

Policy 11: Land Development Guidelines

Appendices

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Office Use Only

FN:
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Appendix A

Engineering Drawings

Application Checklist

Development Name: Stage No:

Council File No:

PROPERTY DETAILS

Real Property Description:

Address:

CONSULTANT

a) Company Name: REPQ No:

b) Address: Phone No:

c) Contact Name: Fax No:

CHECK LIST ITEMS SUBMITTED

- | | | | | |
|---|------------|----|--------------------------|-----|
| a) General | Items..... | or | <input type="checkbox"/> | N/A |
| b) Earthworks and Roadworks | Items..... | or | <input type="checkbox"/> | N/A |
| c) Stormwater Drainage | Items..... | or | <input type="checkbox"/> | N/A |
| d) Water Supply | Items..... | or | <input type="checkbox"/> | N/A |
| e) Sewerage Reticulation | Items..... | or | <input type="checkbox"/> | N/A |
| f) Miscellaneous | Items..... | or | <input type="checkbox"/> | N/A |
| g) Dual Water Reticulation | Items..... | or | <input type="checkbox"/> | N/A |
| h) Reduced Infiltration Gravity Sewers (RIGS) | Items..... | or | <input type="checkbox"/> | N/A |

COUNCIL USE ONLY:

Receiving Officer's Name:

Date: / /

Action Taken:

.....

A: General		
1 Administration	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Application Form fully completed	<input type="checkbox"/>	
ii) Approvals and clearances:		
▪ Queensland Department of Transport	<input type="checkbox"/>	<input type="checkbox"/>
▪ Department of Environment	<input type="checkbox"/>	<input type="checkbox"/>
▪ Downstream drainage discharge rights	<input type="checkbox"/>	<input type="checkbox"/>
▪ Clearance for Works through other properties	<input type="checkbox"/>	<input type="checkbox"/>
▪ Energex/ Telstra	<input type="checkbox"/>	<input type="checkbox"/>
▪ Others:	<input type="checkbox"/>	<input type="checkbox"/>
iii) Relevant Standard Drawings included in application	<input type="checkbox"/>	
iv) Schedule of Drawings (submitted) attached	<input type="checkbox"/>	
v) Any building and construction work costing \$80,000 or more, the applicant is required under the Building and Construction Industry (Portable Long Service Leave) Act 1991 to supply evidence of the following: Estimated cost of works: \$ _____ If work is \$80,000 or more, provide one of the following:		
▪ payment of levy; or	<input type="checkbox"/>	<input type="checkbox"/>
▪ payment of the first instalment of levy; or	<input type="checkbox"/>	<input type="checkbox"/>
▪ an exemption from payment of levy; or	<input type="checkbox"/>	<input type="checkbox"/>
▪ an exemption from immediate payment of levy.	<input type="checkbox"/>	<input type="checkbox"/>
2 Compliance with Council Approvals	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Rezoning, consent or other Council approval	<input type="checkbox"/>	<input type="checkbox"/>
ii) Provisions for adjoining development requirements	<input type="checkbox"/>	<input type="checkbox"/>
3 All Engineering Drawings and Specifications prepared and signed by a Registered Professional Engineer	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4 Title Block on Engineering Drawings	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Estate name (if any)	<input type="checkbox"/>	<input type="checkbox"/>
ii) Stage number (if any)	<input type="checkbox"/>	<input type="checkbox"/>
iii) Developer's name	<input type="checkbox"/>	
iv) Consultant's name and address	<input type="checkbox"/>	
v) Drawing number and sheet number	<input type="checkbox"/>	
vi) Scale with a scale bar	<input type="checkbox"/>	
vii) Locality description	<input type="checkbox"/>	
viii) Origin of levels and location of permanent survey marks	<input type="checkbox"/>	
ix) Schedule showing date and nature of amendments	<input type="checkbox"/>	
x) Drawing title	<input type="checkbox"/>	
xi) Signed design certification by an experienced designer	<input type="checkbox"/>	

A: General

5 Locality Plan	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) North point	<input type="checkbox"/>	
ii) Major roads names	<input type="checkbox"/>	
iii) Adjacent localities	<input type="checkbox"/>	
iv) Development area outlined and shaded or crosshatched	<input type="checkbox"/>	
v) Scale noted	<input type="checkbox"/>	

6 Layout or Stage Plan	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Layout of roads	<input type="checkbox"/>	
ii) Approved road names (road number not acceptable)	<input type="checkbox"/>	
iii) Allotment layout	<input type="checkbox"/>	
iv) Lot numbers	<input type="checkbox"/>	
v) Access restriction strips	<input type="checkbox"/>	<input type="checkbox"/>
vi) Stage boundaries clearly shown	<input type="checkbox"/>	<input type="checkbox"/>
vii) Existing easements	<input type="checkbox"/>	<input type="checkbox"/>
viii) North point	<input type="checkbox"/>	

B: Earthworks and Roadworks

1 Earthworks	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Legend	<input type="checkbox"/>	
ii) Existing and proposed contours	<input type="checkbox"/>	
iii) Cut and fill areas clearly shown	<input type="checkbox"/>	
iv) Road and allotment layout (indicate numbers)	<input type="checkbox"/>	
v) Approved road names	<input type="checkbox"/>	
vi) Location(s) and level(s) of permanent survey mark(s), reference stations, etc. used as datum for the Works	<input type="checkbox"/>	
b) Design – Complies with Council's Guidelines:		
i) Maximum cut or fill at boundary of subject land > 500mm	<input type="checkbox"/>	
ii) No ponding or nuisance created at boundary of subject land	<input type="checkbox"/>	
iii) Batter slopes	<input type="checkbox"/>	
iv) Location and level of retaining walls (if required)	<input type="checkbox"/>	<input type="checkbox"/>
v) Defined flood level (if appropriate)	<input type="checkbox"/>	<input type="checkbox"/>
vi) Flood fill level (if appropriate)	<input type="checkbox"/>	<input type="checkbox"/>

2 Roadworks Drawings	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Approved road names and road reserve boundaries	<input type="checkbox"/>	
ii) Allotment boundaries, numbers, easements	<input type="checkbox"/>	
iii) Centreline or construction line showing:		
▪ Chainages	<input type="checkbox"/>	
▪ Bearings	<input type="checkbox"/>	
▪ Offsets if construction line is not the centreline of road	<input type="checkbox"/>	<input type="checkbox"/>
▪ All intersection points	<input type="checkbox"/>	
iv) Information for each curve including:		
▪ Tangent point chainages and offsets	<input type="checkbox"/>	
▪ Curve radii	<input type="checkbox"/>	
▪ Arc length	<input type="checkbox"/>	
▪ Tangent length	<input type="checkbox"/>	
▪ Superelevation (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Curve widening (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
v) Kerb Lines Including:		
▪ Kerb radii (where not parallel to centreline)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Tangent point chainages (where not parallel to centreline)	<input type="checkbox"/>	<input type="checkbox"/>
vi) Edge of pavement where no kerb is constructed	<input type="checkbox"/>	<input type="checkbox"/>
vii) Position and extent of channelisation	<input type="checkbox"/>	<input type="checkbox"/>
viii) Location and details of all traffic signs, guideposts, guardrail, and other road furniture, etc.	<input type="checkbox"/>	
ix) Pavement markings	<input type="checkbox"/>	<input type="checkbox"/>

