

PLANNING INFORMATION SHEET 12

Engineering plans and specifications checklist

Information Requirements

All engineering plans/drawings submitted to Council shall include and/or be accompanied by the following information as appropriate:

Extent of works covered		
These plans/drawings detail:	• All engineering works	<input type="checkbox"/>
	• Earthworks only	<input type="checkbox"/>
These plans/drawings cover:	• The entire development	<input type="checkbox"/>
	• Stage _____ of _____ stages	<input type="checkbox"/>

Supporting information attached	
3 print sets of the drawings/plans	<input type="checkbox"/>
3 sets of the specifications	<input type="checkbox"/>
3 copies of the Design Report (if not previously included in the consent application). The Design Report shall include information relevant to the application - e.g. pavement design, stormwater calculation sheets, stormwater treatment and mitigation device design calculations, network analysis of water supply pressures, pump station design calculations etc.	<input type="checkbox"/>
3 copies of retaining wall design calculations and PS-1 (unless subject to Building Consent)	<input type="checkbox"/>
Design Certificate (NZS 4404:2004 Schedule 1A) including the schedule of alternative items	<input type="checkbox"/>
Supporting information to enable evaluation of alternative items	<input type="checkbox"/>

Standard information to be shown on drawings/plans	
North point	<input type="checkbox"/>
Existing legal boundaries and legal descriptions of parcels and road names	<input type="checkbox"/>
Scheme plan Lot boundaries and Lot numbers	<input type="checkbox"/>
Plan scale 1:500 where possible	<input type="checkbox"/>
Locality	<input type="checkbox"/>
Plan sheet index	<input type="checkbox"/>
Datum (Auckland 1946 Datum)	<input type="checkbox"/>
N.B. all reduced levels shall be shown on the plans/drawings in terms of the Auckland 1946 Datum	

Earthworks information	
Existing contours	<input type="checkbox"/>
Proposed contours	<input type="checkbox"/>
Extent of batter and fill areas	<input type="checkbox"/>
Subsoil and counterfort drains, including discharge points	<input type="checkbox"/>
Retaining structures	<input type="checkbox"/>
Erosion and sediment control plan	<input type="checkbox"/>

Roading information

Plan and long-section detailing gradient (to a scale of 1:500 where possible)	<input type="checkbox"/>
Footpath(s)	<input type="checkbox"/>
Drainage details (cesspit location and type, outlets)	<input type="checkbox"/>
Landscaping	<input type="checkbox"/>
Services locations within the legal or proposed road	<input type="checkbox"/>
Retaining walls	<input type="checkbox"/>
Median islands and traffic calming devices	<input type="checkbox"/>
Intersection design and control	<input type="checkbox"/>
Street lighting	<input type="checkbox"/>
Typical cross-section detailing pavement structure	<input type="checkbox"/>
Private ways (gradients, drainage and typical cross-sections)	<input type="checkbox"/>

Water reticulation information

Plan detailing pipe location, nominal diameters and pipe materials	<input type="checkbox"/>
Valves, hydrants, tees, bends and other fittings	<input type="checkbox"/>
Pump stations including wiring diagrams and pipework details	<input type="checkbox"/>
Bores (as for pump stations)	<input type="checkbox"/>
Pipes to be removed or abandoned	<input type="checkbox"/>

Sanitary drainage reticulation information

Plan detailing pipe and manhole location, nominal diameters and materials	<input type="checkbox"/>
Long-sections of each line detailing gradients, depths and bedding types	<input type="checkbox"/>
Pump stations including wiring diagrams and pipework details	<input type="checkbox"/>
Rising mains	<input type="checkbox"/>
House connections	<input type="checkbox"/>
Pipes, manholes and pump stations to be removed or abandoned	<input type="checkbox"/>

Stormwater drainage reticulation information

Plan detailing pipe and manhole location, nominal diameters and materials	<input type="checkbox"/>
Long-sections of each line detailing gradients, depths and bedding types	<input type="checkbox"/>
Open channels and direction of flow	<input type="checkbox"/>
All stormwater discharges (piped or open channel) entering the site	<input type="checkbox"/>
Scour protection	<input type="checkbox"/>
House connections	<input type="checkbox"/>
Pipes and manholes to be removed or abandoned	<input type="checkbox"/>
Subsoil drains	<input type="checkbox"/>
Stormwater treatment devices	<input type="checkbox"/>
Secondary overland flow paths - 2% AEP	<input type="checkbox"/>

Reserves and pedestrian accessways information

Proposed contours and shape factor for neighbourhood reserves	<input type="checkbox"/>
Footpaths and walkways, including surfacing, grade and drainage	<input type="checkbox"/>
Fencing	<input type="checkbox"/>
Landscaping (e.g. trees, gardens, fixtures)	<input type="checkbox"/>

Contact details

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