

6.2.2 Community facilities zone code

6.2.2.1 Application - Community facilities zone

This code applies to assessing development in the Community facilities zone, if:

1. self-assessable or assessable development where this code is an applicable code identified in the assessment criteria column of a table of assessment (Part 5);
2. impact assessable development (Part 5).

When using this code, reference should be made to 5.3.2 'Rules for determining the level of assessment' and, where applicable, 5.3.3 'Rules for determining the assessment criteria' located in Part 5.

For self-assessable or assessable development for this Code Part 6.2.2:

1. Part A of the code applies only to self-assessable development in the 6.2.2.1 'Abbey precinct';
2. Part B of the code applies only to assessable development in all 6.2.2.1 'Abbey precinct';
3. Part C of the code applies only to self-assessable development in the 6.2.2.2 'Airfield precinct';
4. Part D of the code applies only to assessable development in all 6.2.2.2 'Airfield precinct';
5. Part E of the code applies only to self-assessable development in the 6.2.2.3 'Utilities precinct';
6. Part F of the code applies only to assessable development in all 6.2.2.3 'Utilities precinct';
7. Part G of the code applies only to self-assessable development in the 6.2.2.4 'Lakeside precinct';
8. Part H of the code applies only to assessable development in all 6.2.2.4 'Lakeside precinct';
9. Part I of the code applies only to self-assessable development in the 6.2.2.5 'Special use precinct';
10. Part J of the code applies only to assessable development in all 6.2.2.5 'Special use precinct'.

6.2.2.2 Purpose - Community facilities zone

1. The purpose of the Community facilities zone code is to provide for community related activities and facilities whether under public or private ownership. These may include municipal services, public utilities, government installations, transport and telecommunication networks and community infrastructure of an artistic, social or cultural nature.
2. The Community facilities zone includes 5 precincts; Abbey, Airfield, Utilities, Lakeside and Special use.
3. The purpose of the Community facilities zone code is to implement the policy direction as set out in Part 3, Strategic Framework.

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6.2.2.1 Abbey precinct

6.2.2.1.1 Purpose - Abbey precinct

1. The purpose of the code will be achieved through the following overall outcomes for the Abbey precinct:
 - a. Development supports, and does not diminish or detract from, the unique character created by established non-rural uses and activities namely Place of worship⁽⁶⁰⁾, Educational establishment⁽²⁴⁾, tourism and agriculture.
 - b. Areas within the precinct not associated with established non-rural uses maintain their primary role for rural and agricultural purposes, with tourism activities occurring on an occasional and temporary basis.
 - c. Development continues to play a significant role providing local employment, educational and cultural functions and attracting visitors to the Region.
 - d. Development provides appropriate on-site buffers and setbacks from established on-site uses occurring within the precinct and on adjoining land to internalise any potential nuisance impact.
 - e. Development for retail and commercial activities on-site are limited to those uses having a nexus with, and are ancillary to, the tourism use occurring and be of a scale that remains subordinate to the network of centres within the Region.
 - f. Residential uses are limited in number and location to achieve a low density, scale and intensity of use to retain the existing rural character and amenity. Residential uses are occupied by people associated with the Place of worship⁽⁶⁰⁾ on the site.
 - g. Development is properly separated and buffered from surrounding sensitive uses and rural activities, and operates in a manner that does not adversely impact on the low density, low intensity rural character or amenity of the surrounds.
 - h. Development is designed and operated to achieve a high level of amenity and maintains the safety of people and property through crime prevention through environmental design principles (CPTED).
 - i. Development is of a scale, height and bulk that provides a high level of amenity and is consistent with the character of the surrounding area.
 - j. General works associated with the development achieves the following:
 - i. new development is provided with a high standard of services to meet and support the current and future needs of users of the site, including roads, street lighting services, telecommunications and reticulated electricity (underground wherever possible), water and sewerage (where available);
 - ii. the development manages stormwater to:
 - A. ensure the discharge of stormwater does not adversely affect the quality, environmental values or ecosystem functions of downstream receiving waters;
 - B. prevent stormwater contamination and the release of pollutants;
 - C. maintain or improve the structure and condition of drainage lines and riparian areas;
 - D. avoid off-site adverse impacts from stormwater.
 - iii. the development does not result in unacceptable impacts on the capacity and safety of the external road network;
 - iv. the development ensures the safety, efficiency and useability of access ways and parking areas;
 - v. site works including earthworks are managed to be safe and have minimal impacts on adjoining or adjacent premises, the streetscape or the environment.
 - k. Activities associated with the use do not cause a nuisance by way of aerosols, fumes, light, noise, odour, particles or smoke.
 - l. Noise generating uses are designed, sited and constructed to minimise the transmission of noise to appropriate levels and do not cause environmental harm or nuisance.

- m. Noise sensitive uses are designed, sited and constructed so as not to be subject to unacceptable levels of noise.
- n. Development avoids areas subject to constraint, limitation, or environmental value. Where development cannot avoid these identified areas, it responds by:
- i. adopting a 'least risk, least impact' approach when designing, siting and locating development in any area subject to a constraint, limitation or environmental value to minimise the potential risk to people, property and the environment;
 - ii. ensuring no further instability, erosion or degradation of the land, water or soil resource;
 - iii. when located within a Water buffer area, complying with the Water Quality Vision and Objectives contained in the Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.
 - iv. maintaining, restoring and rehabilitating environmental values, including natural, ecological, biological, aquatic, hydrological and amenity values, and enhancing these values through the provision of planting and landscaping, and facilitating safe wildlife movement and connectivity through:
 - A. the provision of replacement, restoration, rehabilitation planting and landscaping;
 - B. the location, design and management of development to avoid or minimise adverse impacts on ecological systems and processes;
 - C. the requiring of environmental offsets in accordance with the Environmental Offsets Act 2014.
 - v. protecting native species and protecting and enhancing species habitat;
 - vi. protecting and preserving the natural, aesthetic, architectural historic and cultural values of significant trees, places, objects and buildings of heritage and cultural significance;
 - vii. establishing effective separation distances, buffers and mitigation measures associated with identified infrastructure to minimise adverse effects on sensitive land uses from odour, noise, dust and other nuisance generating activities;
 - viii. establishing, maintaining and protecting appropriate buffers to waterways, wetlands, native vegetation and significant fauna habitat;
 - ix. ensuring it promotes and does not undermine the ongoing viability, integrity, operation, maintenance and safety of identified infrastructure;
 - x. ensuring effective and efficient disaster management response and recovery capabilities;
 - xi. where located in an overland flow path:
 - A. development siting, built form, layout and access responds to the risk presented by the overland flow and minimises risk to personal safety;
 - B. development is resilient to the impacts of overland flow by ensuring the siting and design accounts for the potential risks to property associated with the overland flow;
 - C. development does not impact on the conveyance of the overland flow for any event up to and including the 1% AEP for the fully developed upstream catchment;
 - D. development directly, indirectly and cumulatively avoid an increase in the severity of overland flow and potential for damage on the premises or other premises, public lands, watercourses, roads or infrastructure.
- o. Development in the Abbey precinct includes one or more of the following:

<ul style="list-style-type: none"> • Animal husbandry⁽⁴⁾ • Cemetery⁽¹²⁾ - if a maximum of 100 spaces • Child care centre⁽¹³⁾ • Cropping⁽¹⁹⁾ 	<ul style="list-style-type: none"> • Function facility⁽²⁹⁾ • Home based business⁽³⁵⁾ • Intensive horticulture⁽⁴⁰⁾ • Market⁽⁴⁶⁾ • Multiple dwelling⁽⁴⁹⁾ - if dwellings are detached and the number of dwellings does not exceed 20 	<ul style="list-style-type: none"> • Place of worship⁽⁶⁰⁾ • Rural workers' accommodation⁽⁷¹⁾ • Tourist attraction⁽⁸³⁾ • Tourist park⁽⁸⁴⁾
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<ul style="list-style-type: none"> • Dwelling house⁽²²⁾ • Educational establishment⁽²⁴⁾ 		
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p. Development in the Abbey precinct does not include any of the following:

<ul style="list-style-type: none"> • Adult store⁽¹⁾ • Agricultural supplies store⁽²⁾ • Air services⁽³⁾ • Animal keeping⁽⁵⁾ • Aquaculture⁽⁶⁾ • Bar⁽⁷⁾ • Brothel⁽⁸⁾ • Bulk landscape supplies⁽⁹⁾ • Car wash⁽¹¹⁾ • Club⁽¹⁴⁾ • Community care centre⁽¹⁵⁾ • Community residence⁽¹⁶⁾ • Crematorium⁽¹⁸⁾ • Detention facility⁽²⁰⁾ • Dual occupancy⁽²¹⁾ • Dwelling unit⁽²³⁾ • Emergency services⁽²⁵⁾ • Environmental facility⁽²⁶⁾ • Food and drink outlet⁽²⁸⁾ • Funeral parlour⁽³⁰⁾ • Garden centre⁽³¹⁾ • Hardware and trade supplies⁽³²⁾ 	<ul style="list-style-type: none"> • Health care services⁽³³⁾ • High Impact industry⁽³⁴⁾ • Hospital⁽³⁶⁾ • Hotel⁽³⁷⁾ • Indoor sport and recreation⁽³⁸⁾ • Intensive animal industry⁽³⁹⁾ • Landing⁽⁴¹⁾ • Low impact industry⁽⁴²⁾ • Major sport, recreation and entertainment facility⁽⁴⁴⁾ • Marine industry⁽⁴⁵⁾ • Medium impact industry⁽⁴⁷⁾ • Motor sport facility⁽⁴⁸⁾ • Multiple dwelling⁽⁴⁹⁾ - if dwellings are attached or the number of dwellings exceeds 20 • Nature-based tourism⁽⁵⁰⁾ • Nightclub entertainment facility⁽⁵¹⁾ • Non-resident workforce accommodation⁽⁵²⁾ • Office⁽⁵³⁾ • Outdoor sales⁽⁵⁴⁾ • Outdoor sport and recreation⁽⁵⁵⁾ • Parking station⁽⁵⁸⁾ • Port services⁽⁶¹⁾ 	<ul style="list-style-type: none"> • Relocatable home park⁽⁶²⁾ • Renewable energy facility⁽⁶³⁾ • Research and technology industry⁽⁶⁴⁾ • Residential care facility⁽⁶⁵⁾ • Resort complex⁽⁶⁶⁾ • Retirement facility⁽⁶⁷⁾ • Rooming accommodation⁽⁶⁹⁾ • Rural industry⁽⁷⁰⁾ • Sales office⁽⁷²⁾ • Service industry⁽⁷³⁾ • Service station⁽⁷⁴⁾ • Shop⁽⁷⁵⁾ • Shopping centre⁽⁷⁶⁾ • Short-term accommodation⁽⁷⁷⁾ • Showroom⁽⁷⁸⁾ • Special industry⁽⁷⁹⁾ • Theatre⁽⁸²⁾ • Transport depot⁽⁸⁵⁾ • Veterinary services⁽⁸⁷⁾ • Warehouse⁽⁸⁸⁾ • Wholesale nursery⁽⁸⁸⁾ • Winery⁽⁹⁰⁾
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Note - A dwelling provided for a caretaker of a non-residential use in the Community facilities zone is defined as Rural workers' accommodation⁽⁷¹⁾

- q. Development not listed in the tables above may be considered on its merits and where it reflects and supports the outcomes of the zone.

6.2.2.1.2 Criteria for assessment

To determine if development is self-assessable, development must comply with the self-assessable acceptable outcomes set out in Part A, Table 6.2.2.1.1. Where development does not meet a self-assessable outcome (SAO) of the relevant criteria Part A Table 6.2.2.1.1, assessment is against the corresponding performance outcome (PO) identified in the table below. This only occurs whenever a SAO is not met, and is therefore limited to the subject matter of the SAOs that are not complied with. To remove any doubt, for those SAOs that are complied with, there is no need for assessment against the corresponding PO.

Self-assessable acceptable outcomes (SAO)	Corresponding performance outcomes (PO)
SAO1	PO1
SAO2	PO2
SAO3	PO3
SAO4	PO4
SAO5	PO5
SAO6	PO7
SAO7	PO8
SAO8	PO10
SAO9	PO14-17
SAO10	PO14-17
SAO11	PO18
SAO12	PO20-25
SAO13	PO23
SAO14	PO24
SAO15	PO29
SAO16	PO29
SAO17	PO31
SAO18	PO33
SAO19	PO35
SAO20	PO36
SAO21	PO38
SAO22	PO40
SAO23	PO41
SAO24	PO38
SAO25	PO42

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SAO26	PO42-PO47
SAO27	PO44
SAO28	PO48
SAO29	PO48
SAO30	PO48
SAO31	PO49
SAO32	PO50
SAO33	PO53
SAO34	PO54
SAO35	PO56
SAO36	PO56
SAO37	PO56
SAO38	PO56
SAO39	PO56
SAO40	PO57
SAO41	PO57
SAO42	PO59
SAO43	PO57
SAO44	PO57
SAO45	PO58
SAO46	PO58
SAO47	PO60
SAO48	PO65
SAO49	PO65
SAO50	PO65
SAO51	PO65
SAO52	PO65
SAO53	PO66
SAO54	PO66
SAO55	PO66
SAO56	PO66
SAO57	PO66
SAO58	PO68
SAO59	PO69
SAO60	PO70
SAO61	PO70

SAO62	PO70
SAO63	PO70
SAO64	PO72
SAO65	PO75
SAO66	PO76
SAO67	PO76
SAO68	PO77
SAO69	PO78
SAO70	PO79
SAO71	PO80-91
SAO72	PO80-91
SAO73	PO92-PO93
SAO74	PO92-PO93
SAO75	PO95
SAO76	PO95
SAO77	PO95
SAO78	PO96
SAO79	PO97
SAO80	PO98
SAO81	PO99-PO101, PO103-PO105
SAO82	PO99-PO101, PO103-PO105
SAO83	PO99-PO101
SAO84	PO102
SAO85	PO106
SAO86	PO107

Part A —Criteria for self-assessable development - Abbey precinct

Table 6.2.2.1.1 Self-assessable development - Abbey precinct

Self-assessable acceptable outcomes	
General criteria	
Building height	
SAO1	Building height does not exceed the maximum height identified on Overlay map - Building heights, except for architectural features associated with religious expression on Place of worship ⁽⁶⁰⁾ and Educational establishment ⁽²⁴⁾ buildings.
Setbacks	
SAO2	Buildings and structures, excluding Multiple dwelling ⁽⁴⁹⁾ , are setback as follows:

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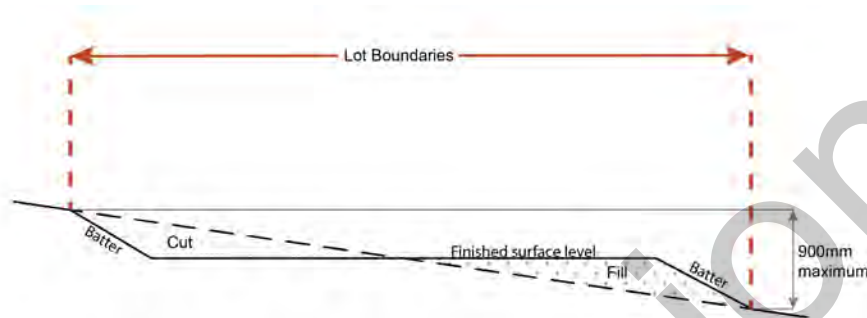
	<ul style="list-style-type: none"> a. road frontage - 10m b. side boundary - 10m c. rear boundary - 10m
Specific rural uses setbacks	
SAO3	<p>The following uses, associated buildings and structures are setback from all lot boundaries as follows:</p> <ul style="list-style-type: none"> a. Animal husbandry⁽⁴⁾ (buildings only) - 10m b. Cropping⁽¹⁹⁾ (buildings only) - 10m c. Intensive horticulture⁽⁴⁰⁾ - 20m
Site cover	
SAO4	Site cover of all buildings and structures does not exceed 20%.
Residential density	
SAO5	Residential density does not exceed 21 dwellings on the site, including 1 Dwelling house ⁽²²⁾ and 20 Multiple dwellings ⁽⁴⁹⁾ .
Car parking	
SAO6	On-site car parking is provided in accordance with Schedule 7 - Car parking.
Waste	
SAO7	Bins and bin storage areas are provided, designed and managed in accordance with Planning scheme policy - Waste.
Lighting	
SAO8	<p>Artificial lighting on-site is directed and shielded in such a manner as not to exceed the recommended maximum values of light technical parameters for the control of obtrusive light given in Table 2.1 of the Australian Standard AS 4282 (1997) Control of Obtrusive Effects of Outdoor Lighting.</p> <p>Note - "Curfewed hours" are taken to be those between 10pm and 7am the following day.</p>
Hazardous chemicals	
SAO9	All development that involves the storage or handling of hazardous chemicals listed in Schedule 9, Development involving hazardous chemicals, Table 9.0.1 Hazardous Chemicals Self-Assessable Thresholds complies with Schedule 9, Table 9.0.3 Hazardous Chemicals Self-Assessable Criteria.
SAO10	Development does not involve the storage or handling of hazardous chemicals listed in Schedule 9, Development involving hazardous chemicals, Table 9.0.2 Hazardous Chemicals Assessable Thresholds.
Clearing of habitat trees where not located in the Environmental areas overlay map.	
SAO11	<p>Development does not result in the damaging, destroyed or clearing of a habitat tree. This does not apply to:</p> <ul style="list-style-type: none"> a. Clearing of a habitat tree located within an approved development footprint;

	<ul style="list-style-type: none"> b. Clearing of a habitat tree within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of a habitat tree reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; d. Clearing of a habitat tree reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural , Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; e. Clearing of a habitat tree reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; f. Clearing of a habitat tree in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; g. Clearing of a habitat tree associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; h. Native forest practice where exempt under Part 1, 1.7.7 Exempt development. <p>Editor's note - A native tree measuring greater than 80cm in diameter when measured at 1.3m from the ground is recognised as a 'habitat tree'. For further information on habitat trees, refer to Planning scheme policy – Environmental areas and corridors. Information detailing how this measurement is undertaken is provided in Australian Standard AS 4970 2009 Protection of Trees on Development Sites - Appendix A.</p>
Works criteria	
Utilities	
SAO12	<p>Where available, the development is connected to:</p> <ul style="list-style-type: none"> a. an existing reticulated electricity supply; b. telecommunications and broadband; c. reticulated sewerage; d. reticulated water; e. constructed and dedicated road.
SAO13	<p>Where not in a seweraged area, the development is serviced by an appropriate on-site sewerage facility.</p> <p>Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.</p>
SAO14	<p>Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.</p>
Access	
SAO15	<p>Any new or changes to existing site access and driveways are designed and located in accordance with:</p> <ul style="list-style-type: none"> a. Where for a Council-controlled road, AS/NZS2890.1 section 3; or b. Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval.

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SAO16	Any new or changes to existing internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.
Stormwater	
SAO17	Any new or changes to existing stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises in accordance with Planning scheme policy – Integrated design. Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.
SAO18	Development incorporates a minimum of 2% of the site area constructed as a bioretention system in accordance with Planning scheme policy – Integrated design if the development: a. is for urban purposes only; b. involves a land area greater than 2500m ² ; c. will result in 6 or more dwellings; OR will result in an impervious area greater than 25% of the net developable area;
Site works and construction management	
SAO19	The site and any existing structures are to be maintained in a tidy and safe condition.
SAO20	Site construction works incorporate temporary stormwater run-off, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design.
SAO21	Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.
SAO22	All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works. Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.
SAO23	Any damage to Council land or infrastructure is repaired or replaced with the same materials, prior to plan sealing, or final building classification.
SAO24	Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.
Earthworks	
SAO25	The site is prepared and the fill placed on-site in accordance with Australian Standard AS3798. Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures
SAO26	The total of all cut and fill on-site does not exceed 900mm in height.

Figure - Cut and fill



Note - This is site earthworks not building work.

SAO27

Filling or excavation does not result in:

- a. a reduction in cover over any Council or public sector entity infrastructure to less than 600mm;
- b. an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the filling or excavation works being undertaken.

Note - Public sector entity is defined in the Sustainable Planning Act 2009.

Fire services

Note - The provisions under this heading only apply if:

- a. the development is for, or incorporates:
 - i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or
 - ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or
 - iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or
 - iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials.

AND

- b. none of the following exceptions apply:
 - i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or
 - ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site.

Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.

SAO28

External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of *Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations*.

Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005):

- a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative;

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	<ul style="list-style-type: none"> b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005); c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that: <ul style="list-style-type: none"> i. - for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings; ii. - for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans; iii. - for outdoor sales⁽⁵⁴⁾, processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities; and d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and where applicable, Part 3.6.
<p>SAO29</p>	<p>A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:</p> <ul style="list-style-type: none"> a. an unobstructed width of no less than 3.5m; b. an unobstructed height of no less than 4.8m; c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance; d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.
<p>SAO30</p>	<p>On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in <i>Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment</i>.</p>
<p>SAO31</p>	<p>For development that contains on-site fire hydrants external to buildings:</p> <ul style="list-style-type: none"> a. those external hydrants can be seen from the vehicular entry point to the site; or b. a sign identifying the following is provided at the vehicular entry point to the site: <ul style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager's office (where provided); v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points. <p>Note - The sign prescribed above, and the graphics used are to be:</p> <ul style="list-style-type: none"> a. in a form; b. of a size; c. illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>

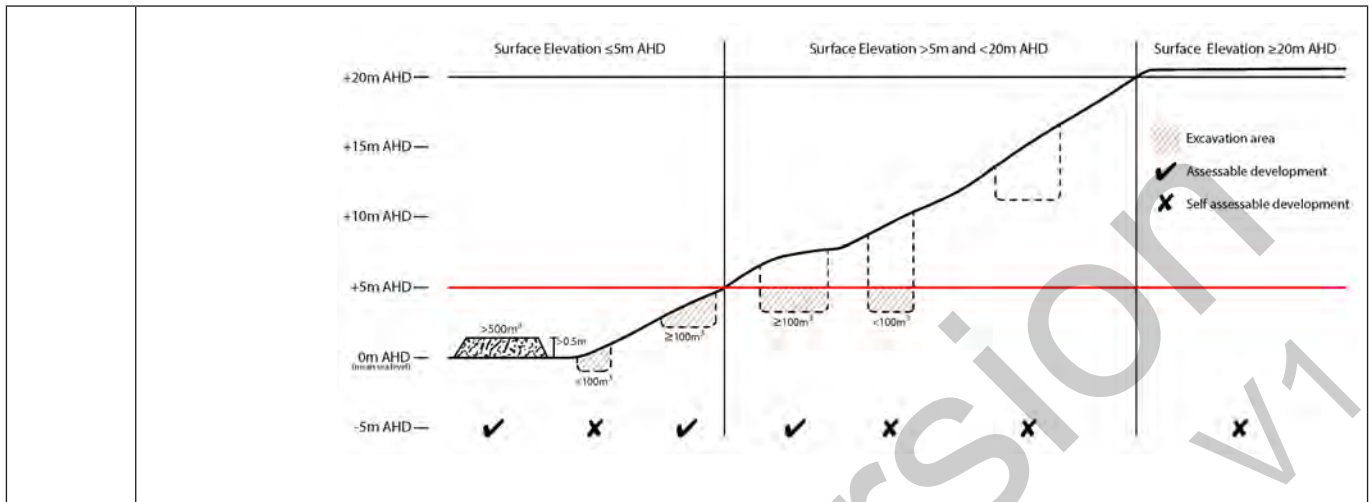
SAO32	<p>For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavements markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads.</p> <p>Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.</p>
Use specific criteria	
Dwelling house⁽²²⁾	
SAO33	The dwelling house ⁽²²⁾ is only used to accommodate members of the Confraternity.
SAO34	<p>Where the dwelling house⁽²²⁾ includes a secondary dwelling, the secondary dwelling:</p> <ol style="list-style-type: none"> a. has a maximum GFA of 100m²; b. obtains access from the existing driveway giving access to the Dwelling house⁽²²⁾; c. is setback 50m from all property boundaries; d. is located within 20m of the principal Dwelling house⁽²²⁾; e. is separated from other dwellings by a minimum distance of 1.5m; f. is only used to accommodate members of the Confraternity.
Home based business⁽³⁵⁾	
SAO35	Home based business(s) ⁽³⁵⁾ are fully contained within a dwelling or on-site structure, except for a home based child care facility.
SAO36	The maximum total use area is 100m ² .
SAO37	<p>Only 1 additional non-resident, either an employee or customer, is permitted on the site at any one time.</p> <p>Note - This provision does not apply to Bed and Breakfast or farmstay business.</p>
SAO38	Service and delivery vehicles do not exceed one Small Rigid Vehicle (SRV) at any one time.
SAO39	Vehicle parking for the Home based business ⁽³⁵⁾ on-site is limited to 1 car or Small Rigid Vehicle (SRV).
SAO40	The amenity of the area and adjacent sensitive land uses are protected from the impacts of dust, odour, noise, light, chemicals and other environmental nuisances.
SAO41	<p>The Home based business⁽³⁵⁾ does not involve vehicle servicing or major repairs, including spray painting or panel beating.</p> <p>Note - Vehicle servicing excludes general maintenance of a vehicle such as, but not limited to, changing engine fluids, filters and parts such as batteries and plugs.</p>
SAO42	<p>The hours of operation do not exceed 8:00am to 6:00pm, Monday to Saturday and are not open to the public on Sunday's, Christmas Day, Good Friday and Anzac Day.</p> <p>Note - Office⁽⁵³⁾ or administrative activities that do not generate non-residents visiting the site, such as book-keeping and computer work, may operate outside the hours of operation.</p>
SAO43	The Home based business ⁽³⁵⁾ does not generate noise that is audible from the boundary of the lot.

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	<p>Note - Guidance on acceptable noise is provided in the standards listed in the Environmental (Noise) Policy 2008.</p> <p>Note - This provision does not apply to the use of motor vehicles.</p>
SAO44	The Home based business ⁽³⁵⁾ does not involve an environmentally relevant activity (ERA) as defined in the <i>Environmental Protection Regulation 2008</i> .
SAO45	Only goods grown, produced or manufactured on-site are sold from the site.
SAO46	Display of goods grown, produced or manufactured on-site are contained within a dwelling or on-site structure and the display of goods is not visible from boundary of the site.
SAO47	<p>For bed and breakfast and farmstays:</p> <ol style="list-style-type: none"> overnight accommodation is provided in the Dwelling house⁽²²⁾ of the accommodation operator. maximum 4 bedrooms are provided for a maximum of 10 guests. meals are served to paying guests only. rooms do not contain food preparation facilities.
Multiple dwelling ⁽⁴⁹⁾	
SAO48	Multiple dwellings ⁽⁴⁹⁾ are provided in the form of detached buildings.
SAO49	The number of Multiple dwellings ⁽⁴⁹⁾ located on the site does not exceed 20.
SAO50	Multiple dwellings ⁽⁴⁹⁾ are separated by a minimum distance of 1.5m and a maximum of 10m.
SAO51	Multiple dwellings ⁽⁴⁹⁾ are setback a minimum 50m from all property boundaries.
SAO52	Multiple dwellings ⁽⁴⁹⁾ are only used to accommodate members of the Confraternity.
Rural workers' accommodation ⁽⁷¹⁾	
SAO53	Rural workers' accommodation ⁽⁷¹⁾ is located in the Residential Area on Map 1 - Abbey use areas.
SAO54	No more than 1 Rural workers' accommodation ⁽⁷¹⁾ per lot.
SAO55	Rural workers' accommodation ⁽⁷¹⁾ is contained within 1 structure.
SAO56	No more than 12 rural workers are accommodated.
SAO57	Access is obtained from the existing driveway giving access to the Dwelling house ⁽²²⁾ .
Telecommunications facility ⁽⁸¹⁾	
<p>Editor's note - In accordance with the Federal legislation Telecommunications facilities⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3KHz to 300Ghz.</p>	
SAO58	A minimum of 45m ² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.

SAO59	The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.
SAO60	Equipment shelters and associated structures are located: <ul style="list-style-type: none"> a. directly beside the existing equipment shelter and associated structures; b. behind the main building line; c. further away from the frontage than the existing equipment shelter and associated structures; d. a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.
SAO61	Equipment shelters and other associated structures are either the same type of colour or material to match the surrounding locality.
SAO62	The facility is enclosed by security fencing or by other means to ensure public access is prohibited.
SAO63	A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the development and street frontage and adjoining uses. <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p> <p>Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person to ensure compliance with Planning scheme policy - Integrated design.</p>
SAO64	All equipment comprising the telecommunications facility ⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.
Values and constraints criteria	
Note - The relevant values and constraints criteria do not apply where the development, the subject of the application, is associated and consistent with, and subsequent to a current Development permit for Reconfiguring a lot or Material change of use, where that approval, under this or a superseded planning scheme, has considered and addressed (e.g. through a development footprint plan or similar, or conditions of approval) the identified value or constraint under this planning scheme.	
Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)	
Note - Planning scheme policy - Acid sulfate soils provides guidance for self-assessable development that has the potential to disturb acid sulfate soils i.e. development involving filling or excavation works below the thresholds of 100m ³ and 500m ³ respectively.	
SAO65	Development does not involve: <ul style="list-style-type: none"> a. excavation or otherwise removing of more than 100m³ of soil or sediment where below 5m Australian Height Datum AHD, or b. filling of land of more than 500m³ of material with an average depth of 0.5m or greater where below the 5m AHD.

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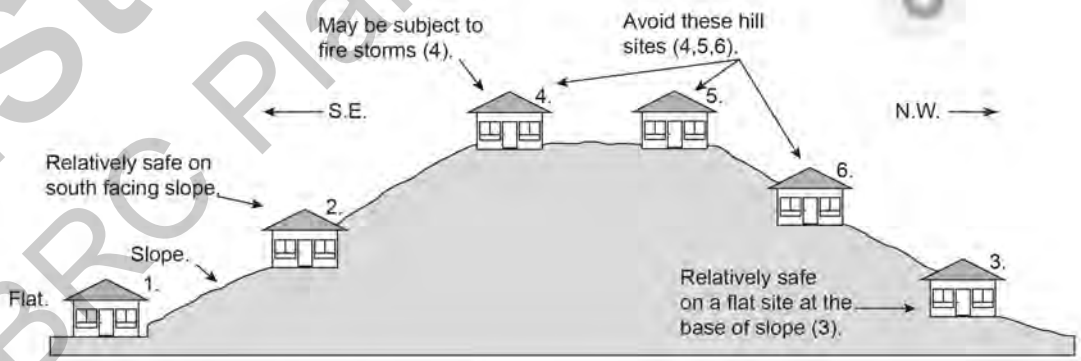
Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)

Note - For the purposes of section 12 of the Building Regulation 2006, land identified as very high potential bushfire intensity, high potential bushfire intensity, medium potential bushfire intensity or potential impact buffer on the Bushfire hazard areas overlay map is the 'designated bushfire hazard area'. AS 3959-2009 Construction of buildings in bushfire hazard areas applies within these areas.

SAO66

- a. Building and structures are:
 - i. not located on a ridgeline
 - ii. not located on land with a slope greater than 15% (see Overlay map – Landslide hazard (for land having a slope greater than 15%))
- b. Dwellings are located on east to south facing slopes.

House Sites Numbered in Order of Degree of Fire Safety



(1 being the safest , 6 being the most hazardous.)
 From Bushfire Prone Areas: Siting and Design of Residential Buildings (1997), Queensland Department of Local Government and Planning, and Queensland Fire & Rescue Service.

SAO67

- Buildings and structures have contained within the site:
 - a. a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater;

	<ul style="list-style-type: none"> b. a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; c. a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures; d. an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and e. an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%: <ul style="list-style-type: none"> i. to, and around, each building and other roofed structure; and ii. to each fire fighting water supply extraction point. <p>Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959.</p>
SAO68	<p>The length of driveway:</p> <ul style="list-style-type: none"> a. to a public road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; b. has a maximum gradient no greater than 12.5%; c. have a minimum width of 3.5m; d. accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
SAO69	<ul style="list-style-type: none"> a. A reticulated water supply is provided by a distributor retailer for the area or, where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is provided and located within 10m of buildings and structures. b. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access to within 3m of that water storage source is provided. c. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ul style="list-style-type: none"> i. a hardstand area allowing medium rigid vehicle (15 tonne fire appliance) access within 6m of the tank; ii. fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 20mm (minimum) to accommodate suction lines.
SAO70	Development does not involve the manufacture or storage of hazardous chemicals.
<p>Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)</p> <p>Note - The following are exempt from the native clearing provisions of this planning scheme:</p> <ul style="list-style-type: none"> a. Clearing of native vegetation located within an approved development footprint; b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; 	

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- d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence;
- e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes;
- f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council;
- g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;
- h. Grazing of native pasture by stock;
- i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development.

Note - Definition for native vegetation is located in Schedule 1 Definitions.

Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.

Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.

Editors' Note - When clearing native vegetation within a MSES area, you may still require approval from the State government.

SAO71

Where no suitable land cleared of native vegetation exists, clearing of native vegetation in High Value Area or Value Offset Area is for the purpose of a new dwelling house⁽²²⁾ and all associated facilities* or an extension to an existing dwelling house⁽²²⁾ only, and comprises an area no greater than 1500m².

Note - *All associated facilities includes: on-site wastewater treatment, all areas of disturbance, on-site parking, access and manoeuvring areas.

Editor's note - See in heading above for other uses exempt from native vegetation clearing requirements.

Editor's note - Where self-assessable vegetation clearance is being undertaken, care should be undertaken to avoid adverse impacts on koalas, koala habitat values and habitat connectivity and to encourage existing koala usage of the site. Measures to minimise impacts include:

- i. co-locating all associated activities, infrastructure and access strips;
- ii. be the least valued area of koala habitat on the site;
- iii. minimise the footprint of the development envelope area;
- iv. minimise edge effects to areas external to the development envelope;
- v. location and design consideration to ensure koala safety and movement in accordance with the Koala-sensitive Design Guideline and Planning scheme policy – Environmental areas;
- vi. sufficient area between the development and koala habitat trees to achieve their long-term viability.

Editor's note - Where self-assessable vegetation clearing is being undertaken, consideration should be given to avoid clearing habitat trees. Habitat trees may contain structural hollows where animals live, breed and shelter. The provision of nest boxes or salvaging of hollows will provide compensatory roosting and nesting opportunities for local wildlife including sugar gliders, possums and owls. For further information see Planning scheme policy – Environmental areas.

SAO72

No clearing of native vegetation is to occur within the Value Offset Area MLES - Waterway buffer or Value Offset Area MLES - Wetland buffer.

This does not apply to the following:

	<ul style="list-style-type: none"> a. Clearing of native vegetation located within an approved development footprint; b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; h. Grazing of native pasture by stock; i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development.
<p>Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)</p> <p>Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.</p>	
SAO73	<p>Development is for the preservation, maintenance, repair and restoration of the site, object or building.</p> <p>This does not apply to Listed item 99, in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p> <p>Note - Preservation, maintenance, repair and restoration are defined in Schedule 1 - Definitions</p>
SAO74	<p>A cultural heritage conservation management plan is prepared in accordance with Planning scheme policy – Heritage and landscape character and submitted to Council prior to the commencement of any preservation, maintenance, repair and restoration works. Any preservation, maintenance, repair and restoration works are in accordance with the Council approved cultural heritage conservation management plan.</p> <p>This does not apply to Listed item 99 in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p>
SAO75	<p>Development does not result in the removal of or damage to any significant tree identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character.</p>
SAO76	<p>The following development does not occur within 20m of the base of any significant tree, identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character:</p> <ul style="list-style-type: none"> a. construction of any building; b. laying of overhead or underground services; c. any sealing, paving, soil compaction; d. any alteration of more than 75mm to the ground level prior to work commencing.
SAO77	<p>Pruning of a significant tree occurs in accordance with Australian Standard AS 4373-2007 - Pruning of Amenity Trees.</p>

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Landslide - land having a slope greater 15% (refer Overlay map - Landslide hazard - land having a slope greater 15% to determine if the following assessment criteria apply)	
SAO78	Development does not: <ol style="list-style-type: none"> involve earthworks exceeding 50m³; involve cut and fill having a height greater than 600mm; involve any retaining wall having a height greater than 600mm; redirect or alter the existing flow of surface or groundwater.
SAO79	Buildings, excluding domestic outbuildings: <ol style="list-style-type: none"> are split-level, multiple-slab, pier or pole construction; are not single plane slab on ground.
SAO80	Development does not involve the manufacture, handling or storage of hazardous chemicals.
Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)	
SAO81	Development for a material change of use or building work does not involve the construction of a building or structure in an Overland flow path area.
SAO82	Development for a material change of use or operational work does not impede the flow of flood waters through the premises or worsen flood flows to other premises. Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises. Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow
SAO83	Development for a material change of use or building work ensures that fencing in an overland flow path area is at least 50% permeable.
SAO84	Development for a material change of use or building work that involves a hazardous chemical ensures the hazardous chemicals is not located within an overland flow path area.
SAO85	Development for a material change of use or building work for a Park ⁽⁵⁷⁾ ensures that work is provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.
Riparian and wetland setbacks (refer Overlay map - Riparian and wetland setback to determine if the following assessment criteria apply)	
Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.	
SAO86	No development is to occur within: <ol style="list-style-type: none"> 50m from top of bank for W1 waterway and drainage line 30m from top of bank for W2 waterway and drainage line 20m from top of bank for W3 waterway and drainage line 100m from the edge of a Ramsar wetland, 50m from all other wetlands.

Note - W1, W2 and W3 waterways and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.

Note - In some cases, the top of bank may not be easily defined, as such a hydraulic measurement may be applied instead. Moreton Bay Regional Council will provide further direction on how to determine and locate the setback boundary in these locations.

Note - The minimum setback distance applies to the each side of waterway.

Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)

Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code

Part B — Criteria for assessable development - Abbey precinct

Where development is code assessable development in the Table of Assessment, the assessment criteria for that development are set out in Part B, Table 6.2.2.1.2.

Where development is impact assessable, the assessment criteria becomes the whole of the planning scheme.

Table 6.2.2.1.2 Assessable development - Abbey precinct

Performance outcomes	Acceptable outcomes
General criteria	
Building height	
<p>PO1</p> <p>Buildings and structures are of a height, scale and bulk which:</p> <ol style="list-style-type: none"> is consistent with the existing low rise, open and low density character and amenity of the site and its surrounds; is visually compatible with the existing buildings or structures and respects the existing amenity and character of the Abbey precinct; minimises the visual impact of large-scale built form whilst still providing for religious character heights associated with Place of worship⁽⁶⁰⁾; does not detract from the amenity of surrounding existing or future rural and residential uses. 	<p>AO1</p> <p>Building height does not exceed the maximum height identified on Overlay map - Building heights, except for architectural features associated with religious expression on Place of worship⁽⁶⁰⁾ and Educational establishment⁽²⁴⁾ buildings.</p>
Setbacks	
<p>PO2</p> <p>Building setback:</p>	<p>AO2</p> <p>Buildings and structures are setback as follows, unless otherwise indicated:</p>

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<ul style="list-style-type: none"> a. is sufficient to minimise overlooking and maintain privacy of adjoining properties; b. is sufficient to ensure development is not visually dominant or overbearing on adjoining properties; c. maintains the rural character of the site and its surrounds. 	<ul style="list-style-type: none"> a. road frontage - 10m b. side boundary - 10m c. rear boundary - 10m
Specific rural uses setbacks	
<p>PO3</p> <p>Development ensures:</p> <ul style="list-style-type: none"> a. chemical spray, fumes, odour, dust are contained on site; b. unreasonable nuisance or annoyance resulting from, but not limited to, noise, storage of materials and rubbish does not adversely impact upon land users adjacent to, or within the general vicinity; c. buildings and other structures are consistent with the open area, low density, low built form character and amenity associated with the surrounding rural environment. 	<p>AO3</p> <p>The following uses, associated buildings and structures are setback from all lot boundaries as follows:</p> <ul style="list-style-type: none"> a. Animal husbandry⁽⁴⁾ (buildings only) – 10m b. Cropping⁽¹⁹⁾ (buildings only) – 10m c. Intensive horticulture⁽⁴⁰⁾ - 20m
Site cover	
<p>PO4</p> <p>Development:</p> <ul style="list-style-type: none"> a. maintains the low density, low rise built form and open space character of the site; b. ensures that buildings and structures are not overbearing, visually dominant or out of character with the surrounding built environment nor detract from the amenity of adjoining land. 	<p>AO4</p> <p>Site cover of all buildings and structures does not exceed 20%.</p>
Residential density	
<p>PO5</p> <p>Housing provided on site:</p> <ul style="list-style-type: none"> a. does not exceed a site density of 0.85 dwellings/hectare; b. remains subordinate to the primary use of the site; c. provides accommodation for people engaged in a lawful use of the site; d. maintains a direct nexus with the Place of worship⁽⁶⁰⁾ on the site. 	<p>No acceptable outcome provided.</p>

Built form	
<p>PO6</p> <p>Buildings and structures are designed and constructed to:</p> <ul style="list-style-type: none"> a. incorporate a mix of colours and high quality materials to add diversification to treatments and finishes; b. avoid blank walls through facade articulation to create visual interest and deter graffiti and vandalism; c. activate and address the street, public area or public open space; d. reduce cluttering of plan and equipment on building roofs. 	<p>AO6.1</p> <p>Development provides materials and finishes of a high quality that are not susceptible to stain, discolour or deterioration.</p>
	<p>AO6.2</p> <p>Development incorporates articulated walls with variation, detail and colour to reduce the bulk and impact of development and minimise expansive blank walls.</p>
	<p>AO6.3</p> <p>The main facade of the building directly addresses and faces the street and contains a mix of materials and colours.</p>
	<p>AO6.4</p> <p>Building utilities such as lift motor rooms and telecommunications equipment are designed to be visually integrated with the building.</p>
Car parking	
<p>PO7</p> <p>Traffic generation, vehicle movement and on-site car parking associated with an activity:</p> <ul style="list-style-type: none"> a. provides safe, convenient and accessible access for vehicles and pedestrians; b. provides safe and convenient on-site parking and manoeuvring to meet anticipated parking demand; c. is appropriate to the road classification and carrying capacity of the local network and able to meet the additional demands generated by the development; d. does not result adverse impacts on the efficient and safe functioning of the road network. <p>Note - Refer to Planning scheme policy - Integrated transport assessment for guidance on how to achieve compliance with this outcome.</p>	<p>AO7</p> <p>On-site car parking is provided in accordance with Schedule 7 - Car parking.</p>
Waste	
<p>PO8</p> <p>Bins and bin storage areas are provided, designed and managed in accordance with Planning scheme policy – Waste.</p>	<p>No acceptable outcome provided.</p>

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Personal and property safety	
<p>PO9</p> <p>Buildings and spaces are designed and constructed to create a safe and secure environment by incorporating key crime prevention through environmental design principles, including:</p> <ul style="list-style-type: none"> a. casual surveillance opportunities and sight lines; b. way-finding cues and signage; c. light illuminates pathways and potential entrapment areas as well as maximising opportunities for penetration of natural light into spaces; d. minimise predictable routes and entrapment locations. 	No acceptable outcome provided.
Amenity	
<p>PO10</p> <p>The amenity of the area and adjacent sensitive land uses are protected from the impacts of dust, odour, noise, light, chemicals and other environmental nuisances.</p>	No acceptable outcome provided.
Landscaping and screening	
<p>PO11</p> <p>Landscaping and screening is provided in a manner that:</p> <ul style="list-style-type: none"> a. achieves a high level of privacy and amenity to sensitive land uses on adjoining properties and when viewed from the street; b. reduces the visual impact of building bulk and presence and hard surface areas on the local character and amenity of adjoining sensitive land uses and from the street; c. creates a secure and safe environment by incorporating key elements of crime prevention through environmental design; d. achieves the design principles outlined in Planning scheme policy - Integrated design. 	No acceptable outcome provided.
Noise	
<p>PO12</p> <p>Noise generating uses do not adversely affect existing noise sensitive uses.</p>	No acceptable outcome provided.

<p>Note - The use of walls, barriers or fences that are visible from or adjoin a road or public area are not appropriate noise attenuation measures unless adjoining a motorway, arterial road or rail line.</p> <p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p>	
<p>PO13</p> <p>Sensitive land uses are provided with an appropriate acoustic environment within designated external private outdoor living spaces and internal areas while:</p> <ol style="list-style-type: none"> contributing to safe and usable public spaces, through maintaining high levels of surveillance of parks, streets and roads that serve active transport purposes (e.g. existing or future pedestrian paths or cycle lanes etc); maintaining the amenity of the streetscape. <p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p> <p>Note - Refer to Planning Scheme Policy – Integrated design for details and examples of noise attenuation structures.</p>	<p>AO13.1</p> <p>Development is designed to meet the criteria outlined in the Planning Scheme Policy – Noise</p> <p>AO13.2</p> <p>Noise attenuation structures (e.g. walls, barriers or fences):</p> <ol style="list-style-type: none"> are not visible from an adjoining road or public area unless: <ol style="list-style-type: none"> adjoining a motorway or rail line; or adjoining part of an arterial road that does not serve an existing or future active transport purpose (e.g. pedestrian paths or cycle lanes) or where attenuation through building location and materials is not possible. do not remove existing or prevent future active transport routes or connections to the street network; are located, constructed and landscaped in accordance with Planning scheme policy - Integrated design. <p>Note - Refer to Planning scheme policy – Integrated design for details and examples of noise attenuation structures.</p> <p>Note - Refer to Overlay map – Active transport for future active transport routes.</p>
<p>Hazardous Chemicals</p> <p>Note - To assist in demonstrating compliance with the following performance outcomes, a Hazard Assessment Report may be required to be prepared and submitted by a suitably qualified person in accordance with 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p> <p>Note - Terms used in this section are defined in 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p>	
<p>PO14</p> <p>Off sites risks from foreseeable hazard scenarios involving hazardous chemicals are commensurate with the sensitivity of the surrounding land use zones.</p>	<p>AO14.1</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of land zoned for vulnerable or sensitive land uses as described below:</p>

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	<p>Dangerous Dose</p> <ul style="list-style-type: none"> a. For any hazard scenario involving the release of gases or vapours: <ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. b. For any hazard scenario involving fire or explosion: <ul style="list-style-type: none"> i. 7kPa overpressure; ii. 4.7kW/m2 heat radiation. <p>If criteria AO13.1 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 0.5×10^{-6}/year.</p>
	<p>AO14.2</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of a commercial or community activity land use zone as described below:</p> <p>Dangerous Dose</p> <ul style="list-style-type: none"> a. For any hazard scenario involving the release of gases or vapours: <ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. b. For any hazard scenario involving fire or explosion: <ul style="list-style-type: none"> i. 7kPa overpressure; ii. 4.7kW/m2 heat radiation. <p>If criteria AO13.2 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 5×10^{-6}/year.</p>
	<p>AO14.3</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of an industrial land use zone as described below:</p>

	<p>Dangerous Dose</p> <ul style="list-style-type: none"> a. For any hazard scenario involving the release of gases or vapours: <ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. b. For any hazard scenario involving fire or explosion: <ul style="list-style-type: none"> i. 14kPa overpressure; ii. 12.6kW/m² heat radiation. <p>If criteria AO13.3 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 50 x 10⁻⁶/year.</p>
<p>PO15</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are designed to detect the early stages of a fire situation and notify a designated person.</p>	<p>AO15</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are provided with 24 hour monitored fire detection system for early detection of a fire event.</p>
<p>PO16</p> <p>Common storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) that are adequate to contain releases, including fire fighting media.</p>	<p>AO16</p> <p>Storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) capable of containing a minimum of the total aggregate capacity of all packages plus the maximum operating capacity of any fire protection system for the storage area(s) over a minimum of 60 minutes.</p>
<p>PO17</p> <p>Storage and handling areas, including manufacturing areas, containing hazardous chemicals in quantities greater than 2,500L or kg within a Local Government "flood hazard area" are located and designed in a manner to minimise the likelihood of inundation of flood waters from creeks, rivers, lakes or estuaries.</p>	<p>AO17.1</p> <p>The base of any tank with a WC >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area. Alternatively:</p> <ul style="list-style-type: none"> a. bulk tanks are anchored so they cannot float if submerged or inundated by water; and b. tank openings not provided with a liquid tight seal, i.e. an atmospheric vent, are extended above the relevant flood height level. <p>AO17.2</p> <p>The lowest point of any storage area for packages >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area.</p>

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	Alternatively, package stores are provided with impervious bund walls or racking systems higher than the relevant flood height level.
Clearing of habitat trees where not located within the Environmental areas overlay map.	
<p>PO18</p> <p>a. Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected.</p> <p>b. Development does not result in the net loss of fauna habitat. Where development does result in the loss of habitat tree, development will provide replacement fauna nesting boxes at the following rate of 1 nest box for every hollow removed. Where hollows have not yet formed in trees > 80cm in diameter at 1.3m height, 3 nest boxes are required for every habitat tree removed.</p> <p>c. Development does not result in soil erosion or land degradation or leave land exposed for an unreasonable period of time but is rehabilitated in a timely manner</p> <p>Note: Further guidance on habitat trees is provided in Planning scheme policy - Environmental areas</p>	No acceptable outcome provided
Works criteria	
Utilities	
<p>PO19</p> <p>Where the site adjoins or is opposite to a Park⁽⁵⁷⁾, foreshore or Humpybong Reserve all existing overhead power lines are to be undergrounded for the full frontage of the site.</p>	No acceptable outcome provided
<p>PO20</p> <p>The development is connected to an existing reticulated electricity supply system approved by the relevant energy regulating authority.</p>	<p>AO20</p> <p>Development is connected to underground electricity.</p>
<p>PO21</p> <p>The development has access to telecommunications and broadband services in accordance with current standards.</p>	No acceptable outcome provided
<p>PO22</p> <p>Where available the development is to safely connect to reticulated gas.</p>	No acceptable outcome provided

<p>PO23</p> <p>The development provides for the treatment and disposal of sewage and other waste water in a way that will not cause environmental harm or pose a risk to public health.</p>	<p>AO23.1</p> <p>Where in a sewerage area, the development is connected to a reticulated sewerage network.</p>
	<p>AO23.2</p> <p>Where not in a sewerage area, the development is serviced by an appropriate on-site sewerage facility.</p> <p>Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.</p>
	<p>AO23.3</p> <p>Trade waste is pre-treated on-site prior to discharging into the sewerage network.</p>
<p>PO24</p> <p>The development is provided with an adequate and sustainable supply of potable (drinking and general use e.g. gardening, washing, fire fighting) water.</p>	<p>AO24.1</p> <p>Where in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is connected to the reticulated water supply system in accordance with the South East Queensland Water Supply and Sewerage Design and Construction Code and the relevant Water Service Association of Australia (WSAA) codes and standards.</p>
	<p>AO24.2</p> <p>Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.</p>
<p>PO25</p> <p>The development is provided with constructed and dedicated road access.</p>	<p>No acceptable outcome provided</p>
<p>Access</p>	
<p>PO26</p> <p>Development provides functional and integrated car parking and vehicle access, that:</p> <p>a. prioritises the movement and safety of pedestrians between car parking areas at the rear through to the 'main street' and the entrance to the building (e.g. rear entry, arcade etc.);</p>	<p>No acceptable outcome provided</p>

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<p>b. provides safety and security of people and property at all times;</p> <p>c. does not impede active transport options;</p> <p>d. does not impact on the safe and efficient movement of traffic external to the site;</p> <p>e. where possible vehicle access points are consolidated and shared with adjoining sites.</p> <p>Note - Refer to Planning scheme policy - Centre and neighbourhood hub design for details and examples.</p>	
<p>PO27</p> <p>Where required, access easements contain a driveway and provision for services appropriate to the use. The easement covers all works associated with the access in accordance with Planning scheme policy - Integrated design.</p>	<p>No acceptable outcome provided</p>
<p>PO28</p> <p>The layout of the development does not compromise:</p> <p>a. the development of the road network in the area;</p> <p>b. the function or safety of the road network;</p> <p>c. the capacity of the road network.</p> <p>Note - The road hierarchy is mapped on Overlay map - Road hierarchy.</p>	<p>AO28.1</p> <p>Direct vehicle access for residential development does not occur from arterial or sub-arterial roads or a motorway.</p> <p>Editor's note - Residential developments should consider amalgamation with the lot to the rear and gaining access via a laneway.</p> <p>Note - The road hierarchy is mapped on Overlay map - Road hierarchy.</p> <hr/> <p>AO28.2</p> <p>The development provides for the extension of the road network in the area in accordance with Council's road network planning.</p> <hr/> <p>AO28.3</p> <p>The development does not compromise future road widening of frontage roads in accordance with the relevant standard and Council's road planning.</p> <hr/> <p>AO28.4</p> <p>The lot layout allows forward access to and from the site.</p>
<p>PO29</p> <p>Safe access is provided for all vehicles required to access the site.</p>	<p>AO29.1</p> <p>Site access and driveways are designed and located in accordance with:</p>

	<p>a. Where for a Council-controlled road, AS/NZS2890.1 section 3; or</p> <p>b. Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval.</p> <p>AO29.2</p> <p>Internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.</p> <p>Note - This includes queue lengths (refer to Schedule 8 Service vehicle requirements), pavement widths and construction.</p> <p>AO29.3</p> <p>Access driveways, manoeuvring areas and loading facilities provide for service vehicles listed in Schedule 8 Service vehicle requirements for the relevant use. The on-site manoeuvring is to be in accordance with Schedule 8 Service vehicle requirements.</p>
<p>PO30</p> <p>Upgrade works (whether trunk or non-trunk) are provided where necessary to:</p> <p>a. ensure the type or volume of traffic generated by the development does not have a negative impact on the external road network;</p> <p>b. ensure the orderly and efficient continuation of the active transport network;</p> <p>c. ensure the site frontage is constructed to a suitable urban standard generally in accordance with Planning scheme policy - Integrated design.</p> <p>Note - An Integrated Transport Assessment (ITA) may be required to demonstrate compliance with this performance outcome refer to Planning scheme policy - Integrated transport assessment for guidance on when an ITA is required. An ITA should be prepared in accordance with Planning scheme policy - Integrated transport assessment.</p> <p>Note - The road network is mapped on Overlay map - Road hierarchy.</p> <p>Note - The primary and secondary active transport network is mapped on Overlay map - Active transport.</p> <p>Note - To demonstrate compliance with c. of this performance outcome, site frontage works where in existing road reserve (non-trunk) are to be designed and constructed as follows:</p> <p>i. Where the street is partially established to an urban standard, match the alignment of existing kerb and channel and provide</p>	<p>No acceptable outcome provided</p>

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<p>carriageway widening and underground drainage where required; or</p> <p>ii. Where the street is not established to an urban standard, prepare a design that demonstrates how the relevant features of the particular road as shown in the Planning scheme policy - Integrated Design can be achieved in the existing reserve.</p> <p>Note - Refer to Planning scheme policy - Integrated design for road network and active transport network design standards.</p>	
<p>Stormwater</p>	
<p>PO31</p> <p>Stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p> <p>Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.</p>	<p>No acceptable outcome provided</p>
<p>PO32</p> <p>Stormwater generated from the development does not compromise the capacity of existing stormwater infrastructure downstream of the site.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p>	<p>No acceptable outcome provided</p>
<p>PO33</p> <p>Stormwater quality management systems are designed and constructed to minimise the environmental impact of stormwater discharge on surface and underground receiving water quality and meet the design objectives in Tables A and B in Appendix 3 of the SPP.</p> <p>Note - A stormwater management plan prepared by a suitably qualified professional will be required in accordance with Planning scheme policy - Stormwater management.</p>	<p>No acceptable outcome provided</p>
<p>PO34</p> <p>Easements for drainage purposes are provided over:</p>	<p>No acceptable outcome provided</p>

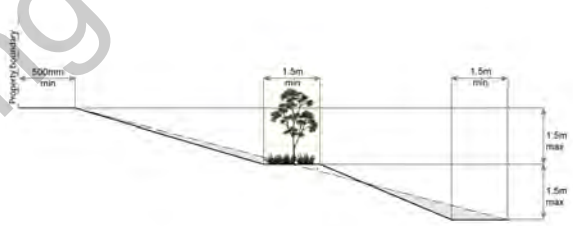
<p>a. stormwater pipes located in freehold land if the pipe diameter exceeds 300mm;</p> <p>b. overland flow paths where they cross more than one property boundary.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	
Site works and construction management	
<p>PO35</p> <p>The site and any existing structures are maintained in a tidy and safe condition.</p>	<p>No acceptable outcome provided</p>
<p>PO36</p> <p>All works on-site are managed to:</p> <p>a. minimise as far as practicable, impacts on adjoining or adjacent premises and the streetscape in regard to erosion and sedimentation, dust, noise, safety and light;</p> <p>b. minimise as far as possible, impacts on the natural environment;</p> <p>c. ensure stormwater discharge is managed in a manner that does not cause nuisance or annoyance to any person or premises;</p> <p>d. avoid adverse impacts on street trees and their critical root zone.</p>	<p>AO36.1</p> <p>Works incorporate temporary stormwater runoff, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design, including but not limited to the following:</p> <p>a. stormwater is not discharged to adjacent properties in a manner that differs significantly from pre-existing conditions;</p> <p>b. stormwater discharged to adjoining and downstream properties does not cause scour and erosion;</p> <p>c. stormwater discharge rates do not exceed pre-existing conditions;</p> <p>d. the 10% AEP storm event is the minimum design storm for all temporary diversion drains; and</p> <p>e. the 50% AEP storm event is the minimum design storm for all silt barriers and sedimentation basins.</p> <p>AO36.2</p> <p>Stormwater runoff, erosion and sediment controls are constructed prior to commencement of any clearing or earthworks and are maintained and adjusted as necessary at all times to ensure their ongoing effectiveness.</p> <p>Note - The measures are adjusted on-site to maximise their effectiveness.</p> <p>AO36.3</p> <p>The completed earthworks area is stabilised using turf, established grass seeding, mulch or sprayed stabilisation techniques to control erosion and sediment and dust from leaving the property.</p>

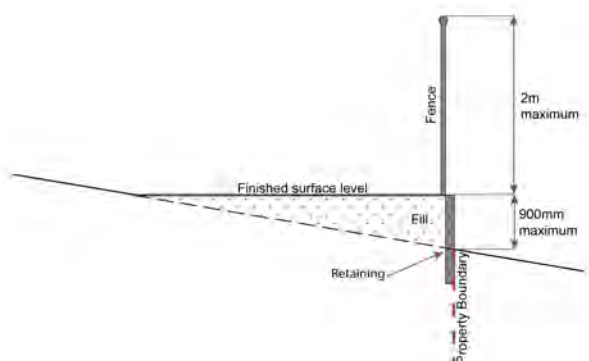
6 Zones

	<p>AO36.4</p> <p>Where works are proposed in proximity to an existing street tree, an inspection and a root management plan is undertaken by a qualified arborist which demonstrates and ensures that no permanent damage is caused to the tree.</p>
<p>PO37</p> <p>Dust suppression measures are implemented during soil disturbances and construction works to protect nearby premises from unreasonable dust impacts.</p>	<p>AO37</p> <p>No dust emissions extend beyond the boundaries of the site during soil disturbances and construction works.</p>
<p>PO38</p> <p>All works on-site and the transportation of material to and from the site are managed to not negatively impact the existing road network, the amenity of the surrounding area or the streetscape.</p> <p>Note - Where the amount of imported or exported material is greater than 50m³, a haulage route must be identified and approved by Council.</p>	<p>AO38.1</p> <p>Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.</p>
	<p>AO38.2</p> <p>All contractor car parking is either provided on the development site, or on an alternative site in the general locality which has been set aside for car parking. Contractors vehicles are generally not to be parked in existing roads.</p> <p>Note - A Traffic Management Plan may be required for the site in accordance with the Manual of Uniform Traffic Control Devices (MUTCD).</p>
	<p>AO38.3</p> <p>Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.</p>
<p>PO39</p> <p>All disturbed areas are rehabilitated at the completion of construction.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p>	<p>AO39</p> <p>At completion of construction all disturbed areas of the site are to be:</p> <ol style="list-style-type: none"> a. topsoiled with a minimum compacted thickness of fifty (50) millimetres; b. grassed. <p>Note - These areas are to be maintained during any maintenance period to maximise grass coverage from grass seeding of these areas.</p>
<p>PO40</p>	<p>AO40.1</p>

<p>The clearing of vegetation on-site:</p> <ol style="list-style-type: none"> is limited to the area of infrastructure works, building areas and other necessary areas for the works; and includes the removal of declared weeds and other materials which are detrimental to the intended use of the land; is disposed of in a manner which minimises nuisance and annoyance to existing premises. <p>Note - No burning of cleared vegetation is permitted.</p>	<p>All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works.</p> <p>Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.</p>
<p>PO41</p> <p>Any alteration or relocation in connection with or arising from the development to any service, installation, plant, equipment or other item belonging to or under the control of the telecommunications authority, electricity authorities, the Council or other person engaged in the provision of public utility services is to be carried with the development and at no cost to Council.</p>	<p>No acceptable outcome provided</p>
Earthworks	
<p>PO42</p> <p>On-site earthworks are designed to consider the visual and amenity impact as they relate to:</p> <ol style="list-style-type: none"> the natural topographical features of the site; short and long-term slope stability; soft or compressible foundation soils; reactive soils; low density or potentially collapsing soils; existing fill and soil contamination that may exist on-site; the stability and maintenance of steep rock slopes and batters; excavation (cut) and fill and impacts on the amenity of adjoining lots (e.g. residential). <p>Note - Filling or excavation works are to be completed within six months of the commencement date.</p>	<p>AO42.1</p> <p>All cut and fill batters are provided with appropriate scour, erosion protection and run-off control measures including catch drains at the top of batters and lined batter drains as necessary.</p> <p>AO42.2</p> <p>Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance of steep rock slopes and batters.</p> <p>AO42.3</p> <p>Inspection and certification of steep rock slopes and batters is required by a suitably qualified and experienced RPEQ.</p> <p>AO42.4</p>

6 Zones

	<p>All filling or excavation is contained on-site.</p> <p>AO42.5</p> <p>All fill placed on-site is:</p> <ol style="list-style-type: none"> limited to that required for the necessary approved use; clean and uncontaminated (i.e. no building waste, concrete, green waste or contaminated material etc. is used as fill). <p>AO42.6</p> <p>The site is prepared and the fill placed on-site in accordance with AS3798.</p> <p>Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures.</p>
<p>PO43</p> <p>Embankments are stepped, terraced and landscaped to not adversely impact on the visual amenity of the surrounding area.</p>	<p>AO43</p> <p>Any embankments more than 1.5 metres in height are stepped, terraced and landscaped.</p> <p>Figure - Embankment</p> 
<p>PO44</p> <p>Filling or excavation is undertaken in a manner that:</p> <ol style="list-style-type: none"> does not adversely impact on a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land; does not preclude reasonable access to a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land for monitoring, maintenance or replacement purposes. <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>	<p>AO44.1</p> <p>No filling or excavation is undertaken in an easement issued in favour of Council or a public sector entity.</p> <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p> <p>AO44.2</p> <p>Filling or excavation that would result in any of the following is not carried out on-site:</p> <ol style="list-style-type: none"> a reduction in cover over any Council or public sector entity infrastructure service to less than 600mm; an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the earthworks being undertaken.

	<p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>
<p>PO45</p> <p>Filling or excavation does not result in land instability.</p> <p>Note - Steep rock slopes and batters are inspected and certified for long-term stability by a suitably qualified and experienced geotechnical engineer with RPEQ qualifications. Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance.</p>	<p>No acceptable outcome provided</p>
<p>PO46</p> <p>Development does not result in</p> <ol style="list-style-type: none"> adverse impacts on the hydrological and hydraulic capacity of the waterway or floodway; increased flood inundation outside the site; any reduction in the flood storage capacity in the floodway; and any clearing of native vegetation. <p>Note - To demonstrate compliance with this outcome, Planning Scheme Policy - Stormwater Management provides guidance on the preparation of a site based stormwater management plan by a suitably qualified professional. Refer to Planning scheme policy - Integrated design for guidance on infrastructure design and modelling requirements.</p>	<p>No acceptable outcome provided.</p>
<p>Retaining walls and structures</p>	
<p>PO47</p> <p>All earth retaining structures provide a positive interface with the streetscape and minimise impacts on the amenity of adjoining residents.</p>	<p>AO47</p> <p>Earth retaining structures:</p> <ol style="list-style-type: none"> are not constructed of boulder rocks or timber; where height is no greater than 900mm, are provided in accordance with Figure - Retaining on a boundary; <p style="text-align: center;">Figure - Retaining on boundary</p> 

- c. where height is greater than 900mm but no greater than 1.5m, are to be setback at least the equivalent height of the retaining structure from any property boundary;
- d. where height is greater than 1.5m, are to be setback and stepped 1.5m vertical: 1.5m horizontal, terraced, landscaped and drained as shown below.

Figure - Cut

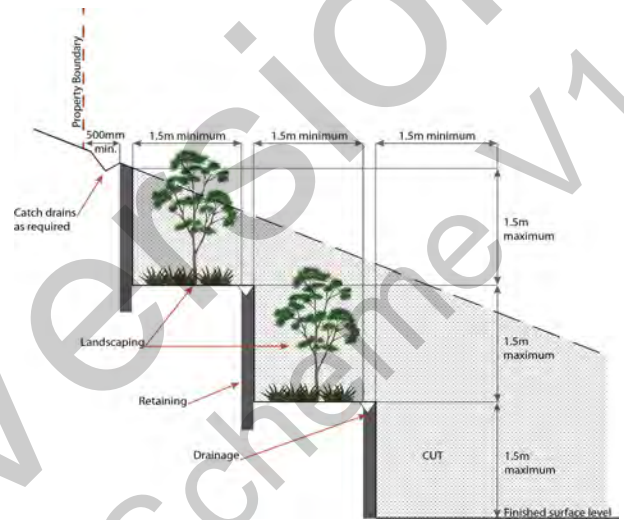
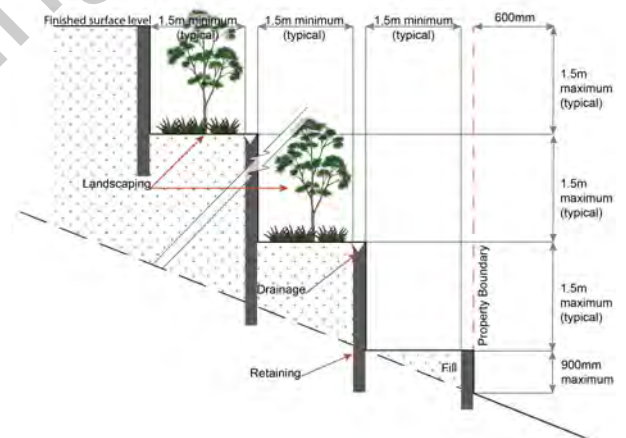


Figure - Fill



Fire Services

Note - The provisions under this heading only apply if:

- a. the development is for, or incorporates:
 - i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or
 - ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or
 - iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or
 - iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials.