B: Earthworks and Roadworks

x) Catchpit, manhole and pipeline locations	<input type="checkbox"/>	
xi) Drainage details (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
xii) Drainage details (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
xiii) Concrete footpaths and cycle paths	<input type="checkbox"/>	<input type="checkbox"/>
xiv) Location and details for access points, invert crossings, access ramps	<input type="checkbox"/>	<input type="checkbox"/>
xv) North point on each plan view	<input type="checkbox"/>	
xvi) Changes in surfacing material	<input type="checkbox"/>	
b) Design – Complies with Council's Design Guidelines:		
i) Maximum design speed	<input type="checkbox"/>	
ii) Sight distances	<input type="checkbox"/>	
iii) Horizontal and vertical alignment	<input type="checkbox"/>	
iv) Transit lanes and road tapers	<input type="checkbox"/>	<input type="checkbox"/>
v) Parking	<input type="checkbox"/>	<input type="checkbox"/>

3 Intersection, Cul-de-Sac and Speed Control Devices	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Kerb levels	<input type="checkbox"/>	
ii) Access ramp locations	<input type="checkbox"/>	
iii) Finished design contours	<input type="checkbox"/>	
iv) Channelisation details including setout details, radii, etc.	<input type="checkbox"/>	<input type="checkbox"/>
v) Location of traffic signs, guideposts	<input type="checkbox"/>	
vi) Visibility benching (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
vii) Ducting for future signals (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
viii) Linemarking (linemarking and signage may be shown on a separate plan)	<input type="checkbox"/>	<input type="checkbox"/>
ix) Speed control device details (if necessary)	<input type="checkbox"/>	<input type="checkbox"/>
x) Details of construction methods for surfacing other than asphalt or sprayed bitumen	<input type="checkbox"/>	<input type="checkbox"/>
xi) Design vehicle paths shown for all speed control devices and turnaround areas	<input type="checkbox"/>	<input type="checkbox"/>
b) Design – Complies with Council's Design Guidelines:		
i) Layout/ Configuration	<input type="checkbox"/>	
ii) Contours/ Crossfall	<input type="checkbox"/>	
iii) Minimum kerb and channel fall	<input type="checkbox"/>	
iv) Design vehicle paths and clearances	<input type="checkbox"/>	
v) Council's garbage truck manoeuvring	<input type="checkbox"/>	
vi) Parking requirements	<input type="checkbox"/>	
vii) Sight distances	<input type="checkbox"/>	
viii) Roundabouts	<input type="checkbox"/>	
ix) Access ramps at all turnouts at intersections where barrier kerb and channel is required	<input type="checkbox"/>	<input type="checkbox"/>

B: Earthworks and Roadworks

4 Road Longitudinal Sections	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Approved road names	<input type="checkbox"/>	
ii) Chainages on centreline (and construction line if used)	<input type="checkbox"/>	
iii) Existing surface or peg levels	<input type="checkbox"/>	
iv) Design road centreline levels	<input type="checkbox"/>	
v) Design grades	<input type="checkbox"/>	
vi) Length and radii of vertical curves	<input type="checkbox"/>	
vii) Chainage and levels at grade intersection points	<input type="checkbox"/>	
viii) Chainage and levels at vertical curve tangent points	<input type="checkbox"/>	
ix) Cut and/or fill depths	<input type="checkbox"/>	<input type="checkbox"/>
x) Horizontal radii and tangent point chainages	<input type="checkbox"/>	
xi) Kerb levels	<input type="checkbox"/>	
xii) Approved road names, centreline and IP chainage of intersecting (side) roads	<input type="checkbox"/>	
b) Design – Complies with Council's Design Guidelines:		
i) Maximum grades	<input type="checkbox"/>	
ii) Sight distance	<input type="checkbox"/>	
iii) Minimum grades	<input type="checkbox"/>	
iv) Change in grades without VC	<input type="checkbox"/>	<input type="checkbox"/>
v) Crest and sag curves	<input type="checkbox"/>	

5 Road Cross Sections	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Approved road names	<input type="checkbox"/>	
ii) Road reserve boundaries	<input type="checkbox"/>	
iii) Road centreline or construction line	<input type="checkbox"/>	
iv) Original natural surface line profile	<input type="checkbox"/>	
v) Constructed cross section profile	<input type="checkbox"/>	
vi) Chainage on centreline or construction line together with natural surface level or peg level	<input type="checkbox"/>	
vii) Offset to road centreline from peg line or construction line	<input type="checkbox"/>	<input type="checkbox"/>
viii) Cross fall batter slopes and dimensions where these differ to that shown on the type cross section	<input type="checkbox"/>	<input type="checkbox"/>
ix) Pavement depths wherever these differ from typical cross section	<input type="checkbox"/>	<input type="checkbox"/>
b) Typical Cross Section shown for each Road containing:		
i) Road reserve width	<input type="checkbox"/>	
ii) Road width between nominal kerb line, or pavement width where no kerb is constructed	<input type="checkbox"/>	

B: Earthworks and Roadworks

iii) Verge, footpath width	<input type="checkbox"/>	
iv) Location and width of concrete footpath or bikepath, where required	<input type="checkbox"/>	<input type="checkbox"/>
v) Kerb and channel type	<input type="checkbox"/>	<input type="checkbox"/>
vi) Crossfalls and/or grades of pavement, footpaths and batters, etc. with offsets to change of grade point	<input type="checkbox"/>	
vii) Type and thickness of wearing surfacing	<input type="checkbox"/>	
viii) Total depth of pavement courses with CBR values of material used (if available)	<input type="checkbox"/>	
c) Design – Complies with Council's Design Guidelines:		
i) Typical cross sections and includes:	<input type="checkbox"/>	
▪ Width for transit lanes and bikeways	<input type="checkbox"/>	<input type="checkbox"/>
▪ Typical footpath verge widths	<input type="checkbox"/>	
ii) Access grades/ limits to lots	<input type="checkbox"/>	
iii) Road crossfalls	<input type="checkbox"/>	
iv) Formation batter slope stability and scour protection	<input type="checkbox"/>	<input type="checkbox"/>

C: Stormwater Drainage

1 Stormwater Drainage Catchment Plan	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) North point	<input type="checkbox"/>	
ii) Approved road names	<input type="checkbox"/>	
iii) Existing and proposed property and road boundaries	<input type="checkbox"/>	
iv) All catchments/ sub catchments designated as per drainage calculation sheet	<input type="checkbox"/>	
v) Catchment/ sub catchment boundaries indicated by a bold line	<input type="checkbox"/>	
vi) Existing and proposed contours at a suitable interval (in different line types)	<input type="checkbox"/>	
vii) Direction of watershed along the flow path giving the longest time of concentration	<input type="checkbox"/>	
viii) Stormwater reticulation schematic layout shown including manhole, inlet and outlet numbers (for urban catchments)	<input type="checkbox"/>	
ix) All internal and external catchments shown to scale	<input type="checkbox"/>	

