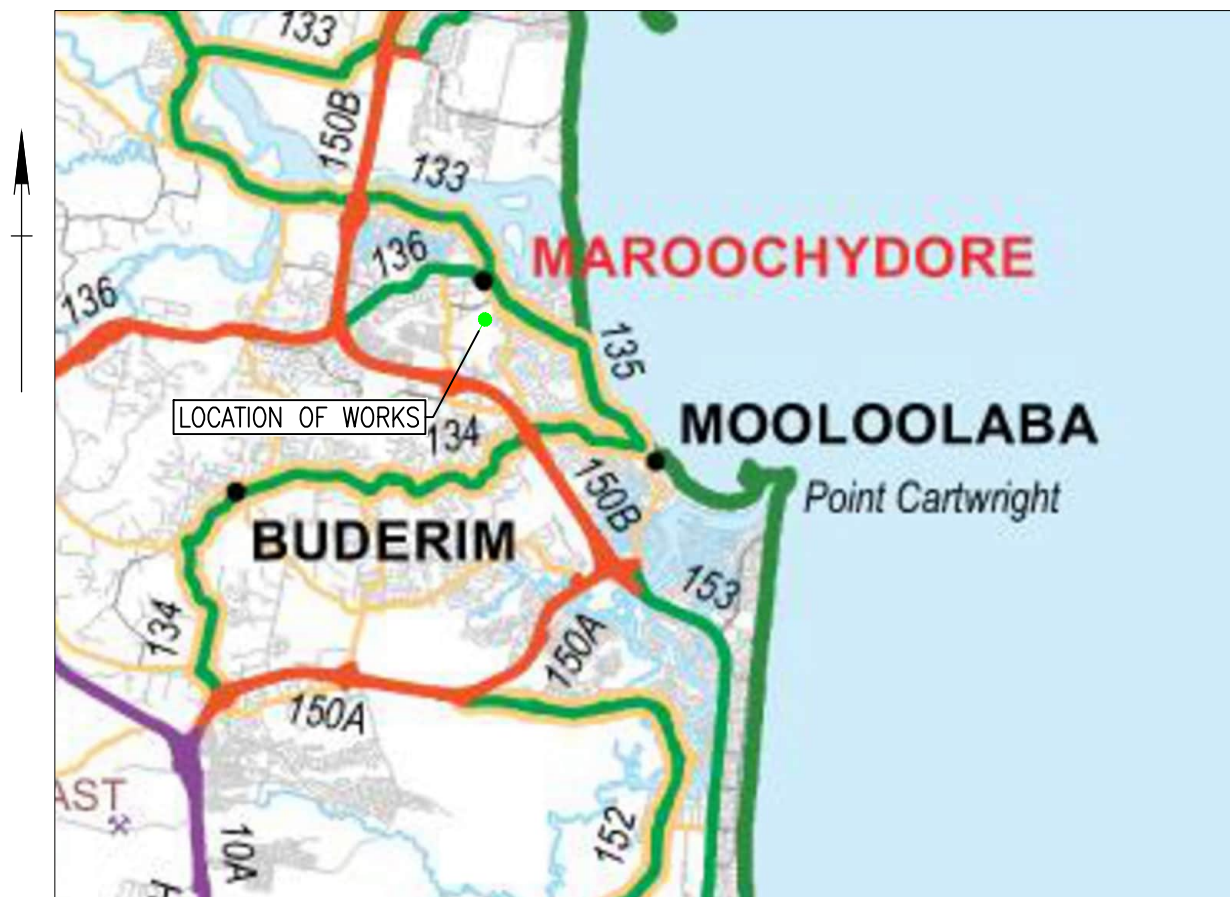


WALKER COOPERATION
T 30 - MAROOCHYDORE CITY CENT
RESIDENTIAL DEVELOPMENT



LOCALITY PLAN
Not to Scale

DRAWING INDEX

DRAWING NUMBER	DRAWING DESCRIPTION
571-003-C001-DI-01	LOCALITY PLAN AND DRAWING INDEX
571-003-C002-NL-01	NOTES AND LEGEND
571-003-C005-EF-01	EXISTING FEATURES AND SERVICES
571-003-C010-GA-01	GENERAL ARRANGEMENT
571-003-C040-EW-01	EARTHWORKS PLAN
571-003-C091-DDLS-01	DRAINAGE LONGITUDINAL SECTIONS
571-003-C140-ES-01	EROSION AND SEDIMENT CONTROL PLAN
571-003-C140-ES-02	EROSION AND SEDIMENT CONTROL DETAILS
TOTAL = 8	

