

# THREDBO ALPINE RESORT CAR PARK 2

**GENERAL NOTES**

- Contractor must verify all dimensions and existing levels on site prior to commencement of works. Any discrepancies to be reported to the Engineer.
- Strip all topsoil from the construction area. All stripped topsoil shall be disposed of off-site unless directed otherwise.
- Make smooth connection with all existing works.
- Compact subgrade under buildings and pavements to minimum 98% standard maximum dry density in accordance with AS 1289 5.1.1. Compaction under buildings to extend 2m minimum beyond building footprint.
- All work on public property, property which is to become public property, or any work which is to come under the control of the Statutory Authority, the Contractor is to ensure that the drawings used for construction have been approved by all relevant authorities prior to commencement site.
- All work on public property, property which is to become public property, or any work which is to come under the control of the Statutory Authority is to be carried out in accordance with the requirements of the relevant Authority. The Contractor shall obtain these requirements from the Authority. Where the requirements of the Authority are different to the drawings and specifications, the requirements of the Authority shall be applicable.
- For all temporary batters refer to geotechnical recommendations.

**REFERENCE DRAWINGS**

- These drawings have been based from, and to be read in conjunction with the following Consultants drawings. Any conflict to the drawings must be notified immediately to the Engineer.

Consultant	Dwg Title	Dwg No	Rev	Date
djrd	FLAT FRIDAY LAYOUT	A-A0.100	B	03.10.18
	SURVEY HORIZONTAL			30.07.18

**PIT SCHEDULE**

Note: Grate size does not necessarily reflect pit size, refer pit type details, shown on detail sheets - ?  
Final internal pit dimensions are to comply with AS3500

Type	Description	Cover (Clear Opening)	Number
A	Deletion outlet pit	900 x 900 Class C galvanised mild steel grate hinged to frame with trash screen	1

**STORMWATER DRAINAGE NOTES**

- Stormwater Design Criteria :
  - Average exceedance probability -
    - 1% AEP for culverts
    - 5% AEP for paved and landscaped areas
  - Rainfall intensities -
    - Time of concentration: 5 minutes
    - 1% AEP = 14.4 mm
    - 5% AEP = 10.5 mm
  - Rainfall losses -
    - Impervious areas: IL = 1.5 mm, CL = 0 mm/hr
    - Pervious areas: IL = 29 mm, CL = 5.4 mm/hr
- Pipes 300 dia and larger to be reinforced concrete Class "2" approved spigot and socket with rubber ring joints U.N.O.
- Pipes up to 300 dia shall be sewer grade uPVC with solvent welded joints.
- Equivalent strength VCP or FRP pipes may be used subject to approval.
- Precast pits may be used external to the building subject to approval by Engineer.
- Enlargers, connections and junctions to be manufactured fittings where pipes are less than 300 dia.
- Where subsoil drains pass under floor slabs and vehicular pavements, unslotted uPVC sewer grade pipe is to be used.
- Grates and covers shall conform with AS 3996-2006, and AS 1428.1 for access requirements.
- Pipes are to be installed in accordance with AS 3725. All bedding to be type H2 U.N.O.
- Core is to be taken with levels of stormwater lines. Grades shown are not to be reduced without approval.
- All stormwater pipes to be 150 dia at 1.0% min fall U.N.O.
- Subsoil drains to be slotted flexible uPVC U.N.O.
- Adopt invert levels for pipe installation (grades shown are only nominal).

**KERBING NOTES**

Includes all kerbs, gutters, dish drains, crossings and edges.

- All kerbs, gutters, dish drains and crossings to be constructed on minimum 75mm granular basecourse compacted to minimum 98% modified maximum dry density in accordance with AS 1289 5.2.1.
- Expansion joints (EJ) to be formed from 10mm compressible cork filler board for the full depth of the section and cut to profile. Expansion joints to be located at drainage pits, on tangent points of curves and elsewhere at 12m centres except for integral kerbs where the expansion joints are to match the joint locations in slabs.
- Weakened plane joints to be min 3mm wide and located at 3m centres except for integral kerbs where weakened plane joints are to match the joint locations in slabs.
- Broomed finished to all ramped and vehicular crossings, all other kerbing or dish drains to be steel float finished.
- In the replacement of kerbs -
  - Existing road pavement is to be sawcut 900mm from lip of gutter. Upon completion of new kerbs, new basecourse and surface is to be laid 900mm wide to match existing materials and thicknesses.
  - Existing allotment drainage pipes are to be built into the new kerb with a 100mm dia hole.
  - Existing kerbs are to be completely removed where new kerbs are shown.

**CONCRETE FINISHING NOTES**

- All exposed concrete pavements are to be broomed finished.
- All edges of the concrete pavement including keyed and dowelled joints are to be finished with an edging tool.
- Concrete pavements with grades greater than 10 % shall be heavily broomed finished.
- Carborundum to be added to all stair treads and ramped crossings U.N.O.

**SURVEY AND SERVICES INFORMATION SURVEY**

Origin of levels : TBC  
Datum of levels : A.H.D. AUSTRALIAN HEIGHT DATUM  
Coordinate system : TBC  
Survey prepared by : TBC  
Setout Points : CONTACT THE SURVEYOR

Taylor Thomson Whitting does not guarantee that the survey information shown on these drawings is accurate and will accept no liability for any inaccuracies in the survey information provided to us from any cause whatsoever.

**UNDERGROUND SERVICES - WARNING**

The locations of underground services shown on Taylor Thomson Whittings drawings have been plotted from diagrams provided by service authorities. This information has been prepared solely for the authorities own use and may not necessarily be updated or accurate.

The position of services as recorded by the authority at the time of installation may not reflect changes in the physical environment subsequent to installation.

Taylor Thomson Whitting does not guarantee that the services information shown on these drawings shows more than the presence or absence of services, and will accept no liability for inaccuracies in the services information shown from any cause whatsoever.

The Contractor must confirm the exact location and extent of services prior to construction and notify any conflict with the drawings immediately to the Engineer/Superintendent.

The contractor is to get approval from the relevant state survey department, to remove/adjust any survey mark. This includes but is not limited to; State Survey Marks (SSM), Permanent Marks (PM), cadastral reference marks or any other survey mark which is to be removed or adjusted in any way.

Taylor Thomson Whitting plans to not indicate the presence of any survey mark. The contractor is to undertake their own search.

**BOUNDARY AND EASEMENT NOTE**

The property boundary and easement locations shown on Taylor Thomson Whitting drawing's have been based from information received from : No boundary information received.  
Refer architect for boundary information and locations

Taylor Thomson Whitting makes no guarantees that the boundary or easement information shown is correct.

Taylor Thomson Whitting will accept no liabilities for boundary inaccuracies. The contractor/builder is advised to check/confirm all boundaries in relation to all proposed work prior to the commencement of construction. Boundary inaccuracies found are to be reported to the superintendent prior to construction starting.

**JOINTING NOTES**

**Vehicular Pavement Jointing**

- All vehicular pavements to be jointed as shown on drawings.
- Keyed construction joints should generally be located at a maximum of 6m centres.
- Sawn joints should generally be located at a maximum of 6m centres or 1.5 x the spacing of keyed joints, where key joint spacing is less than 4m, with dowelled expansion joints at maximum of 30m centres.
- Provide 10mm wide full depth expansion joints between buildings and all concrete or unit pavers.
- The timing of the saw cut is to be confirmed by the contractor on site. Site conditions will determine how many hours after the concrete pour before the saw cuts are commenced. Refer to the specification for weather conditions and temperatures required.
- Vehicular pavement jointing as follows.

**Pedestrian Footpath Jointing**

- Expansion joints are to be located where possible at tangent points of curves and elsewhere at max 6.0m centres.
- Weakened plane joints are to be located at a max 1.5 x width of the pavement.
- Where possible joints should be located to match kerbing and / or adjacent pavement joints.
- All pedestrian footpath jointings as follows (uno).