2 Stormwater Drainage Detail Plans	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Details of pipe junctions in manholes, where pipe centrelines are offset from centre point of manhole	<input type="checkbox"/>	
ii) Full details including reinforcing of non-standard manholes	<input type="checkbox"/>	<input type="checkbox"/>
iii) Catchpit and field inlet locations (chainage, offset levels, etc.)	<input type="checkbox"/>	
iv) Manhole locations (chainage offset, levels, etc.)	<input type="checkbox"/>	
v) Culvert locations (chainage, offset levels, etc.)	<input type="checkbox"/>	
vi) Invert levels and diameters of pipe connections from catchpits to manholes	<input type="checkbox"/>	
vii) Approved road names	<input type="checkbox"/>	
viii) Class of pipe checked	<input type="checkbox"/>	

3 Roof Water/ Inter-Allotment Drainage	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Layout Plan contains:		
i) Legend	<input type="checkbox"/>	
ii) All allotments and allotment numbers	<input type="checkbox"/>	
iii) Existing and finished surface contours	<input type="checkbox"/>	
iv) Location and size of inter-allotment drainage lines	<input type="checkbox"/>	
v) Location and size of stormwater drainage to which system is connected	<input type="checkbox"/>	
vi) Label inter-allotment pits and receiving stormwater structures	<input type="checkbox"/>	
vii) Pit or inlet locations, surface levels and inlet/ outlet invert levels	<input type="checkbox"/>	
viii) Required easements	<input type="checkbox"/>	
ix) Details of connections to kerb and channel (if appropriate)	<input type="checkbox"/>	<input type="checkbox"/>
b) Design – Complies with Council Guidelines:		
i) Pipe sizes and pipe materials	<input type="checkbox"/>	
ii) Cover	<input type="checkbox"/>	
iii) Grades	<input type="checkbox"/>	

C: Stormwater Drainage		
4 Drainline Longitudinal Sections	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Catchpit Connection Details (may be in table form)	<input type="checkbox"/>	
b) Longitudinal Section for each Line containing:		
i) Chainages	<input type="checkbox"/>	
ii) Existing natural surface levels and design finished surface levels	<input type="checkbox"/>	
iii) Manhole and endwall chainages together with surface levels and inlet and outlet invert levels	<input type="checkbox"/>	
iv) Distances between manholes/ catchpits/ endwalls	<input type="checkbox"/>	
v) Grade of each pipe section	<input type="checkbox"/>	
vi) Diameter and class and material of each pipe section (eg. marine class)	<input type="checkbox"/>	
vii) Hydraulic grade lines and levels, design storm frequency	<input type="checkbox"/>	
viii) Drainline and manhole number	<input type="checkbox"/>	
ix) Manhole diameters and/or reference to separate detail drawing	<input type="checkbox"/>	
x) Road names where applicable	<input type="checkbox"/>	
xi) Open drain details	<input type="checkbox"/>	<input type="checkbox"/>
c) Open Drains:		
i) Cross sections at each peg chainage (usually 20m intervals)	<input type="checkbox"/>	<input type="checkbox"/>
ii) Details of drop structures, energy dissipators, etc. (including top view, section views, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
d) Design – Complies with Council's Design Guidelines:		
i) Batter slope/ stability	<input type="checkbox"/>	<input type="checkbox"/>
ii) Scour velocities	<input type="checkbox"/>	<input type="checkbox"/>
iii) Maintenance criteria	<input type="checkbox"/>	<input type="checkbox"/>
5 Stormwater Drainage Calculations	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Calculation Table:		
Stormwater calculations shall be submitted for the design storms on an A1 spreadsheet, preferably Council's Standard Stormwater Drainage Calculation Sheet		
b) Design – Complies with Council's Design Manual:		
i) Legal point of discharge identified	<input type="checkbox"/>	<input type="checkbox"/>
ii) Downstream drainage approvals	<input type="checkbox"/>	<input type="checkbox"/>
iii) Unflooded widths	<input type="checkbox"/>	<input type="checkbox"/>
iv) Calculations provided for major and minor systems	<input type="checkbox"/>	<input type="checkbox"/>
v) Blockage factors to catchpits for major systems	<input type="checkbox"/>	<input type="checkbox"/>

C: Stormwater Drainage

6 Detention Basin Details	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drawings contain:		
i) Plan view	<input type="checkbox"/>	
ii) Sectional views	<input type="checkbox"/>	
iii) Details of basin wall construction	<input type="checkbox"/>	
iv) Details of outlet structures (low and high level outlets)	<input type="checkbox"/>	
v) Extent of any permanent storage	<input type="checkbox"/>	
vi) Maximum storage level	<input type="checkbox"/>	
vii) Extent and nature of any landscaping	<input type="checkbox"/>	<input type="checkbox"/>
b) Design – Complies with Council’s Guidelines and QUDM:		
i) Affect on runoff hydrograph for catchment checked	<input type="checkbox"/>	
ii) Batter slopes	<input type="checkbox"/>	
iii) Minor flood flows	<input type="checkbox"/>	
iv) Maximum flooded depth	<input type="checkbox"/>	
v) Inlets and outlets	<input type="checkbox"/>	
vi) Scour protection	<input type="checkbox"/>	
vii) Base slopes/ crossfall for active recreation use	<input type="checkbox"/>	<input type="checkbox"/>
viii) High level outlet	<input type="checkbox"/>	
ix) Earthworks	<input type="checkbox"/>	<input type="checkbox"/>

7 Water Quality, Silt Management/ Runoff Control Works	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Plan layout/ extent	<input type="checkbox"/>	
ii) Site's existing topography	<input type="checkbox"/>	
iii) How and when it will be altered	<input type="checkbox"/>	
iv) Typical device details/ materials for erosion and sediment control measures proposed	<input type="checkbox"/>	
v) Temporary and permanent works indicated	<input type="checkbox"/>	
vi) Catchment boundaries and direction of flow for different drainage areas before and after development	<input type="checkbox"/>	
vii) Design complies with QUDM Section 9.03.5	<input type="checkbox"/>	

8 Gross Pollutant Traps	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Plan layout	<input type="checkbox"/>	
ii) Long section and cross sections	<input type="checkbox"/>	
iii) Structural elements detailed	<input type="checkbox"/>	
iv) All materials specified/ indicated	<input type="checkbox"/>	

D: Water Supply		
1 Water Reticulation Plans	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Road name and road reserve boundaries	<input type="checkbox"/>	
ii) Relevant land zonings	<input type="checkbox"/>	
iii) Allotment boundaries and numbers	<input type="checkbox"/>	
iv) Easements (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
v) North point	<input type="checkbox"/>	
vi) Existing water mains including alignment, type and size	<input type="checkbox"/>	
vii) Proposed water mains including:		
▪ Mains shown on correct alignment from property boundaries	<input type="checkbox"/>	
▪ Pipe diameter, material and class	<input type="checkbox"/>	
▪ Chainages (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Bearings (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Symbols for fittings clearly shown	<input type="checkbox"/>	
▪ Road crossings – ductile iron – size and class	<input type="checkbox"/>	
viii) Hydrant locations – standard and swabbing	<input type="checkbox"/>	
ix) Valves	<input type="checkbox"/>	
x) Bends	<input type="checkbox"/>	
xi) Other fittings – air valves, scour valves, swabbing pits	<input type="checkbox"/>	<input type="checkbox"/>
xii) Road crossing conduits – future water services	<input type="checkbox"/>	
xiii) Water service details – class, material (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
xiv) Water services to parks, entry treatments (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
xv) Services information:		
▪ Proposed and existing kerb and channel	<input type="checkbox"/>	
▪ Proposed and existing stormwater drainage including manholes, outlets, overland flow paths, etc.	<input type="checkbox"/>	
▪ Proposed and existing sewer mains	<input type="checkbox"/>	
▪ Proposed and existing public utility services	<input type="checkbox"/>	
xvi) Conflict points with other services	<input type="checkbox"/>	<input type="checkbox"/>
xvii) Technical Detail Drawings:		<input type="checkbox"/>
▪ Reservoirs	<input type="checkbox"/>	
▪ Top Water Level (TWL)	<input type="checkbox"/>	
▪ Major thrust blocks	<input type="checkbox"/>	
▪ Capacity	<input type="checkbox"/>	
▪ Pressure Reducing Valves (PRV)	<input type="checkbox"/>	
▪ Control settings	<input type="checkbox"/>	
▪ Water supply zone (high level areas)	<input type="checkbox"/>	