AND

- b. none of the following exceptions apply:

- i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or
- ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site.

Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.

PO48

Development incorporates a fire fighting system that:

- a. satisfies the reasonable needs of the fire fighting entity for the area;
- b. is appropriate for the size, shape and topography of the development and its surrounds;
- c. is compatible with the operational equipment available to the fire fighting entity for the area;
- d. considers the fire hazard inherent in the materials comprising the development and their proximity to one another;
- e. considers the fire hazard inherent in the surrounds to the development site;
- f. is maintained in effective operating order.

Note - The Queensland Fire and Emergency Services is the entity currently providing the fire fighting function for the urban areas of the Moreton Bay Region.

AO48.1

External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of *Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations*.

Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005) that may be applicable:

- a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative;
- b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005);
- c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that:
 - i. for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings;
 - ii. for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans;
 - iii. for outdoor sales⁽⁵⁴⁾, processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities;
- d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and, where applicable, Part 3.6.

AO48.2

A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:

- a. an unobstructed width of no less than 3.5m;
- b. an unobstructed height of no less than 4.8m;
- c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance;
- d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.

AO48.3

6 Zones

	<p>On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in <i>Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment</i>.</p>
<p>PO49</p> <p>On-site fire hydrants that are external to buildings, as well as the available fire fighting appliance access routes to those hydrants, can be readily identified at all times from, or at, the vehicular entry point to the development site.</p>	<p>AO49</p> <p>For development that contains on-site fire hydrants external to buildings:</p> <ol style="list-style-type: none"> a. those external hydrants can be seen from the vehicular entry point to the site; or b. a sign identifying the following is provided at the vehicular entry point to the site: <ol style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager's office (where provided); v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points. <p>Note - The sign prescribed above, and the graphics used are to be:</p> <ol style="list-style-type: none"> a. in a form; b. of a size; c. illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>
<p>PO50</p> <p>Each on-site fire hydrant that is external to a building is signposted in a way that enables it to be readily identified at all times by the occupants of any firefighting appliance traversing the development site.</p>	<p>AO50</p> <p>For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavement markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads.</p> <p>Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.</p>

Use specific criteria	
Cemetery ⁽¹²⁾	
PO51 The columbarium is: <ol style="list-style-type: none"> for a maximum of 100 spaces; no greater than 2m in height; only for interment of members of the Confraternity; compatible with the scenic, ecological and rural qualities and function of the surrounding landscape. 	No acceptable outcome provided.
Child care centre ⁽¹³⁾	
PO52 Development is: <ol style="list-style-type: none"> located in the School Area on Map 1 - Abbey use areas; setback 20m from the road frontage; accessed by shared vehicle access points and access ways with the school; compatible with the scenic, ecological or rural qualities and function of the surrounding landscape. 	No acceptable outcome provided.
Dwelling house ⁽²²⁾	
PO53 Development is: <ol style="list-style-type: none"> separated from other buildings by a minimum distance of 1.5m; setback 50m from all property boundaries; only used to accommodate members of the Confraternity; compatible with the scenic, ecological or rural qualities and function of the surrounding landscape. 	No acceptable outcome provided.
Dwelling house ⁽²²⁾ where including a secondary dwelling	
PO54 Dwelling house ⁽²²⁾ where including a secondary dwelling, the secondary dwelling:	AO54 Dwelling house ⁽²²⁾ where including a secondary dwelling, the secondary dwelling:

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<ul style="list-style-type: none"> a. remains subordinate to the principal dwelling; b. retains its connection with the principal dwelling by: <ul style="list-style-type: none"> i. avoiding the establishment of a separate access; ii. being located within 20m of the principal Dwelling house⁽²²⁾; iii. being a size, scale and design that is not visually dominant, overbearing and inconsistent with the low density, open area character of the precinct. 	<ul style="list-style-type: none"> a. has a maximum GFA of 100m²; b. obtains access from the existing driveway giving access to the Dwelling house⁽²²⁾; c. is setback 50m from all property boundaries; d. is located within 20m of the principal Dwelling house⁽²²⁾; e. is separated from other dwellings by a minimum distance of 1.5m; f. is only used to accommodate members of the Confraternity.
Educational establishment ⁽²⁴⁾	
<p>PO55</p> <p>Development is:</p> <ul style="list-style-type: none"> a. located in the School Area on Map 1 - Abbey use areas; b. compatible with the scenic, ecological or rural qualities and function of the surrounding landscape. 	<p>No acceptable outcome provided.</p>
Home based business ⁽³⁵⁾	
<p>PO56</p> <p>Development:</p> <ul style="list-style-type: none"> a. is subordinate in size and function of the primary use of the dwelling as a permanent residence; b. does not adversely impact upon the low density, low intensity built form and open area character and amenity of the precinct; c. ensures the nature, scale and intensity of the home based business⁽³⁵⁾ does not result in adverse visual or nuisance impacts on the residents in adjoining or nearby dwellings; d. results in a vehicular and pedestrian traffic generation consistent with that reasonably expected in the surrounding low density, low intensity built form and open area character and amenity of the surrounding rural area; e. ensures service and delivery vehicles do not negatively impact the amenity of the area. 	<p>No acceptable outcome provided.</p>
<p>PO57</p>	<p>AO57.1</p>

<p>Home based business⁽³⁵⁾ does not result in:</p> <ol style="list-style-type: none"> an adverse visual, odour, particle drift or noise nuisance impact on the residents in adjoining or nearby dwellings; an adverse impact upon the low intensity and open area character and amenity anticipated in the locality; the establishment of vehicle servicing or major repairs, spray painting, panel beating or any environmentally relevant activity (ERA). 	<p>Home based business(s)⁽³⁵⁾ do not comprise of vehicle servicing or major repairs, including spray painting or panel beating is carried out on-site.</p>
<p>PO58</p> <p>On-site display and sale component is limited to the activities undertaken on the site and does not result in:</p> <ol style="list-style-type: none"> the display and sale of goods being viewed from beyond the site; the overall development on the site having a predominantly commercial appearance. 	<p>AO57.2</p> <p>Home based business(s)⁽³⁵⁾ do not comprise an environmentally relevant activity (ERA) as defined in the <i>Environmental Protection Regulation 2008</i>.</p>
<p>PO59</p> <p>The hours of operation do not cause a nuisance or have a significant adverse impact on the amenity of residents on adjoining and surrounding properties.</p>	<p>AO57.3</p> <p>Home base business(s) do not generate noise that is audible from the boundary of the site or premise.</p> <p>AO58.1</p> <p>Only goods grown, produced or manufactured on-site are sold from the site.</p> <p>AO58.2</p> <p>Display of goods grown, produced or manufactured on-site are contained within a dwelling or on-site structure and the display of goods is not visible from boundary of the site.</p> <p>AO59</p> <p>The hours of operation do not exceed 8:00am to 6:00pm, Monday to Saturday and are not open to the public on Sunday's, Christmas Day, Good Friday and Anzac Day.</p> <p>Note - Office⁽⁵³⁾ or administrative activities that do not generate non-residents visiting the site, such as book-keeping and computer work, may operate outside the hours of operation.</p>
<p>PO60</p> <p>Bed and breakfast and farmstays are of a size and scale that:</p> <ol style="list-style-type: none"> are consistent with the low intensity and open area character and amenity of the surrounding rural area; ensures acceptable levels of privacy and amenity for the residents in adjoining or nearby dwellings. 	<p>AO60</p> <p>For bed and breakfast and farmstays:</p> <ol style="list-style-type: none"> overnight accommodation is provided in the Dwelling house⁽²²⁾ of the accommodation operator. maximum 4 bedrooms are provided for a maximum of 10 guests. meals are served to paying guests only. rooms do not contain food preparation facilities.
<p>Major electricity infrastructure⁽⁴³⁾, Substation⁽⁸⁰⁾ and Utility installation⁽⁸⁶⁾</p>	
<p>PO61</p>	<p>AO61.1</p>

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<p>The development does not have an adverse impact on the visual amenity of a locality and is:</p> <ul style="list-style-type: none"> a. high quality design and construction; b. visually integrated with the surrounding area; c. not visually dominant or intrusive; d. located behind the main building line; e. below the level of the predominant tree canopy or the level of the surrounding buildings and structures; f. camouflaged through the use of colours and materials which blend into the landscape; g. treated to eliminate glare and reflectivity; h. landscaped; i. otherwise consistent with the amenity and character of the zone and surrounding area. 	<p>Development is designed to minimise surrounding land use conflicts by ensuring infrastructure, buildings, structures and other equipment:</p> <ul style="list-style-type: none"> a. are enclosed within buildings or structures; b. are located behind the main building line; c. have a similar height, bulk and scale to the surrounding fabric; d. have horizontal and vertical articulation applied to all exterior walls.
<p>PO62</p>	<p>AO61.2</p>
<p>Infrastructure does not have an impact on pedestrian health and safety.</p>	<p>A minimum 3m wide strip of dense planting is provided around the outside of the fenced area, between the development and street frontage, side and rear boundaries.</p> <p>AO62</p> <p>Access control arrangements:</p> <ul style="list-style-type: none"> a. do not create dead-ends or dark alleyways adjacent to the infrastructure; b. minimise the number and width of crossovers and entry points; c. provide safe vehicular access to the site; d. do not utilise barbed wire or razor wire.
<p>PO63</p>	<p>AO63</p>
<p>All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility:</p> <ul style="list-style-type: none"> a. generates no audible sound at the site boundaries where in a residential setting; or b. meet the objectives as set out in the Environmental Protection (Noise) Policy 2008. 	<p>All equipment which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure noise emissions meet the objectives as set out in the Environmental Protection (Noise) Policy 2008.</p>
<p>Market ⁽⁴⁶⁾</p>	
<p>PO64</p> <p>Markets⁽⁴⁶⁾ are located and laid out in a manner that provides for:</p> <ul style="list-style-type: none"> a. convenient pedestrian access and movement between proposed stalls; b. view corridors and legibility between stalls to adjacent roads, c. directional and information signage and surrounding uses; d. pedestrian comfort and safety, including the provision of public toilet facilities; 	<p>No acceptable outcome provided.</p>

<ul style="list-style-type: none"> e. waste and rubbish disposal facilities appropriate to the type and scale of the proposed market⁽⁴⁶⁾; f. emergency vehicle access to and within the market⁽⁴⁶⁾; g. safe, convenient and accessible car parking is provided to meet demand. 	
Multiple dwelling ⁽⁴⁹⁾	
<p>PO65</p> <p>Dwellings are:</p> <ul style="list-style-type: none"> a. provided in the form of detached buildings; b. limited on-site to a maximum of 20; c. separated by a minimum distance of 1.5m and maximum distance of 10m; d. setback 50m from all property boundaries; e. used only to accommodate members of the Confraternity; f. compatible with the scenic, ecological or rural qualities and function of the surrounding landscape. 	<p>No acceptable outcome provided.</p>
Rural workers' accommodation ⁽⁷¹⁾	
<p>PO66</p> <p>Rural workers' accommodation⁽⁷¹⁾:</p> <ul style="list-style-type: none"> a. provides quarters only for staff employed to work the land for rural purposes; b. is compatible with the scenic, ecological or rural qualities and function of the surrounding landscape; c. is screened and landscaped in a manner so it is not visible from a road; d. does not result in adverse visual or noise nuisance on the residents in adjoining or nearby dwellings. 	<p>AO66</p> <p>Rural workers' accommodation⁽⁷¹⁾:</p> <ul style="list-style-type: none"> a. is located in the Residential Area of Map 1 - Abbey use areas; b. is limited to 1 per lot; c. consists of 1 structure; d. accommodates no more than 12 rural workers; e. obtains access from the existing driveway giving access to the Dwelling house⁽²²⁾.
<p>Telecommunications facility ⁽⁸¹⁾</p> <p>Editor's note - In accordance with the Federal legislation Telecommunications facilities ⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3Khz to 300Ghz.</p>	
PO67	AO67.1

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<p>Telecommunications facilities⁽⁸¹⁾ are co-located with existing telecommunications facilities⁽⁸¹⁾, Utility installation⁽⁸⁶⁾, Major electricity infrastructure⁽⁴³⁾ or Substation⁽⁸⁰⁾ if there is already a facility in the same coverage area.</p>	<p>New telecommunication facilities⁽⁸¹⁾ are co-located on existing towers with new equipment shelter and associated structures positioned adjacent to the existing shelters and structures.</p>
<p>PO68</p> <p>A new Telecommunications facility⁽⁸¹⁾ is designed and constructed to ensure co-masting or co-siting with other carriers both on the tower or pole and at ground level is possible in the future.</p>	<p>AO67.2</p> <p>If not co-located with an existing facility, all co-location opportunities have been investigated and fully exhausted within a 2km radius of the site.</p>
<p>PO69</p> <p>Telecommunications facilities⁽⁸¹⁾ do not conflict with lawful existing land uses both on and adjoining the site.</p>	<p>AO68</p> <p>A minimum of 45m² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.</p> <p>AO69</p> <p>The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.</p>
<p>PO70</p> <p>The Telecommunications facility⁽⁸¹⁾ does not have an adverse impact on the visual amenity of a locality and is:</p> <ol style="list-style-type: none"> high quality design and construction; visually integrated with the surrounding area; not visually dominant or intrusive; located behind the main building line; below the level of the predominant tree canopy or the level of the surrounding buildings and structures; camouflaged through the use of colours and materials which blend into the landscape; treated to eliminate glare and reflectivity; landscaped; otherwise consistent with the amenity and character of the zone and surrounding area. 	<p>AO70.1</p> <p>Where in an urban area, the development does not protrude more than 5m above the level of the existing treeline, prominent ridgeline or building rooftops in the surrounding townscape.</p> <p>AO70.2</p> <p>In all other areas towers do not exceed 35m in height.</p> <p>AO70.3</p> <p>Towers, equipment shelters and associated structures are of a design, colour and material to:</p> <ol style="list-style-type: none"> reduce recognition in the landscape; reduce glare and reflectivity. <p>AO70.4</p> <p>All structures and buildings are setback behind the main building line and a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.</p> <p>Where there is no established building line the facility is located at the rear of the site.</p>

	<p>AO70.5</p> <p>The facility is enclosed by security fencing or by other means to ensure public access is prohibited.</p>
	<p>AO70.6</p> <p>A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the facility and street frontage and adjoining uses.</p> <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p> <p>Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person, to ensure compliance with Planning scheme policy - Integrated design.</p>
<p>PO71</p> <p>Lawful access is maintained to the site at all times that does not alter the amenity of the landscape or surrounding uses.</p>	<p>AO71</p> <p>An Access and Landscape Plan demonstrates how 24 hour vehicular access will be obtained and maintained to the facility in a manner that is appropriate to the site's context.</p>
<p>PO72</p> <p>All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility generates no audible sound at the site boundaries where in a residential setting.</p>	<p>AO72</p> <p>All equipment comprising the Telecommunications facility⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.</p>
<p>Tourist attraction⁽⁸³⁾</p>	
<p>PO73</p> <p>Development:</p> <ol style="list-style-type: none"> is compatible with the scenic, ecological or rural qualities and function of the surrounding landscape; involving events, occur on an occasional and sporadic basis; provides convenient and safe pedestrian access and movement; is of a size, scale, intensity and design that minimises the potential for adverse noise, visual, privacy and traffic impacts on adjoining or nearby residents. 	<p>No acceptable outcome provided.</p>
<p>Tourist park⁽⁸⁴⁾</p>	
<p>PO74</p>	<p>No acceptable outcome provided.</p>

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<p>Development:</p> <ul style="list-style-type: none"> a. is not, or does not act, as a permanent place of residence for persons where a typical period of time does not exceed 3 consecutive months; b. is of a size, scale, intensity and design that minimises the potential for adverse noise, visual, privacy and traffic impacts on adjoining or nearby residents; c. is compatible with the scenic, ecological or rural qualities and function of the surrounding landscape; d. provides suitable open space, buildings and facilities that meet the recreational, social and amenity needs of people staying on-site; e. provides landscaping to buffer adjoining properties from the activities occurring on-site. 	
Values and constraint criteria	
<p>Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)</p> <p>Note - To demonstrate achievement of the performance outcome, an Acid sulfate soils (ASS) investigation report and soil management plan is prepared by a qualified engineer. Guidance for the preparation an ASS investigation report and soil management plan is provided in Planning scheme policy - Acid sulfate soils.</p>	
<p>PO75</p> <p>Development avoids disturbing acid sulfate soils. Where development disturbs acid sulfate soils, development:</p> <ul style="list-style-type: none"> a. is managed to avoid or minimise the release of surface or groundwater flows containing acid and metal contaminants into the environment; b. protects the environmental and ecological values and health of receiving waters; c. protects buildings and infrastructure from the effects of acid sulfate soils. 	<p>AO75</p> <p>Development does not involve:</p> <ul style="list-style-type: none"> a. excavation or otherwise removing of more than 100m³ of soil or sediment where below than 5m Australian Height datum AHD; or b. filling of land of more than 500m³ of material with an average depth of 0.5m or greater where below the 5m Australian Height datum AHD.
<p>Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)</p> <p>Note - To demonstrate achievement of the performance outcomes, a bushfire management plan is prepared by a suitably qualified person. Guidance for the preparation of a bushfire management plan is provided in Planning scheme policy – Bushfire hazard areas.</p> <p>Note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.</p>	
<p>PO76</p> <p>Development:</p> <ul style="list-style-type: none"> a. minimises the number of buildings and people working and living on a site exposed to bushfire risk; 	<p>AO76.1</p> <p>Buildings and structures are:</p> <ul style="list-style-type: none"> a. not located on a ridgeline;

<ul style="list-style-type: none"> b. ensures the protection of life during the passage of a fire front; c. is located and designed to increase the chance of survival of buildings and structures during a bushfire; d. minimises bushfire risk from build up of fuels around buildings and structures; e. ensure safe and effective access for emergency services during a bushfire. 	<ul style="list-style-type: none"> b. not located on land with a slope greater than 15% (see Overlay map - Landslide hazard (for land having a slope greater than 15%)); c. dwellings are located on east to south facing slopes. <p>AO76.2</p> <p>Buildings and structures have contained within the site:</p> <ul style="list-style-type: none"> a. a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; b. a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; c. a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures; d. an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and e. an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%: <ul style="list-style-type: none"> i. to, and around, each building and other roofed structure; and ii. to each fire fighting water supply extraction point. <p>Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959</p>
<p>PO77</p> <p>Development and associated driveways and access ways:</p> <ul style="list-style-type: none"> a. avoid potential for entrapment during a bushfire; b. ensure safe and effective access for emergency services during a bushfire; c. enable safe evacuation for occupants of a site during a bushfire. 	<p>AO77</p> <p>A length of driveway:</p> <ul style="list-style-type: none"> a. to a road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; b. has a maximum gradient no greater than 12.5%; c. have a minimum width of 3.5m; d. accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
<p>PO78</p>	<p>AO78</p>

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<p>Development provides an adequate water supply for fire-fighting purposes.</p>	<ol style="list-style-type: none"> a. a reticulated water supply is provided by a distributor retailer for the area or; b. where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is located within 10m of buildings and structures. c. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access is provided to within 3m of that water storage source. d. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ol style="list-style-type: none"> i. a hardstand area allowing medium rigid vehicles (15 tonne fire appliance) access within 6m of the tank; ii. fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 200mm (minimum) to accommodate suction lines.
<p>PO79</p> <p>Development:</p> <ol style="list-style-type: none"> a. does not present unacceptable risk to people or environment due to the impact of bushfire on dangerous goods or combustible liquids; b. does not present danger or difficulty to emergency services for emergency response or evacuation. <p>Editor's note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.</p>	<p>AO79</p> <p>Development does not involve the manufacture or storage of hazardous chemicals.</p>
<p>Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)</p> <p>Note – The following are exempt from the native vegetation clearing provisions of this planning scheme:</p> <ol style="list-style-type: none"> a. Clearing of native vegetation located within an approved development footprint; b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; 	

- g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;
- h. Grazing of native pasture by stock;
- i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development

Note - Definition for native vegetation is located in Schedule 1 Definitions.

Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.

Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.

Note - To demonstrate achievement of the performance outcome, an ecological assessment, vegetation management plan and fauna management plan, as required, are prepared by a suitably qualified person. Guidance for the preparation of above mentioned reports is provided in Planning scheme policy - Environmental areas.

Vegetation clearing, ecological value and connectivity

PO80

Development avoids locating in a High Value Area or a Value Offset Area. Where it is not practicable or reasonable for development to avoid establishing in these areas, development must ensure that:

- a. the quality and integrity of the biodiversity and ecological values inherent to a High Value Area and a Value Offset Area is maintained and not lost or degraded;
- b. on-site mitigation measures, mechanisms or processes are in place demonstrating the quality and integrity of the biodiversity and ecological values inherent to a High Value Area and a Value Offset Area area maintained. For example, this can be achieved through replacement, restoration or rehabilitation planting as part of any proposed covenant, the development of a Vegetation Management Plan, a Fauna Management Plan, and any other on-site mitigation options identified in the Planning scheme policy - Environmental areas*.

* Editor's note - This is not a requirement for an environmental offset under the Environmental Offsets Act 2014.

No acceptable outcome provided.

PO81

Development provides for safe, unimpeded, convenient and ongoing wildlife movement and establishes and maintains habitat connectivity by:

- a. retaining habitat trees;
- b. providing contiguous patches of habitat;

No acceptable outcome provided.

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<ul style="list-style-type: none"> c. provide replacement and rehabilitation planting to improve connectivity; d. avoiding the creation of fragmented and isolated patches of habitat; e. providing wildlife movement infrastructure. <p>Editor's note - Wildlife movement infrastructure may include refuge poles, tree boulevarding, 'stepping stone' vegetation plantings, tunnels, appropriate wildlife fencing; culverts with ledges, underpasses, overpasses, land bridges and rope bridges. Further information is provided in Planning scheme policy – Environmental areas.</p>	
<p>Vegetation clearing and habitat protection</p>	
<p>PO82</p> <p>Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected.</p>	<p>No acceptable outcome provided.</p>
<p>PO83</p> <p>Development does not result in the net loss or degradation of habitat value in a High Value Area or a Value Offset Area. Where development does result in the loss or degradation of habitat value, development will:</p> <ul style="list-style-type: none"> a. rehabilitate, revegetate, restore and enhance an area to ensure it continues to function as a viable and healthy habitat area; b. provide replacement fauna nesting boxes in the event of habitat tree loss in accordance with Planning scheme policy - Environmental areas; c. undertake rehabilitation, revegetation and restoration in accordance with the South East Queensland Ecological Restoration Framework. 	<p>No acceptable outcome provided.</p>
<p>PO84</p> <p>Development ensures safe, unimpeded, convenient and ongoing wildlife movement and habitat connectivity by:</p> <ul style="list-style-type: none"> a. providing contiguous patches of habitat; b. avoiding the creation of fragmented and isolated patches of habitat; c. providing wildlife movement infrastructure; d. providing replacement and rehabilitation planting to improve connectivity. 	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and soil resource stability</p>	
<p>PO85</p> <p>Development does not:</p>	<p>No acceptable outcome provided.</p>

<ul style="list-style-type: none"> a. result in soil erosion or land degradation; b. leave cleared land exposed for an unreasonable periods of time but is rehabilitated in a timely manner. 	
Vegetation clearing and water quality	
<p>PO86</p> <p>Development maintains or improves the quality of groundwater and surface water within, and downstream, of a site by:</p> <ul style="list-style-type: none"> a. ensuring an effective vegetated buffers and setbacks from waterbodies is retained to achieve natural filtration and reduce sediment loads; b. avoiding or minimising changes to landforms to maintain hydrological water flows; c. adopting suitable measures to exclude livestock from entering a waterbody where a site is being used for animal husbandry⁽⁴⁾ and animal keeping⁽⁵⁾ activities. 	No acceptable outcome provided.
<p>PO87</p> <p>Development minimises adverse impacts of stormwater run-off on water quality by:</p> <ul style="list-style-type: none"> a. minimising flow velocity to reduce erosion; b. minimising hard surface areas; c. maximising the use of permeable surfaces; d. incorporating sediment retention devices; e. minimising channelled flow. 	No acceptable outcome provided.
Vegetation clearing and access, edge effects and urban heat island effects	
<p>PO88</p> <p>Development retains safe and convenient public access in a manner that does not result in the adverse edge effects or the loss or degradation of biodiversity values within the environment.</p>	No acceptable outcomes provided.
<p>PO89</p> <p>Development minimises potential adverse 'edge effects' on ecological values by:</p> <ul style="list-style-type: none"> a. providing dense planting buffers of native vegetation between a development and environmental areas; b. retaining patches of native vegetation of greatest possible size where located between a development and environmental areas ; c. restoring, rehabilitating and increasing the size of existing patches of native vegetation; d. ensuring that buildings and access (public and vehicle) are setback as far as possible from environmental areas and corridors; e. landscaping with native plants of local origin. 	No acceptable outcome provided.

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<p>Editor's note - Edge effects are factors of development that go to detrimentally affecting the composition and density of natural populations at the fringe of natural areas. Factors include weed invasion, pets, public and vehicle access, nutrient loads, noise and light pollution, increased fire frequency and changes in the groundwater and surface water flow.</p>	
<p>PO90</p> <p>Development avoids adverse microclimate change and does not result in increased urban heat island effects. Adverse urban heat island effects are minimised by:</p> <ol style="list-style-type: none"> pervious surfaces; providing deeply planted vegetation buffers and green linkage opportunities; landscaping with local native plant species to achieve well-shaded urban places; increasing the service extent of the urban forest canopy. 	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and Matters of Local Environmental Significance (MLES) environmental offsets</p>	
<p>PO91</p> <p>Where development results in the unavoidable loss of native vegetation within a Value Offset Area MLES waterway buffer or a Value Offset Area MLES wetland buffer, an environmental offset is required in accordance with the environmental offset requirements identified in Planning scheme policy - Environmental areas.</p> <p>Editor's note - For MSES Koala Offsets, State Planning Regulatory Provision environmental offset provisions apply.</p>	<p>No acceptable outcome provided.</p>
<p>Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)</p> <p>Note - To assist in demonstrating achievement of heritage performance outcomes, a Cultural heritage impact assessment report is prepared by a suitably qualified person verifying the proposed development is in accordance with The Australia ICOMOS Burra Charter.</p> <p>Note - To assist in demonstrating achievement of this performance outcome, a Tree assessment report is prepared by a qualified arborist in accordance with Planning scheme policy – Heritage and landscape character. The Tree assessment report will also detail the measures adopted in accordance with AS 4970-2009 Protection of trees on development sites.</p> <p>Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.</p>	
<p>PO92</p> <p>Development will:</p> <ol style="list-style-type: none"> not diminish or cause irreversible damage to the cultural heritage values present on the site, and associated with a heritage site, object or building; 	<p>AO92</p> <p>Development is for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value.</p>

<ul style="list-style-type: none"> b. protect the fabric and setting of the heritage site, object or building; c. be consistent with the form, scale and style of the heritage site, object or building; d. utilise similar materials to those existing, or where this is not reasonable or practicable, neutral materials and finishes; e. incorporate complementary elements, detailing and ornamentation to those present on the heritage site, object or building; f. retain public access where this is currently provided. 	<p>Note - A cultural heritage conservation management plan for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value is prepared in accordance with Planning scheme policy - Heritage and landscape character. The plan is sent to, and approved by Council prior to the commencement of any preservation, maintenance, repair and restoration works.</p>
<p>PO93</p> <p>Demolition and removal is only considered where:</p> <ul style="list-style-type: none"> a. a report prepared by a suitably qualified conservation architect or conservation engineer demonstrates that the building is structurally unsound and is not reasonably capable of economic repair; or b. demolition is confined to the removal of outbuildings, extensions and alterations that are not part of the original structure; or c. limited demolition is performed in the course of repairs, maintenance or restoration; or d. demolition is performed following a catastrophic event which substantially destroys the building or object. 	<p>No acceptable outcome provided.</p>
<p>PO94</p> <p>Where development is occurring on land adjoining a site of cultural heritage value, the development is to be sympathetic to and consistent with the cultural heritage values present on the site and not result in their values being eroded, degraded or unreasonably obscured from public view.</p>	<p>No acceptable outcome provided.</p>
<p>PO95</p> <p>Development does not adversely impact upon the health and vitality of significant trees. Where development occurs in proximity to a significant tree, construction measures and techniques as detailed in AS 4970-2009 Protection of trees on development sites are adopted to ensure a significant tree's health, wellbeing and vitality.</p> <p>Significant trees are only removed where they are in a poor state of health or where they pose a health and safety risk to persons or property. A Tree Assessment report prepared by a suitably qualified arborist confirming a tree's state of health is required to demonstrate achievement of this performance outcome.</p>	<p>AO95</p> <p>Development does:</p> <ul style="list-style-type: none"> a. not result in the removal of a significant tree; b. not occur within 20m of a protected tree; c. involve pruning of a tree in accordance with Australian Standard AS 4373-2007 – Pruning of Amenity Trees.
<p>Landslide (refer Overlay map - Landslide hazard to determine if the following assessment criteria apply)</p>	

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Note - To demonstrate achievement of the performance outcomes, a site-specific geotechnical assessment report is prepared by a qualified engineer. Guidance for the preparation of a geotechnical assessment report is provided in Planning scheme policy – Landslide hazard.

<p>PO96</p> <p>Development:</p> <ul style="list-style-type: none"> a. maintains the safety of people and property on a site and neighbouring sites from landslides; b. ensures the long-term stability of the site considering the full nature and end use of the development; c. ensures site stability during all phases of construction and development; d. minimises disturbance of natural drainage patterns of the site and does not result in the redirection or alteration of the existing flow of surface or groundwater e. minimises adverse visual impacts on the amenity of adjoining residents and provides a positive interface with the streetscape. 	<p>AO96</p> <p>Development does not:</p> <ul style="list-style-type: none"> a. involve earthworks exceeding 50m³; b. involve cut and fill having a height greater than 600mm; c. involve any retaining wall having a height greater than 600mm; d. redirect or alter the existing flow of surface or groundwater.
<p>PO97</p> <p>Buildings are designed to respond to sloping topography in the siting, design and form of buildings and structures by:</p> <ul style="list-style-type: none"> a. minimising overuse of cut and fill to create single flat pads and benching; b. avoiding expanses of retaining walls, loss of trees and vegetation and interference with natural drainage systems; c. minimising any adverse visual impact on the landscape character ; d. Protect the amenity of adjoining properties. 	<p>AO97</p> <p>Buildings, excluding domestic outbuildings:</p> <ul style="list-style-type: none"> a. are split-level, multiple-slab, pier or pole construction; b. are not single plane slab on ground.
<p>PO98</p> <p>Development protects the safety of people, property and the environment from the impacts of landslide on hazardous chemicals manufactured, handled or stored by incorporating design measures to ensure:</p> <ul style="list-style-type: none"> a. the long-term stability of the development site considering the full nature and end use of the development; b. site stability during all phases of construction and development; c. the development is not adversely affected by landslide activity originating on sloping land above the site; d. emergency access and access from the site for the public and emergency vehicles is available and is not at risk from landslide. 	<p>AO98</p> <p>Development does not involve the manufacture, handling or storage of hazardous chemicals.</p>
<p>Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)</p>	

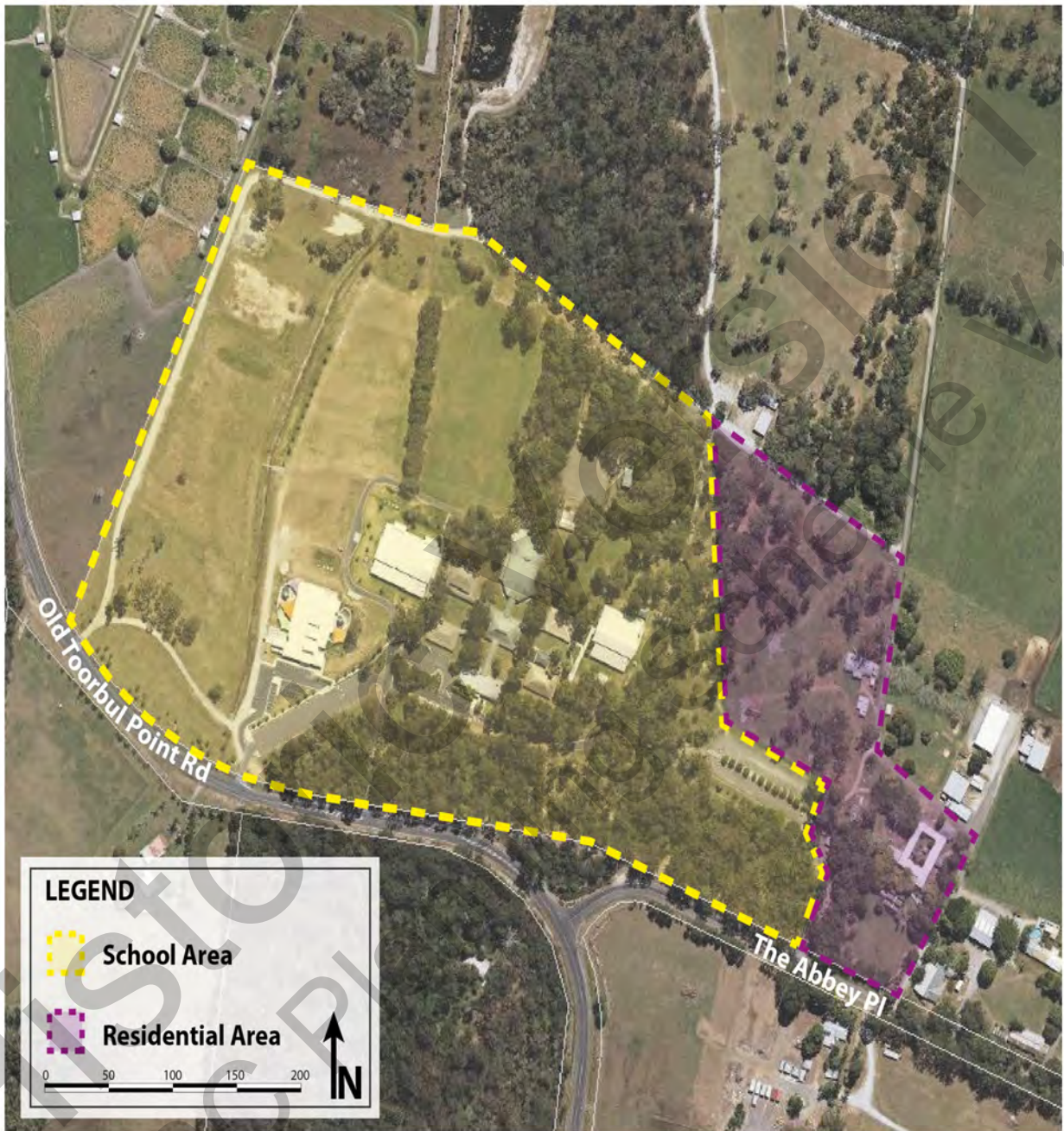
<p>Note - The applicable river and creek flood planning levels associated with defined flood event (DFE) within the inundation area can be obtained by requesting a flood check property report from Council.</p>	
<p>PO99</p> <p>Development:</p> <ul style="list-style-type: none"> a. minimises the risk to persons from overland flow; b. does not increase the potential for damage from overland flow either on the premises or other premises, public land, watercourses, roads or infrastructure. 	<p>No acceptable outcome provided.</p>
<p>PO100</p> <p>Development:</p> <ul style="list-style-type: none"> a. maintains the conveyance of overland flow predominantly unimpeded through the premises for any event up to and including the 1% AEP for the fully developed upstream catchment; b. does not concentrate, intensify or divert overland flow onto an upstream, downstream or surrounding property. <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow.</p>	<p>AO100</p> <p>No acceptable outcome provided.</p>
<p>PO101</p> <p>Development does not:</p> <ul style="list-style-type: none"> a. directly, indirectly or cumulatively cause any increase in overland flow velocity or level; b. increase the potential for flood damage from overland flow either on the premises or other premises, public lands, watercourses, roads or infrastructure. <p>Note - Open concrete drains greater than 1m in width are not an acceptable outcome, nor are any other design options that may increase scouring.</p>	<p>No acceptable outcome provided.</p>
<p>PO102</p> <p>Development ensures that public safety and the risk to the environment are not adversely affected by a detrimental impact of overland flow on a hazardous chemical located or stored on the premises.</p>	<p>AO102</p> <p>Development ensures that a hazardous chemical is not located or stored in an Overland flow path area.</p> <p>Note - Refer to the Work Health and Safety Act 2011 and associated Regulation and Guidelines, the Environmental Protection Act 1994 and the relevant building assessment provisions under the Building Act 1975 for requirements related to the manufacture and storage of hazardous substances.</p>

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<p>PO103</p> <p>Development which is not in a Rural zone ensures that overland flow is not conveyed from a road or public open space onto a private lot.</p>	<p>AO103</p> <p>Development which is not in a Rural zone that an overland flow paths and drainage infrastructure is provided to convey overland flow from a road or public open space area away from a private lot.</p>
<p>PO104</p> <p>Development ensures that inter-allotment drainage infrastructure, overland flow paths and open drains through private property cater for overland flows for a fully developed upstream catchment and are able to be easily maintained.</p> <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>	<p>AO104.1</p> <p>Development ensures that roof and allotment drainage infrastructure is provided in accordance with the following relevant level as identified in QUDM:</p> <ol style="list-style-type: none"> Urban area – Level III; Rural area – N/A; Industrial area – Level V; Commercial area – Level V. <p>AO104.2</p> <p>Development ensures that inter-allotment drainage infrastructure is designed to accommodate any event up to and including the 1% AEP for the fully developed upstream catchment.</p>
<p>PO105</p> <p>Development protects the conveyance of overland flow such that an easement for drainage purposes is provided over:</p> <ol style="list-style-type: none"> a stormwater pipe if the nominal pipe diameter exceeds 300mm; an overland flow path where it crosses more than one premises; inter-allotment drainage infrastructure. <p>Note - Refer to Planning scheme policy - Integrated design for details and examples.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	<p>No acceptable outcome provided.</p>
<p>Additional criteria for development for a Park⁽⁵⁷⁾</p>	
<p>PO106</p> <p>Development for a Park⁽⁵⁷⁾ ensures that the design and layout responds to the nature of the overland flow affecting the premises such that:</p> <ol style="list-style-type: none"> public benefit and enjoyment is maximised; 	<p>AO106</p> <p>Development for a Park⁽⁵⁷⁾ ensures works are provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.</p>

<ul style="list-style-type: none"> b. impacts on the asset life and integrity of park structures is minimised; c. maintenance and replacement costs are minimised. 	
Riparian and wetland setbacks	
<p>PO107</p> <p>Development provides and maintains a suitable setback from waterways and wetlands that protects natural and environmental values. This is achieved by recognising and responding to the following matters:</p> <ul style="list-style-type: none"> a. impact on fauna habitats; b. impact on wildlife corridors and connectivity; c. impact on stream integrity; d. impact of opportunities for revegetation and rehabilitation planting; e. edge effects. 	<p>AO107</p> <p>Development does not occur within:</p> <ul style="list-style-type: none"> a. 50m from top of bank for W1 waterway and drainage line b. 30m from top of bank for W2 waterway and drainage line c. 20m from top of bank for W3 waterway and drainage line d. 100m from the edge of a Ramsar wetland, 50m from all other wetlands. <p>Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>
<p>Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)</p> <p>Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code</p>	

Map 1 - Abbey uses area



6.2.2.2 Airfield precinct

6.2.2.2.1 Purpose – Airfield precinct

1. The purpose of the code will be achieved through the following overall outcomes for the Airfield precinct:
 - a. This precinct comprises the Caboolture and Redcliffe airfields, and is used predominantly for:
 - i. the arrival and departure of aircraft;
 - ii. the housing, refuelling, maintenance and repair of aircraft;
 - iii. the assembly and dispersal of passengers or goods on or from an aircraft;
 - iv. ancillary activities directly serving the needs of passengers and visitors;
 - v. associated training and education facilities;
 - vi. the operation of occasional air shows;
 - vii. other aviation facilities.
 - b. The Caboolture airfield is a recreational airstrip, where commercial operations are not located on the main airfield site;
 - c. The Redcliffe airfield provides a range of air services, including recreational and commercial operations;
 - d. Air traffic generated by air services remain within the capacity of the airfield;
 - e. Development protects and maintains safe and efficient airfield operations, avoids significant adverse effects on the natural environment and minimises impacts on adjacent land.
 - f. Development is designed and operated to provide a high level of amenity and maintains the safety of people and property through Crime Prevention Through Environmental Design principles (CPTED).
 - g. Development is of a scale, height and bulk that provides a high level of amenity and is consistent with the character of the surrounding area.
 - h. Where applicable, development is undertaken in accordance with a Council Master Plan approved under Council policy.
 - i. General works associated with the development achieves the following:
 - i. new development is provided with a high standard of services to meet and support the current and future needs of users of the site, including roads, street lighting services, telecommunications and reticulated electricity (underground wherever possible), water and sewerage (where available);
 - ii. the development manages stormwater to:
 - A. ensure the discharge of stormwater does not adversely affect the quality, environmental values or ecosystem functions of downstream receiving waters;
 - B. prevent stormwater contamination and the release of pollutants;
 - C. maintain or improve the structure and condition of drainage lines and riparian areas;
 - D. avoid off-site adverse impacts from stormwater.
 - iii. the development does not result in unacceptable impacts on the capacity and safety of the external road network;
 - iv. the development ensures the safety, efficiency and useability of access ways and parking areas;
 - v. site works including earthworks are managed to be safe and have minimal impacts on adjoining or adjacent premises, the streetscape or the environment.

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- j. Activities associated with the use do not cause a nuisance by way of aerosols, fumes, light, noise, odour, particles or smoke.
- k. Noise generating uses are designed, sited, constructed and operated to minimise the transmission of noise to appropriate levels and do not cause environmental harm or nuisance.
- l. Noise sensitive uses are designed, sited and constructed so as not to be subject to unacceptable levels of noise.
- m. Development avoids areas subject to constraint, limitation, or environmental value. Where development cannot avoid these identified areas, it responds by:
 - i. adopting a 'least risk, least impact' approach when designing, siting and locating development in any area subject to a constraint, limitation or environmental value to minimise the potential risk to people, property and the environment;
 - ii. ensuring no further instability, erosion or degradation of the land, water or soil resource;
 - iii. when located within a Water buffer area, complying with the Water Quality Vision and Objectives contained in the Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.
 - iv. maintaining, restoring and rehabilitating environmental values, including natural, ecological, biological, aquatic, hydrological and amenity values, and enhancing these values through the provision of planting and landscaping, and facilitating safe wildlife movement and connectivity through:
 - A. the provision of replacement, restoration, rehabilitation planting and landscaping;
 - B. the location, design and management of development to avoid or minimise adverse impacts on ecological systems and processes;
 - C. the requiring of environmental offsets in accordance with the Environmental Offsets Act 2014.
 - v. protecting native species and protecting and enhancing species habitat;
 - vi. protecting and preserving the natural, aesthetic, architectural historic and cultural values of significant trees, places, objects and buildings of heritage and cultural significance;
 - vii. establishing effective separation distances, buffers and mitigation measures associated with identified infrastructure to minimise adverse effects on sensitive land uses from odour, noise, dust and other nuisance generating activities;
 - viii. establishing, maintaining and protecting appropriate buffers to waterways, wetlands, native vegetation and significant fauna habitat;
 - ix. ensuring it promotes and does not undermine the ongoing viability, integrity, operation, maintenance and safety of identified infrastructure;
 - x. ensuring effective and efficient disaster management response and recovery capabilities;
 - xi. where located in an overland flow path:
 - A. development siting, built form, layout and access responds to the risk presented by the overland flow and minimises risk to personal safety;
 - B. development is resilient to the impacts of overland flow by ensuring the siting and design accounts for the potential risks to property associated with the overland flow;
 - C. development does not impact on the conveyance of the overland flow for any event up to and including the 1% AEP for the fully developed upstream catchment;
 - D. development directly, indirectly and cumulatively avoid an increase in the severity of overland flow and potential for damage on the premises or other premises, public lands, watercourses, roads or infrastructure.
- n. Development in the Airfield precinct includes one or more of the following:

<ul style="list-style-type: none"> • Air services⁽³⁾ 	<ul style="list-style-type: none"> • Caretaker's accommodation⁽¹⁰⁾ • Club⁽¹⁴⁾ - if associated with aviation 	<ul style="list-style-type: none"> • Community use⁽¹⁷⁾ - if for a Museum
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o. Development in the Airfield precinct does not include any of the following:

<ul style="list-style-type: none"> • Adult store⁽¹⁾ • Agricultural supplies store⁽²⁾ • Animal husbandry⁽⁴⁾ • Animal keeping⁽⁵⁾ • Aquaculture⁽⁶⁾ • Bar⁽⁷⁾ • Brothel⁽⁸⁾ • Bulk landscape supplies⁽⁹⁾ • Car wash⁽¹¹⁾ • Cemetery⁽¹²⁾ • Child care centre⁽¹³⁾ • Community care centre⁽¹⁵⁾ • Community residence⁽¹⁶⁾ • Crematorium⁽¹⁸⁾ • Cropping⁽¹⁹⁾ • Detention facility⁽²⁰⁾ • Dual occupancy⁽²¹⁾ • Dwelling house⁽²²⁾ • Dwelling unit⁽²³⁾ • Educational establishment⁽²⁴⁾ • Environmental facility⁽²⁶⁾ • Extractive industry⁽²⁷⁾ • Function facility⁽²⁹⁾ • Funeral parlour⁽³⁰⁾ • Garden centre⁽³¹⁾ • Hardware and trade supplies⁽³²⁾ • Health care services⁽³³⁾ 	<ul style="list-style-type: none"> • High Impact industry⁽³⁴⁾ • Home based business⁽³⁵⁾ • Hospital⁽³⁵⁾ • Hotel⁽³⁷⁾ • Indoor sport and recreation⁽³⁸⁾ • Intensive animal industry⁽³⁹⁾ • Intensive horticulture⁽⁴⁰⁾ • Landing⁽⁴¹⁾ • Low impact industry⁽⁴²⁾ • Major sport, recreation and entertainment facility⁽⁴⁴⁾ • Marine industry⁽⁴⁵⁾ • Market⁽⁴⁶⁾ • Medium impact industry⁽⁴⁷⁾ • Motor sport facility⁽⁴⁸⁾ • Multiple dwelling⁽⁴⁹⁾ • Nature-based tourism⁽⁵⁰⁾ • Nightclub entertainment facility⁽⁵¹⁾ • Non-resident workforce accommodation⁽⁵²⁾ • Outdoor sales⁽⁵⁴⁾ • Outdoor sport and recreation⁽⁵⁵⁾ • Parking station⁽⁵⁸⁾ • Permanent plantation⁽⁵⁹⁾ • Place of worship⁽⁶⁰⁾ • Port services⁽⁶¹⁾ • Relocatable home park⁽⁶²⁾ 	<ul style="list-style-type: none"> • Renewable energy facility⁽⁶³⁾ • Research and technology industry⁽⁶⁴⁾ • Residential care facility⁽⁶⁵⁾ • Resort complex⁽⁶⁶⁾ • Retirement facility⁽⁶⁷⁾ • Roadside stall⁽⁶⁸⁾ • Rooming accommodation⁽⁶⁹⁾ • Rural industry⁽⁷⁰⁾ • Rural workers' accommodation⁽⁷¹⁾ • Sales office⁽⁷²⁾ • Service industry⁽⁷³⁾ • Service station⁽⁷⁴⁾ • Shop⁽⁷⁵⁾ • Shopping centre⁽⁷⁶⁾ • Short-term accommodation⁽⁷⁷⁾ • Showroom⁽⁷⁶⁾ • Special industry⁽⁷⁹⁾ • Theatre⁽⁸²⁾ • Tourist attraction⁽⁸³⁾ • Tourist park⁽⁸⁴⁾ • Transport depot⁽⁸⁵⁾ • Veterinary services⁽⁸⁷⁾ • Warehouse⁽⁸⁸⁾ • Wholesale nursery⁽⁸⁹⁾ • Winery⁽⁹⁰⁾
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p. Development not listed in the tables above may be considered on its merits and where it reflects and supports the outcomes of the zone.

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6.2.2.2.2 Criteria for assessment

To determine if development is self-assessable, development must comply with the self-assessable acceptable outcomes set out in Part C, Table 6.2.2.2.1. Where development does not meet a self-assessable acceptable outcome (SAO) of the relevant criteria Part C Table 6.2.2.2.1, assessment is against the corresponding performance outcome (PO) identified in the table below. This only occurs whenever a SAO is not met, and is therefore limited to the subject matter of the SAOs that are not complied with. To remove any doubt, for those SAOs that are complied with, there is no need for assessment against the corresponding PO.

Self-assessable acceptable outcomes (SAO)	Corresponding performance outcomes (PO)
SAO1	PO1
SAO2	PO8
SAO3	PO9
SAO4	N/A
SAO5	PO15
SAO6	PO7
SAO7	PO18-PO21
SAO8	PO18-PO21
SAO9	PO22
SAO10	PO23-27
SAO11	PO25
SAO12	PO26
SAO13	PO29-PO30
SAO14	PO29-PO30
SAO15	PO32
SAO16	PO34
SAO17	PO36
SAO18	PO37
SAO19	PO39
SAO20	PO41
SAO21	PO42
SAO22	PO39
SAO23	PO43
SAO24	PO48
SAO25	PO45
SAO26	PO49

SAO27	PO49
SAO28	PO49
SAO29	PO50
SAO30	PO51
SAO31	PO52
SAO32	PO52
SAO33	PO53
SAO34	PO53
SAO35	PO53
SAO36	PO53
SAO37	PO53
SAO38	PO54
SAO39	PO54
SAO40	PO60
SAO41	PO61
SAO42	PO61
SAO43	PO61
SAO44	PO61
SAO45	PO61
SAO46	PO64
SAO47	PO65
SAO48	PO66
SAO49	PO66
SAO50	PO67
SAO51	PO68
SAO52	PO69
SAO53	PO70-PO81
SAO54	PO70-PO81
SAO55	PO82-PO84
SAO56	PO82-PO84
SAO57	PO85
SAO58	PO85

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SAO59	PO85
SAO60	PO87
SAO61	PO88
SAO62	PO89
SAO63	PO90
SAO64	PO91-PO93, PO95-PO97
SAO65	PO91-PO93, PO95-PO97
SAO66	PO91-PO93
SAO67	PO94
SAO68	PO98
SAO69	PO99

Part C - Criteria for self-assessable development - Airfield precinct

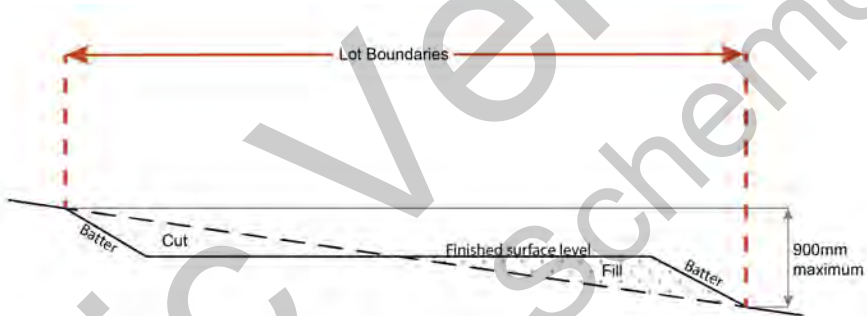
Table 6.2.2.2.1 Self-assessable development - Airfield precinct

Self-assessable acceptable outcomes	
General criteria	
Building height	
SAO1	<p>Building height:</p> <ul style="list-style-type: none"> a. complies with air regulations for obstacle heights with proximity to runways; b. does not exceed 8.5m where within 10m of the General residential zone.
Car parking	
SAO2	On-site car parking is provided in accordance with Schedule 7 - Car parking.
SAO3	Car parking at the Redcliffe airfield is not provided in the airside area (on the runway side of buildings).
SAO4	Cycle parking spaces are provided at a minimum of 1 space per 200m ² of GFA.
Waste	
SAO5	Bins and bin store areas are provided, designed and managed in accordance with Planning scheme policy - Waste.
Lighting	
SAO6	<p>Artificial lighting on-site is directed and shielded in such a manner as not to exceed the recommended maximum values of light technical parameters for the control of obtrusive light given in Table 2.1 of Australian Standard AS 4282 (1997) Control of Obtrusive Effects of Outdoor Lighting.</p> <p>Note - Lighting on the outside of hangars and other buildings comply with any relevant air traffic regulator legislative requirements.</p> <p>Note - "Curfewed hours" are taken to be those hours between 10pm and 7am on the following day.</p>

Hazardous Chemicals	
SAO7	All development that involves the storage or handling of hazardous chemicals listed in Schedule 9, Table 9.0.1 Hazardous Chemicals Self-Assessable Thresholds, complies with Schedule 9, Table 9.0.3 Hazardous Chemicals Self-Assessable Criteria.
SAO8	Development does not involve the storage or handling of hazardous chemicals listed in Schedule 9, Table 9.0.2 Hazardous Chemicals Assessable Thresholds.
Clearing of habitat trees where not located in the Environmental areas overlay map.	
SAO9	<p>Development does not result in the damaging, destroyed or clearing of a habitat tree. This does not apply to:</p> <ol style="list-style-type: none"> Clearing of a habitat tree located within an approved development footprint; Clearing of a habitat tree within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; Clearing of a habitat tree reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; Clearing of a habitat tree reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural , Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; Clearing of a habitat tree reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; Clearing of a habitat tree in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; Clearing of a habitat tree associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; Native forest practice where exempt under Part 1, 1.7.7 Exempt development. <p>Editor's note - A native tree measuring greater than 80cm in diameter when measured at 1.3m from the ground is recognised as a 'habitat tree'. For further information on habitat trees, refer to Planning scheme policy – Environmental areas and corridors. Information detailing how this measurement is undertaken is provided in Australian Standard AS 4970 2009 Protection of Trees on Development Sites - Appendix A.</p>
Works criteria	
Utilities	
SAO10	<p>Where available, the development is connected to:</p> <ol style="list-style-type: none"> an existing reticulated electricity supply; telecommunications and broadband; reticulated sewerage; reticulated water; constructed and dedicated road.
SAO11	Where not in a sewered area, the development is serviced by an appropriate on-site sewerage facility.

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	Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.
SAO12	Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.
Access	
SAO13	Any new or changes to existing site access and driveways are designed and located in accordance with: <ul style="list-style-type: none"> a. Where for a Council-controlled road, AS/NZS2890.1 section 3; or b. Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval.
SAO14	Any new or changes to existing internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.
Stormwater	
SAO15	Any new or changes to existing stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises in accordance with Planning scheme policy – Integrated design. <p>Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.</p>
SAO16	Development incorporates a minimum of 2% of the site area constructed as a bioretention system in accordance with Planning scheme policy – Integrated design if the development: <ul style="list-style-type: none"> a. is for urban purposes only; b. involves a land area greater than 2500m²; c. will result in 6 or more dwellings; OR <ul style="list-style-type: none"> will result in an impervious area greater than 25% of the net developable area;
Site works and construction management	
SAO17	The site and any existing structures are to be maintained in a tidy and safe condition.
SAO18	Site construction works incorporate temporary stormwater run-off, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design.
SAO19	Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.
SAO20	All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works. <p>Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.</p>

SAO21	Any damage to Council land or infrastructure is repaired or replaced with the same materials, prior to plan sealing, or final building classification.
SAO22	Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.
Earthworks	
SAO23	<p>The site is prepared and the fill placed on-site in accordance with Australian Standard AS3798.</p> <p>Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures</p>
SAO24	<p>The total of all cut and fill on-site does not exceed 900mm in height.</p> <p style="text-align: center;">Figure - Cut and fill</p>  <p>Note - This is site earthworks not building work.</p>
SAO25	<p>Filling or excavation does not result in:</p> <ol style="list-style-type: none"> a. a reduction in cover over any Council or public sector entity infrastructure to less than 600mm; b. an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the filling or excavation works being undertaken. <p>Note - Public sector entity is defined in the Sustainable Planning Act 2009.</p>
<p>Fire services</p> <p>Note - The provisions under this heading only apply if:</p> <ol style="list-style-type: none"> a. the development is for, or incorporates: <ol style="list-style-type: none"> i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials. <p>AND</p> <ol style="list-style-type: none"> b. none of the following exceptions apply: <ol style="list-style-type: none"> i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site. 	

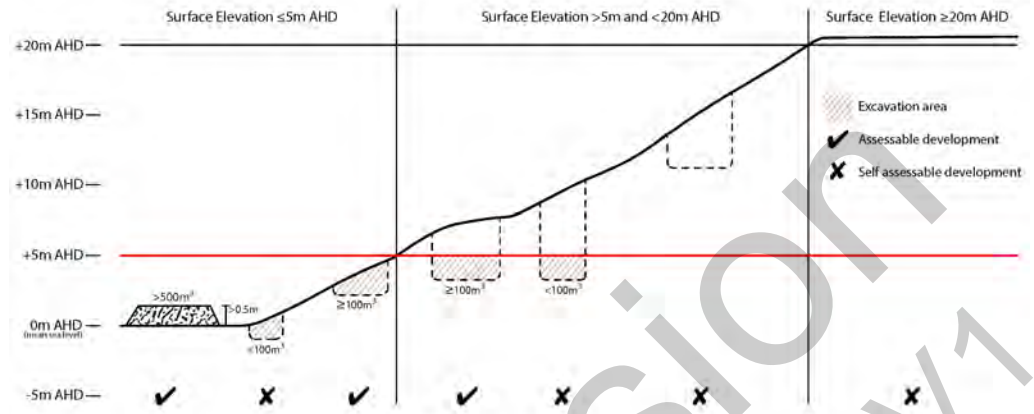
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<p>Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.</p>	
<p>SAO26</p>	<p>External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of <i>Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations</i>.</p> <p>Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005):</p> <ol style="list-style-type: none"> a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative; b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005); c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that: <ol style="list-style-type: none"> i. - for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings; ii. - for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans; iii. - for outdoor sales⁽⁵⁴⁾, processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities; and d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and where applicable, Part 3.6.
<p>SAO27</p>	<p>A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:</p> <ol style="list-style-type: none"> a. an unobstructed width of no less than 3.5m; b. an unobstructed height of no less than 4.8m; c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance; d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.
<p>SAO28</p>	<p>On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in <i>Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment</i>.</p>
<p>SAO29</p>	<p>For development that contains on-site fire hydrants external to buildings:</p> <ol style="list-style-type: none"> a. those external hydrants can be seen from the vehicular entry point to the site; or b. a sign identifying the following is provided at the vehicular entry point to the site: <ol style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager's office (where provided); v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points.

	<p>Note - The sign prescribed above, and the graphics used are to be:</p> <ol style="list-style-type: none"> in a form; of a size; illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>
SAO30	<p>For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavements markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads.</p> <p>Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.</p>
Use specific criteria	
Air services⁽³⁾	
SAO31	Air services ⁽³⁾ do not involve flight training or education activities that increase the number of fixed or rotary wing aircraft take-offs, landings or circuits.
SAO32	Activities on Lot 451 on SP169564 are not commercial in nature unless specified in the Management Plan (under the <i>Land Act 1994</i>) for that parcel.
Caretaker's accommodation⁽¹⁰⁾	
SAO33	A caretaker's accommodation ⁽¹⁰⁾ has a maximum GFA of 80m ² .
SAO34	No more than 1 caretaker's accommodation ⁽¹⁰⁾ is established per site.
SAO35	Does not gain access from a separate driveway to the main use on the site.
SAO36	Includes a minimum 16m ² of private open space directly accessible from a habitable room.
SAO37	Provide car parking in accordance with Schedule 7 - Car parking.
Club⁽¹⁴⁾	
SAO38	Limited to 1 club ⁽¹⁴⁾ each at the Caboolture and Redcliffe Airfields respectively.
SAO39	Development does not exceed 200m ² GFA.
Telecommunications facility⁽⁸¹⁾	
<p>Editor's note - In accordance with the Federal legislation Telecommunications facilities⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3Khz to 300Ghz.</p>	
SAO40	A minimum of 45m ² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.

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SAO41	The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.
SAO42	<p>Equipment shelters and associated structures are located:</p> <ol style="list-style-type: none"> directly beside the existing equipment shelter and associated structures; behind the main building line; further away from the frontage than the existing equipment shelter and associated structures; a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.
SAO43	Equipment shelters and other associated structures are either the same type of colour or material to match the surrounding locality.
SAO44	The facility is enclosed by security fencing or by other means to ensure public access is prohibited.
SAO45	<p>A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the development and street frontage and adjoining uses.</p> <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p> <p>Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person to ensure compliance with Planning scheme policy - Integrated design.</p>
SAO46	All equipment comprising the telecommunications facility ⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.
<p>Values and constraints criteria</p> <p>Note - The relevant values and constraints criteria do not apply where the development, the subject of the application, is associated and consistent with, and subsequent to a current Development permit for Reconfiguring a lot or Material change of use, where that approval, under this or a superseded planning scheme, has considered and addressed (e.g. through a development footprint plan or similar, or conditions of approval) the identified value or constraint under this planning scheme.</p>	
<p>Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)</p> <p>Note - To demonstrate achievement of the performance outcome, an Acid sulfate soils (ASS) investigation report and soil management plan is prepared by a qualified engineer. Guidance for the preparation an ASS investigation report and soil management plan is provided in Planning scheme policy - Acid sulfate soils.</p>	
SAO47	<p>Development does not involve:</p> <ol style="list-style-type: none"> excavation or otherwise removing of more than 100m³ of soil or sediment where below 5m Australian Height Datum AHD, or filling of land of more than 500m³ of material with an average depth of 0.5m or greater where below the 5m AHD.



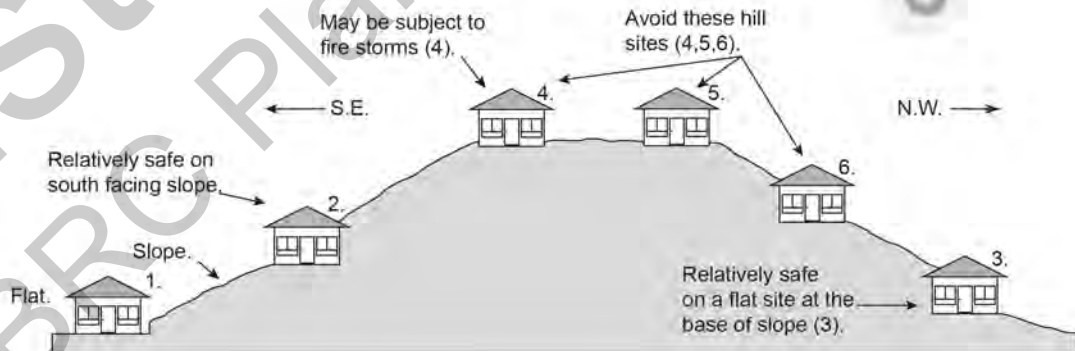
Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)

Note - For the purposes of section 12 of the Building Regulation 2006, land identified as very high potential bushfire intensity, high potential bushfire intensity, medium potential bushfire intensity or potential impact buffer on the Bushfire hazard areas overlay map is the 'designated bushfire hazard area'. AS 3959-2009 Construction of buildings in bushfire hazard areas applies within these areas.

SAO48

- a. Building and structures are:
 - i. not located on a ridgeline
 - ii. not located on land with a slope greater than 15% (see Overlay map – Landslide hazard (for land having a slope greater than 15%))
- b. Dwellings are located on east to south facing slopes.

House Sites Numbered in Order of Degree of Fire Safety



(1 being the safest, 6 being the most hazardous.)
 From Bushfire Prone Areas: Siting and Design of Residential Buildings (1997), Queensland Department of Local Government and Planning, and Queensland Fire & Rescue Service.

SAO49

- Buildings and structures have contained within the site:
 - a. a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater;

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	<ul style="list-style-type: none"> b. a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; c. a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures; d. an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and e. an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%: <ul style="list-style-type: none"> i. to, and around, each building and other roofed structure; and ii. to each fire fighting water supply extraction point. <p>Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959.</p>
SAO50	<p>The length of driveway:</p> <ul style="list-style-type: none"> a. to a public road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; b. has a maximum gradient no greater than 12.5%; c. have a minimum width of 3.5m; d. accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
SAO51	<ul style="list-style-type: none"> a. A reticulated water supply is provided by a distributor retailer for the area or, where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is provided and located within 10m of buildings and structures. b. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access to within 3m of that water storage source is provided. c. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ul style="list-style-type: none"> i. a hardstand area allowing medium rigid vehicle (15 tonne fire appliance) access within 6m of the tank; ii. fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 20mm (minimum) to accommodate suction lines.
SAO52	<p>Development does not involve the manufacture or storage of hazardous chemicals.</p>
<p>Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)</p> <p>Note - The following are exempt from the native clearing provisions of this planning scheme:</p> <ul style="list-style-type: none"> a. Clearing of native vegetation located within an approved development footprint; b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; 	

- d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence;
- e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes;
- f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council;
- g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;
- h. Grazing of native pasture by stock;
- i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development.

Note - Definition for native vegetation is located in Schedule 1 Definitions.

Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.

Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.

Editors' Note - When clearing native vegetation within a MSES area, you may still require approval from the State government.