**SIGNS AND LINE MARKING NOTES**

- Pavement marking and sign posting on public roads shall be in accordance with the requirements of the relevant Road Authority. The contractor shall obtain these requirements from the Road Authority.
- Pavement marking and sign posting to be in accordance with R.T.A. 'Interim Guide to Signs and Markings'.
- Contractor is to provide guide posts, spaced in accordance with AS1742.2. They are to be located near all head walls and pipe outlets.
- Raised pavement markers to be in accordance with AS1742.2
- Where existing pavement markings conflicts with proposed, it is to be removed.
- Lane widths do not include width of gutter.
- Line marking plan does not define boundaries.
- Erect temporary sign 'changed traffic conditions ahead' 120m ahead of new work in both directions.
- Establish the location of existing utility services and locate new signs clear of these installations.
- The sloped face of the SF median kerbs which adjoin through lanes, are to be painted white in lieu of an E3 edge line. The reflective pavement markers normally associated with an E3 edge line are to be located on the pavement adjacent to the SF kerb.
- Bicycle pavement markings and sign posting to be in accordance with Austroads Standards.
- The design of major directional sign posting to be prepared and assessed by the R.T.A.

**EROSION AND SEDIMENT CONTROL NOTES**

- All work shall be generally carried out in accordance with
  - Local authority requirements,
  - EPA - Pollution control manual for urban stormwater,
  - LANCICOM NSW - Managing Urban Stormwater: Soils and Construction ("Blue Book").
- Erosion and sediment control drawings and notes are provided for the whole of the works. Should the Contractor stage these works then the design may be required to be modified. Variation to these details may require approval by the relevant authorities. The erosion and sediment control plan shall be implemented and adapted to meet the varying situations as work on site progresses.
- Maintain all erosion and sediment control devices to the satisfaction of the superintendent and the local authority.
- When stormwater pits are constructed prevent site runoff entering the pits unless silt fences are erected around pits.
- Minimise the area of site being disturbed at any one time.
- Protect all stockpiles of materials from scour and erosion. Do not stockpile loose material in roadways, near drainage pits or in watercourses.
- All soil and water control measures are to be put back in place at the end of each working day, and modified to best suit site conditions.
- Control water from upstream of the site such that it does not enter the disturbed site.
- All construction vehicles shall enter and exit the site via the temporary construction entry/exit.
- All vehicles leaving the site shall be cleaned and inspected before leaving.
- Maintain all stormwater pipes and pits clear of debris and sediment. Inspect stormwater system and clean out after each storm event.
- Clean out all erosion and sediment control devices after each storm event.

**Sequence Of Works**

- Prior to commencement of excavation the following soil management devices must be installed.
- Construct silt fences below the site and across all potential runoff sites.
- Construct temporary construction entry/exit and divert runoff to suitable control systems.
- Construct measures to divert upstream flows into existing stormwater system.
- Construct sedimentation traps/basin including outlet control and overflow.
- Construct turf lined swales.
- Provide sandbag sediment traps upstream of existing pits.
- Construct geotextile filter pit surround around all proposed pits as they are constructed.
- On completion of pavement provide sand bag kerb inlet sediment traps around pits.
- Provide and maintain a strip of turf on both sides of all roads after the construction of kerbs.

**BULK EARTHWORKS NOTES**

- All bulk earthworks setout from grid lines U.N.O.
- All batters at a slope of 2 (H) : 1 (V) U.N.O.
- Excavated material may be used as structural fill provided,
  - it complies with the specification requirements for fill material,
  - the placement moisture content complies with the Geotechnical Consultants requirements, and allows filling to be placed and proffiled in accordance with the specification. Where necessary the Contractor must moisture condition the excavated material to meet these requirements.
- Compact fill areas and subgrade to not less than:
 

Location	Standard dry density (AS 1289 5.1.1.)	Moisture (OMC)
Under building slabs on ground:	98%	±2%
Under roads and carparks:	98%	±2%
Landscaped areas:	95%	±2%
- Before placing fill, proff roll exposed subgrade with a 10 tonne minimum roller to test subgrade and then remove soft spots (areas with more than 3mm movement under roller). Soft spots to be replaced with select fill U.N.O.
- Contractor shall place safety barriers around excavations in accordance with relevant safety regulations.
- For interpretation of bulk earthworks foot print line shown on the bulk earthworks drawings refer to the bulk earthworks construction legend.
- Bulk earthwork drawings are not to be used for detailed excavation.
- Refer to Geotechnical Report prepared by - DOUGLAS PARTNERS PROJECT 91329.00

**BULK EARTHWORKS LEGEND**

**EXISTING SERVICES LEGEND**

**RETAINING WALLS**

- Drainage shall be provided as shown on the drainage drawings.
- Backfilling shall be carried out after gravel or concrete has reached a minimum strength of 0.85 f<sub>c</sub>. Backfilling shall be approved granular material compacted in layers not exceeding 200mm to 95% Standard compaction unless noted otherwise.
- Provide waterproofing to back of walls as specified or noted.
- Where retaining walls rely on connecting structural elements for stability, do not backfill against the wall unless it is adequately propped or the elements have been constructed and have sufficient strength to withstand the loads.
- For all temporary batters obtain geotechnical engineers recommendations.

**REINFORCED EARTH WALL NOTE**

- All masonry blocks and gabion baskets are to the manufacture's specification.
- Geofabric type and length is to be laid as per plans.
- Subgrade bearing tests must be completed and results reviewed prior to gabion basket laying.
- Contractor to submit shear box test results to ensure adequate friction angle, unit weight and cohesion.
- Contractor must provide test records to ensure compaction results and moisture content between layers that have been specified is achieved.
- Soil conditions are anticipated as noted by the latest geotechnical report. Any conflicts or changes with the soil conditions or design, the contractor is to seek approval for any changes by the geotechnical engineer.

**SAFETY IN DESIGN**

Contractor to refer to Appendix B of the Civil Specification for the Civil Risk and Solutions Register.

**EXISTING SERVICES**

Contractor to be aware existing services are located within the site. Location of all services to be verified by the Contractor prior to commencing works. Contractor to confirm with relevant authority regarding measures to be taken to ensure services are protected or procedures are in place to demolish and/or relocate.

**EXISTING STRUCTURES**

Contractor to be aware existing structures may exist within the site. To prevent damage to existing structure(s) and/or personnel, site works to be carried out as far as practicable possible from existing structure(s).

**EXISTING TREES**

Contractor to be aware existing trees exist within the site which need to be protected. To prevent damage to trees and/or personnel, site works to be carried out as far as practicable possible from existing trees. Advice needs to be sought from Arborist and/or Landscape Architect in measures required to protect trees.

**GROUNDWATER**

Contractor to be aware ground water levels are close to existing surface level. Temporary de-watering may be required during construction works.

**EXCAVATIONS**

Deep excavations due to stormwater drainage works is required. Contractor to ensure safe working procedures are in place for works. All excavations to be fenced off and batters adequately supported to approval of Geotechnical Engineer.

**GROUND CONDITIONS**

Contractor to be aware of the site geotechnical conditions. Refer to geotechnical report by Douglas Partners (ref:91329) for details.

**HAZARDOUS MATERIALS**

Existing asbestos products & contaminated material may be present on site. Contractor to ensure all hazardous materials are identified prior to commencing works. Safe working practices as per relevant authority to be adopted and appropriate PPE to be used when handling all hazardous materials. Refer to geotechnical/environmental report by Douglas Partners (ref:91329) for details.

**CONFINED SPACES**

Contractor to be aware of potential hazards due to working in confined spaces such as stormwater pits, trenches and/or tanks. Contractor to provide safe working methods and use appropriate PPE when entering confined spaces.

**MANUAL HANDLING**

Contractor to be aware manual handling may be required during construction. Contractor to take appropriate measures to ensure manual handling procedures and assessments are in place prior to commencing works.

**WATER POLLUTION**

Contractor to ensure appropriate measures are taken to prevent pollutants from construction works contaminating the surrounding environment.

**SITE ACCESS/EGRESS**

Contractor to be aware site works occur in close proximity to footpaths and roadways. Contractor to erect appropriate barriers and signage to protect site personnel and public.

**VEHICLE MOVEMENT**

Contractor to supply and comply with traffic management plan and provide adequate site traffic control including a certified traffic marshal to supervise vehicle movements where necessary.