D: Water Supply

b) Design – Complies with Council's Design Guidelines:		
i) Flow requirements	<input type="checkbox"/>	
ii) Pressure – including firefighting	<input type="checkbox"/>	
iii) Storage facilities (if required)	<input type="checkbox"/>	<input type="checkbox"/>
iv) Cover over mains	<input type="checkbox"/>	

2 Reservoirs	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Locality plan	<input type="checkbox"/>	
ii) Vehicle access details:	<input type="checkbox"/>	
▪ Horizontal geometry	<input type="checkbox"/>	
▪ Longitudinal section (if applicable)	<input type="checkbox"/>	
▪ Cross sections (if applicable)	<input type="checkbox"/>	
iii) Fencing requirements:		
▪ Height	<input type="checkbox"/>	
▪ Type	<input type="checkbox"/>	
▪ Gates	<input type="checkbox"/>	
▪ Security	<input type="checkbox"/>	
iv) Reservoir Design Plan:		
▪ Earthworks	<input type="checkbox"/>	
▪ Contours	<input type="checkbox"/>	
▪ Water levels	<input type="checkbox"/>	
▪ Design details – materials, reinforcing, roofing, etc.	<input type="checkbox"/>	
▪ Pipework – diameter, material and class	<input type="checkbox"/>	
▪ Valve details	<input type="checkbox"/>	
▪ Telemetry – control equipment, security for structure	<input type="checkbox"/>	
▪ Landscaping (if applicable)	<input type="checkbox"/>	
b) Design – Complies with Council's Design Guidelines:		
i) Storage parameters	<input type="checkbox"/>	
ii) Capacity	<input type="checkbox"/>	
iii) Mechanical and electrical requirements	<input type="checkbox"/>	
iv) Pumps	<input type="checkbox"/>	
v) Pressure control	<input type="checkbox"/>	
vi) Vehicle access and site manoeuvrability	<input type="checkbox"/>	

D: Water Supply

3 Water Supply Pump Stations	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Locality plan		
ii) Vehicle access details	<input type="checkbox"/>	<input type="checkbox"/>
iii) Relevant detail – fittings, etc.		
iv) Pump Station Design:		
▪ Pipework – diameter, material and class	<input type="checkbox"/>	
▪ Valve details	<input type="checkbox"/>	
▪ Pipe and fitting schedule	<input type="checkbox"/>	
▪ Pump description	<input type="checkbox"/>	
▪ Pump Station layout – valve box or building	<input type="checkbox"/>	
▪ Telemetry	<input type="checkbox"/>	<input type="checkbox"/>
▪ Security fencing	<input type="checkbox"/>	<input type="checkbox"/>
▪ Landscaping	<input type="checkbox"/>	<input type="checkbox"/>
b) Design – Complies with Council's Design Guidelines:		
i) Pump Station criteria:	<input type="checkbox"/>	
▪ Flow	<input type="checkbox"/>	
▪ Head	<input type="checkbox"/>	
▪ In accordance with Council's Pump Station Standard Detail Drawing	<input type="checkbox"/>	
ii) Pump curves	<input type="checkbox"/>	
iii) Mechanical and electrical requirements	<input type="checkbox"/>	
iv) Control cabinet	<input type="checkbox"/>	
v) Overflows	<input type="checkbox"/>	
vi) Noise protection provision	<input type="checkbox"/>	

E: Sewerage Reticulation

1 Sewerage Reticulation Plans	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Approved road names and road reserve boundaries	<input type="checkbox"/>	
ii) Allotment boundaries and numbers	<input type="checkbox"/>	
iii) Easements (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
iv) Proposed and existing contours	<input type="checkbox"/>	
v) North point	<input type="checkbox"/>	
vi) Proposed Sewer Mains including:		
▪ Mains shown on correct alignment from property boundaries	<input type="checkbox"/>	
▪ Pipe diameter, material, class	<input type="checkbox"/>	
▪ Chainages (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Bearings (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
▪ Manhole locations – number and alignment	<input type="checkbox"/>	
▪ House connection branches	<input type="checkbox"/>	
vii) Flow arrows on each allotment	<input type="checkbox"/>	
viii) House connection invert levels on each allotment including house connection type	<input type="checkbox"/>	
ix) Services information:		
▪ Proposed and existing kerb and channel	<input type="checkbox"/>	
▪ Proposed and existing stormwater drainage including manholes, outlets, overland flow paths, etc.	<input type="checkbox"/>	
▪ Proposed and existing water mains including hydrants and valve, etc.	<input type="checkbox"/>	
▪ Proposed and existing Public Utility Services	<input type="checkbox"/>	
x) Conflict points with other services	<input type="checkbox"/>	<input type="checkbox"/>
(b) Design – Complies with Council's Design Guidelines:		
i) Based on preliminary sewer concept plan	<input type="checkbox"/>	
ii) Alignment of mains and access for maintenance	<input type="checkbox"/>	
iii) Pre-cast manholes not in areas prone to flooding	<input type="checkbox"/>	<input type="checkbox"/>
iv) Manholes not in road carriageways, central medians and roundabouts	<input type="checkbox"/>	

2 Sewerage Longitudinal Sections (Gravity Mains)	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Longitudinal section for each line	<input type="checkbox"/>	
ii) Running chainage and distance between manholes	<input type="checkbox"/>	
iii) Existing and proposed finished surface levels	<input type="checkbox"/>	