<p>SAO53</p>	<p>Where no suitable land cleared of native vegetation exists, clearing of native vegetation in High Value Area or Value Offset Area is for the purpose of a new dwelling house⁽²²⁾ and all associated facilities* or an extension to an existing dwelling house⁽²²⁾ only, and comprises an area no greater than 1500m².</p> <p>Note - *All associated facilities includes: on-site wastewater treatment, all areas of disturbance, on-site parking, access and manoeuvring areas.</p> <p>Editor's note - See in heading above for other uses exempt from native vegetation clearing requirements.</p> <p>Editor's note - Where self-assessable vegetation clearance is being undertaken, care should be undertaken to avoid adverse impacts on koalas, koala habitat values and habitat connectivity and to encourage existing koala usage of the site. Measures to minimise impacts include:</p> <ul style="list-style-type: none"> i. co-locating all associated activities, infrastructure and access strips; ii. be the least valued area of koala habitat on the site; iii. minimise the footprint of the development envelope area; iv. minimise edge effects to areas external to the development envelope; v. location and design consideration to ensure koala safety and movement in accordance with the Koala-sensitive Design Guideline and Planning scheme policy – Environmental areas; vi. sufficient area between the development and koala habitat trees to achieve their long-term viability. <p>Editor's note - Where self-assessable vegetation clearing is being undertaken, consideration should be given to avoid clearing habitat trees. Habitat trees may contain structural hollows where animals live, breed and shelter. The provision of nest boxes or salvaging of hollows will provide compensatory roosting and nesting opportunities for local wildlife including sugar gliders, possums and owls. For further information see Planning scheme policy – Environmental areas.</p>
<p>SAO54</p>	<p>No clearing of native vegetation is to occur within the Value Offset Area MLES - Waterway buffer or Value Offset Area MLES - Wetland buffer.</p> <p>This does not apply to the following:</p>

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	<ul style="list-style-type: none"> a. Clearing of native vegetation located within an approved development footprint; b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; h. Grazing of native pasture by stock; i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development.
<p>Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)</p> <p>Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.</p>	
SAO55	<p>Development is for the preservation, maintenance, repair and restoration of the site, object or building.</p> <p>This does not apply to Listed item 99, in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p> <p>Note - Preservation, maintenance, repair and restoration are defined in Schedule 1 - Definitions</p>
SAO56	<p>A cultural heritage conservation management plan is prepared in accordance with Planning scheme policy – Heritage and landscape character and submitted to Council prior to the commencement of any preservation, maintenance, repair and restoration works. Any preservation, maintenance, repair and restoration works are in accordance with the Council approved cultural heritage conservation management plan.</p> <p>This does not apply to Listed item 99 in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p>
SAO57	<p>Development does not result in the removal of or damage to any significant tree identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character.</p>
SAO58	<p>The following development does not occur within 20m of the base of any significant tree, identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character:</p> <ul style="list-style-type: none"> a. construction of any building; b. laying of overhead or underground services; c. any sealing, paving, soil compaction; d. any alteration of more than 75mm to the ground level prior to work commencing.
SAO59	<p>Pruning of a significant tree occurs in accordance with Australian Standard AS 4373-2007 - Pruning of Amenity Trees.</p>

Landslide - land having a slope greater 15% (refer Overlay map - Landslide hazard - land having a slope greater 15% to determine if the following assessment criteria apply)	
SAO60	Development does not: <ul style="list-style-type: none"> a. involve earthworks exceeding 50m³; b. involve cut and fill having a height greater than 600mm; c. involve any retaining wall having a height greater than 600mm; d. redirect or alter the existing flow of surface or groundwater.
SAO61	Buildings, excluding domestic outbuildings: <ul style="list-style-type: none"> a. are split-level, multiple-slab, pier or pole construction; b. are not single plane slab on ground.
SAO62	Development does not involve the manufacture, handling or storage of hazardous chemicals.
Infrastructure buffers (refer Overlay map - Infrastructure buffers to determine if the following assessment criteria apply)	
SAO63	Development does not include the following uses located within a landfill site buffer: <ul style="list-style-type: none"> a. caretaker's accommodation⁽¹⁰⁾; b. community residence⁽¹⁶⁾; c. dual occupancy⁽²¹⁾; d. dwelling house⁽²²⁾; e. dwelling unit⁽²³⁾; f. hospital⁽³⁶⁾; g. rooming accommodation⁽⁶⁹⁾; h. multiple dwelling⁽⁴⁹⁾; i. non-resident workforce accommodation⁽⁵²⁾; j. relocatable home park⁽⁶²⁾; k. residential care facility⁽⁶⁵⁾; l. resort complex⁽⁶⁶⁾; m. retirement facility⁽⁶⁷⁾; n. rural workers' accommodation⁽⁷¹⁾; o. short term accommodation⁽⁷⁷⁾; p. tourist park⁽⁸⁴⁾.
Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)	
SAO64	Development for a material change of use or building work does not involve the construction of a building or structure in an Overland flow path area.
SAO65	Development for a material change of use or operational work does not impede the flow of flood waters through the premises or worsen flood flows to other premises. <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>
SAO66	Development for a material change of use or building work ensures that fencing in an overland flow path area is at least 50% permeable.
SAO67	Development for a material change of use or building work that involves a hazardous chemical ensures the hazardous chemicals is not located within an overland flow path area.

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SAO68	Development for a material change of use or building work for a Park ⁽⁵⁷⁾ ensures that work is provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.
<p>Riparian and wetland setbacks (refer Overlay map - Riparian and wetland setback to determine if the following assessment criteria apply)</p> <p>Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>	
SAO69	<p>No development is to occur within:</p> <ul style="list-style-type: none"> a. 50m from top of bank for W1 waterway and drainage line b. 30m from top of bank for W2 waterway and drainage line c. 20m from top of bank for W3 waterway and drainage line d. 100m from the edge of a Ramsar wetland, 50m from all other wetlands. <p>Note - W1, W2 and W3 waterways and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p> <p>Note - In some cases, the top of bank may not be easily defined, as such a hydraulic measurement may be applied instead. Moreton Bay Regional Council will provide further direction on how to determine and locate the setback boundary in these locations.</p> <p>Note - The minimum setback distance applies to the each side of waterway.</p>
<p>Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)</p> <p>Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code</p>	

Part D — Criteria for assessable development - Airfield precinct

Where development is code assessable development in the Table of Assessment, the assessment criteria for that development are set out in Part D, Table 6.2.2.2.2.

Where development is impact assessable, the assessment criteria becomes the whole of the planning scheme.

Table 6.2.2.2.2 Assessable development - Airfield precinct

Performance outcomes	Acceptable outcomes
Built form and design	
<p>PO1</p> <p>Buildings and structures are of a height, scale and bulk which:</p>	<p>AO1</p> <p>Building height:</p>

<ul style="list-style-type: none"> a. is consistent with the operation of an airfield; b. is in keeping with existing buildings or structures; c. minimises the visual impact of large-scale built form; d. does not cause adverse amenity impacts on nearby sensitive uses and zones. 	<ul style="list-style-type: none"> a. complies with air regulations for obstacle heights with proximity to runways; b. does not exceed 8.5m where within 10m of the General residential zone.
<p>PO2</p> <p>Buildings and structures are designed and constructed to a high standard of design and construction, which:</p> <ul style="list-style-type: none"> a. adds visual interest to the streetscape, through variation in building materials, colours and features; b. does not result in blank, unarticulated walls fronting streets or public areas; c. articulates and identifies the administration and customer service areas of the building; d. avoid blank walls through façade articulation to create visual interest and deter graffiti and vandalism; e. incorporates high quality, low maintenance building materials; f. does not utilise reflective materials; g. reduce cluttering and visibility of plant and equipment on building roofs. 	<p>AO2.1</p> <p>Development provides materials and finishes of a high quality that are not susceptible to stain, discolour or deterioration.</p>
	<p>AO2.2</p> <p>Development incorporates articulated walls with variation, detail and colour to reduce the bulk and impact of development and minimise expansive blank walls.</p>
	<p>AO2.3</p> <p>The main facade of the building directly addresses and faces the street and contains a mix of materials and colours.</p>
	<p>AO2.4</p> <p>Building utilities such as air conditioning units and telecommunications equipment are designed to be visually integrated with the building.</p>
Landscaping	
<p>PO3</p> <p>Landscaping and screening is provided on the site to:</p> <ul style="list-style-type: none"> a. visually soften the built form, areas of hardstand and storage areas; b. reduces the visual impact of building bulk and presence, hard surface areas and mechanical plant associated with the on-site activities when viewed from the street; 	<p>AO3</p> <p>Landscaping is provided and maintained in accordance with Planning scheme policy - Integrated design.</p>

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<p>c. creates a secure and safe environment by incorporating key elements of crime prevention through environmental design;</p> <p>d. achieves the design principles outlined in Planning scheme policy - Integrated design.</p>	
Fencing	
<p>PO4</p> <p>The provision of fencing on site:</p> <p>a. does not dominate the street or create safety issues;</p> <p>b. provides the level of security suitable to the nature of the use.</p>	<p>AO4</p> <p>Where fencing is provided on the street frontage, it has a minimum transparency of 70%.</p>
Public access	
<p>PO5</p> <p>The use has a safe, clearly identifiable public access separate from service and vehicle and aircraft parking areas.</p>	<p>AO5.1</p> <p>Pedestrian linkages are provided from the car parking areas directly to the main entrance of the building.</p>
	<p>AO5.2</p> <p>Public access to the building is not provided through aircraft parking areas, service areas or, in the case of the Redcliffe airfield, in the airside area.</p>
Personal and property safety	
<p>PO6</p> <p>Buildings and spaces are designed and constructed to create a safe and secure environment by incorporating key crime prevention through environmental design principles, including:</p> <p>a. casual surveillance opportunities and sight lines;</p> <p>b. way-finding cues and signage;</p> <p>c. light illuminates pathways and potential entrapment areas as well as maximising opportunities for penetration of natural light into spaces;</p> <p>d. minimise predictable routes and entrapment locations.</p>	<p>No acceptable outcome provided.</p>
Amenity	
<p>PO7</p>	<p>No acceptable outcome provided.</p>

<p>The amenity of the area and adjacent sensitive land uses are protected from the impacts of dust, odour, noise, light, chemicals and other environmental nuisances.</p>	
Car parking	
<p>PO8</p> <p>Car parking is provided on-site to meet the anticipated demand of employees and visitors and avoid adverse impacts on the external road network.</p> <p>Note - Refer to Planning scheme policy - Integrated transport assessment for guidance on how to achieve compliance with this outcome.</p>	<p>AO8</p> <p>Car parking is provided in accordance with Schedule 7 - Car parking.</p>
<p>PO9</p> <p>At the Redcliffe airfield, adequate parking is provided away from aircraft movement areas.</p>	<p>AO9</p> <p>Car parking at the Redcliffe airfield is not located in the airside area.</p>
<p>PO10</p> <p>The design of vehicle entry points and car parking areas:</p> <ol style="list-style-type: none"> a. does not impact on the safety of the external road network; b. ensures the safety of pedestrians at all times; c. ensures the safe movement of vehicles within the site; d. provides connections with car parking areas on adjoining sites where possible. 	<p>AO10</p> <p>All vehicle entry points and car parking areas are designed and constructed in accordance with Australian Standard AS2890.1.</p>
Traffic matters	
<p>PO11</p> <p>Traffic generation, vehicle movement and on-site car parking associated with an activity:</p> <ol style="list-style-type: none"> a. provides safe, convenient and accessible access for vehicles and pedestrians; b. provides safe and convenient on-site parking and manoeuvring to meet anticipated parking demand; 	<p>AO11</p> <p>No acceptable outcome provided.</p>

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<p>c. is appropriate to the road classification and carrying capacity of the local network and able to meet the additional demands generated by the development;</p> <p>d. does not result adverse impacts on the efficient and safe functioning of the road network.</p>	
Environmental impacts	
<p>PO12</p> <p>Where a use is not an environmentally relevant activity under the <i>Environmental Protection Act 1994</i>, the release of any contaminant that may cause environmental harm is mitigated to an acceptable level.</p>	<p>AO12</p> <p>Development achieves the standard listed in <i>Schedule 1 Air Quality Objectives, Environmental Protection (Air) Policy 2008</i>.</p>
<p>PO13</p> <p>Where a use is not an environmentally relevant activity under the <i>Environmental Protection Act 1994</i>, noise emissions at receptor sites are mitigated to an acceptable level.</p>	<p>AO13</p> <p>Development does not generate noise exceeding the standards listed in <i>Schedule 1 Acoustic Quality Objectives, Environmental Protection (Noise) Policy 2008</i>.</p>
Loading and servicing	
<p>PO14</p> <p>Loading and servicing areas:</p> <p>a. are not visible from the street frontage;</p> <p>b. are integrated into the design of the building;</p> <p>c. include screening and buffers to reduce negative impacts on adjoining sensitive land uses;</p> <p>d. where possible loading and servicing areas are consolidated and shared with adjoining sites.</p>	<p>No acceptable outcome provided.</p>
Waste	
<p>PO15</p> <p>Bins and bin storage areas are provided, designed and managed in accordance with Planning scheme policy – Waste.</p>	<p>No acceptable outcome provided.</p>
Noise	
<p>PO16</p> <p>Noise generating uses do not adversely affect existing noise sensitive uses.</p>	<p>No acceptable outcome provided.</p>

<p>Note - The use of walls, barriers or fences that are visible from or adjoin a road or public area are not appropriate noise attenuation measures unless adjoining a motorway, arterial road or rail line.</p> <p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p>	
<p>PO17</p> <p>Sensitive land uses are provided with an appropriate acoustic environment within designated external private outdoor living spaces and internal areas while:</p> <ol style="list-style-type: none"> contributing to safe and usable public spaces, through maintaining high levels of surveillance of parks, streets and roads that serve active transport purposes (e.g. existing or future pedestrian paths or cycle lanes etc); maintaining the amenity of the streetscape. <p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p> <p>Note - Refer to Planning Scheme Policy – Integrated design for details and examples of noise attenuation structures.</p>	<p>AO17.1</p> <p>Development is designed to meet the criteria outlined in the Planning Scheme Policy – Noise.</p> <p>AO17.2</p> <p>Noise attenuation structures (e.g. walls, barriers or fences):</p> <ol style="list-style-type: none"> are not visible from an adjoining road or public area unless: <ol style="list-style-type: none"> adjoining a motorway or rail line; or adjoining part of an arterial road that does not serve an existing or future active transport purpose (e.g. pedestrian paths or cycle lanes) or where attenuation through building location and materials is not possible. do not remove existing or prevent future active transport routes or connections to the street network; are located, constructed and landscaped in accordance with Planning scheme policy - Integrated design. <p>Note - Refer to Planning scheme policy – Integrated design for details and examples of noise attenuation structures.</p> <p>Note - Refer to Overlay map – Active transport for future active transport routes.</p>
<p>Hazardous chemicals</p> <p>Note - To assist in demonstrating compliance with the following performance outcomes, a Hazard Assessment Report may be required to be prepared and submitted by a suitably qualified person in accordance with 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p> <p>Note - Terms used in this section are defined in 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p>	
<p>PO18</p> <p>Off sites risks from foreseeable hazard scenarios involving hazardous chemicals are commensurate with the sensitivity of the surrounding land use zones.</p>	<p>AO18.1</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of land zoned for vulnerable or sensitive land uses as described below:</p> <p>Dangerous Dose</p>

	<p>a. For any hazard scenario involving the release of gases or vapours:</p> <ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. <p>b. For any hazard scenario involving fire or explosion:</p> <ul style="list-style-type: none"> i. 7kPa overpressure; ii. 4.7kW/m2 heat radiation. <p>If criteria AO19.1 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 0.5×10^{-6}/year.</p>
	<p>AO18.2</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of a commercial or community activity land use zone as described below:</p> <p>Dangerous Dose</p> <p>a. For any hazard scenario involving the release of gases or vapours:</p> <ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. <p>b. For any hazard scenario involving fire or explosion:</p> <ul style="list-style-type: none"> i. 7kPa overpressure; ii. 4.7kW/m2 heat radiation. <p>If criteria AO19.2 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 5×10^{-6}/year.</p>
	<p>AO18.3</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of an industrial land use zone as described below:</p> <p>Dangerous Dose</p> <p>a. For any hazard scenario involving the release of gases or vapours:</p>

	<ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. <ul style="list-style-type: none"> b. For any hazard scenario involving fire or explosion: <ul style="list-style-type: none"> i. 14kPa overpressure; ii. 12.6kW/m2 heat radiation. <p>If criteria AO19.3 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 50×10^{-6}/year.</p>
<p>PO19</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are designed to detect the early stages of a fire situation and notify a designated person.</p>	<p>AO19</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are provided with 24 hour monitored fire detection system for early detection of a fire event.</p>
<p>PO20</p> <p>Common storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) that are adequate to contain releases, including fire fighting media.</p>	<p>AO20</p> <p>Storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) capable of containing a minimum of the total aggregate capacity of all packages plus the maximum operating capacity of any fire protection system for the storage area(s) over a minimum of 60 minutes.</p>
<p>PO21</p> <p>Storage and handling areas, including manufacturing areas, containing hazardous chemicals in quantities greater than 2,500L or kg within a Local Government "flood hazard area" are located and designed in a manner to minimise the likelihood of inundation of flood waters from creeks, rivers, lakes or estuaries.</p>	<p>AO21.1</p> <p>The base of any tank with a WC >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area. Alternatively:</p> <ul style="list-style-type: none"> a. bulk tanks are anchored so they cannot float if submerged or inundated by water; and b. tank openings not provided with a liquid tight seal, i.e. an atmospheric vent, are extended above the relevant flood height level.
	<p>AO21.2</p> <p>The lowest point of any storage area for packages >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area. Alternatively, package stores are provided with impervious bund walls or racking systems higher than the relevant flood height level.</p>
Clearing of habitat trees where not located within the Environmental areas overlay map.	
<p>PO22</p>	<p>No acceptable outcome provided</p>

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<p>a. Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected.</p> <p>b. Development does not result in the net loss of fauna habitat. Where development does result in the loss of habitat tree, development will provide replacement fauna nesting boxes at the following rate of 1 nest box for every hollow removed. Where hollows have not yet formed in trees > 80cm in diameter at 1.3m height, 3 nest boxes are required for every habitat tree removed.</p> <p>c. Development does not result in soil erosion or land degradation or leave land exposed for an unreasonable period of time but is rehabilitated in a timely manner</p> <p>Note: Further guidance on habitat trees is provided in Planning scheme policy - Environmental areas</p>	
Works criteria	
Utilities	
<p>PO23</p> <p>The development is connected to an existing reticulated electricity supply system approved by the relevant energy regulating authority.</p>	<p>AO23</p> <p>Development is connected to underground electricity.</p>
<p>PO24</p> <p>The development has access to telecommunications and broadband services in accordance with current standards.</p>	<p>No acceptable outcome provided</p>
<p>PO25</p> <p>The development provides for the treatment and disposal of sewage and other waste water in a way that will not cause environmental harm or pose a risk to public health.</p>	<p>AO25.1</p> <p>Where in a sewered area, the development is connected to a reticulated sewerage network.</p>
	<p>AO25.2</p> <p>Where not in a sewered area, the development is serviced by an appropriate on-site sewerage facility.</p> <p>Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.</p>
	<p>AO25.3</p>

	Trade waste is pre-treated on-site prior to discharging into the sewerage network.
PO26 The development is provided with an adequate and sustainable supply of potable (drinking and general use e.g. gardening, washing, fire fighting) water.	AO26.1 Where in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is connected to the reticulated water supply system in accordance with the South East Queensland Water Supply and Sewerage Design and Construction Code and the relevant Water Service Association of Australia (WSAA) codes and standards.
	AO26.2 Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.
PO27 The development is provided with constructed and dedicated road access.	No acceptable outcome provided
Access	
PO28 Where required, access easements contain a driveway and provision for services appropriate to the use. The easement covers all works associated with the access in accordance with Planning scheme policy - Integrated design.	No acceptable outcome provided
PO29 The layout of the development does not compromise: <ol style="list-style-type: none"> the development of the road network in the area; the function or safety of the road network; the capacity of the road network. Note - The road hierarchy is mapped on Overlay map - Road hierarchy.	AO29.1 The development provides for the extension of the road network in the area in accordance with Council's road network planning.
	AO29.2 The development does not compromise future road widening of frontage roads in accordance with the relevant standard and Council's road planning.
	AO29.3 The lot layout allows forward access to and from the site.
PO30	AO30.1

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<p>Safe access is provided for all vehicles required to access the site.</p>	<p>Site access and driveways are designed and located in accordance with:</p> <ul style="list-style-type: none"> a. Where for a Council-controlled road, AS/NZS2890.1 section 3; or b. Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval. <p>AO30.2</p> <p>Internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.</p> <p>Note - This includes queue lengths (refer to Schedule 8 Service vehicle requirements), pavement widths and construction.</p> <p>AO30.3</p> <p>Access driveways, manoeuvring areas and loading facilities provide for service vehicles listed in Schedule 8 Service vehicle requirements for the relevant use. The on-site manoeuvring is to be in accordance with Schedule 8 Service vehicle requirements.</p>
<p>PO31</p> <p>Upgrade works (whether trunk or non-trunk) are provided where necessary to:</p> <ul style="list-style-type: none"> a. ensure the type or volume of traffic generated by the development does not have a negative impact on the external road network; b. ensure the orderly and efficient continuation of the active transport network; c. ensure the existing car parking capacity is maintained. <p>Note - An Integrated Transport Assessment (ITA) may be required to demonstrate compliance with this performance outcome, refer to Planning scheme policy - Integrated transport assessment for guidance on when an ITA is required. An ITA should be prepared in accordance with Planning scheme policy - Integrated transport assessment.</p> <p>Note - The road network is mapped on Overlay map - Road hierarchy.</p> <p>Note - The primary and secondary active transport network in mapped on Overlay map - Active transport.</p>	<p>No acceptable outcome provided</p>

<p>Note - To demonstrate compliance with c. Of this performance outcome, site frontage works where in existing road reserve (non-trunk) are to be designed and constructed as follows:</p> <ul style="list-style-type: none"> i. Where the street is partially established to an urban standard, match the alignment of existing kerb and channel and provide carriageway widening and underground drainage where required; or ii. Where the street is not established to an urban standard, prepare a design that demonstrates how the relevant features of the particular road as shown in the Planning scheme policy - Integrated Design can be achieved in the existing reserve. <p>Note - Refer to Planning scheme policy - Integrated design for road network and active transport network design standards.</p>	
Stormwater	
<p>PO32</p> <p>Stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p> <p>Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.</p>	<p>No acceptable outcome provided</p>
<p>PO33</p> <p>Stormwater generated from the development does not compromise the capacity of existing stormwater infrastructure downstream of the site.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p>	<p>No acceptable outcome provided</p>
<p>PO34</p> <p>Stormwater quality management systems are designed and constructed to minimise the environmental impact of stormwater discharge on</p>	<p>No acceptable outcome provided</p>

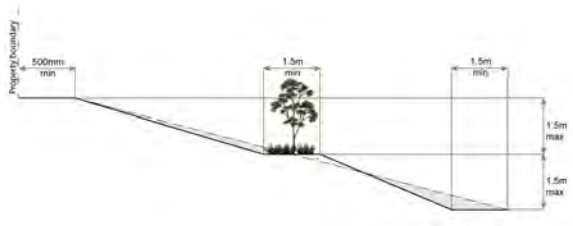
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<p>surface and underground receiving water quality and meet the design objectives in Tables A and B in Appendix 3 of the SPP.</p> <p>Note - A stormwater management plan prepared by a suitably qualified professional will be required in accordance with Planning scheme policy - Stormwater management.</p>	
<p>PO35</p> <p>Easements for drainage purposes are provided over:</p> <ol style="list-style-type: none"> stormwater pipes located in freehold land if the pipe diameter exceeds 300mm; overland flow paths where they cross more than one property boundary. <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	<p>No acceptable outcome provided</p>
<p>Site works and construction management</p>	
<p>PO36</p> <p>The site and any existing structures are maintained in a tidy and safe condition.</p>	<p>No acceptable outcome provided</p>
<p>PO37</p> <p>All works on-site are managed to:</p> <ol style="list-style-type: none"> minimise as far as practicable, impacts on adjoining or adjacent premises and the streetscape in regard to erosion and sedimentation, dust, noise, safety and light; minimise as far as possible, impacts on the natural environment; ensure stormwater discharge is managed in a manner that does not cause nuisance or annoyance to any person or premises; avoid adverse impacts on street trees and their critical root zone. 	<p>AO37.1</p> <p>Works incorporate temporary stormwater runoff, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design, including but not limited to the following:</p> <ol style="list-style-type: none"> stormwater is not discharged to adjacent properties in a manner that differs significantly from pre-existing conditions; stormwater discharged to adjoining and downstream properties does not cause scour and erosion; stormwater discharge rates do not exceed pre-existing conditions; the 10% AEP storm event is the minimum design storm for all temporary diversion drains; and the 50% AEP storm event is the minimum design storm for all silt barriers and sedimentation basins. <p>AO37.2</p> <p>Stormwater runoff, erosion and sediment controls are constructed prior to commencement of any clearing or earthworks and are maintained and adjusted as necessary at all times to ensure their ongoing effectiveness.</p>

	<p>Note - The measures are adjusted on-site to maximise their effectiveness.</p>
	<p>AO37.3</p> <p>The completed earthworks area is stabilised using turf, established grass seeding, mulch or sprayed stabilisation techniques to control erosion and sediment and dust from leaving the property.</p>
	<p>AO37.4</p> <p>Where works are proposed in proximity to an existing street tree, an inspection and a root management plan is undertaken by a qualified arborist which demonstrates and ensures that no permanent damage is caused to the tree.</p>
<p>PO38</p> <p>Dust suppression measures are implemented during soil disturbances and construction works to protect nearby premises from unreasonable dust impacts.</p>	<p>AO38</p> <p>No dust emissions extend beyond the boundaries of the site during soil disturbances and construction works.</p>
<p>PO39</p> <p>All works on-site and the transportation of material to and from the site are managed to not negatively impact the existing road network, the amenity of the surrounding area or the streetscape.</p> <p>Note - Where the amount of imported or exported material is greater than 50m³, a haulage route must be identified and approved by Council.</p>	<p>AO39.1</p> <p>Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.</p>
	<p>AO39.2</p> <p>All contractor car parking is either provided on the development site, or on an alternative site in the general locality which has been set aside for car parking. Contractors vehicles are generally not to be parked in existing roads.</p> <p>Note - A Traffic Management Plan may be required for the site in accordance with the Manual of Uniform Traffic Control Devices (MUTCD).</p>
	<p>AO39.3</p> <p>Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.</p>
<p>PO40</p> <p>All disturbed areas are rehabilitated at the completion of construction.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p>	<p>AO40</p> <p>At completion of construction all disturbed areas of the site are to be:</p> <ol style="list-style-type: none"> a. topsoiled with a minimum compacted thickness of fifty (50) millimetres; b. grassed.

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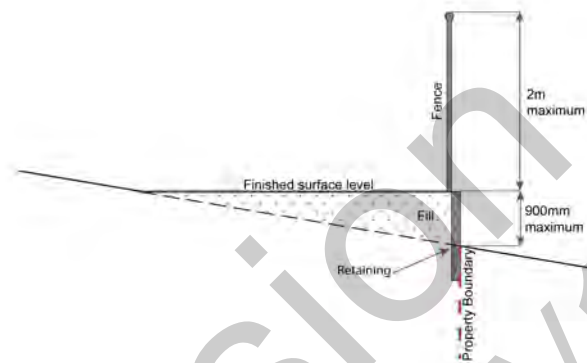
	<p>Note - These areas are to be maintained during any maintenance period to maximise grass coverage from grass seeding of these areas.</p>
<p>PO41</p> <p>The clearing of vegetation on-site:</p> <ol style="list-style-type: none"> is limited to the area of infrastructure works, building areas and other necessary areas for the works; and includes the removal of declared weeds and other materials which are detrimental to the intended use of the land; is disposed of in a manner which minimises nuisance and annoyance to existing premises. <p>Note - No burning of cleared vegetation is permitted.</p>	<p>AO41.1</p> <p>All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works.</p> <p>Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.</p> <hr/> <p>AO41.2</p> <p>Disposal of materials is managed in one or more of the following ways:</p> <ol style="list-style-type: none"> all cleared vegetation, declared weeds, stumps, rubbish, car bodies, scrap metal and the like are removed and disposed of in a Council land fill facility; or all native vegetation with a diameter below 400mm is to be chipped and stored on-site. <p>Note - The chipped vegetation must be stored in an approved location, preferably a park or public land.</p>
<p>PO42</p> <p>Any alteration or relocation in connection with or arising from the development to any service, installation, plant, equipment or other item belonging to or under the control of the telecommunications authority, electricity authorities, the Council or other person engaged in the provision of public utility services is to be carried with the development and at no cost to Council.</p>	<p>No acceptable outcome provided</p>
<p>Earthworks</p>	
<p>PO43</p> <p>On-site earthworks are designed to consider the visual and amenity impact as they relate to:</p> <ol style="list-style-type: none"> the natural topographical features of the site; short and long-term slope stability; soft or compressible foundation soils; reactive soils; low density or potentially collapsing soils; existing fill and soil contamination that may exist on-site; 	<p>AO43.1</p> <p>All cut and fill batters are provided with appropriate scour, erosion protection and run-off control measures including catch drains at the top of batters and lined batter drains as necessary.</p> <hr/> <p>AO43.2</p> <p>Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance of steep rock slopes and batters.</p>

<p>g. the stability and maintenance of steep rock slopes and batters;</p> <p>h. excavation (cut) and fill and impacts on the amenity of adjoining lots (e.g. residential).</p> <p>Note - Filling or excavation works are to be completed within six months of the commencement date.</p>	<p>AO43.3</p> <p>Inspection and certification of steep rock slopes and batters is required by a suitably qualified and experienced RPEQ.</p> <p>AO43.4</p> <p>All filling or excavation is contained on-site.</p> <p>AO43.5</p> <p>All fill placed on-site is:</p> <p>a. limited to that required for the necessary approved use;</p> <p>b. clean and uncontaminated (i.e. no building waste, concrete, green waste or contaminated material etc. is used as fill).</p> <p>AO43.6</p> <p>The site is prepared and the fill placed on-site in accordance with AS3798.</p> <p>Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures.</p>
<p>PO44</p> <p>Embankments are stepped, terraced and landscaped to not adversely impact on the visual amenity of the surrounding area.</p>	<p>AO44</p> <p>Any embankments more than 1.5 metres in height are stepped, terraced and landscaped.</p> <p style="text-align: center;">Figure - Embankment</p> 
<p>PO45</p> <p>Filling or excavation is undertaken in a manner that:</p> <p>a. does not adversely impact on a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land;</p> <p>b. does not preclude reasonable access to a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land for monitoring, maintenance or replacement purposes.</p> <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>	<p>AO45.1</p> <p>No filling or excavation is undertaken in an easement issued in favour of Council or a public sector entity.</p> <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p> <p>AO45.2</p> <p>Filling or excavation that would result in any of the following is not carried out on-site:</p>

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	<ul style="list-style-type: none"> a. a reduction in cover over any Council or public sector entity infrastructure service to less than 600mm; b. an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the earthworks being undertaken. <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>
<p>PO46</p> <p>Filling or excavation does not result in land instability.</p> <p>Note - Steep rock slopes and batters are inspected and certified for long-term stability by a suitably qualified and experienced geotechnical engineer with RPEQ qualifications. Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance.</p>	<p>No acceptable outcome provided</p>
<p>PO47</p> <p>Development does not result in</p> <ul style="list-style-type: none"> a. adverse impacts on the hydrological and hydraulic capacity of the waterway or floodway; b. increased flood inundation outside the site; c. any reduction in the flood storage capacity in the floodway; d. and any clearing of native vegetation. <p>Note - To demonstrate compliance with this outcome, Planning Scheme Policy - Stormwater Management provides guidance on the preparation of a site based stormwater management plan by a suitably qualified professional. Refer to Planning scheme policy - Integrated design for guidance on infrastructure design and modelling requirements.</p>	<p>No acceptable outcomes provided.</p>
<p>Retaining walls and structures</p>	
<p>PO48</p> <p>All earth retaining structures provide a positive interface with the streetscape and minimise impacts on the amenity of adjoining residents.</p>	<p>AO48</p> <p>Earth retaining structures:</p> <ul style="list-style-type: none"> a. are not constructed of boulder rocks or timber; b. where height is no greater than 900mm, are provided in accordance with Figure - Retaining on a boundary;

Figure - Retaining on boundary



- c. where height is greater than 900mm but no greater than 1.5m, are to be setback at least the equivalent height of the retaining structure from any property boundary;
- d. where height is greater than 1.5m, are to be setback and stepped 1.5m vertical: 1.5m horizontal, terraced, landscaped and drained as shown below.

Figure - Cut

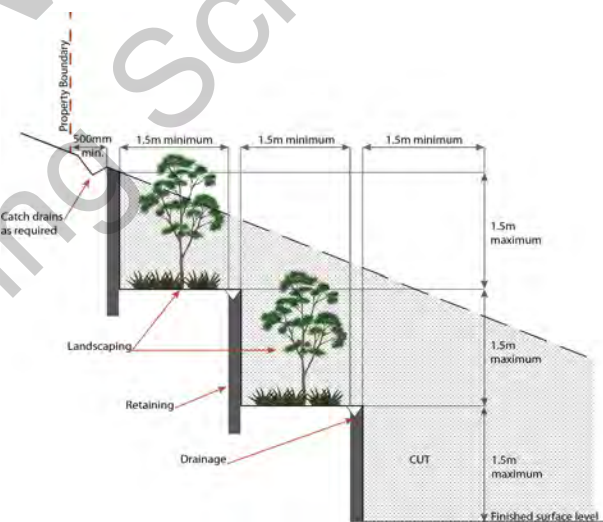
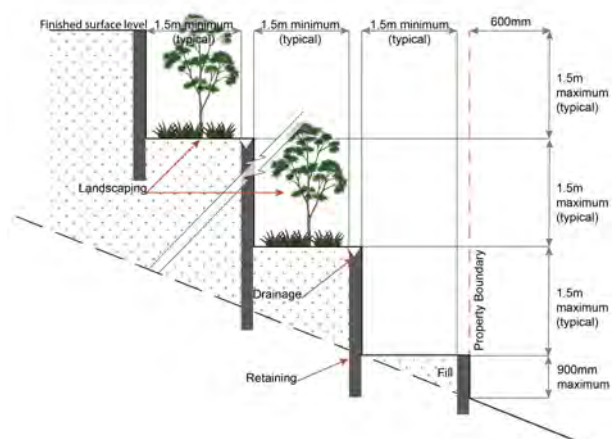


Figure - Fill



6 Zones

Fire Services

Note - The provisions under this heading only apply if:

- a. the development is for, or incorporates:
 - i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or
 - ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or
 - iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or
 - iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials.

AND

- b. none of the following exceptions apply:
 - i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or
 - ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site.

Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.

PO49

Development incorporates a fire fighting system that:

- a. satisfies the reasonable needs of the fire fighting entity for the area;
- b. is appropriate for the size, shape and topography of the development and its surrounds;
- c. is compatible with the operational equipment available to the fire fighting entity for the area;
- d. considers the fire hazard inherent in the materials comprising the development and their proximity to one another;
- e. considers the fire hazard inherent in the surrounds to the development site;
- f. is maintained in effective operating order.

Note - The Queensland Fire and Emergency Services is the entity currently providing the fire fighting function for the urban areas of the Moreton Bay Region.

AO49.1

External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of *Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations*.

Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005) that may be applicable:

- a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative;
- b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005);
- c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that:
 - i. for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings;
 - ii. for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans;
 - iii. for outdoor sales⁽⁵⁴⁾, processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities;
- d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and, where applicable, Part 3.6.

AO49.2

A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:

	<ul style="list-style-type: none"> a. an unobstructed width of no less than 3.5m; b. an unobstructed height of no less than 4.8m; c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance; d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point. <p>AO49.3</p> <p>On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in <i>Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment</i>.</p>
<p>PO50</p> <p>On-site fire hydrants that are external to buildings, as well as the available fire fighting appliance access routes to those hydrants, can be readily identified at all times from, or at, the vehicular entry point to the development site.</p>	<p>AO50</p> <p>For development that contains on-site fire hydrants external to buildings:</p> <ul style="list-style-type: none"> a. those external hydrants can be seen from the vehicular entry point to the site; or b. a sign identifying the following is provided at the vehicular entry point to the site: <ul style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager's office (where provided); v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points. <p>Note - The sign prescribed above, and the graphics used are to be:</p> <ul style="list-style-type: none"> a. in a form; b. of a size; c. illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>
<p>PO51</p>	<p>AO51</p>

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<p>Each on-site fire hydrant that is external to a building is signposted in a way that enables it to be readily identified at all times by the occupants of any firefighting appliance traversing the development site.</p>	<p>For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavement markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads.</p> <p>Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.</p>
Use specific criteria	
Air services ⁽³⁾	
<p>PO52</p> <p>Demonstrate capacity of existing infrastructure and airstrip to accommodate additional aircraft movements without adversely impacting amenity of surrounding residential uses and affecting the safe operation of the aerodrome.</p>	<p>No acceptable outcome provided.</p>
Caretaker's accommodation ⁽¹⁰⁾	
<p>PO53</p> <p>Development for a caretaker's accommodation⁽¹⁰⁾:</p> <ol style="list-style-type: none"> does not compromise the productivity of the use; is domestic in scale; provides adequate car parking provisions exclusive to the primary use of the site; is safe for the residents; has regard to the landscape and private recreation needs of the resident. 	<p>AO53</p> <p>Caretaker's accommodation⁽¹⁰⁾:</p> <ol style="list-style-type: none"> has a maximum GFA of 80m²; no more than 1 caretaker's accommodation⁽¹⁰⁾ is established per site; does not gain access from a separate driveway to the main use on the site; provides a minimum 16m² of private open space directly accessible from a habitable room; provides car parking in accordance with Schedule 7 - Car parking.
Club ⁽¹⁴⁾ and Community Use ⁽¹⁷⁾	
<p>PO54</p> <p>Development is of a low scale and intensity that;</p> <ol style="list-style-type: none"> maintains its subordinate function and nexus to the airfield and aviation activities; does not interfere with the operation of the airfield. 	<p>No acceptable outcome provided.</p>
Major electricity infrastructure ⁽⁴³⁾, Substation ⁽⁸⁰⁾ and Utility installation ⁽⁸⁶⁾	
<p>PO55</p>	<p>AO55.1</p>

<p>The development does not have an adverse impact on the visual amenity of a locality and is:</p> <ul style="list-style-type: none"> a. high quality design and construction; b. visually integrated with the surrounding area; c. not visually dominant or intrusive; d. located behind the main building line; e. below the level of the predominant tree canopy or the level of the surrounding buildings and structures; f. camouflaged through the use of colours and materials which blend into the landscape; g. treated to eliminate glare and reflectivity; h. landscaped; i. otherwise consistent with the amenity and character of the zone and surrounding area. 	<p>Development is designed to minimise surrounding land use conflicts by ensuring infrastructure, buildings, structures and other equipment:</p> <ul style="list-style-type: none"> a. are enclosed within buildings or structures; b. are located behind the main building line; c. have a similar height, bulk and scale to the surrounding fabric; d. have horizontal and vertical articulation applied to all exterior walls.
<p>PO57</p> <p>Infrastructure does not have an impact on pedestrian health and safety.</p>	<p>AO56.2</p> <p>A minimum 3m wide strip of dense planting is provided around the outside of the fenced area, between the development and street frontage, side and rear boundaries.</p> <p>AO57</p> <p>Access control arrangements:</p> <ul style="list-style-type: none"> a. do not create dead-ends or dark alleyways adjacent to the infrastructure; b. minimise the number and width of crossovers and entry points; c. provide safe vehicular access to the site; d. do not utilise barbed wire or razor wire.
<p>PO58</p> <p>All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility:</p> <ul style="list-style-type: none"> a. generates no audible sound at the site boundaries where in a residential setting; or b. meet the objectives as set out in the Environmental Protection (Noise) Policy 2008. 	<p>AO58</p> <p>All equipment which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure noise emissions meet the objectives as set out in the Environmental Protection (Noise) Policy 2008.</p>
<p>Telecommunications facility⁽⁸¹⁾</p> <p>Editor's note - In accordance with the Federal legislation Telecommunications facilities⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3Khz to 300Ghz.</p>	
<p>PO59</p> <p>Telecommunications facilities⁽⁸¹⁾ are co-located with existing telecommunications facilities⁽⁸¹⁾, Utility installation⁽⁸⁶⁾, Major electricity infrastructure⁽⁴³⁾ or Substation⁽⁸⁰⁾ if there is already a facility in the same coverage area.</p>	<p>AO59.1</p> <p>New telecommunication facilities⁽⁸¹⁾ are co-located on existing towers with new equipment shelter and associated structures positioned adjacent to the existing shelters and structures.</p> <p>AO59.2</p> <p>If not co-located with an existing facility, all co-location opportunities have been investigated and fully exhausted within a 2km radius of the site.</p>

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<p>PO60</p> <p>A new Telecommunications facility⁽⁸¹⁾ is designed and constructed to ensure co-masting or co-siting with other carriers both on the tower or pole and at ground level is possible in the future.</p>	<p>AO60</p> <p>A minimum of 45m² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.</p>
<p>PO61</p> <p>Telecommunications facilities⁽⁸¹⁾ do not conflict with lawful existing land uses both on and adjoining the site.</p>	<p>AO61</p> <p>The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.</p>
<p>PO62</p> <p>The Telecommunications facility⁽⁸¹⁾ does not have an adverse impact on the visual amenity of a locality and is:</p> <ul style="list-style-type: none"> a. high quality design and construction; b. visually integrated with the surrounding area; c. not visually dominant or intrusive; d. located behind the main building line; e. below the level of the predominant tree canopy or the level of the surrounding buildings and structures; f. camouflaged through the use of colours and materials which blend into the landscape; g. treated to eliminate glare and reflectivity; h. landscaped; i. otherwise consistent with the amenity and character of the zone and surrounding area. 	<p>AO62.1</p> <p>Where in an urban area, the development does not protrude more than 5m above the level of the existing treeline, prominent ridgeline or building rooftops in the surrounding townscape.</p>
	<p>AO62.2</p> <p>In all other areas towers do not exceed 35m in height.</p>
	<p>AO62.3</p> <p>Towers, equipment shelters and associated structures are of a design, colour and material to:</p> <ul style="list-style-type: none"> a. reduce recognition in the landscape; b. reduce glare and reflectivity.
	<p>AO62.4</p> <p>All structures and buildings are setback behind the main building line and a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.</p> <p>Where there is no established building line the facility is located at the rear of the site.</p>
	<p>AO62.5</p> <p>The facility is enclosed by security fencing or by other means to ensure public access is prohibited.</p>
	<p>AO62.6</p> <p>A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the facility and street frontage and adjoining uses.</p> <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p>

	Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person, to ensure compliance with Planning scheme policy - Integrated design.
PO63 Lawful access is maintained to the site at all times that does not alter the amenity of the landscape or surrounding uses.	AO63 An Access and Landscape Plan demonstrates how 24 hour vehicular access will be obtained and maintained to the facility in a manner that is appropriate to the site's context.
PO64 All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility generates no audible sound at the site boundaries where in a residential setting.	AO64 All equipment comprising the Telecommunications facility ⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.
Values and constraints criteria	
Note - The relevant values and constraints criteria do not apply where the development, the subject of the application, is associated and consistent with, and subsequent to a current Development permit for Reconfiguring a lot or Material change of use, where that approval, under this or a superseded planning scheme, has considered and addressed (e.g. through a development footprint plan or similar, or conditions of approval) the identified value or constraint under this planning scheme.	
Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)	
Note - Planning scheme policy - Acid sulfate soils provides guidance for self-assessable development that has the potential to disturb acid sulfate soils i.e. development involving filling or excavation works below the thresholds of 100m ³ and 500m ³ respectively.	
PO65 Development avoids disturbing acid sulfate soils. Where development disturbs acid sulfate soils, development: a. is managed to avoid or minimise the release of surface or groundwater flows containing acid and metal contaminants into the environment; b. protects the environmental and ecological values and health of receiving waters; c. protects buildings and infrastructure from the effects of acid sulfate soils.	AO65 Development does not involve: a. excavation or otherwise removing of more than 100m ³ of soil or sediment where below than 5m Australian Height datum AHD; or b. filling of land of more than 500m ³ of material with an average depth of 0.5m or greater where below the 5m Australian Height datum AHD.
Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)	
Note - To demonstrate achievement of the performance outcomes, a bushfire management plan is prepared by a suitably qualified person. Guidance for the preparation of a bushfire management plan is provided in Planning scheme policy – Bushfire hazard areas.	
Note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.	
PO66	AO66.1

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<p>Development:</p> <ul style="list-style-type: none"> a. minimises the number of buildings and people working and living on a site exposed to bushfire risk; b. ensures the protection of life during the passage of a fire front; c. is located and designed to increase the chance of survival of buildings and structures during a bushfire; d. minimises bushfire risk from build up of fuels around buildings and structures; e. ensure safe and effective access for emergency services during a bushfire. 	<p>Buildings and structures are:</p> <ul style="list-style-type: none"> a. not located on a ridgeline; b. not located on land with a slope greater than 15% (see Overlay map - Landslide hazard (for land having a slope greater than 15%)); c. dwellings are located on east to south facing slopes. <p>AO66.2</p> <p>Buildings and structures have contained within the site:</p> <ul style="list-style-type: none"> a. a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; b. a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; c. a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures; d. an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and e. an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%: <ul style="list-style-type: none"> i. to, and around, each building and other roofed structure; and ii. to each fire fighting water supply extraction point. <p>Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959</p>
<p>PO67</p> <p>Development and associated driveways and access ways:</p> <ul style="list-style-type: none"> a. avoid potential for entrapment during a bushfire; b. ensure safe and effective access for emergency services during a bushfire; c. enable safe evacuation for occupants of a site during a bushfire. 	<p>AO67</p> <p>A length of driveway:</p> <ul style="list-style-type: none"> a. to a road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; b. has a maximum gradient no greater than 12.5%; c. have a minimum width of 3.5m; d. accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
<p>PO68</p> <p>Development provides an adequate water supply for fire-fighting purposes.</p>	<p>AO68</p> <ul style="list-style-type: none"> a. a reticulated water supply is provided by a distributor retailer for the area or;

	<ul style="list-style-type: none"> b. where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is located within 10m of buildings and structures. c. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access is provided to within 3m of that water storage source. d. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ul style="list-style-type: none"> i. a hardstand area allowing medium rigid vehicles (15 tonne fire appliance) access within 6m of the tank; ii. fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 200mm (minimum) to accommodate suction lines.
<p>PO69</p> <p>Development:</p> <ul style="list-style-type: none"> a. does not present unacceptable risk to people or environment due to the impact of bushfire on dangerous goods or combustible liquids; b. does not present danger or difficulty to emergency services for emergency response or evacuation. <p>Editor's note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.</p>	<p>A069</p> <p>Development does not involve the manufacture or storage of hazardous chemicals.</p>
<p>Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)</p> <p>Note – The following are exempt from the native vegetation clearing provisions of this planning scheme:</p> <ul style="list-style-type: none"> a. Clearing of native vegetation located within an approved development footprint; b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; 	

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- h. Grazing of native pasture by stock;
- i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development

Note - Definition for native vegetation is located in Schedule 1 Definitions.

Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.

Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.

Note - To demonstrate achievement of the performance outcome, an ecological assessment, vegetation management plan and fauna management plan, as required, are prepared by a suitably qualified person. Guidance for the preparation of above mentioned reports is provided in Planning scheme policy - Environmental areas.

Vegetation clearing, ecological value and connectivity

PO70

Development avoids locating in a High Value Area or a Value Offset Area. Where it is not practicable or reasonable for development to avoid establishing in these areas, development must ensure that:

- a. the quality and integrity of the biodiversity and ecological values inherent to a High Value Area and a Value Offset Area is maintained and not lost or degraded;
- b. on-site mitigation measures, mechanisms or processes are in place demonstrating the quality and integrity of the biodiversity and ecological values inherent to a High Value Area and a Value Offset Area area maintained. For example, this can be achieved through replacement, restoration or rehabilitation planting as part of any proposed covenant, the development of a Vegetation Management Plan, a Fauna Management Plan, and any other on-site mitigation options identified in the Planning scheme policy - Environmental areas*.

* Editor's note - This is not a requirement for an environmental offset under the Environmental Offsets Act 2014.

No acceptable outcome provided.

PO71

Development provides for safe, unimpeded, convenient and ongoing wildlife movement and establishes and maintains habitat connectivity by:

- a. retaining habitat trees;
- b. providing contiguous patches of habitat;
- c. provide replacement and rehabilitation planting to improve connectivity;

No acceptable outcome provided.

<p>d. avoiding the creation of fragmented and isolated patches of habitat;</p> <p>e. providing wildlife movement infrastructure.</p> <p>Editor's note - Wildlife movement infrastructure may include refuge poles, tree boulevarding, 'stepping stone' vegetation plantings, tunnels, appropriate wildlife fencing; culverts with ledges, underpasses, overpasses, land bridges and rope bridges. Further information is provided in Planning scheme policy – Environmental areas.</p>	
Vegetation clearing and habitat protection	
<p>PO72</p> <p>Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected.</p>	No acceptable outcome provided.
<p>PO73</p> <p>Development does not result in the net loss or degradation of habitat value in a High Value Area or a Value Offset Area. Where development does result in the loss or degradation of habitat value, development will:</p> <p>a. rehabilitate, revegetate, restore and enhance an area to ensure it continues to function as a viable and healthy habitat area;</p> <p>b. provide replacement fauna nesting boxes in the event of habitat tree loss in accordance with Planning scheme policy - Environmental areas;</p> <p>c. undertake rehabilitation, revegetation and restoration in accordance with the South East Queensland Ecological Restoration Framework.</p>	No acceptable outcome provided.
<p>PO74</p> <p>Development ensures safe, unimpeded, convenient and ongoing wildlife movement and habitat connectivity by:</p> <p>a. providing contiguous patches of habitat;</p> <p>b. avoiding the creation of fragmented and isolated patches of habitat;</p> <p>c. providing wildlife movement infrastructure;</p> <p>d. providing replacement and rehabilitation planting to improve connectivity.</p>	No acceptable outcome provided.
Vegetation clearing and soil resource stability	
<p>PO75</p> <p>Development does not:</p>	No acceptable outcome provided.

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<ul style="list-style-type: none"> a. result in soil erosion or land degradation; b. leave cleared land exposed for an unreasonable periods of time but is rehabilitated in a timely manner. 	
<p>Vegetation clearing and water quality</p>	
<p>PO76</p> <p>Development maintains or improves the quality of groundwater and surface water within, and downstream, of a site by:</p> <ul style="list-style-type: none"> a. ensuring an effective vegetated buffers and setbacks from waterbodies is retained to achieve natural filtration and reduce sediment loads; b. avoiding or minimising changes to landforms to maintain hydrological water flows; c. adopting suitable measures to exclude livestock from entering a waterbody where a site is being used for animal husbandry⁽⁴⁾ and animal keeping⁽⁵⁾ activities. 	<p>No acceptable outcome provided.</p>
<p>PO77</p> <p>Development minimises adverse impacts of stormwater run-off on water quality by:</p> <ul style="list-style-type: none"> a. minimising flow velocity to reduce erosion; b. minimising hard surface areas; c. maximising the use of permeable surfaces; d. incorporating sediment retention devices; e. minimising channelled flow. 	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and access, edge effects and urban heat island effects</p>	
<p>PO78</p> <p>Development retains safe and convenient public access in a manner that does not result in the adverse edge effects or the loss or degradation of biodiversity values within the environment.</p>	<p>No acceptable outcomes provided.</p>
<p>PO79</p> <p>Development minimises potential adverse 'edge effects' on ecological values by:</p> <ul style="list-style-type: none"> a. providing dense planting buffers of native vegetation between a development and environmental areas; b. retaining patches of native vegetation of greatest possible size where located between a development and environmental areas ; c. restoring, rehabilitating and increasing the size of existing patches of native vegetation; 	<p>No acceptable outcome provided.</p>

<p>d. ensuring that buildings and access (public and vehicle) are setback as far as possible from environmental areas and corridors;</p> <p>e. landscaping with native plants of local origin.</p> <p>Editor's note - Edge effects are factors of development that go to detrimentally affecting the composition and density of natural populations at the fringe of natural areas. Factors include weed invasion, pets, public and vehicle access, nutrient loads, noise and light pollution, increased fire frequency and changes in the groundwater and surface water flow.</p>	
<p>PO80</p> <p>Development avoids adverse microclimate change and does not result in increased urban heat island effects. Adverse urban heat island effects are minimised by:</p> <p>a. pervious surfaces;</p> <p>b. providing deeply planted vegetation buffers and green linkage opportunities;</p> <p>c. landscaping with local native plant species to achieve well-shaded urban places;</p> <p>d. increasing the service extent of the urban forest canopy.</p>	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and Matters of Local Environmental Significance (MLES) environmental offsets</p>	
<p>PO81</p> <p>Where development results in the unavoidable loss of native vegetation within a Value Offset Area MLES waterway buffer or a Value Offset Area MLES wetland buffer, an environmental offset is required in accordance with the environmental offset requirements identified in Planning scheme policy - Environmental areas.</p> <p>Editor's note - For MSES Koala Offsets, State Planning Regulatory Provision environmental offset provisions apply.</p>	<p>No acceptable outcome provided.</p>
<p>Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)</p> <p>Note - To assist in demonstrating achievement of heritage performance outcomes, a Cultural heritage impact assessment report is prepared by a suitably qualified person verifying the proposed development is in accordance with The Australia ICOMOS Burra Charter.</p> <p>Note - To assist in demonstrating achievement of this performance outcome, a Tree assessment report is prepared by a qualified arborist in accordance with Planning scheme policy – Heritage and landscape character. The Tree assessment report will also detail the measures adopted in accordance with AS 4970-2009 Protection of trees on development sites.</p> <p>Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.</p>	

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<p>PO82</p> <p>Development will:</p> <ol style="list-style-type: none"> not diminish or cause irreversible damage to the cultural heritage values present on the site, and associated with a heritage site, object or building; protect the fabric and setting of the heritage site, object or building; be consistent with the form, scale and style of the heritage site, object or building; utilise similar materials to those existing, or where this is not reasonable or practicable, neutral materials and finishes; incorporate complementary elements, detailing and ornamentation to those present on the heritage site, object or building; retain public access where this is currently provided. 	<p>AO82</p> <p>Development is for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value.</p> <p>Note - A cultural heritage conservation management plan for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value is prepared in accordance with Planning scheme policy - Heritage and landscape character. The plan is sent to, and approved by Council prior to the commencement of any preservation, maintenance, repair and restoration works.</p>
<p>PO83</p> <p>Demolition and removal is only considered where:</p> <ol style="list-style-type: none"> a report prepared by a suitably qualified conservation architect or conservation engineer demonstrates that the building is structurally unsound and is not reasonably capable of economic repair; or demolition is confined to the removal of outbuildings, extensions and alterations that are not part of the original structure; or limited demolition is performed in the course of repairs, maintenance or restoration; or demolition is performed following a catastrophic event which substantially destroys the building or object. 	<p>No acceptable outcome provided.</p>
<p>PO84</p> <p>Where development is occurring on land adjoining a site of cultural heritage value, the development is to be sympathetic to and consistent with the cultural heritage values present on the site and not result in their values being eroded, degraded or unreasonably obscured from public view.</p>	<p>No acceptable outcome provided.</p>
<p>PO85</p> <p>Development does not adversely impact upon the health and vitality of significant trees. Where development occurs in proximity to a significant tree, construction measures and techniques as detailed in AS 4970-2009 Protection of trees on development sites are adopted to ensure a significant tree's health, wellbeing and vitality.</p>	<p>AO85</p> <p>Development does:</p> <ol style="list-style-type: none"> not result in the removal of a significant tree; not occur within 20m of a protected tree; involve pruning of a tree in accordance with Australian Standard AS 4373-2007 – Pruning of Amenity Trees.

<p>Significant trees are only removed where they are in a poor state of health or where they pose a health and safety risk to persons or property. A Tree Assessment report prepared by a suitably qualified arborist confirming a tree's state of health is required to demonstrate achievement of this performance outcome.</p>	
<p>Landslide (refer Overlay map - Landslide hazard to determine if the following assessment criteria apply)</p> <p>Note - To demonstrate achievement of the performance outcomes, a site-specific geotechnical assessment report is prepared by a qualified engineer. Guidance for the preparation of a geotechnical assessment report is provided in Planning scheme policy – Landslide hazard.</p>	
<p>PO86</p> <p>Development:</p> <ol style="list-style-type: none"> maintains the safety of people and property on a site and neighbouring sites from landslides; ensures the long-term stability of the site considering the full nature and end use of the development; ensures site stability during all phases of construction and development; minimises disturbance of natural drainage patterns of the site and does not result in the redirection or alteration of the existing flow if surface or groundwater minimises adverse visual impacts on the amenity of adjoining residents and provides a positive interface with the streetscape. 	<p>AO86</p> <p>Development does not:</p> <ol style="list-style-type: none"> involve earthworks exceeding 50m³; involve cut and fill having a height greater than 600mm; involve any retaining wall having a height greater than 600mm; redirect or alter the existing flow of surface or groundwater.
<p>PO87</p> <p>Buildings are designed to respond to sloping topography in the siting, design and form of buildings and structures by:</p> <ol style="list-style-type: none"> minimising overuse of cut and fill to create single flat pads and benching; avoiding expanses of retaining walls, loss of trees and vegetation and interference with natural drainage systems; minimising any adverse visual impact on the landscape character ; Protect the amenity of adjoining properties. 	<p>AO87</p> <p>Buildings, excluding domestic outbuildings:</p> <ol style="list-style-type: none"> are split-level, multiple-slab, pier or pole construction; are not single plane slab on ground.
<p>PO88</p> <p>Development protects the safety of people, property and the environment from the impacts of landslide on hazardous chemicals manufactured, handled or stored by incorporating design measures to ensure:</p> <ol style="list-style-type: none"> the long-term stability of the development site considering the full nature and end use of the development; 	<p>AO88</p> <p>Development does not involve the manufacture, handling or storage of hazardous chemicals.</p>

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<ul style="list-style-type: none"> b. site stability during all phases of construction and development; c. the development is not adversely affected by landslide activity originating on sloping land above the site; d. emergency access and access from the site for the public and emergency vehicles is available and is not at risk from landslide. 	
<p>Infrastructure buffers (refer Overlay map - Infrastructure buffers to determine if the following assessment criteria apply)</p>	
<p>PO89</p> <p>Odour sensitive development is separated from landfill sites so they are not adversely affected by odour emission or other air pollutant impacts.</p>	<p>AO89</p> <p>The following uses are not located within a Landfill buffer:</p> <ul style="list-style-type: none"> a. Caretaker's accommodation⁽¹⁰⁾; b. Community residence⁽¹⁶⁾; c. Dual occupancy⁽²¹⁾; d. Dwelling house⁽²²⁾; e. Dwelling unit⁽²³⁾; f. Hospital⁽³⁶⁾; g. Rooming accommodation⁽⁶⁹⁾; h. Multiple dwelling⁽⁴⁹⁾; i. Non-resident workforce accommodation⁽⁵²⁾; j. Relocatable home park⁽⁶²⁾; k. Residential care facility⁽⁶⁵⁾; l. Resort complex⁽⁶⁶⁾; m. Retirement facility⁽⁶⁷⁾; n. Rural workers' accommodation⁽⁷¹⁾; o. Short-term accommodation⁽⁷⁷⁾; p. Tourist park⁽⁸⁴⁾.
<p>Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)</p> <p>Note - The applicable river and creek flood planning levels associated with defined flood event (DFE) within the inundation area can be obtained by requesting a flood check property report from Council.</p>	
<p>PO90</p> <p>Development:</p> <ul style="list-style-type: none"> a. minimises the risk to persons from overland flow; b. does not increase the potential for damage from overland flow either on the premises or other premises, public land, watercourses, roads or infrastructure. 	<p>No acceptable outcome provided.</p>
<p>PO91</p> <p>Development:</p> <ul style="list-style-type: none"> a. maintains the conveyance of overland flow predominantly unimpeded through the premises 	<p>AO91</p> <p>No acceptable outcome provided.</p>

<p>for any event up to and including the 1% AEP for the fully developed upstream catchment;</p> <p>b. does not concentrate, intensify or divert overland flow onto an upstream, downstream or surrounding property.</p> <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow.</p>	
<p>PO92</p> <p>Development does not:</p> <p>a. directly, indirectly or cumulatively cause any increase in overland flow velocity or level;</p> <p>b. increase the potential for flood damage from overland flow either on the premises or other premises, public lands, watercourses, roads or infrastructure.</p> <p>Note - Open concrete drains greater than 1m in width are not an acceptable outcome, nor are any other design options that may increase scouring.</p>	<p>No acceptable outcome provided.</p>
<p>PO93</p> <p>Development ensures that public safety and the risk to the environment are not adversely affected by a detrimental impact of overland flow on a hazardous chemical located or stored on the premises.</p>	<p>AO93</p> <p>Development ensures that a hazardous chemical is not located or stored in an Overland flow path area.</p> <p>Note - Refer to the Work Health and Safety Act 2011 and associated Regulation and Guidelines, the Environmental Protection Act 1994 and the relevant building assessment provisions under the Building Act 1975 for requirements related to the manufacture and storage of hazardous substances.</p>
<p>PO94</p> <p>Development which is not in a Rural zone ensures that overland flow is not conveyed from a road or public open space onto a private lot.</p>	<p>AO94</p> <p>Development which is not in a Rural zone that an overland flow paths and drainage infrastructure is provided to convey overland flow from a road or public open space area away from a private lot.</p>
<p>PO95</p> <p>Development ensures that inter-allotment drainage infrastructure, overland flow paths and open drains through private property cater for overland flows for a fully developed upstream catchment and are able to be easily maintained.</p>	<p>AO95.1</p> <p>Development ensures that roof and allotment drainage infrastructure is provided in accordance with the following relevant level as identified in QUDM:</p> <p>a. Urban area – Level III;</p> <p>b. Rural area – N/A;</p>

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<p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>	<p>c. Industrial area – Level V; d. Commercial area – Level V.</p> <p>AO95.2</p> <p>Development ensures that inter-allotment drainage infrastructure is designed to accommodate any event up to and including the 1% AEP for the fully developed upstream catchment.</p>
<p>PO96</p> <p>Development protects the conveyance of overland flow such that an easement for drainage purposes is provided over:</p> <ol style="list-style-type: none"> a stormwater pipe if the nominal pipe diameter exceeds 300mm; an overland flow path where it crosses more than one premises; inter-allotment drainage infrastructure. <p>Note - Refer to Planning scheme policy - Integrated design for details and examples.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	<p>No acceptable outcome provided.</p>
<p>Additional criteria for development for a Park⁽⁵⁷⁾</p>	
<p>PO97</p> <p>Development for a Park⁽⁵⁷⁾ ensures that the design and layout responds to the nature of the overland flow affecting the premises such that:</p> <ol style="list-style-type: none"> public benefit and enjoyment is maximised; impacts on the asset life and integrity of park structures is minimised; maintenance and replacement costs are minimised. 	<p>AO97</p> <p>Development for a Park⁽⁵⁷⁾ ensures works are provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.</p>
<p>Riparian and wetland setbacks</p>	
<p>PO98</p> <p>Development provides and maintains a suitable setback from waterways and wetlands that protects natural and environmental values. This is achieved by recognising and responding to the following matters:</p> <ol style="list-style-type: none"> impact on fauna habitats; 	<p>AO98</p> <p>Development does not occur within:</p> <ol style="list-style-type: none"> 50m from top of bank for W1 waterway and drainage line 30m from top of bank for W2 waterway and drainage line

<ul style="list-style-type: none"> b. impact on wildlife corridors and connectivity; c. impact on stream integrity; d. impact of opportunities for revegetation and rehabilitation planting; e. edge effects. 	<ul style="list-style-type: none"> c. 20m from top of bank for W3 waterway and drainage line d. 100m from the edge of a Ramsar wetland, 50m from all other wetlands. <p>Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>
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Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)

Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code

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6.2.2.3 Utilities precinct

6.2.2.3.1 Purpose – Utilities

1. The Utilities precinct comprises a number of the Regions' key infrastructure facilities including, but not limited to, Lake Samsonvale (North Pine Dam), Lake Kurwongbah (Sideling Creek Dam), bulk electricity supply substations, rail lines, wastewater treatment plants, landfill sites, infrastructure provider depots and operations areas and some Council facilities. The purpose of the code will be achieved through the following overall outcomes for the Utilities precinct:
 - a. Development supports and meets the servicing needs of the community.
 - b. Development establishes in a concentrated and integrated manner to achieve efficient and effective functioning of utilities.
 - c. Development ensures the ongoing viability and operation of essential utilities.
 - d. Restrict development that may compromise or limit the ongoing operation and expansion of necessary utilities.
 - e. Adequate and sensible buffering and separation is provided between development and sensitive use.
 - f. Crime prevention through environmental design principles (CPTED) are incorporated into the design of buildings and structures to ensure the safety of people and property.
 - g. Development is of a scale, height and bulk that provides a high level of amenity and is sensitive to the character of the surrounding area.
 - h. General works associated with the development achieves the following:
 - i. new development is provided with a high standard of services to meet and support the current and future needs of users of the site, including roads, street lighting services, telecommunications and reticulated electricity (underground wherever possible), water and sewerage (where available);
 - ii. the development manages stormwater to:
 - A. ensure the discharge of stormwater does not adversely affect the quality, environmental values or ecosystem functions of downstream receiving waters;
 - B. prevent stormwater contamination and the release of pollutants;
 - C. maintain or improve the structure and condition of drainage lines and riparian areas;
 - D. avoid off-site adverse impacts from stormwater.
 - iii. the development does not result in unacceptable impacts on the capacity and safety of the external road network;
 - iv. the development ensures the safety, efficiency and useability of access ways and parking areas;
 - v. site works including earthworks are managed to be safe and have minimal impacts on adjoining or adjacent premises, the streetscape or the environment.
 - i. Activities associated with the use do not cause a nuisance by way of aerosols, fumes, light, noise, odour, particles or smoke.
 - j. Noise generating uses are designed, sited and constructed to minimise the transmission of noise to appropriate levels and do not cause environmental harm or nuisance.
 - k. Noise sensitive uses are designed, sited and constructed so as not to be subject to unacceptable levels of noise.