GENERAL NOTES

1. These drawings shall be read in conjunction with the specifications, other consultants drawings and specifications, and all authority standard drawings and specifications.
2. Before proceeding with the work any discrepancies in the contract documents shall be referred for decision to the Administrator.
3. The Contractor shall verify all locations of services prior to construction, including up to date BYDA. The Contractor is responsible for the costs involved in the protection and the repair of any damaged services as a result of the work.
4. All materials and workmanship shall be as per the relevant authority requirements. Where the relevant authority does not stipulate requirements, the Queensland Department of Transport and Main Roads Standard Specifications shall apply.
5. The Contractor shall prepare a Workplace Health and Safety Plan for the project and shall not commence work until it is complete and evidence of such has been provided to the Administrator.
6. The Contractor shall not commence works until all required insurances are in place and evidence of such has been provided to the Administrator.
7. The Contractor shall be responsible for notifying all relevant authorities before commencing work. Works shall not commence until pre-start meetings are held with the relevant authorities.
8. Where traffic management is required as part of the works the Contractor shall submit a traffic management plan for approval by the relevant authority prior to commencing work, and shall be responsible for the management of traffic throughout the construction period.
9. The Contractor is responsible for preparing Erosion and Sediment Control Plans, and undertaking Erosion and Sediment Control during construction as per Council and other relevant authority's requirements.
10. The Contractor shall provide a consolidated set of test certificates demonstrating compliance with all construction requirements, along with the required authority CCTV reports at the completion of construction.
11. The Contractor shall be responsible for organising and coordinating any required private works that need to be undertaken by the approval authorities.
12. Unless otherwise advised, the Contractor shall be responsible for undertaking As Constructed survey of the works, including ADAC XML files with correct layering, labelling, co-ordinates and level information as per Council and water authority requirements.
13. The Contractor shall make allowance for works to be carried out by other Contractors or the Principal e.g. Electrical, Communications and Landscaping Contractors.
14. All levels are AHD.
15. All dimensions are in metres unless noted otherwise.
16. Scales shown are A1 size unless noted otherwise. Do not scale from drawings.

EARTHWORKS NOTES

1. The Contractor shall remove all structures, debris and fences from the site to the satisfaction of the Administrator.
2. All environmental weeds are to be removed from the site.
3. The existing surface is to be cleared of vegetation matter prior to the start of earthworks operations.
4. All trees that are removed are to be mulched. The mulch is to be stockpiled on site for use in erosion and sediment control or landscaping in a location approved by the Administrator.
5. Topsoil is to be stripped from all areas of proposed earthworks prior to the start of earthworks operations, and stockpiled in an approved location for re-use at a later date. The depth of topsoil stripping is to be agreed with the Administrator.
6. If topsoil depth varies from that noted on plans, the Contractor shall advise the Administrator immediately and seek direction to any required changes to the earthworks operations.
7. All earthworks operations shall be as per Council Standards. Where not specified, allotment fill is to be carried out as per Australian Standard AS3798 "Guidelines on Earthworks for Commercial and Residential Developments (Level 1 Supervision)". All other earthworks operations are to be carried out as per MRTS04.
8. Imported fill material shall be approved by the Administrator prior to commencing filling operations.
9. Earthworks are not to proceed past the following hold points until approval to proceed by the Administrator is issued in writing:
 - After stripping topsoil, prior to undertaking any filling operations.
 - After laying subsoil drainage pipes, prior to backfilling.
 - After subgrade preparation, prior to placing pavement materials. (Note that a subgrade proof roll, inspected by the Administrator, will be done after the installation of subsoil drains, unless the subsoil drains extend through the subbase, in which case the subgrade and subbase proof rolls will be required).
 - After completion of earthworks (including any necessary batter tining), prior to commencing topsoiling.
 - After completion of topsoiling, prior to laying turf, spraying hydromulch, spreading seed or mulch, or laying geofabric.
10. Topsoil is to be re-spread 75mm to 200mm thick on all footpaths, batters and lots within the limits of earthworks shown on the drawings unless noted otherwise in writing by the Administrator.
11. Unless noted otherwise, the finished surface levels shown on the plans shall be the final levels after placement of surface coverings e.g. topsoil, turf, mulch, rock-lining etc.

