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Drawings to be supported by digital versions in one of the formats specified in Appendix A - Section 5 of PSP - Operational works, inspection, maintenance and bonding procedures.

Certified registered engineer details:

Company:

Name: RPEQ number:

Postal address:

Business phone number:

Note: Contact numbers which you provide may be used to update council's records.

Subject property information:

Street address:

Real property description (RPD) (if not sealed, please provide previous RPD): Lot: Plan:

Development/subdivision permit number:

Estate name (if applicable): Stage number:

Compliance with development approvals issued by council:

- Material Change of Use development permit conditions
- Reconfiguring a Lot development permit conditions
- Provisions for adjoining development requirements
- Operational Works development permit conditions

Certification of engineering drawings:

All engineering drawings and specifications prepared and signed by a registered engineer in accordance with council's certification; Stage number to be included next to certification. Cross out and print in block "not in this stage" through information pertaining to other stages. See Appendix A & B certification wording for engineers and surveyors certification.

Title block on all engineering drawing to contain the following:

- Estate name (if applicable)
- Developers name
- Consultant's name and address
- Drawing number and sheet number
- Scale with a scale bar
- Locality description
- Origin of levels and location of permanent survey marks
- Schedule showing date and nature of amendments
- Drawing title
- Stage number (if applicable)

Locality plan to contain the following

- North point
- Major road names
- Adjacent localities
- Development area outlined and shaded or crosshatched
- Scale noted

Layout or stage plan drawings to include the following (if applicable):

- Layout of roads
- Approved road names
- Lot layout
- Lot numbers (as per survey plans)
- Stage boundaries clearly shown
- Lot dimensions and areas
- Easements
- North point
- All abandoned services that have been removed shown with a corresponding note

Roadworks plans to include the following (if applicable):

- Road names and road reserve boundaries
- Lot boundaries, including easements
- Centreline or construction line showing
 - Chainages
 - Bearings
 - Off sets if construction line is not the centreline of road
 - All intersection points
- Information for each curve including:
 - Tangent point chainages and offsets
 - Curve radii
 - Arc length
 - Tangent length
 - Super elevation (if applicable)
 - Curve widening (if applicable)
- Kerb lines, including:
 - Kerb radii (where not parallel to centreline)
 - Tangent point chainages (where not parallel to centreline)
- Edge of pavement where no kerb is constructed
- Position and extent of channelisation
- Location and details of all traffic signs, guideposts, guardrail, and other road furniture, etc
- Pavement markings
- Catch pit, manhole and pipeline locations
- Full drainage details where not otherwise shown
- Location and levels of permanent marks or reference marks
- Concrete footpaths and cycle paths
- Location of access points, invert crossing, pram ramps, etc. and details
- North point on each plan view
- Changes in surfacing material
- Scale shown

Intersection, cul-de-sac and speed control devices drawings to include the following (if applicable):

- Road names
- Kerb levels
- Pram ramp location
- Finished surface contours
- Channelisation details including set-out details, radii, etc
- Location of traffic signs, guide posts
- Linemarking (linemarking and signage may be shown on a separate plan)
- Speed control device details
- Section through medians/island etc.
- Details of construction methods for surfacing other than asphaltic concrete or sprayed bitumen
- Design vehicle paths shown on all LATM devices (intersections and mid block)

Road longitudinal sections drawings to include the following (if applicable):

- Road names
- Chainages on centreline (and construction line if used)
- Natural surface or peg levels
- Design road centreline levels
- Design grades
- Length and radii of vertical curves
- Chainage and levels at grade intersection points
- Chainage and levels at vertical curve tangent points
- Section through medians/island etc.
- Cut and/or fill depths
- Horizontal radii and tangent point chainages
- Kerb levels
- Total depth, and depth of pavement courses with CBR values or material used including design CBR
- Type and thickness of surfacing materials
- Road name, centreline and IP chainage of intersection side roads

Cross sections to include the following (if applicable):

- Standard format
- Road names
- Road reserve boundaries
- Road centreline or construction line
- Original natural surface line
- Constructed cross section shape
- Chainage on centreline or construction line together with natural surface level or peg level
- Offset to road centreline from peg line or construction line
- Cross fall batter slopes and dimensions where these differ to that shown on the type cross section
- Side drains shown
- No "open" cross sections - i.e. design and natural surface close
- All cross sections drawn in accordance with Department of Main Roads standard format
- Typical cross section shown for each road to include:
 - Road names
 - Road reserve width
 - Road width between face of kerbs, or pavement width where no kerb is constructed
 - Verge width
 - Location and width of concrete footpath or cycle path, where constructed
 - Off sets if construction line is not the centreline of road
 - Crossfalls and/or grades of pavement, footpaths and batters etc with offsets to change of grade point
 - Type and thickness of surfacing
 - Total depth and depth of pavement courses with CBR values of material used or refer to details on plan