- l. Development in a Water supply buffer is undertaken in a manner which contributes to the maintenance and enhancement where possible of water quality to protect the drinking water and aquatic ecosystem environmental values in those catchments.
- m. Development avoids areas subject to constraint, limitation, or environmental value. Where development cannot avoid these identified areas, it responds by:
- i. adopting a 'least risk, least impact' approach when designing, siting and locating development in any area subject to a constraint, limitation or environmental value to minimise the potential risk to people, property and the environment;
 - ii. ensuring no further instability, erosion or degradation of the land, water or soil resource;
 - iii. when located within a Water buffer area, complying with the Water Quality Vision and Objectives contained in the Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.
 - iv. maintaining, restoring and rehabilitating environmental values, including natural, ecological, biological, aquatic, hydrological and amenity values, and enhancing these values through the provision of planting and landscaping, and facilitating safe wildlife movement and connectivity through:
 - A. the provision of replacement, restoration, rehabilitation planting and landscaping;
 - B. the location, design and management of development to avoid or minimise adverse impacts on ecological systems and processes;
 - C. the requiring of environmental offsets in accordance with the Environmental Offsets Act 2014.
 - v. protecting native species and protecting and enhancing species habitat;
 - vi. protecting and preserving the natural, aesthetic, architectural historic and cultural values of significant trees, places, objects and buildings of heritage and cultural significance;
 - vii. establishing effective separation distances, buffers and mitigation measures associated with identified infrastructure to minimise adverse effects on sensitive land uses from odour, noise, dust and other nuisance generating activities;
 - viii. establishing, maintaining and protecting appropriate buffers to waterways, wetlands, native vegetation and significant fauna habitat;
 - ix. ensuring it promotes and does not undermine the ongoing viability, integrity, operation, maintenance and safety of identified infrastructure;
 - x. ensuring effective and efficient disaster management response and recovery capabilities;
 - xi. where located in an overland flow path:
 - A. development siting, built form, layout and access responds to the risk presented by the overland flow and minimises risk to personal safety;
 - B. development is resilient to the impacts of overland flow by ensuring the siting and design accounts for the potential risks to property associated with the overland flow;
 - C. development does not impact on the conveyance of the overland flow for any event up to and including the 1% AEP for the fully developed upstream catchment;
 - D. development directly, indirectly and cumulatively avoid an increase in the severity of overland flow and potential for damage on the premises or other premises, public lands, watercourses, roads or infrastructure.
- m. Development in the Utilities precinct includes 1 or more of the following:

<ul style="list-style-type: none"> • Emergency services⁽²⁵⁾ • Indoor sport and recreation⁽³⁸⁾ - if in accordance with a Council Master Plan approved under Council policy 	<ul style="list-style-type: none"> • Major electricity infrastructure⁽⁴³⁾ • Outdoor sport and recreation⁽⁵⁵⁾ - if in accordance with a Council Master Plan approved under Council policy • Park⁽⁵⁷⁾ 	<ul style="list-style-type: none"> • Transport depot⁽⁸⁵⁾ - if located on Council owned or controlled land • Substation⁽⁸⁰⁾ • Telecommunications facility⁽⁸¹⁾ • Utility installation⁽⁸⁶⁾
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n. Development in the Utilities precinct does not include any of the following:

<ul style="list-style-type: none"> • Adult store⁽¹⁾ • Agricultural supplies store⁽²⁾ • Air services⁽³⁾ • Animal husbandry⁽⁴⁾ • Animal keeping⁽⁵⁾ • Aquaculture⁽⁶⁾ • Bar⁽⁷⁾ • Brothel⁽⁸⁾ • Bulk landscape supplies⁽⁹⁾ • Caretaker's accommodation⁽¹⁰⁾ • Car wash⁽¹¹⁾ • Cemetery⁽¹²⁾ • Child care centre⁽¹³⁾ • Club⁽¹⁴⁾ • Community care centre⁽¹⁵⁾ • Community residence⁽¹⁶⁾ • Community use⁽¹⁷⁾ • Crematorium⁽¹⁸⁾ • Cropping⁽¹⁹⁾ • Detention facility⁽²⁰⁾ • Dual occupancy⁽²¹⁾ • Dwelling house⁽²²⁾ • Dwelling unit⁽²³⁾ • Educational establishment⁽²⁴⁾ • Environmental facility⁽²⁶⁾ 	<ul style="list-style-type: none"> • Function facility⁽²⁹⁾ • Funeral parlour⁽³⁰⁾ • Garden centre⁽³¹⁾ • Hardware and trade supplies⁽³²⁾ • Health care services⁽³³⁾ • High Impact industry⁽³⁴⁾ • Home based business⁽³⁵⁾ • Hospital⁽³⁶⁾ • Hotel⁽³⁷⁾ • Intensive animal industry⁽³⁹⁾ • Intensive horticulture⁽⁴⁰⁾ • Landing⁽⁴¹⁾ • Low impact industry⁽⁴²⁾ • Major sport, recreation and entertainment facility⁽⁴⁴⁾ • Marine industry⁽⁴⁵⁾ • Market⁽⁴⁶⁾ • Medium impact industry⁽⁴⁷⁾ • Motor sport facility⁽⁴⁸⁾ • Multiple dwelling⁽⁴⁹⁾ • Nature-based tourism⁽⁵⁰⁾ • Nightclub entertainment facility⁽⁵¹⁾ • Non-resident workforce accommodation⁽⁵²⁾ • Office⁽⁵³⁾ • Outdoor sales⁽⁵⁴⁾ 	<ul style="list-style-type: none"> • Port services⁽⁶¹⁾ • Relocatable home park⁽⁶²⁾ • Research and technology industry⁽⁶⁴⁾ • Residential care facility⁽⁶⁵⁾ • Resort complex⁽⁶⁶⁾ • Retirement facility⁽⁶⁷⁾ • Roadside stall⁽⁶⁸⁾ • Rooming accommodation⁽⁶⁹⁾ • Rural industry⁽⁷⁰⁾ • Rural workers⁽⁷¹⁾ accommodation⁽⁷¹⁾ • Sales office⁽⁷²⁾ • Service industry⁽⁷³⁾ • Service station⁽⁷⁴⁾ • Shop⁽⁷⁵⁾ • Shopping centre⁽⁷⁶⁾ • Short-term accommodation⁽⁷⁷⁾ • Showroom⁽⁷⁸⁾ • Special industry⁽⁷⁹⁾ • Theatre⁽⁸²⁾ • Tourist attraction⁽⁸³⁾ • Tourist park⁽⁸⁴⁾ • Transport depot⁽⁸⁵⁾ (if not located on Council or State owned land) • Veterinary services⁽⁸⁷⁾
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<ul style="list-style-type: none"> • Extractive industry⁽²⁷⁾ • Food and drink outlet⁽²⁸⁾ 	<ul style="list-style-type: none"> • Permanent plantation⁽⁵⁹⁾ • Place of worship⁽⁶⁰⁾ 	<ul style="list-style-type: none"> • Warehouse⁽⁸⁸⁾ • Wholesale nursery⁽⁸⁹⁾ • Winery⁽⁹⁰⁾
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- o. Development not listed in the tables above may be considered on its merits and where it reflects and supports the outcomes of the zone.

6.2.2.3 Criteria for assessment

To determine if development is self-assessable, development must comply with the self-assessable acceptable outcomes set out in Part E, Table 6.2.2.3.1. Where development does not meet a self-assessable acceptable outcome (SAO) of the relevant criteria Part E Table 6.2.2.3.1, assessment is against the corresponding performance outcome (PO) identified in the table below. This only occurs whenever a SAO is not met, and is therefore limited to the subject matter of the SAOs that are not complied with. To remove any doubt, for those SAOs that are complied with, there is no need for assessment against the corresponding PO.

Self-assessable acceptable outcomes (SAO)	Corresponding performance outcomes (PO)
SAO1	PO15-PO18
SAO2	PO15-PO18
SAO3	PO5
SAO4	PO8
SAO5	PO9
SAO6	PO12
SAO7	PO19
SAO8	PO20-PO24
SAO9	PO22
SAO10	PO23
SAO11	PO27
SAO12	PO27
SAO13	PO29
SAO14	PO31
SAO15	PO33
SAO16	PO34
SAO17	PO36
SAO18	PO38
SAO19	PO39
SAO20	PO36
SAO21	PO40
SAO22	PO40-PO45

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SAO23	PO42
SAO24	PO46
SAO25	PO46
SAO26	PO46
SAO27	PO47
SAO28	PO48
SAO29	PO53
SAO30	PO54
SAO31	PO55
SAO32	PO55
SAO33	PO55
SAO34	PO55
SAO35	PO57
SAO36	PO60
SAO37	PO61
SAO38	PO61
SAO39	PO62
SAO40	PO63
SAO41	PO64
SAO42	PO65-PO76
SAO43	PO65-PO76
SAO44	PO77
SAO45	PO78
SAO46	PO79
SAO47	PO80
SAO48	PO81
SAO49	PO82
SAO50	PO82
SAO51	PO83-PO84
SAO52	PO83-PO84
SAO53	PO86
SAO54	PO86
SAO55	PO86
SAO56	PO87
SAO57	PO88
SAO58	PO89

SAO59	PO90
SAO60	PO91
SAO61	PO91
SAO62	PO94
SAO63	PO92
SAO64	PO92
SAO65	PO92
SAO66	PO91
SAO67	PO93
SAO68	PO93
SAO70	PO95
SAO71	PO96-PO97
SAO72	PO98
SAO73	PO100-PO102, PO104-PO106
SAO74	PO100-PO102, PO104-PO106
SAO75	PO100-PO102
SAO76	PO103
SAO77	PO107
SAO78	PO108
SAO79	PO109
SAO80	PO110
SAO81	PO111
SAO82	PO111

Part E - Criteria for self-assessable development - Utilities precinct

Table 6.2.2.3.1 Self-assessable development - Utilities precinct

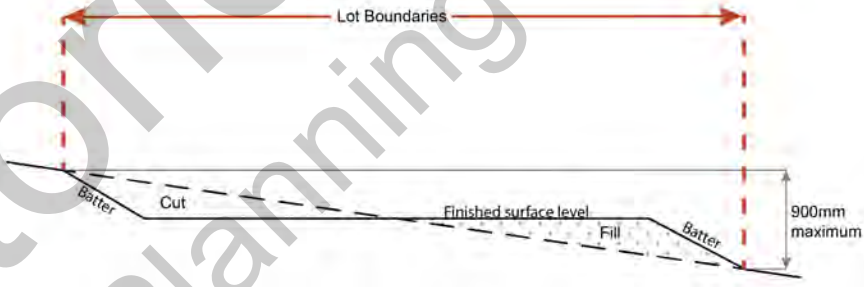
Self-assessable acceptable outcomes	
General criteria	
Hazardous Chemicals	
SAO1	All development that involves the storage or handling of hazardous chemicals listed in Schedule 9, Development involving hazardous chemicals, Table 9.0.1 Hazardous Chemicals Self-Assessable Thresholds complies with Schedule 9, Table 9.0.3 Hazardous Chemicals Self-Assessable Criteria.
SAO2	Development does not involve the storage or handling of hazardous chemicals listed in Schedule 9, Development involving hazardous chemicals, Table 9.0.2 Hazardous Chemicals Assessable Thresholds.
Site cover	
SAO3	Site cover of all buildings and structures does not exceed 40%.

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Lighting	
SAO4	<p>Artificial lighting on-site is directed and shielded in such a manner as not to exceed the recommended maximum values of light technical parameters for the control of obtrusive light given in Table 2.1 of Australian Standard AS 4282 (1997) Control of Obtrusive Effects of Outdoor Lighting.</p> <p>Note - "Curfewed hours" are taken to be those hours between 10pm and 7am on the following day.</p>
Traffic matters	
SAO5	On-site car parking is provided in accordance with Schedule 7 - Car parking.
Waste	
SAO6	Bins and bin storage area/s are provided, designed and managed in accordance with Planning scheme policy – Waste.
Clearing of habitat trees where not located in the Environmental areas overlay map.	
SAO7	<p>Development does not result in the damaging, destroyed or clearing of a habitat tree. This does not apply to:</p> <ol style="list-style-type: none"> a. Clearing of a habitat tree located within an approved development footprint; b. Clearing of a habitat tree within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of a habitat tree reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; d. Clearing of a habitat tree reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural , Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; e. Clearing of a habitat tree reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; f. Clearing of a habitat tree in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; g. Clearing of a habitat tree associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; h. Native forest practice where exempt under Part 1, 1.7.7 Exempt development. <p>Editor's note - A native tree measuring greater than 80cm in diameter when measured at 1.3m from the ground is recognised as a 'habitat tree'. For further information on habitat trees, refer to Planning scheme policy – Environmental areas and corridors. Information detailing how this measurement is undertaken is provided in Australian Standard AS 4970 2009 Protection of Trees on Development Sites - Appendix A.</p>
Works criteria	
Utilities	
SAO8	<p>Where available, the development is connected to:</p> <ol style="list-style-type: none"> a. an existing reticulated electricity supply;

	<ul style="list-style-type: none"> b. telecommunications and broadband; c. reticulated sewerage; d. reticulated water; e. constructed and dedicated road.
SAO9	<p>Where not in a sewerage area, the development is serviced by an appropriate on-site sewerage facility.</p> <p>Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.</p>
SAO10	<p>Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.</p>
Access	
SAO11	<p>Any new or changes to existing site access and driveways are designed and located in accordance with:</p> <ul style="list-style-type: none"> a. Where for a Council-controlled road, AS/NZS2890.1 section 3; or b. Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval.
SAO12	<p>Any new or changes to existing internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.</p>
Stormwater	
SAO13	<p>Any new or changes to existing stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises in accordance with Planning scheme policy – Integrated design.</p> <p>Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.</p>
SAO14	<p>Development incorporates a minimum of 2% of the site area constructed as a bioretention system in accordance with Planning scheme policy – Integrated design if the development:</p> <ul style="list-style-type: none"> a. is for urban purposes only; b. involves a land area greater than 2500m²; c. will result in 6 or more dwellings; <p>OR</p> <p>will result in an impervious area greater than 25% of the net developable area;</p>
Site works and construction management	
SAO15	<p>The site and any existing structures are to be maintained in a tidy and safe condition.</p>
SAO16	<p>Site construction works incorporate temporary stormwater run-off, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design.</p>

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SAO17	Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.
SAO18	All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works. Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.
SAO19	Any damage to Council land or infrastructure is repaired or replaced with the same materials, prior to plan sealing, or final building classification.
SAO20	Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.
Earthworks	
SAO21	The site is prepared and the fill placed on-site in accordance with Australian Standard AS3798. Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures
SAO22	The total of all cut and fill on-site does not exceed 900mm in height. Figure - Cut and fill  Note - This is site earthworks not building work.
SAO23	Filling or excavation does not result in: a. a reduction in cover over any Council or public sector entity infrastructure to less than 600mm; b. an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the filling or excavation works being undertaken. Note - Public sector entity is defined in the Sustainable Planning Act 2009.
Fire services Note - The provisions under this heading only apply if: a. the development is for, or incorporates: i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or	

- iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or
- iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials.

AND

- b. none of the following exceptions apply:
 - i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or
 - ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site.

Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.

SAO24	<p>External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of <i>Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations</i>.</p> <p>Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005):</p> <ul style="list-style-type: none"> a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative; b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005); c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that: <ul style="list-style-type: none"> i. - for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings; ii. - for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans; iii. - for outdoor sales⁽⁵⁴⁾, processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities; and d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and where applicable, Part 3.6.
SAO25	<p>A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:</p> <ul style="list-style-type: none"> a. an unobstructed width of no less than 3.5m; b. an unobstructed height of no less than 4.8m; c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance; d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.
SAO26	<p>On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in <i>Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment</i>.</p>
SAO27	<p>For development that contains on-site fire hydrants external to buildings:</p>

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	<p>a. those external hydrants can be seen from the vehicular entry point to the site; or</p> <p>b. a sign identifying the following is provided at the vehicular entry point to the site:</p> <ol style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager's office (where provided); v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points. <p>Note - The sign prescribed above, and the graphics used are to be:</p> <ol style="list-style-type: none"> a. in a form; b. of a size; c. illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>
SAO28	<p>For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavements markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads.</p> <p>Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.</p>
Use specific criteria	
<p>Telecommunications facility⁽⁸¹⁾</p> <p>Editor's note - In accordance with the Federal legislation Telecommunications facilities⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3KHz to 300Ghz.</p>	
SAO29	<p>A minimum of 45m² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.</p>
SAO30	<p>The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.</p>
SAO31	<p>Equipment shelters and associated structures are located:</p> <ol style="list-style-type: none"> a. directly beside the existing equipment shelter and associated structures; b. behind the main building line; c. further away from the frontage than the existing equipment shelter and associated structures; d. a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.
SAO32	<p>Equipment shelters and other associated structures are either the same type of colour or material to match the surrounding locality.</p>

SAO33	The facility is enclosed by security fencing or by other means to ensure public access is prohibited.
SAO34	<p>A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the development and street frontage and adjoining uses.</p> <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p> <p>Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person to ensure compliance with Planning scheme policy - Integrated design.</p>
SAO35	All equipment comprising the telecommunications facility ⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.

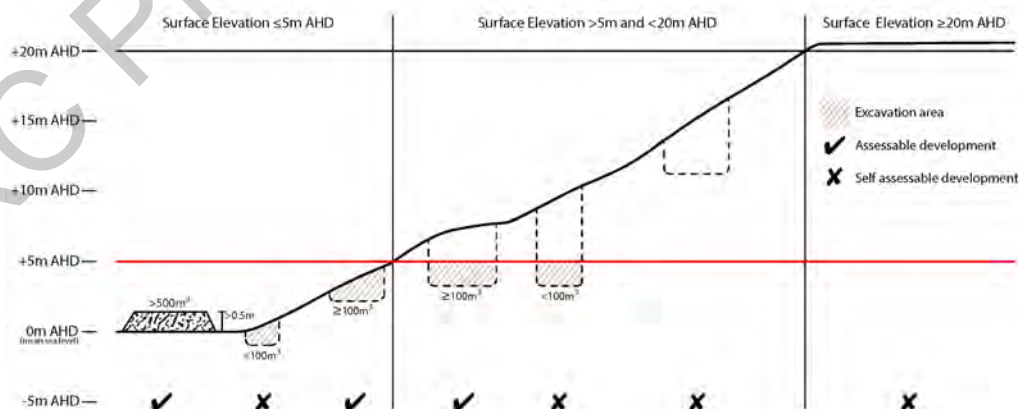
Values and constraints criteria

Note - The relevant values and constraints criteria do not apply where the development, the subject of the application, is associated and consistent with, and subsequent to a current Development permit for Reconfiguring a lot or Material change of use, where that approval, under this or a superseded planning scheme, has considered and addressed (e.g. through a development footprint plan or similar, or conditions of approval) the identified value or constraint under this planning scheme.

Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)

Note - To demonstrate achievement of the performance outcome, an Acid sulfate soils (ASS) investigation report and soil management plan is prepared by a qualified engineer. Guidance for the preparation an ASS investigation report and soil management plan is provided in Planning scheme policy - Acid sulfate soils.

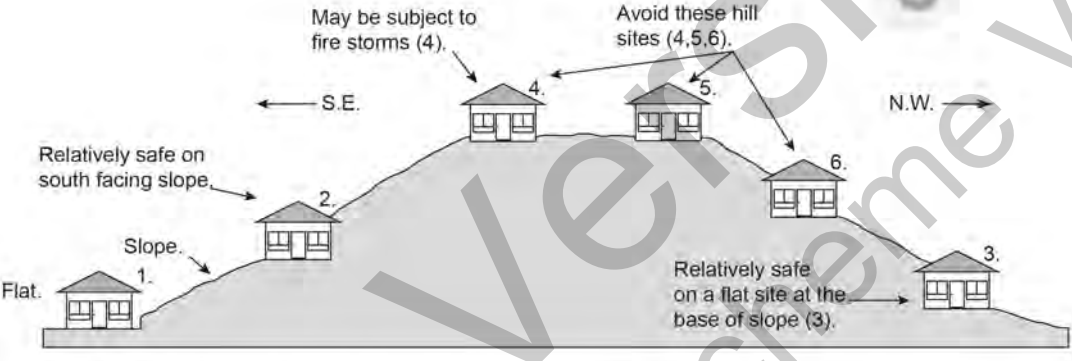
- SAO36** Development does not involve:
- excavation or otherwise removing of more than 100m³ of soil or sediment where below 5m Australian Height Datum AHD, or
 - filling of land of more than 500m³ of material with an average depth of 0.5m or greater where below the 5m AHD.



Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)

Note - For the purposes of section 12 of the Building Regulation 2006, land identified as very high potential bushfire intensity, high potential bushfire intensity, medium potential bushfire intensity or potential impact buffer on the Bushfire hazard areas overlay map is the 'designated bushfire hazard area'. AS 3959-2009 Construction of buildings in bushfire hazard areas applies within these areas.

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<p>SAO37</p>	<p>a. Building and structures are:</p> <ol style="list-style-type: none"> i. not located on a ridgeline ii. not located on land with a slope greater than 15% (see Overlay map – Landslide hazard (for land having a slope greater than 15%)) <p>b. Dwellings are located on east to south facing slopes.</p> <p style="text-align: center;">House Sites Numbered in Order of Degree of Fire Safety</p>  <p>(1 being the safest , 6 being the most hazardous.) From Bushfire Prone Areas: Siting and Design of Residential Buildings (1997), Queensland Department of Local Government and Planning, and Queensland Fire & Rescue Service.</p>
<p>SAO38</p>	<p>Buildings and structures have contained within the site:</p> <ol style="list-style-type: none"> a. a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; b. a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; c. a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures; d. an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and e. an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%: <ol style="list-style-type: none"> i. to, and around, each building and other roofed structure; and ii. to each fire fighting water supply extraction point. <p>Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959.</p>
<p>SAO39</p>	<p>The length of driveway:</p> <ol style="list-style-type: none"> a. to a public road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; b. has a maximum gradient no greater than 12.5%;

	<ul style="list-style-type: none"> c. have a minimum width of 3.5m; d. accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
SAO40	<ul style="list-style-type: none"> a. A reticulated water supply is provided by a distributor retailer for the area or, where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is provided and located within 10m of buildings and structures. b. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access to within 3m of that water storage source is provided. c. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ul style="list-style-type: none"> i. a hardstand area allowing medium rigid vehicle (15 tonne fire appliance) access within 6m of the tank; ii. fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 20mm (minimum) to accommodate suction lines.
SAO41	Development does not involve the manufacture or storage of hazardous chemicals.

Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)

Note - The following are exempt from the native clearing provisions of this planning scheme:

- a. Clearing of native vegetation located within an approved development footprint;
- b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency;
- c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure;
- d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence;
- e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes;
- f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council;
- g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;
- h. Grazing of native pasture by stock;
- i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development.

Note - Definition for native vegetation is located in Schedule 1 Definitions.

Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.

Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.

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<p>Editors' Note - When clearing native vegetation within a MSES area, you may still require approval from the State government.</p>	
<p>SAO42</p>	<p>Where no suitable land cleared of native vegetation exists, clearing of native vegetation in High Value Area or Value Offset Area is for the purpose of a new dwelling house⁽²²⁾ and all associated facilities* or an extension to an existing dwelling house⁽²²⁾ only, and comprises an area no greater than 1500m².</p> <p>Note - *All associated facilities includes: on-site wastewater treatment, all areas of disturbance, on-site parking, access and manoeuvring areas.</p> <p>Editor's note - See in heading above for other uses exempt from native vegetation clearing requirements.</p> <p>Editor's note - Where self-assessable vegetation clearance is being undertaken, care should be undertaken to avoid adverse impacts on koalas, koala habitat values and habitat connectivity and to encourage existing koala usage of the site. Measures to minimise impacts include:</p> <ol style="list-style-type: none"> i. co-locating all associated activities, infrastructure and access strips; ii. be the least valued area of koala habitat on the site; iii. minimise the footprint of the development envelope area; iv. minimise edge effects to areas external to the development envelope; v. location and design consideration to ensure koala safety and movement in accordance with the Koala-sensitive Design Guideline and Planning scheme policy – Environmental areas; vi. sufficient area between the development and koala habitat trees to achieve their long-term viability. <p>Editor's note - Where self-assessable vegetation clearing is being undertaken, consideration should be given to avoid clearing habitat trees. Habitat trees may contain structural hollows where animals live, breed and shelter. The provision of nest boxes or salvaging of hollows will provide compensatory roosting and nesting opportunities for local wildlife including sugar gliders, possums and owls. For further information see Planning scheme policy – Environmental areas.</p>
<p>SAO43</p>	<p>No clearing of native vegetation is to occur within the Value Offset Area MLES - Waterway buffer or Value Offset Area MLES - Wetland buffer.</p> <p>This does not apply to the following:</p> <ol style="list-style-type: none"> a. Clearing of native vegetation located within an approved development footprint; b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; h. Grazing of native pasture by stock; i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development.
<p>Extractive resources separation area (refer Overlay map - Extractive resources (separation area) to determine if the following assessment criteria apply)</p>	
<p>SAO44</p>	<p>Development does not result in more than one dwelling house⁽²²⁾ per lot within separation areas.</p>
<p>SAO45</p>	<p>Development within the separation area does not include the following uses:</p>

	<ul style="list-style-type: none"> a. caretaker's accommodation⁽¹⁰⁾; b. community residence⁽¹⁶⁾; c. dual occupancy⁽²¹⁾; d. dwelling unit⁽²³⁾; e. hospital⁽³⁶⁾; f. rooming accommodation⁽⁶⁹⁾; g. multiple dwelling⁽⁴⁹⁾; h. non-resident workforce accommodation⁽⁵²⁾; i. relocatable home park⁽⁶²⁾; j. residential care facility⁽⁶⁵⁾; k. resort complex⁽⁶⁶⁾; l. retirement facility⁽⁶⁷⁾; m. rural workers' accommodation⁽⁷¹⁾; n. short-term accommodation⁽⁷⁷⁾; o. tourist park⁽⁸⁴⁾.
SAO46	<p>All habitable rooms within the separation area are:</p> <ul style="list-style-type: none"> a. acoustically insulated to achieve the noise levels listed in Schedule 1 Acoustic Quality Objectives, Environmental Protection (Noise) Policy 2008; b. provided with mechanical ventilation.
SAO47	Private open space areas are separated from the resource processing area by buildings or a 1.8m high solid structure.
Extractive resources transport routes (refer Overlay map - Extractive resources (transport route and buffer) to determine if the following assessment criteria apply)	
SAO48	<p>The following uses are not located within the 100m wide transport route buffer:</p> <ul style="list-style-type: none"> a. Caretaker's accommodation⁽¹⁰⁾, except where located in the Extractive industry zone; b. Community residence⁽¹⁶⁾; c. Dual occupancy⁽²¹⁾; d. Dwelling house⁽²²⁾; e. Dwelling unit⁽²³⁾; f. Hospital⁽³⁶⁾; g. Rooming accommodation⁽⁶⁹⁾; h. Multiple dwelling⁽⁴⁹⁾; i. Non-resident workforce accommodation⁽⁵²⁾; j. Relocatable home park⁽⁶²⁾; k. Residential care facility⁽⁶⁵⁾; l. Resort complex⁽⁶⁶⁾; m. Retirement facility⁽⁶⁷⁾; n. Rural workers' accommodation⁽⁷¹⁾; o. Short-term accommodation⁽⁷⁷⁾; p. Tourist park⁽⁸⁴⁾.
SAO49	Except for an existing vacant lot, development does not create a new vehicle access point onto an Extractive resources transport route.
SAO50	A vehicle access point is located, designed and constructed in accordance with Planning scheme policy - Integrated design.
Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)	

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<p>Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.</p>	
SAO51	<p>Development is for the preservation, maintenance, repair and restoration of the site, object or building.</p> <p>This does not apply to Listed item 99, in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p> <p>Note - Preservation, maintenance, repair and restoration are defined in Schedule 1 - Definitions</p>
SAO52	<p>A cultural heritage conservation management plan is prepared in accordance with Planning scheme policy – Heritage and landscape character and submitted to Council prior to the commencement of any preservation, maintenance, repair and restoration works. Any preservation, maintenance, repair and restoration works are in accordance with the Council approved cultural heritage conservation management plan.</p> <p>This does not apply to Listed item 99 in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p>
SAO53	<p>Development does not result in the removal of or damage to any significant tree identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character.</p>
SAO54	<p>The following development does not occur within 20m of the base of any significant tree, identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character:</p> <ol style="list-style-type: none"> construction of any building; laying of overhead or underground services; any sealing, paving, soil compaction; any alteration of more than 75mm to the ground level prior to work commencing.
SAO55	<p>Pruning of a significant tree occurs in accordance with Australian Standard AS 4373-2007 - Pruning of Amenity Trees.</p>
<p>Landslide - land having a slope greater 15% (refer Overlay map - Landslide hazard - land having a slope greater 15% to determine if the following assessment criteria apply)</p>	
SAO56	<p>Development does not:</p> <ol style="list-style-type: none"> involve earthworks exceeding 50m³; involve cut and fill having a height greater than 600mm; involve any retaining wall having a height greater than 600mm; redirect or alter the existing flow of surface or groundwater.
SAO57	<p>Buildings, excluding domestic outbuildings:</p> <ol style="list-style-type: none"> are split-level, multiple-slab, pier or pole construction; are not single plane slab on ground.
SAO58	<p>Development does not involve the manufacture, handling or storage of hazardous chemicals.</p>
<p>Infrastructure buffers (refer Overlay map - Infrastructure buffers to determine if the following assessment criteria apply)</p>	
SAO59	<p>Development does not include the following uses within a Wastewater treatment plant buffer:</p>

	<ul style="list-style-type: none"> a. Caretaker's accommodation⁽¹⁰⁾; b. Community residence⁽¹⁶⁾; c. Dual occupancy⁽²¹⁾; d. Dwelling house⁽²²⁾; e. Dwelling unit⁽²³⁾; f. Hospital⁽³⁶⁾; g. Rooming accommodation⁽⁶⁹⁾; h. Multiple dwelling⁽⁴⁹⁾; i. Non-resident workforce accommodation⁽⁵²⁾; j. Relocatable home park⁽⁶²⁾; k. Residential care facility⁽⁶⁵⁾; l. Resort complex⁽⁶⁶⁾; m. Retirement facility⁽⁶⁷⁾; n. Rural workers' accommodation⁽⁷¹⁾; o. Short-term accommodation⁽⁷⁷⁾; p. Tourist park⁽⁸⁴⁾.
SAO60	Development within a Water supply buffer does not include the incineration or burial of waste and all other waste is collected and stored in weather proof, sealed waste receptacles, located in roofed and bunded areas, for disposal by a licenced contractor.
SAO61	Management, handling and storage of hazardous chemicals (including fuelling of vehicles) within a Water supply buffer, is undertaken in secured, climate controlled, weather proof, level and bunded enclosures.
SAO62	Development does not restrict access to Bulk water supply infrastructure of any type or size, having regard to (among other things): <ul style="list-style-type: none"> a. buildings or structures; b. gates and fences; c. storage of equipment or materials; d. landscaping or earthworks or stormwater or other infrastructure.
SAO63	On-site sewerage facilities in a Water supply buffer produce a minimum secondary treated effluent (90th percentile) and effluent application to ensure water quality is maintained and protected.
SAO64	On-site sewerage facilities in a Water supply buffer for a dwelling house ⁽²²⁾ include: <ul style="list-style-type: none"> a. emergency storage capacity of 1,000 litres and adequate buffering for shock loading/down time; b. a reserve land application area of 100% of the effluent irrigation design area; c. land application areas that are vegetated; d. the base of the land application field is at least 2 metres above the seasonal high water table/bedrock (whichever is the closest to the base of the application area); e. wastewater collection and storage systems must have capacity to accommodate full load at peak times.
SAO65	On-site sewerage facilities in a Water supply buffer for development other than a dwelling house include emergency storage capable of holding 3-6 hours peak flow of treated effluent in the event of emergencies/overload with provision for de-sludging.
SAO66	Development involving Permanent plantation ⁽⁵⁹⁾ within a Water supply buffer maintains a minimum of 30% ground cover at all times.
SAO67	Development does not involve the construction of any buildings or structures within a Bulk water supply infrastructure buffer.

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SAO68	Development involving a major hazard facility or an Environmentally Relevant Activity (ERA) is setback 30m from a Bulk water supply infrastructure buffer.
SAO69	Development does not involve the construction of any buildings or structures within the Gas pipeline buffer.
SAO70	Development does not include the following uses located within a landfill site buffer: <ul style="list-style-type: none"> a. caretaker's accommodation⁽¹⁰⁾; b. community residence⁽¹⁶⁾; c. dual occupancy⁽²¹⁾; d. dwelling house⁽²²⁾; e. dwelling unit⁽²³⁾; f. hospital⁽³⁶⁾; g. rooming accommodation⁽⁶⁹⁾; h. multiple dwelling⁽⁴⁹⁾; i. non-resident workforce accommodation⁽⁵²⁾; j. relocatable home park⁽⁶²⁾; k. residential care facility⁽⁶⁵⁾; l. resort complex⁽⁶⁶⁾; m. retirement facility⁽⁶⁷⁾; n. rural workers' accommodation⁽⁷¹⁾; o. short term accommodation⁽⁷⁷⁾; p. tourist park⁽⁸⁴⁾.
SAO71	All habitable rooms located within an Electricity supply substation buffer are: <ul style="list-style-type: none"> a. located a minimum of 10m from an electricity supply substation⁽⁸⁰⁾; and b. acoustically insulated to achieve the noise levels listed in Schedule 1, Acoustic Quality Objectives, Environmental Protection (Noise) Policy 2008.
SAO72	Development does not involve the construction of any buildings or structures containing habitable rooms or sensitive land uses within a High voltage electricity line buffer.
Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)	
SAO73	Development for a material change of use or building work does not involve the construction of a building or structure in an Overland flow path area.
SAO74	Development for a material change of use or operational work does not impede the flow of flood waters through the premises or worsen flood flows to other premises. <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>
SAO75	Development for a material change of use or building work ensures that fencing in an overland flow path area is at least 50% permeable.
SAO76	Development for a material change of use or building work that involves a hazardous chemical ensures the hazardous chemicals is not located within an overland flow path area.
SAO77	Development for a material change of use or building work for a Park ⁽⁵⁷⁾ ensures that work is provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.

Riparian and wetland setbacks (refer Overlay map - Riparian and wetland setback to determine if the following assessment criteria apply)

Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.

SA078 No development is to occur within:

- a. 50m from top of bank for W1 waterway and drainage line
- b. 30m from top of bank for W2 waterway and drainage line
- c. 20m from top of bank for W3 waterway and drainage line
- d. 100m from the edge of a Ramsar wetland, 50m from all other wetlands.

Note - W1, W2 and W3 waterways and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.

Note - In some cases, the top of bank may not be easily defined, as such a hydraulic measurement may be applied instead. Moreton Bay Regional Council will provide further direction on how to determine and locate the setback boundary in these locations.

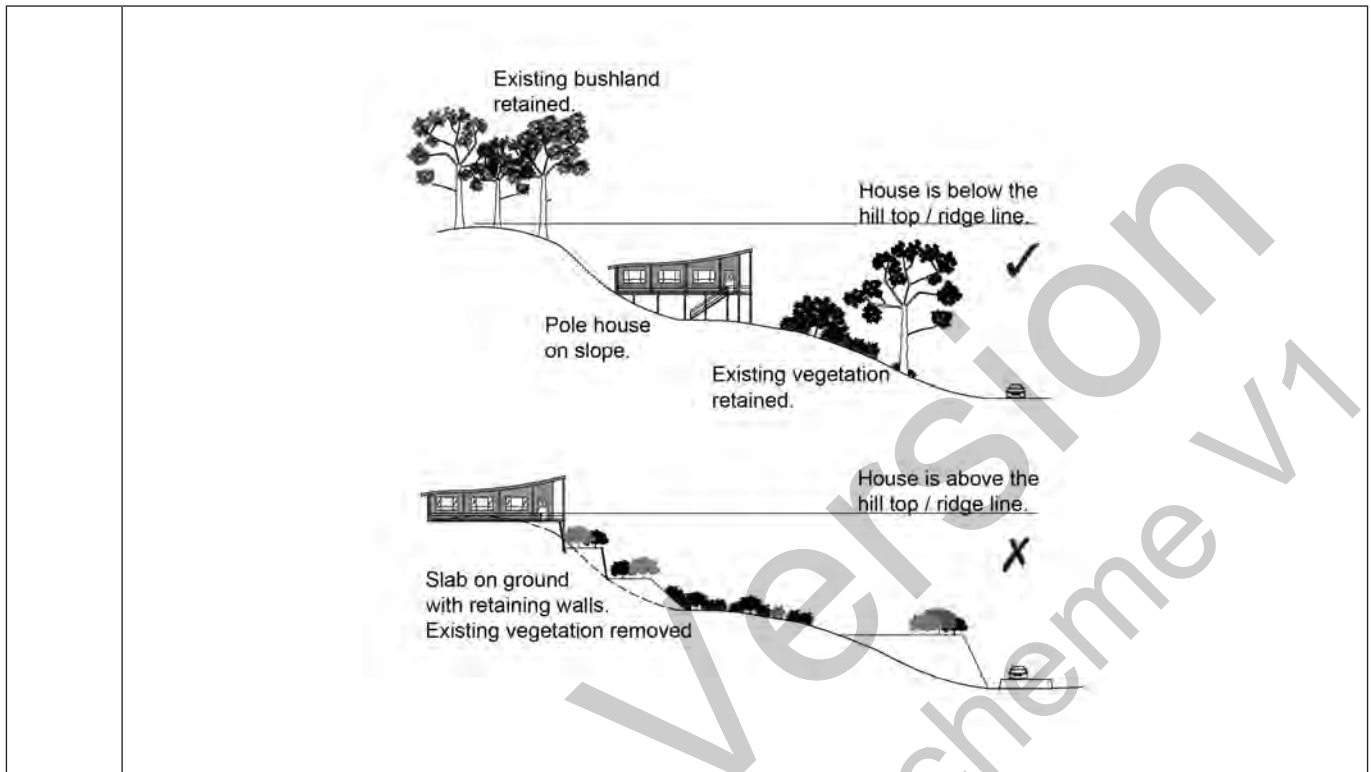
Note - The minimum setback distance applies to the each side of waterway.

Scenic amenity - Regionally significant (Hills) and Locally important (Coast) - (refer Overlay map - Scenic amenity to determine if the following assessment criteria apply)

SA079 Where located in the Regionally significant (Hills) scenic amenity overlay, buildings and structures are not:

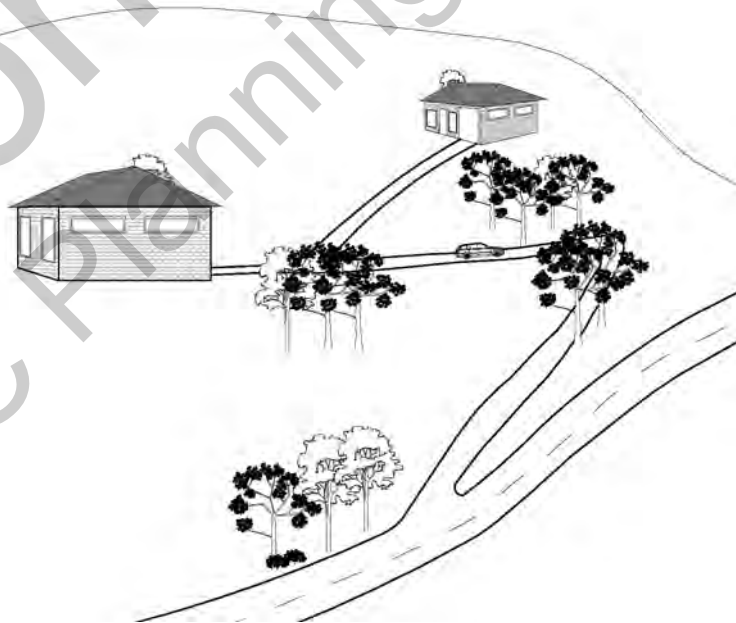
- a. located on a hill top or ridge line; and
- b. all parts of the building and structure are located below the hill top or ridge line.

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SAO80 Where located in the Regionally significant (Hills) scenic amenity overlay, driveways and accessways:

- a. go across land contours and do not cut straight up slopes;
- b. follow natural contours, not resulting in batters or retaining walls being greater than 1m in height.



SAO81 Where located in the Regionally significant (Hills) scenic amenity overlay, roofs and wall surfaces of buildings and structures adopt the following colours:

Colours from Australian Standard AS2700s – 1996		
G12 – Holly	G53 – Banksia	N44 – Bridge Grey
G13 – Emerald	G54 – Mist Green	N45 – Koala Grey

Colours from Australian Standard AS2700s – 1996		
G14 – Moss Green	G55 – Lichen	N52 – Mid Grey
G15 – Rainforest Green	G56 – Sage Green	N54 – Basalt
G16 – Traffic Green	G62 – Rivergum	N55 – Lead Grey
G17 – Mint Green	G64 – Slate	X54 – Brown
G21 – Jade	G65 – Ti Tree	X61 – Wombat
G22 – Serpentine	N25 – Birch Grey	X62 – Dark Earth
G23 – Shamrock	N32 – Green Grey	X63 – Iron Bark
G24 – Fern Green	N33 – Lightbox Grey	Y51 – Bronze Olive
G25 – Olive	N35 – Light Grey	Y61 – Black Olive
G34 – Avocado	N41 – Oyster	Y63 – Khaki
G52 – Eucalyptus	N42 – Storm Grey	Y66 – Mudstone
	N43 – Pipeline Grey	

SAO82 Where located in the Regionally significant (Hills) scenic amenity overlay, roofs and wall surfaces of buildings and structures are painted or finished such that reflectivity is less than 35%.

Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)

Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code

Part F — Criteria for assessable development - Utilities precinct

Where development is code assessable development in the Table of Assessment, the assessment criteria for that development are set out in Part F, Table 6.2.2.3.2.

Where development is impact assessable, the assessment criteria becomes the whole of the planning scheme.

Table 6.2.2.3.2 Assessable development - Utilities precinct

Performance outcomes	Acceptable outcomes
General criteria	
General	
PO1 The site is sufficient in area and dimension to accommodate the use, buildings and structures as well as required buffering measures, treatments, access, parking and manoeuvring.	No acceptable outcome provided.
PO2	No acceptable outcome provided.

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<p>Development does not hinder or constrain the ongoing operation and expansion of uses anticipated in the Utilities precinct.</p>	
<p>Built form and design</p>	
<p>PO3</p> <p>Buildings and structures are of a height, scale and bulk which:</p> <ol style="list-style-type: none"> a. are consistent with the existing amenity and character; b. minimise the visual impact of large-scale built form; c. do not result in a significant loss of amenity. 	<p>No acceptable outcome provided.</p>
<p>PO4</p> <p>Buildings and structures are designed and constructed to:</p> <ol style="list-style-type: none"> a. incorporate a mix of colours and high-quality materials to add diversification to treatments and finishes; b. avoid blank walls through façade articulation to create visual interest and deter graffiti and vandalism; c. activate and address the street, public areas and public open space; d. reduce cluttering of plant and equipment on building roofs. 	<p>AO4.1</p> <p>Development provides materials and finishes of a high quality that are not susceptible to stain, discolour or deterioration.</p>
	<p>AO4.2</p> <p>Development incorporates articulated walls with variation, detail and colour to reduce the bulk and impact of development and minimise expansive blank walls.</p>
	<p>AO4.3</p> <p>The main facade of the building directly addresses and faces the street and contains a mix of materials and colours.</p>
	<p>AO4.4</p> <p>Building utilities such as lift motor rooms and telecommunications equipment are designed to be visually integrated with the building.</p>
<p>PO5</p> <p>Development:</p> <ol style="list-style-type: none"> a. maintain a balance area of the site that is open and uncluttered by building and structures; b. ensure that buildings and structures are not overbearing, visually dominant or out of character with the surrounding environment nor detract from the amenity of adjoining land. 	<p>AO5</p> <p>Site cover of all buildings and structures does not exceed 40%.</p>
<p>Building setbacks</p>	

<p>PO6</p> <p>Building setback:</p> <ul style="list-style-type: none"> a. ensures impacts from the use are buffered and ameliorated; b. is compatible with established setbacks; c. is sufficient to minimise overlooking and maintain privacy of adjoining properties; d. is sufficient to ensure development is not visually dominant or overbearing on adjoining properties. 	<p>No acceptable outcome provided.</p>
Personal and property safety	
<p>PO7</p> <p>Buildings, structures and spaces are designed and constructed to create a safe and secure environment by incorporating key crime prevention through environmental design principles (CPTED), including:</p> <ul style="list-style-type: none"> a. casual surveillance opportunities and sight lines; b. way-finding cues and signage; c. defined different uses and private and public ownership through adequate fencing and signage; d. light illuminates pathways and potential entrapment areas as well as maximising opportunities for penetration of natural light into spaces; e. minimise predictable routes and entrapment locations. 	<p>No acceptable outcome provided.</p>
Amenity	
<p>PO8</p> <p>The amenity of the area and adjacent sensitive land uses are protected from the impacts of dust, odour, light, chemicals and other environmental nuisances.</p>	<p>No acceptable outcome provided.</p>
Car parking	
<p>PO9</p> <p>On-site car parking associated with an activity:</p> <ul style="list-style-type: none"> a. provides safe and convenient on-site parking and manoeuvring to meet anticipated parking demand; 	<p>AO9</p> <p>On-site car parking is provided in accordance with Schedule 7 - Car parking.</p>

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<p>b. does not result adverse impacts on the efficient and safe functioning of the road network;</p> <p>c. does not compromise the ongoing operation of existing or planned infrastructure and utilities.</p> <p>Note - Refer to Planning scheme policy - Integrated transport assessment for guidance on how to achieve compliance with this outcome</p>	
<p>Landscaping and screening</p>	
<p>PO10</p> <p>Landscaping and screening is provided in a manner that :</p> <p>a. achieves a high level of privacy and amenity to sensitive land use on adjoining properties and when viewed from the street;</p> <p>b. reduces the visual impact of building bulk and presence and hard surface areas on the local character and amenity of adjoining sensitive land use and from the street;</p> <p>c. creates a secure and safe environment by incorporating key elements of crime prevention through environmental design;</p> <p>d. achieves the design principles outlined in Planning scheme policy - Integrated design.</p>	<p>No acceptable outcome provided.</p>
<p>Loading and servicing</p>	
<p>PO11</p> <p>Loading and servicing areas:</p> <p>a. are not visible from the street frontage;</p> <p>b. are integrated into the design of the building;</p> <p>c. include screening and buffers to reduce negative impacts on adjoining sensitive land uses;</p> <p>d. where possible loading and servicing areas are consolidated and shared with adjoining sites.</p>	<p>No acceptable outcome provided.</p>
<p>Waste</p>	
<p>PO12</p> <p>Bins and bin storage areas are provided, designed and managed in accordance with Planning scheme policy – Waste.</p>	<p>No acceptable outcome provided.</p>

Noise	
<p>PO13</p> <p>Noise generating uses do not adversely affect existing noise sensitive uses.</p> <p>Note - The use of walls, barriers or fences that are visible from or adjoin a road or public area are not appropriate noise attenuation measures unless adjoining a motorway, arterial road or rail line.</p> <p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p>	<p>No acceptable outcome provided.</p>
<p>PO14</p> <p>Sensitive land uses are provided with an appropriate acoustic environment within designated external private outdoor living spaces and internal areas while:</p> <p>a. contributing to safe and usable public spaces, through maintaining high levels of surveillance of parks, streets and roads that serve active transport purposes (e.g. existing or future pedestrian paths or cycle lanes etc);</p> <p>b. maintaining the amenity of the streetscape.</p> <p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p> <p>Note - Refer to Planning Scheme Policy – Integrated design for details and examples of noise attenuation structures.</p>	<p>AO14.1</p> <p>Development is designed to meet the criteria outlined in the Planning Scheme Policy – Noise</p> <hr/> <p>AO14.2</p> <p>Noise attenuation structures (e.g. walls, barriers or fences):</p> <p>a. are not visible from an adjoining road or public area unless:</p> <p style="margin-left: 20px;">i. adjoining a motorway or rail line; or</p> <p style="margin-left: 20px;">ii. adjoining part of an arterial road that does not serve an existing or future active transport purpose (e.g. pedestrian paths or cycle lanes) or where attenuation through building location and materials is not possible.</p> <p>b. do not remove existing or prevent future active transport routes or connections to the street network;</p> <p>c. are located, constructed and landscaped in accordance with Planning scheme policy - Integrated design.</p> <p>Note - Refer to Planning scheme policy – Integrated design for details and examples of noise attenuation structures.</p> <p>Note - Refer to Overlay map – Active transport for future active transport routes.</p>
<p>Hazardous chemicals</p> <p>Note - To assist in demonstrating compliance with the following performance outcomes, a Hazard Assessment Report may be required to be prepared and submitted by a suitably qualified person in accordance with 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p> <p>Note - Terms used in this section are defined in 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p>	
<p>PO15</p>	<p>AO15.1</p>

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Off site risks from foreseeable hazard scenarios involving hazardous chemicals are commensurate with the sensitivity of the surrounding land use zones.

Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of land zoned for vulnerable or sensitive land uses as described below:

Dangerous Dose

- a. For any hazard scenario involving the release of gases or vapours:
 - i. AEGL2 (60minutes) or if not available ERPG2;
 - ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure.
- b. For any hazard scenario involving fire or explosion:
 - i. 7kPa overpressure;
 - ii. 4.7kW/m² heat radiation.

If criteria AO17.1 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 0.5×10^{-6} /year.

AO15.2

Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of a commercial or community activity land use zone as described below:

Dangerous Dose

- a. For any hazard scenario involving the release of gases or vapours:
 - i. AEGL2 (60minutes) or if not available ERPG2;
 - ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure.
- b. For any hazard scenario involving fire or explosion:
 - i. 7kPa overpressure;
 - ii. 4.7kW/m² heat radiation.

If criteria AO17.2 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 5×10^{-6} /year.

AO15.3

	<p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of an industrial land use zone as described below:</p> <p>Dangerous Dose</p> <ul style="list-style-type: none"> a. For any hazard scenario involving the release of gases or vapours: <ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. b. For any hazard scenario involving fire or explosion: <ul style="list-style-type: none"> i. 14kPa overpressure; ii. 12.6kW/m² heat radiation. <p>If criteria AO17.3 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 50 x 10⁻⁶/year.</p>
<p>PO16</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are designed to detect the early stages of a fire situation and notify a designated person.</p>	<p>AO16</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are provided with 24 hour monitored fire detection system for early detection of a fire event.</p>
<p>PO17</p> <p>Common storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) that are adequate to contain releases, including fire fighting media.</p>	<p>AO17</p> <p>Storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) capable of containing a minimum of the total aggregate capacity of all packages plus the maximum operating capacity of any fire protection system for the storage area(s) over a minimum of 60 minutes.</p>
<p>PO18</p> <p>Storage and handling areas, including manufacturing areas, containing hazardous chemicals in quantities greater than 2,500L or kg within a Local Government "flood hazard area" are located and designed in a manner to minimise the likelihood of inundation of flood waters from creeks, rivers, lakes or estuaries.</p>	<p>AO18.1</p> <p>The base of any tank with a WC >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area. Alternatively:</p> <ul style="list-style-type: none"> a. bulk tanks are anchored so they cannot float if submerged or inundated by water; and b. tank openings not provided with a liquid tight seal, i.e. an atmospheric vent, are extended above the relevant flood height level. <p>AO18.2</p>

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	The lowest point of any storage area for packages >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area. Alternatively, package stores are provided with impervious bund walls or racking systems higher than the relevant flood height level.
Clearing of habitat trees where not located within the Environmental areas overlay map.	
<p>PO19</p> <p>a. Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected.</p> <p>b. Development does not result in the net loss of fauna habitat. Where development does result in the loss of habitat tree, development will provide replacement fauna nesting boxes at the following rate of 1 nest box for every hollow removed. Where hollows have not yet formed in trees > 80cm in diameter at 1.3m height, 3 nest boxes are required for every habitat tree removed.</p> <p>c. Development does not result in soil erosion or land degradation or leave land exposed for an unreasonable period of time but is rehabilitated in a timely manner</p> <p>Note: Further guidance on habitat trees is provided in Planning scheme policy - Environmental areas</p>	No acceptable outcome provided
Works criteria	
Utilities	
<p>PO20</p> <p>The development is connected to an existing reticulated electricity supply system approved by the relevant energy regulating authority.</p>	<p>AO20</p> <p>Development is connected to underground electricity.</p>
<p>PO21</p> <p>The development has access to telecommunications and broadband services in accordance with current standards.</p>	No acceptable outcome provided
<p>PO22</p> <p>The development provides for the treatment and disposal of sewage and other waste water in a way that will not cause environmental harm or pose a risk to public health.</p>	<p>AO22.1</p> <p>Where in a sewerred area, the development is connected to a reticulated sewerage network.</p>
	<p>AO22.2</p>

	<p>Where not in a sewerage area, the development is serviced by an appropriate on-site sewerage facility.</p> <p>Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.</p>
	<p>AO22.3</p> <p>Trade waste is pre-treated on-site prior to discharging into the sewerage network.</p>
<p>PO23</p> <p>The development is provided with an adequate and sustainable supply of potable (drinking and general use e.g. gardening, washing, fire fighting) water.</p>	<p>AO23.1</p> <p>Where in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is connected to the reticulated water supply system in accordance with the South East Queensland Water Supply and Sewerage Design and Construction Code and the relevant Water Service Association of Australia (WSAA) codes and standards.</p>
	<p>AO23.2</p> <p>Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.</p>
<p>PO24</p> <p>The development is provided with constructed and dedicated road access.</p>	<p>No acceptable outcome provided</p>
<p>Access</p>	
<p>PO25</p> <p>Where required, access easements contain a driveway and provision for services appropriate to the use. The easement covers all works associated with the access in accordance with Planning scheme policy - Integrated design.</p>	<p>No acceptable outcome provided</p>
<p>PO26</p> <p>The layout of the development does not compromise:</p> <ol style="list-style-type: none"> the development of the road network in the area; the function or safety of the road network; the capacity of the road network. 	<p>AO26.1</p> <p>The development provides for the extension of the road network in the area in accordance with Council's road network planning.</p> <p>AO26.2</p>

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<p>Note - The road hierarchy is mapped on Overlay map - Road hierarchy.</p>	<p>The development does not compromise future road widening of frontage roads in accordance with the relevant standard and Council's road planning.</p>
<p>PO27</p> <p>Safe access is provided for all vehicles required to access the site.</p>	<p>AO26.3</p> <p>The lot layout allows forward access to and from the site.</p> <p>AO27.1</p> <p>Site access and driveways are designed and located in accordance with:</p> <ol style="list-style-type: none"> Where for a Council-controlled road, AS/NZS2890.1 section 3; or Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval. <p>AO27.2</p> <p>Internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.</p> <p>Note - This includes queue lengths (refer to Schedule 8 Service vehicle requirements), pavement widths and construction.</p> <p>AO27.3</p> <p>Access driveways, manoeuvring areas and loading facilities provide for service vehicles listed in Schedule 8 Service vehicle requirements for the relevant use. The on-site manoeuvring is to be in accordance with Schedule 8 Service vehicle requirements.</p>
<p>PO28</p> <p>Upgrade works (whether trunk or non-trunk) are provided where necessary to:</p> <ol style="list-style-type: none"> ensure the type or volume of traffic generated by the development does not have a negative impact on the external road network; ensure the orderly and efficient continuation of the active transport network; ensure the site frontage is constructed to a suitable urban standard generally in accordance with Planning scheme policy - Integrated design. <p>Note - An Integrated Transport Assessment (ITA) may be required to demonstrate compliance with this performance outcome refer to Planning scheme policy - Integrated transport assessment for guidance on when an ITA is required. An ITA should be prepared</p>	<p>No acceptable outcome provided</p>

<p>in accordance with Planning scheme policy - Integrated transport assessment.</p> <p>Note - The road network is mapped on Overlay map - Road hierarchy.</p> <p>Note - The primary and secondary active transport network is mapped on Overlay map - Active transport.</p> <p>Note - To demonstrate compliance with c. of this performance outcome, site frontage works where in existing road reserve (non-trunk) are to be designed and constructed as follows:</p> <ol style="list-style-type: none"> i. Where the street is partially established to an urban standard, match the alignment of existing kerb and channel and provide carriageway widening and underground drainage where required; or ii. Where the street is not established to an urban standard, prepare a design that demonstrates how the relevant features of the particular road as shown in the Planning scheme policy - Integrated Design can be achieved in the existing reserve. <p>Note - Refer to Planning scheme policy - Integrated design for road network and active transport network design standards.</p>	
Stormwater	
<p>PO29</p> <p>Stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p> <p>Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.</p>	<p>No acceptable outcome provided</p>
<p>PO30</p> <p>Stormwater generated from the development does not compromise the capacity of existing stormwater infrastructure downstream of the site.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p>	<p>No acceptable outcome provided</p>

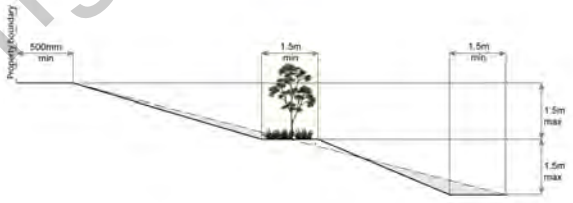
6 Zones

<p>PO31</p> <p>Stormwater quality management systems are designed and constructed to minimise the environmental impact of stormwater discharge on surface and underground receiving water quality and meet the design objectives in Tables A and B in Appendix 3 of the SPP.</p> <p>Note - A stormwater management plan prepared by a suitably qualified professional will be required in accordance with Planning scheme policy - Stormwater management.</p>	<p>No acceptable outcome provided</p>
<p>PO32</p> <p>Easements for drainage purposes are provided over:</p> <ol style="list-style-type: none"> stormwater pipes located in freehold land if the pipe diameter exceeds 300mm; overland flow paths where they cross more than one property boundary. <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	<p>No acceptable outcome provided</p>
<p>Site works and construction management</p>	
<p>PO33</p> <p>The site and any existing structures are maintained in a tidy and safe condition.</p>	<p>No acceptable outcome provided</p>
<p>PO34</p> <p>All works on-site are managed to:</p> <ol style="list-style-type: none"> minimise as far as practicable, impacts on adjoining or adjacent premises and the streetscape in regard to erosion and sedimentation, dust, noise, safety and light; minimise as far as possible, impacts on the natural environment; ensure stormwater discharge is managed in a manner that does not cause nuisance or annoyance to any person or premises; avoid adverse impacts on street trees and their critical root zone. 	<p>AO34.1</p> <p>Works incorporate temporary stormwater runoff, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design, including but not limited to the following:</p> <ol style="list-style-type: none"> stormwater is not discharged to adjacent properties in a manner that differs significantly from pre-existing conditions; stormwater discharged to adjoining and downstream properties does not cause scour and erosion; stormwater discharge rates do not exceed pre-existing conditions; the 10% AEP storm event is the minimum design storm for all temporary diversion drains; and the 50% AEP storm event is the minimum design storm for all silt barriers and sedimentation basins. <p>AO34.2</p>

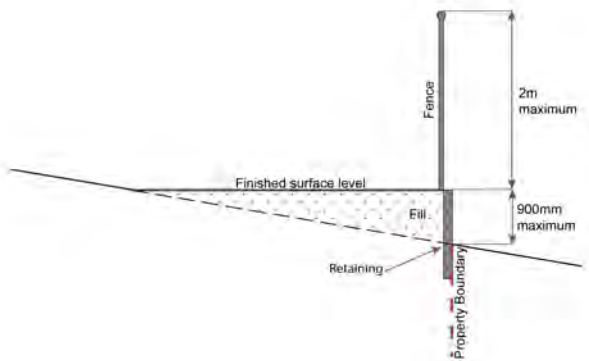
	<p>Stormwater runoff, erosion and sediment controls are constructed prior to commencement of any clearing or earthworks and are maintained and adjusted as necessary at all times to ensure their ongoing effectiveness.</p> <p>Note - The measures are adjusted on-site to maximise their effectiveness.</p>
	<p>AO34.3</p> <p>The completed earthworks area is stabilised using turf, established grass seeding, mulch or sprayed stabilisation techniques to control erosion and sediment and dust from leaving the property.</p>
<p>PO35</p> <p>Dust suppression measures are implemented during soil disturbances and construction works to protect nearby premises from unreasonable dust impacts.</p>	<p>No acceptable outcome provided</p>
<p>PO36</p> <p>All works on-site and the transportation of material to and from the site are managed to not negatively impact the existing road network, the amenity of the surrounding area or the streetscape.</p> <p>Note - Where the amount of imported or exported material is greater than 50m³, a haulage route must be identified and approved by Council.</p>	<p>AO36.1</p> <p>Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.</p> <p>AO36.2</p> <p>All contractor car parking is either provided on the development site, or on an alternative site in the general locality which has been set aside for car parking. Contractors vehicles are generally not to be parked in existing roads.</p> <p>Note - A Traffic Management Plan may be required for the site in accordance with the Manual of Uniform Traffic Control Devices (MUTCD).</p> <p>AO36.3</p> <p>Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.</p>
<p>PO37</p> <p>All disturbed areas are rehabilitated at the completion of construction.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p>	<p>AO37</p> <p>At completion of construction all disturbed areas of the site are to be:</p> <ol style="list-style-type: none"> a. topsoiled with a minimum compacted thickness of fifty (50) millimetres; b. grassed.

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	Note - These areas are to be maintained during any maintenance period to maximise grass coverage from grass seeding of these areas.
<p>PO38</p> <p>The clearing of vegetation on-site:</p> <ol style="list-style-type: none"> is limited to the area of infrastructure works, building areas and other necessary areas for the works; and includes the removal of declared weeds and other materials which are detrimental to the intended use of the land; is disposed of in a manner which minimises nuisance and annoyance to existing premises. <p>Note - No burning of cleared vegetation is permitted.</p>	<p>AO38</p> <p>All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works.</p> <p>Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.</p>
<p>PO39</p> <p>Any alteration or relocation in connection with or arising from the development to any service, installation, plant, equipment or other item belonging to or under the control of the telecommunications authority, electricity authorities, the Council or other person engaged in the provision of public utility services is to be carried with the development and at no cost to Council.</p>	No acceptable outcome provided
Earthworks	
<p>PO40</p> <p>On-site earthworks are designed to consider the visual and amenity impact as they relate to:</p> <ol style="list-style-type: none"> the natural topographical features of the site; short and long-term slope stability; soft or compressible foundation soils; reactive soils; low density or potentially collapsing soils; existing fill and soil contamination that may exist on-site; the stability and maintenance of steep rock slopes and batters; excavation (cut) and fill and impacts on the amenity of adjoining lots (e.g. residential). <p>Note - Filling or excavation works are to be completed within six months of the commencement date.</p>	<p>AO40.1</p> <p>All cut and fill batters are provided with appropriate scour, erosion protection and run-off control measures including catch drains at the top of batters and lined batter drains as necessary.</p>
	<p>AO40.2</p> <p>Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance of steep rock slopes and batters.</p>
	<p>AO40.3</p> <p>Inspection and certification of steep rock slopes and batters is required by a suitably qualified and experienced RPEQ.</p>
	<p>AO40.4</p> <p>All filling or excavation is contained on-site.</p>
	<p>AO40.5</p>

	<p>All fill placed on-site is:</p> <ol style="list-style-type: none"> limited to that required for the necessary approved use; clean and uncontaminated (i.e. no building waste, concrete, green waste or contaminated material etc. is used as fill). <p>AO40.6</p> <p>The site is prepared and the fill placed on-site in accordance with AS3798.</p> <p>Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures.</p> <p>AO40.7</p> <p>Materials used for structural fill are in accordance with AS3798.</p>
<p>PO41</p> <p>Embankments are stepped, terraced and landscaped to not adversely impact on the visual amenity of the surrounding area.</p>	<p>AO41</p> <p>Any embankments more than 1.5 metres in height are stepped, terraced and landscaped.</p> <p>Figure - Embankment</p> 
<p>PO42</p> <p>Filling or excavation is undertaken in a manner that:</p> <ol style="list-style-type: none"> does not adversely impact on a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land; does not preclude reasonable access to a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land for monitoring, maintenance or replacement purposes. <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>	<p>AO42.1</p> <p>No filling or excavation is undertaken in an easement issued in favour of Council or a public sector entity.</p> <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p> <p>AO42.2</p> <p>Filling or excavation that would result in any of the following is not carried out on-site:</p> <ol style="list-style-type: none"> a reduction in cover over any Council or public sector entity infrastructure service to less than 600mm; an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the earthworks being undertaken.

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	<p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>
<p>PO43</p> <p>Filling or excavation does not result in land instability.</p> <p>Note - Steep rock slopes and batters are inspected and certified for long-term stability by a suitably qualified and experienced geotechnical engineer with RPEQ qualifications. Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance.</p>	<p>No acceptable outcome provided</p>
<p>PO44</p> <p>Development does not result in</p> <ol style="list-style-type: none"> adverse impacts on the hydrological and hydraulic capacity of the waterway or floodway; increased flood inundation outside the site; any reduction in the flood storage capacity in the floodway; and any clearing of native vegetation. <p>Note - To demonstrate compliance with this outcome, Planning Scheme Policy - Stormwater Management provides guidance on the preparation of a site based stormwater management plan by a suitably qualified professional. Refer to Planning scheme policy - Integrated design for guidance on infrastructure design and modelling requirements.</p>	<p>No acceptable outcome provided.</p>
<p>Retaining walls and structures</p>	
<p>PO45</p> <p>All earth retaining structures provide a positive interface with the streetscape and minimise impacts on the amenity of adjoining residents.</p>	<p>AO45</p> <p>Earth retaining structures:</p> <ol style="list-style-type: none"> are not constructed of boulder rocks or timber; where height is no greater than 900mm, are provided in accordance with Figure - Retaining on a boundary; <p style="text-align: center;">Figure - Retaining on boundary</p>  <ol style="list-style-type: none"> where height is greater than 900mm but no greater than 1.5m, are to be setback at least the equivalent

- height of the retaining structure from any property boundary;
- d. where height is greater than 1.5m, are to be setback and stepped 1.5m vertical: 1.5m horizontal, terraced, landscaped and drained as shown below.

Figure - Cut

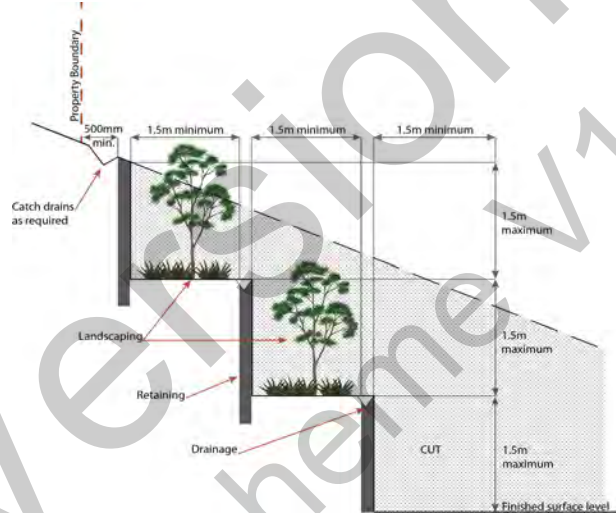
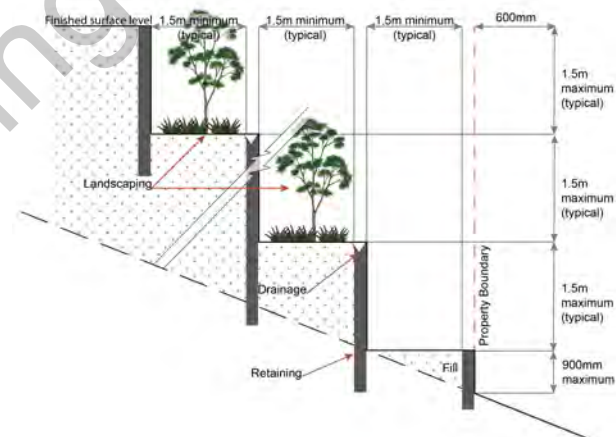


Figure - Fill



Fire Services

Note - The provisions under this heading only apply if:

- a. the development is for, or incorporates:
- i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or
 - ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or
 - iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or
 - iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials.