DRAINAGE NOTES

3. All stormwater drainage materials and construction standards including pipes, box culverts, pits, manholes, bedding, backfilling and testing (including CCTV) shall be as per Council requirements.
2. All pipe sizes are in millimetres. All dimensions, lengths etc are in metres unless noted otherwise.
3. All Stormwater pipes (except inter-allotment drainage) to be RCP class 2 with RRJ joints unless noted otherwise, or otherwise required by Council.
4. The stormwater pipe classes have been designed for service loads only. The Contractor shall assess anticipated construction loads and upgrade the pipe classes, if necessary, as per the Australian Standards at their own cost.
5. All inter-allotment pipes to be uPVC class 'SN8' unless noted otherwise, or otherwise required by Council.
6. All manholes and property pits shall be constructed to match finished surface levels and slopes. The Contractor should confirm finished surface levels prior to pit construction.
7. Drainage kerb adaptors to be installed as per IPWEA Standard Drawing RSD-201.
8. Where concrete footpaths and walls are located on the same verge as kerb adaptors, install 100mm uPVC class 8 drainage pipe from the kerb adaptor across the verge and under the footpath and wall into the property, with a 90 degree bend with riser to 100mm above surface.
9. Unless noted otherwise or otherwise required by the local authority, gully pits to be as per IPWEA Standard Drawing DSD-403. Field inlet pits to be as per IPWEA Standard Drawing DSD-401.
10. Provide Ø150 Roofwater drainage connection points at all property pits.
11. For pit reinforcement details refer to TMR Standard Drawings 1311 and 1307.
12. Setout for field inlets and manholes are to the centre of chamber unless otherwise noted.
13. All pipe/box culvert extensions will be on the same grade and alignment as existing unless noted otherwise.
14. Refer to Drainage Longitudinal Section for lintel types and sizes.
15. Refer to Outlet Rock Protection Detail for rock protection requirements at pipe and culvert outlets.
16. Invert at all manholes to be benched to suit inlet and outlet pipes.
17. Precast headwall and apron units shall be used and installed as per the manufacturers guidelines. Grouted rock headwalls shall be as per TMR specifications to grouted rock pitching.
18. Reinforced concrete box culverts shall be installed as per manufacturer's guidelines.
19. Base slabs of RCBC's shall be as per details shown on TMR Standard Drawings.
20. RCBC/SLBC reinforced concrete headwalls shall be constructed as per TMR Standard Drawings.
21. General arrangement and installation of precast units for RCBC's shall be as per TMR Standard Drawings.
22. The line, level and cross section of all open drains shall be inspected by the Administrator prior to the installation of lining (e.g. geofabric, rock, topsoil and turf). The Contractor shall not proceed past this hold point until the Administrator's approval is issued in writing.