E: Sewerage Reticulation

iv) Manhole details to include:		
▪ Manhole type – pre-cast or cast <i>in-situ</i>	<input type="checkbox"/>	
▪ Manhole diameter	<input type="checkbox"/>	
▪ Drop types	<input type="checkbox"/>	
▪ Cover lid types	<input type="checkbox"/>	
▪ Junction invert levels – all sewers entering	<input type="checkbox"/>	
v) Equivalent population, pipe capacity, design capacity	<input type="checkbox"/>	
vi) Pipe diameter, material, class	<input type="checkbox"/>	
vii) Pipe grades on each section	<input type="checkbox"/>	
viii) Concrete anchor blocks (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
ix) Location of each section – private property, road, etc.	<input type="checkbox"/>	
x) Sewer line and manhole numbers	<input type="checkbox"/>	
xi) House connections for each allotment on sewer line to include:		
▪ Diameter	<input type="checkbox"/>	
▪ Invert level	<input type="checkbox"/>	
▪ Junction type	<input type="checkbox"/>	
xii) Flood level (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
xiii) Sewer lines requiring anchor blocks	<input type="checkbox"/>	<input type="checkbox"/>
xiv) Downstream discharge manholes including all incoming sewers	<input type="checkbox"/>	
xv) Datum shown on long sections	<input type="checkbox"/>	
xvi) Invert level of all other underground services – stormwater, water, public utilities	<input type="checkbox"/>	
b) Design – Complies with Council's Design Guidelines:		
i) Pipe velocity	<input type="checkbox"/>	
ii) Minimum grades	<input type="checkbox"/>	
iii) Drops through manholes	<input type="checkbox"/>	
iv) Capacity	<input type="checkbox"/>	
v) Cover over mains	<input type="checkbox"/>	
vi) Concrete anchor block requirements	<input type="checkbox"/>	<input type="checkbox"/>

3 Sewerage Longitudinal Sections (Pressure Mains)	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings Include:		
i) Longitudinal section for each line	<input type="checkbox"/>	
ii) Running chainage and distance between Pump Station and receiving main	<input type="checkbox"/>	
iii) Existing and proposed finished surface levels	<input type="checkbox"/>	
iv) Equivalent population, pipe capacity, design capacity	<input type="checkbox"/>	
v) Pipe diameter, material, class	<input type="checkbox"/>	
vi) Pipe grades on each section	<input type="checkbox"/>	

E: Sewerage Reticulation		
vii) Concrete anchor blocks (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
viii) Location of each section – private property, road, etc.	<input type="checkbox"/>	
ix) Sewer line manhole and Pump Station numbers	<input type="checkbox"/>	
x) Receiving manhole protection	<input type="checkbox"/>	
xi) Flood level (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
xii) Thrust blocks (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
xiii) Datum shown on long sections	<input type="checkbox"/>	
xiv) Invert level of all other underground services – stormwater, water, public utilities	<input type="checkbox"/>	
b) Design – Complies with Council's Design Guidelines		
i) Pipe velocity	<input type="checkbox"/>	
ii) Capacity	<input type="checkbox"/>	
iii) Cover over mains	<input type="checkbox"/>	
iv) Concrete anchor block requirements	<input type="checkbox"/>	<input type="checkbox"/>

4 Sewerage Pump and Lift Stations	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Locality plan	<input type="checkbox"/>	
ii) Vehicle access details (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
iii) Relevant detail – fittings, etc.	<input type="checkbox"/>	
iv) Pump Station design including:		
v) Pipework – diameter, material and class	<input type="checkbox"/>	
vi) Valve detail	<input type="checkbox"/>	
vii) Pipe and fitting schedule	<input type="checkbox"/>	
viii) Pump description	<input type="checkbox"/>	
ix) Pump Station layout – valve box, etc.	<input type="checkbox"/>	
x) Telemetry	<input type="checkbox"/>	
b) Design – Complies with Council's Design Guidelines:		
i) Pump Station criteria:		
▪ Flow	<input type="checkbox"/>	
▪ Head	<input type="checkbox"/>	
▪ In accordance with Council's Pump Station diagrammatic layout	<input type="checkbox"/>	
ii) Pump curves	<input type="checkbox"/>	
iii) Mechanical and electrical requirements	<input type="checkbox"/>	
iv) Control cabinet	<input type="checkbox"/>	
v) Overflows	<input type="checkbox"/>	
vi) Noise protection provisions	<input type="checkbox"/>	

F: Miscellaneous

1 Noise Attenuation Works	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Earthworks/ mounds – plan, sections and batter slopes	<input type="checkbox"/>	<input type="checkbox"/>
ii) Typical barrier/ fence details	<input type="checkbox"/>	<input type="checkbox"/>
iii) Landscaping	<input type="checkbox"/>	<input type="checkbox"/>
iv) Road number or name	<input type="checkbox"/>	

2 Retaining Walls	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Approved road names	<input type="checkbox"/>	
ii) Plan layout – extent	<input type="checkbox"/>	
iii) Typical cross section	<input type="checkbox"/>	
iv) Foundation details	<input type="checkbox"/>	
v) Drainage details	<input type="checkbox"/>	
vi) Design certified by Registered Professional Engineer	<input type="checkbox"/>	

3 Landscape Works	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
i) Drawings for landscape works are in accordance with Council's Landscape Strategy Part 2 – Landscape Documentation Manual and the required elements of Queensland Streets .	<input type="checkbox"/>	

4 Public Utility Services	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Existing light poles and power poles, etc.	<input type="checkbox"/>	
ii) Existing underground services	<input type="checkbox"/>	
iii) Proposed services	<input type="checkbox"/>	
iv) Alternation to existing services	<input type="checkbox"/>	
b) Public Utility Service Drawings:		
i) Public utility service designs sighted	<input type="checkbox"/>	
ii) Check for conflict with Civil Works	<input type="checkbox"/>	

5 Bikeway and Pedestrian Networks	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) All bikepaths and footpaths clearly shown	<input type="checkbox"/>	
ii) Chicanes provided to each end of all pathways	<input type="checkbox"/>	
iii) Access ramps shown where bikepaths and footpaths link to kerb	<input type="checkbox"/>	
iv) Bikeways clearly shown with widths as per approval	<input type="checkbox"/>	
b) Design – Complies with Council's Design Guidelines:		
i) GCCC Bikeways Strategy Plan	<input type="checkbox"/>	
ii) Maximum grade	<input type="checkbox"/>	

G: Dual Water Reticulation Supply

1 Dual Water Reticulation Plans (Potable & Recycled)	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Drawings include:		
i) Approved road name and road reserve boundaries	<input type="checkbox"/>	
ii) Allotment boundaries and numbers	<input type="checkbox"/>	
iii) Easements (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
iv) Duplex dwelling allotments	<input type="checkbox"/>	<input type="checkbox"/>
v) North point	<input type="checkbox"/>	
vi) Existing water mains including alignment, type and size	<input type="checkbox"/>	
vii) Proposed dual water reticulation mains including:	<input type="checkbox"/>	
▪ Mains shown on correct alignment from property boundaries	<input type="checkbox"/>	
▪ Trenching type	<input type="checkbox"/>	
▪ Symbols for fittings clearly shown	<input type="checkbox"/>	
▪ Road crossings – ductile iron	<input type="checkbox"/>	
▪ Road crossings – polyethylene (conduit)	<input type="checkbox"/>	
viii) Hydrants/flushing points	<input type="checkbox"/>	
ix) Valves	<input type="checkbox"/>	
x) Other fittings – air valves, scour valves, reducers, swabbing pits, etc.	<input type="checkbox"/>	<input type="checkbox"/>
xi) Readytap water supply connection points	<input type="checkbox"/>	
xii) Water service details – 25 or 32mm only (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
xiii) Services information:	<input type="checkbox"/>	
▪ Proposed and existing kerb and channel	<input type="checkbox"/>	
▪ Proposed and existing stormwater drainage including manholes, outlets, overland flow paths, etc.	<input type="checkbox"/>	
▪ Proposed and existing Sewer mains	<input type="checkbox"/>	
▪ Proposed and existing Public Utility Services	<input type="checkbox"/>	
xiv) Conflict points with other services	<input type="checkbox"/>	<input type="checkbox"/>
xv) Main cross connection location(s)	<input type="checkbox"/>	<input type="checkbox"/>
xvi) Technical Detail Drawings:	<input type="checkbox"/>	<input type="checkbox"/>
▪ Reservoirs	<input type="checkbox"/>	
▪ Top Water Level (TWL)	<input type="checkbox"/>	
▪ Major thrust blocks	<input type="checkbox"/>	
▪ Capacity	<input type="checkbox"/>	
▪ Pressure Reducing Valves (PRV)	<input type="checkbox"/>	
▪ Control settings	<input type="checkbox"/>	
▪ Water supply zone (high level areas)	<input type="checkbox"/>	
b) Design – Complies with Council's Design Guidelines:		
i) Flow requirements	<input type="checkbox"/>	
ii) Pressure	<input type="checkbox"/>	
iii) Storage facilities (if required)	<input type="checkbox"/>	<input type="checkbox"/>
iv) Cover over mains	<input type="checkbox"/>	