AND

- b. none of the following exceptions apply:

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- i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or
- ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site.

Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.

PO46

Development incorporates a fire fighting system that:

- a. satisfies the reasonable needs of the fire fighting entity for the area;
- b. is appropriate for the size, shape and topography of the development and its surrounds;
- c. is compatible with the operational equipment available to the fire fighting entity for the area;
- d. considers the fire hazard inherent in the materials comprising the development and their proximity to one another;
- e. considers the fire hazard inherent in the surrounds to the development site;
- f. is maintained in effective operating order.

Note - The Queensland Fire and Emergency Services is the entity currently providing the fire fighting function for the urban areas of the Moreton Bay Region.

AO46.1

External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of *Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations*.

Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005) that may be applicable:

- a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative;
- b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005);
- c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that:
 - i. for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings;
 - ii. for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans;
 - iii. for outdoor sales⁽⁵⁴⁾, processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities;
- d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and, where applicable, Part 3.6.

AO46.2

A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:

- a. an unobstructed width of no less than 3.5m;
- b. an unobstructed height of no less than 4.8m;
- c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance;
- d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.

AO46.3

	<p>On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in <i>Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment</i>.</p>
<p>PO47</p> <p>On-site fire hydrants that are external to buildings, as well as the available fire fighting appliance access routes to those hydrants, can be readily identified at all times from, or at, the vehicular entry point to the development site.</p>	<p>AO47</p> <p>For development that contains on-site fire hydrants external to buildings:</p> <ol style="list-style-type: none"> a. those external hydrants can be seen from the vehicular entry point to the site; or b. a sign identifying the following is provided at the vehicular entry point to the site: <ol style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager's office (where provided); v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points. <p>Note - The sign prescribed above, and the graphics used are to be:</p> <ol style="list-style-type: none"> a. in a form; b. of a size; c. illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>
<p>PO48</p> <p>Each on-site fire hydrant that is external to a building is signposted in a way that enables it to be readily identified at all times by the occupants of any firefighting appliance traversing the development site.</p>	<p>AO48</p> <p>For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavement markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads.</p> <p>Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.</p>

6 Zones

Use specific criteria	
Major electricity infrastructure⁽⁴³⁾, Substation⁽⁸⁰⁾ and Utility installation⁽⁸⁶⁾	
<p>PO49</p> <p>The development does not have an adverse impact on the visual amenity of a locality and is:</p> <ul style="list-style-type: none"> a. high quality design and construction; b. visually integrated with the surrounding area; c. not visually dominant or intrusive; d. located behind the main building line; e. below the level of the predominant tree canopy or the level of the surrounding buildings and structures; f. camouflaged through the use of colours and materials which blend into the landscape; g. treated to eliminate glare and reflectivity; h. landscaped; i. otherwise consistent with the amenity and character of the zone and surrounding area. 	<p>AO49.1</p> <p>Development is designed to minimise surrounding land use conflicts by ensuring infrastructure, buildings, structures and other equipment:</p> <ul style="list-style-type: none"> a. are enclosed within buildings or structures; b. are located behind the main building line; c. have a similar height, bulk and scale to the surrounding fabric; d. have horizontal and vertical articulation applied to all exterior walls.
	<p>AO49.2</p> <p>A minimum 3m wide strip of dense planting is provided around the outside of the fenced area, between the development and street frontage, side and rear boundaries.</p>
<p>PO50</p> <p>Infrastructure does not have an impact on pedestrian health and safety.</p>	<p>AO50</p> <p>Access control arrangements:</p> <ul style="list-style-type: none"> a. do not create dead-ends or dark alleyways adjacent to the infrastructure; b. minimise the number and width of crossovers and entry points; c. provide safe vehicular access to the site; d. do not utilise barbed wire or razor wire.
<p>PO51</p> <p>All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility:</p> <ul style="list-style-type: none"> a. generates no audible sound at the site boundaries where in a residential setting; or b. meet the objectives as set out in the Environmental Protection (Noise) Policy 2008. 	<p>AO51</p> <p>All equipment which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure noise emissions meet the objectives as set out in the Environmental Protection (Noise) Policy 2008.</p>
<p>Telecommunications facility⁽⁸¹⁾</p> <p>Editor's note - In accordance with the Federal legislation Telecommunications facilities⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3Khz to 300Ghz.</p>	
<p>PO52</p>	<p>AO52.1</p> <p>New telecommunication facilities⁽⁸¹⁾ are co-located on existing towers with new equipment shelter and associated structures positioned adjacent to the existing shelters and structures.</p>

<p>Telecommunications facilities⁽⁸¹⁾ are co-located with existing telecommunications facilities⁽⁸¹⁾, Utility installation⁽⁸⁶⁾, Major electricity infrastructure⁽⁴³⁾ or Substation⁽⁸⁰⁾ if there is already a facility in the same coverage area.</p>	<p>AO52.2</p> <p>If not co-located with an existing facility, all co-location opportunities have been investigated and fully exhausted within a 2km radius of the site.</p>
<p>PO53</p> <p>A new Telecommunications facility⁽⁸¹⁾ is designed and constructed to ensure co-masting or co-siting with other carriers both on the tower or pole and at ground level is possible in the future.</p>	<p>AO53</p> <p>A minimum of 45m² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.</p>
<p>PO54</p> <p>Telecommunications facilities⁽⁸¹⁾ do not conflict with lawful existing land uses both on and adjoining the site.</p>	<p>AO54</p> <p>The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.</p>
<p>PO55</p> <p>The Telecommunications facility⁽⁸¹⁾ does not have an adverse impact on the visual amenity of a locality and is:</p> <ol style="list-style-type: none"> high quality design and construction; visually integrated with the surrounding area; not visually dominant or intrusive; located behind the main building line; below the level of the predominant tree canopy or the level of the surrounding buildings and structures; camouflaged through the use of colours and materials which blend into the landscape; treated to eliminate glare and reflectivity; landscaped; otherwise consistent with the amenity and character of the zone and surrounding area. 	<p>AO55.1</p> <p>Where in an urban area, the development does not protrude more than 5m above the level of the existing treeline, prominent ridgeline or building rooftops in the surrounding townscape.</p>
	<p>AO55.2</p> <p>In all other areas towers do not exceed 35m in height.</p>
	<p>AO55.3</p> <p>Towers, equipment shelters and associated structures are of a design, colour and material to:</p> <ol style="list-style-type: none"> reduce recognition in the landscape; reduce glare and reflectivity.
	<p>AO55.4</p> <p>All structures and buildings are setback behind the main building line and a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.</p> <p>Where there is no established building line the facility is located at the rear of the site.</p>
	<p>AO55.5</p> <p>The facility is enclosed by security fencing or by other means to ensure public access is prohibited.</p>
	<p>AO55.6</p>

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	<p>A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the facility and street frontage and adjoining uses.</p> <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p> <p>Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person, to ensure compliance with Planning scheme policy - Integrated design.</p>
<p>PO56</p> <p>Lawful access is maintained to the site at all times that does not alter the amenity of the landscape or surrounding uses.</p>	<p>AO56</p> <p>An Access and Landscape Plan demonstrates how 24 hour vehicular access will be obtained and maintained to the facility in a manner that is appropriate to the site's context.</p>
<p>PO57</p> <p>All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility generates no audible sound at the site boundaries where in a residential setting.</p>	<p>AO57</p> <p>All equipment comprising the Telecommunications facility⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.</p>
<p>Transport depot⁽⁸⁵⁾</p>	
<p>PO58</p> <p>Development is located on a site of sufficient size to ensure:</p> <ol style="list-style-type: none"> the scale and intensity of the development does not result in adverse visual or nuisance impacts on the residents in adjoining or nearby dwellings; vehicular and pedestrian traffic generation consistent with that reasonably expected in the surrounding locality. 	<p>AO58.1</p> <p>Development, including all vehicle parking, drive way areas and storage areas, is set back 30m from all property boundaries.</p>
	<p>AO58.2</p> <p>The maximum number of heavy vehicles, trailers and motor vehicles stored on-site is as follows:</p> <ol style="list-style-type: none"> 4 heavy vehicles 4 trailers 6 motor vehicles.
<p>PO59</p> <p>Development is suitably screened to ensure adverse visual impacts on the residents in adjoining or nearby dwellings are minimised.</p>	<p>AO59</p> <p>Vehicle parking areas, vehicle standing areas and outdoor storage areas of plant and equipment are screened from adjoining sites by either planting, wall(s), fence(s) or a combination to at least 1.8m in height along the length of those areas.</p> <p>Planting for screening is to have a minimum depth of 3m.</p>
<p>Values and constraints criteria</p>	

Note - The relevant values and constraints criteria do not apply where the development, the subject of the application, is associated and consistent with, and subsequent to a current Development permit for Reconfiguring a lot or Material change of use, where that approval, under this or a superseded planning scheme, has considered and addressed (e.g. through a development footprint plan or similar, or conditions of approval) the identified value or constraint under this planning scheme.

Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)

Note - Planning scheme policy - Acid sulfate soils provides guidance for self-assessable development that has the potential to disturb acid sulfate soils i.e. development involving filling or excavation works below the thresholds of 100m³ and 500m³ respectively.

PO60

Development avoids disturbing acid sulfate soils. Where development disturbs acid sulfate soils, development:

- a. is managed to avoid or minimise the release of surface or groundwater flows containing acid and metal contaminants into the environment;
- b. protects the environmental and ecological values and health of receiving waters;
- c. protects buildings and infrastructure from the effects of acid sulfate soils.

AO60

Development does not involve:

- a. excavation or otherwise removing of more than 100m³ of soil or sediment where below than 5m Australian Height datum AHD; or
- b. filling of land of more than 500m³ of material with an average depth of 0.5m or greater where below the 5m Australian Height datum AHD.

Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)

Note - To demonstrate achievement of the performance outcomes, a bushfire management plan is prepared by a suitably qualified person. Guidance for the preparation of a bushfire management plan is provided in Planning scheme policy – Bushfire hazard areas.

Note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.

PO61

Development:

- a. minimises the number of buildings and people working and living on a site exposed to bushfire risk;
- b. ensures the protection of life during the passage of a fire front;
- c. is located and designed to increase the chance of survival of buildings and structures during a bushfire;
- d. minimises bushfire risk from build up of fuels around buildings and structures;
- e. ensure safe and effective access for emergency services during a bushfire.

AO61.1

Buildings and structures are:

- a. not located on a ridgeline;
- b. not located on land with a slope greater than 15% (see Overlay map - Landslide hazard (for land having a slope greater than 15%));
- c. dwellings are located on east to south facing slopes.

AO61.2

Buildings and structures have contained within the site:

- a. a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater;
- b. a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater;

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	<ul style="list-style-type: none"> c. a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures; d. an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and e. an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%: <ul style="list-style-type: none"> i. to, and around, each building and other roofed structure; and ii. to each fire fighting water supply extraction point. <p>Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959</p>
<p>PO62</p> <p>Development and associated driveways and access ways:</p> <ul style="list-style-type: none"> a. avoid potential for entrapment during a bushfire; b. ensure safe and effective access for emergency services during a bushfire; c. enable safe evacuation for occupants of a site during a bushfire. 	<p>AO62</p> <p>A length of driveway:</p> <ul style="list-style-type: none"> a. to a road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; b. has a maximum gradient no greater than 12.5%; c. have a minimum width of 3.5m; d. accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
<p>PO63</p> <p>Development provides an adequate water supply for fire-fighting purposes.</p>	<p>AO63</p> <ul style="list-style-type: none"> a. a reticulated water supply is provided by a distributor retailer for the area or; b. where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is located within 10m of buildings and structures. c. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access is provided to within 3m of that water storage source. d. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ul style="list-style-type: none"> i. a hardstand area allowing medium rigid vehicles (15 tonne fire appliance) access within 6m of the tank; ii. fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 200mm (minimum) to accommodate suction lines.

PO64**Development:**

- a. does not present unacceptable risk to people or environment due to the impact of bushfire on dangerous goods or combustible liquids;
- b. does not present danger or difficulty to emergency services for emergency response or evacuation.

Editor's note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.

AO64

Development does not involve the manufacture or storage of hazardous chemicals.

Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)

Note – The following are exempt from the native vegetation clearing provisions of this planning scheme:

- a. Clearing of native vegetation located within an approved development footprint;
- b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency;
- c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure;
- d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence;
- e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes;
- f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council;
- g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;
- h. Grazing of native pasture by stock;
- i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development

Note - Definition for native vegetation is located in Schedule 1 Definitions.

Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.

Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.

Note - To demonstrate achievement of the performance outcome, an ecological assessment, vegetation management plan and fauna management plan, as required, are prepared by a suitably qualified person. Guidance for the preparation of above mentioned reports is provided in Planning scheme policy - Environmental areas.

Vegetation clearing, ecological value and connectivity

6 Zones

<p>PO65</p> <p>Development avoids locating in a High Value Area or a Value Offset Area. Where it is not practicable or reasonable for development to avoid establishing in these areas, development must ensure that:</p> <ol style="list-style-type: none"> the quality and integrity of the biodiversity and ecological values inherent to a High Value Area and a Value Offset Area is maintained and not lost or degraded; on-site mitigation measures, mechanisms or processes are in place demonstrating the quality and integrity of the biodiversity and ecological values inherent to a High Value Area and a Value Offset Area area maintained. For example, this can be achieved through replacement, restoration or rehabilitation planting as part of any proposed covenant, the development of a Vegetation Management Plan, a Fauna Management Plan, and any other on-site mitigation options identified in the Planning scheme policy - Environmental areas*. <p>* Editor's note - This is not a requirement for an environmental offset under the Environmental Offsets Act 2014.</p>	<p>No acceptable outcome provided.</p>
<p>PO66</p> <p>Development provides for safe, unimpeded, convenient and ongoing wildlife movement and establishes and maintains habitat connectivity by:</p> <ol style="list-style-type: none"> retaining habitat trees; providing contiguous patches of habitat; provide replacement and rehabilitation planting to improve connectivity; avoiding the creation of fragmented and isolated patches of habitat; providing wildlife movement infrastructure. <p>Editor's note - Wildlife movement infrastructure may include refuge poles, tree boulevarding, 'stepping stone' vegetation plantings, tunnels, appropriate wildlife fencing; culverts with ledges, underpasses, overpasses, land bridges and rope bridges. Further information is provided in Planning scheme policy – Environmental areas.</p>	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and habitat protection</p>	
<p>PO67</p> <p>Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected.</p>	<p>No acceptable outcome provided.</p>
<p>PO68</p>	<p>No acceptable outcome provided.</p>

<p>Development does not result in the net loss or degradation of habitat value in a High Value Area or a Value Offset Area. Where development does result in the loss or degradation of habitat value, development will:</p> <ol style="list-style-type: none"> rehabilitate, revegetate, restore and enhance an area to ensure it continues to function as a viable and healthy habitat area; provide replacement fauna nesting boxes in the event of habitat tree loss in accordance with Planning scheme policy - Environmental areas; undertake rehabilitation, revegetation and restoration in accordance with the South East Queensland Ecological Restoration Framework. 	
<p>PO69</p> <p>Development ensures safe, unimpeded, convenient and ongoing wildlife movement and habitat connectivity by:</p> <ol style="list-style-type: none"> providing contiguous patches of habitat; avoiding the creation of fragmented and isolated patches of habitat; providing wildlife movement infrastructure; providing replacement and rehabilitation planting to improve connectivity. 	No acceptable outcome provided.
Vegetation clearing and soil resource stability	
<p>PO70</p> <p>Development does not:</p> <ol style="list-style-type: none"> result in soil erosion or land degradation; leave cleared land exposed for an unreasonable periods of time but is rehabilitated in a timely manner. 	No acceptable outcome provided.
Vegetation clearing and water quality	
<p>PO71</p> <p>Development maintains or improves the quality of groundwater and surface water within, and downstream, of a site by:</p> <ol style="list-style-type: none"> ensuring an effective vegetated buffers and setbacks from waterbodies is retained to achieve natural filtration and reduce sediment loads; avoiding or minimising changes to landforms to maintain hydrological water flows; adopting suitable measures to exclude livestock from entering a waterbody where a site is being used for animal husbandry⁽⁴⁾ and animal keeping⁽⁵⁾ activities. 	No acceptable outcome provided.
PO72	No acceptable outcome provided.

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<p>Development minimises adverse impacts of stormwater run-off on water quality by:</p> <ol style="list-style-type: none"> minimising flow velocity to reduce erosion; minimising hard surface areas; maximising the use of permeable surfaces; incorporating sediment retention devices; minimising channelled flow. 	
<p>Vegetation clearing and access, edge effects and urban heat island effects</p>	
<p>PO73</p> <p>Development retains safe and convenient public access in a manner that does not result in the adverse edge effects or the loss or degradation of biodiversity values within the environment.</p>	<p>No acceptable outcomes provided.</p>
<p>PO74</p> <p>Development minimises potential adverse 'edge effects' on ecological values by:</p> <ol style="list-style-type: none"> providing dense planting buffers of native vegetation between a development and environmental areas; retaining patches of native vegetation of greatest possible size where located between a development and environmental areas ; restoring, rehabilitating and increasing the size of existing patches of native vegetation; ensuring that buildings and access (public and vehicle) are setback as far as possible from environmental areas and corridors; landscaping with native plants of local origin. <p>Editor's note - Edge effects are factors of development that go to detrimentally affecting the composition and density of natural populations at the fringe of natural areas. Factors include weed invasion, pets, public and vehicle access, nutrient loads, noise and light pollution, increased fire frequency and changes in the groundwater and surface water flow.</p>	<p>No acceptable outcome provided.</p>
<p>PO75</p> <p>Development avoids adverse microclimate change and does not result in increased urban heat island effects. Adverse urban heat island effects are minimised by:</p> <ol style="list-style-type: none"> pervious surfaces; providing deeply planted vegetation buffers and green linkage opportunities; landscaping with local native plant species to achieve well-shaded urban places; increasing the service extent of the urban forest canopy. 	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and Matters of Local Environmental Significance (MLES) environmental offsets</p>	

<p>PO76</p> <p>Where development results in the unavoidable loss of native vegetation within a Value Offset Area MLES waterway buffer or a Value Offset Area MLES wetland buffer, an environmental offset is required in accordance with the environmental offset requirements identified in Planning scheme policy - Environmental areas.</p> <p>Editor's note - For MSES Koala Offsets, State Planning Regulatory Provision environmental offset provisions apply.</p>	<p>No acceptable outcome provided.</p>
<p>Extractive resources separation area (refer Overlay map - Extractive resources (separation area) to determine if the following assessment criteria apply)</p> <p>Note - To demonstrate achievement of the performance outcomes, a noise impact assessment report is prepared by a suitably qualified person. Guidance to preparing noise impact assessment report is provided in Planning scheme policy – Noise.</p>	
<p>PO77</p> <p>Development does not increase the number of people living in the Extractive Resources separation area.</p>	<p>AO77</p> <p>One dwelling house⁽²²⁾ permitted per lot within separation area.</p>
<p>PO78</p> <p>Development:</p> <ol style="list-style-type: none"> does not introduce or increase uses that are sensitive to the impacts of an Extractive industry⁽²⁷⁾; is compatible with the operation of an Extractive industry⁽²⁷⁾; does not comprise or undermine the function and integrity of the separation area in providing a buffer between key extractive and processing activities and sensitive, incompatible uses outside the separation area. 	<p>AO78</p> <p>Development within the separation area does not include the following activities:</p> <ol style="list-style-type: none"> Caretaker's accommodation⁽¹⁰⁾; Community residence⁽¹⁶⁾; Dual occupancy⁽²¹⁾; Dwelling unit⁽²³⁾; Hospital⁽³⁶⁾; Rooming accommodation⁽⁶⁹⁾; Multiple dwelling⁽⁴⁹⁾; Non-resident workforce accommodation⁽⁵²⁾; Relocatable home park⁽⁶²⁾; Residential care facility⁽⁶⁵⁾; Resort complex⁽⁶⁶⁾; Retirement facility⁽⁶⁷⁾; Rural workers' accommodation⁽⁷¹⁾; Short-term accommodation⁽⁷⁷⁾; Tourist park⁽⁸⁴⁾.
<p>PO79</p> <p>Habitable rooms achieve the noise levels listed in Schedule 1 Acoustic Quality Objectives, Environmental Protection (Noise) Policy 2008 and provides a safe, healthy and disturbance free living environment.</p>	<p>AO79</p> <p>All habitable rooms within the separation area are:</p> <ol style="list-style-type: none"> acoustically insulated to achieve the noise levels listed in Schedule 1 Acoustic Quality Objectives, Environmental Protection (Noise) Policy 2008; provided with mechanical ventilation.
<p>PO80</p>	<p>AO80</p> <p>Private open space areas are separated from the resource processing area by buildings or a 1.8m high solid structure.</p>

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<p>Development provides open space areas for passive recreation in a manner where impacts from key extractive/processing activities, particularly noise, is minimised.</p>	
<p>Extractive resources transport route (refer Overlay map - Extractive resources (transport route and buffer) to determine if the following assessment criteria apply)</p>	
<p>PO81</p> <p>Development:</p> <ul style="list-style-type: none"> a. does not increase in the number of people living in close proximity to a transport route and being subject to the adverse effects from the transportation route; b. does not result in the establishment of uses that are incompatible with the operation of Extractive resources transport routes; c. adopts design and location measures to satisfactorily mitigate the potential adverse impacts associated with transportation routes on sensitive land uses. Such measures include, but are not limited to: <ul style="list-style-type: none"> i. locating the furthest distance possible from the transportation route; ii. habitable rooms being located the furthest from the transportation route; iii. shielding and screening private outdoor recreation space from the transportation routes. 	<p>AO81</p> <p>The following uses are not located within the 100m wide transport route buffer:</p> <ul style="list-style-type: none"> a. Caretaker's accommodation⁽¹⁰⁾, except where located in the Extractive industry zone; b. Community residence⁽¹⁶⁾; c. Dual occupancy⁽²¹⁾; d. Dwelling house⁽²²⁾; e. Dwelling unit⁽²³⁾; f. Hospital⁽³⁶⁾; g. Rooming accommodation⁽⁶⁹⁾; h. Multiple dwelling⁽⁴⁹⁾; i. Non-resident workforce accommodation⁽⁵²⁾; j. Relocatable home park⁽⁶²⁾; k. Residential care facility⁽⁶⁵⁾; l. Resort complex⁽⁶⁶⁾; m. Retirement facility⁽⁶⁷⁾; n. Rural workers' accommodation⁽⁷¹⁾; o. Short-term accommodation⁽⁷⁷⁾; p. Tourist park⁽⁸⁴⁾.
<p>PO82</p> <p>Development:</p> <ul style="list-style-type: none"> a. does not adversely impact upon the efficient and effective transportation of extractive material along a transportation route; b. ensures vehicle access and egress along transportation routes are designed and located to achieve a high degree of safety, having good visibility; c. utilises existing vehicle access points and where existing vehicle access points are sub-standard or poorly formed, they are upgraded to an appropriate standard. 	<p>AO82.1</p> <p>Development does not create a new vehicle access point onto an Extractive resources transport route.</p> <hr/> <p>AO82.2</p> <p>A vehicle access point is located, designed and constructed in accordance with Planning scheme policy - Integrated design.</p>
<p>Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)</p> <p>Note - To assist in demonstrating achievement of heritage performance outcomes, a Cultural heritage impact assessment report is prepared by a suitably qualified person verifying the proposed development is in accordance with The Australia ICOMOS Burra Charter.</p> <p>Note - To assist in demonstrating achievement of this performance outcome, a Tree assessment report is prepared by a qualified arborist in accordance with Planning scheme policy – Heritage and landscape character. The Tree assessment report will also detail the measures adopted in accordance with AS 4970-2009 Protection of trees on development sites.</p>	

Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.

<p>PO83</p> <p>Development will:</p> <ol style="list-style-type: none"> not diminish or cause irreversible damage to the cultural heritage values present on the site, and associated with a heritage site, object or building; protect the fabric and setting of the heritage site, object or building; be consistent with the form, scale and style of the heritage site, object or building; utilise similar materials to those existing, or where this is not reasonable or practicable, neutral materials and finishes; incorporate complementary elements, detailing and ornamentation to those present on the heritage site, object or building; retain public access where this is currently provided. 	<p>AO83</p> <p>Development is for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value.</p> <p>Note - A cultural heritage conservation management plan for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value is prepared in accordance with Planning scheme policy - Heritage and landscape character. The plan is sent to, and approved by Council prior to the commencement of any preservation, maintenance, repair and restoration works.</p>
<p>PO84</p> <p>Demolition and removal is only considered where:</p> <ol style="list-style-type: none"> a report prepared by a suitably qualified conservation architect or conservation engineer demonstrates that the building is structurally unsound and is not reasonably capable of economic repair; or demolition is confined to the removal of outbuildings, extensions and alterations that are not part of the original structure; or limited demolition is performed in the course of repairs, maintenance or restoration; or demolition is performed following a catastrophic event which substantially destroys the building or object. 	<p>No acceptable outcome provided.</p>
<p>PO85</p> <p>Where development is occurring on land adjoining a site of cultural heritage value, the development is to be sympathetic to and consistent with the cultural heritage values present on the site and not result in their values being eroded, degraded or unreasonably obscured from public view.</p>	<p>No acceptable outcome provided.</p>
<p>PO86</p>	<p>AO86</p> <p>Development does:</p>

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<p>Development does not adversely impact upon the health and vitality of significant trees. Where development occurs in proximity to a significant tree, construction measures and techniques as detailed in AS 4970-2009 Protection of trees on development sites are adopted to ensure a significant tree's health, wellbeing and vitality.</p> <p>Significant trees are only removed where they are in a poor state of health or where they pose a health and safety risk to persons or property. A Tree Assessment report prepared by a suitably qualified arborist confirming a tree's state of health is required to demonstrate achievement of this performance outcome.</p>	<ul style="list-style-type: none"> a. not result in the removal of a significant tree; b. not occur within 20m of a protected tree; c. involve pruning of a tree in accordance with Australian Standard AS 4373-2007 – Pruning of Amenity Trees.
<p>Landslide (refer Overlay map - Landslide hazard to determine if the following assessment criteria apply)</p> <p>Note - To demonstrate achievement of the performance outcomes, a site-specific geotechnical assessment report is prepared by a qualified engineer. Guidance for the preparation of a geotechnical assessment report is provided in Planning scheme policy – Landslide hazard.</p>	
<p>PO87</p> <p>Development:</p> <ul style="list-style-type: none"> a. maintains the safety of people and property on a site and neighbouring sites from landslides; b. ensures the long-term stability of the site considering the full nature and end use of the development; c. ensures site stability during all phases of construction and development; d. minimises disturbance of natural drainage patterns of the site and does not result in the redirection or alteration of the existing flow of surface or groundwater e. minimises adverse visual impacts on the amenity of adjoining residents and provides a positive interface with the streetscape. 	<p>AO87</p> <p>Development does not:</p> <ul style="list-style-type: none"> a. involve earthworks exceeding 50m³; b. involve cut and fill having a height greater than 600mm; c. involve any retaining wall having a height greater than 600mm; d. redirect or alter the existing flow of surface or groundwater.
<p>PO88</p> <p>Buildings are designed to respond to sloping topography in the siting, design and form of buildings and structures by:</p> <ul style="list-style-type: none"> a. minimising overuse of cut and fill to create single flat pads and benching; b. avoiding expanses of retaining walls, loss of trees and vegetation and interference with natural drainage systems; c. minimising any adverse visual impact on the landscape character ; d. Protect the amenity of adjoining properties. 	<p>AO88</p> <p>Buildings, excluding domestic outbuildings:</p> <ul style="list-style-type: none"> a. are split-level, multiple-slab, pier or pole construction; b. are not single plane slab on ground.
<p>PO89</p>	<p>AO89</p> <p>Development does not involve the manufacture, handling or storage of hazardous chemicals.</p>

<p>Development protects the safety of people, property and the environment from the impacts of landslide on hazardous chemicals manufactured, handled or stored by incorporating design measures to ensure:</p> <ol style="list-style-type: none"> the long-term stability of the development site considering the full nature and end use of the development; site stability during all phases of construction and development; the development is not adversely affected by landslide activity originating on sloping land above the site; emergency access and access from the site for the public and emergency vehicles is available and is not at risk from landslide. 	
Infrastructure buffers (refer Overlay map - Infrastructure buffers to determine if the following assessment criteria apply)	
<p>PO90</p> <p>Odour sensitive development is separated from Wastewater treatment plants so they are not adversely affected by odour emission or other air pollutant impacts.</p>	<p>AO90</p> <p>The following uses are not located within a wastewater treatment plant buffer:</p> <ol style="list-style-type: none"> Caretaker's accommodation⁽¹⁰⁾; Community residence⁽¹⁶⁾; Dual occupancy⁽²¹⁾; Dwelling house⁽²²⁾ Dwelling unit⁽²³⁾; Hospital⁽³⁶⁾; Rooming accommodation⁽⁶⁹⁾; Multiple dwelling⁽⁴⁹⁾; Non-resident workforce accommodation⁽⁵²⁾; Relocatable home park⁽⁶²⁾; Residential care facility⁽⁶⁵⁾; Resort complex⁽⁶⁶⁾; Retirement facility⁽⁶⁷⁾; Rural workers' accommodation⁽⁷¹⁾; Short-term accommodation⁽⁷⁷⁾; Tourist park⁽⁸⁴⁾.
<p>PO91</p> <p>Development within a Water supply buffer captures solid or liquid waste from all land use, development and activities is designed, constructed and managed to prevent the release of contaminants to surface water or groundwater bodies.</p>	<p>AO91.1</p> <p>Run-off and sediment from roadways and impervious surfaces within a Water supply buffer are intercepted and treated on-site to remove oil, grease, chemicals, silt, trace metals and nutrients such as nitrogen and phosphorous.</p> <hr/> <p>AO91.2</p> <p>Incineration or burial of waste within a Water supply buffer is not undertaken onsite.</p> <hr/> <p>AO91.3</p>

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	<p>Solid waste within a Water supply buffer is collected and stored in weather proof, sealed waste receptacles, located in roofed and bunded areas, for disposal by a licenced contractor.</p>
	<p>AO91.4</p> <p>Holding tanks within a Water supply buffer are used for all liquid waste and provide for the separation of oils/solvents and solids prior to pump-out and collection by a licenced contractor.</p>
	<p>AO91.5</p> <p>Management, handling and storage of hazardous chemicals (including fuelling of vehicles) within a Water supply buffer, is undertaken in secured, climate controlled, weather proof, level and bunded enclosures.</p>
<p>P092</p> <p>On-site sewerage systems within a Water supply buffer are designed and operated to ensure there is no worsening or adverse impacts to health risks, environmental risks and water quality.</p> <p>Editor's Note - For guidance refer to the Seq water Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.</p>	<p>AO92</p> <p>Secondary treated wastewater treatment systems within a Water supply buffer include:</p> <ol style="list-style-type: none"> emergency storage capable of holding 3-6 hours peak flow of treated effluent in the event of emergencies or overload with provision for de-sludging; back up pump installation and backup power; MEDLI modelling to determine irrigation rates and sizing of irrigation areas; vegetated land application areas are not located in overland flow paths or on areas that perform groundwater recharge or discharge functions; and wastewater collection and storage systems have a capacity to accommodate full load at peak times and includes temporary facilities.
<p>P093</p> <p>Development within a Bulk water supply infrastructure buffer is located, designed and constructed to:</p> <ol style="list-style-type: none"> protect the integrity of the water supply pipeline; maintain adequate access for any required maintenance or upgrading work to the water supply pipeline; 	<p>AO93</p> <p>Development:</p> <ol style="list-style-type: none"> does not involve the construction of any buildings or structures within a Bulk water supply infrastructure buffer; involving a major hazard facility or environmentally relevant activity (ERA) is setback 30m from a Bulk water supply infrastructure buffer.
<p>P094</p> <p>Development is located and designed to maintain required access to Bulk water supply infrastructure.</p>	<p>AO94</p> <p>Development does not restrict access to Bulk water supply infrastructure of any type or size, having regard to (among other things):</p>

	<ul style="list-style-type: none"> a. buildings or structures; b. gates and fences; c. storage of equipment or materials; d. landscaping or earthworks or stormwater or other infrastructure.
<p>PO95</p> <p>Odour sensitive development is separated from landfill sites so they are not adversely affected by odour emission or other air pollutant impacts.</p>	<p>AO95</p> <p>The following uses are not located within a Landfill buffer:</p> <ul style="list-style-type: none"> a. Caretaker's accommodation⁽¹⁰⁾; b. Community residence⁽¹⁶⁾; c. Dual occupancy⁽²¹⁾; d. Dwelling house⁽²²⁾; e. Dwelling unit⁽²³⁾; f. Hospital⁽³⁶⁾; g. Rooming accommodation⁽⁶⁹⁾; h. Multiple dwelling⁽⁴⁹⁾; i. Non-resident workforce accommodation⁽⁵²⁾; j. Relocatable home park⁽⁶²⁾; k. Residential care facility⁽⁶⁵⁾; l. Resort complex⁽⁶⁶⁾; m. Retirement facility⁽⁶⁷⁾; n. Rural workers' accommodation⁽⁷¹⁾; o. Short-term accommodation⁽⁷⁷⁾; p. Tourist park⁽⁸⁴⁾.
<p>PO96</p> <p>Habitable rooms within an Electricity supply substation buffer are located a sufficient distance from substations⁽⁸⁰⁾ to avoid any potential adverse impacts on personal health and wellbeing from electromagnetic fields.</p> <p>Note - Habitable room is defined in the Building Code of Australia (Volume 1)</p>	<p>AO96</p> <p>Habitable rooms:</p> <ul style="list-style-type: none"> a. are not located within an Electricity supply substation buffer; and b. proposed on a site subject to an Electricity supply substation⁽⁸⁰⁾ are acoustically insulated to achieve the noise levels listed in Schedule 1, Acoustic Quality Objectives, Environmental Protection (Noise) Policy 2008. <p>Note - Habitable room is defined in the Building Code of Australia (Volume 1)</p>
<p>PO97</p> <p>Habitable rooms within an Electricity supply substation buffer are acoustically insulated from the noise of a substation⁽⁸⁰⁾ to achieve the noise levels listed in Schedule 1 Acoustic Quality Objectives, Environmental Protection (Noise) Policy 2008 and provides a safe, healthy and disturbance free living environment.</p> <p>Note - To demonstrate achievement of the performance outcome, a noise impact assessment report is prepared by a suitably qualified person. Guidance to preparing an noise impact assessment report is provided in Planning scheme policy – Noise.</p> <p>Note - Habitable room is defined in the Building Code of Australia (Volume 1)</p>	<p>No acceptable outcome provided.</p>

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<p>PO98</p> <p>Development within a High voltage electricity line buffer provides adequate buffers to high voltage electricity lines to protect amenity and health by ensuring development:</p> <ol style="list-style-type: none"> is located and designed to avoid any potential adverse impacts on personal health and wellbeing from electromagnetic fields in accordance with the principle of prudent avoidance; is located and designed in a manner that maintains a high level of security of supply; is located and design so not to impede upon the functioning and maintenance of high voltage electrical infrastructure. 	<p>AO98</p> <p>Development does not involve the construction of any buildings or structures within a High voltage electricity line buffer.</p>
<p>PO99</p> <p>Development within a Pumping station buffer is located, designed and constructed to:</p> <ol style="list-style-type: none"> ensure that odour or other air pollutant impacts on the amenity of the development met the air quality objectives in the Environmental Protection (Air) Policy 2008; ensure that noise impacts on the amenity of the development met the indoor noise objectives set out in the Environmental Protection (Noise) Policy 2008. 	<p>AO99</p> <p>Development does not involve the construction of any buildings or structures within a Pumping station buffer.</p>
<p>Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)</p> <p>Note - The applicable river and creek flood planning levels associated with defined flood event (DFE) within the inundation area can be obtained by requesting a flood check property report from Council.</p>	
<p>PO100</p> <p>Development:</p> <ol style="list-style-type: none"> minimises the risk to persons from overland flow; does not increase the potential for damage from overland flow either on the premises or other premises, public land, watercourses, roads or infrastructure. 	<p>No acceptable outcome provided.</p>
<p>PO101</p> <p>Development:</p> <ol style="list-style-type: none"> maintains the conveyance of overland flow predominantly unimpeded through the premises for any event up to and including the 1% AEP for the fully developed upstream catchment; does not concentrate, intensify or divert overland flow onto an upstream, downstream or surrounding property. 	<p>AO101</p> <p>No acceptable outcome provided.</p>

<p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow.</p>	
<p>PO102</p> <p>Development does not:</p> <ol style="list-style-type: none"> directly, indirectly or cumulatively cause any increase in overland flow velocity or level; increase the potential for flood damage from overland flow either on the premises or other premises, public lands, watercourses, roads or infrastructure. <p>Note - Open concrete drains greater than 1m in width are not an acceptable outcome, nor are any other design options that may increase scouring.</p>	<p>No acceptable outcome provided.</p>
<p>PO103</p> <p>Development ensures that public safety and the risk to the environment are not adversely affected by a detrimental impact of overland flow on a hazardous chemical located or stored on the premises.</p>	<p>AO103</p> <p>Development ensures that a hazardous chemical is not located or stored in an Overland flow path area.</p> <p>Note - Refer to the Work Health and Safety Act 2011 and associated Regulation and Guidelines, the Environmental Protection Act 1994 and the relevant building assessment provisions under the Building Act 1975 for requirements related to the manufacture and storage of hazardous substances.</p>
<p>PO104</p> <p>Development which is not in a Rural zone ensures that overland flow is not conveyed from a road or public open space onto a private lot.</p>	<p>AO104</p> <p>Development which is not in a Rural zone that an overland flow paths and drainage infrastructure is provided to convey overland flow from a road or public open space area away from a private lot.</p>
<p>PO105</p> <p>Development ensures that inter-allotment drainage infrastructure, overland flow paths and open drains through private property cater for overland flows for a fully developed upstream catchment and are able to be easily maintained.</p> <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>	<p>AO105.1</p> <p>Development ensures that roof and allotment drainage infrastructure is provided in accordance with the following relevant level as identified in QUDM:</p> <ol style="list-style-type: none"> Urban area – Level III; Rural area – N/A; Industrial area – Level V; Commercial area – Level V. <p>AO105.2</p>

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	Development ensures that inter-allotment drainage infrastructure is designed to accommodate any event up to and including the 1% AEP for the fully developed upstream catchment.
<p>PO106</p> <p>Development protects the conveyance of overland flow such that an easement for drainage purposes is provided over:</p> <ol style="list-style-type: none"> a stormwater pipe if the nominal pipe diameter exceeds 300mm; an overland flow path where it crosses more than one premises; inter-allotment drainage infrastructure. <p>Note - Refer to Planning scheme policy - Integrated design for details and examples.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	No acceptable outcome provided.
Additional criteria for development for a Park⁽⁵⁷⁾	
<p>PO107</p> <p>Development for a Park⁽⁵⁷⁾ ensures that the design and layout responds to the nature of the overland flow affecting the premises such that:</p> <ol style="list-style-type: none"> public benefit and enjoyment is maximised; impacts on the asset life and integrity of park structures is minimised; maintenance and replacement costs are minimised. 	<p>AO107</p> <p>Development for a Park⁽⁵⁷⁾ ensures works are provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.</p>
Riparian and wetland setbacks	
<p>PO108</p> <p>Development provides and maintains a suitable setback from waterways and wetlands that protects natural and environmental values. This is achieved by recognising and responding to the following matters:</p> <ol style="list-style-type: none"> impact on fauna habitats; impact on wildlife corridors and connectivity; 	<p>AO108</p> <p>Development does not occur within:</p> <ol style="list-style-type: none"> 50m from top of bank for W1 waterway and drainage line 30m from top of bank for W2 waterway and drainage line

<ul style="list-style-type: none"> c. impact on stream integrity; d. impact of opportunities for revegetation and rehabilitation planting; e. edge effects. 	<ul style="list-style-type: none"> c. 20m from top of bank for W3 waterway and drainage line d. 100m from the edge of a Ramsar wetland, 50m from all other wetlands. <p>Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>
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Scenic amenity - Regionally significant (Hills) and Locally important (Coast) (refer Overlay map - Scenic amenity to determine if the following assessment criteria apply)

<p>PO109</p> <p>Development:</p> <ul style="list-style-type: none"> a. avoids being viewed as a visually conspicuous built form on a hill top or ridgeline; b. retain the natural character or bushland settings as the dominant landscape characteristic; c. is viewed as being visually consistent with the natural landscape setting and does not diminish the scenic and visual qualities present in the environment. 	<p>AO109</p> <p>Where located in the Regionally significant (Hills) scenic amenity overlay, buildings and structures are not:</p> <ul style="list-style-type: none"> a. located on a hill top or ridge line; b. all parts of the building and structure are located below the hill top or ridge line. 																											
<p>PO110</p> <p>Development:</p> <ul style="list-style-type: none"> a. does not adversely detract or degrade the quality of views, vista or key landmarks; b. retains the natural character or bushland settings as the dominant landscape characteristic. 	<p>AO110</p> <p>Where located in the Regionally significant (Hills) scenic amenity overlay, driveways and accessways:</p> <ul style="list-style-type: none"> a. go across land contours, and do not cut straight up slopes; b. follow natural contours, not resulting in batters or retaining walls being greater than 900mm in height. 																											
<p>PO111</p> <p>Buildings and structures incorporate colours and finishes that:</p> <ul style="list-style-type: none"> a. are consistent with a natural, open space character and bushland environment; b. do not produce glare or appear visual incompatible with the surrounding natural character and bushland environment; c. are not visually dominant or detract from the natural qualities of the landscape. 	<p>AO111.1</p> <p>Where located in the Regionally significant (hills) scenic amenity overlay, roofs and wall surfaces of buildings and structures adopt the following colours:</p> <table border="1" data-bbox="798 1563 1465 2063"> <thead> <tr> <th colspan="3">Colours from Australian Standard AS2700s – 1996</th> </tr> </thead> <tbody> <tr> <td>G12 – Holly</td> <td>G54 – Mist Green</td> <td>N 44 – Bridge Grey</td> </tr> <tr> <td>G13 – Emerald</td> <td>G55 – Lichen</td> <td>N45 – Koala Grey</td> </tr> <tr> <td>G14 – Moss Green</td> <td>G56 – Sage Green</td> <td>N52 – Mid Grey</td> </tr> <tr> <td>G15 – Rainforest Green</td> <td>G62 – Rivergum</td> <td>N54 – Basalt</td> </tr> <tr> <td>G16 – Traffic Green</td> <td>G64 – Slate</td> <td>N55 – Lead Grey</td> </tr> <tr> <td>G17 – Mint Green</td> <td>G65 – Ti Tree</td> <td>X54 – Brown</td> </tr> <tr> <td>G21 – Jade</td> <td>N25 – Birch Grey</td> <td>X61 – Wombat</td> </tr> <tr> <td>G22 – Serpentine</td> <td>N32 – Green Grey</td> <td>X62 – Dark Earth</td> </tr> </tbody> </table>	Colours from Australian Standard AS2700s – 1996			G12 – Holly	G54 – Mist Green	N 44 – Bridge Grey	G13 – Emerald	G55 – Lichen	N45 – Koala Grey	G14 – Moss Green	G56 – Sage Green	N52 – Mid Grey	G15 – Rainforest Green	G62 – Rivergum	N54 – Basalt	G16 – Traffic Green	G64 – Slate	N55 – Lead Grey	G17 – Mint Green	G65 – Ti Tree	X54 – Brown	G21 – Jade	N25 – Birch Grey	X61 – Wombat	G22 – Serpentine	N32 – Green Grey	X62 – Dark Earth
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	<table border="1"> <tr> <td>G23 – Shamrock</td> <td>N33 – Lightbox Grey</td> <td>X63 – Iron Bark</td> </tr> <tr> <td>G24 – Fern Green</td> <td>N35 – Light Grey</td> <td>Y51 – Bronze Olive</td> </tr> <tr> <td>G25 – Olive</td> <td>N41 – Oyster</td> <td>Y61 – Black Olive</td> </tr> <tr> <td>G34 – Avocado</td> <td>N42 – Storm Grey</td> <td>Y63 – Khaki</td> </tr> <tr> <td>G52 – Eucalyptus</td> <td>N43 – Pipeline Grey</td> <td>Y66 – Mudstone</td> </tr> <tr> <td>G53 – Banksia</td> <td></td> <td></td> </tr> </table>	G23 – Shamrock	N33 – Lightbox Grey	X63 – Iron Bark	G24 – Fern Green	N35 – Light Grey	Y51 – Bronze Olive	G25 – Olive	N41 – Oyster	Y61 – Black Olive	G34 – Avocado	N42 – Storm Grey	Y63 – Khaki	G52 – Eucalyptus	N43 – Pipeline Grey	Y66 – Mudstone	G53 – Banksia		
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<p>PO112</p> <p>Landscaping</p> <ol style="list-style-type: none"> complements the coastal landscape character and amenity; has known resilience and robustness in the coastal environment; <p>Fences and walls:</p> <ol style="list-style-type: none"> do not appear visually dominant or conspicuous within its setting; reduce visual appearance through the use of built form articulation, setbacks, and plant screening; use materials and colours that are complementary to the coastal environment. <p>Building design responds to the bayside location and complements the particular bayside character and amenity by adopting and incorporating a range of architectural character elements.</p> <ol style="list-style-type: none"> retained; protected from development diminishing their significance. 	<p>AO111.2</p> <p>Where located in the Regionally significant (hills) scenic amenity overlay, roofs and wall surfaces of buildings and structures are painted or finished such that reflectivity is less than 35%.</p> <p>AO112</p> <p>Where located in the Locally Important (Coast) scenic amenity overlay:</p> <ol style="list-style-type: none"> landscaping comprises indigenous coastal species; fences and walls are no higher than 1m; and existing pine trees, palm trees, mature fig and cotton trees are retained. where over 12m in height, the building design includes the following architectural character elements: <ol style="list-style-type: none"> curving balcony edges and walls, strong vertical blades and wall planes; balcony roofs, wall articulation expressed with different colours, curves in plan and section, and window awnings; roof top outlooks, tensile structures as shading devices; lightweight structures use white frame elements in steel and timber, bold colour contrast. 																		
<p>Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)</p> <p>Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code</p>																			

6.2.2.4 Lakeside precinct

6.2.2.4.1 Purpose – Lakeside precinct

1. The purpose of the code will be achieved through the following overall outcomes for the Lakeside precinct:
 - a. Development supports, and has a nexus with, the continued operation of the established motor sport facility⁽⁴⁸⁾ whilst minimising nuisance impacts and managing unreasonable amenity impacts on the surrounding sensitive uses, wildlife and natural environment.
 - b. Development does not compromise, depart or detract from the primary role of the precinct, that being for a motor sport facility⁽⁴⁸⁾ use. Where development is not for a motor sport facility⁽⁴⁸⁾ use, uses consistent with the Rural Zone (see Part 6.2.10.2.3(s)) are anticipated to establish.
 - c. Development is designed and operated to provide a high level of amenity and maintains the safety of people and property through crime prevention through environmental design principles (CPTED).
 - d. Development is of a scale, height and built form consistent with the low density, low intensity character of the surrounding rural and open space and recreation area.
 - e. Noise sensitive uses are designed, sited and constructed so as not to be subject to unacceptable levels of noise.
 - f. Where applicable, development is undertaken in accordance with an approved Council Master Plan.
 - g. Development in a Water supply buffer is undertaken in a manner which contributes to the maintenance and enhancement where possible of water quality to protect the drinking water and aquatic ecosystem environmental values in those catchments.
 - h. General works associated with the development achieves the following:
 - i. new development is provided with a high standard of services to meet and support the current and future needs of users of the site, including roads, street lighting services, telecommunications and reticulated electricity (underground wherever possible), water and sewerage (where available);
 - ii. the development manages stormwater to:
 - A. ensure the discharge of stormwater does not adversely affect the quality, environmental values or ecosystem functions of downstream receiving waters;
 - B. prevent stormwater contamination and the release of pollutants;
 - C. maintain or improve the structure and condition of drainage lines and riparian areas;
 - D. avoid off-site adverse impacts from stormwater.
 - iii. the development does not result in unacceptable impacts on the capacity and safety of the external road network;
 - iv. the development ensures the safety, efficiency and useability of access ways and parking areas;
 - v. site works including earthworks are managed to be safe and have minimal impacts on adjoining or adjacent premises, the streetscape or the environment.
 - i. Development avoids areas subject to constraint, limitation, or environmental value. Where development cannot avoid these identified areas, it responds by:
 - i. adopting a 'least risk, least impact' approach when designing, siting and locating development in any area subject to a constraint, limitation or environmental value to minimise the potential risk to people, property and the environment;
 - ii. ensuring no further instability, erosion or degradation of the land, water or soil resource;
 - iii. when located within a Water buffer area, complying with the Water Quality Vision and Objectives contained in the Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.
 - iv. maintaining, restoring and rehabilitating environmental values, including natural, ecological, biological, aquatic, hydrological and amenity values, and enhancing these values through the provision of planting and landscaping, and facilitating safe wildlife movement and connectivity through:

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- A. the provision of replacement, restoration, rehabilitation planting and landscaping;
 - B. the location, design and management of development to avoid or minimise adverse impacts on ecological systems and processes;
 - C. the requiring of environmental offsets in accordance with the Environmental Offsets Act 2014.
- v. protecting native species and protecting and enhancing species habitat;
 - vi. protecting and preserving the natural, aesthetic, architectural historic and cultural values of significant trees, places, objects and buildings of heritage and cultural significance;
 - vii. establishing effective separation distances, buffers and mitigation measures associated with identified infrastructure to minimise adverse effects on sensitive land uses from odour, noise, dust and other nuisance generating activities;
 - viii. establishing, maintaining and protecting appropriate buffers to waterways, wetlands, native vegetation and significant fauna habitat;
 - ix. ensuring it promotes and does not undermine the ongoing viability, integrity, operation, maintenance and safety of identified infrastructure;
 - x. ensuring effective and efficient disaster management response and recovery capabilities;
 - xi. where located in an overland flow path:
 - A. development siting, built form, layout and access responds to the risk presented by the overland flow and minimises risk to personal safety;
 - B. development is resilient to the impacts of overland flow by ensuring the siting and design accounts for the potential risks to property associated with the overland flow;
 - C. development does not impact on the conveyance of the overland flow for any event up to and including the 1% AEP for the fully developed upstream catchment;
 - D. development directly, indirectly and cumulatively avoid an increase in the severity of overland flow and potential for damage on the premises or other premises, public lands, watercourses, roads or infrastructure.

j. Development in the Lakeside precinct includes one or more of the following:

<ul style="list-style-type: none"> • Caretaker's accommodation⁽¹⁰⁾ • Club* ⁽¹⁴⁾ • Function facility* ⁽²⁹⁾ • Indoor sport and recreation*⁽³⁸⁾ 	<ul style="list-style-type: none"> • Market**⁽⁴⁶⁾ • Motor sport facility⁽⁴⁸⁾ • Outdoor sport and recreation* ⁽⁵⁵⁾ 	<ul style="list-style-type: none"> • Tourist attraction* ⁽⁸³⁾ • Tourist park* ⁽⁸⁴⁾
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Note - Uses indicated with an * are appropriate if located on Council owned or controlled land and in accordance with an approved Council Master Plan.

k. Development in the Lakeside precinct does not include any of the following:

<ul style="list-style-type: none"> • Adult store⁽¹⁾ • Agricultural supplies store⁽²⁾ • Air services⁽³⁾ • Animal husbandry⁽⁴⁾ • Animal keeping⁽⁵⁾ • Aquaculture⁽⁶⁾ • Bar⁽⁷⁾ 	<ul style="list-style-type: none"> • Funeral parlour⁽³⁰⁾ • Garden centre⁽³¹⁾ • Hardware and trade supplies⁽³²⁾ • Health care services⁽³³⁾ • High Impact industry⁽³⁴⁾ • Home based business⁽³⁵⁾ • Hospital⁽³⁶⁾ 	<ul style="list-style-type: none"> • Renewable energy facility⁽⁶³⁾ • Research and technology industry⁽⁶⁴⁾ • Residential care facility⁽⁶⁵⁾ • Resort complex⁽⁶⁶⁾ • Retirement facility⁽⁶⁷⁾ • Roadside stall⁽⁶⁸⁾
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<ul style="list-style-type: none"> • Brothel⁽⁸⁾ • Bulk landscape supplies⁽⁹⁾ • Car wash⁽¹¹⁾ • Cemetery⁽¹²⁾ • Child care centre⁽¹³⁾ • Community care centre⁽¹⁵⁾ • Community residence⁽¹⁶⁾ • Community use⁽¹⁷⁾ • Crematorium⁽¹⁸⁾ • Cropping⁽¹⁹⁾ • Detention facility⁽²⁰⁾ • Dual occupancy⁽²¹⁾ • Dwelling house⁽²²⁾ • Dwelling unit⁽²³⁾ • Educational establishment⁽²⁴⁾ • Emergency services⁽²⁵⁾ • Environmental facility⁽²⁶⁾ • Extractive industry⁽²⁷⁾ • Food and drink outlet⁽²⁸⁾ (if including a drive-through facility) 	<ul style="list-style-type: none"> • Hotel⁽³⁷⁾ • Intensive animal industry⁽³⁹⁾ • Intensive horticulture⁽⁴⁰⁾ • Landing⁽⁴¹⁾ • Low impact industry⁽⁴²⁾ • Marine industry⁽⁴⁵⁾ • Medium impact industry⁽⁴⁷⁾ • Multiple dwelling⁽⁴⁹⁾ • Nature-based tourism⁽⁵⁰⁾ • Nightclub entertainment facility⁽⁵¹⁾ • Non-resident workforce accommodation⁽⁵²⁾ • Office⁽⁵³⁾ • Outdoor sales⁽⁵⁴⁾ • Parking station⁽⁵⁸⁾ • Permanent plantation⁽⁵⁹⁾ • Place of worship⁽⁶⁰⁾ • Port services⁽⁶¹⁾ • Relocatable home park⁽⁶²⁾ 	<ul style="list-style-type: none"> • Rooming accommodation⁽⁶⁹⁾ • Rural industry⁽⁷⁰⁾ • Rural workers' accommodation⁽⁷¹⁾ • Sales office⁽⁷²⁾ • Service industry⁽⁷³⁾ • Service station⁽⁷⁴⁾ • Shop⁽⁷⁵⁾ • Shopping centre⁽⁷⁶⁾ • Showroom⁽⁷⁸⁾ • Special industry⁽⁷⁹⁾ • Theatre⁽⁸²⁾ • Transport depot⁽⁸⁵⁾ • Veterinary services⁽⁸⁷⁾ • Warehouse⁽⁸⁸⁾ • Wholesale nursery⁽⁸⁹⁾ • Winery⁽⁹⁰⁾
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- I. Development not listed in the tables above may be considered on its merits and where it reflects and supports the outcomes of the zone.

6.2.2.3 Criteria for assessment

To determine if development is self-assessable, development must comply with the self-assessable acceptable outcomes set out in Part G, Table 6.2.2.4.1. Where development does not meet an acceptable outcome (SAO) of the relevant criteria Part G Table 6.2.2.4.1, assessment is against the corresponding performance outcome (PO) identified in the table below. This only occurs whenever a self-assessable SAO is not met, and is therefore limited to the subject matter of the self-assessable SAOs that are not complied with. To remove any doubt, for those SAOs that are complied with, there is no need for assessment against the corresponding PO.

Self-assessable acceptable outcomes	Corresponding performance outcomes
SAO1	PO5
SAO2	PO4

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SAO3	PO12
SAO4	PO13
SAO5	PO16
SAO6	PO7
SAO7	PO8-PO11
SAO8	PO8-PO11
SAO9	PO18
SAO10	PO19-PO23
SAO11	PO21
SAO12	PO22
SAO13	PO26
SAO14	PO26
SAO15	PO28
SAO16	PO32
SAO17	PO33
SAO18	PO35
SAO19	PO37
SAO20	PO38
SAO21	PO35
SAO22	PO39
SAO23	PO39-PO44
SAO24	PO41
SAO25	PO45
SAO26	PO45
SAO27	PO45
SAO28	PO46
SAO29	PO47
SAO30	PO48
SAO31	PO48
SAO32	PO48
SAO33	PO48
SAO34	PO48
SAO35	PO49
SAO36	PO49
SAO37	PO54
SAO38	PO54

SAO39	PO54
SAO40	PO56
SAO41	PO57
SAO42	PO58
SAO43	PO58
SAO44	PO58
SAO45	PO58
SAO46	PO60
SAO47	PO61
SAO48	PO62
SAO49	PO62
SAO50	PO63
SAO51	PO64
SAO52	PO65
SAO53	PO66-PO77
SAO54	PO66-PO77
SAO55	PO78-PO79
SAO56	PO78-PO79
SAO57	PO81
SAO58	PO81
SAO59	PO81
SAO60	PO82
SAO61	PO83
SAO62	PO84
SAO63	PO85
SAO64	PO85
SAO65	PO88
SAO66	PO86
SAO67	PO86
SAO68	PO86
SAO69	PO85
SAO70	PO87
SAO71	PO89-PO91, PO93-PO95
SAO72	PO89-PO91, PO93-PO95
SAO73	PO89-PO91
SAO74	PO92

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SAO75	PO96
SAO76	PO97

Part G - Criteria for self-assessable development - Lakeside precinct

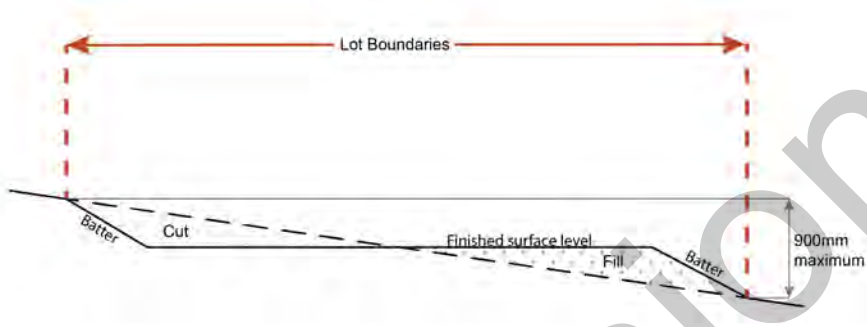
Table 6.2.2.4.1 Self-assessable development - Lakeside precinct

Self-assessable acceptable outcomes	
General criteria	
Building setbacks	
SAO1	Buildings and structures are setback as follows: <ol style="list-style-type: none"> a. road frontage - 6m b. side boundary - 3m c. rear boundary - 3m.
Site cover	
SAO2	Site cover does not exceed 40%.
Car parking	
SAO3	On-site car parking is provided in accordance with Schedule 7 - Car parking.
SAO4	Minimum cycle parking spaces are provided at minimum 1 employee space per 200m ² of GFA.
Waste	
SAO5	Bins and bin storage areas are provided, designed and managed in accordance with Planning scheme policy – Waste.
Lighting	
SAO6	Artificial lighting on-site is directed and shielded in such a manner as not to exceed the recommended maximum values of light technical parameters for the control of obtrusive light given in Table 2.1 of Australian Standard AS 4282 (1997) Control of Obtrusive Effects of Outdoor Lighting. Note - "Curfewed hours" are taken to be those hours between 10pm and 7am on the following day.
Hazardous chemicals	
SAO7	All development that involves the storage or handling of hazardous chemicals listed in Schedule 9, Development involving hazardous chemicals, Table 9.0.1 Hazardous Chemicals Self-Assessable Thresholds complies with Schedule 9, Table 9.0.3 Hazardous Chemicals Self-Assessable Criteria.
SAO8	Development does not involve the storage or handling of hazardous chemicals listed in Schedule 9, Development involving hazardous chemicals, Table 9.0.2 Hazardous Chemicals Assessable Thresholds.
Clearing of habitat trees where not located in the Environmental areas overlay map.	
SAO9	Development does not result in the damaging, destroyed or clearing of a habitat tree. This does not apply to: <ol style="list-style-type: none"> a. Clearing of a habitat tree located within an approved development footprint;

	<p>b. Clearing of a habitat tree within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency;</p> <p>c. Clearing of a habitat tree reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure;</p> <p>d. Clearing of a habitat tree reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural , Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence;</p> <p>e. Clearing of a habitat tree reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes;</p> <p>f. Clearing of a habitat tree in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council;</p> <p>g. Clearing of a habitat tree associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;</p> <p>h. Native forest practice where exempt under Part 1, 1.7.7 Exempt development.</p> <p>Editor's note - A native tree measuring greater than 80cm in diameter when measured at 1.3m from the ground is recognised as a 'habitat tree'. For further information on habitat trees, refer to Planning scheme policy – Environmental areas and corridors. Information detailing how this measurement is undertaken is provided in Australian Standard AS 4970 2009 Protection of Trees on Development Sites - Appendix A.</p>
Works criteria	
Utilities	
SAO10	<p>Where available, the development is connected to:</p> <p>a. an existing reticulated electricity supply;</p> <p>b. telecommunications and broadband;</p> <p>c. reticulated sewerage;</p> <p>d. reticulated water;</p> <p>e. constructed and dedicated road.</p>
SAO11	<p>Where not in a seweraged area, the development is serviced by an appropriate on-site sewerage facility.</p> <p>Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.</p>
SAO12	<p>Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.</p>
Access	
SAO13	<p>Any new or changes to existing site access and driveways are designed and located in accordance with:</p>

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	<p>a. Where for a Council-controlled road, AS/NZS2890.1 section 3; or</p> <p>b. Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval.</p>
SAO14	Any new or changes to existing internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.
Stormwater	
SAO15	<p>Any new or changes to existing stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises in accordance with Planning scheme policy – Integrated design.</p> <p>Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.</p>
Site works and construction management	
SAO16	The site and any existing structures are to be maintained in a tidy and safe condition.
SAO17	Site construction works incorporate temporary stormwater run-off, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design.
SAO18	Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.
SAO19	<p>All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works.</p> <p>Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.</p>
SAO20	Any damage to Council land or infrastructure is repaired or replaced with the same materials, prior to plan sealing, or final building classification.
SAO21	Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.
Earthworks	
SAO22	<p>The site is prepared and the fill placed on-site in accordance with Australian Standard AS3798.</p> <p>Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures</p>
SAO23	The total of all cut and fill on-site does not exceed 900mm in height.