LEGEND

EXISTING

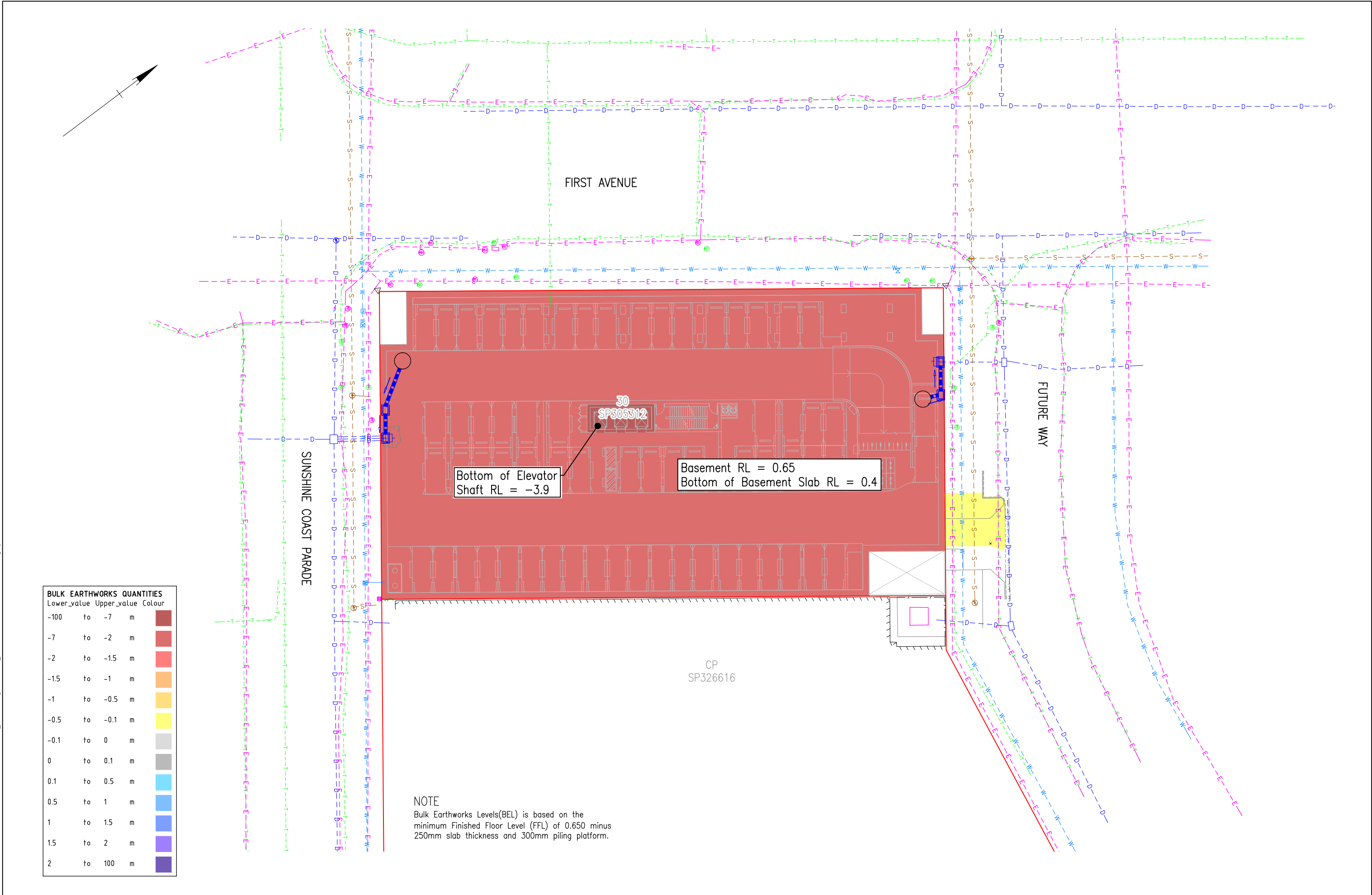
	Lot Boundary
	Contours
	Building
	Telecomms
	Telecomms Pit and Marker
	Electricity
	Elec Manhole, Pit, Pad, Pillar and M
	Watermain
	Water Hydrant, Valve and Marker
	Sewer
	Sewer Manhole
	Stormwater
	Stormwater Gullypit and Manhole
	Driveway
	Pathway
	Edge of Bitumen
	Kerb
	Top of Bank
	Slab

PROPOSED

 Stormwater Pipe
 Stormwater Pit
 Driveway

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								ENG. AREA		NAME		SIGNATURE			No.		DATE		NOTES AND LEGEND						
								CIVIL																	
1		ORIGINAL ISSUE				01/04/26		CRB		LDH		KAP													
Rev.		Description				Date		Drawn		Design		Check		RPEQ No. & Initial											
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														DRAWING NUMBER				571-003-C002-NL-01				REVISION		1	

Last Modified - Jun 15, 2026 - 11:54am C:\12d\idat\AP-01\571-003 Lot 30 MCC Real\26317\Design\AutoCAD_DRAWINGS\571-003-C040-EW-01.dwg By - LachlanBone



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Rev.	Description	Date	Drawn	Design	Check	RPEQ No. & Initial	