H: Reduced Infiltration Gravity Sewerage Reticulation

1 Reduced Infiltration Gravity Sewerage Plans	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
a) Drafting – Plan/ Layout Drawings include:		
i) Approved road name and road reserve boundaries	<input type="checkbox"/>	
ii) Allotment boundaries and numbers	<input type="checkbox"/>	
iii) Easements (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
iv) Proposed and existing contours	<input type="checkbox"/>	
v) North point	<input type="checkbox"/>	
vi) Proposed reduced infiltration gravity sewerage mains including:		
▪ Mains shown on correct alignment from property boundaries	<input type="checkbox"/>	
▪ Manholes, maintenance shafts and roding ends – numbered	<input type="checkbox"/>	
▪ House connection branches	<input type="checkbox"/>	
vii) Services information:		
▪ Proposed and existing kerb and channel	<input type="checkbox"/>	
▪ Proposed and existing stormwater drainage including manholes, outlets, overland flow paths, etc.	<input type="checkbox"/>	
▪ Proposed and existing water mains including hydrants, valves, etc.	<input type="checkbox"/>	
▪ Proposed and existing Public Utility Services	<input type="checkbox"/>	
viii) Conflict points with other services	<input type="checkbox"/>	<input type="checkbox"/>
b) Design – Complies with Council's Design Guidelines:		
i) Based on preliminary sewer concept plan	<input type="checkbox"/>	
ii) Alignment of mains and access for maintenance	<input type="checkbox"/>	
iii) Pre-cast manholes not in areas prone to flooding	<input type="checkbox"/>	<input type="checkbox"/>
iv) Manholes, maintenance shafts or roding ends not in road carriageways, central medians and roundabouts (unless authorised by GCW)	<input type="checkbox"/>	
v) Sewer lines not to be located below retaining walls that are aligned parallel with the pipe service	<input type="checkbox"/>	<input type="checkbox"/>
vi) Pipe velocity	<input type="checkbox"/>	
vii) Minimum grades	<input type="checkbox"/>	
viii) Drops through manholes	<input type="checkbox"/>	
ix) Capacity	<input type="checkbox"/>	
x) Cover over mains	<input type="checkbox"/>	
xi) Concrete anchor block requirements	<input type="checkbox"/>	

H: Reduced Infiltration Gravity Sewerage Reticulation

c) Drafting – Longitudinal Drawings include:

- | | |
|---|--------------------------|
| i) Longitudinal Section for each line: | |
| ▪ Running chainage and distance between manholes | <input type="checkbox"/> |
| ▪ Existing and proposed surface & invert levels | <input type="checkbox"/> |
| ▪ Depth to invert | <input type="checkbox"/> |
| ▪ Line numbers | <input type="checkbox"/> |
| ▪ Property descriptions | <input type="checkbox"/> |
| ▪ Datum | <input type="checkbox"/> |
| ▪ Grades | <input type="checkbox"/> |
| ▪ Diameter, material, class | <input type="checkbox"/> |
| ▪ Invert levels of all other underground services – stormwater, water, public utilities | <input type="checkbox"/> |
| ii) Manhole details to include: | |
| ▪ Manhole type – pre-cast or <i>in-situ</i> | <input type="checkbox"/> |
| ▪ Manhole diameter | <input type="checkbox"/> |
| ▪ Drop types | <input type="checkbox"/> |
| ▪ Manhole numbers | <input type="checkbox"/> |
| ▪ Cover lid types | <input type="checkbox"/> |
| ▪ Junction invert levels – all sewers entering | <input type="checkbox"/> |
| iii) Maintenance shaft details to include: | |
| ▪ Type of intersection (refer Dwg 597X2) | <input type="checkbox"/> |
| ▪ Bends required to connect to base section (if applicable) | <input type="checkbox"/> |
| ▪ Maintenance shaft numbers | <input type="checkbox"/> |
| ▪ Junction invert levels – all sewers entering | <input type="checkbox"/> |
| ▪ Kickers (vertical shaft bends) required | <input type="checkbox"/> |
| iv) Rodding End details to include: | |
| ▪ Bends required to connect to base section (If applicable) | <input type="checkbox"/> |
| ▪ Maintenance Shaft numbers | <input type="checkbox"/> |
| ▪ Junction invert levels – all sewers entering | <input type="checkbox"/> |
| v) House Connections for each allotment on sewer line to include: | |
| ▪ Diameter | <input type="checkbox"/> |
| ▪ Invert level & depth | <input type="checkbox"/> |
| ▪ Chainage from D/S manhole | <input type="checkbox"/> |
| vi) Flood Level (if applicable) | <input type="checkbox"/> |
| vii) Sewer lines requiring anchor blocks/ bulkheads | <input type="checkbox"/> |
| viii) Downstream discharge manholes including all incoming sewers | <input type="checkbox"/> |



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 PFN:
 SN:
 SS:
 BN:
 RN:

Appendix B

Engineering Drawings

Application for Approval

Development Name: Stage No:
 Council File No:

PROPERTY DETAILS

Real Property Description:
 Address:

DEVELOPER

a) Name:

CONSULTANT

- a) Company Name:
- b) Address: Phone No:
- c) Contact Name: Fax No:
- d) Engineering Design? Yes No Contract Administration? Yes No
- e) Quality Assurance Accreditation? Yes No

REQUIRED INFORMATION

This Application Form must be fully completed and accompanied by:

- a) Council's Engineering Drawings – Application Checklist with relevant Sections completed;
- b) Two (2) complete sets of A1 size Engineering Drawings (incomplete Drawings and partial sets will not be accepted);
- c) One (1) set of the Job Specification;
- d) Any information requested in the Development Approval Conditions;
- e) Any relevant supporting documents; and
- f) Details of a non-conforming design and reasons for its use (subject to Council Approval).

CERTIFICATION

I/We hereby certify that I/we have exercised reasonable skill, care and diligence in the design of the works in accordance with:

1. Relevant Development Approvals.
2. Council's Land Development Guidelines, Standard Specifications and Drawings.
3. Relevant Australian Standards, Codes of Practice.