**BULK EARTHWORKS LEGEND**

**EXISTING SERVICES LEGEND**

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**SITWORKS LEGEND**

**DRAWING SCHEDULE**

DRAWING NO.	DRAWING NAME
C500	NOTES AND LEGENDS SHEET
C501	EROSION AND SEDIMENT CONTROL PLAN
C502	SITE WORKS PLAN SHEET 1
C503	SITE WORKS PLAN SHEET 2
C504	SECTION SHEET 1
C505	SECTION SHEET 2
C506	DETAILS SHEET

Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
P3	DA SUBMISSION	EC	JW	07.01.18					
P2	DA SUBMISSION	EC	JW	19.12.18					
P1	DA SUBMISSION	EC	JW	18.12.18					

Client

Civil Engineer  
**TTW Taylor Thomson Whitting**  
612 9439 7288 | 48 Chandos Street St Leonards NSW 2065

Project  
THREDBO ALPINE RESORT  
FRIDAY FLAT CAR PARKS

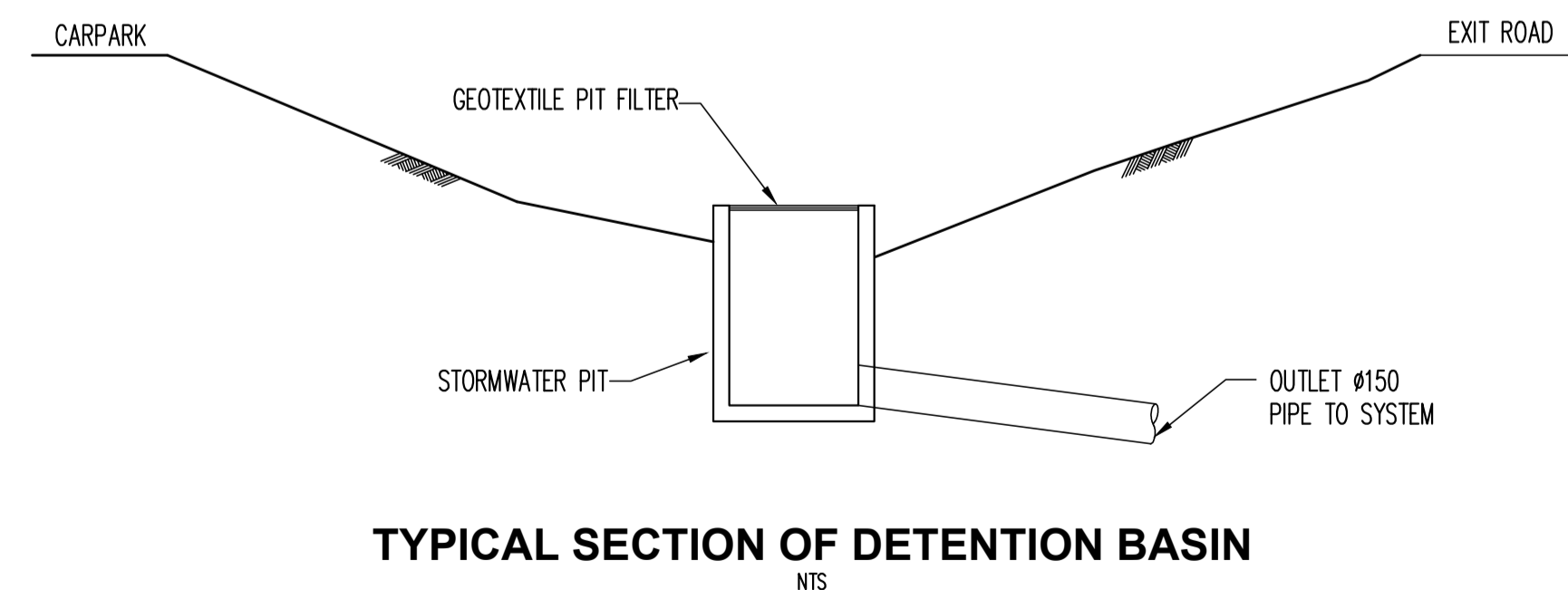
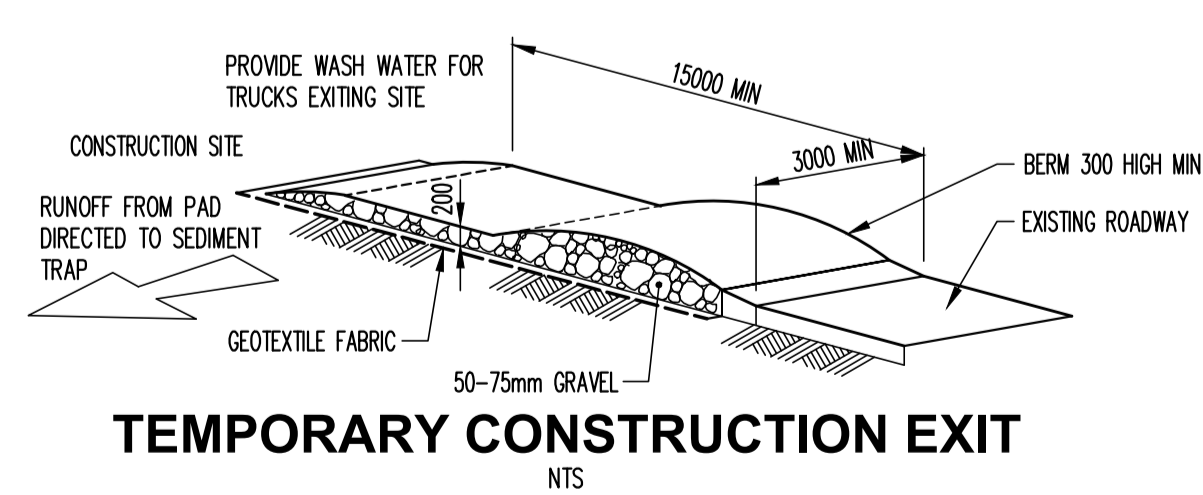
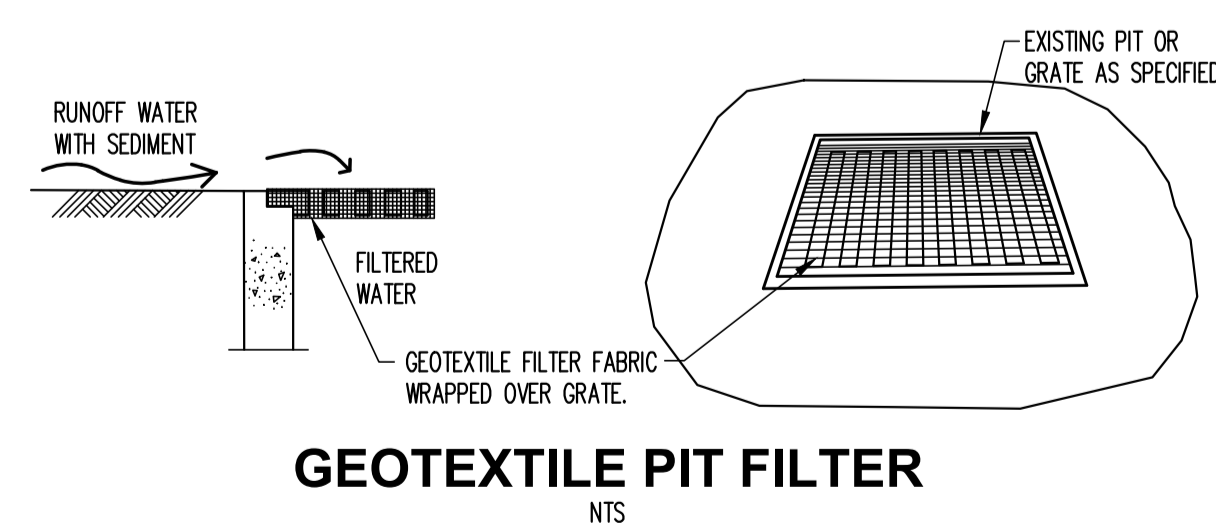
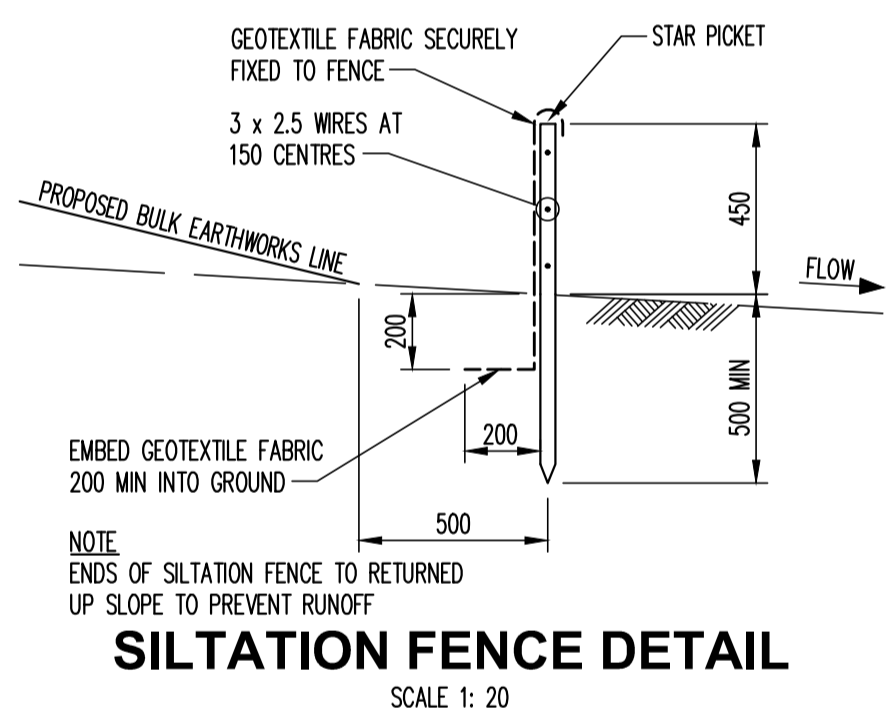
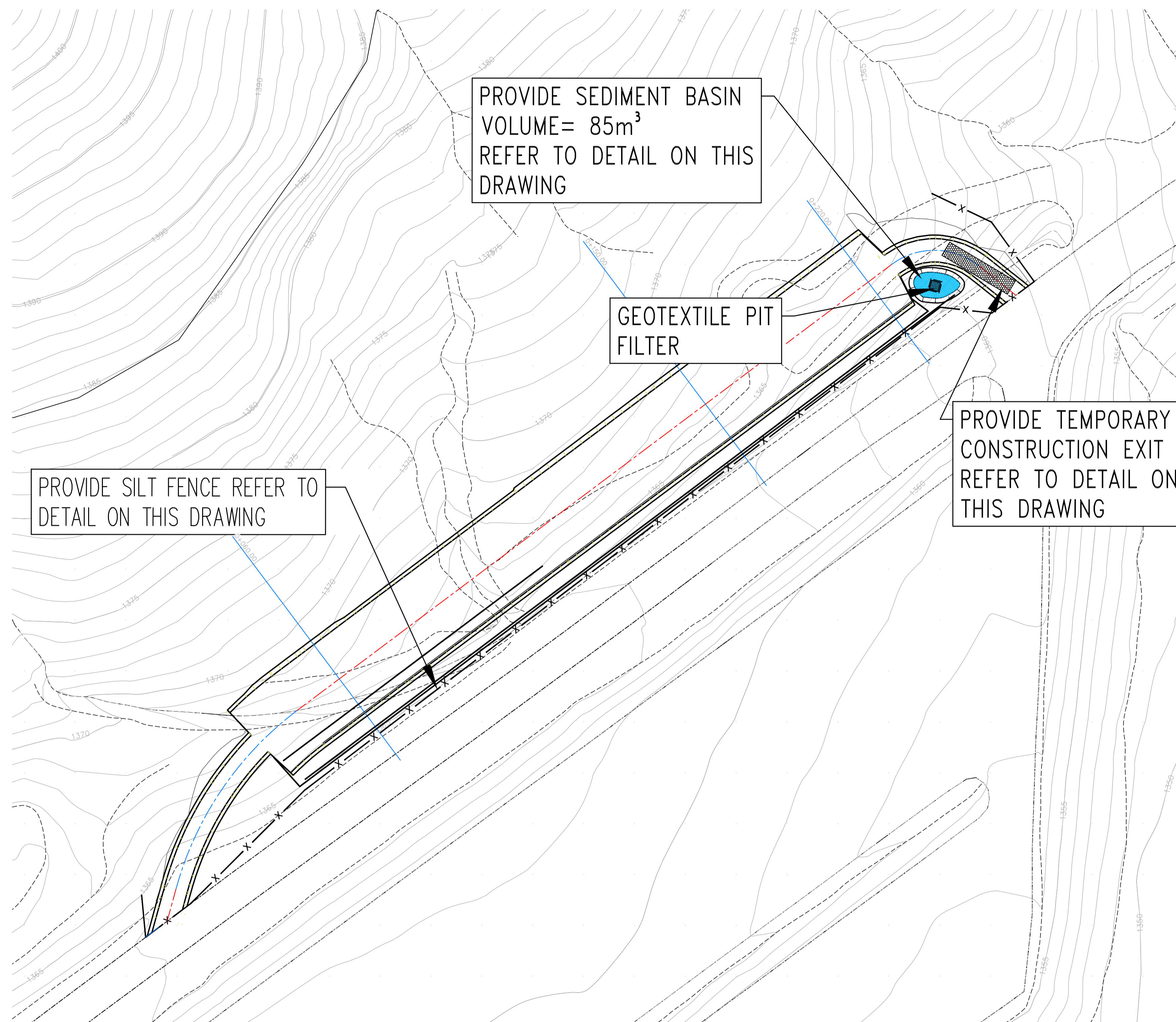
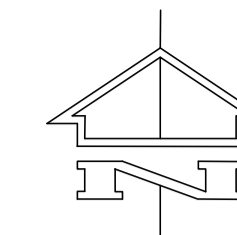
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NOTES AND LEGEND SHEET