	<p style="text-align: center;">Figure - Cut and fill</p>  <p>Note - This is site earthworks not building work.</p>
<p>SAO24</p>	<p>Filling or excavation does not result in:</p> <ol style="list-style-type: none"> a. a reduction in cover over any Council or public sector entity infrastructure to less than 600mm; b. an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the filling or excavation works being undertaken. <p>Note - Public sector entity is defined in the Sustainable Planning Act 2009.</p>
<p>Fire services</p> <p>Note - The provisions under this heading only apply if:</p> <ol style="list-style-type: none"> a. the development is for, or incorporates: <ol style="list-style-type: none"> i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials. <p>AND</p> <ol style="list-style-type: none"> b. none of the following exceptions apply: <ol style="list-style-type: none"> i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site. <p>Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.</p>	
<p>SAO25</p>	<p>External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of <i>Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations</i>.</p> <p>Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005):</p> <ol style="list-style-type: none"> a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative;

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	<p>b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005);</p> <p>c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that:</p> <ul style="list-style-type: none"> i. - for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings; ii. - for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans; iii. - for outdoor sales⁽⁵⁴⁾, processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities; and <p>d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and where applicable, Part 3.6.</p>
<p>SAO26</p>	<p>A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:</p> <ul style="list-style-type: none"> a. an unobstructed width of no less than 3.5m; b. an unobstructed height of no less than 4.8m; c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance; d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.
<p>SAO27</p>	<p>On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in <i>Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment</i>.</p>
<p>SAO28</p>	<p>For development that contains on-site fire hydrants external to buildings:</p> <ul style="list-style-type: none"> a. those external hydrants can be seen from the vehicular entry point to the site; or b. a sign identifying the following is provided at the vehicular entry point to the site: <ul style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager's office (where provided); v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points. <p>Note - The sign prescribed above, and the graphics used are to be:</p> <ul style="list-style-type: none"> a. in a form; b. of a size; c. illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>

SAO29	For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavements markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads. Note - Technical note <i>Fire hydrant indication system</i> is available on the website of the Queensland Department of Transport and Main Roads.
Use specific criteria	
Caretaker's accommodation⁽¹⁰⁾	
SAO30	A caretaker's accommodation ⁽¹⁰⁾ has a maximum GFA of 80m ² .
SAO31	No more than 1 caretaker's accommodation ⁽¹⁰⁾ is established per site.
SAO32	Does not gain access from a separate driveway to the main use on the site.
SAO33	Includes a minimum 16m ² of private open space directly accessible from a habitable room.
SAO34	Provide car parking in accordance with Schedule 7 - Car parking.
Club⁽¹⁴⁾	
SAO35	Limited to 1 club ⁽¹⁴⁾ .
SAO36	Development does not exceed 150m ² GFA.
Motor sport facility⁽⁴⁸⁾	
SAO37	Competitive use of the track by motor vehicles is limited to the hours of 9am to 7pm.
SAO38	Non-competitive motor vehicle use complying with the vehicle standards in the <i>Transport Operations (Road Use Management—Vehicle Standards and Safety) Regulation 2010</i> for use of the track is limited to the hours of 7am to 9pm. Note - for vehicle standards, see section 4 of the <i>Transport Operations (Road Use Management—Vehicle Standards and Safety) Regulation 2010</i>
SAO39	Use of the track by motor vehicles is not to occur before 7am or after 9pm.
Telecommunications facility⁽⁸¹⁾	
Editor's note - In accordance with the Federal legislation Telecommunications facilities ⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3Khz to 300Ghz.	
SAO40	A minimum of 45m ² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.
SAO41	The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.
SAO42	Equipment shelters and associated structures are located: <ul style="list-style-type: none"> a. directly beside the existing equipment shelter and associated structures; b. behind the main building line;

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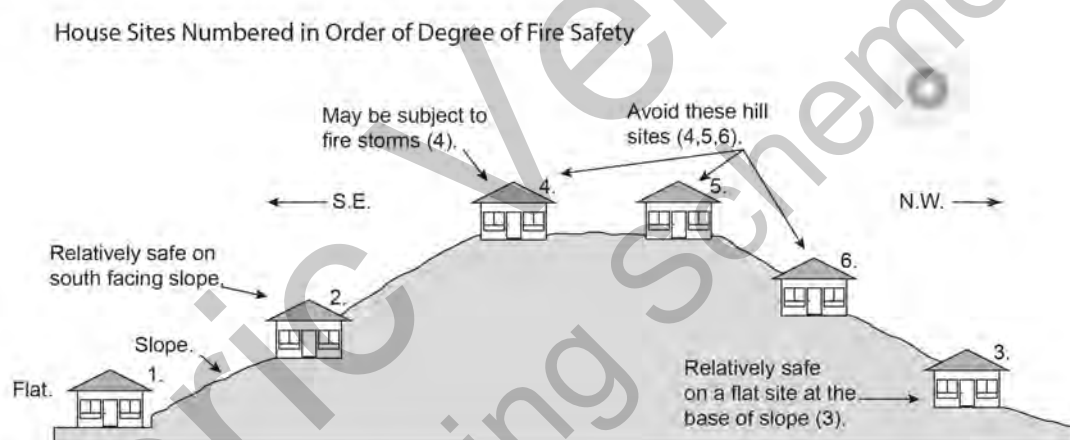
	<p>c. further away from the frontage than the existing equipment shelter and associated structures;</p> <p>d. a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.</p>																																																	
SAO43	Equipment shelters and other associated structures are either the same type of colour or material to match the surrounding locality.																																																	
SAO44	The facility is enclosed by security fencing or by other means to ensure public access is prohibited.																																																	
SAO45	<p>A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the development and street frontage and adjoining uses.</p> <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p> <p>Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person to ensure compliance with Planning scheme policy - Integrated design.</p>																																																	
SAO46	All equipment comprising the telecommunications facility ⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.																																																	
<p>Values and constraints criteria</p> <p>Note - The relevant values and constraints criteria do not apply where the development, the subject of the application, is associated and consistent with, and subsequent to a current Development permit for Reconfiguring a lot or Material change of use, where that approval, under this or a superseded planning scheme, has considered and addressed (e.g. through a development footprint plan or similar, or conditions of approval) the identified value or constraint under this planning scheme.</p>																																																		
<p>Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)</p> <p>Note - Planning scheme policy - Acid sulfate soils provides guidance for self-assessable development that has the potential to disturb acid sulfate soils i.e. development involving filling or excavation works below the thresholds of 100m³ and 500m³ respectively.</p>																																																		
SAO47	<p>Development does not involve:</p> <p>a. excavation or otherwise removing of more than 100m³ of soil or sediment where below 5m Australian Height Datum AHD, or</p> <p>b. filling of land of more than 500m³ of material with an average depth of 0.5m or greater where below the 5m AHD.</p> <table border="1" style="margin-top: 10px;"> <thead> <tr> <th>Surface Elevation</th> <th>>500m³</th> <th>0.5m</th> <th>≥100m³</th> <th>≥100m³</th> <th><100m³</th> <th>≥20m AHD</th> </tr> </thead> <tbody> <tr> <td>±20m AHD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>+15m AHD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>+10m AHD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>+5m AHD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>0m AHD</td> <td>✓</td> <td>X</td> <td>✓</td> <td>✓</td> <td>X</td> <td>X</td> </tr> <tr> <td>-5m AHD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Surface Elevation	>500m ³	0.5m	≥100m ³	≥100m ³	<100m ³	≥20m AHD	±20m AHD							+15m AHD							+10m AHD							+5m AHD							0m AHD	✓	X	✓	✓	X	X	-5m AHD						
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Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)

Note - For the purposes of section 12 of the Building Regulation 2006, land identified as very high potential bushfire intensity, high potential bushfire intensity, medium potential bushfire intensity or potential impact buffer on the Bushfire hazard areas overlay map is the 'designated bushfire hazard area'. AS 3959-2009 Construction of buildings in bushfire hazard areas applies within these areas.

SAO48

- a. Building and structures are:
- not located on a ridgeline
 - not located on land with a slope greater than 15% (see Overlay map – Landslide hazard (for land having a slope greater than 15%))
- b. Dwellings are located on east to south facing slopes.



(1 being the safest , 6 being the most hazardous.)
 From Bushfire Prone Areas: Siting and Design of Residential Buildings (1997), Queensland Department of Local Government and Planning, and Queensland Fire & Rescue Service.

SAO49

- Buildings and structures have contained within the site:
- a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater;
 - a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater;
 - a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures;
 - an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and
 - an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%:
 - to, and around, each building and other roofed structure; and
 - to each fire fighting water supply extraction point.

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	Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959.
SAO50	<p>The length of driveway:</p> <ol style="list-style-type: none"> to a public road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; has a maximum gradient no greater than 12.5%; have a minimum width of 3.5m; accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
SAO51	<ol style="list-style-type: none"> A reticulated water supply is provided by a distributor retailer for the area or, where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is provided and located within 10m of buildings and structures. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access to within 3m of that water storage source is provided. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ol style="list-style-type: none"> a hardstand area allowing medium rigid vehicle (15 tonne fire appliance) access within 6m of the tank; fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 20mm (minimum) to accommodate suction lines.
SAO52	Development does not involve the manufacture or storage of hazardous chemicals.
<p>Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)</p> <p>Note - The following are exempt from the native clearing provisions of this planning scheme:</p> <ol style="list-style-type: none"> Clearing of native vegetation located within an approved development footprint; Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; Grazing of native pasture by stock; Native forest practice where exempt under Part 1, 1.7.7 Exempt development. 	

Note - Definition for native vegetation is located in Schedule 1 Definitions.

Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.

Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.

Editors' Note - When clearing native vegetation within a MSES area, you may still require approval from the State government.

SAO53 Where no suitable land cleared of native vegetation exists, clearing of native vegetation in High Value Area or Value Offset Area is for the purpose of a new dwelling house⁽²²⁾ and all associated facilities* or an extension to an existing dwelling house⁽²²⁾ only, and comprises an area no greater than 1500m².

Note - *All associated facilities includes: on-site wastewater treatment, all areas of disturbance, on-site parking, access and manoeuvring areas.

Editor's note - See in heading above for other uses exempt from native vegetation clearing requirements.

Editor's note - Where self-assessable vegetation clearance is being undertaken, care should be undertaken to avoid adverse impacts on koalas, koala habitat values and habitat connectivity and to encourage existing koala usage of the site. Measures to minimise impacts include:

- i. co-locating all associated activities, infrastructure and access strips;
- ii. be the least valued area of koala habitat on the site;
- iii. minimise the footprint of the development envelope area;
- iv. minimise edge effects to areas external to the development envelope;
- v. location and design consideration to ensure koala safety and movement in accordance with the Koala-sensitive Design Guideline and Planning scheme policy – Environmental areas;
- vi. sufficient area between the development and koala habitat trees to achieve their long-term viability.

Editor's note - Where self-assessable vegetation clearing is being undertaken, consideration should be given to avoid clearing habitat trees. Habitat trees may contain structural hollows where animals live, breed and shelter. The provision of nest boxes or salvaging of hollows will provide compensatory roosting and nesting opportunities for local wildlife including sugar gliders, possums and owls. For further information see Planning scheme policy – Environmental areas.

SAO54 No clearing of native vegetation is to occur within the Value Offset Area MLES - Waterway buffer or Value Offset Area MLES - Wetland buffer.

This does not apply to the following:

- a. Clearing of native vegetation located within an approved development footprint;
- b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency;
- c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure;
- d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence;
- e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes;
- f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council;
- g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;

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	<ul style="list-style-type: none"> h. Grazing of native pasture by stock; i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development.
<p>Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)</p> <p>Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.</p>	
SAO55	<p>Development is for the preservation, maintenance, repair and restoration of the site, object or building.</p> <p>This does not apply to Listed item 99, in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p> <p>Note - Preservation, maintenance, repair and restoration are defined in Schedule 1 - Definitions</p>
SAO56	<p>A cultural heritage conservation management plan is prepared in accordance with Planning scheme policy – Heritage and landscape character and submitted to Council prior to the commencement of any preservation, maintenance, repair and restoration works. Any preservation, maintenance, repair and restoration works are in accordance with the Council approved cultural heritage conservation management plan.</p> <p>This does not apply to Listed item 99 in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p>
SAO57	<p>Development does not result in the removal of or damage to any significant tree identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character.</p>
SAO58	<p>The following development does not occur within 20m of the base of any significant tree, identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character:</p> <ul style="list-style-type: none"> a. construction of any building; b. laying of overhead or underground services; c. any sealing, paving, soil compaction; d. any alteration of more than 75mm to the ground level prior to work commencing.
SAO59	<p>Pruning of a significant tree occurs in accordance with Australian Standard AS 4373-2007 - Pruning of Amenity Trees.</p>
<p>Landslide - land having a slope greater 15% (refer Overlay map - Landslide hazard - land having a slope greater 15% to determine if the following assessment criteria apply)</p>	
SAO60	<p>Development does not:</p> <ul style="list-style-type: none"> a. involve earthworks exceeding 50m³; b. involve cut and fill having a height greater than 600mm; c. involve any retaining wall having a height greater than 600mm; d. redirect or alter the existing flow of surface or groundwater.
SAO61	<p>Buildings, excluding domestic outbuildings:</p> <ul style="list-style-type: none"> a. are split-level, multiple-slab, pier or pole construction; b. are not single plane slab on ground.

SAO62	Development does not involve the manufacture, handling or storage of hazardous chemicals.
Infrastructure buffers (refer Overlay map - Infrastructure buffers to determine if the following assessment criteria apply)	
SAO63	Development within a Water supply buffer does not include the incineration or burial of waste and all other waste is collected and stored in weather proof, sealed waste receptacles, located in roofed and bunded areas, for disposal by a licenced contractor.
SAO64	Management, handling and storage of hazardous chemicals (including fuelling of vehicles) within a Water supply buffer, is undertaken in secured, climate controlled, weather proof, level and bunded enclosures.
SAO65	Development does not restrict access to Bulk water supply infrastructure of any type or size, having regard to (among other things): <ul style="list-style-type: none"> a. buildings or structures; b. gates and fences; c. storage of equipment or materials; d. landscaping or earthworks or stormwater or other infrastructure.
SAO66	On-site sewerage facilities in a Water supply buffer produce a minimum secondary treated effluent (90th percentile) and effluent application to ensure water quality is maintained and protected.
SAO67	On-site sewerage facilities in a Water supply buffer for a dwelling house ⁽²²⁾ include: <ul style="list-style-type: none"> a. emergency storage capacity of 1,000 litres and adequate buffering for shock loading/down time; b. a reserve land application area of 100% of the effluent irrigation design area; c. land application areas that are vegetated; d. the base of the land application field is at least 2 metres above the seasonal high water table/bedrock (whichever is the closest to the base of the application area); e. wastewater collection and storage systems must have capacity to accommodate full load at peak times.
SAO68	On-site sewerage facilities in a Water supply buffer for development other than a dwelling house include emergency storage capable of holding 3-6 hours peak flow of treated effluent in the event of emergencies/overload with provision for de-sludging.
SAO69	Development involving Permanent plantation ⁽⁵⁹⁾ within a Water supply buffer maintains a minimum of 30% ground cover at all times.
SAO70	Development does not involve the construction of any buildings or structures within a Bulk water supply infrastructure buffer.
Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)	
SAO71	Development for a material change of use or building work does not involve the construction of a building or structure in an Overland flow path area.
SAO72	Development for a material change of use or operational work does not impede the flow of flood waters through the premises or worsen flood flows to other premises. <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p>

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	Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow
SAO73	Development for a material change of use or building work ensures that fencing in an overland flow path area is at least 50% permeable.
SAO74	Development for a material change of use or building work that involves a hazardous chemical ensures the hazardous chemicals is not located within an overland flow path area.
SAO75	Development for a material change of use or building work for a Park ⁽⁵⁷⁾ ensures that work is provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.
<p>Riparian and wetland setbacks (refer Overlay map - Riparian and wetland setback to determine if the following assessment criteria apply)</p> <p>Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>	
SAO76	<p>No development is to occur within:</p> <ol style="list-style-type: none"> 50m from top of bank for W1 waterway and drainage line 30m from top of bank for W2 waterway and drainage line 20m from top of bank for W3 waterway and drainage line 100m from the edge of a Ramsar wetland, 50m from all other wetlands. <p>Note - W1, W2 and W3 waterways and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p> <p>Note - In some cases, the top of bank may not be easily defined, as such a hydraulic measurement may be applied instead. Moreton Bay Regional Council will provide further direction on how to determine and locate the setback boundary in these locations.</p> <p>Note - The minimum setback distance applies to the each side of waterway.</p>
<p>Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)</p> <p>Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code</p>	

Part H — Criteria for assessable development - Lakeside precinct

Where development is code assessable development in the Table of Assessment, the assessment criteria for that development are set out in Part H, Table 6.2.2.4.2.

Where development is impact assessable, the assessment criteria becomes the whole of the planning scheme.

Table 6.2.2.4.2 Assessable development - Lakeside precinct

Performance outcomes	Acceptable outcomes
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General criteria	
Precinct function	
<p>PO1</p> <p>Development does not compromise, depart or detract from the primary role of the precinct for motor sport facility⁽⁴⁸⁾ use.</p>	No acceptable outcome provided.
Built form and design	
<p>PO2</p> <p>Buildings and structures are of a height, scale and bulk which:</p> <ol style="list-style-type: none"> is visually compatible with existing buildings or structures; does not appear dominant, overbearing or out-of-character with the surrounding low density, low intensity built form environment; minimises the visual impact of large-scale built form; does not result in a significant loss of visual amenity or outlook. 	No acceptable outcome provided.
<p>PO3</p> <p>Buildings and structures are designed and constructed to:</p> <ol style="list-style-type: none"> incorporate a mix of colours and high quality materials to add diversification to treatments and finishes; avoid blank walls through façade articulation to create visual interest and deter graffiti and vandalism; reduce cluttering of plant and equipment on building roofs. 	<p>AO3.1</p> <p>Development provides materials and finishes of a high quality that are not susceptible to stain, discolour or deterioration.</p>
	<p>AO3.2</p> <p>Development incorporates articulated walls with variation, detail and colour to reduce the bulk and impact of development and minimise expansive blank walls.</p>
	<p>AO3.3</p> <p>Building utilities such as lift motor rooms and telecommunications equipment are designed to be visually integrated with the building.</p>
<p>PO4</p> <p>Development will ensure that buildings and structures are not overbearing, visually dominant or out of character with the surrounding built environment nor detract from the amenity of adjoining land.</p>	<p>AO4</p> <p>Site cover of all buildings and structures does not exceed 40%.</p>
Building setbacks	

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<p>PO5</p> <p>Building setback:</p> <ul style="list-style-type: none"> a. is sufficient to minimise overlooking and maintain privacy of adjoining properties; b. is sufficient to ensure development is not visually dominant or overbearing on adjoining properties. 	<p>AO5</p> <p>Buildings and structures are setback as follows, unless otherwise indicated:</p> <ul style="list-style-type: none"> a. road frontage - 6m b. side boundary - 3m c. rear boundary - 3m
<p>Personal and property safety</p>	
<p>PO6</p> <p>Buildings and spaces are designed and constructed to create a safe and secure environment by incorporating key crime prevention through environmental design principles, including:</p> <ul style="list-style-type: none"> a. casual surveillance opportunities and sight lines; b. way-finding cues and signage; c. light illuminates pathways and potential entrapment areas as well as maximising opportunities for penetration of natural light into spaces; d. minimise predictable routes and entrapment locations. 	<p>No acceptable outcome provided.</p>
<p>Amenity</p>	
<p>PO7</p> <p>The amenity of the area and adjacent sensitive land uses are protected from the impacts of dust, odour, light, chemicals and other environmental nuisances.</p>	<p>No acceptable outcome provided.</p>
<p>Hazardous chemicals</p> <p>Note - To assist in demonstrating compliance with the following performance outcomes, a Hazard Assessment Report may be required to be prepared and submitted by a suitably qualified person in accordance with 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p> <p>Note - Terms used in this section are defined in 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p>	
<p>PO8</p> <p>Off sites risks from foreseeable hazard scenarios involving hazardous chemicals are commensurate with the sensitivity of the surrounding land use zones.</p>	<p>AO8.1</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of land zoned for vulnerable or sensitive land uses as described below:</p> <p>Dangerous Dose</p>

	<p>a. For any hazard scenario involving the release of gases or vapours:</p> <ol style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. <p>b. For any hazard scenario involving fire or explosion:</p> <ol style="list-style-type: none"> i. 7kPa overpressure; ii. 4.7kW/m² heat radiation. <p>If criteria AO8.1 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 0.5×10^{-6}/year.</p>
	<p>AO8.2</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of a commercial or community activity land use zone as described below:</p> <p>Dangerous Dose</p> <p>a. For any hazard scenario involving the release of gases or vapours:</p> <ol style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. <p>b. For any hazard scenario involving fire or explosion:</p> <ol style="list-style-type: none"> i. 7kPa overpressure; ii. 4.7kW/m² heat radiation. <p>If criteria AO8.2 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 5×10^{-6}/year.</p>
	<p>AO8.3</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of an industrial land use zone as described below:</p> <p>Dangerous Dose</p> <p>a. For any hazard scenario involving the release of gases or vapours:</p>

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	<ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. <ul style="list-style-type: none"> b. For any hazard scenario involving fire or explosion: <ul style="list-style-type: none"> i. 14kPa overpressure; ii. 12.6kW/m² heat radiation. <p>If criteria AO8.3 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 50 x 10⁻⁶/year.</p>
<p>PO9</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are designed to detect the early stages of a fire situation and notify a designated person.</p>	<p>AO9</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are provided with 24 hour monitored fire detection system for early detection of a fire event.</p>
<p>PO10</p> <p>Common storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) that are adequate to contain releases, including fire fighting media.</p>	<p>AO10</p> <p>Storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) capable of containing a minimum of the total aggregate capacity of all packages plus the maximum operating capacity of any fire protection system for the storage area(s) over a minimum of 60 minutes.</p>
<p>PO11</p> <p>Storage and handling areas, including manufacturing areas, containing hazardous chemicals in quantities greater than 2,500L or kg within a Local Government "flood hazard area" are located and designed in a manner to minimise the likelihood of inundation of flood waters from creeks, rivers, lakes or estuaries.</p>	<p>AO11.1</p> <p>The base of any tank with a WC >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area. Alternatively:</p> <ul style="list-style-type: none"> a. bulk tanks are anchored so they cannot float if submerged or inundated by water; and b. tank openings not provided with a liquid tight seal, i.e. an atmospheric vent, are extended above the relevant flood height level. <p>AO11.2</p> <p>The lowest point of any storage area for packages >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area. Alternatively, package stores are provided with impervious bund walls or racking systems higher than the relevant flood height level.</p>
<p>Traffic matters</p>	
<p>PO12</p>	<p>No acceptable outcome provided.</p>

<p>Traffic generation, vehicle movement and on-site car parking associated with an activity:</p> <ol style="list-style-type: none"> a. provides safe, convenient and accessible access for vehicles and pedestrians; b. provides safe and convenient on-site parking and manoeuvring to meet anticipated parking demand; c. is appropriate to the road classification and carrying capacity of the local network and able to meet the additional demands generated by the development; d. does not result in adverse impacts on the efficient and safe functioning of the road network. 	
<p>Bicycle parking and end of trip facilities</p> <p>Note - Building work to which this code applies constitutes Major Development for purposes of development requirements for end of trip facilities prescribed in the Queensland Development Code MP 4.1.</p>	
<p>PO13</p> <ol style="list-style-type: none"> a. End of trip facilities are provided for employees or occupants, in the building or on-site within a reasonable walking distance, and include: <ol style="list-style-type: none"> i. adequate bicycle parking and storage facilities; and ii. adequate provision for securing belongings; and iii. change rooms that include adequate showers, sanitary compartments, wash basins and mirrors. b. Notwithstanding a. there is no requirement to provide end of trip facilities if it would be unreasonable to provide these facilities having regard to: <ol style="list-style-type: none"> i. the projected population growth and forward planning for road upgrading and development of cycle paths; or ii. whether it would be practical to commute to and from the building on a bicycle, having regard to the likely commute distances and nature of the terrain; or iii. the condition of the road and the nature and amount of traffic potentially affecting the safety of commuters. 	<p>AO13.1</p> <p>Minimum bicycle parking facilities are provided at a rate of 1 bicycle parking space for every 3 vehicles parking spaces required by Schedule 7 – Car parking.</p> <p>Editor's note - The acceptable solutions for end of trip facilities prescribed under the Queensland Development Code permit a local planning instrument to prescribe facility levels higher than the default levels identified in those acceptable solutions. This acceptable outcome is a combination of the default levels set for end of trip facilities in the Queensland Development Code and the additional facilities required by Council.</p> <p>AO13.2</p> <p>Bicycle parking is:</p> <ol style="list-style-type: none"> a. provided in accordance with <i>Austrroads (2008), Guide to Traffic Management - Part 11: Parking</i>; b. protected from the weather by its location or a dedicated roof structure; c. located within the building or in a dedicated, secure structure for residents and staff; d. adjacent to building entrances or in public areas for customers and visitors. <p>Note - Bicycle parking structures are to be constructed to the standards prescribed in AS2890.3.</p>

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Editor's note - The intent of b above is to ensure the requirements for bicycle parking and end of trip facilities are not applied in unreasonable circumstances. For example these requirements should not, and do not apply in the Rural zone or the Rural residential zone etc.

Editor's note - This performance outcome is the same as the Performance Requirement prescribed for end of trip facilities under the Queensland Development Code. For development incorporating building work, that Queensland Development Code performance requirement cannot be altered by a local planning instrument and has been reproduced here solely for information purposes. Council's assessment in its building work concurrence agency role for end of trip facilities will be against the performance requirement in the Queensland Development Code. As it is subject to change at any time, applicants for development incorporating building work should ensure that proposals that do not comply with the acceptable outcomes under this heading meet the current performance requirement prescribed in the Queensland Development Code.

Note - Bicycle parking and end of trip facilities provided for residential and non-residential activities may be pooled, provided they are within 100 metres of the entrance to the building.

Editor's note - The acceptable solutions for end of trip facilities prescribed under the Queensland Development Code permit a local planning instrument to prescribe facility levels higher than the default levels identified in those acceptable solutions. This acceptable outcome is an amalgamation of the default levels set for end of trip facilities in the Queensland Development Code and the additional facilities required by Council.

AO13.3

For non-residential uses, storage lockers:

- a. are provide at a rate of 1.6 per bicycle parking space (rounded up to the nearest whole number);
- b. have minimum dimensions of 900mm (height) x 300mm (width) x 450mm (depth).

Note - Storage lockers may be pooled across multiple sites and activities when within 100 metres of the entrance to the building and within 50 metres of bicycle parking and storage facilities.

Editor's note - The acceptable solutions for end of trip facilities prescribed under the Queensland Development Code permit a local planning instrument to prescribe facility levels higher than the default levels identified in those acceptable solutions. This acceptable outcome is an amalgamation of the default levels set for end of trip facilities in the Queensland Development Code and the additional facilities required by Council.

AO13.4

For non-residential uses, changing rooms:

- a. are provided at a rate of 1 per 10 bicycle parking spaces;
- b. are fitted with a lockable door or otherwise screened from public view;
- c. are provided with shower(s), sanitary compartment(s) and wash basin(s) in accordance with the table below:

Bicycle spaces provided	Male/ Female	Change rooms required	Showers required	Sanitary compartments required	Washbasins required
1-5	Male and female	1 unisex change room	1	1 closet pan	1
6-19	Female	1	1	1 closet pan	1
20 or more	Male	1	1	1 closet pan	1
	Female	1	2, plus 1 for every 20 bicycle spaces provided thereafter	2 closet pans, plus 1 sanitary compartment for every 60 bicycle parking spaces provided thereafter	1, plus 1 for every 60 bicycle parking spaces provided thereafter

	<table border="1" data-bbox="783 203 1461 389"> <tr> <td data-bbox="879 203 963 389">Male</td> <td data-bbox="963 203 1054 389">1</td> <td data-bbox="1054 203 1166 389">2, plus 1 for every 20 bicycle spaces provided thereafter</td> <td data-bbox="1166 203 1342 389">1 urinal and 1 closet pans, plus 1 sanitary compartment at the rate of 1 closet pan or 1 urinal for every 60 bicycle space provided thereafter</td> <td data-bbox="1342 203 1461 389">1, plus 1 for every 60 bicycle parking spaces provided thereafter</td> </tr> </table> <p data-bbox="794 432 1445 479">Note - All showers have a minimum 3-star Water Efficiency Labelling and Standards (WELS) rating shower head.</p> <p data-bbox="794 506 1445 553">Note - All sanitary compartments are constructed in compliance with F2.3 (e) and F2.5 of BCA (Volume 1).</p> <p data-bbox="783 624 1453 842">d. are provided with:</p> <ul style="list-style-type: none"> <li data-bbox="847 685 1390 712">i. a mirror located above each wash basin; <li data-bbox="847 719 1453 779">ii. a hook and bench seating within each shower compartment; <li data-bbox="847 786 1453 842">iii. a socket-outlet located adjacent to each wash basin. <p data-bbox="794 913 1453 1014">Note - Change rooms may be pooled across multiple sites, residential and non-residential activities when within 100 metres of the entrance to the building and within 50 metres of bicycle parking and storage facilities</p> <p data-bbox="794 1070 1453 1249">Editor's note - The acceptable solutions for end of trip facilities prescribed under the Queensland Development Code permit a local planning instrument to prescribe facility levels higher than the default levels identified in those acceptable solutions. This acceptable outcome is an amalgamation of the default levels set for end of trip facilities in the Queensland Development Code and the additional facilities required by Council.</p>	Male	1	2, plus 1 for every 20 bicycle spaces provided thereafter	1 urinal and 1 closet pans, plus 1 sanitary compartment at the rate of 1 closet pan or 1 urinal for every 60 bicycle space provided thereafter	1, plus 1 for every 60 bicycle parking spaces provided thereafter
Male	1	2, plus 1 for every 20 bicycle spaces provided thereafter	1 urinal and 1 closet pans, plus 1 sanitary compartment at the rate of 1 closet pan or 1 urinal for every 60 bicycle space provided thereafter	1, plus 1 for every 60 bicycle parking spaces provided thereafter		
Landscaping and screening						
<p data-bbox="124 1375 197 1402">PO14</p> <p data-bbox="124 1435 743 1496">Landscaping and screening is provided in a manner that :</p> <ul style="list-style-type: none"> <li data-bbox="124 1529 751 1619">a. achieves a high level of privacy and amenity to sensitive land uses on adjoining properties and when viewed from the street; <li data-bbox="124 1653 751 1776">b. reduces the visual impact of building bulk and presence and hard surface areas on the local character and amenity of adjoining sensitive land uses and from the street; <li data-bbox="124 1809 751 1899">c. creates a secure and safe environment by incorporating key elements of crime prevention through environmental design; <li data-bbox="124 1933 711 2000">d. achieves the design principles outlined in Planning scheme policy - Integrated design. 	<p data-bbox="783 1375 1182 1402">No acceptable outcome provided.</p>					
Loading and servicing						

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<p>PO15</p> <p>Loading and servicing areas:</p> <ul style="list-style-type: none"> a. are not visible from the street frontage; b. are integrated into the design of the building; c. include screening and buffers to reduce negative impacts on adjoining sensitive land uses. 	<p>No acceptable outcome provided.</p>
<p>Waste</p>	
<p>PO16</p> <p>Bins and bin storage areas are provided, designed and managed in accordance with Planning scheme policy – Waste.</p>	<p>No acceptable outcome provided.</p>
<p>Noise</p>	
<p>PO17</p> <p>Noise generating uses do not adversely affect existing noise sensitive uses.</p> <p>Note - The use of walls, barriers or fences that are visible from or adjoin a road or public area are not appropriate noise attenuation measures unless adjoining a motorway, arterial road or rail line.</p> <p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p>	<p>No acceptable outcome provided.</p>
<p>Clearing of habitat trees where not located within the Environmental areas overlay map.</p>	
<p>PO18</p> <ul style="list-style-type: none"> a. Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected. b. Development does not result in the net loss of fauna habitat. Where development does result in the loss of habitat tree, development will provide replacement fauna nesting boxes at the following rate of 1 nest box for every hollow removed. Where hollows have not yet formed in trees > 80cm in diameter at 1.3m height, 3 nest boxes are required for every habitat tree removed. c. Development does not result in soil erosion or land degradation or leave land exposed for an unreasonable period of time but is rehabilitated in a timely manner 	<p>No acceptable outcome provided</p>

<p>Note: Further guidance on habitat trees is provided in Planning scheme policy - Environmental areas</p>	
Works criteria	
Utilities	
<p>PO19</p> <p>The development is connected to an existing reticulated electricity supply system approved by the relevant energy regulating authority.</p>	<p>AO19</p> <p>Development is connected to underground electricity.</p>
<p>PO20</p> <p>The development has access to telecommunications and broadband services in accordance with current standards.</p>	<p>No acceptable outcome provided</p>
<p>PO21</p> <p>The development provides for the treatment and disposal of sewage and other waste water in a way that will not cause environmental harm or pose a risk to public health.</p>	<p>AO21.1</p> <p>Where in a sewerage area, the development is connected to a reticulated sewerage network.</p>
	<p>AO21.2</p> <p>Where not in a sewerage area, the development is serviced by an appropriate on-site sewerage facility.</p> <p>Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.</p>
	<p>AO21.3</p> <p>Trade waste is pre-treated on-site prior to discharging into the sewerage network.</p>
<p>PO22</p> <p>The development is provided with an adequate and sustainable supply of potable (drinking and general use e.g. gardening, washing, fire fighting) water.</p>	<p>AO22.1</p> <p>Where in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is connected to the reticulated water supply system in accordance with the South East Queensland Water Supply and Sewerage Design and Construction Code and the relevant Water Service Association of Australia (WSAA) codes and standards.</p>
	<p>AO22.2</p> <p>Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water</p>

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	supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.
<p>PO23</p> <p>The development is provided with constructed and dedicated road access.</p>	No acceptable outcome provided
Access	
<p>PO24</p> <p>Where required, access easements contain a driveway and provision for services appropriate to the use. The easement covers all works associated with the access in accordance with Planning scheme policy - Integrated design.</p>	No acceptable outcome provided
<p>PO25</p> <p>The layout of the development does not compromise:</p> <ol style="list-style-type: none"> the development of the road network in the area; the function or safety of the road network; the capacity of the road network. <p>Note - The road hierarchy is mapped on Overlay map - Road hierarchy.</p>	<p>AO25.1</p> <p>The development provides for the extension of the road network in the area in accordance with Council's road network planning.</p>
	<p>AO25.2</p> <p>The development does not compromise future road widening of frontage roads in accordance with the relevant standard and Council's road planning.</p>
	<p>AO25.3</p> <p>The lot layout allows forward access to and from the site.</p>
<p>PO26</p> <p>Safe access is provided for all vehicles required to access the site.</p>	<p>AO26.1</p> <p>Site access and driveways are designed and located in accordance with:</p> <ol style="list-style-type: none"> Where for a Council-controlled road, AS/NZS2890.1 section 3; or Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval.
	<p>AO26.2</p> <p>Internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.</p>

	<p>Note - This includes queue lengths (refer to Schedule 8 Service vehicle requirements), pavement widths and construction.</p>
<p>PO27</p> <p>Upgrade works (whether trunk or non-trunk) are provided where necessary to:</p> <ol style="list-style-type: none"> ensure the type or volume of traffic generated by the development does not have a negative impact on the external road network; ensure the orderly and efficient continuation of the active transport network; ensure the site frontage is constructed to a suitable urban standard generally in accordance with Planning scheme policy - Integrated design. <p>Note - An Integrated Transport Assessment (ITA) may be required to demonstrate compliance with this performance outcome refer to Planning scheme policy - Integrated transport assessment for guidance on when an ITA is required. An ITA should be prepared in accordance with Planning scheme policy - Integrated transport assessment.</p> <p>Note - The road network is mapped on Overlay map - Road hierarchy.</p> <p>Note - The primary and secondary active transport network is mapped on Overlay map - Active transport.</p> <p>Note - To demonstrate compliance with c. of this performance outcome, site frontage works where in existing road reserve (non-trunk) are to be designed and constructed as follows:</p> <ol style="list-style-type: none"> Where the street is partially established to an urban standard, match the alignment of existing kerb and channel and provide carriageway widening and underground drainage where required; or Where the street is not established to an urban standard, prepare a design that demonstrates how the relevant features of the particular road as shown in the Planning scheme policy - Integrated Design can be achieved in the existing reserve. <p>Note - Refer to Planning scheme policy - Integrated design for road network and active transport network design standards.</p>	<p>AO26.3</p> <p>Access driveways, manoeuvring areas and loading facilities provide for service vehicles listed in Schedule 8 Service vehicle requirements for the relevant use. The on-site manoeuvring is to be in accordance with Schedule 8 Service vehicle requirements.</p> <p>No acceptable outcome provided</p>
Stormwater	
<p>PO28</p>	<p>No acceptable outcome provided</p>

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<p>Stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p> <p>Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.</p>	
<p>PO29</p> <p>Stormwater generated from the development does not compromise the capacity of existing stormwater infrastructure downstream of the site.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p>	<p>No acceptable outcome provided</p>
<p>PO30</p> <p>Stormwater quality management systems are designed and constructed to minimise the environmental impact of stormwater discharge on surface and underground receiving water quality and meet the design objectives in Tables A and B in Appendix 3 of the SPP.</p> <p>Note - A stormwater management plan prepared by a suitably qualified professional will be required in accordance with Planning scheme policy - Stormwater management.</p>	<p>No acceptable outcome provided</p>
<p>PO31</p> <p>Easements for drainage purposes are provided over:</p> <ol style="list-style-type: none"> stormwater pipes located in freehold land if the pipe diameter exceeds 300mm; overland flow paths where they cross more than one property boundary. <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	<p>No acceptable outcome provided</p>

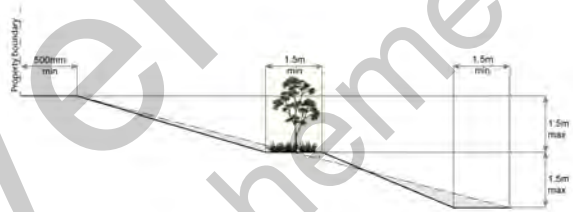
Site works and construction management	
<p>PO32</p> <p>The site and any existing structures are maintained in a tidy and safe condition.</p>	<p>No acceptable outcome provided</p>
<p>PO33</p> <p>All works on-site are managed to:</p> <ol style="list-style-type: none"> a. minimise as far as practicable, impacts on adjoining or adjacent premises and the streetscape in regard to erosion and sedimentation, dust, noise, safety and light; b. minimise as far as possible, impacts on the natural environment; c. ensure stormwater discharge is managed in a manner that does not cause nuisance or annoyance to any person or premises; d. avoid adverse impacts on street trees and their critical root zone. 	<p>AO33.1</p> <p>Works incorporate temporary stormwater runoff, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design, including but not limited to the following:</p> <ol style="list-style-type: none"> a. stormwater is not discharged to adjacent properties in a manner that differs significantly from pre-existing conditions; b. stormwater discharged to adjoining and downstream properties does not cause scour and erosion; c. stormwater discharge rates do not exceed pre-existing conditions; d. the 10% AEP storm event is the minimum design storm for all temporary diversion drains; and e. the 50% AEP storm event is the minimum design storm for all silt barriers and sedimentation basins. <p>AO33.2</p> <p>Stormwater runoff, erosion and sediment controls are constructed prior to commencement of any clearing or earthworks and are maintained and adjusted as necessary at all times to ensure their ongoing effectiveness.</p> <p>Note - The measures are adjusted on-site to maximise their effectiveness.</p> <p>AO33.3</p> <p>The completed earthworks area is stabilised using turf, established grass seeding, mulch or sprayed stabilisation techniques to control erosion and sediment and dust from leaving the property.</p> <p>AO33.4</p> <p>Where works are proposed in proximity to an existing street tree, an inspection and a root management plan is undertaken by a qualified arborist which demonstrates and ensures that no permanent damage is caused to the tree.</p>
<p>PO34</p> <p>Dust suppression measures are implemented during soil disturbances and construction works to protect nearby premises from unreasonable dust impacts.</p>	<p>A34.1</p> <p>No dust emissions extend beyond the boundaries of the site during soil disturbances and construction works.</p>

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<p>PO35</p> <p>All works on-site and the transportation of material to and from the site are managed to not negatively impact the existing road network, the amenity of the surrounding area or the streetscape.</p> <p>Note - Where the amount of imported or exported material is greater than 50m³, a haulage route must be identified and approved by Council.</p>	<p>AO35.1</p> <p>Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.</p> <p>AO35.2</p> <p>All contractor car parking is either provided on the development site, or on an alternative site in the general locality which has been set aside for car parking. Contractors vehicles are generally not to be parked in existing roads.</p> <p>Note - A Traffic Management Plan may be required for the site in accordance with the Manual of Uniform Traffic Control Devices (MUTCD).</p> <p>AO35.3</p> <p>Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.</p>
<p>PO36</p> <p>All disturbed areas are rehabilitated at the completion of construction.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p>	<p>AO36</p> <p>At completion of construction all disturbed areas of the site are to be:</p> <ol style="list-style-type: none"> topsoiled with a minimum compacted thickness of fifty (50) millimetres; grassed. <p>Note - These areas are to be maintained during any maintenance period to maximise grass coverage from grass seeding of these areas.</p>
<p>PO37</p> <p>The clearing of vegetation on-site:</p> <ol style="list-style-type: none"> is limited to the area of infrastructure works, building areas and other necessary areas for the works; and includes the removal of declared weeds and other materials which are detrimental to the intended use of the land; is disposed of in a manner which minimises nuisance and annoyance to existing premises. <p>Note - No burning of cleared vegetation is permitted.</p>	<p>AO37.1</p> <p>All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works.</p> <p>Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.</p> <p>AO37.2</p> <p>Disposal of materials is managed in one or more of the following ways:</p>

	<p>a. all cleared vegetation, declared weeds, stumps, rubbish, car bodies, scrap metal and the like are removed and disposed of in a Council land fill facility; or</p> <p>b. all native vegetation with a diameter below 400mm is to be chipped and stored on-site.</p> <p>Note - The chipped vegetation must be stored in an approved location, preferably a park or public land.</p>
<p>PO38</p> <p>Any alteration or relocation in connection with or arising from the development to any service, installation, plant, equipment or other item belonging to or under the control of the telecommunications authority, electricity authorities, the Council or other person engaged in the provision of public utility services is to be carried with the development and at no cost to Council.</p>	<p>No acceptable outcome provided</p>
Earthworks	
<p>PO39</p> <p>On-site earthworks are designed to consider the visual and amenity impact as they relate to:</p> <p>a. the natural topographical features of the site;</p> <p>b. short and long-term slope stability;</p> <p>c. soft or compressible foundation soils;</p> <p>d. reactive soils;</p> <p>e. low density or potentially collapsing soils;</p> <p>f. existing fill and soil contamination that may exist on-site;</p> <p>g. the stability and maintenance of steep rock slopes and batters;</p> <p>h. excavation (cut) and fill and impacts on the amenity of adjoining lots (e.g. residential).</p> <p>Note - Filling or excavation works are to be completed within six months of the commencement date.</p>	<p>AO39.1</p> <p>All cut and fill batters are provided with appropriate scour, erosion protection and run-off control measures including catch drains at the top of batters and lined batter drains as necessary.</p> <p>AO39.2</p> <p>Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance of steep rock slopes and batters.</p> <p>AO39.3</p> <p>Inspection and certification of steep rock slopes and batters is required by a suitably qualified and experienced RPEQ.</p> <p>AO39.4</p> <p>All filling or excavation is contained on-site.</p> <p>AO39.5</p> <p>All fill placed on-site is:</p> <p>a. limited to that required for the necessary approved use;</p> <p>b. clean and uncontaminated (i.e. no building waste, concrete, green waste or contaminated material etc. is used as fill).</p>

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	<p>AO39.6</p> <p>The site is prepared and the fill placed on-site in accordance with AS3798.</p> <p>Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures.</p>
<p>PO40</p> <p>Embankments are stepped, terraced and landscaped to not adversely impact on the visual amenity of the surrounding area.</p>	<p>AO40</p> <p>Any embankments more than 1.5 metres in height are stepped, terraced and landscaped.</p> <p>Figure - Embankment</p> 
<p>PO41</p> <p>Filling or excavation is undertaken in a manner that:</p> <ol style="list-style-type: none"> does not adversely impact on a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land; does not preclude reasonable access to a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land for monitoring, maintenance or replacement purposes. <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>	<p>AO41.1</p> <p>No filling or excavation is undertaken in an easement issued in favour of Council or a public sector entity.</p> <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p> <hr/> <p>AO41.2</p> <p>Filling or excavation that would result in any of the following is not carried out on-site:</p> <ol style="list-style-type: none"> a reduction in cover over any Council or public sector entity infrastructure service to less than 600mm; an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the earthworks being undertaken. <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>
<p>PO42</p> <p>Filling or excavation does not result in land instability.</p> <p>Note - Steep rock slopes and batters are inspected and certified for long-term stability by a suitably qualified and experienced geotechnical engineer with RPEQ qualifications. Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance.</p>	<p>No acceptable outcome provided</p>

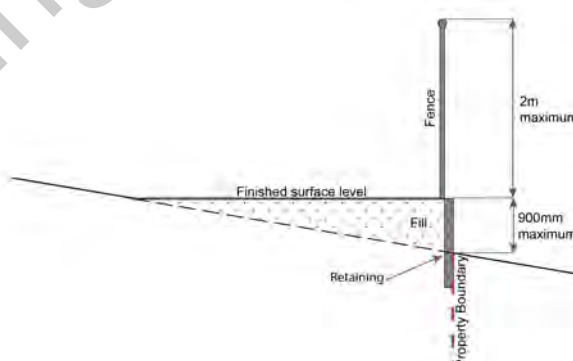
<p>PO43</p> <p>Development does not result in</p> <ol style="list-style-type: none"> adverse impacts on the hydrological and hydraulic capacity of the waterway or floodway; increased flood inundation outside the site; any reduction in the flood storage capacity in the floodway; and any clearing of native vegetation. <p>Note - To demonstrate compliance with this outcome, Planning Scheme Policy - Stormwater Management provides guidance on the preparation of a site based stormwater management plan by a suitably qualified professional. Refer to Planning scheme policy - Integrated design for guidance on infrastructure design and modelling requirements.</p>	<p>No acceptable outcome provided.</p>
Retaining walls and structures	
<p>PO44</p> <p>All earth retaining structures provide a positive interface with the streetscape and minimise impacts on the amenity of adjoining residents.</p>	<p>AO44</p> <p>Earth retaining structures:</p> <ol style="list-style-type: none"> are not constructed of boulder rocks or timber; where height is no greater than 900mm, are provided in accordance with Figure - Retaining on a boundary; <p style="text-align: center;">Figure - Retaining on boundary</p>  <ol style="list-style-type: none"> where height is greater than 900mm but no greater than 1.5m, are to be setback at least the equivalent height of the retaining structure from any property boundary; where height is greater than 1.5m, are to be setback and stepped 1.5m vertical: 1.5m horizontal, terraced, landscaped and drained as shown below.

Figure - Cut

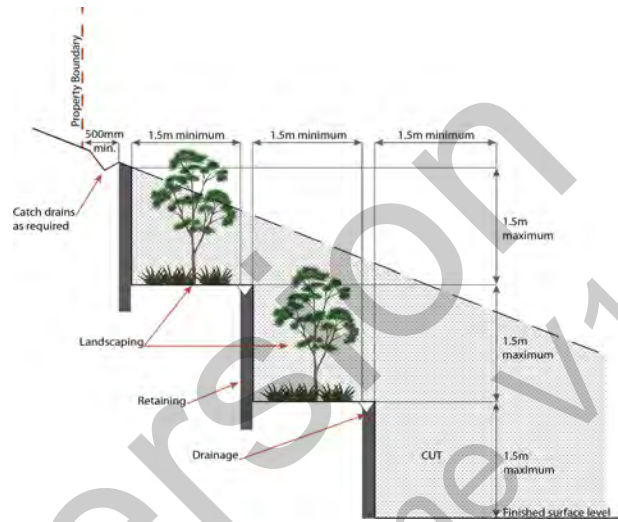
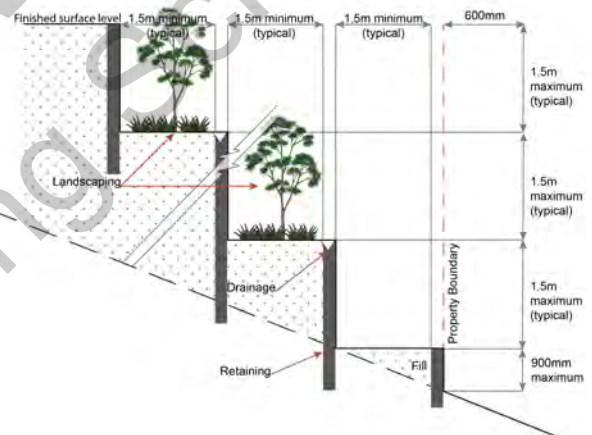


Figure - Fill



Fire Services

Note - The provisions under this heading only apply if:

- a. the development is for, or incorporates:
 - i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or
 - ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or
 - iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or
 - iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials.

AND

- b. none of the following exceptions apply:
 - i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or
 - ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site.

Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.

PO45

Development incorporates a fire fighting system that:

- a. satisfies the reasonable needs of the fire fighting entity for the area;
- b. is appropriate for the size, shape and topography of the development and its surrounds;
- c. is compatible with the operational equipment available to the fire fighting entity for the area;
- d. considers the fire hazard inherent in the materials comprising the development and their proximity to one another;
- e. considers the fire hazard inherent in the surrounds to the development site;
- f. is maintained in effective operating order.

Note - The Queensland Fire and Emergency Services is the entity currently providing the fire fighting function for the urban areas of the Moreton Bay Region.

AO45.1

External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of *Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations*.

Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005) that may be applicable:

- a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative;
- b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005);
- c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that:
 - i. for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings;
 - ii. for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans;
 - iii. for outdoor sales⁽⁵⁴⁾, processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities;
- d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and, where applicable, Part 3.6.

AO45.2

A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:

- a. an unobstructed width of no less than 3.5m;
- b. an unobstructed height of no less than 4.8m;
- c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance;
- d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.

AO45.3

On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in *Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment*.

PO46**AO46**

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<p>On-site fire hydrants that are external to buildings, as well as the available fire fighting appliance access routes to those hydrants, can be readily identified at all times from, or at, the vehicular entry point to the development site.</p>	<p>For development that contains on-site fire hydrants external to buildings:</p> <ol style="list-style-type: none"> a. those external hydrants can be seen from the vehicular entry point to the site; or b. a sign identifying the following is provided at the vehicular entry point to the site: <ol style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager's office (where provided); v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points. <p>Note - The sign prescribed above, and the graphics used are to be:</p> <ol style="list-style-type: none"> a. in a form; b. of a size; c. illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>
<p>PO47</p> <p>Each on-site fire hydrant that is external to a building is signposted in a way that enables it to be readily identified at all times by the occupants of any firefighting appliance traversing the development site.</p>	<p>AO47</p> <p>For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavement markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads.</p> <p>Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.</p>
<p>Use specific criteria</p>	
<p>Caretaker's accommodation ⁽¹⁰⁾</p>	
<p>PO48</p> <p>Development for a Caretaker's accommodation⁽¹⁰⁾:</p>	<p>AO48</p> <p>Caretaker's accommodation⁽¹⁰⁾:</p>

<ul style="list-style-type: none"> a. does not compromise the productivity of the use; b. is domestic in scale; c. provides adequate car parking provisions exclusive to the primary use of the site; d. is safe for the residents; e. has regards to the landscape and private recreation needs of the resident. 	<ul style="list-style-type: none"> a. has a maximum GFA of 80m²; b. no more than 1 caretaker's accommodation⁽¹⁰⁾ is established per site; c. does not gain access from a separate driveway to the main use on the site; d. provides a minimum 16m² of private open space directly accessible from a habitable room; e. provides car parking in accordance with Schedule 7 - Car parking.
Club ⁽¹⁴⁾	
<p>PO49</p> <p>Development will be of a low scale and intensity that;</p> <ul style="list-style-type: none"> a. maintains its subordinate function and nexus to the motor sport facility⁽⁴⁸⁾; b. does not interfere with operation of the motor sport facility⁽⁴⁸⁾. 	No acceptable outcome provided.
Food and drink outlet ⁽²⁸⁾	
<p>PO50</p> <p>Development does not involve the use of a drive-through facility.</p>	No acceptable outcome provided.
Major electricity infrastructure ⁽⁴³⁾ , Substation ⁽⁸⁰⁾ and Utility installation ⁽⁸⁶⁾	
<p>PO51</p> <p>The development does not have an adverse impact on the visual amenity of a locality and is:</p> <ul style="list-style-type: none"> a. high quality design and construction; b. visually integrated with the surrounding area; c. not visually dominant or intrusive; d. located behind the main building line; e. below the level of the predominant tree canopy or the level of the surrounding buildings and structures; f. camouflaged through the use of colours and materials which blend into the landscape; g. treated to eliminate glare and reflectivity; h. landscaped; i. otherwise consistent with the amenity and character of the zone and surrounding area. 	<p>AO51.1</p> <p>Development is designed to minimise surrounding land use conflicts by ensuring infrastructure, buildings, structures and other equipment:</p> <ul style="list-style-type: none"> a. are enclosed within buildings or structures; b. are located behind the main building line; c. have a similar height, bulk and scale to the surrounding fabric; d. have horizontal and vertical articulation applied to all exterior walls. <p>AO51.2</p> <p>A minimum 3m wide strip of dense planting is provided around the outside of the fenced area, between the development and street frontage, side and rear boundaries.</p>
<p>PO52</p> <p>Infrastructure does not have an impact on pedestrian health and safety.</p>	<p>AO52</p> <p>Access control arrangements:</p>

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	<ul style="list-style-type: none"> a. do not create dead-ends or dark alleyways adjacent to the infrastructure; b. minimise the number and width of crossovers and entry points; c. provide safe vehicular access to the site; d. do not utilise barbed wire or razor wire.
<p>PO53</p> <p>All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility:</p> <ul style="list-style-type: none"> a. generates no audible sound at the site boundaries where in a residential setting; or b. meet the objectives as set out in the Environmental Protection (Noise) Policy 2008. 	<p>AO53</p> <p>All equipment which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure noise emissions meet the objectives as set out in the Environmental Protection (Noise) Policy 2008.</p>
Motor sport facility ⁽⁴⁸⁾	
<p>PO54</p> <p>Development will:</p> <ul style="list-style-type: none"> a. ensure safety of people and property; b. minimise amenity impacts including noise nuisance to sensitive land uses; c. minimise noise impacts on wildlife outside of daylight hours; d. ensure development is consistent with objectives setout in Planning scheme policy - Noise. 	No acceptable outcome provided.
Telecommunications facility ⁽⁸¹⁾	
<p>Editor's note - In accordance with the Federal legislation Telecommunications facilities ⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3Khz to 300Ghz.</p>	
<p>PO55</p> <p>Telecommunications facilities ⁽⁸¹⁾ are co-located with existing telecommunications facilities ⁽⁸¹⁾, Utility installation ⁽⁸⁶⁾, Major electricity infrastructure ⁽⁴³⁾ or Substation ⁽⁸⁰⁾ if there is already a facility in the same coverage area.</p>	<p>AO55.1</p> <p>New telecommunication facilities ⁽⁸¹⁾ are co-located on existing towers with new equipment shelter and associated structures positioned adjacent to the existing shelters and structures.</p>
	<p>AO55.2</p> <p>If not co-located with an existing facility, all co-location opportunities have been investigated and fully exhausted within a 2km radius of the site.</p>
PO56	AO56

<p>A new Telecommunications facility⁽⁸¹⁾ is designed and constructed to ensure co-masting or co-siting with other carriers both on the tower or pole and at ground level is possible in the future.</p>	<p>A minimum of 45m² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.</p>
<p>PO57</p> <p>Telecommunications facilities⁽⁸¹⁾ do not conflict with lawful existing land uses both on and adjoining the site.</p>	<p>AO57</p> <p>The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.</p>
<p>PO58</p> <p>The Telecommunications facility⁽⁸¹⁾ does not have an adverse impact on the visual amenity of a locality and is:</p> <ul style="list-style-type: none"> a. high quality design and construction; b. visually integrated with the surrounding area; c. not visually dominant or intrusive; d. located behind the main building line; e. below the level of the predominant tree canopy or the level of the surrounding buildings and structures; f. camouflaged through the use of colours and materials which blend into the landscape; g. treated to eliminate glare and reflectivity; h. landscaped; i. otherwise consistent with the amenity and character of the zone and surrounding area. 	<p>AO58.1</p> <p>Where in an urban area, the development does not protrude more than 5m above the level of the existing treeline, prominent ridgeline or building rooftops in the surrounding townscape.</p>
	<p>AO58.2</p> <p>In all other areas towers do not exceed 35m in height.</p>
	<p>AO58.3</p> <p>Towers, equipment shelters and associated structures are of a design, colour and material to:</p> <ul style="list-style-type: none"> a. reduce recognition in the landscape; b. reduce glare and reflectivity.
	<p>AO58.4</p> <p>All structures and buildings are setback behind the main building line and a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.</p> <p>Where there is no established building line the facility is located at the rear of the site.</p>
	<p>AO58.5</p> <p>The facility is enclosed by security fencing or by other means to ensure public access is prohibited.</p>
	<p>AO58.6</p> <p>A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the facility and street frontage and adjoining uses.</p> <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p>

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	Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person, to ensure compliance with Planning scheme policy - Integrated design.
<p>PO59</p> <p>Lawful access is maintained to the site at all times that does not alter the amenity of the landscape or surrounding uses.</p>	<p>AO59</p> <p>An Access and Landscape Plan demonstrates how 24 hour vehicular access will be obtained and maintained to the facility in a manner that is appropriate to the site's context.</p>
<p>PO60</p> <p>All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility generates no audible sound at the site boundaries where in a residential setting.</p>	<p>AO60</p> <p>All equipment comprising the Telecommunications facility⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.</p>
<p>Values and constraints criteria</p>	
<p>Note - The relevant values and constraints criteria do not apply where the development, the subject of the application, is associated and consistent with, and subsequent to a current Development permit for Reconfiguring a lot or Material change of use, where that approval, under this or a superseded planning scheme, has considered and addressed (e.g. through a development footprint plan or similar, or conditions of approval) the identified value or constraint under this planning scheme.</p>	
<p>Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)</p>	
<p>Note - To demonstrate achievement of the performance outcome, an Acid sulfate soils (ASS) investigation report and soil management plan is prepared by a qualified engineer. Guidance for the preparation an ASS investigation report and soil management plan is provided in Planning scheme policy - Acid sulfate soils.</p>	
<p>PO61</p> <p>Development avoids disturbing acid sulfate soils. Where development disturbs acid sulfate soils, development:</p> <ol style="list-style-type: none"> is managed to avoid or minimise the release of surface or groundwater flows containing acid and metal contaminants into the environment; protects the environmental and ecological values and health of receiving waters; protects buildings and infrastructure from the effects of acid sulfate soils. 	<p>AO61</p> <p>Development does not involve:</p> <ol style="list-style-type: none"> excavation or otherwise removing of more than 100m³ of soil or sediment where below than 5m Australian Height datum AHD; or filling of land of more than 500m³ of material with an average depth of 0.5m or greater where below the 5m Australian Height datum AHD.
<p>Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)</p>	
<p>Note - To demonstrate achievement of the performance outcomes, a bushfire management plan is prepared by a suitably qualified person. Guidance for the preparation of a bushfire management plan is provided in Planning scheme policy – Bushfire hazard areas.</p>	
<p>Note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.</p>	

<p>PO62</p> <p>Development:</p> <ul style="list-style-type: none"> a. minimises the number of buildings and people working and living on a site exposed to bushfire risk; b. ensures the protection of life during the passage of a fire front; c. is located and designed to increase the chance of survival of buildings and structures during a bushfire; d. minimises bushfire risk from build up of fuels around buildings and structures; e. ensure safe and effective access for emergency services during a bushfire. 	<p>AO62.1</p> <p>Buildings and structures are:</p> <ul style="list-style-type: none"> a. not located on a ridgeline; b. not located on land with a slope greater than 15% (see Overlay map - Landslide hazard (for land having a slope greater than 15%)); c. dwellings are located on east to south facing slopes. <hr/> <p>AO62.2</p> <p>Buildings and structures have contained within the site:</p> <ul style="list-style-type: none"> a. a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; b. a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; c. a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures; d. an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and e. an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%: <ul style="list-style-type: none"> i. to, and around, each building and other roofed structure; and ii. to each fire fighting water supply extraction point. <p>Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959</p>
<p>PO63</p> <p>Development and associated driveways and access ways:</p> <ul style="list-style-type: none"> a. avoid potential for entrapment during a bushfire; b. ensure safe and effective access for emergency services during a bushfire; c. enable safe evacuation for occupants of a site during a bushfire. 	<p>AO63</p> <p>A length of driveway:</p> <ul style="list-style-type: none"> a. to a road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; b. has a maximum gradient no greater than 12.5%; c. have a minimum width of 3.5m; d. accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
<p>PO64</p>	<p>AO64</p>

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<p>Development provides an adequate water supply for fire-fighting purposes.</p>	<ul style="list-style-type: none"> a. a reticulated water supply is provided by a distributor retailer for the area or; b. where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is located within 10m of buildings and structures. c. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access is provided to within 3m of that water storage source. d. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ul style="list-style-type: none"> i. a hardstand area allowing medium rigid vehicles (15 tonne fire appliance) access within 6m of the tank; ii. fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 200mm (minimum) to accommodate suction lines.
<p>PO65</p> <p>Development:</p> <ul style="list-style-type: none"> a. does not present unacceptable risk to people or environment due to the impact of bushfire on dangerous goods or combustible liquids; b. does not present danger or difficulty to emergency services for emergency response or evacuation. <p>Editor's note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.</p>	<p>AO65</p> <p>Development does not involve the manufacture or storage of hazardous chemicals.</p>
<p>Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)</p> <p>Note – The following are exempt from the native vegetation clearing provisions of this planning scheme:</p> <ul style="list-style-type: none"> a. Clearing of native vegetation located within an approved development footprint; b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; 	

- g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;
- h. Grazing of native pasture by stock;
- i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development

Note - Definition for native vegetation is located in Schedule 1 Definitions.

Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.

Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.

Note - To demonstrate achievement of the performance outcome, an ecological assessment, vegetation management plan and fauna management plan, as required, are prepared by a suitably qualified person. Guidance for the preparation of above mentioned reports is provided in Planning scheme policy - Environmental areas.

Vegetation clearing, ecological value and connectivity

PO66

Development avoids locating in a High Value Area or a Value Offset Area. Where it is not practicable or reasonable for development to avoid establishing in these areas, development must ensure that:

- a. the quality and integrity of the biodiversity and ecological values inherent to a High Value Area and a Value Offset Area is maintained and not lost or degraded;
- b. on-site mitigation measures, mechanisms or processes are in place demonstrating the quality and integrity of the biodiversity and ecological values inherent to a High Value Area and a Value Offset Area area maintained. For example, this can be achieved through replacement, restoration or rehabilitation planting as part of any proposed covenant, the development of a Vegetation Management Plan, a Fauna Management Plan, and any other on-site mitigation options identified in the Planning scheme policy - Environmental areas*.

* Editor's note - This is not a requirement for an environmental offset under the Environmental Offsets Act 2014.

No acceptable outcome provided.

PO67

Development provides for safe, unimpeded, convenient and ongoing wildlife movement and establishes and maintains habitat connectivity by:

- a. retaining habitat trees;
- b. providing contiguous patches of habitat;

No acceptable outcome provided.

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<ul style="list-style-type: none"> c. provide replacement and rehabilitation planting to improve connectivity; d. avoiding the creation of fragmented and isolated patches of habitat; e. providing wildlife movement infrastructure. <p>Editor's note - Wildlife movement infrastructure may include refuge poles, tree boulevarding, 'stepping stone' vegetation plantings, tunnels, appropriate wildlife fencing; culverts with ledges, underpasses, overpasses, land bridges and rope bridges. Further information is provided in Planning scheme policy – Environmental areas.</p>	
<p>Vegetation clearing and habitat protection</p>	
<p>PO68</p> <p>Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected.</p>	<p>No acceptable outcome provided.</p>
<p>PO69</p> <p>Development does not result in the net loss or degradation of habitat value in a High Value Area or a Value Offset Area. Where development does result in the loss or degradation of habitat value, development will:</p> <ul style="list-style-type: none"> a. rehabilitate, revegetate, restore and enhance an area to ensure it continues to function as a viable and healthy habitat area; b. provide replacement fauna nesting boxes in the event of habitat tree loss in accordance with Planning scheme policy - Environmental areas; c. undertake rehabilitation, revegetation and restoration in accordance with the South East Queensland Ecological Restoration Framework. 	<p>No acceptable outcome provided.</p>
<p>PO70</p> <p>Development ensures safe, unimpeded, convenient and ongoing wildlife movement and habitat connectivity by:</p> <ul style="list-style-type: none"> a. providing contiguous patches of habitat; b. avoiding the creation of fragmented and isolated patches of habitat; c. providing wildlife movement infrastructure; d. providing replacement and rehabilitation planting to improve connectivity. 	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and soil resource stability</p>	
<p>PO71</p> <p>Development does not:</p>	<p>No acceptable outcome provided.</p>

<ul style="list-style-type: none"> a. result in soil erosion or land degradation; b. leave cleared land exposed for an unreasonable periods of time but is rehabilitated in a timely manner. 	
Vegetation clearing and water quality	
<p>PO72</p> <p>Development maintains or improves the quality of groundwater and surface water within, and downstream, of a site by:</p> <ul style="list-style-type: none"> a. ensuring an effective vegetated buffers and setbacks from waterbodies is retained to achieve natural filtration and reduce sediment loads; b. avoiding or minimising changes to landforms to maintain hydrological water flows; c. adopting suitable measures to exclude livestock from entering a waterbody where a site is being used for animal husbandry⁽⁴⁾ and animal keeping⁽⁵⁾ activities. 	No acceptable outcome provided.
<p>PO73</p> <p>Development minimises adverse impacts of stormwater run-off on water quality by:</p> <ul style="list-style-type: none"> a. minimising flow velocity to reduce erosion; b. minimising hard surface areas; c. maximising the use of permeable surfaces; d. incorporating sediment retention devices; e. minimising channelled flow. 	No acceptable outcome provided.
Vegetation clearing and access, edge effects and urban heat island effects	
<p>PO74</p> <p>Development retains safe and convenient public access in a manner that does not result in the adverse edge effects or the loss or degradation of biodiversity values within the environment.</p>	No acceptable outcomes provided.
<p>PO75</p> <p>Development minimises potential adverse 'edge effects' on ecological values by:</p> <ul style="list-style-type: none"> a. providing dense planting buffers of native vegetation between a development and environmental areas; b. retaining patches of native vegetation of greatest possible size where located between a development and environmental areas ; c. restoring, rehabilitating and increasing the size of existing patches of native vegetation; 	No acceptable outcome provided.

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<p>d. ensuring that buildings and access (public and vehicle) are setback as far as possible from environmental areas and corridors;</p> <p>e. landscaping with native plants of local origin.</p> <p>Editor's note - Edge effects are factors of development that go to detrimentally affecting the composition and density of natural populations at the fringe of natural areas. Factors include weed invasion, pets, public and vehicle access, nutrient loads, noise and light pollution, increased fire frequency and changes in the groundwater and surface water flow.</p>	
<p>PO76</p> <p>Development avoids adverse microclimate change and does not result in increased urban heat island effects. Adverse urban heat island effects are minimised by:</p> <p>a. pervious surfaces;</p> <p>b. providing deeply planted vegetation buffers and green linkage opportunities;</p> <p>c. landscaping with local native plant species to achieve well-shaded urban places;</p> <p>d. increasing the service extent of the urban forest canopy.</p>	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and Matters of Local Environmental Significance (MLES) environmental offsets</p>	
<p>PO77</p> <p>Where development results in the unavoidable loss of native vegetation within a Value Offset Area MLES waterway buffer or a Value Offset Area MLES wetland buffer, an environmental offset is required in accordance with the environmental offset requirements identified in Planning scheme policy - Environmental areas.</p> <p>Editor's note - For MSES Koala Offsets, State Planning Regulatory Provision environmental offset provisions apply.</p>	<p>No acceptable outcome provided.</p>
<p>Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)</p> <p>Note - To assist in demonstrating achievement of heritage performance outcomes, a Cultural heritage impact assessment report is prepared by a suitably qualified person verifying the proposed development is in accordance with The Australia ICOMOS Burra Charter.</p> <p>Note - To assist in demonstrating achievement of this performance outcome, a Tree assessment report is prepared by a qualified arborist in accordance with Planning scheme policy – Heritage and landscape character. The Tree assessment report will also detail the measures adopted in accordance with AS 4970-2009 Protection of trees on development sites.</p> <p>Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.</p>	

<p>PO78</p> <p>Development will:</p> <ol style="list-style-type: none"> not diminish or cause irreversible damage to the cultural heritage values present on the site, and associated with a heritage site, object or building; protect the fabric and setting of the heritage site, object or building; be consistent with the form, scale and style of the heritage site, object or building; utilise similar materials to those existing, or where this is not reasonable or practicable, neutral materials and finishes; incorporate complementary elements, detailing and ornamentation to those present on the heritage site, object or building; retain public access where this is currently provided. 	<p>AO78</p> <p>Development is for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value.</p> <p>Note - A cultural heritage conservation management plan for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value is prepared in accordance with Planning scheme policy - Heritage and landscape character. The plan is sent to, and approved by Council prior to the commencement of any preservation, maintenance, repair and restoration works.</p>
<p>PO79</p> <p>Demolition and removal is only considered where:</p> <ol style="list-style-type: none"> a report prepared by a suitably qualified conservation architect or conservation engineer demonstrates that the building is structurally unsound and is not reasonably capable of economic repair; or demolition is confined to the removal of outbuildings, extensions and alterations that are not part of the original structure; or limited demolition is performed in the course of repairs, maintenance or restoration; or demolition is performed following a catastrophic event which substantially destroys the building or object. 	<p>No acceptable outcome provided.</p>
<p>PO80</p> <p>Where development is occurring on land adjoining a site of cultural heritage value, the development is to be sympathetic to and consistent with the cultural heritage values present on the site and not result in their values being eroded, degraded or unreasonably obscured from public view.</p>	<p>No acceptable outcome provided.</p>
<p>PO81</p> <p>Development does not adversely impact upon the health and vitality of significant trees. Where development occurs in proximity to a significant tree, construction measures and techniques as detailed in AS 4970-2009 Protection of trees on development sites are adopted to ensure a significant tree's health, wellbeing and vitality.</p>	<p>AO81</p> <p>Development does:</p> <ol style="list-style-type: none"> not result in the removal of a significant tree; not occur within 20m of a protected tree; involve pruning of a tree in accordance with Australian Standard AS 4373-2007 – Pruning of Amenity Trees.