Signature: RPEQ No: Date / /

Consulting Engineer for and on behalf of (Company):



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Appendix C

Consulting Engineer's Certificate and As Constructed Certification

Development Name: Stage No:
 Council File No:
 Works to which Certification relates:

PROPERTY DETAILS

Real Property Description:
 Area of Land:
 Address:

CONSULTANT

a) Company Name:
 b) Address:
 c) Phone No: Fax No:

I, being a Registered Professional Engineer registered under the provision of the **Professional Engineers Act 2002** (as amended) and a duly authorised representative of do hereby certify that we have exercised reasonable skill, care and diligence to ascertain that the Works described above have been executed in accordance with:

1. The approved Engineering Drawings, Specifications, Development Guidelines and relevant Australian Standard Code of Practice.
2. Good engineering practice and to a satisfactory standard of workmanship.
3. Council's By-Laws.

We further certify that the 'As Constructed' information submitted herewith (including survey information prepared by others) indicates to the best of our knowledge and belief that the completed Works represent a true and accurate record of what has been constructed within the specified tolerances required by Council.

We further certify that all significant variations from the approved Engineering Drawings (outside the specified tolerances) have been submitted to Council for approval and are incorporated in the 'As Constructed' information.

Signature: RPEQ No: Date / /

Consulting Engineer for and on behalf of (Company):



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 SS:
 BN:
 RN:

Appendix D

Street Lighting

Application for Approval

Development Name: Stage No:

Council File No:

PROPERTY DETAILS

Real Property Description:

Address:

DEVELOPER

a) Name:

PRINCIPAL CONSULTANT

a) Company Name:

b) Address: Phone No:

c) Contact Name: Fax No:

Street Lighting Plan No's:

CHECKLIST

Street Lighting	Yes	N/A
a) Drafting – Drawings include:		
i) Location of all light poles and service conduits	<input type="checkbox"/>	
ii) Location of all other cross road conduits	<input type="checkbox"/>	
iii) Type and wattage of lighting	<input type="checkbox"/>	
iv) Traffic calming devices	<input type="checkbox"/>	
v) Additional plans for roundabouts and major roads	<input type="checkbox"/>	
vi) Details of variations to normal alignment	<input type="checkbox"/>	
vii) Computer print out of lighting levels	<input type="checkbox"/>	
b) Design – Complies at:		
i) Intersections	<input type="checkbox"/>	
ii) Traffic calming devices including mid block devices	<input type="checkbox"/>	
iii) Pathways – lighting at each end	<input type="checkbox"/>	
iv) General lighting	<input type="checkbox"/>	<input type="checkbox"/>
v) Check conflict with other services/ conduits/ reticulation	<input type="checkbox"/>	<input type="checkbox"/>

CERTIFICATION

I/We hereby certify that the Street Lighting Plans described in this application satisfy.....

.....

Signature:..... RPEQ No: Date..... / /

Consulting Engineer for and on behalf of (Company):

COUNCIL USE ONLY:

Street Lighting Plan Numbers:.....

- NOT APPROVED
- APPROVED SUBJECT TO MINOR ALTERATIONS AS SHOWN
- APPROVED

Name of Council Officer:.....

Date: / /



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 SN:
 SS:
 BN:
 RN:

Appendix E

Planning and Legislative

Overview Summary

Legislation

Legislation	Relevant Agency
Aboriginal Land Act	<ul style="list-style-type: none"> ▪ Department of Environment and Heritage ▪ Department of Family Services and Aboriginal and Islander Affairs ▪ Department of Lands ▪ Department of Minerals and Energy
Acquisition of Land Act 1967	<ul style="list-style-type: none"> ▪ Department of Natural Resources
Beach Protection Act 1968	<ul style="list-style-type: none"> ▪ Department of Environment and Heritage
Building Act 1975	<ul style="list-style-type: none"> ▪ Department of Housing
Building and Integrated Planning Act 1998	<ul style="list-style-type: none"> ▪ Department of Local Government and Planning
Building and Construction Industry (Portable Long Service Leave) Act 1991	<ul style="list-style-type: none"> ▪ Department of Employment, Vocational Education, Training and Industrial Relations
Building Units and Group Titles Act 1980	<ul style="list-style-type: none"> ▪ Department of Natural Resources
Canals Act 1958	<ul style="list-style-type: none"> ▪ Department of Environment and Heritage
Child Care Act 1991	<ul style="list-style-type: none"> ▪ Department of Family Services and Aboriginal and Islander Affairs
Contaminated Land Act 1991	<ul style="list-style-type: none"> ▪ Department of Environment and Heritage
Electricity Act 1976	<ul style="list-style-type: none"> ▪ Department of Minerals and Energy
Environmental Protection Act 1994	<ul style="list-style-type: none"> ▪ Department of Environment and Heritage
Fisheries Act 1976	<ul style="list-style-type: none"> ▪ Department of Primary Industries
Gaming Act 1972	<ul style="list-style-type: none"> ▪ Queensland Police Service
Gas Act 1965	<ul style="list-style-type: none"> ▪ Department of Minerals and Energy
Harbours Act 1955	<ul style="list-style-type: none"> ▪ Department of Transport
Integrated Resort Development Act 1987	<ul style="list-style-type: none"> ▪ Department of Local Government and Planning
Land Act 1962	<ul style="list-style-type: none"> ▪ Department of Natural Resources
Liquor Act 1992	<ul style="list-style-type: none"> ▪ Department of Tourism, Sport and Racing
Coastal Protection and Management Act 1995	<ul style="list-style-type: none"> ▪ Department of Environment and Heritage
Marine Parks Act 1982	<ul style="list-style-type: none"> ▪ Department of Environment and Heritage
Nature Conservation Act 1992	<ul style="list-style-type: none"> ▪ Department of Environment and Heritage
Petroleum Act 1923	<ul style="list-style-type: none"> ▪ Department of Minerals and Energy
Queensland Heritage Act 1992	<ul style="list-style-type: none"> ▪ Department of Environment and Heritage
Soil Conservation Act 1986	<ul style="list-style-type: none"> ▪ Department of Primary Industries
State Transport Act 1960	<ul style="list-style-type: none"> ▪ Main Roads Department
Transport Infrastructure Act. 1994	<ul style="list-style-type: none"> ▪ Main Roads Department
Transport Operations (Passenger Transport) Act. 1994	<ul style="list-style-type: none"> ▪ Main Roads Department
Water Resources Act 1989	<ul style="list-style-type: none"> ▪ Department of Primary Industries

Existing Planning Schemes

Entire City	▪ Draft Strategic Plan (1997) – ‘Draft’
Former Gold Coast	▪ City of Gold Coast Planning Scheme and Regulatory Maps
Former Albert Shire	▪ Albert Shire Planning Scheme
	▪ Planning Scheme Maps

Local Planning Policies for Land Within the Former Gold Coast City

Local Planning Policies

No 1	Off-Street Vehicular Parking Requirements
No 2	Structures near Council's Services
No 3	Car Parking in Comprehensive Development Zones not in the DCP
No 4	Surfers Paradise Central Area Application for TP Consent to change the use of an existing building
No 5	Extension of Consent, Permission or approval granted under superseded Planning Scheme
No 6	Development Application submitted by or on behalf of elected member of Council
No 7	Landscaping and construction of footways external to Development Sites
No 8	Design of Marina
No 9	Stormwater Headworks contribution at Building Application Stage
No 10	Foundation and Geotechnical Assessment
No 11	Foreshore Rockwall Design & Construction *
No 12	Stormwater Drainage Design *
No 13	Water Supply Design *
No 14	Sewerage Supply Design *
No 15	Water Supply and Sewerage Headworks Contribution
No 16	Design Standards for Engineering Works *
No 17	Installation of Satellite Dishes
No 18	Provisions for the Siting of Mailboxes