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Job No : 181487  
Drawing No : C500  
Revision : P3

Plot File Created: Jan 10, 2019 - 1:27pm

## DA SUBMISSION



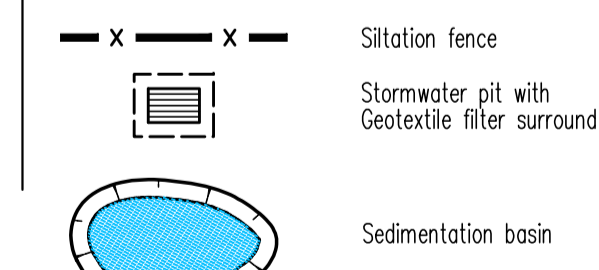
**EROSION AND SEDIMENT CONTROL NOTES**

- All work shall be generally carried out in accordance with:
  - Local authority requirements,
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  - LANDCOM NSW - Managing Urban Stormwater: Soils and Construction ("Blue Book").
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- All vehicles leaving the site shall be cleaned and inspected before leaving.
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**Sequence Of Works**

- Prior to commencement of excavation the following soil management devices must be installed.
  - Construct silt fences below the site and across all potential runoff sites.
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  - Construct measures to divert upstream flows into existing stormwater system.
  - Construct sedimentation traps/basin including outlet control and overflow.
  - Construct turf lined swales.
  - Provide sandbag sediment traps upstream of existing pits.
  - Construct geotextile filter pit surround around all proposed pits as they are constructed.
  - On completion of pavement provide sand bag kerb inlet sediment traps around pits.
  - Provide and maintain a strip of turf on both sides of all roads after the construction of kerbs.