ENGINEERING CERTIFICATION (RPEQ)

ENG. AREA	NAME	SIGNATURE	No.	DATE
Civil				

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LOT 30 RESIDENTIAL DEVELOPMENT

EARTHWORKS PLAN

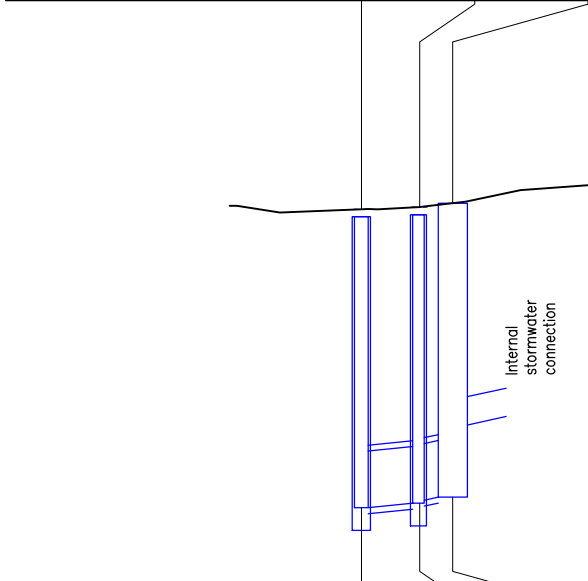
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REVISION 1

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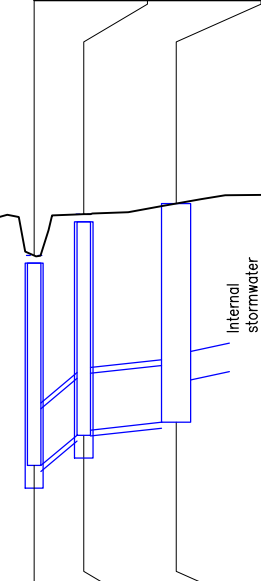
STRUCTURE NAME	A1-1
STRUCTURE DESCRIPTION	IPWEA (DS-050) FIELD INLET 900x600 TYPE 2B CLASS D
JUNCTION LINE	



PIPE SIZE (mm)	375	375
PIPE CLASS & TYPE	SRCP (3)	SRCP (2)
PIPE GRADE (%)	1.02%	2.15%
PIPE SLOPE (1 in X)	98.3	46.5
FULL PIPE VELOCITY (m/s)		
NORMAL DEPTH VELOCITY (m/s)		
PIPE FLOW (cumecs)		
CAPACITY FLOW (cumecs)		
DATUM RL	-1.000	
HGL IN PIPE	0.000	0.000
DEPTH TO INVERT	1.974	1.974
INVERT LEVEL	1.420	1.420
DESIGN LEVEL (EXISTING SURFACE LEVEL)	3.394	3.408
SETOUT COORDINATES	E 509116.536 N 7051305.978	E 509119.639 N 7051303.698
CHAINAGE	0.000	3.850

LINE 2.950m 0.930m
A1

STRUCTURE NAME	A2-3
STRUCTURE DESCRIPTION	IPWEA (DS-050) FIELD INLET 900x600 TYPE 2B CLASS D
JUNCTION LINE	



PIPE SIZE (mm)	375	375
PIPE CLASS & TYPE	SRCP (2)	SRCP (2)
PIPE GRADE (%)	8.42%	1.10%
PIPE SLOPE (1 in X)	11.9	90.9
FULL PIPE VELOCITY (m/s)		
NORMAL DEPTH VELOCITY (m/s)		
PIPE FLOW (cumecs)		
CAPACITY FLOW (cumecs)		
DATUM RL	-1.000	
HGL IN PIPE	0.000	0.000
DEPTH TO INVERT	1.388	1.388
INVERT LEVEL	1.700	1.700
DESIGN LEVEL (EXISTING SURFACE LEVEL)	3.088	3.361
SETOUT COORDINATES	E 509084.565 N 7051248.772	E 509081.936 N 7051250.726
CHAINAGE	0.000	3.276

2.376m 4.698m
A2



CLIENT



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ENGINEERING CERTIFICATION (RPEQ)			
ENG. AREA	NAME	SIGNATURE	No. DATE
Civil			

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1:500					A3
HORIZONTAL					
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1:50					A3
VERTICAL					

LOT 30 RESIDENTIAL DEVELOPMENT

DRAINAGE LONGITUDINAL SECTIONS

DRAWING NUMBER 571-003-C091-DDLS-01

REVISION 1

EROSION AND SEDIMENT CONTROL NOTES

1.

