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| **Table 7.2.1.3.1 Requirements for accepted development - Kippa-Ring station precinct** |

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| **Requirements for accepted development** | **E Compliance*** **Yes**
* **No**
 | **Council confirmation** |
| **General requirements** |
| **Car parking** |  |  |
| **RAD1** | On-site car parking is provided at a rate identified in Schedule 7 - Car parking.  |  |  |
| **RAD2** | Minimum cycle parking spaces are provided at a minimum of 1 space per 200m2 of GFA.  |  |  |
| **Landscaping** |  |  |
| **RAD3** | Development does not result in a reduction in the area (m2) or standard of established landscaping on-site.  |  |  |
| **Lighting** |  |  |
| **RAD4** | 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.

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| Note -“Curfewed hours” are taken to be those hours between 10pm and 7am on the following day. |

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| **Waste** |  |  |
| **RAD5** | Where involving an extension (building work) bins and bin storage areas 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** |  |  |
| **RAD6** | Development does not result in the damaging, destroyed or clearing of a habitat tree. This does not apply to:1. Clearing of a habitat tree located within an approved development footprint;
2. 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;
3. Clearing of a habitat tree reasonably necessary to remove or reduce the risk vegetation poses to serious personal injury or damage to infrastructure;
4. 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;
5. Clearing of a habitat tree reasonably necessary for the purpose of maintenance or works within a registered easement for public infrastructure or drainage purposes;
6. Clearing of a habitat tree in accordance with a bushfire management plan prepared by a suitably qualified person, submitted to and accepted by Council;
7. Clearing of a habitat tree associated with removal of recognised weed species, maintaining existing open pastures and cropping land, windbreaks, lawns or created gardens;
8. Native forest practice where accepted development under Part 1, 1.7.7 Accepted development.

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| 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.  |

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| **Works requirements** |
| **Utilities** |  |  |
| **RAD7** | Where available, the development is connected to:1. an existing reticulated electricity supply;
2. telecommunications and broadband;
3. reticulated sewerage;
4. reticulated water;
5. sealed and dedicated road.
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| **Access** |  |  |
| **RAD8** | Any new or changes to existing site access and driveways are designed and located in accordance with:1. Where for a Council-controlled road, AS/NZS2890.1 section 3; or
2. 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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| **RAD9** | 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** |  |  |
| **RAD10** | 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.

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| 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.    |

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| **RAD11** | 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: 1. is for urban purposes only;
2. involves a land area greater than 2500m2;
3. will result in 6 or more dwellings; OR will result in an impervious area greater than 25% of the net developable area.
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| **Site works and construction management** |  |  |
| **RAD12** | The site and any existing structures are to be maintained in a tidy and safe condition. |  |  |
| **RAD13** | 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.  |  |  |
| **RAD14** | 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.  |  |  |
| **RAD15** | All native vegetation to be retained on-site is temporarily fenced or protected prior to and during development works.

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| Note - No parking of vehicles or storage of machinery or goods is to occur in these areas during development works. |

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| **RAD16** | Any damage to Council land or infrastructure is repaired or replaced with the same materials, prior to plan sealing, or final building classification.  |  |  |
| **RAD17** | 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** |  |  |
| **RAD18** | The site is prepared and the fill placed on-site in accordance with Australian Standard AS3798.

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| Note - The fill is to be inspected and tested in accordance with Planning scheme policy - Operational works inspection, maintenance and bonding procedures  |

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| **RAD19** | The total of all cut and fill on-site does not exceed 900mm in height.**Figure - Cut and fill** Cut and fill

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| Note - This is site earthworks not building work. |

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| **RAD20** | Filling or excavation does not result in:1. a reduction in cover over any Council or public sector entity infrastructure to less than 600mm;
2. 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.

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| Note - Public sector entity is defined in Schedule 2 of the Act. |

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| **Fire services**

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| Note - The provisions under this heading only apply if:1. the development is for, or incorporates:
	1. reconfiguring a lot for a community title scheme creating 1 or more vacant lots; or
	2. material change of use for 2 or more sole occupancy units on the same lot, or within the same community titles scheme; or
	3. material change of use for a Tourist park([84](http://consult.moretonbay.qld.gov.au/portal/mbrcpsv3?pointId=s1332743658181#target-d60297e449196)) with accommodation in the form of caravans or tents; or
	4. material change of use for outdoor sales([54](http://consult.moretonbay.qld.gov.au/portal/mbrcpsv3?pointId=s1332743658181#target-d60297e448307)), outdoor processing or outdoor storage where involving combustible materials.

AND1. none of the following exceptions apply:
	1. 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
	2. 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.  |

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| **RAD21** | 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*.