**EROSION AND SEDIMENT CONTROL LEGEND**



**DA SUBMISSION**

Filename: C501.dwg - User: duncan - Plot File Created: Dec 21, 2018 - 1:04pm

Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
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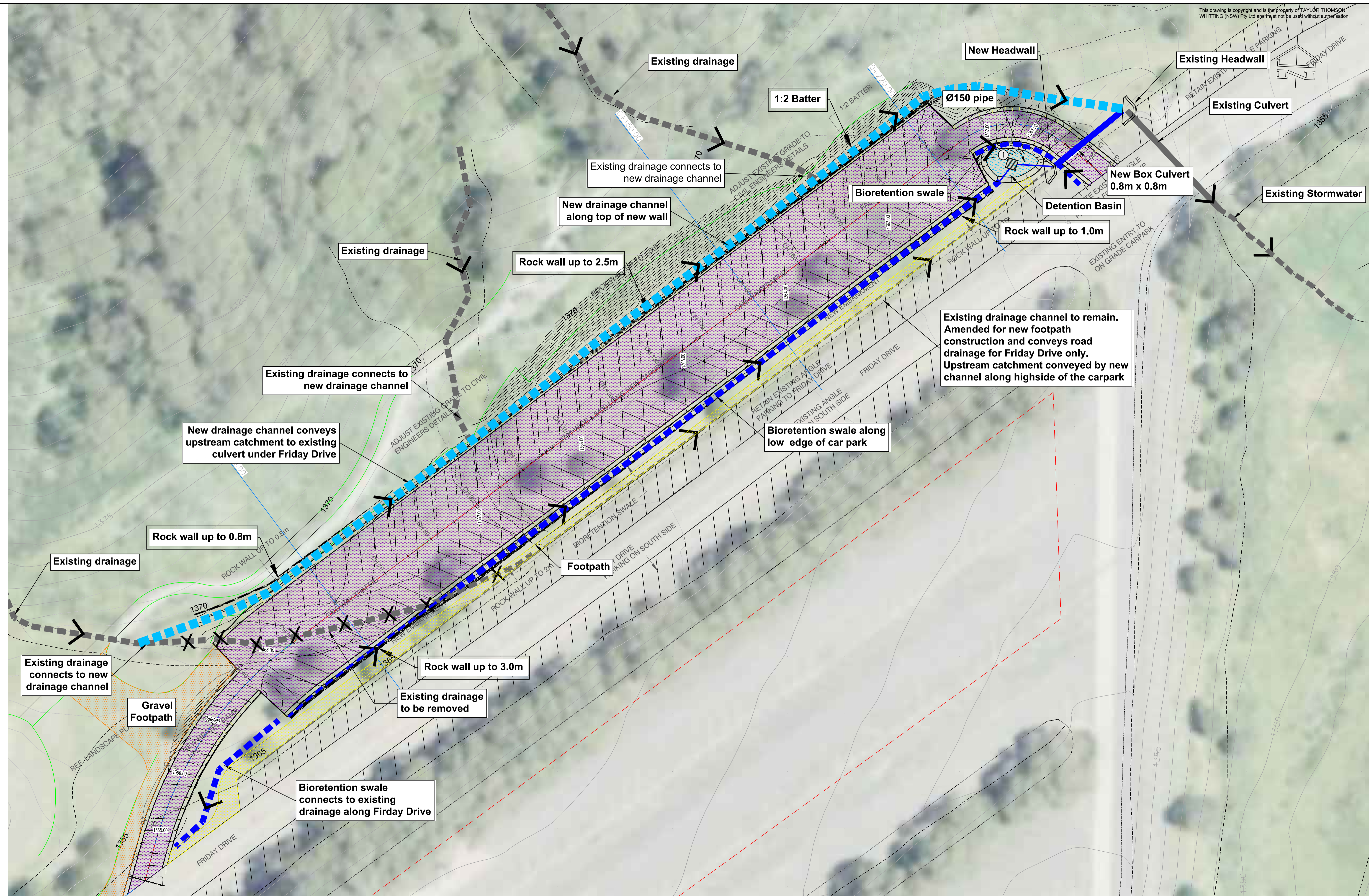
Client

Civil Engineer  
  
 612.9439.7288 | 48 Chandos Street St Leonards NSW 2065

Project  
**THREDBO ALPINE RESORT  
 FRIDAY FLAT CAR PARKS**

Sheet Subject  
**EROSION AND SEDIMENT  
 CONTROL PLAN - CAR PARK 2**

Scale: A1 1:1000	Drawn HM	Authorised SB
Job No <b>181487</b>	Drawing No <b>C501</b>	Revision <b>P2</b>
Plot File Created: Dec 21, 2018 - 1:04pm		



Reference: C502.dwg - USER: darcus - Plot File Created: Jan 10, 2019 - 2:01pm

**DA SUBMISSION**

Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
P5	DA SUBMISSION	DU	JW	07.01.19										
P4	DA SUBMISSION	EC	JW	21.12.18										
P3	DA SUBMISSION	EC	JW	20.12.18										
P2	DA SUBMISSION	EC	JW	19.12.18										
P1	DA SUBMISSION	EC	JW	18.12.18										

Client

Civil Engineer

612.9439.7288 | 48 Chandos Street St Leonards NSW 2065

Project  
**THREDBO ALPINE RESORT  
 FRIDAY FLAT CAR PARKS**

Sheet Subject  
**SITWORKS PLAN SHEET 1**

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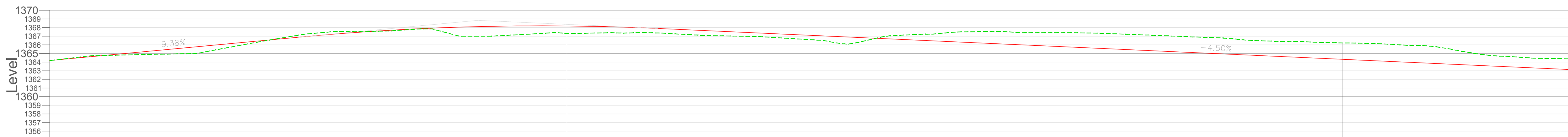
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Job No  
**181487**

Drawing No  
**C502**

Revision  
**P5**

Plot File Created: Jan 10, 2019 - 2:01pm



Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000
Existing Levels	1364.179	1364.866	1365.566	1367.276	1367.649	1367.000	1367.308	1367.395	1367.006	1366.463	1367.178	1367.544	1367.381	1367.031	1366.486	1366.224	1365.856	1364.607
Proposed Levels	1364.179	1365.117	1366.055	1366.991	1367.723	1368.122	1368.188	1367.924	1367.474	1367.024	1366.574	1366.124	1365.674	1365.224	1364.774	1364.324	1363.874	1363.424
Level Difference	0.000	0.257	0.495	-0.286	0.074	1.122	0.881	0.529	0.469	0.562	-0.603	-1.420	-1.707	-1.806	-1.711	-1.900	-1.984	-1.183

CP2 LONGITUDINAL SECTION  
SCALE 1: 250

FOR CONTINUATION REFER TO DRAWING BELOW



Chainage	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	223.538
Existing Levels	1366.224	1365.859	1364.607	1364.481	1364.146	1363.549	1361.413	1359.043	1359.242
Proposed Levels	1364.324	1363.874	1363.424	1362.974	1362.524	1362.074	1360.875	1359.675	1359.250
Level Difference	-1.900	-1.984	-1.183	-1.516	-1.622	-1.474	-0.538	0.632	0.009

FOR CONTINUATION REFER TO DRAWING ABOVE

Filename: C504.dwg - User: Admin - Plot File Created: Jan 10, 2019 - 2:09pm

Client									
Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
P2	DA SUBMISSION	EC	JW	10.01.19					
P1	DA SUBMISSION	EC	JW	18.12.18					

Civil Engineer

612.9439.7288 | 48 Chandos Street St Leonards NSW 2065

Project  
**THREDBO ALPINE RESORT  
FRIDAY FLAT CAR PARKS**

Sheet Subject  
**SECTION SHEET 1**

**DA SUBMISSION**

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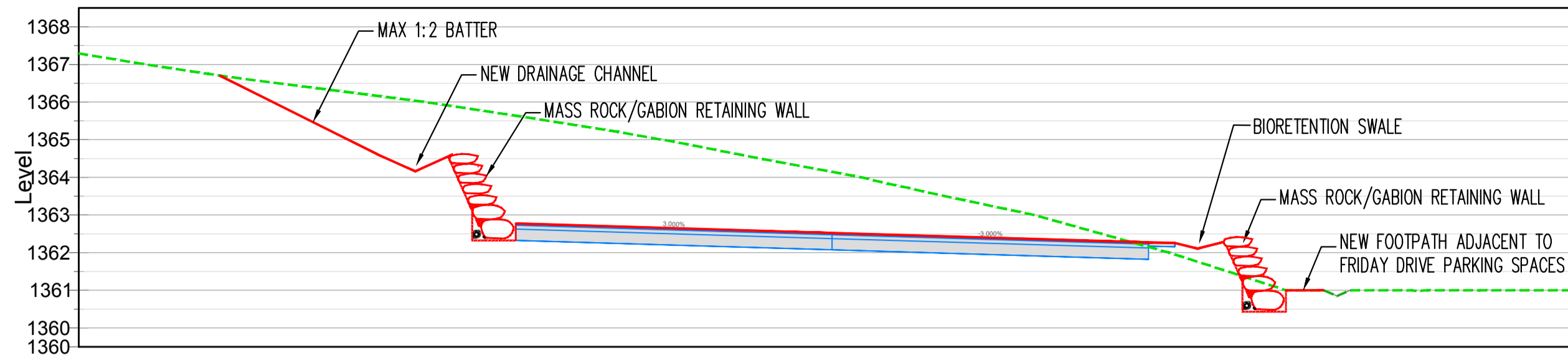
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**181487**