Other

- Interim Vegetation Protection Local Law

Note: * C Superseded by the Land Development Guidelines

Local Planning Policies for Land Within the Former Albert Shire

Local Planning Policies

No 1	Car Parking Layouts
No 2	Carparking Areas below Flood Level
No 3	Domestic Animals
No 4	Home Occupation
No 5	Home Occupation - Professional Offices in Residential Areas

Miscellaneous Policy or Guidelines

- Dual Use of Drainage, Open Space in the Albert Shire
- Fauna Relocation Guidelines
- Preliminary decision Foreshore Structures on Council controlled land
- Foreshore Structure Policy
- Park Dedication Guidelines

Local Planning Policies for Amalgamated Gold Coast City Council

New Local Planning Policies

Adopted

- Changes to Ground Level (No 19)
- Site Analysis
- Entry Statement Policy
- Management of Coastal Dune Areas
- Development of Land Adjacent to or within the easements of High Voltage Transmissions Lines

Miscellaneous Policy, Guidelines and Strategies

Adopted

- Parkland Dedication Guidelines
- Co-Axial and Fibre Optic Cables (2.2.96)
- Activity Centre Strategy - April 1998
- Interim Local Law No. 6 (Vegetation Management)

Miscellaneous Policy

- Nature Conservation Strategy
- Urban Heritage and Character Study
- Merrimac/Carrara Floodplain Structure Plan
- Northern Wastewater Strategy
- Landscape Strategy - Part 2 - Landscaping Documentation Manual
- Coombabah Kangaroo Management Strategy
- Community Safety Code
- Sediment and Erosion Control and Stormwater Management Strategy
- Bushfire Management Strategy (Interim Provisions apply)

State Planning Policies/ Strategies

- Development and Conservation of Agricultural Land (1/92)
- Planning for Aerodromes and other Aeronautical Facilities (2/92)
- Conservation of Koalas in the Koala Coast (1/95)
- South East Queensland 2001 Regional Framework Growth Management
- Shaping up Guidelines - Queensland Transport, 1997

International Treaties/ Conventions and National Strategies

- National Strategy on Ecological Sustainable Development
- Ramsar Convention, wetlands of International Significance, World Heritage Sites
- ESD, Conservation of Biodiversity

Standard Drawing Documentation

- Institute of Municipal Engineering Australia Standard Drawings (original issue date 8/12/95)

Where there is no specific reference in Council's document, attention is drawn to the abovementioned Standard Drawing.

The Corporate Plan

The City of Gold Coast Corporate Plan includes:

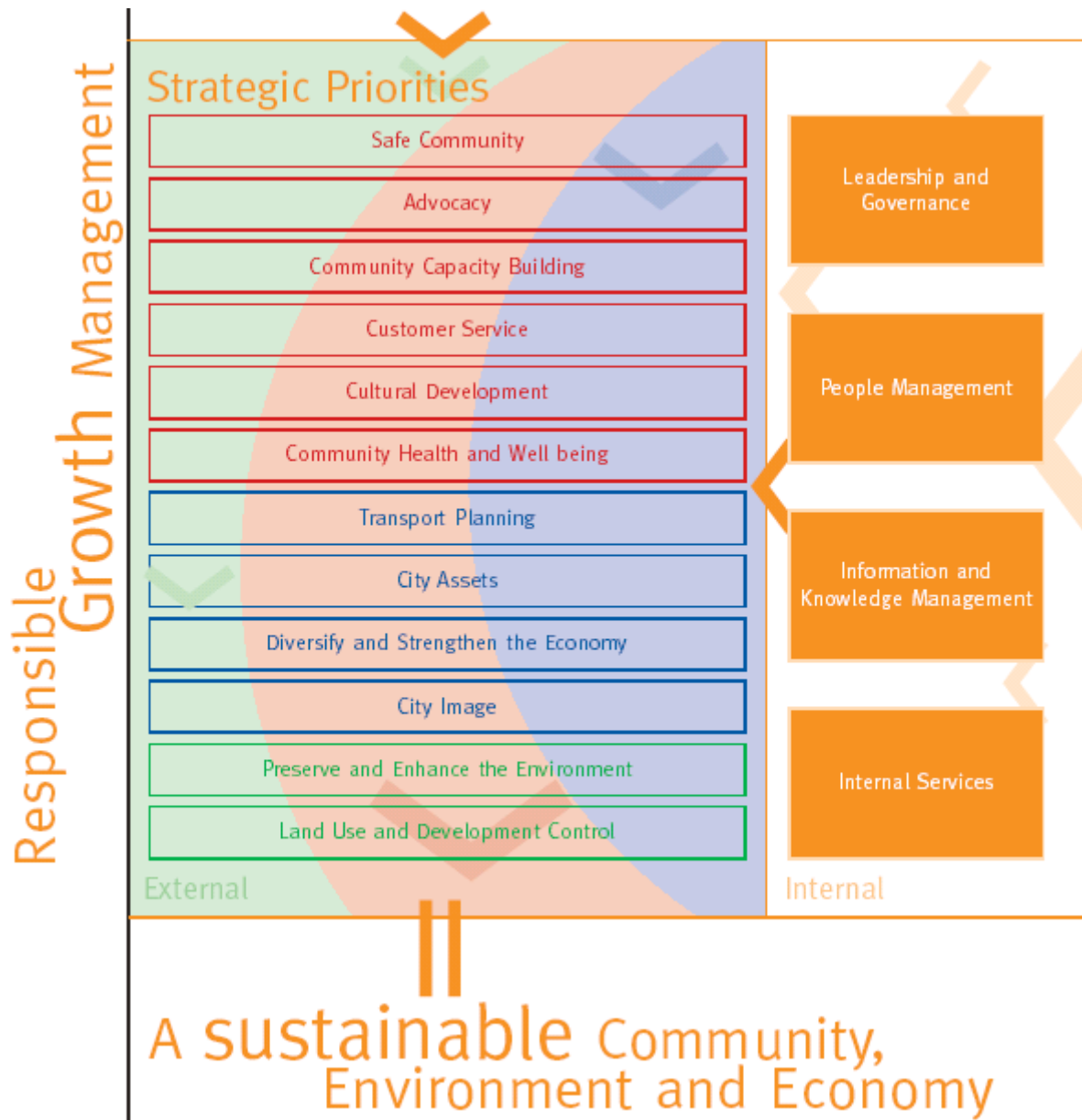
Our Vision

Naturally the world's best place to be . . .

. . . because we will create a city that is recognised internationally for the quality, diversity and sustainability of its lifestyle, economy and environment.

The Gold Coast's future will be secure as Australia's most desirable place to live and favourite place to visit.

Strategic Priorities



Our Mission

To benefit our local community by sustainably managing the City's resources and opportunities, and by delivering high-quality, affordable services, in partnership with the community, State and Federal governments, educational institutions and the private sector.