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| Note - For this requirement for accepted development, the following are the relevant parts of AS 2419.1 (2005):1. 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](http://consult.moretonbay.qld.gov.au/portal/mbrcpsv3?pointId=s1332743658181#target-d60297e449196)) 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;
2. 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);
3. 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:
	1. - for dwellings and their associated outbuildings, hydrant coverage need only extend to the roof and external walls of those buildings;
	2. - for caravans and tents, hydrant coverage need only extend to the roof of those tents and caravans;
	3. - for outdoor sales([54](http://consult.moretonbay.qld.gov.au/portal/mbrcpsv3?pointId=s1332743658181#target-d60297e448307)), processing or storage facilities, hydrant coverage is required across the entire area of the outdoor sales([54](http://consult.moretonbay.qld.gov.au/portal/mbrcpsv3?pointId=s1332743658181#target-d60297e448307)), outdoor processing and outdoor storage facilities; and
4. in regard to fire hydrant accessibility and clearance requirements - Part 3.5 and where applicable, Part 3.6.
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| **RAD22** | 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: 1. an unobstructed width of no less than 3.5m;
2. an unobstructed height of no less than 4.8m;
3. constructed to be readily traversed by a 17 tonne HRV fire brigade pumping appliance;
4. an area for a fire brigade pumping appliance to stand within 20m of each fire hydrant and 8m of each hydrant booster point.
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| **RAD23** | 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*.  |  |  |
| **RAD24** | For development that contains on-site fire hydrants external to buildings:1. those external hydrants can be seen from the vehicular entry point to the site; or
2. a sign identifying the following is provided at the vehicular entry point to the site:
	1. the overall layout of the development (to scale);
	2. internal road names (where used);
	3. all communal facilities (where provided);
	4. the reception area and on-site manager’s office (where provided);
	5. external hydrants and hydrant booster points;
	6. physical constraints within the internal roadway system which would restrict access by fire fighting appliances to external hydrants and hydrant booster points.

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| Note - The sign prescribed above, and the graphics used are to be:1. in a form;
2. of a size;
3. illuminated to a level;

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.  |

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| **RAD25** | 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 *Fire hydrant indication system* produced by the Queensland Department of Transport and Main Roads.

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| Note - Technical note Fire hydrant indication system is available on the website of the Queensland Department of Transport and Main Roads.  |

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| **Use specific requirements** |
| **Telecommunications facility(**[81](http://consult.moretonbay.qld.gov.au/portal/mbrcpsv3?pointId=s1332743658181#target-d60297e449122)**)**

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| Editor's note - In accordance with the Federal legislation Telecommunications facilities([81](http://consult.moretonbay.qld.gov.au/portal/mbrcpsv3?pointId=s1332743658181#target-d60297e449122)) 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.  |

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| **RAD26** | 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.  |  |  |
| **RAD27** | 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.  |  |  |
| **RAD28** | Equipment shelters and associated structures are located:1. directly beside the existing equipment shelter and associated structures;
2. behind the main building line;
3. further away from the frontage than the existing equipment shelter and associated structures;
4. 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.
 |  |  |
| **RAD29** | Equipment shelters and other associated structures are either the same type of colour or material to match the surrounding locality.  |  |  |
| **RAD30** | The facility is enclosed by security fencing or by other means to ensure public access is prohibited. |  |  |
| **RAD31** | 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.

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| Note - Landscaping is provided in accordance with Planning scheme policy - Integrated design. |
| Note - Council may require a detailed landscaping plan, prepared by a suitably qualified person to ensure compliance with Planning scheme policy - Integrated design.  |

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| **RAD32** | All equipment comprising the telecommunications facility([81](http://consult.moretonbay.qld.gov.au/portal/mbrcpsv3?pointId=s1332743658181#target-d60297e449122)) 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.  |  |  |

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| **Values and constraints requirements**

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| Note - The relevant values and constraints requirements do not apply where the development is consistent with a current Development permit for Reconfiguring a lot or Material change of use or Operational work, where that approval has considered and addressed (e.g. through a development footprint plan (or similar in the case of Landslide hazard) or conditions of approval) the identified value or constraint under this planning scheme.  |

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| **Acid sulfate soils - (refer Overlay map - Acid sulfate soils to determine if the following requirements apply)**

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| Note - Planning scheme policy - Acid sulfate soils provides guidance for requirements for accepted 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.  |

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| **RAD33** | Development does not involve:1. excavation or otherwise removing of more than 100m3 of soil or sediment where below 5m Australian Height Datum AHD, or
2. filling of land of more than 500m3 of material with an average depth of 0.5m or greater where below the 5m AHD.

Triggers diagram |  |  |
| **Heritage and landscape character (refer Overlay map - Heritage and landscape character to determine if the following requirements apply)**

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| 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.  |

 |
| **RAD34** | Development is for the preservation, maintenance, repair and restoration of the site, object or building.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.

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| Note - Preservation, maintenance, repair and restoration are defined in Schedule 1 - Definitions |

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| **RAD35** | 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. 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.  |  |  |
| **RAD36** | 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.  |  |  |
| **RAD37** | 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: 1. construction of any building;
2. laying of overhead or underground services;
3. any sealing, paving, soil compaction;
4. any alteration of more than 75mm to the ground level prior to work commencing.
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| **RAD38** | Pruning of a significant tree occurs in accordance with Australian Standard AS 4373-2007 - Pruning of Amenity Trees. |  |  |
| **Overland flow path (refer Overlay map - Overland flow path to determine if the following requirements apply)** |  |  |
| **RAD39** | 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.  |  |  |
| **RAD40** | 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.

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| 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 |

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| **RAD41** | Development for a material change of use or building work ensures that fencing in an overland flow path area is at least 50% permeable.  |  |  |
| **RAD42** | 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.  |  |  |
| **RAD43** | Development for a material change of use or building work for a Park([57](http://consult.moretonbay.qld.gov.au/portal/mbrcpsv3?pointId=s1332743658181#target-d60297e448382)) ensures that work is provided in accordance with the requirements set out in Appendix B of the Planning scheme policy - Integrated design.  |  |  |
| **Transport noise corridors (refer Overlay map - Transport noise corridors)**

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

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