All control devices shall be installed and maintained as per these drawings along with any additional controls deemed necessary during construction.
2.

Additional erosion and sediment control shall be placed around all stockpile sites. The Contractor shall obtain the Certifying Engineer's written approval to the locations of all stockpiles, and the associated proposed erosion and sediment control provisions prior to commencing stockpiling activities.
3.

All erosion and sedimentation control devices (including sedimentation basins) shall be installed prior to stripping topsoil or commencing earthworks anywhere else on site unless otherwise approved by the Administrator. An inspection hold point is required at this point prior to the works proceeding.
4.

Where erosion and sediment control devices cannot be installed due to earthworks or other work operations, they shall be installed at the earliest possible date.
5.

The underground drainage system shall be used to convey runoff throughout construction. All drainage pits shall be constructed prior to placement of sub-base material and shall contain a suitable cut-out to capture run-off from base of boxing during construction.
6.

The underground drainage system including all pits, pipes and GPT shall be cleaned of sediment prior to on maintenance. Unless otherwise approved by the Administrator all temporary erosion and sediment control measures shall be removed at the completion of construction.
7.

However such removal shall not proceed until the site is stabilised to the Administrator's satisfaction.
8.

All construction vehicles shall be cleaned of mud and/or loose dirt prior to leaving the site.
9.

No release, or flow is permitted from the site, throughout the earthworks and construction period, to any waterway, or stormwater drain or drainage line leading to a waterway or area of native vegetation, unless the level of total suspended solids does not exceed a concentration of 50 milligrams per litre.
10.

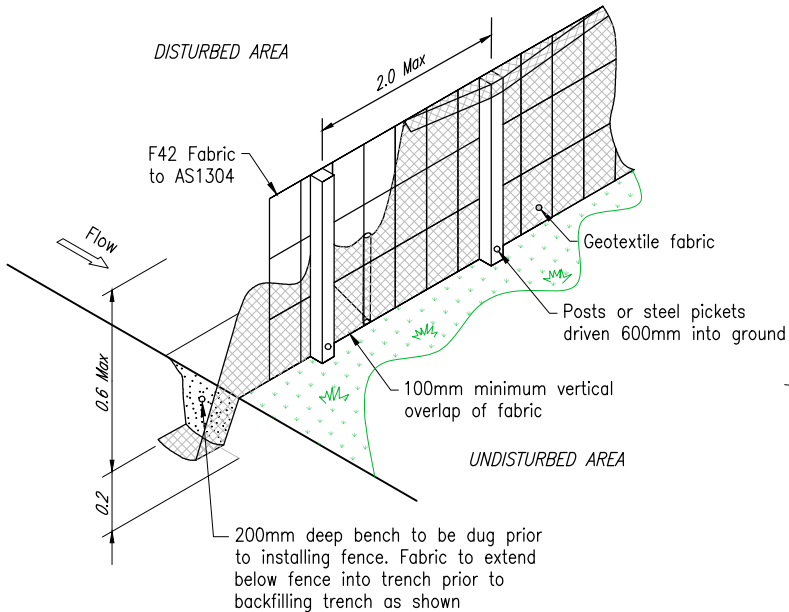
An effective water quality self-monitoring program, including at least one representative measurement of the total suspended solids quality of any flow or release from the site on each day runoff to water occurs, must be implemented continuously throughout the life of the works which are the subject of this approval. Where the findings of the required performance self-monitoring program indicate that the 50mg/L TSS compliance limit is being or is likely to be exceeded, remedial action must be taken without delay to ensure ongoing compliance.
11.

Sufficient stockpiles of mulch and/or other similar required erosion and sediment control materials and stores must be maintained on site at all times to enable ongoing erosion control, as well as site contingencies e.g. imminent wet weather, to be dealt with, until commencement of on maintenance.
12.