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<p>Significant trees are only removed where they are in a poor state of health or where they pose a health and safety risk to persons or property. A Tree Assessment report prepared by a suitably qualified arborist confirming a tree's state of health is required to demonstrate achievement of this performance outcome.</p>	
<p>Landslide (refer Overlay map - Landslide hazard to determine if the following assessment criteria apply)</p> <p>Note - To demonstrate achievement of the performance outcomes, a site-specific geotechnical assessment report is prepared by a qualified engineer. Guidance for the preparation of a geotechnical assessment report is provided in Planning scheme policy – Landslide hazard.</p>	
<p>PO82</p> <p>Development:</p> <ol style="list-style-type: none"> maintains the safety of people and property on a site and neighbouring sites from landslides; ensures the long-term stability of the site considering the full nature and end use of the development; ensures site stability during all phases of construction and development; minimises disturbance of natural drainage patterns of the site and does not result in the redirection or alteration of the existing flow if surface or groundwater minimises adverse visual impacts on the amenity of adjoining residents and provides a positive interface with the streetscape. 	<p>AO82</p> <p>Development does not:</p> <ol style="list-style-type: none"> involve earthworks exceeding 50m³; involve cut and fill having a height greater than 600mm; involve any retaining wall having a height greater than 600mm; redirect or alter the existing flow of surface or groundwater.
<p>PO83</p> <p>Buildings are designed to respond to sloping topography in the siting, design and form of buildings and structures by:</p> <ol style="list-style-type: none"> minimising overuse of cut and fill to create single flat pads and benching; avoiding expanses of retaining walls, loss of trees and vegetation and interference with natural drainage systems; minimising any adverse visual impact on the landscape character ; Protect the amenity of adjoining properties. 	<p>AO83</p> <p>Buildings, excluding domestic outbuildings:</p> <ol style="list-style-type: none"> are split-level, multiple-slab, pier or pole construction; are not single plane slab on ground.
<p>PO84</p> <p>Development protects the safety of people, property and the environment from the impacts of landslide on hazardous chemicals manufactured, handled or stored by incorporating design measures to ensure:</p> <ol style="list-style-type: none"> the long-term stability of the development site considering the full nature and end use of the development; 	<p>AO84</p> <p>Development does not involve the manufacture, handling or storage of hazardous chemicals.</p>

<p>b. site stability during all phases of construction and development;</p> <p>c. the development is not adversely affected by landslide activity originating on sloping land above the site;</p> <p>d. emergency access and access from the site for the public and emergency vehicles is available and is not at risk from landslide.</p>	
<p>Infrastructure buffers (refer Overlay map - Infrastructure buffers to determine if the following assessment criteria apply)</p>	
<p>PO85</p> <p>Development within a Water supply buffer captures solid or liquid waste from all land use, development and activities is designed, constructed and managed to prevent the release of contaminants to surface water or groundwater bodies.</p>	<p>AO85.1</p> <p>Run-off and sediment from roadways and impervious surfaces within a Water supply buffer are intercepted and treated on-site to remove oil, grease, chemicals, silt, trace metals and nutrients such as nitrogen and phosphorous.</p> <p>AO85.2</p> <p>Incineration or burial of waste within a Water supply buffer is not undertaken onsite.</p> <p>AO85.3</p> <p>Solid waste within a Water supply buffer is collected and stored in weather proof, sealed waste receptacles, located in roofed and bunded areas, for disposal by a licenced contractor.</p> <p>AO85.4</p> <p>Holding tanks within a Water supply buffer are used for all liquid waste and provide for the separation of oils/solvents and solids prior to pump-out and collection by a licenced contractor.</p> <p>AO85.5</p> <p>Management, handling and storage of hazardous chemicals (including fuelling of vehicles) within a Water supply buffer, is undertaken in secured, climate controlled, weather proof, level and bunded enclosures.</p>
<p>PO86</p> <p>On-site sewerage systems within a Water supply buffer are designed and operated to ensure there is no worsening or adverse impacts to health risks, environmental risks and water quality.</p> <p>Editor's Note - For guidance refer to the Seq water Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.</p>	<p>AO86</p> <p>Secondary treated wastewater treatment systems within a Water supply buffer include:</p> <p>a. emergency storage capable of holding 3-6 hours peak flow of treated effluent in the event of emergencies or overload with provision for de-sludging;</p> <p>b. back up pump installation and backup power;</p>

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	<ul style="list-style-type: none"> c. MEDLI modelling to determine irrigation rates and sizing of irrigation areas; d. vegetated land application areas are not located in overland flow paths or on areas that perform groundwater recharge or discharge functions; and e. wastewater collection and storage systems have a capacity to accommodate full load at peak times and includes temporary facilities.
<p>PO87</p> <p>Development within a Bulk water supply infrastructure buffer is located, designed and constructed to:</p> <ul style="list-style-type: none"> a. protect the integrity of the water supply pipeline; b. maintain adequate access for any required maintenance or upgrading work to the water supply pipeline; 	<p>AO87</p> <p>Development:</p> <ul style="list-style-type: none"> a. does not involve the construction of any buildings or structures within a Bulk water supply infrastructure buffer; b. involving a major hazard facility or environmentally relevant activity (ERA) is setback 30m from a Bulk water supply infrastructure buffer.
<p>PO88</p> <p>Development is located and designed to maintain required access to Bulk water supply infrastructure.</p>	<p>AO88</p> <p>Development does not restrict access to Bulk water supply infrastructure of any type or size, having regard to (among other things):</p> <ul style="list-style-type: none"> a. buildings or structures; b. gates and fences; c. storage of equipment or materials; d. landscaping or earthworks or stormwater or other infrastructure.
<p>Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)</p> <p>Note - The applicable river and creek flood planning levels associated with defined flood event (DFE) within the inundation area can be obtained by requesting a flood check property report from Council.</p>	
<p>PO89</p> <p>Development:</p> <ul style="list-style-type: none"> a. minimises the risk to persons from overland flow; b. does not increase the potential for damage from overland flow either on the premises or other premises, public land, watercourses, roads or infrastructure. 	<p>No acceptable outcome provided.</p>
<p>PO90</p> <p>Development:</p> <ul style="list-style-type: none"> a. maintains the conveyance of overland flow predominantly unimpeded through the premises 	<p>AO90</p> <p>No acceptable outcome provided.</p>

<p>for any event up to and including the 1% AEP for the fully developed upstream catchment;</p> <p>b. does not concentrate, intensify or divert overland flow onto an upstream, downstream or surrounding property.</p> <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow.</p>	
<p>PO91</p> <p>Development does not:</p> <p>a. directly, indirectly or cumulatively cause any increase in overland flow velocity or level;</p> <p>b. increase the potential for flood damage from overland flow either on the premises or other premises, public lands, watercourses, roads or infrastructure.</p> <p>Note - Open concrete drains greater than 1m in width are not an acceptable outcome, nor are any other design options that may increase scouring.</p>	<p>No acceptable outcome provided.</p>
<p>PO92</p> <p>Development ensures that public safety and the risk to the environment are not adversely affected by a detrimental impact of overland flow on a hazardous chemical located or stored on the premises.</p>	<p>AO92</p> <p>Development ensures that a hazardous chemical is not located or stored in an Overland flow path area.</p> <p>Note - Refer to the Work Health and Safety Act 2011 and associated Regulation and Guidelines, the Environmental Protection Act 1994 and the relevant building assessment provisions under the Building Act 1975 for requirements related to the manufacture and storage of hazardous substances.</p>
<p>PO93</p> <p>Development which is not in a Rural zone ensures that overland flow is not conveyed from a road or public open space onto a private lot.</p>	<p>AO93</p> <p>Development which is not in a Rural zone that an overland flow paths and drainage infrastructure is provided to convey overland flow from a road or public open space area away from a private lot.</p>
<p>PO94</p> <p>Development ensures that inter-allotment drainage infrastructure, overland flow paths and open drains through private property cater for overland flows for a fully developed upstream catchment and are able to be easily maintained.</p>	<p>AO94.1</p> <p>Development ensures that roof and allotment drainage infrastructure is provided in accordance with the following relevant level as identified in QUDM:</p> <p>a. Urban area – Level III;</p> <p>b. Rural area – N/A;</p>

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<p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>	<p>c. Industrial area – Level V; d. Commercial area – Level V.</p> <p>AO94.2</p> <p>Development ensures that inter-allotment drainage infrastructure is designed to accommodate any event up to and including the 1% AEP for the fully developed upstream catchment.</p>
<p>PO95</p> <p>Development protects the conveyance of overland flow such that an easement for drainage purposes is provided over:</p> <ol style="list-style-type: none"> a stormwater pipe if the nominal pipe diameter exceeds 300mm; an overland flow path where it crosses more than one premises; inter-allotment drainage infrastructure. <p>Note - Refer to Planning scheme policy - Integrated design for details and examples.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	<p>No acceptable outcome provided.</p>
<p>Additional criteria for development for a Park⁽⁵⁷⁾</p>	
<p>PO96</p> <p>Development for a Park⁽⁵⁷⁾ ensures that the design and layout responds to the nature of the overland flow affecting the premises such that:</p> <ol style="list-style-type: none"> public benefit and enjoyment is maximised; impacts on the asset life and integrity of park structures is minimised; maintenance and replacement costs are minimised. 	<p>AO96</p> <p>Development for a Park⁽⁵⁷⁾ ensures works are provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.</p>
<p>Riparian and wetland setbacks</p>	
<p>PO97</p> <p>Development provides and maintains a suitable setback from waterways and wetlands that protects natural and environmental values. This is achieved by recognising and responding to the following matters:</p> <ol style="list-style-type: none"> impact on fauna habitats; impact on wildlife corridors and connectivity; 	<p>AO97</p> <p>Development does not occur within:</p> <ol style="list-style-type: none"> 50m from top of bank for W1 waterway and drainage line 30m from top of bank for W2 waterway and drainage line

<ul style="list-style-type: none"> c. impact on stream integrity; d. impact of opportunities for revegetation and rehabilitation planting; e. edge effects. 	<ul style="list-style-type: none"> c. 20m from top of bank for W3 waterway and drainage line d. 100m from the edge of a Ramsar wetland, 50m from all other wetlands. <p>Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>
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Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)

Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code

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6.2.2.5 Special use precinct

6.2.2.5.1 Purpose – Special use precinct

1. The Special use precinct comprises a number of community based uses including, but not limited to emergency services, Shaftsbury citizen centre, Woodford correctional centre, tourist attractions, cemeteries, and building and facilities associated with religious groups. The purpose of the code will be achieved through the following overall outcomes for the Special use precinct:
 - a. Development supports the continued use of the precinct in appropriate locations for artistic, cultural and social community activities and emergency services.
 - b. Development is designed and operated to provide a high level of amenity and maintains the safety of people and property through crime prevention through environmental design principles (CPTED).
 - c. Development is of a scale, height and bulk that provides a high level of amenity and is sensitive to the character of the surrounding area.
 - d. Markets⁽⁴⁶⁾ and outdoor entertainment events are temporary or periodic in nature, and of a scale and intensity where any adverse impacts on the surrounds are mitigated and internalised to the site. Markets⁽⁴⁶⁾ and outdoor events do not adversely impact on the safe and efficient operation of the external road network.
 - e. General works associated with the development achieves the following:
 - i. new development is provided with a high standard of services to meet and support the current and future needs of users of the site, including roads, street lighting services, telecommunications and reticulated electricity (underground wherever possible), water and sewerage (where available);
 - ii. the development manages stormwater to:
 - A. ensure the discharge of stormwater does not adversely affect the quality, environmental values or ecosystem functions of downstream receiving waters;
 - B. prevent stormwater contamination and the release of pollutants;
 - C. maintain or improve the structure and condition of drainage lines and riparian areas;
 - D. avoid off-site adverse impacts from stormwater.
 - iii. the development does not result in unacceptable impacts on the capacity and safety of the external road network;
 - iv. the development ensures the safety, efficiency and useability of access ways and parking areas;
 - v. site works including earthworks are managed to be safe and have minimal impacts on adjoining or adjacent premises, the streetscape or the environment.
 - f. Activities associated with the use do not cause a nuisance by way of aerosols, fumes, light, noise, odour, particles or smoke.
 - g. Noise generating uses are designed, sited and constructed to minimise the transmission of noise to appropriate levels and do not cause environmental harm or nuisance.
 - h. Noise sensitive uses are designed, sited and constructed so as not to be subject to unacceptable levels of noise.
 - i. Development in a Water supply buffer is undertaken in a manner which contributes to the maintenance and enhancement where possible of water quality to protect the drinking water and aquatic ecosystem environmental values in those catchments.
 - j. Development avoids areas subject to constraint, limitation, or environmental value. Where development cannot avoid these identified areas, it responds by:
 - i. adopting a 'least risk, least impact' approach when designing, siting and locating development in any area subject to a constraint, limitation or environmental value to minimise the potential risk to people, property and the environment;
 - ii. ensuring no further instability, erosion or degradation of the land, water or soil resource;

- iii. when located within a Water buffer area, complying with the Water Quality Vision and Objectives contained in the Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.
- iv. maintaining, restoring and rehabilitating environmental values, including natural, ecological, biological, aquatic, hydrological and amenity values, and enhancing these values through the provision of planting and landscaping, and facilitating safe wildlife movement and connectivity through:
 - A. the provision of replacement, restoration, rehabilitation planting and landscaping;
 - B. the location, design and management of development to avoid or minimise adverse impacts on ecological systems and processes;
 - C. the requiring of environmental offsets in accordance with the Environmental Offsets Act 2014.
- v. protecting native species and protecting and enhancing species habitat;
- vi. protecting and preserving the natural, aesthetic, architectural historic and cultural values of significant trees, places, objects and buildings of heritage and cultural significance;
- vii. establishing effective separation distances, buffers and mitigation measures associated with identified infrastructure to minimise adverse effects on sensitive land uses from odour, noise, dust and other nuisance generating activities;
- viii. establishing, maintaining and protecting appropriate buffers to waterways, wetlands, native vegetation and significant fauna habitat;
- ix. ensuring it promotes and does not undermine the ongoing viability, integrity, operation, maintenance and safety of identified infrastructure;
- x. ensuring effective and efficient disaster management response and recovery capabilities;
- xi. where located in an overland flow path:
 - A. development siting, built form, layout and access responds to the risk presented by the overland flow and minimises risk to personal safety;
 - B. development is resilient to the impacts of overland flow by ensuring the siting and design accounts for the potential risks to property associated with the overland flow;
 - C. development does not impact on the conveyance of the overland flow for any event up to and including the 1% AEP for the fully developed upstream catchment;
 - D. development directly, indirectly and cumulatively avoid an increase in the severity of overland flow and potential for damage on the premises or other premises, public lands, watercourses, roads or infrastructure.

- j. Development in the Special use precinct includes one or more of the following:

<ul style="list-style-type: none"> • Caretaker's accommodation⁽¹⁰⁾ • Cemetery⁽¹²⁾ - if involving the extension of an existing Cemetery or located on Council or State owned land • Community use⁽¹⁷⁾ 	<ul style="list-style-type: none"> • Emergency services⁽²⁵⁾ - if located on Council or State owned land • Tourist attraction⁽⁸³⁾ - if located on Lot 3 SP256486 [Caboolture Historical Village] or located on Lot3 SP136818, Lot 28 SL6772 or Lot 5 S31161[North Pine Country Park] 	<ul style="list-style-type: none"> • Tourist park⁽⁸⁴⁾ - if involving extension to an existing Tourist park⁽⁸⁴⁾ • Transport depot⁽⁸⁵⁾ (if in accordance with a Council Master Plan approved under Council policy) • Telecommunication facilities⁽⁸¹⁾
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- k. Development in the Special use precinct does not include any of the following:

<ul style="list-style-type: none"> • Adult store⁽¹⁾ • Agricultural supplies store⁽²⁾ 	<ul style="list-style-type: none"> • Hospital⁽³⁶⁾ • Hotel⁽³⁷⁾ 	<ul style="list-style-type: none"> • Retirement facility⁽⁶⁷⁾ • Roadside stall⁽⁶⁸⁾
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<ul style="list-style-type: none"> • Air services⁽³⁾ • Animal husbandry⁽⁴⁾ • Animal keeping⁽⁵⁾ • Aquaculture⁽⁶⁾ • Bar⁽⁷⁾ • Brothel⁽⁸⁾ • Bulk landscape supplies⁽⁹⁾ • Car wash⁽¹¹⁾ • Cemetery⁽¹²⁾ (if not located on Council or State owned land) • Club⁽¹⁴⁾ • Community care centre⁽¹⁵⁾ • Community residence⁽¹⁶⁾ • Crematorium⁽¹⁸⁾ (where within 500m of a sensitive land use or a residential dwelling) • Cropping⁽¹⁹⁾ • Detention facility⁽²⁰⁾ • Dual occupancy⁽²¹⁾ • Dwelling house⁽²²⁾ • Dwelling unit⁽²³⁾ • Environmental facility⁽²⁶⁾ • Extractive industry⁽²⁷⁾ • Function facility⁽²⁹⁾ • Garden centre⁽³¹⁾ • Hardware and trade supplies⁽³²⁾ • Health care services⁽³³⁾ • High Impact industry⁽³⁴⁾ • Home based business⁽³⁵⁾ 	<ul style="list-style-type: none"> • Indoor sport and recreation⁽³⁸⁾ • Intensive animal industry⁽³⁹⁾ • Intensive horticulture⁽⁴⁰⁾ • Landing⁽⁴¹⁾ • Low impact industry⁽⁴²⁾ • Major electricity infrastructure⁽⁴³⁾ • Major sport, recreation and entertainment facility⁽⁴⁴⁾ • Marine industry⁽⁴⁵⁾ • Medium impact industry⁽⁴⁷⁾ • Motor sport facility⁽⁴⁸⁾ • Multiple dwelling⁽⁴⁹⁾ • Nature-based tourism⁽⁵⁰⁾ • Nightclub entertainment facility⁽⁵¹⁾ • Non-resident workforce accommodation⁽⁵²⁾ • Office⁽⁵³⁾ • Outdoor sales⁽⁵⁴⁾ • Outdoor sport and recreation⁽⁵⁵⁾ • Parking station⁽⁵⁸⁾ • Permanent plantation⁽⁵⁹⁾ • Port services⁽⁶¹⁾ • Relocatable home park⁽⁶²⁾ • Renewable energy facility⁽⁶³⁾ • Research and technology industry⁽⁶⁴⁾ • Residential care facility⁽⁶⁵⁾ • Resort complex⁽⁶⁶⁾ 	<ul style="list-style-type: none"> • Rooming accommodation⁽⁶⁹⁾ • Rural industry⁽⁷⁰⁾ • Rural workers' accommodation⁽⁷¹⁾ • Sales office⁽⁷²⁾ • Service industry⁽⁷³⁾ • Service station⁽⁷⁴⁾ • Shop⁽⁷⁵⁾ • Shopping centre⁽⁷⁶⁾ • Short-term accommodation⁽⁷⁷⁾ • Showroom⁽⁷⁸⁾ • Special industry⁽⁷⁹⁾ • Theatre⁽⁸²⁾ • Tourist attraction⁽⁸³⁾ (if not located on Lot 3 SP256486 [Caboolture Historical Village] or Located on Lot3 SP136818, Lot 28 SL6772 or Lot 5 S31161[North Pine Country Park]) • Tourist park⁽⁸⁴⁾ (if not involving the extension of an existing Tourist Park⁽⁸⁴⁾) • Transport depot⁽⁸⁵⁾ (if not located on Council or State owned land) • Veterinary services⁽⁸⁷⁾ • Warehouse⁽⁸⁸⁾ • Wholesale nursery⁽⁸⁹⁾ • Winery⁽⁹⁰⁾
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- I. Development not listed in the tables above may be considered on its merits and where it reflects and supports the outcomes of the zone.

6.2.2.5.2 Criteria for assessment

To determine if development is self-assessable, development must comply with the self-assessable acceptable outcomes set out in Part I, Table 6.2.2.5.1. Where development does not meet a self-assessable acceptable outcome (SAO) of the relevant criteria Part I, Table 6.2.2.5.1, assessment is against the corresponding performance outcome (PO) identified in the table below. This only occurs whenever a SAO is not met, and is therefore limited to the subject matter of the SAOs that are not complied with. To remove any doubt, for those SAOs that are complied with, there is no need for assessment against the corresponding PO.

Self-assessable acceptable outcomes (SAO)	Corresponding performance outcomes (PO)
SAO1	PO4
SAO2	PO1
SAO3	PO3
SAO4	PO7
SAO5	PO12
SAO6	PO16
SAO7	PO8-PO11
SAO8	PO8-PO11
SAO9	PO5
SAO10	PO19
SAO11	PO21-PO26
SAO12	PO24
SAO13	PO25
SAO14	PO30
SAO15	PO30
SAO16	PO32
SAO17	PO34
SAO18	PO36
SAO19	PO37
SAO20	PO39
SAO21	PO41
SAO22	PO42
SAO23	PO39
SAO24	PO43
SAO25	PO43-PO48
SAO26	PO47
SAO27	PO49
SAO28	PO49
SAO29	PO49
SAO30	PO50

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SAO31	PO51
SAO32	PO52
SAO33	PO52
SAO34	PO52
SAO35	PO52
SAO36	PO52
SAO37	PO58
SAO38	PO59
SAO39	PO60
SAO40	PO60
SAO41	PO61
SAO42	PO60
SAO43	PO62
SAO45	PO67
SAO46	PO67
SAO47	PO68
SAO48	PO69
SAO49	PO70
SAO50	PO71-PO82
SAO51	PO71-PO82
SAO52	PO83
SAO53	PO84
SAO54	PO84
SAO55	PO85-PO86
SAO56	PO85-PO86
SAO57	PO88
SAO58	PO88
SAO59	PO88
SAO60	PO89
SAO61	PO90
SAO62	PO91
SAO63	PO92
SAO64	PO93
SAO65	PO93
SAO66	PO96
SAO67	PO94

SAO68	PO94
SAO69	PO93
SAO70	PO93
SAO71	PO95
SAO72	PO95
SAO73	PO97
SAO74	PO98
SAO75	PO100-PO102, PO104-PO106
SAO76	PO100-PO102, PO104-PO106
SAO77	PO100-PO102
SAO78	PO103
SAO79	PO107
SAO80	PO108

Part I - Criteria for self-assessable development - Special use precinct

Table 6.2.2.5.1 Self-assessable development - Special use precinct

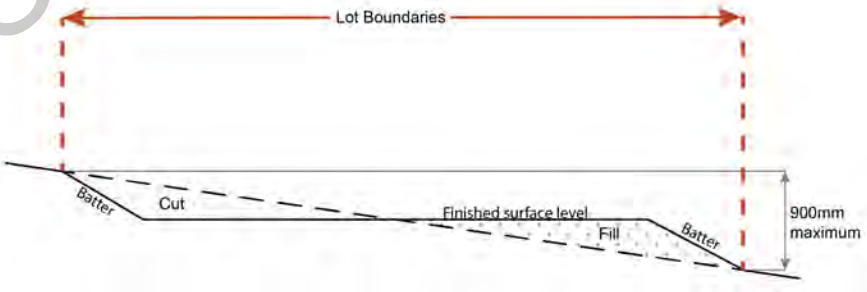
Self-assessable acceptable outcomes	
General criteria	
Building setbacks	
SAO1	Buildings and structures are setback as follows: <ul style="list-style-type: none"> a. road frontage - 6m b. side boundary - 3m c. rear boundary - 3m
Building height	
SAO2	Building height does not exceed the maximum height identified on Overlay map - Building heights.
Site cover	
SAO3	Site cover does not exceed 40%.
Lighting	
SAO4	Artificial lighting on-site is directed and shielded in such a manner as not to exceed the recommended maximum values of light technical parameters for the control of obtrusive light given in Table 2.1 of Australian Standard AS 4282 (1997) Control of Obtrusive Effects of Outdoor Lighting. Note - "Curfewed hours" are taken to be those hours between 10pm and 7am on the following day.
Car parking	

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SAO5	On-site car parking is provided in accordance with Schedule 7 - Car parking.
Waste	
SAO6	Bins and bin storage areas are provided, designed and managed in accordance with Planning scheme policy – Waste.
Hazardous chemicals	
SAO7	All development that involves the storage or handling of hazardous chemicals listed in Schedule 9, Development involving hazardous chemicals, Table 9.0.1 Hazardous Chemicals Self-Assessable Thresholds complies with Schedule 9, Table 9.0.3 Hazardous Chemicals Self-Assessable Criteria.
SAO8	Development does not involve the storage or handling of hazardous chemicals listed in Schedule 9, Development involving hazardous chemicals, Table 9.0.2 Hazardous Chemicals Assessable Thresholds.
Building on sloping land	
SAO9	<p>Building and site design on slope between 10% and 15%:</p> <ol style="list-style-type: none"> use split-level, multiple-slab, pier or pole construction; avoid single-plane slabs and benching; and ensure the height of any cut or fill, whether retained or not, does not exceed 900mm. <p>Note - This provision does not apply to outbuildings or any building works.</p> <p>Note - This provision does not apply where a development footprint exists for a lot.</p>
Clearing of habitat trees where not located in the Environmental areas overlay map.	
SAO10	<p>Development does not result in the damaging, destroyed or clearing of a habitat tree. This does not apply to:</p> <ol style="list-style-type: none"> Clearing of a habitat tree located within an approved development footprint; Clearing of a habitat tree within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; Clearing of a habitat tree reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; Clearing of a habitat tree reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural , Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; Clearing of a habitat tree reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; Clearing of a habitat tree in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; Clearing of a habitat tree associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; Native forest practice where exempt under Part 1, 1.7.7 Exempt development.

	Editor's note - A native tree measuring greater than 80cm in diameter when measured at 1.3m from the ground is recognised as a 'habitat tree'. For further information on habitat trees, refer to Planning scheme policy – Environmental areas and corridors. Information detailing how this measurement is undertaken is provided in Australian Standard AS 4970 2009 Protection of Trees on Development Sites - Appendix A.
Works criteria	
Utilities	
SAO11	Where available, the development is connected to: <ul style="list-style-type: none"> a. an existing reticulated electricity supply; b. telecommunications and broadband; c. reticulated sewerage; d. reticulated water; e. constructed and dedicated road.
SAO12	Where not in a sewered area, the development is serviced by an appropriate on-site sewerage facility. <p>Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.</p>
SAO13	Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.
Access	
SAO14	Any new or changes to existing site access and driveways are designed and located in accordance with: <ul style="list-style-type: none"> a. Where for a Council-controlled road, AS/NZS2890.1 section 3; or b. Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval.
SAO15	Any new or changes to existing internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.
Stormwater	
SAO16	Any new or changes to existing stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises in accordance with Planning scheme policy – Integrated design. <p>Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.</p>
SAO17	Development incorporates a minimum of 2% of the site area constructed as a bioretention system in accordance with Planning scheme policy – Integrated design if the development: <ul style="list-style-type: none"> a. is for urban purposes only;

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	<p>b. involves a land area greater than 2500m²;</p> <p>c. will result in 6 or more dwellings;</p> <p>OR</p> <p>will result in an impervious area greater than 25% of the net developable area;</p>
Site works and construction management	
SAO18	The site and any existing structures are to be maintained in a tidy and safe condition.
SAO19	Site construction works incorporate temporary stormwater run-off, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design.
SAO20	Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.
SAO21	<p>All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works.</p> <p>Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.</p>
SAO22	Any damage to Council land or infrastructure is repaired or replaced with the same materials, prior to plan sealing, or final building classification.
SAO23	Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.
Earthworks	
SAO24	<p>The site is prepared and the fill placed on-site in accordance with Australian Standard AS3798.</p> <p>Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures</p>
SAO25	<p>The total of all cut and fill on-site does not exceed 900mm in height.</p> <p style="text-align: center;">Figure - Cut and fill</p>  <p>Note - This is site earthworks not building work.</p>
SAO26	Filling or excavation does not result in:

	<p>a. a reduction in cover over any Council or public sector entity infrastructure to less than 600mm;</p> <p>b. an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the filling or excavation works being undertaken.</p> <p>Note - Public sector entity is defined in the Sustainable Planning Act 2009.</p>
<p>Fire services</p> <p>Note - The provisions under this heading only apply if:</p> <p>a. the development is for, or incorporates:</p> <ul style="list-style-type: none"> i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials. <p>AND</p> <p>b. none of the following exceptions apply:</p> <ul style="list-style-type: none"> i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site. <p>Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.</p>	
<p>SAO27</p>	<p>External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of <i>Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations</i>.</p> <p>Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005):</p> <ul style="list-style-type: none"> a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative; b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005); c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that: <ul style="list-style-type: none"> i. - for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings; ii. - for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans; iii. - for outdoor sales⁽⁵⁴⁾ processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities; and d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and where applicable, Part 3.6.
<p>SAO28</p>	<p>A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:</p>

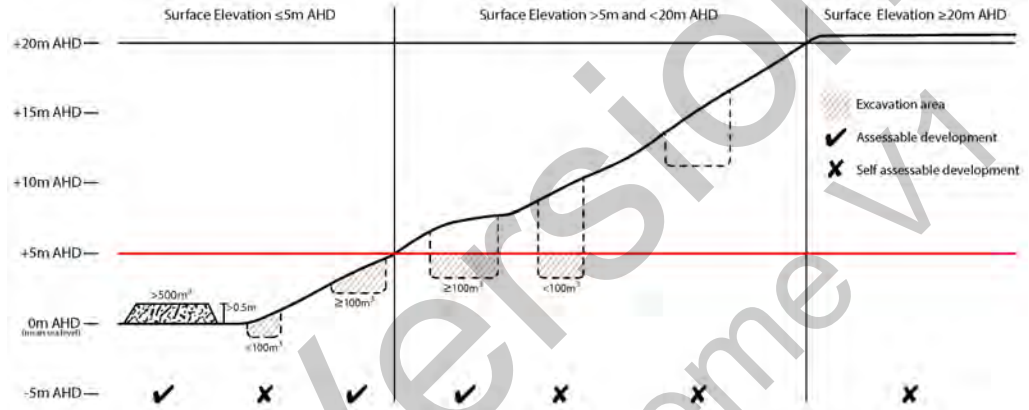
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	<ul style="list-style-type: none"> a. an unobstructed width of no less than 3.5m; b. an unobstructed height of no less than 4.8m; c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance; d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.
SAO29	On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in <i>Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment</i> .
SAO30	<p>For development that contains on-site fire hydrants external to buildings:</p> <ul style="list-style-type: none"> a. those external hydrants can be seen from the vehicular entry point to the site; or b. a sign identifying the following is provided at the vehicular entry point to the site: <ul style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager's office (where provided); v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points. <p>Note - The sign prescribed above, and the graphics used are to be:</p> <ul style="list-style-type: none"> a. in a form; b. of a size; c. illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>
SAO31	<p>For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavements markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads.</p> <p>Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.</p>
Use specific criteria	
Caretaker's accommodation ⁽¹⁰⁾	
SAO32	Caretaker's accommodation ⁽¹⁰⁾ has a maximum GFA of 80m ² .
SAO33	No more than 1 caretaker's accommodation ⁽¹⁰⁾ is established per site.
SAO34	Does not gain access from a separate driveway to the main use on the site.
SAO35	Includes a minimum 16m ² of private open space directly accessible from a habitable room.

SAO36	Provide car parking in accordance with Schedule 7 - Car parking.
Telecommunications facility ⁽⁸¹⁾	
Editor's note - In accordance with the Federal legislation Telecommunications facilities ⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3Khz to 300Ghz.	
SAO37	A minimum of 45m ² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.
SAO38	The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.
SAO39	Equipment shelters and associated structures are located: <ul style="list-style-type: none"> a. directly beside the existing equipment shelter and associated structures; b. behind the main building line; c. further away from the frontage than the existing equipment shelter and associated structures; d. a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.
SAO40	Equipment shelters and other associated structures are either the same type of colour or material to match the surrounding locality.
SAO41	The facility is enclosed by security fencing or by other means to ensure public access is prohibited.
SAO42	A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the development and street frontage and adjoining uses. <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p> <p>Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person to ensure compliance with Planning scheme policy - Integrated design.</p>
SAO43	All equipment comprising the telecommunications facility ⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.
Values and constraints criteria	
Note - The relevant values and constraints criteria do not apply where the development, the subject of the application, is associated and consistent with, and subsequent to a current Development permit for Reconfiguring a lot or Material change of use, where that approval, under this or a superseded planning scheme, has considered and addressed (e.g. through a development footprint plan or similar, or conditions of approval) the identified value or constraint under this planning scheme.	
Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)	
Note - Planning scheme policy - Acid sulfate soils provides guidance for self-assessable development that has the potential to disturb acid sulfate soils i.e. development involving filling or excavation works below the thresholds of 100m ³ and 500m ³ respectively.	

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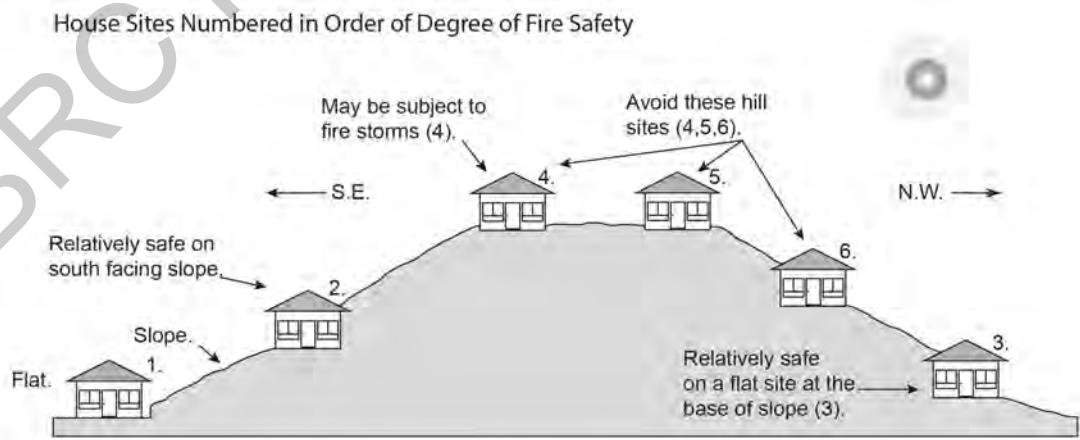
SAO44	<p>Development does not involve:</p> <ol style="list-style-type: none"> a. excavation or otherwise removing of more than 100m³ of soil or sediment where below 5m Australian Height Datum AHD, or b. filling of land of more than 500m³ of material with an average depth of 0.5m or greater where below the 5m AHD.
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Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)

Note - For the purposes of section 12 of the Building Regulation 2006, land identified as very high potential bushfire intensity, high potential bushfire intensity, medium potential bushfire intensity or potential impact buffer on the Bushfire hazard areas overlay map is the 'designated bushfire hazard area'. AS 3959-2009 Construction of buildings in bushfire hazard areas applies within these areas.

SAO45	<ol style="list-style-type: none"> a. Building and structures are: <ol style="list-style-type: none"> i. not located on a ridgeline ii. not located on land with a slope greater than 15% (see Overlay map – Landslide hazard (for land having a slope greater than 15%)) b. Dwellings are located on east to south facing slopes.
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(1 being the safest , 6 being the most hazardous.)
 From Bushfire Prone Areas: Siting and Design of Residential Buildings (1997), Queensland Department of Local Government and Planning, and Queensland Fire & Rescue Service.

SAO46	<p>Buildings and structures have contained within the site:</p> <ol style="list-style-type: none"> a. a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; b. a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; c. a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures; d. an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and e. an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%: <ol style="list-style-type: none"> i. to, and around, each building and other roofed structure; and ii. to each fire fighting water supply extraction point. <p>Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959.</p>
SAO47	<p>The length of driveway:</p> <ol style="list-style-type: none"> a. to a public road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; b. has a maximum gradient no greater than 12.5%; c. have a minimum width of 3.5m; d. accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
SAO48	<ol style="list-style-type: none"> a. A reticulated water supply is provided by a distributor retailer for the area or, where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is provided and located within 10m of buildings and structures. b. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access to within 3m of that water storage source is provided. c. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ol style="list-style-type: none"> i. a hardstand area allowing medium rigid vehicle (15 tonne fire appliance) access within 6m of the tank; ii. fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 20mm (minimum) to accommodate suction lines.
SAO49	<p>Development does not involve the manufacture or storage of hazardous chemicals.</p>
<p>Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)</p> <p>Note - The following are exempt from the native clearing provisions of this planning scheme:</p> <ol style="list-style-type: none"> a. Clearing of native vegetation located within an approved development footprint; 	

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- b. Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency;
- c. Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure;
- d. Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence;
- e. Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes;
- f. Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council;
- g. Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;
- h. Grazing of native pasture by stock;
- i. Native forest practice where exempt under Part 1, 1.7.7 Exempt development.

Note - Definition for native vegetation is located in Schedule 1 Definitions.

Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.

Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.

Editors' Note - When clearing native vegetation within a MSES area, you may still require approval from the State government.

SAO50	<p>Where no suitable land cleared of native vegetation exists, clearing of native vegetation in a High Value Area or Value Area is for the purpose of a new dwelling house⁽²²⁾ or extension to an existing dwelling house⁽²²⁾ only on lots less than 750m².</p> <p>Editor's note - See in heading above for other uses exempt from native vegetation clearing requirements.</p> <p>Editor's note - Where self-assessable vegetation clearance is being undertaken, care should be undertaken to avoid adverse impacts on koalas, koala habitat values and habitat connectivity and to encourage existing koala usage of the site. Measures to minimise impacts include:</p> <ul style="list-style-type: none"> i. co-locating all associated activities, infrastructure and access strips; ii. be the least valued area of koala habitat on the site; iii. minimise the footprint of the development envelope area; iv. minimise edge effects to areas external to the development envelope; v. location and design consideration to ensure koala safety and movement in accordance with the Koala-sensitive Design Guideline and Planning scheme policy – Environmental areas; vi. sufficient area between the development and koala habitat trees to achieve their long-term viability. <p>Editor's note - Where self-assessable vegetation clearing is being undertaken, consideration should be given to avoid clearing habitat trees. Habitat trees may contain structural hollows where animals live, breed and shelter. The provision of nest boxes or salvaging of hollows will provide compensatory roosting and nesting opportunities for local wildlife including sugar gliders, possums and owls. For further information see Planning scheme policy – Environmental areas.</p>
SAO51	<p>No clearing of native vegetation is to occur within the Value Offset Area MLES - Waterway buffer or Value Offset Area MLES - Wetland buffer.</p>

	<p>This does not apply to the following:</p> <ol style="list-style-type: none"> Clearing of native vegetation located within an approved development footprint; Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental management and conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; Grazing of native pasture by stock; Native forest practice where exempt under Part 1, 1.7.7 Exempt development.
<p>Extractive resources transport routes (refer Overlay map - Extractive resources (transport route and buffer) to determine if the following assessment criteria apply)</p>	
<p>SAO52</p>	<p>The following uses are not located within the 100m wide transport route buffer:</p> <ol style="list-style-type: none"> Caretaker's accommodation⁽¹⁰⁾, except where located in the Extractive industry zone; Community residence⁽¹⁶⁾; Dual occupancy⁽²¹⁾; Dwelling house⁽²²⁾; Dwelling unit⁽²³⁾; Hospital⁽³⁶⁾; Rooming accommodation⁽⁶⁹⁾; Multiple dwelling⁽⁴⁹⁾; Non-resident workforce accommodation⁽⁵²⁾; Relocatable home park⁽⁶²⁾; Residential care facility⁽⁶⁵⁾; Resort complex⁽⁶⁶⁾; Retirement facility⁽⁶⁷⁾; Rural workers' accommodation⁽⁷¹⁾; Short-term accommodation⁽⁷⁷⁾; Tourist park⁽⁸⁴⁾.
<p>SAO53</p>	<p>Except for an existing vacant lot, development does not create a new vehicle access point onto an Extractive resources transport route.</p>
<p>SAO54</p>	<p>A vehicle access point is located, designed and constructed in accordance with Planning scheme policy - Integrated design.</p>
<p>Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)</p> <p>Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.</p>	

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<p>SAO55</p>	<p>Development is for the preservation, maintenance, repair and restoration of the site, object or building.</p> <p>This does not apply to Listed item 99, in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p> <p>Note - Preservation, maintenance, repair and restoration are defined in Schedule 1 - Definitions</p>
<p>SAO56</p>	<p>A cultural heritage conservation management plan is prepared in accordance with Planning scheme policy – Heritage and landscape character and submitted to Council prior to the commencement of any preservation, maintenance, repair and restoration works. Any preservation, maintenance, repair and restoration works are in accordance with the Council approved cultural heritage conservation management plan.</p> <p>This does not apply to Listed item 99 in Schedule 1 - List of sites, objects and buildings of significant historical and cultural value of Planning scheme policy - Heritage and landscape character.</p>
<p>SAO57</p>	<p>Development does not result in the removal of or damage to any significant tree identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character.</p>
<p>SAO58</p>	<p>The following development does not occur within 20m of the base of any significant tree, identified on Overlay map – Heritage and landscape character and listed in Appendix 2 of Planning scheme policy – Heritage and landscape character:</p> <ul style="list-style-type: none"> a. construction of any building; b. laying of overhead or underground services; c. any sealing, paving, soil compaction; d. any alteration of more than 75mm to the ground level prior to work commencing.
<p>SAO59</p>	<p>Pruning of a significant tree occurs in accordance with Australian Standard AS 4373-2007 - Pruning of Amenity Trees.</p>
<p>Landslide - land having a slope greater 15% (refer Overlay map - Landslide hazard - land having a slope greater 15% to determine if the following assessment criteria apply)</p>	
<p>SAO60</p>	<p>Development does not:</p> <ul style="list-style-type: none"> a. involve earthworks exceeding 50m³; b. involve cut and fill having a height greater than 600mm; c. involve any retaining wall having a height greater than 600mm; d. redirect or alter the existing flow of surface or groundwater.
<p>SAO61</p>	<p>Buildings, excluding domestic outbuildings:</p> <ul style="list-style-type: none"> a. are split-level, multiple-slab, pier or pole construction; b. are not single plane slab on ground.
<p>SAO62</p>	<p>Development does not involve the manufacture, handling or storage of hazardous chemicals.</p>
<p>Infrastructure buffers (refer Overlay map - Infrastructure buffers to determine if the following assessment criteria apply)</p>	
<p>SAO63</p>	<p>Development does not include the following uses within a Wastewater treatment plant buffer:</p> <ul style="list-style-type: none"> a. Caretaker's accommodation⁽¹⁰⁾; b. Community residence⁽¹⁶⁾; c. Dual occupancy⁽²¹⁾;

	<ul style="list-style-type: none"> d. Dwelling house⁽²²⁾; e. Dwelling unit⁽²³⁾; f. Hospital⁽³⁶⁾; g. Rooming accommodation⁽⁶⁹⁾; h. Multiple dwelling⁽⁴⁹⁾; i. Non-resident workforce accommodation⁽⁵²⁾; j. Relocatable home park⁽⁶²⁾; k. Residential care facility⁽⁶⁵⁾; l. Resort complex⁽⁶⁶⁾; m. Retirement facility⁽⁶⁷⁾; n. Rural workers' accommodation⁽⁷¹⁾; o. Short-term accommodation⁽⁷⁷⁾; p. Tourist park⁽⁸⁴⁾.
SAO64	Development within a Water supply buffer does not include the incineration or burial of waste and all other waste is collected and stored in weather proof, sealed waste receptacles, located in roofed and bunded areas, for disposal by a licenced contractor.
SAO65	Management, handling and storage of hazardous chemicals (including fuelling of vehicles) within a Water supply buffer, is undertaken in secured, climate controlled, weather proof, level and bunded enclosures.
SAO66	Development does not restrict access to Bulk water supply infrastructure of any type or size, having regard to (among other things): <ul style="list-style-type: none"> a. buildings or structures; b. gates and fences; c. storage of equipment or materials; d. landscaping or earthworks or stormwater or other infrastructure.
SAO67	On-site sewerage facilities in a Water supply buffer produce a minimum secondary treated effluent (90th percentile) and effluent application to ensure water quality is maintained and protected.
SAO68	On-site sewerage facilities in a Water supply buffer for a dwelling house ⁽²²⁾ include: <ul style="list-style-type: none"> a. emergency storage capacity of 1,000 litres and adequate buffering for shock loading/down time; b. a reserve land application area of 100% of the effluent irrigation design area; c. land application areas that are vegetated; d. the base of the land application field is at least 2 metres above the seasonal high water table/bedrock (whichever is the closest to the base of the application area); e. wastewater collection and storage systems must have capacity to accommodate full load at peak times.
SAO69	On-site sewerage facilities in a Water supply buffer for development other than a dwelling house include emergency storage capable of holding 3-6 hours peak flow of treated effluent in the event of emergencies/overload with provision for de-sludging.
SAO70	Development involving Permanent plantation ⁽⁵⁹⁾ within a Water supply buffer maintains a minimum of 30% ground cover at all times.
SAO71	Development does not involve the construction of any buildings or structures within a Bulk water supply infrastructure buffer.
SAO72	Development involving a major hazard facility or an Environmentally Relevant Activity (ERA) is setback 30m from a Bulk water supply infrastructure buffer.

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<p>SAO73</p>	<p>Development does not include the following uses located within a landfill site buffer:</p> <ul style="list-style-type: none"> a. caretaker's accommodation⁽¹⁰⁾; b. community residence⁽¹⁶⁾; c. dual occupancy⁽²¹⁾; d. dwelling house⁽²²⁾; e. dwelling unit⁽²³⁾; f. hospital⁽³⁶⁾; g. rooming accommodation⁽⁶⁹⁾; h. multiple dwelling⁽⁴⁹⁾; i. non-resident workforce accommodation⁽⁵²⁾; j. relocatable home park⁽⁶²⁾; k. residential care facility⁽⁶⁵⁾; l. resort complex⁽⁶⁶⁾; m. retirement facility⁽⁶⁷⁾; n. rural workers' accommodation⁽⁷¹⁾; o. short term accommodation⁽⁷⁷⁾; p. tourist park⁽⁸⁴⁾.
<p>SAO74</p>	<p>Development does not involve the construction of any buildings or structures containing habitable rooms or sensitive land uses within a High voltage electricity line buffer.</p>
<p>Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)</p>	
<p>SAO75</p>	<p>Development for a material change of use or building work does not involve the construction of a building or structure in an Overland flow path area.</p>
<p>SAO76</p>	<p>Development for a material change of use or operational work does not impede the flow of flood waters through the premises or worsen flood flows to other premises.</p> <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>
<p>SAO77</p>	<p>Development for a material change of use or building work ensures that fencing in an overland flow path area is at least 50% permeable.</p>
<p>SAO78</p>	<p>Development for a material change of use or building work that involves a hazardous chemical ensures the hazardous chemicals is not located within an overland flow path area.</p>
<p>SAO79</p>	<p>Development for a material change of use or building work for a Park⁽⁵⁷⁾ ensures that work is provided in accordance with the requirements set out in Appendix B of the Planning scheme policy</p> <ul style="list-style-type: none"> - Integrated design.
<p>Riparian and wetland setbacks (refer Overlay map - Riparian and wetland setback to determine if the following assessment criteria apply)</p> <p>Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>	
<p>SAO80</p>	<p>No development is to occur within:</p> <ul style="list-style-type: none"> a. 50m from top of bank for W1 waterway and drainage line

	<p>b. 30m from top of bank for W2 waterway and drainage line</p> <p>c. 20m from top of bank for W3 waterway and drainage line</p> <p>d. 100m from the edge of a Ramsar wetland, 50m from all other wetlands.</p> <p>Note - W1, W2 and W3 waterways and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p> <p>Note - In some cases, the top of bank may not be easily defined, as such a hydraulic measurement may be applied instead. Moreton Bay Regional Council will provide further direction on how to determine and locate the setback boundary in these locations.</p> <p>Note - The minimum setback distance applies to the each side of waterway.</p>
<p>Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)</p> <p>Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code</p>	

Part H — Criteria for assessable development - Special use precinct

Where development is code assessable development in the Table of Assessment, the assessment criteria for that development are set out in Part H, Table 6.2.2.5.2.

Where development is impact assessable, the assessment criteria becomes the whole of the planning scheme.

Table 6.2.2.5.2 Assessable development - Special use precinct

Performance outcomes	Acceptable outcomes
General criteria	
Built form and design outcomes for all development	
<p>PO1</p> <p>Buildings and structures are of a height, scale and bulk which:</p> <p>a. is visually compatible with existing buildings or structures;</p> <p>b. is consistent with existing amenity and character and does not appear overbearing, visually dominant or out of character with the surrounding environment;</p> <p>c. minimises the visual impact of large-scale built form;</p>	<p>AO1</p> <p>Building height does not exceed the maximum height identified on Overlay map - Building heights.</p>

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<ul style="list-style-type: none"> d. does not result in an adverse impact of visual amenity, privacy or impinge upon the receipt of natural sunlight or outlook; e. is designed in accordance with the principles of Crime Prevention Through Environment Design (CPTED) to achieve a high level of safety, surveillance and security. 	
<p>PO2</p> <p>Buildings and structures are designed and constructed to:</p> <ul style="list-style-type: none"> a. incorporate a mix of colours and high quality materials to add diversification to treatments and finishes; b. avoid blank walls through façade articulation to create visual interest and deter graffiti and vandalism; c. activate and address the street, public area or public open space; d. reduce cluttering of plant and equipment on building roofs. 	<p>AO2.1</p> <p>Development provides materials and finishes of a high quality that are not susceptible to stain, discolour or deterioration.</p> <hr/> <p>AO2.2</p> <p>Development incorporates articulated walls with variation, detail and colour to reduce the bulk and impact of development and minimise expansive blank walls.</p> <hr/> <p>AO2.3</p> <p>The main facade of the building directly addresses and faces the street and contains a mix of materials and colours.</p> <hr/> <p>AO2.4</p> <p>Building utilities such as lift motor rooms and telecommunications equipment are designed to be visually integrated with the building.</p>
<p>PO3</p> <p>Development will:</p> <ul style="list-style-type: none"> a. maintain a balance area of the site that is open and uncluttered by building and structures; b. ensure that buildings and structures are not overbearing, visually dominant or out of character with the surrounding built environment nor detract from the amenity of adjoining land. 	<p>AO3</p> <p>Site cover of all buildings and structures does not exceed 40%.</p>
<p>Building setbacks</p>	
<p>PO4</p> <p>Building setback:</p> <ul style="list-style-type: none"> a. is sufficient to minimise overlooking and maintain privacy of adjoining properties; b. is sufficient to ensure development is not visually dominant or overbearing on adjoining properties. 	<p>AO4</p> <p>Buildings and structures are setback as follows</p> <ul style="list-style-type: none"> a. road frontage - 6m b. side boundary - 3m c. rear boundary - 3m

Building on sloping land between 10% and 15%	
<p>PO5</p> <p>On slopes between 10% and 15%, building and site design must achieve the following:</p> <ol style="list-style-type: none"> use split-level, multiple-slab, pier or pole construction; avoid single-plane slabs and benching; ensure the height of any cut or fill, whether retained or not, does not exceed 900mm; minimise any visual impact on the landscape character; and protect the amenity of adjoining properties. 	<p>A05</p> <p>Building and site design on slopes between 10% and 15%;</p> <ol style="list-style-type: none"> use split-level, multiple-slab, pier or pole construction; avoid single-plane slabs and benching; and ensure the height of any cut or fill, whether retained or not, does not exceed 900mm.
Personal and property safety	
<p>PO6</p> <p>Buildings and spaces are designed and constructed to create a safe and secure environment by incorporating key crime prevention through environmental design principles, including:</p> <ol style="list-style-type: none"> casual surveillance opportunities and sight lines; way-finding cues and signage; defined different uses and private and public ownership through adequate fencing and signage; light illuminates pathways and potential entrapment areas as well as maximising opportunities for penetration of natural light into spaces; minimise predictable routes and entrapment locations. 	<p>No acceptable outcome provided.</p>
Amenity	
<p>PO7</p> <p>The amenity of the area and adjacent sensitive land uses are protected from the impacts of dust, odour, light, chemicals and other environmental nuisances.</p>	<p>No acceptable outcome provided.</p>
Hazardous chemicals	
<p>Note - To assist in demonstrating compliance with the following performance outcomes, a Hazard Assessment Report may be required to be prepared and submitted by a suitably qualified person in accordance with 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p> <p>Note - Terms used in this section are defined in 'State Planning Policy Guideline - Guidance on development involving hazardous chemicals'.</p>	

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<p>PO8</p> <p>Off sites risks from foreseeable hazard scenarios involving hazardous chemicals are commensurate with the sensitivity of the surrounding land use zones.</p>	<p>AO8.1</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of land zoned for vulnerable or sensitive land uses as described below:</p> <p>Dangerous Dose</p> <ul style="list-style-type: none"> a. For any hazard scenario involving the release of gases or vapours: <ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. b. For any hazard scenario involving fire or explosion: <ul style="list-style-type: none"> i. 7kPa overpressure; ii. 4.7kW/m2 heat radiation. <p>If criteria AO8.1 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 0.5×10^{-6}/year.</p>
	<p>AO8.2</p> <p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of a commercial or community activity land use zone as described below:</p> <p>Dangerous Dose</p> <ul style="list-style-type: none"> a. For any hazard scenario involving the release of gases or vapours: <ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. b. For any hazard scenario involving fire or explosion: <ul style="list-style-type: none"> i. 7kPa overpressure; ii. 4.7kW/m2 heat radiation. <p>If criteria AO8.2 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 5×10^{-6}/year.</p>
	<p>AO8.3</p>

	<p>Off site impacts or risks from any foreseeable hazard scenario does not exceed the dangerous dose at the boundary of an industrial land use zone as described below:</p> <p>Dangerous Dose</p> <ul style="list-style-type: none"> a. For any hazard scenario involving the release of gases or vapours: <ul style="list-style-type: none"> i. AEGL2 (60minutes) or if not available ERPG2; ii. An oxygen content in air <19.5% or >23.5% at normal atmospheric pressure. b. For any hazard scenario involving fire or explosion: <ul style="list-style-type: none"> i. 14kPa overpressure; ii. 12.6kW/m² heat radiation. <p>If criteria AO8.3 (a) or (b) cannot be achieved, then the risk of any foreseeable hazard scenario shall not exceed an individual fatality risk level of 50 x 10⁻⁶/year.</p>
<p>PO9</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are designed to detect the early stages of a fire situation and notify a designated person.</p>	<p>AO9</p> <p>Buildings and package stores containing fire-risk hazardous chemicals are provided with 24 hour monitored fire detection system for early detection of a fire event.</p>
<p>PO10</p> <p>Common storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) that are adequate to contain releases, including fire fighting media.</p>	<p>AO10</p> <p>Storage areas containing packages of flammable and toxic hazardous chemicals are designed with spill containment system(s) capable of containing a minimum of the total aggregate capacity of all packages plus the maximum operating capacity of any fire protection system for the storage area(s) over a minimum of 60 minutes.</p>
<p>PO11</p> <p>Storage and handling areas, including manufacturing areas, containing hazardous chemicals in quantities greater than 2,500L or kg within a Local Government "flood hazard area" are located and designed in a manner to minimise the likelihood of inundation of flood waters from creeks, rivers, lakes or estuaries.</p>	<p>AO11.1</p> <p>The base of any tank with a WC >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area. Alternatively:</p> <ul style="list-style-type: none"> a. bulk tanks are anchored so they cannot float if submerged or inundated by water; and b. tank openings not provided with a liquid tight seal, i.e. an atmospheric vent, are extended above the relevant flood height level. <p>AO11.2</p>

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	<p>The lowest point of any storage area for packages >2,500L or kg is higher than any relevant flood height level identified in an area's flood hazard area. Alternatively, package stores are provided with impervious bund walls or racking systems higher than the relevant flood height level.</p>
<p>Car parking</p>	
<p>PO12</p> <p>Traffic generation, vehicle movement and on-site car parking associated with an activity:</p> <ol style="list-style-type: none"> a. provides safe, convenient and accessible access for vehicles and pedestrians; b. provides safe and convenient on-site parking and manoeuvring to meet anticipated parking demand; c. is appropriate to the road classification and carrying capacity of the local network and able to meet the additional demands generated by the development; d. does not result adverse impacts on the efficient and safe functioning of the road network. <p>Note - Refer to Planning scheme policy - Integrated transport assessment for guidance on how to achieve compliance with this outcome.</p>	<p>AO12</p> <p>On-site car parking is provided in accordance with Schedule 7 - Car parking.</p>
<p>Bicycle parking and end of trip facilities</p> <p>Note - Building work to which this code applies constitutes Major Development for purposes of development requirements for end of trip facilities prescribed in the Queensland Development Code MP 4.1.</p>	
<p>PO13</p> <ol style="list-style-type: none"> a. End of trip facilities are provided for employees or occupants, in the building or on-site within a reasonable walking distance, and include: <ol style="list-style-type: none"> i. adequate bicycle parking and storage facilities; and 	<p>AO13.1</p> <p>Minimum bicycle parking facilities are provided at a rate of 1 bicycle parking space for every 3 vehicles parking spaces required by Schedule 7 – Car parking.</p> <p>Editor's note - The acceptable solutions for end of trip facilities prescribed under the Queensland Development Code permit a local planning instrument to prescribe facility levels higher than the default levels identified in those acceptable solutions. This acceptable</p>

<p>ii. adequate provision for securing belongings; and</p> <p>iii. change rooms that include adequate showers, sanitary compartments, wash basins and mirrors.</p> <p>b. Notwithstanding a. there is no requirement to provide end of trip facilities if it would be unreasonable to provide these facilities having regard to:</p> <p>i. the projected population growth and forward planning for road upgrading and development of cycle paths; or</p> <p>ii. whether it would be practical to commute to and from the building on a bicycle, having regard to the likely commute distances and nature of the terrain; or</p> <p>iii. the condition of the road and the nature and amount of traffic potentially affecting the safety of commuters.</p> <p>Editor's note - The intent of b above is to ensure the requirements for bicycle parking and end of trip facilities are not applied in unreasonable circumstances. For example these requirements should not, and do not apply in the Rural zone or the Rural residential zone etc.</p> <p>Editor's note - This performance outcome is the same as the Performance Requirement prescribed for end of trip facilities under the Queensland Development Code. For development incorporating building work, that Queensland Development Code performance requirement cannot be altered by a local planning instrument and has been reproduced here solely for information purposes. Council's assessment in its building work concurrence agency role for end of trip facilities will be against the performance requirement in the Queensland Development Code. As it is subject to change at any time, applicants for development incorporating building work should ensure that proposals that do not comply with the acceptable outcomes under this heading meet the current performance requirement prescribed in the Queensland Development Code.</p>	<p>outcome is a combination of the default levels set for end of trip facilities in the Queensland Development Code and the additional facilities required by Council.</p> <p>AO13.2</p> <p>Bicycle parking is:</p> <p>a. provided in accordance with <i>Austrroads (2008), Guide to Traffic Management - Part 11: Parking</i>;</p> <p>b. protected from the weather by its location or a dedicated roof structure;</p> <p>c. located within the building or in a dedicated, secure structure for residents and staff;</p> <p>d. adjacent to building entrances or in public areas for customers and visitors.</p> <p>Note - Bicycle parking structures are to be constructed to the standards prescribed in AS2890.3.</p> <p>Note - Bicycle parking and end of trip facilities provided for residential and non-residential activities may be pooled, provided they are within 100 metres of the entrance to the building.</p> <p>Editor's note - The acceptable solutions for end of trip facilities prescribed under the Queensland Development Code permit a local planning instrument to prescribe facility levels higher than the default levels identified in those acceptable solutions. This acceptable outcome is an amalgamation of the default levels set for end of trip facilities in the Queensland Development Code and the additional facilities required by Council.</p> <p>AO13.3</p> <p>For non-residential uses, storage lockers:</p> <p>a. are provide at a rate of 1.6 per bicycle parking space (rounded up to the nearest whole number);</p> <p>b. have minimum dimensions of 900mm (height) x 300mm (width) x 450mm (depth).</p> <p>Note - Storage lockers may be pooled across multiple sites and activities when within 100 metres of the entrance to the building and within 50 metres of bicycle parking and storage facilities.</p> <p>Editor's note - The acceptable solutions for end of trip facilities prescribed under the Queensland Development Code permit a local planning instrument to prescribe facility levels higher than the default levels identified in those acceptable solutions. This acceptable outcome is an amalgamation of the default levels set for end of trip facilities in the Queensland Development Code and the additional facilities required by Council.</p>
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AO13.4

For non-residential uses, changing rooms:

- a. are provided at a rate of 1 per 10 bicycle parking spaces;
- b. are fitted with a lockable door or otherwise screened from public view;
- c. are provided with shower(s), sanitary compartment(s) and wash basin(s) in accordance with the table below:

Bicycle spaces provided	Male/ Female	Change rooms required	Showers required	Sanitary compartments required	Washbasins required
1-5	Male and female	1 unisex change room	1	1 closet pan	1
6-19	Female	1	1	1 closet pan	1
20 or more	Male	1	1	1 closet pan	1
	Female	1	2, plus 1 for every 20 bicycle spaces provided thereafter	2 closet pans, plus 1 sanitary compartment for every 60 bicycle parking spaces provided thereafter	1, plus 1 for every 60 bicycle parking spaces provided thereafter
	Male	1	2, plus 1 for every 20 bicycle spaces provided thereafter	1 urinal and 1 closet pans, plus 1 sanitary compartment at the rate of 1 closet pan or 1 urinal for every 60 bicycle space provided thereafter	1, plus 1 for every 60 bicycle parking spaces provided thereafter

Note - All showers have a minimum 3-star Water Efficiency Labelling and Standards (WELS) rating shower head.

Note - All sanitary compartments are constructed in compliance with F2.3 (e) and F2.5 of BCA (Volume 1).

- d. are provided with:
 - i. a mirror located above each wash basin;
 - ii. a hook and bench seating within each shower compartment;
 - iii. a socket-outlet located adjacent to each wash basin.

Note - Change rooms may be pooled across multiple sites, residential and non-residential activities when within 100 metres of the entrance to the building and within 50 metres of bicycle parking and storage facilities

Editor's note - The acceptable solutions for end of trip facilities prescribed under the Queensland Development Code permit a local planning instrument to prescribe facility levels higher than the default levels identified in those acceptable solutions. This acceptable outcome is an amalgamation of the default levels set for end of trip facilities in the Queensland Development Code and the additional facilities required by Council.