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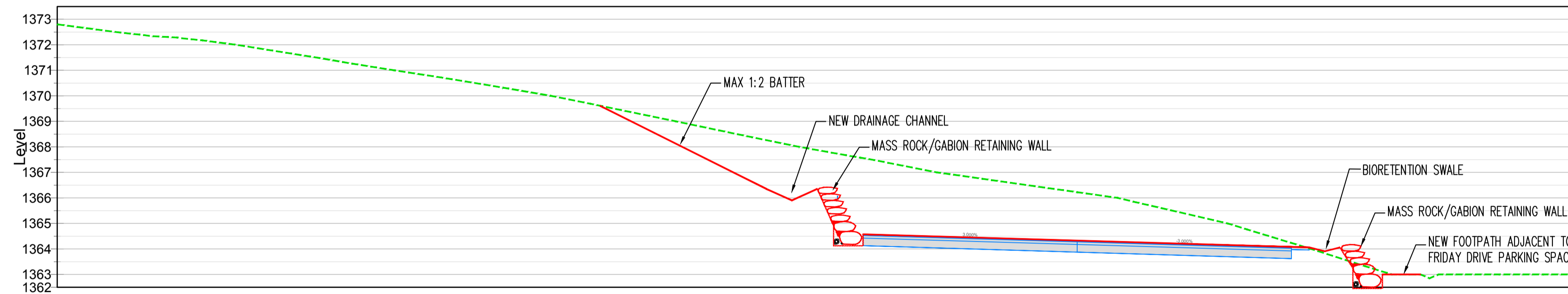
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**P2**

Plot File Created: Jan 10, 2019 - 2:09pm



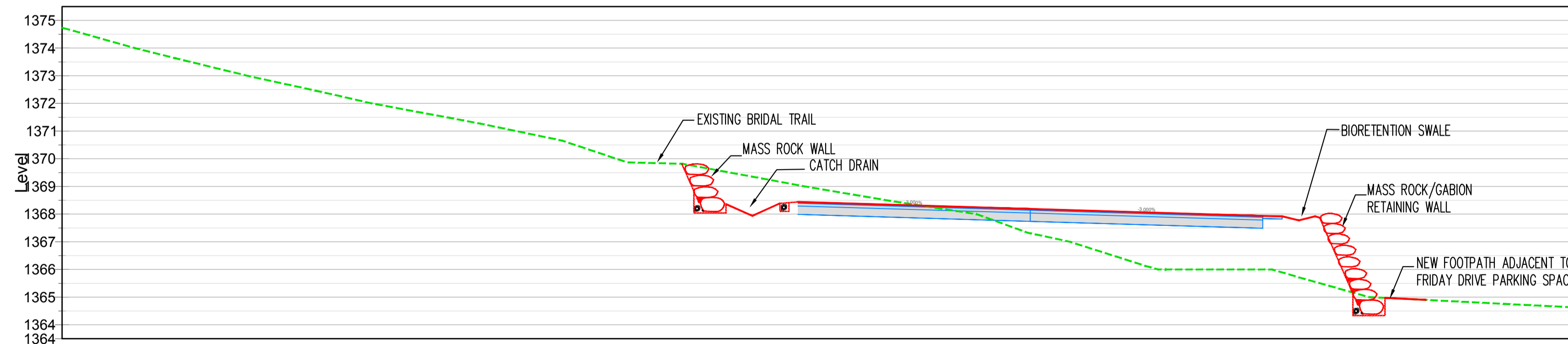
Proposed Elevations			1364.58	1362.67	1362.52	1362.37	1362.18		
Existing Elevations	1367.29	1366.54	1365.88	1365.09	1364.15	1363.08	1361.66	1361.00	1361.00

Chainage 0+190.00



Proposed Elevations							1366.38	1364.47	1364.32	1364.17	1363.98		
Existing Elevations	1372.80	1372.24	1371.53	1370.73	1369.87	1368.85	1367.84	1366.93	1366.22	1365.21	1363.74	1363.00	1363.00

Chainage 0+150.00



Proposed Elevations							1368.34	1368.19	1368.04	1367.61		
Existing Elevations	1374.79	1373.41	1372.28	1371.29	1370.28	1369.34	1368.47	1367.31	1366.00	1365.63	1364.87	1364.61

Chainage 0+060.00

Filename: C505.dwg - USER: admin - Plot File Created: Jan 10, 2019 - 2:10pm

DA SUBMISSION

Client	
Civil Engineer	
Project	THREDBO ALPINE RESORT FRIDAY FLAT CAR PARK 2
Sheet Subject	SECTION SHEET 2
Scale	A1 1:100
Drawn	WW
Authorised	SB
Job No	181487
Drawing No	C505
Revision	P3
Plot File Created	Jan 10, 2019 - 2:10pm