Number:

- Position of subsoil drainage including notation regarding the extent of usage

Accessway (to lots) cross sections to include the following (if applicable)

- Cross section showing offsets to change of grades, including grades and/or levels and to show intersection of design and natural surface
- Any existing car accommodation or features
- Type and details of any surfacing to the access
- Road names and lot numbers being served

Pathways and bikeways drawings to including the following (if applicable):

- All pathways clearly shown
- Chicanes provided to each end of all pathways
- Concrete path shown for all pathways linking to kerb
- Bikepaths clearly shown with widths as per permit or approval
- Drainage pathways
- Drainage pathway cross section
- Verge details to ends of drainage pathways

Stormwater drainage catchment plan drawings to include the following (if applicable):

- Road name
- Existing and proposed property and road boundaries
- All catchments/sub-catchments called up according to the drainage calculation sheet
- Catchment/sub-catchment boundaries indicated by a bold line
- Proposed and As Constructed contours at a suitable interval
- Direction of watershed along the flow path given the longest time of concentration
- Stormwater reticulation schematic layout shown including manhole, inlet and outlet numbers (for urban catchments)
- All internal and external catchment boundaries shown to scale

Stormwater drainage detail plan to include the following (if applicable):

- Detail of pipe junctions in manholes, where pipe centrelines are offset from centre point of manhole
- Full details including reinforcing of non-standard manholes
- Catchpit and field inlet locations (chainage offset, levels, etc.)
- Manhole locations (chainage, offset, levels, etc.) or tie to property boundary
- Culvert locations (chainage, offset, levels, etc.)
- Invert levels and diameters of pipe connections from catchpits to manholes
- Road name

Roof water/inter-lot drainage plans to contain the following (if applicable):

- Road names
- Lot numbers as per survey plans
- Design and as built surface levels
- Pit or inlet locations, surface levels and inlet and outlet invert levels
- Easements
- Roof water lines and kerb outlets under concrete footpath in verge
- Pipe diameter and type of pipe
- Pipe offset from boundaries
- House connection details, tie, length, diameter, IL and SL for each lot

Stormwater details (if applicable):

- Longitudinal sections for each line contain the following:
 - Chainages
 - Original natural surface levels
 - Manhole and endwall chainages together with surface levels and inlet and outlet invert levels
 - Distances between manholes/catchpits/endwalls
 - Grade of each pipe section
 - Diameter and class and material of each pipe section
- Outlet works to contain the following:
 - Open drains
 - Swale / open drain cross sections at each peg chainage (usually 20m intervals)
 - Details of drop structures energy dissipaters, etc, (including top view, section views, etc)

Detention basin details to contain the following (if applicable):

- Plan view showing locality, road name
- Sectional views
- Details of basin wall construction
- Details of all inlet and outlet structures and control devices
- Extent of any permanent storage
- Maximum storage level
- Extent and nature of any landscaping
- Base slopes/crossfall shown
- Batter slopes shown
- Scour protection shown

Gross pollutant traps (if applicable):

- Plan layout/extent
- Long section and cross sections
- All materials specified/indicated
- Structural elements detailed

Noise attenuation works (if applicable):

- Earthworks/mounds - plan, sections and batter slopes
- Barrier/fence details, typical, certified
- Landscaping
- Road names
- Drainage details

Retaining walls and other structures (if applicable):

- Road names
- Lot numbers per survey plans
- Plan layout - extent
- Typical cross section
- Foundation details
- Drainage details
- Construction certified by appropriately experienced engineer

Landscaping plans drawings to include the following (if applicable):

- Road names
- Road reserve and property boundaries together with lot numbers
- Features bounding planting areas such as pathways, medians, etc
- Plan locations of trees and shrubs, etc called up from the schedule including spacings or area allowed between trees and shrubs
- Schedule of plant species with botanical and common names
- The position and type of any existing trees to be retained as part of landscaping or subdivisional works generally (excluding lot works)
- Construction details of any hard landscape elements, planter boxes, retaining walls, fences, etc
- Irrigation system details including valves, main line diameters and conduits
- Positions and extent of root intrusion barriers
- Details of improvement or modification from original design

General earthworks (fill plan) drawings to include the following (if applicable):

- Cut and fill areas clearly shown
- Pre and post contours (legend provided)
- Road and lot layout (indicate numbers)
- Road names
- Plan certified by surveyor

Privacy statement

Moreton Bay Regional Council is collecting your personal information for the purpose of assessing your As Constructed drawings.