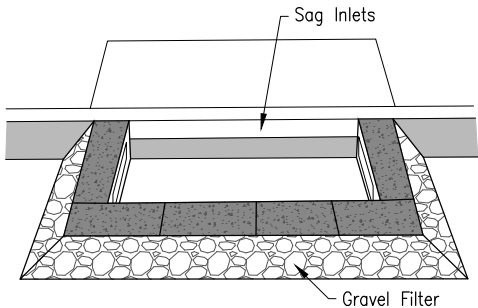
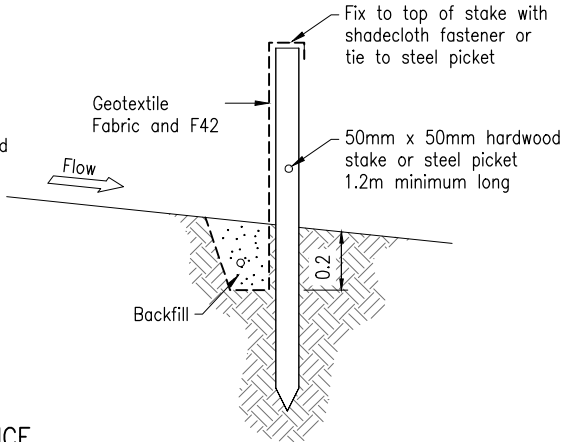
All sediment captured in basins must be treated (flocculated) and lawfully disposed of at the cessation of a rainfall event to maintain low water level in readiness for discharge of further runoff.
13.

A minimum stockpile of required flocculating agents, where appropriate, must be retained onsite to provide for at least three complete treatments. It must be stored in a secure undercover location.

The enclosed Erosion and Sediment Control drawings are concept drawings only. The Contractor is responsible for preparing Erosion and Sediment Plans for construction, and for undertaking Erosion and Sediment control during construction as per Council's and other relevant authority requirements

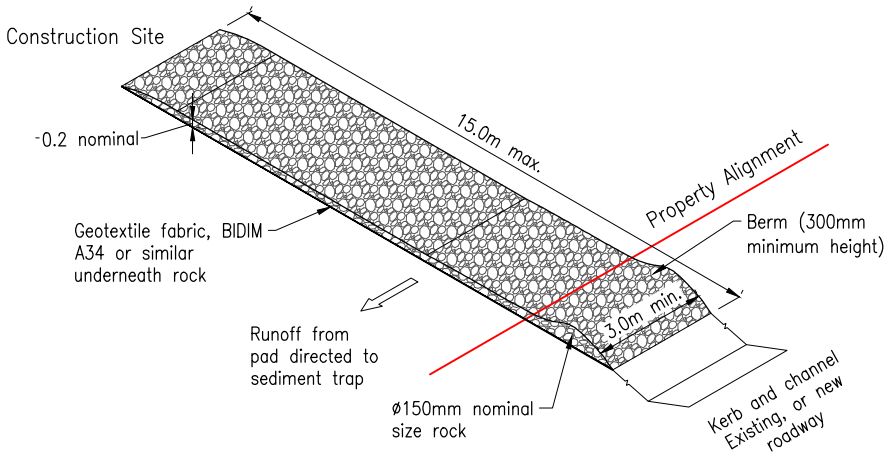


SEDIMENT FENCE
Not to Scale



- MAINTENANCE:
- Regular maintenance and inspection after each runoff producing storm event
- SAG GULLY INLETS:
- Must allow flows to overtop the barrier and freely enter the inlet

SAG PIT BARRIER
Not to Scale



TEMPORARY CONSTRUCTION ENTRY/EXIT SEDIMENT TRAP
Not to Scale

								ENGINEERING CERTIFICATION (RPEQ)				
								ENG. AREA	NAME	SIGNATURE	No.	DATE
								Civil	PRELIMINARY			
1	ORIGINAL ISSUE		01/04/26	CRB	LDH	KAP						
Rev.	Description		Date	Drawn	Design	Check	RPEQ No. & Initial					

LOT 30 RESIDENTIAL DEVELOPMENT	
EROSION AND SEDIMENT CONTROL DETAILS	
DRAWING NUMBER	571-003-C140-ES-02
REVISION	1