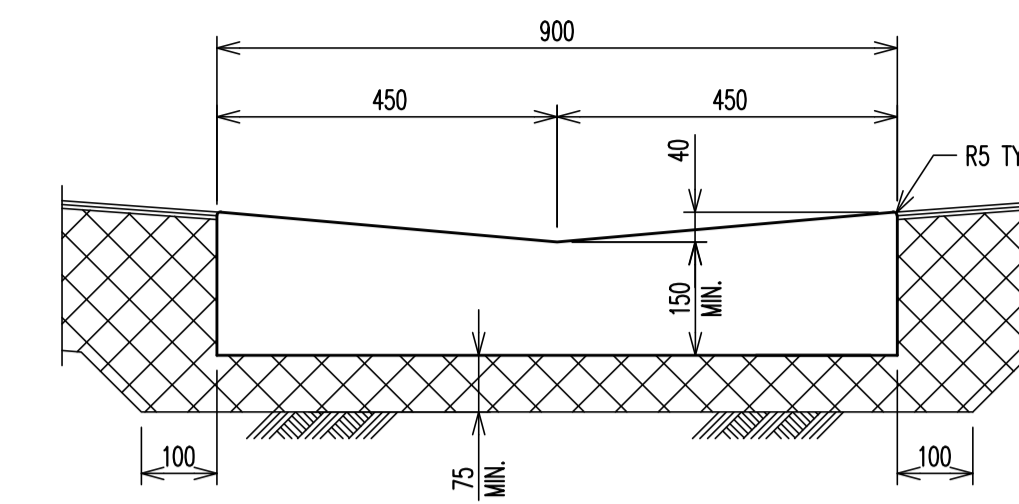
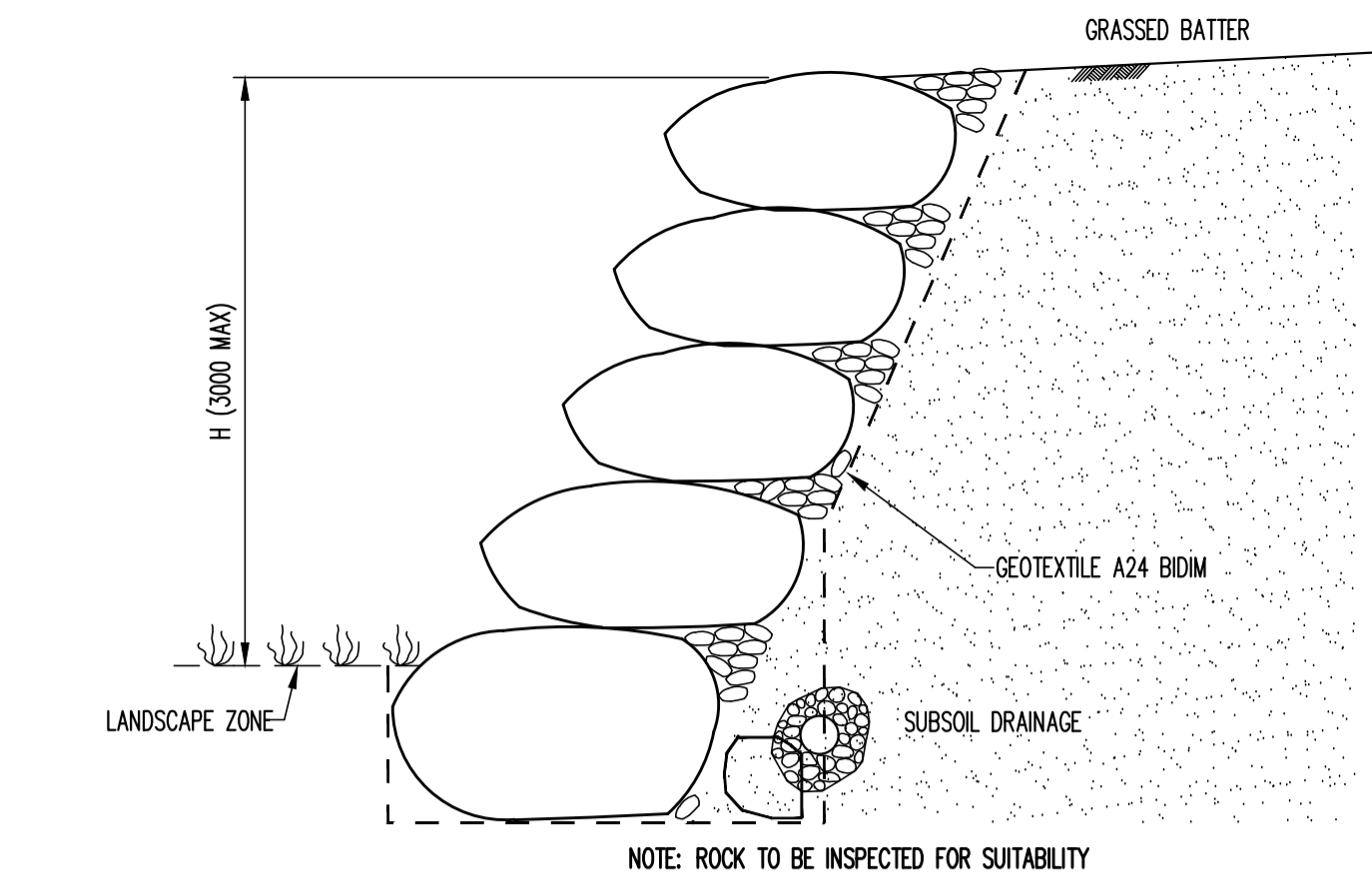
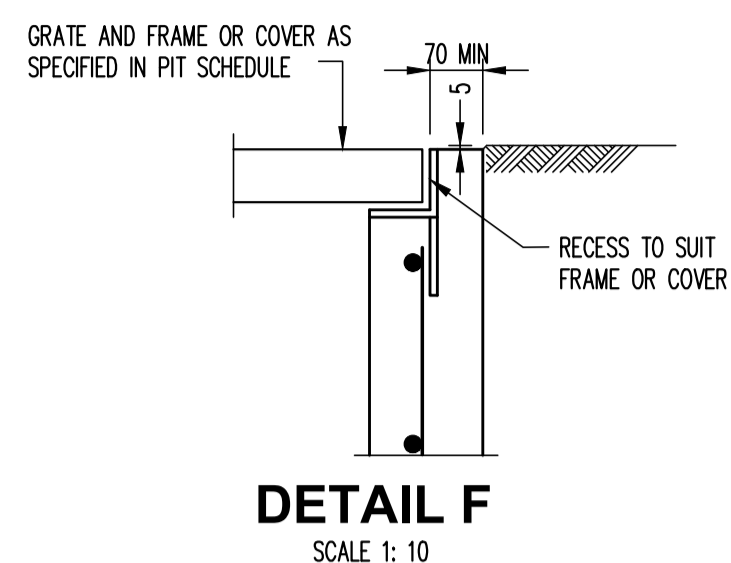
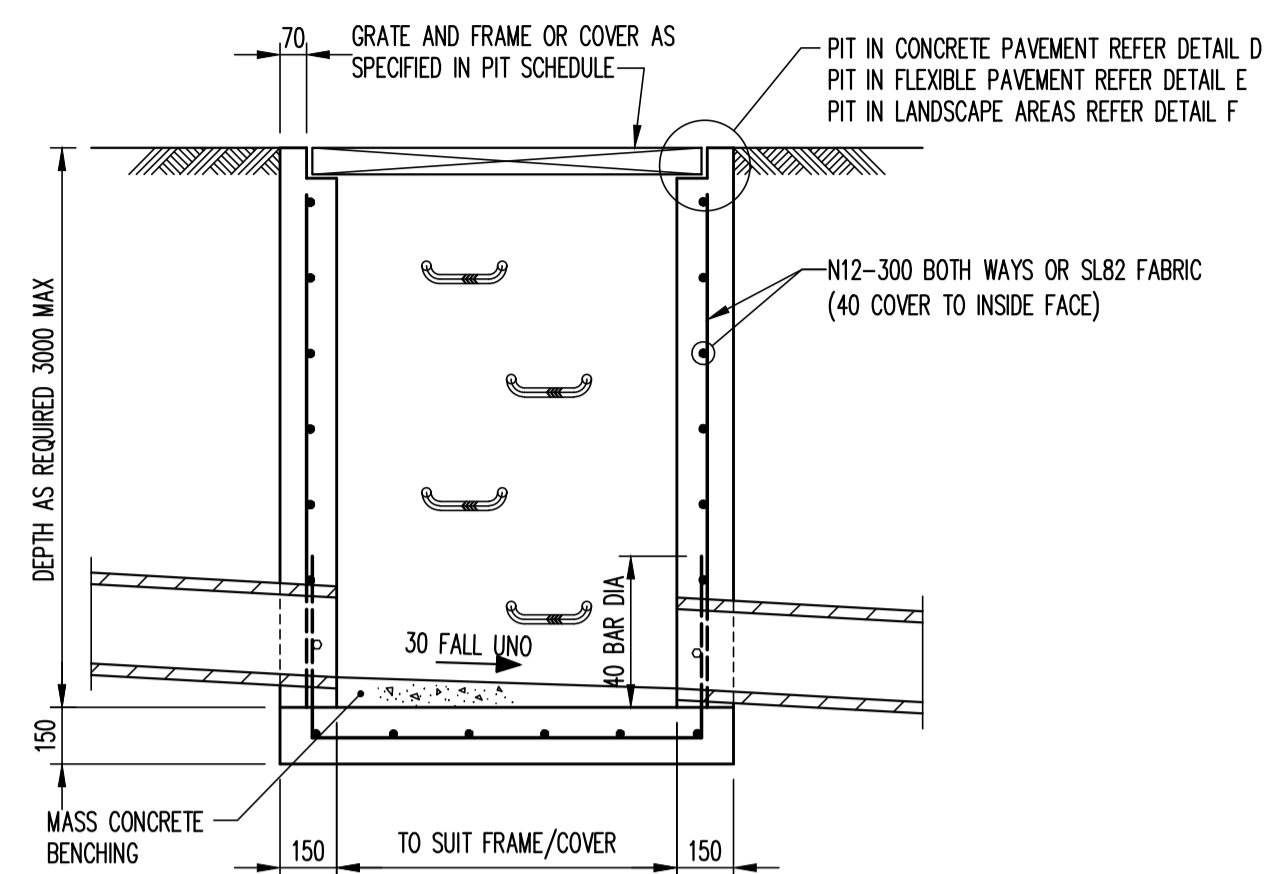
Civil Engineer