Landscaping and screening	
<p>PO14</p> <p>Landscaping and screening is provided in a manner that:</p> <ul style="list-style-type: none"> a. achieves a high level of privacy and amenity to sensitive land uses on adjoining properties and when viewed from the street; b. reduces the visual impact of building bulk and presence and hard surface areas on the local character and amenity of adjoining sensitive land uses and from the street; c. creates a secure and safe environment by incorporating key elements of crime prevention through environmental design; d. achieves the design principles outlined in Planning scheme policy - Integrated design. 	<p>No acceptable outcome provided.</p>
Loading and servicing	
<p>PO15</p> <p>Loading and servicing areas:</p> <ul style="list-style-type: none"> a. are not visible from the street frontage; b. are integrated into the design of the building; c. include screening and buffers to reduce negative impacts on adjoining sensitive land uses; d. where possible loading and servicing areas are consolidated and shared with adjoining sites. 	<p>No acceptable outcome provided.</p>
Waste	
<p>PO16</p> <p>Bins and bin storage areas are provided, designed and managed in accordance with Planning scheme policy – Waste.</p>	<p>No acceptable outcome provided.</p>
Noise	
<p>PO17</p> <p>Noise generating uses do not adversely affect existing noise sensitive uses.</p> <p>Note - The use of walls, barriers or fences that are visible from or adjoin a road or public area are not appropriate noise attenuation measures unless adjoining a motorway, arterial road or rail line.</p>	<p>No acceptable outcome provided.</p>

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<p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p>	
<p>PO18</p> <p>Sensitive land uses are provided with an appropriate acoustic environment within designated external private outdoor living spaces and internal areas while:</p> <ol style="list-style-type: none"> a. contributing to safe and usable public spaces, through maintaining high levels of surveillance of parks, streets and roads that serve active transport purposes (e.g. existing or future pedestrian paths or cycle lanes etc); b. maintaining the amenity of the streetscape. <p>Note - A noise impact assessment may be required to demonstrate compliance with this PO. Noise impact assessments are to be prepared in accordance with Planning scheme policy - Noise.</p> <p>Note - Refer to Planning Scheme Policy – Integrated design for details and examples of noise attenuation structures.</p>	<p>AO18.1</p> <p>Development is designed to meet the criteria outlined in the Planning Scheme Policy – Noise.</p> <hr/> <p>AO18.2</p> <p>Noise attenuation structures (e.g. walls, barriers or fences):</p> <ol style="list-style-type: none"> a. are not visible from an adjoining road or public area unless: <ol style="list-style-type: none"> i. adjoining a motorway or rail line; or ii. adjoining part of an arterial road that does not serve an existing or future active transport purpose (e.g. pedestrian paths or cycle lanes) or where attenuation through building location and materials is not possible. b. do not remove existing or prevent future active transport routes or connections to the street network; c. are located, constructed and landscaped in accordance with Planning scheme policy - Integrated design. <p>Note - Refer to Planning scheme policy – Integrated design for details and examples of noise attenuation structures.</p> <p>Note - Refer to Overlay map – Active transport for future active transport routes.</p>
<p>Clearing of habitat trees where not located within the Environmental areas overlay map.</p>	
<p>PO19</p> <ol style="list-style-type: none"> a. Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected. b. Development does not result in the net loss of fauna habitat. Where development does result in the loss of habitat tree, development will provide replacement fauna nesting boxes at the following rate of 1 nest box for every hollow removed. Where hollows have not yet formed in trees > 80cm in diameter at 1.3m height, 3 nest boxes are required for every habitat tree removed. c. Development does not result in soil erosion or land degradation or leave land exposed for an unreasonable period of time but is rehabilitated in a timely manner 	<p>No acceptable outcome provided</p>

<p>Note: Further guidance on habitat trees is provided in Planning scheme policy - Environmental areas</p>	
Works criteria	
Utilities	
<p>PO20</p> <p>Where the site adjoins or is opposite to a Park⁽⁵⁷⁾, foreshore or Humpybong Reserve all existing overhead power lines are to be undergrounded for the full frontage of the site.</p>	<p>No acceptable outcome provided</p>
<p>PO21</p> <p>The development is connected to an existing reticulated electricity supply system approved by the relevant energy regulating authority.</p>	<p>AO21</p> <p>Development is connected to underground electricity.</p>
<p>PO22</p> <p>The development has access to telecommunications and broadband services in accordance with current standards.</p>	<p>No acceptable outcome provided</p>
<p>PO23</p> <p>Where available the development is to safely connect to reticulated gas.</p>	<p>No acceptable outcome provided</p>
<p>PO24</p> <p>The development provides for the treatment and disposal of sewage and other waste water in a way that will not cause environmental harm or pose a risk to public health.</p>	<p>AO24.1</p> <p>Where in a sewerred area, the development is connected to a reticulated sewerage network.</p>
	<p>AO24.2</p> <p>Where not in a sewerred area, the development is serviced by an appropriate on-site sewerage facility.</p> <p>Note - A site and soil evaluation report is generally required to demonstrate compliance with this outcome. Reports are to be prepared in accordance with AS1547 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code.</p>
	<p>AO24.3</p> <p>Trade waste is pre-treated on-site prior to discharging into the sewerage network.</p>
<p>PO25</p>	<p>AO25.1</p>

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<p>The development is provided with an adequate and sustainable supply of potable (drinking and general use e.g. gardening, washing, fire fighting) water.</p>	<p>Where in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is connected to the reticulated water supply system in accordance with the South East Queensland Water Supply and Sewerage Design and Construction Code and the relevant Water Service Association of Australia (WSAA) codes and standards.</p>
<p>PO26</p> <p>The development is provided with constructed and dedicated road access.</p>	<p>AO25.2</p> <p>Where not in an existing connections area or a future connections area as detailed in the Unitywater Connections Policy, the development is provided with an adequate water supply of 45,000 litres by way of on-site storage which provides equivalent water quality and reliability to support the use requirements of the development.</p>
<p>Access</p>	
<p>PO27</p> <p>Development provides functional and integrated car parking and vehicle access, that:</p> <ol style="list-style-type: none"> a. prioritises the movement and safety of pedestrians between car parking areas at the rear through to the 'main street' and the entrance to the building (e.g. rear entry, arcade etc.); b. provides safety and security of people and property at all times; c. does not impede active transport options; d. does not impact on the safe and efficient movement of traffic external to the site; e. where possible vehicle access points are consolidated and shared with adjoining sites. <p>Note - Refer to Planning scheme policy - Centre and neighbourhood hub design for details and examples.</p>	<p>No acceptable outcome provided</p>
<p>PO28</p> <p>Where required, access easements contain a driveway and provision for services appropriate to the use. The easement covers all works associated with the access in accordance with Planning scheme policy - Integrated design.</p>	<p>No acceptable outcome provided</p>
<p>PO29</p>	<p>AO29.1</p>

<p>The layout of the development does not compromise:</p> <ol style="list-style-type: none"> the development of the road network in the area; the function or safety of the road network; the capacity of the road network. <p>Note - The road hierarchy is mapped on Overlay map - Road hierarchy.</p>	<p>Direct vehicle access for residential development does not occur from arterial or sub-arterial roads or a motorway.</p> <p>Editor's note - Residential developments should consider amalgamation with the lot to the rear and gaining access via a laneway.</p> <p>Note - The road hierarchy is mapped on Overlay map - Road hierarchy.</p>
<p>PO30</p> <p>Safe access is provided for all vehicles required to access the site.</p>	<p>AO29.2</p> <p>The development provides for the extension of the road network in the area in accordance with Council's road network planning.</p>
	<p>AO29.3</p> <p>The development does not compromise future road widening of frontage roads in accordance with the relevant standard and Council's road planning.</p>
	<p>AO29.4</p> <p>The lot layout allows forward access to and from the site.</p>
	<p>AO30.1</p> <p>Site access and driveways are designed and located in accordance with:</p> <ol style="list-style-type: none"> Where for a Council-controlled road, AS/NZS2890.1 section 3; or Where for a State-Controlled road, the Safe Intersection Sight Distance requirements in AustRoads and the appropriate IPWEAQ standard drawings, or a copy of a Transport Infrastructure Act 1994, section 62 approval. <p>AO30.2</p> <p>Internal driveways and access ways are designed and constructed in accordance with AS/NZS2890.1 Parking Facilities – Off street car parking and the relevant standards in Planning scheme policy - Integrated design.</p> <p>Note - This includes queue lengths (refer to Schedule 8 Service vehicle requirements), pavement widths and construction.</p> <p>AO30.3</p> <p>Access driveways, manoeuvring areas and loading facilities provide for service vehicles listed in Schedule 8 Service vehicle requirements for the relevant use. The on-site manoeuvring is to be in accordance with Schedule 8 Service vehicle requirements.</p>

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<p>PO31</p> <p>Upgrade works (whether trunk or non-trunk) are provided where necessary to:</p> <ol style="list-style-type: none"> a. ensure the type or volume of traffic generated by the development does not have a negative impact on the external road network; b. ensure the orderly and efficient continuation of the active transport network; c. ensure the site frontage is constructed to a suitable urban standard generally in accordance with Planning scheme policy - Integrated design. <p>Note - An Integrated Transport Assessment (ITA) may be required to demonstrate compliance with this performance outcome refer to Planning scheme policy - Integrated transport assessment for guidance on when an ITA is required. An ITA should be prepared in accordance with Planning scheme policy - Integrated transport assessment.</p> <p>Note - The road network is mapped on Overlay map - Road hierarchy.</p> <p>Note - The primary and secondary active transport network is mapped on Overlay map - Active transport.</p> <p>Note - To demonstrate compliance with c. of this performance outcome, site frontage works where in existing road reserve (non-trunk) are to be designed and constructed as follows:</p> <ol style="list-style-type: none"> i. Where the street is partially established to an urban standard, match the alignment of existing kerb and channel and provide carriageway widening and underground drainage where required; or ii. Where the street is not established to an urban standard, prepare a design that demonstrates how the relevant features of the particular road as shown in the Planning scheme policy - Integrated Design can be achieved in the existing reserve. <p>Note - Refer to Planning scheme policy - Integrated design for road network and active transport network design standards.</p>	<p>No acceptable outcome provided</p>
Stormwater	
<p>PO32</p> <p>Stormwater run-off from the site is conveyed to a point of lawful discharge without causing nuisance or annoyance to any person, property or premises.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p>	<p>No acceptable outcome provided</p>

<p>Note - A watercourse as defined in the Water Act may be accepted as a lawful point of discharge providing the drainage discharge from the site does not increase the downstream flood levels during events up to and including the 1% AEP storm. An afflux of +20mm may be accepted on Council controlled land and road infrastructure. No worsening is ensured when stormwater is discharged into a catchment that includes State Transport Infrastructure.</p>	
<p>PO33</p> <p>Stormwater generated from the development does not compromise the capacity of existing stormwater infrastructure downstream of the site.</p> <p>Note - A downstream drainage discharge report in accordance with Planning scheme policy - Stormwater management may be required to demonstrate achievement of this performance outcome.</p>	<p>No acceptable outcome provided</p>
<p>PO34</p> <p>Stormwater quality management systems are designed and constructed to minimise the environmental impact of stormwater discharge on surface and underground receiving water quality and meet the design objectives in Tables A and B in Appendix 3 of the SPP.</p> <p>Note - A stormwater management plan prepared by a suitably qualified professional will be required in accordance with Planning scheme policy - Stormwater management.</p>	<p>No acceptable outcome provided</p>
<p>PO35</p> <p>Easements for drainage purposes are provided over:</p> <ol style="list-style-type: none"> stormwater pipes located in freehold land if the pipe diameter exceeds 300mm; overland flow paths where they cross more than one property boundary. <p>Note - Refer to Planning scheme policy - Integrated design for details.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	<p>No acceptable outcome provided</p>
Site works and construction management	
<p>PO36</p> <p>The site and any existing structures are maintained in a tidy and safe condition.</p>	<p>No acceptable outcome provided</p>
<p>PO37</p>	<p>AO37.1</p>

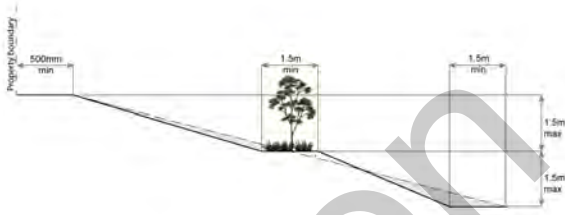
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<p>All works on-site are managed to:</p> <ol style="list-style-type: none"> minimise as far as practicable, impacts on adjoining or adjacent premises and the streetscape in regard to erosion and sedimentation, dust, noise, safety and light; minimise as far as possible, impacts on the natural environment; ensure stormwater discharge is managed in a manner that does not cause nuisance or annoyance to any person or premises; avoid adverse impacts on street trees and their critical root zone. 	<p>Works incorporate temporary stormwater runoff, erosion and sediment controls and trash traps designed in accordance with the Urban Stormwater Quality Planning Guidelines, Planning scheme policy - Stormwater management and Planning scheme policy - Integrated design, including but not limited to the following:</p> <ol style="list-style-type: none"> stormwater is not discharged to adjacent properties in a manner that differs significantly from pre-existing conditions; stormwater discharged to adjoining and downstream properties does not cause scour and erosion; stormwater discharge rates do not exceed pre-existing conditions; the 10% AEP storm event is the minimum design storm for all temporary diversion drains; and the 50% AEP storm event is the minimum design storm for all silt barriers and sedimentation basins.
<p>PO38</p> <p>Dust suppression measures are implemented during soil disturbances and construction works to protect nearby premises from unreasonable dust impacts.</p>	<p>AO37.2</p> <p>Stormwater runoff, erosion and sediment controls are constructed prior to commencement of any clearing or earthworks and are maintained and adjusted as necessary at all times to ensure their ongoing effectiveness.</p> <p>Note - The measures are adjusted on-site to maximise their effectiveness.</p>
<p>PO39</p> <p>All works on-site and the transportation of material to and from the site are managed to not negatively impact the existing road network, the amenity of the surrounding area or the streetscape.</p>	<p>AO37.3</p> <p>The completed earthworks area is stabilised using turf, established grass seeding, mulch or sprayed stabilisation techniques to control erosion and sediment and dust from leaving the property.</p> <p>AO37.4</p> <p>Where works are proposed in proximity to an existing street tree, an inspection and a root management plan is undertaken by a qualified arborist which demonstrates and ensures that no permanent damage is caused to the tree.</p> <p>AO38</p> <p>No dust emissions extend beyond the boundaries of the site during soil disturbances and construction works.</p> <p>AO39.1</p> <p>Construction traffic including contractor car parking is controlled in accordance with a traffic management plan, prepared in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) to ensure all traffic movements to and from the site are safe.</p>

<p>Note - Where the amount of imported or exported material is greater than 50m³, a haulage route must be identified and approved by Council.</p>	<p>AO39.2</p> <p>All contractor car parking is either provided on the development site, or on an alternative site in the general locality which has been set aside for car parking. Contractors vehicles are generally not to be parked in existing roads.</p> <p>Note - A Traffic Management Plan may be required for the site in accordance with the Manual of Uniform Traffic Control Devices (MUTCD).</p>
<p>PO40</p> <p>All disturbed areas are rehabilitated at the completion of construction.</p> <p>Note - Refer to Planning scheme policy - Integrated design for details.</p>	<p>AO39.3</p> <p>Any material dropped, deposited or spilled on the road(s) as a result of construction processes associated with the site are to be cleaned at all times.</p> <p>AO40</p> <p>At completion of construction all disturbed areas of the site are to be:</p> <ol style="list-style-type: none"> topsoiled with a minimum compacted thickness of fifty (50) millimetres; grassed. <p>Note - These areas are to be maintained during any maintenance period to maximise grass coverage from grass seeding of these areas.</p>
<p>PO41</p> <p>The clearing of vegetation on-site:</p> <ol style="list-style-type: none"> is limited to the area of infrastructure works, building areas and other necessary areas for the works; and includes the removal of declared weeds and other materials which are detrimental to the intended use of the land; is disposed of in a manner which minimises nuisance and annoyance to existing premises. <p>Note - No burning of cleared vegetation is permitted.</p>	<p>AO41.1</p> <p>All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works.</p> <p>Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works.</p> <p>AO41.2</p> <p>Disposal of materials is managed in one or more of the following ways:</p> <ol style="list-style-type: none"> all cleared vegetation, declared weeds, stumps, rubbish, car bodies, scrap metal and the like are removed and disposed of in a Council land fill facility; or all native vegetation with a diameter below 400mm is to be chipped and stored on-site. <p>Note - The chipped vegetation must be stored in an approved location, preferably a park or public land.</p>
<p>PO42</p>	<p>No acceptable outcome provided</p>

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<p>Any alteration or relocation in connection with or arising from the development to any service, installation, plant, equipment or other item belonging to or under the control of the telecommunications authority, electricity authorities, the Council or other person engaged in the provision of public utility services is to be carried with the development and at no cost to Council.</p>	
<p>Earthworks</p>	
<p>PO43</p> <p>On-site earthworks are designed to consider the visual and amenity impact as they relate to:</p> <ol style="list-style-type: none"> a. the natural topographical features of the site; b. short and long-term slope stability; c. soft or compressible foundation soils; d. reactive soils; e. low density or potentially collapsing soils; f. existing fill and soil contamination that may exist on-site; g. the stability and maintenance of steep rock slopes and batters; h. excavation (cut) and fill and impacts on the amenity of adjoining lots (e.g. residential). <p>Note - Filling or excavation works are to be completed within six months of the commencement date.</p>	<p>AO43.1</p> <p>All cut and fill batters are provided with appropriate scour, erosion protection and run-off control measures including catch drains at the top of batters and lined batter drains as necessary.</p> <p>AO43.2</p> <p>Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance of steep rock slopes and batters.</p> <p>AO43.3</p> <p>Inspection and certification of steep rock slopes and batters is required by a suitably qualified and experienced RPEQ.</p> <p>AO43.4</p> <p>All filling or excavation is contained on-site.</p> <p>AO43.5</p> <p>All fill placed on-site is:</p> <ol style="list-style-type: none"> a. limited to that required for the necessary approved use; b. clean and uncontaminated (i.e. no building waste, concrete, green waste or contaminated material etc. is used as fill). <p>AO43.6</p> <p>The site is prepared and the fill placed on-site in accordance with AS3798.</p> <p>Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures.</p>
<p>PO44</p>	<p>AO44</p> <p>Any embankments more than 1.5 metres in height are stepped, terraced and landscaped.</p>

<p>Embankments are stepped, terraced and landscaped to not adversely impact on the visual amenity of the surrounding area.</p>	<p style="text-align: center;">Figure - Embankment</p> 
<p>PO45</p> <p>Filling or excavation is undertaken in a manner that:</p> <ol style="list-style-type: none"> does not adversely impact on a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land; does not preclude reasonable access to a Council or public sector entity maintained infrastructure or any drainage feature on, or adjacent to the land for monitoring, maintenance or replacement purposes. <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>	<p>AO45.1</p> <p>No filling or excavation is undertaken in an easement issued in favour of Council or a public sector entity.</p> <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p> <hr/> <p>AO45.2</p> <p>Filling or excavation that would result in any of the following is not carried out on-site:</p> <ol style="list-style-type: none"> a reduction in cover over any Council or public sector entity infrastructure service to less than 600mm; an increase in finished surface grade over, or within 1.5m on each side of, the Council or public sector entity infrastructure above that which existed prior to the earthworks being undertaken. <p>Note - Public sector entity as defined in the Sustainable Planning Act 2009.</p>
<p>PO46</p> <p>Filling or excavation does not result in land instability.</p> <p>Note - Steep rock slopes and batters are inspected and certified for long-term stability by a suitably qualified and experienced geotechnical engineer with RPEQ qualifications. Stabilisation measures are provided, as necessary, to ensure long-term stability and low maintenance.</p>	<p>No acceptable outcome provided</p>
<p>PO47</p> <p>Development does not result in</p> <ol style="list-style-type: none"> adverse impacts on the hydrological and hydraulic capacity of the waterway or floodway; increased flood inundation outside the site; any reduction in the flood storage capacity in the floodway; and any clearing of native vegetation. <p>Note - To demonstrate compliance with this outcome, Planning Scheme Policy - Stormwater Management provides guidance on the preparation of a site based stormwater management plan by a suitably qualified professional. Refer to Planning scheme policy</p>	<p>No acceptable outcome provided.</p>

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- Integrated design for guidance on infrastructure design and modelling requirements.

Retaining walls and structures

PO48

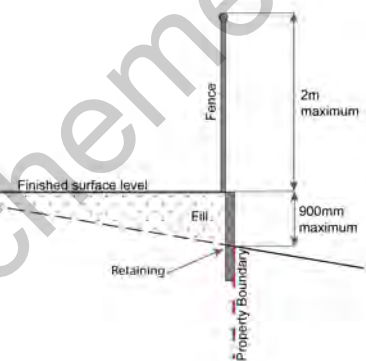
All earth retaining structures provide a positive interface with the streetscape and minimise impacts on the amenity of adjoining residents.

AO48

Earth retaining structures:

- are not constructed of boulder rocks or timber;
- where height is no greater than 900mm, are provided in accordance with Figure - Retaining on a boundary;

Figure - Retaining on boundary



- where height is greater than 900mm but no greater than 1.5m, are to be setback at least the equivalent height of the retaining structure from any property boundary;
- where height is greater than 1.5m, are to be setback and stepped 1.5m vertical: 1.5m horizontal, terraced, landscaped and drained as shown below.

Figure - Cut

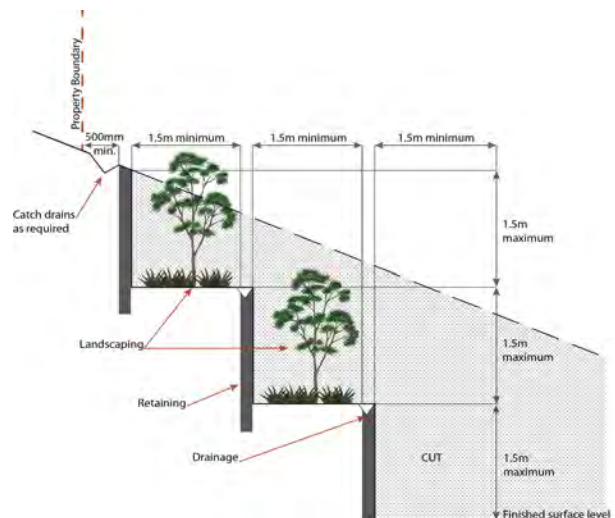
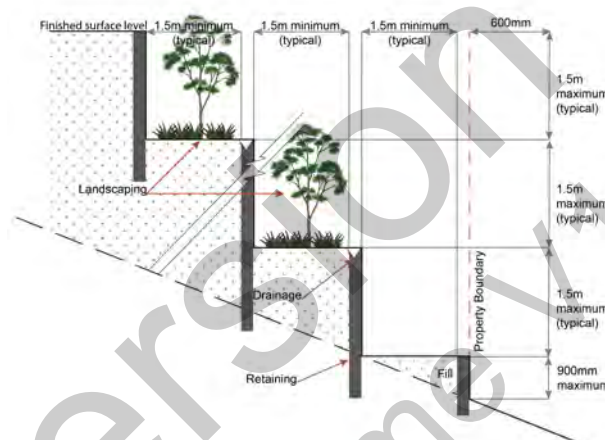


Figure - Fill



Fire Services

Note - The provisions under this heading only apply if:

- a. the development is for, or incorporates:
 - i. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or
 - ii. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or
 - iii. material change of use for a Tourist park⁽⁸⁴⁾ with accommodation in the form of caravans or tents; or
 - iv. material change of use for outdoor sales⁽⁵⁴⁾, outdoor processing or outdoor storage where involving combustible materials.

AND

- b. none of the following exceptions apply:
 - i. the distributor-retailer for the area has indicated, in its netserv plan, that the premises will not be served by that entity's reticulated water supply; or
 - ii. every part of the development site is within 60m walking distance of an existing fire hydrant on the distributor-retailer's reticulated water supply network, measured around all obstructions, either on or adjacent to the site.

Note - The provisions under this heading do not apply to buildings that are required by the Building Code of Australia to have a fire hydrant system complying with Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations or other fire fighting facilities which provide equivalent protection.

PO49

Development incorporates a fire fighting system that:

- a. satisfies the reasonable needs of the fire fighting entity for the area;
- b. is appropriate for the size, shape and topography of the development and its surrounds;
- c. is compatible with the operational equipment available to the fire fighting entity for the area;
- d. considers the fire hazard inherent in the materials comprising the development and their proximity to one another;

AO49.1

External fire hydrant facilities are provided on site to the standard prescribed under the relevant parts of *Australian Standard AS 2419.1 (2005) – Fire Hydrant Installations*.

Note - For this acceptable outcome, the following are the relevant parts of AS 2419.1 (2005) that may be applicable:

- a. in regard to the form of any fire hydrant - Part 8.5 and Part 3.2.2.1, with the exception that for Tourist parks⁽⁸⁴⁾ or development comprised solely of dwellings and their associated outbuildings, single outlet above-ground hydrants or suitably signposted in-ground hydrants would be an acceptable alternative;

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<p>e. considers the fire hazard inherent in the surrounds to the development site;</p> <p>f. is maintained in effective operating order.</p> <p>Note - The Queensland Fire and Emergency Services is the entity currently providing the fire fighting function for the urban areas of the Moreton Bay Region.</p>	<p>b. in regard to the general locational requirements for fire hydrants - Part 3.2.2.2 (a), (e), (f), (g) and (h) as well as Appendix B of AS 2419.1 (2005);</p> <p>c. in regard to the proximity of hydrants to buildings and other facilities - Part 3.2.2.2 (b), (c) and (d), with the exception that:</p> <ul style="list-style-type: none"> i. for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings; ii. for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans; iii. for outdoor sales⁽⁵⁴⁾, processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales⁽⁵⁴⁾, outdoor processing and outdoor storage facilities; <p>d. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and, where applicable, Part 3.6.</p>
	<p>AO49.2</p> <p>A continuous path of travel having the following characteristics is provided between the vehicle access point to the site and each external fire hydrant and hydrant booster point on the land:</p> <ul style="list-style-type: none"> a. an unobstructed width of no less than 3.5m; b. an unobstructed height of no less than 4.8m; c. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance; d. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.
	<p>AO49.3</p> <p>On-site fire hydrant facilities are maintained in effective operating order in a manner prescribed in <i>Australian Standard AS1851 (2012) – Routine service of fire protection systems and equipment</i>.</p>
<p>PO50</p> <p>On-site fire hydrants that are external to buildings, as well as the available fire fighting appliance access routes to those hydrants, can be readily identified at all times from, or at, the vehicular entry point to the development site.</p>	<p>AO50</p> <p>For development that contains on-site fire hydrants external to buildings:</p> <ul style="list-style-type: none"> a. those external hydrants can be seen from the vehicular entry point to the site; or b. a sign identifying the following is provided at the vehicular entry point to the site: <ul style="list-style-type: none"> i. the overall layout of the development (to scale); ii. internal road names (where used); iii. all communal facilities (where provided); iv. the reception area and on-site manager’s office (where provided);

	<ul style="list-style-type: none"> v. external hydrants and hydrant booster points; vi. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points. <p>Note - The sign prescribed above, and the graphics used are to be:</p> <ul style="list-style-type: none"> a. in a form; b. of a size; c. illuminated to a level; <p>which allows the information on the sign to be readily understood, at all times, by a person in a fire fighting appliance up to 4.5m from the sign.</p>
<p>PO51</p> <p>Each on-site fire hydrant that is external to a building is signposted in a way that enables it to be readily identified at all times by the occupants of any firefighting appliance traversing the development site.</p>	<p>AO51</p> <p>For development that contains on-site fire hydrants external to buildings, those hydrants are identified by way of marker posts and raised reflective pavement markers in the manner prescribed in the technical note <i>Fire hydrant indication system</i> produced by the Queensland Department of Transport and Main Roads.</p> <p>Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.</p>
Use specific criteria	
Caretaker's accommodation ⁽¹⁰⁾	
<p>PO52</p> <p>Development for a Caretaker's accommodation⁽¹⁰⁾:</p> <ul style="list-style-type: none"> a. does not compromise the productivity of the use; b. is domestic in scale; c. provides adequate car parking provisions exclusive to the primary use of the site; d. is safe for the residents; e. has regards to the landscape and private recreation needs of the resident. 	<p>AO52</p> <p>Caretaker's accommodation⁽¹⁰⁾:</p> <ul style="list-style-type: none"> 1. has a maximum GFA of 80m²; 2. no more than 1 caretaker's accommodation⁽¹⁰⁾ is established per site; 3. does not gain access from a separate driveway to the main use on the site; 4. provides a minimum 16m² of private open space directly accessible from a habitable room; 5. provides car parking in accordance with Schedule 7 - Car parking.
Major electricity infrastructure⁽⁴³⁾, Substation⁽⁸⁰⁾ and Utility installation⁽⁸⁶⁾	

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<p>PO53</p> <p>The development does not have an adverse impact on the visual amenity of a locality and is:</p> <ol style="list-style-type: none"> high quality design and construction; visually integrated with the surrounding area; not visually dominant or intrusive; located behind the main building line; below the level of the predominant tree canopy or the level of the surrounding buildings and structures; camouflaged through the use of colours and materials which blend into the landscape; treated to eliminate glare and reflectivity; landscaped; otherwise consistent with the amenity and character of the zone and surrounding area. 	<p>AO53.1</p> <p>Development is designed to minimise surrounding land use conflicts by ensuring infrastructure, buildings, structures and other equipment:</p> <ol style="list-style-type: none"> are enclosed within buildings or structures; are located behind the main building line; have a similar height, bulk and scale to the surrounding fabric; have horizontal and vertical articulation applied to all exterior walls.
<p>PO54</p> <p>Infrastructure does not have an impact on pedestrian health and safety.</p>	<p>AO53.2</p> <p>A minimum 3m wide strip of dense planting is provided around the outside of the fenced area, between the development and street frontage, side and rear boundaries.</p> <p>AO54</p> <p>Access control arrangements:</p> <ol style="list-style-type: none"> do not create dead-ends or dark alleyways adjacent to the infrastructure; minimise the number and width of crossovers and entry points; provide safe vehicular access to the site; do not utilise barbed wire or razor wire.
<p>PO55</p> <p>All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility:</p> <ol style="list-style-type: none"> generates no audible sound at the site boundaries where in a residential setting; or meet the objectives as set out in the Environmental Protection (Noise) Policy 2008. 	<p>AO55</p> <p>All equipment which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure noise emissions meet the objectives as set out in the Environmental Protection (Noise) Policy 2008.</p>
<p>Market ⁽⁴⁶⁾</p>	
<p>PO56</p> <p>Markets ⁽⁴⁶⁾ are located and laid out in a manner that provides for:</p> <ol style="list-style-type: none"> convenient pedestrian access and movement between proposed stalls; view corridors and legibility between stalls to adjacent roads, directional and information signage and surrounding uses; pedestrian comfort and safety, including the provision of public toilet facilities; 	<p>No acceptable outcome provided.</p>

<p>e. waste and rubbish disposal facilities appropriate to the type and scale of the proposed market⁽⁴⁶⁾;</p> <p>f. emergency vehicle access to and within the market⁽⁴⁶⁾;</p> <p>g. safe, convenient and accessible car parking is provided to meet demand.</p>	
<p>Telecommunications facility⁽⁸¹⁾</p> <p>Editor's note - In accordance with the Federal legislation Telecommunications facilities⁽⁸¹⁾ must be constructed and operated in a manner that will not cause human exposure to electromagnetic radiation beyond the limits outlined in the Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2003 and Radio Protection Standard for Maximum Exposure Levels to Radiofrequency Fields - 3Khz to 300Ghz.</p>	
<p>PO57</p> <p>Telecommunications facilities⁽⁸¹⁾ are co-located with existing telecommunications facilities⁽⁸¹⁾, Utility installation⁽⁸⁶⁾, Major electricity infrastructure⁽⁴³⁾ or Substation⁽⁸⁰⁾ if there is already a facility in the same coverage area.</p>	<p>AO57.1</p> <p>New telecommunication facilities⁽⁸¹⁾ are co-located on existing towers with new equipment shelter and associated structures positioned adjacent to the existing shelters and structures.</p> <p>AO57.2</p> <p>If not co-located with an existing facility, all co-location opportunities have been investigated and fully exhausted within a 2km radius of the site.</p>
<p>PO58</p> <p>A new Telecommunications facility⁽⁸¹⁾ is designed and constructed to ensure co-masting or co-siting with other carriers both on the tower or pole and at ground level is possible in the future.</p>	<p>AO58</p> <p>A minimum of 45m² is available at ground level to allow for additional equipment shelters and associated structures for the purpose of co-locating on the proposed facility.</p>
<p>PO59</p> <p>Telecommunications facilities⁽⁸¹⁾ do not conflict with lawful existing land uses both on and adjoining the site.</p>	<p>AO59</p> <p>The development results in no net reduction in the minimum quantity and standard of landscaping, private or communal open space or car parking spaces required under the planning scheme or under an existing development approval.</p>
<p>PO60</p> <p>The Telecommunications facility⁽⁸¹⁾ does not have an adverse impact on the visual amenity of a locality and is:</p> <p>a. high quality design and construction;</p> <p>b. visually integrated with the surrounding area;</p> <p>c. not visually dominant or intrusive;</p> <p>d. located behind the main building line;</p>	<p>AO60.1</p> <p>Where in an urban area, the development does not protrude more than 5m above the level of the existing treeline, prominent ridgeline or building rooftops in the surrounding townscape.</p> <p>AO60.2</p> <p>In all other areas towers do not exceed 35m in height.</p>

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<p>e. below the level of the predominant tree canopy or the level of the surrounding buildings and structures;</p> <p>f. camouflaged through the use of colours and materials which blend into the landscape;</p> <p>g. treated to eliminate glare and reflectivity;</p> <p>h. landscaped;</p> <p>i. otherwise consistent with the amenity and character of the zone and surrounding area.</p>	<p>AO60.3</p> <p>Towers, equipment shelters and associated structures are of a design, colour and material to:</p> <p>a. reduce recognition in the landscape;</p> <p>b. reduce glare and reflectivity.</p> <hr/> <p>AO60.4</p> <p>All structures and buildings are setback behind the main building line and a minimum of 10m from side and rear boundaries, except where in the Industry and Extractive industry zones, the minimum side and rear setback is 3m.</p> <p>Where there is no established building line the facility is located at the rear of the site.</p> <hr/> <p>AO60.5</p> <p>The facility is enclosed by security fencing or by other means to ensure public access is prohibited.</p> <hr/> <p>AO60.6</p> <p>A minimum 3m wide strip of dense planting is provided around the perimeter of the fenced area, between the facility and street frontage and adjoining uses.</p> <p>Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design.</p> <p>Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person, to ensure compliance with Planning scheme policy - Integrated design.</p>
<p>PO61</p> <p>Lawful access is maintained to the site at all times that does not alter the amenity of the landscape or surrounding uses.</p>	<p>AO61</p> <p>An Access and Landscape Plan demonstrates how 24 hour vehicular access will be obtained and maintained to the facility in a manner that is appropriate to the site's context.</p>
<p>PO62</p> <p>All activities associated with the development occur within an environment incorporating sufficient controls to ensure the facility generates no audible sound at the site boundaries where in a residential setting.</p>	<p>AO62</p> <p>All equipment comprising the Telecommunications facility⁽⁸¹⁾ which produces audible or non-audible sound is housed within a fully enclosed building incorporating sound control measures sufficient to ensure no noise from this equipment can be heard, or felt at the site boundary.</p>
<p>Tourist park ⁽⁸⁴⁾</p>	
<p>PO63</p> <p>Development associated with a tourist park⁽⁸⁴⁾.</p>	<p>No acceptable outcome provided.</p>

<p>a. is of a size, scale, intensity and design that minimises the potential for adverse noise, visual, privacy and traffic impacts on adjoining or nearby residents;</p> <p>b. provides suitable open space, buildings and facilities that meet the recreational, social and amenity needs of people staying on-site;</p> <p>c. provides landscape buffer along adjoining property boundaries to fully screen activities occurring on the site.</p>	
Transport depot ⁽⁸⁵⁾	
<p>PO64</p> <p>Development is located on a site of sufficient size to ensure:</p> <p>a. the scale and intensity of the development does not result in adverse visual or nuisance impacts on the residents in adjoining or nearby dwellings;</p> <p>b. vehicular and pedestrian traffic generation consistent with that reasonably expected in the surrounding locality.</p>	<p>AO64.1</p> <p>Development, including all vehicle parking, drive way areas and storage areas, is set back 30m from all property boundaries.</p> <hr/> <p>AO64.2</p> <p>The maximum number of heavy vehicles, trailers and motor vehicles stored on-site is as follows:</p> <p>a. 4 heavy vehicles</p> <p>b. 4 trailers</p> <p>c. 6 motor vehicles.</p>
<p>PO65</p> <p>Development is suitably screened to ensure adverse visual impacts on the residents in adjoining or nearby dwellings are minimised.</p>	<p>AO65</p> <p>Vehicle parking areas, vehicle standing areas and outdoor storage areas of plant and equipment are screened from adjoining sites by either planting, wall(s), fence(s) or a combination to at least 1.8m in height along the length of those areas.</p> <p>Planting for screening is to have a minimum depth of 3m.</p>
<p>Values and constraints criteria</p> <p>Note - The relevant values and constraints criteria do not apply where the development, the subject of the application, is associated and consistent with, and subsequent to a current Development permit for Reconfiguring a lot or Material change of use, where that approval, under this or a superseded planning scheme, has considered and addressed (e.g. through a development footprint plan or similar, or conditions of approval) the identified value or constraint under this planning scheme.</p>	
<p>Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following assessment criteria apply)</p> <p>Note - Planning scheme policy - Acid sulfate soils provides guidance for self-assessable development that has the potential to disturb acid sulfate soils i.e. development involving filling or excavation works below the thresholds of 100m³ and 500m³ respectively.</p>	
PO66	AO66

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<p>Development avoids disturbing acid sulfate soils. Where development disturbs acid sulfate soils, development:</p> <ol style="list-style-type: none"> is managed to avoid or minimise the release of surface or groundwater flows containing acid and metal contaminants into the environment; protects the environmental and ecological values and health of receiving waters; protects buildings and infrastructure from the effects of acid sulfate soils. 	<p>Development does not involve:</p> <ol style="list-style-type: none"> excavation or otherwise removing of more than 100m³ of soil or sediment where below than 5m Australian Height datum AHD; or filling of land of more than 500m³ of material with an average depth of 0.5m or greater where below the 5m Australian Height datum AHD.
<p>Bushfire hazard areas (refer Overlay map - Bushfire hazard to determine if the following assessment criteria apply)</p> <p>Note - To demonstrate achievement of the performance outcomes, a bushfire management plan is prepared by a suitably qualified person. Guidance for the preparation of a bushfire management plan is provided in Planning scheme policy – Bushfire hazard areas.</p> <p>Note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.</p>	
<p>PO67</p> <p>Development:</p> <ol style="list-style-type: none"> minimises the number of buildings and people working and living on a site exposed to bushfire risk; ensures the protection of life during the passage of a fire front; is located and designed to increase the chance of survival of buildings and structures during a bushfire; minimises bushfire risk from build up of fuels around buildings and structures; ensure safe and effective access for emergency services during a bushfire. 	<p>AO67.1</p> <p>Buildings and structures are:</p> <ol style="list-style-type: none"> not located on a ridgeline; not located on land with a slope greater than 15% (see Overlay map - Landslide hazard (for land having a slope greater than 15%)); dwellings are located on east to south facing slopes. <p>AO67.2</p> <p>Buildings and structures have contained within the site:</p> <ol style="list-style-type: none"> a separation from classified vegetation of 20m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; a separation from low threat vegetation of 10m or the distance required to achieve a bushfire attack level (BAL) at the building, roofed structure or fire fighting water supply of no more than 29, whichever is the greater; a separation of no less than 10m between a fire fighting water supply extraction point and any classified vegetation, buildings and other roofed structures; an area suitable for a standard fire fighting appliance to stand within 3m of a fire fighting water supply extraction point; and an access path suitable for use by a standard fire fighting appliance having a formed width of at least 4m, a cross-fall of no greater than 5%, and a longitudinal gradient of no greater than 25%.

	<ul style="list-style-type: none"> i. to, and around, each building and other roofed structure; and ii. to each fire fighting water supply extraction point. <p>Note - The meaning of the terms classified vegetation and low threat vegetation as well as the method of calculating the bushfire attack level are as described in Australian Standard AS 3959</p>
<p>PO68</p> <p>Development and associated driveways and access ways:</p> <ul style="list-style-type: none"> a. avoid potential for entrapment during a bushfire; b. ensure safe and effective access for emergency services during a bushfire; c. enable safe evacuation for occupants of a site during a bushfire. 	<p>AO68</p> <p>A length of driveway:</p> <ul style="list-style-type: none"> a. to a road does not exceed 100m between the most distant part of a building used for any purpose other than storage and the nearest part of a public road; b. has a maximum gradient no greater than 12.5%; c. have a minimum width of 3.5m; d. accommodate turning areas for fire fighting appliances in accordance with Qld Fire and Emergency Services' Fire Hydrant and Vehicle Access Guideline.
<p>PO69</p> <p>Development provides an adequate water supply for fire-fighting purposes.</p>	<p>AO69</p> <ul style="list-style-type: none"> a. a reticulated water supply is provided by a distributor retailer for the area or; b. where not connected to a reticulated water supply, on-site fire fighting water storage containing not less than 10 000 litres (tanks with fire brigade tank fittings, swimming pools) is located within 10m of buildings and structures. c. Where a swimming pool is the nominated on-site fire fighting water storage source, vehicle access is provided to within 3m of that water storage source. d. Where a tank is the nominated on-site fire fighting water storage source, it includes: <ul style="list-style-type: none"> i. a hardstand area allowing medium rigid vehicles (15 tonne fire appliance) access within 6m of the tank; ii. fire brigade tank fittings, comprising 50mm ball valve and male camlock coupling and, if underground, an access hole of 200mm (minimum) to accommodate suction lines.
<p>PO70</p> <p>Development:</p> <ul style="list-style-type: none"> a. does not present unacceptable risk to people or environment due to the impact of bushfire on dangerous goods or combustible liquids; b. does not present danger or difficulty to emergency services for emergency response or evacuation. 	<p>AO70</p> <p>Development does not involve the manufacture or storage of hazardous chemicals.</p>

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<p>Editor's note - Unacceptable risk is defined as a situation where people or property are exposed to a predictable hazard event that may result in serious injury, loss of life, failure of community infrastructure, or property damage.</p>	
<p>Environmental areas (refer Overlay map - Environmental areas to determine if the following assessment criteria apply)</p> <p>Note – The following are exempt from the native vegetation clearing provisions of this planning scheme:</p> <ol style="list-style-type: none"> Clearing of native vegetation located within an approved development footprint; Clearing of native vegetation within 10m from a lawfully established building reasonably necessary for emergency access or immediately required in response to an accident or emergency; Clearing of native vegetation reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure; Clearing of native vegetation reasonably necessary to construct and maintain a property boundary fence and not exceed 4m in width either side of the fence where in the Rural, Rural residential and Environmental Management and Conservation zones. In any other zone, clearing is not to exceed 2m in width either side of the fence; Clearing of native vegetation reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes; Clearing of native vegetation in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council; Clearing of native vegetation associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens; Grazing of native pasture by stock; Native forest practice where exempt under Part 1, 1.7.7 Exempt development <p>Note - Definition for native vegetation is located in Schedule 1 Definitions.</p> <p>Note - Native vegetation subject to this criteria primarily comprises of matters of national environmental significance (MNES), matters of state environmental significance (MSES). They also comprise some matters of local environmental significance (MLES). A MLES is defined in Schedule 1.2, Administrative definitions. A list of the elements that apply to the mapped MSES and MLES is provided in Appendix 1 of the Planning scheme policy - Environmental areas.</p> <p>Editors' Note - The accuracy of overlay mapping can be challenged through the development application process (code assessable development) or by way of a planning scheme amendment. See Council's website for details.</p> <p>Note - To demonstrate achievement of the performance outcome, an ecological assessment, vegetation management plan and fauna management plan, as required, are prepared by a suitably qualified person. Guidance for the preparation of above mentioned reports is provided in Planning scheme policy - Environmental areas.</p>	
<p>Vegetation clearing, ecological value and connectivity</p>	
<p>PO71</p> <p>Development avoids locating in a High Value Area or a Value Offset Area. Where it is not practicable or reasonable for development to avoid establishing in these areas, development must ensure that:</p> <ol style="list-style-type: none"> the quality and integrity of the biodiversity and ecological values inherent to a High Value Area 	<p>No acceptable outcome provided.</p>

<p>and a Value Offset Area is maintained and not lost or degraded;</p> <p>b. on-site mitigation measures, mechanisms or processes are in place demonstrating the quality and integrity of the biodiversity and ecological values inherent to a High Value Area and a Value Offset Area area maintained. For example, this can be achieved through replacement, restoration or rehabilitation planting as part of any proposed covenant, the development of a Vegetation Management Plan, a Fauna Management Plan, and any other on-site mitigation options identified in the Planning scheme policy - Environmental areas*.</p> <p>* Editor's note - This is not a requirement for an environmental offset under the Environmental Offsets Act 2014.</p>	
<p>PO72</p> <p>Development provides for safe, unimpeded, convenient and ongoing wildlife movement and establishes and maintains habitat connectivity by:</p> <p>a. retaining habitat trees;</p> <p>b. providing contiguous patches of habitat;</p> <p>c. provide replacement and rehabilitation planting to improve connectivity;</p> <p>d. avoiding the creation of fragmented and isolated patches of habitat;</p> <p>e. providing wildlife movement infrastructure.</p> <p>Editor's note - Wildlife movement infrastructure may include refuge poles, tree boulevarding, 'stepping stone' vegetation plantings, tunnels, appropriate wildlife fencing; culverts with ledges, underpasses, overpasses, land bridges and rope bridges. Further information is provided in Planning scheme policy – Environmental areas.</p>	No acceptable outcome provided.
Vegetation clearing and habitat protection	
<p>PO73</p> <p>Development ensures that the biodiversity quality and integrity of habitats is not adversely impacted upon but maintained and protected.</p>	No acceptable outcome provided.
<p>PO74</p> <p>Development does not result in the net loss or degradation of habitat value in a High Value Area or a Value Offset Area. Where development does result in the loss or degradation of habitat value, development will:</p> <p>a. rehabilitate, revegetate, restore and enhance an area to ensure it continues to function as a viable and healthy habitat area;</p>	No acceptable outcome provided.

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<ul style="list-style-type: none"> b. provide replacement fauna nesting boxes in the event of habitat tree loss in accordance with Planning scheme policy - Environmental areas; c. undertake rehabilitation, revegetation and restoration in accordance with the South East Queensland Ecological Restoration Framework. 	
<p>PO75</p> <p>Development ensures safe, unimpeded, convenient and ongoing wildlife movement and habitat connectivity by:</p> <ul style="list-style-type: none"> a. providing contiguous patches of habitat; b. avoiding the creation of fragmented and isolated patches of habitat; c. providing wildlife movement infrastructure; d. providing replacement and rehabilitation planting to improve connectivity. 	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and soil resource stability</p>	
<p>PO76</p> <p>Development does not:</p> <ul style="list-style-type: none"> a. result in soil erosion or land degradation; b. leave cleared land exposed for an unreasonable periods of time but is rehabilitated in a timely manner. 	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and water quality</p>	
<p>PO77</p> <p>Development maintains or improves the quality of groundwater and surface water within, and downstream, of a site by:</p> <ul style="list-style-type: none"> a. ensuring an effective vegetated buffers and setbacks from waterbodies is retained to achieve natural filtration and reduce sediment loads; b. avoiding or minimising changes to landforms to maintain hydrological water flows; c. adopting suitable measures to exclude livestock from entering a waterbody where a site is being used for animal husbandry⁽⁴⁾ and animal keeping⁽⁵⁾ activities. 	<p>No acceptable outcome provided.</p>
<p>PO78</p> <p>Development minimises adverse impacts of stormwater run-off on water quality by:</p> <ul style="list-style-type: none"> a. minimising flow velocity to reduce erosion; b. minimising hard surface areas; c. maximising the use of permeable surfaces; d. incorporating sediment retention devices; e. minimising channelled flow. 	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and access, edge effects and urban heat island effects</p>	

<p>PO79</p> <p>Development retains safe and convenient public access in a manner that does not result in the adverse edge effects or the loss or degradation of biodiversity values within the environment.</p>	<p>No acceptable outcomes provided.</p>
<p>PO80</p> <p>Development minimises potential adverse 'edge effects' on ecological values by:</p> <ol style="list-style-type: none"> providing dense planting buffers of native vegetation between a development and environmental areas; retaining patches of native vegetation of greatest possible size where located between a development and environmental areas ; restoring, rehabilitating and increasing the size of existing patches of native vegetation; ensuring that buildings and access (public and vehicle) are setback as far as possible from environmental areas and corridors; landscaping with native plants of local origin. <p>Editor's note - Edge effects are factors of development that go to detrimentally affecting the composition and density of natural populations at the fringe of natural areas. Factors include weed invasion, pets, public and vehicle access, nutrient loads, noise and light pollution, increased fire frequency and changes in the groundwater and surface water flow.</p>	<p>No acceptable outcome provided.</p>
<p>PO81</p> <p>Development avoids adverse microclimate change and does not result in increased urban heat island effects. Adverse urban heat island effects are minimised by:</p> <ol style="list-style-type: none"> pervious surfaces; providing deeply planted vegetation buffers and green linkage opportunities; landscaping with local native plant species to achieve well-shaded urban places; increasing the service extent of the urban forest canopy. 	<p>No acceptable outcome provided.</p>
<p>Vegetation clearing and Matters of Local Environmental Significance (MLES) environmental offsets</p>	
<p>PO82</p> <p>Where development results in the unavoidable loss of native vegetation within a Value Offset Area MLES waterway buffer or a Value Offset Area MLES wetland buffer, an environmental offset is required in accordance with the environmental offset requirements identified in Planning scheme policy - Environmental areas.</p> <p>Editor's note - For MSES Koala Offsets, State Planning Regulatory Provision environmental offset provisions apply.</p>	<p>No acceptable outcome provided.</p>

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Extractive resources transport routes (refer Overlay map - Extractive resources (transport route and buffer) to determine if the following assessment criteria apply)

PO83

Development:

- a. does not increase in the number of people living in close proximity to a transport route and being subject to the adverse effects from the transportation route;
- b. does not result in the establishment of uses that are incompatible with the operation of Extractive resources transport routes;
- c. adopts design and location measures to satisfactorily mitigate the potential adverse impacts associated with transportation routes on sensitive land uses. Such measures include, but are not limited to:
 - i. locating the furthest distance possible from the transportation route;
 - ii. habitable rooms being located the furthest from the transportation route;
 - iii. shielding and screening private outdoor recreation space from the transportation routes.

AO83

The following uses are not located within the 100m wide transport route buffer:

- a. Caretaker's accommodation⁽¹⁰⁾, except where located in the Extractive industry zone;
- b. Community residence⁽¹⁶⁾;
- c. Dual occupancy⁽²¹⁾;
- d. Dwelling house⁽²²⁾;
- e. Dwelling unit⁽²³⁾;
- f. Hospital⁽³⁶⁾;
- g. Rooming accommodation⁽⁶⁹⁾;
- h. Multiple dwelling⁽⁴⁹⁾;
- i. Non-resident workforce accommodation⁽⁵²⁾;
- j. Relocatable home park⁽⁶²⁾;
- k. Residential care facility⁽⁶⁵⁾;
- l. Resort complex⁽⁶⁶⁾;
- m. Retirement facility⁽⁶⁷⁾;
- n. Rural workers' accommodation⁽⁷¹⁾;
- o. Short-term accommodation⁽⁷⁷⁾;
- p. Tourist park⁽⁸⁴⁾.

PO84

Development:

- a. does not adversely impact upon the efficient and effective transportation of extractive material along a transportation route;
- b. ensures vehicle access and egress along transportation routes are designed and located to achieve a high degree of safety, having good visibility;
- c. utilises existing vehicle access points and where existing vehicle access points are sub-standard or poorly formed, they are upgraded to an appropriate standard.

AO84.1

Development does not create a new vehicle access point onto an Extractive resources transport route.

AO84.2

A vehicle access point is located, designed and constructed in accordance with Planning scheme policy - Integrated design.

Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following assessment criteria apply)

Note - To assist in demonstrating achievement of heritage performance outcomes, a Cultural heritage impact assessment report is prepared by a suitably qualified person verifying the proposed development is in accordance with The Australia ICOMOS Burra Charter.

Note - To assist in demonstrating achievement of this performance outcome, a Tree assessment report is prepared by a qualified arborist in accordance with Planning scheme policy - Heritage and landscape character. The Tree assessment report will also detail the measures adopted in accordance with AS 4970-2009 Protection of trees on development sites.

Note - Places, including sites, objects and buildings having local cultural heritage significance, are identified on Overlay map - Heritage and landscape character and listed in Schedule 1 of Planning scheme policy - Heritage and landscape character. Places also having cultural heritage significance at a State level and being entered in the Queensland Heritage Register, are also identified in Schedule 1 of Planning scheme policy - Heritage and landscape character.

<p>PO85</p> <p>Development will:</p> <ol style="list-style-type: none"> not diminish or cause irreversible damage to the cultural heritage values present on the site, and associated with a heritage site, object or building; protect the fabric and setting of the heritage site, object or building; be consistent with the form, scale and style of the heritage site, object or building; utilise similar materials to those existing, or where this is not reasonable or practicable, neutral materials and finishes; incorporate complementary elements, detailing and ornamentation to those present on the heritage site, object or building; retain public access where this is currently provided. 	<p>AO85</p> <p>Development is for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value.</p> <p>Note - A cultural heritage conservation management plan for the preservation, maintenance, repair and restoration of a site, object or building of cultural heritage value is prepared in accordance with Planning scheme policy - Heritage and landscape character. The plan is sent to, and approved by Council prior to the commencement of any preservation, maintenance, repair and restoration works.</p>
<p>PO86</p> <p>Demolition and removal is only considered where:</p> <ol style="list-style-type: none"> a report prepared by a suitably qualified conservation architect or conservation engineer demonstrates that the building is structurally unsound and is not reasonably capable of economic repair; or demolition is confined to the removal of outbuildings, extensions and alterations that are not part of the original structure; or limited demolition is performed in the course of repairs, maintenance or restoration; or demolition is performed following a catastrophic event which substantially destroys the building or object. 	<p>No acceptable outcome provided.</p>
<p>PO87</p> <p>Where development is occurring on land adjoining a site of cultural heritage value, the development is to be sympathetic to and consistent with the cultural heritage values present on the site and not result in their values being eroded, degraded or unreasonably obscured from public view.</p>	<p>No acceptable outcome provided.</p>
<p>PO88</p> <p>Development does not adversely impact upon the health and vitality of significant trees. Where development occurs in proximity to a significant tree, construction measures and techniques as detailed in AS 4970-2009 Protection of trees on development sites are adopted to ensure a significant tree's health, wellbeing and vitality.</p>	<p>AO88</p> <p>Development does:</p> <ol style="list-style-type: none"> not result in the removal of a significant tree; not occur within 20m of a protected tree; involve pruning of a tree in accordance with Australian Standard AS 4373-2007 – Pruning of Amenity Trees.

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<p>Significant trees are only removed where they are in a poor state of health or where they pose a health and safety risk to persons or property. A Tree Assessment report prepared by a suitably qualified arborist confirming a tree's state of health is required to demonstrate achievement of this performance outcome.</p>	
<p>Landslide (refer Overlay map - Landslide hazard to determine if the following assessment criteria apply)</p> <p>Note - To demonstrate achievement of the performance outcomes, a site-specific geotechnical assessment report is prepared by a qualified engineer. Guidance for the preparation of a geotechnical assessment report is provided in Planning scheme policy – Landslide hazard.</p>	
<p>PO89</p> <p>Development:</p> <ol style="list-style-type: none"> maintains the safety of people and property on a site and neighbouring sites from landslides; ensures the long-term stability of the site considering the full nature and end use of the development; ensures site stability during all phases of construction and development; minimises disturbance of natural drainage patterns of the site and does not result in the redirection or alteration of the existing flow of surface or groundwater minimises adverse visual impacts on the amenity of adjoining residents and provides a positive interface with the streetscape. 	<p>AO89</p> <p>Development does not:</p> <ol style="list-style-type: none"> involve earthworks exceeding 50m³; involve cut and fill having a height greater than 600mm; involve any retaining wall having a height greater than 600mm; redirect or alter the existing flow of surface or groundwater.
<p>PO90</p> <p>Buildings are designed to respond to sloping topography in the siting, design and form of buildings and structures by:</p> <ol style="list-style-type: none"> minimising overuse of cut and fill to create single flat pads and benching; avoiding expanses of retaining walls, loss of trees and vegetation and interference with natural drainage systems; minimising any adverse visual impact on the landscape character ; Protect the amenity of adjoining properties. 	<p>AO90</p> <p>Buildings, excluding domestic outbuildings:</p> <ol style="list-style-type: none"> are split-level, multiple-slab, pier or pole construction; are not single plane slab on ground.
<p>PO91</p> <p>Development protects the safety of people, property and the environment from the impacts of landslide on hazardous chemicals manufactured, handled or stored by incorporating design measures to ensure:</p> <ol style="list-style-type: none"> the long-term stability of the development site considering the full nature and end use of the development; site stability during all phases of construction and development; 	<p>AO91</p> <p>Development does not involve the manufacture, handling or storage of hazardous chemicals.</p>

<p>c. the development is not adversely affected by landslide activity originating on sloping land above the site;</p> <p>d. emergency access and access from the site for the public and emergency vehicles is available and is not at risk from landslide.</p>	
<p>Infrastructure buffers (refer Overlay map - Infrastructure buffers to determine if the following assessment criteria apply)</p>	
<p>PO92</p> <p>Odour sensitive development is separated from Wastewater treatment plants so they are not adversely affected by odour emission or other air pollutant impacts.</p>	<p>AO92</p> <p>The following uses are not located within a wastewater treatment plant buffer:</p> <ul style="list-style-type: none"> a. Caretaker's accommodation⁽¹⁰⁾; b. Community residence⁽¹⁶⁾; c. Dual occupancy⁽²¹⁾; d. Dwelling house⁽²²⁾; e. Dwelling unit⁽²³⁾; f. Hospital⁽³⁶⁾; g. Rooming accommodation⁽⁶⁹⁾; h. Multiple dwelling⁽⁴⁹⁾; i. Non-resident workforce accommodation⁽⁵²⁾; j. Relocatable home park⁽⁶²⁾; k. Residential care facility⁽⁶⁵⁾; l. Resort complex⁽⁶⁶⁾; m. Retirement facility⁽⁶⁷⁾; n. Rural workers' accommodation⁽⁷¹⁾; o. Short-term accommodation⁽⁷⁷⁾; p. Tourist park⁽⁸⁴⁾.
<p>PO93</p> <p>Development within a Water supply buffer captures solid or liquid waste from all land use, development and activities is designed, constructed and managed to prevent the release of contaminants to surface water or groundwater bodies.</p>	<p>AO93.1</p> <p>Run-off and sediment from roadways and impervious surfaces within a Water supply buffer are intercepted and treated on-site to remove oil, grease, chemicals, silt, trace metals and nutrients such as nitrogen and phosphorous.</p> <p>AO93.2</p> <p>Incineration or burial of waste within a Water supply buffer is not undertaken onsite.</p> <p>AO93.3</p> <p>Solid waste within a Water supply buffer is collected and stored in weather proof, sealed waste receptacles, located in roofed and bunded areas, for disposal by a licenced contractor.</p> <p>AO93.4</p> <p>Holding tanks within a Water supply buffer are used for all liquid waste and provide for the separation of oils/solvents and solids prior to pump-out and collection by a licenced contractor.</p>

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	<p>AO93.5</p> <p>Management, handling and storage of hazardous chemicals (including fuelling of vehicles) within a Water supply buffer, is undertaken in secured, climate controlled, weather proof, level and bunded enclosures.</p>
<p>PO94</p> <p>On-site sewerage systems within a Water supply buffer are designed and operated to ensure there is no worsening or adverse impacts to health risks, environmental risks and water quality.</p> <p>Editor's Note - For guidance refer to the Seq water Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.</p>	<p>AO94</p> <p>Secondary treated wastewater treatment systems within a Water supply buffer include:</p> <ol style="list-style-type: none"> emergency storage capable of holding 3-6 hours peak flow of treated effluent in the event of emergencies or overload with provision for de-sludging; back up pump installation and backup power; MEDLI modelling to determine irrigation rates and sizing of irrigation areas; vegetated land application areas are not located in overland flow paths or on areas that perform groundwater recharge or discharge functions; and wastewater collection and storage systems have a capacity to accommodate full load at peak times and includes temporary facilities.
<p>PO95</p> <p>Development within a Bulk water supply infrastructure buffer is located, designed and constructed to:</p> <ol style="list-style-type: none"> protect the integrity of the water supply pipeline; maintain adequate access for any required maintenance or upgrading work to the water supply pipeline; 	<p>AO95</p> <p>Development:</p> <ol style="list-style-type: none"> does not involve the construction of any buildings or structures within a Bulk water supply infrastructure buffer; involving a major hazard facility or environmentally relevant activity (ERA) is setback 30m from a Bulk water supply infrastructure buffer.
<p>PO96</p> <p>Development is located and designed to maintain required access to Bulk water supply infrastructure.</p>	<p>AO96</p> <p>Development does not restrict access to Bulk water supply infrastructure of any type or size, having regard to (among other things):</p> <ol style="list-style-type: none"> buildings or structures; gates and fences; storage of equipment or materials; landscaping or earthworks or stormwater or other infrastructure.
<p>PO97</p> <p>Odour sensitive development is separated from landfill sites so they are not adversely affected by odour emission or other air pollutant impacts.</p>	<p>AO97</p> <p>The following uses are not located within a Landfill buffer:</p> <ol style="list-style-type: none"> Caretaker's accommodation⁽¹⁰⁾; Community residence⁽¹⁶⁾;

	<ul style="list-style-type: none"> c. Dual occupancy⁽²¹⁾; d. Dwelling house⁽²²⁾; e. Dwelling unit⁽²³⁾; f. Hospital⁽³⁶⁾; g. Rooming accommodation⁽⁶⁹⁾; h. Multiple dwelling⁽⁴⁹⁾; i. Non-resident workforce accommodation⁽⁵²⁾; j. Relocatable home park⁽⁶²⁾; k. Residential care facility⁽⁶⁵⁾; l. Resort complex⁽⁶⁶⁾; m. Retirement facility⁽⁶⁷⁾; n. Rural workers' accommodation⁽⁷¹⁾; o. Short-term accommodation⁽⁷⁷⁾; p. Tourist park⁽⁸⁴⁾.
<p>PO98</p> <p>Development within a High voltage electricity line buffer provides adequate buffers to high voltage electricity lines to protect amenity and health by ensuring development:</p> <ul style="list-style-type: none"> a. is located and designed to avoid any potential adverse impacts on personal health and wellbeing from electromagnetic fields in accordance with the principle of prudent avoidance; b. is located and designed in a manner that maintains a high level of security of supply; c. is located and design so not to impede upon the functioning and maintenance of high voltage electrical infrastructure. 	<p>AO98</p> <p>Development does not involve the construction of any buildings or structures within a High voltage electricity line buffer.</p>
<p>PO99</p> <p>Development within a Pumping station buffer is located, designed and constructed to:</p> <ul style="list-style-type: none"> a. ensure that odour or other air pollutant impacts on the amenity of the development met the air quality of objectives in the Environmental Protection (Air) Policy 2008; b. ensure that noise impacts on the amenity of the development met the indoor noise objectives set out in the Environmental Protection (Noise) Policy 2008. 	<p>AO99</p> <p>Development does not involve the construction of any buildings or structures within a Pumping station buffer.</p>
<p>Overland flow path (refer Overlay map - Overland flow path to determine if the following assessment criteria apply)</p> <p>Note - The applicable river and creek flood planning levels associated with defined flood event (DFE) within the inundation area can be obtained by requesting a flood check property report from Council.</p>	
<p>PO100</p> <p>Development:</p>	<p>No acceptable outcome provided.</p>

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<ul style="list-style-type: none"> a. minimises the risk to persons from overland flow; b. does not increase the potential for damage from overland flow either on the premises or other premises, public land, watercourses, roads or infrastructure. 	
<p>PO101</p> <p>Development:</p> <ul style="list-style-type: none"> a. maintains the conveyance of overland flow predominantly unimpeded through the premises for any event up to and including the 1% AEP for the fully developed upstream catchment; b. does not concentrate, intensify or divert overland flow onto an upstream, downstream or surrounding property. <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow.</p>	<p>No acceptable outcome provided.</p>
<p>PO102</p> <p>Development does not:</p> <ul style="list-style-type: none"> a. directly, indirectly or cumulatively cause any increase in overland flow velocity or level; b. increase the potential for flood damage from overland flow either on the premises or other premises, public lands, watercourses, roads or infrastructure. <p>Note - Open concrete drains greater than 1m in width are not an acceptable outcome, nor are any other design options that may increase scouring.</p>	<p>No acceptable outcome provided.</p>
<p>PO103</p> <p>Development ensures that public safety and the risk to the environment are not adversely affected by a detrimental impact of overland flow on a hazardous chemical located or stored on the premises.</p>	<p>AO103</p> <p>Development ensures that a hazardous chemical is not located or stored in an Overland flow path area.</p> <p>Note - Refer to the Work Health and Safety Act 2011 and associated Regulation and Guidelines, the Environmental Protection Act 1994 and the relevant building assessment provisions under the Building Act 1975 for requirements related to the manufacture and storage of hazardous substances.</p>
<p>PO104</p> <p>Development which is not in a Rural zone ensures that overland flow is not conveyed from a road or public open space onto a private lot.</p>	<p>AO104</p> <p>Development which is not in a Rural zone that an overland flow paths and drainage infrastructure is provided to convey overland flow from a road or public open space area away from a private lot.</p>

<p>PO105</p> <p>Development ensures that inter-allotment drainage infrastructure, overland flow paths and open drains through private property cater for overland flows for a fully developed upstream catchment and are able to be easily maintained.</p> <p>Note - A report from a suitably qualified Registered Professional Engineer Queensland is required certifying that the development does not increase the potential for significant adverse impacts on an upstream, downstream or surrounding premises.</p> <p>Note - Reporting to be prepared in accordance with Planning scheme policy – Flood hazard, Coastal hazard and Overland flow</p>	<p>AO105.1</p> <p>Development ensures that roof and allotment drainage infrastructure is provided in accordance with the following relevant level as identified in QUDM:</p> <ul style="list-style-type: none"> a. Urban area – Level III; b. Rural area – N/A; c. Industrial area – Level V; d. Commercial area – Level V.
<p>PO106</p> <p>Development protects the conveyance of overland flow such that an easement for drainage purposes is provided over:</p> <ul style="list-style-type: none"> a. a stormwater pipe if the nominal pipe diameter exceeds 300mm; b. an overland flow path where it crosses more than one premises; c. inter-allotment drainage infrastructure. <p>Note - Refer to Planning scheme policy - Integrated design for details and examples.</p> <p>Note - Stormwater Drainage easement dimensions are provided in accordance with Section 3.8.5 of QUDM.</p>	<p>PO105.2</p> <p>Development ensures that inter-allotment drainage infrastructure is designed to accommodate any event up to and including the 1% AEP for the fully developed upstream catchment.</p> <p>No acceptable outcome provided.</p>
<p>Additional criteria for development for a Park⁽⁵⁷⁾</p>	
<p>PO107</p> <p>Development for a Park⁽⁵⁷⁾ ensures that the design and layout responds to the nature of the overland flow affecting the premises such that:</p> <ul style="list-style-type: none"> a. public benefit and enjoyment is maximised; b. impacts on the asset life and integrity of park structures is minimised; c. maintenance and replacement costs are minimised. 	<p>AO107</p> <p>Development for a Park⁽⁵⁷⁾ ensures works are provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.</p>
<p>Riparian and wetland setbacks</p>	
<p>PO108</p>	<p>AO108</p>

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<p>Development provides and maintains a suitable setback from waterways and wetlands that protects natural and environmental values. This is achieved by recognising and responding to the following matters:</p> <ul style="list-style-type: none">a. impact on fauna habitats;b. impact on wildlife corridors and connectivity;c. impact on stream integrity;d. impact of opportunities for revegetation and rehabilitation planting;e. edge effects.	<p>Development does not occur within:</p> <ul style="list-style-type: none">a. 50m from top of bank for W1 waterway and drainage lineb. 30m from top of bank for W2 waterway and drainage linec. 20m from top of bank for W3 waterway and drainage lined. 100m from the edge of a Ramsar wetland, 50m from all other wetlands. <p>Note - W1, W2 and W3 waterway and drainage lines, and wetlands are mapped on Schedule 2, Section 2.5 Overlay Maps – Riparian and wetland setbacks.</p>
<p>Transport noise corridors (refer Overlay map - Transport noise corridors to determine if the following assessment criteria apply)</p> <p>Note - This is for information purposes only. No self-assessable criteria or assessable criteria apply. Development located within a Transport Noise Corridor must satisfy the requirements of the Queensland Development Code</p>	