612.9439.7288 | 48 Chandos Street St Leonards NSW 2065

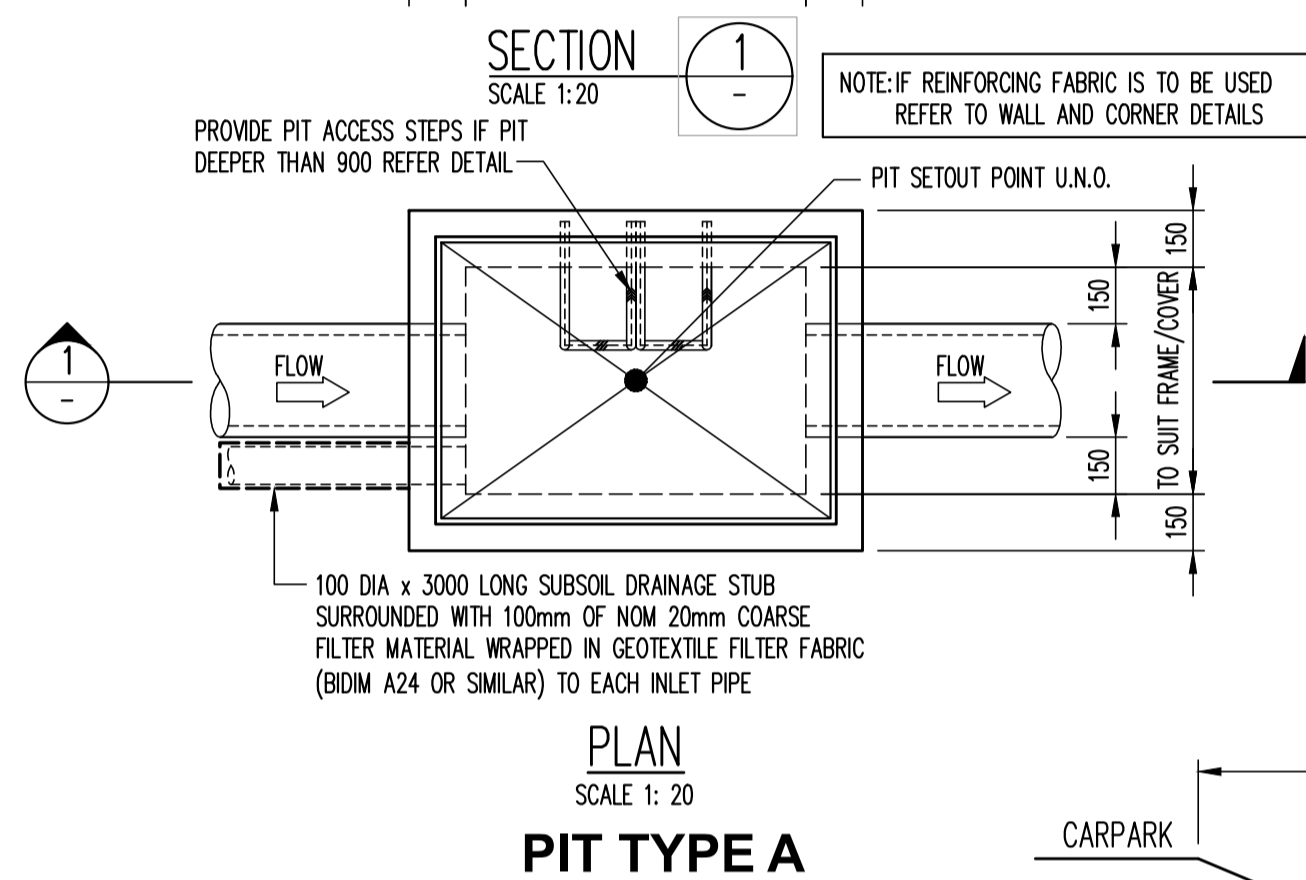
Project  
THREDBO ALPINE RESORT  
FRIDAY FLAT CAR PARK 2

Sheet Subject  
SECTION SHEET 2

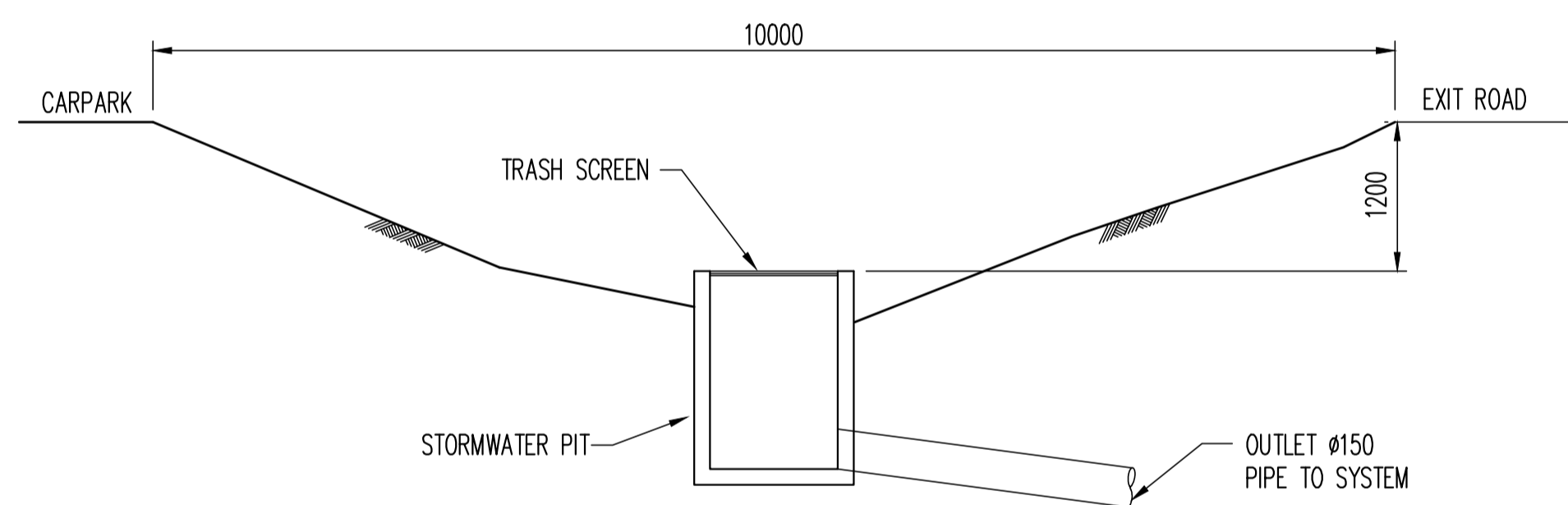
Scale	A1 1:100
Drawn	WW
Authorised	SB
Job No	181487
Drawing No	C505
Revision	P3
Plot File Created	Jan 10, 2019 - 2:10pm



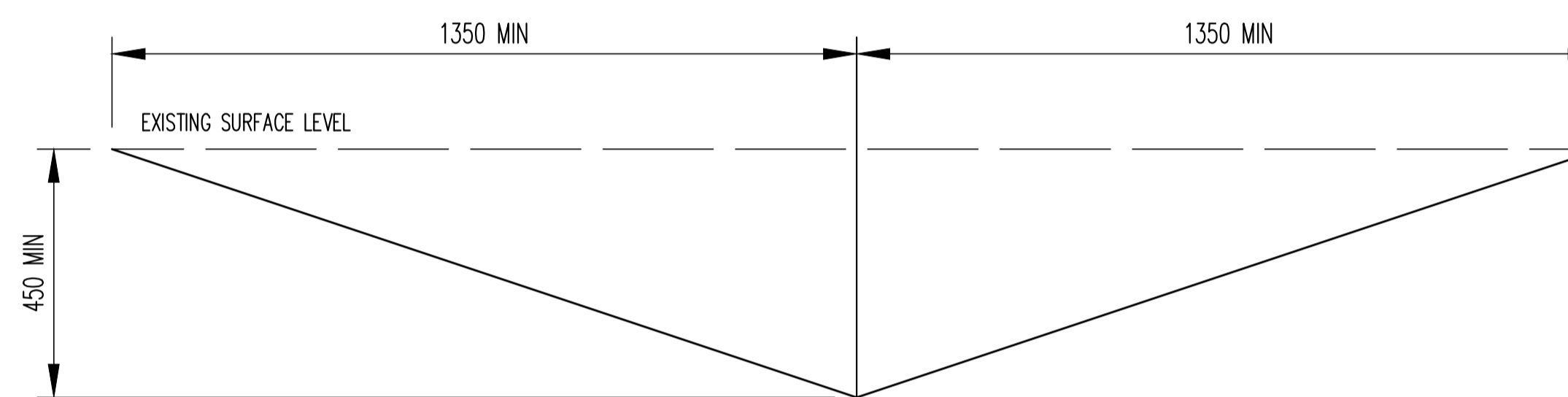
**DISH DRAIN (DD)**  
SCALE 1:10



**PIT TYPE A**  
SCALE 1:20



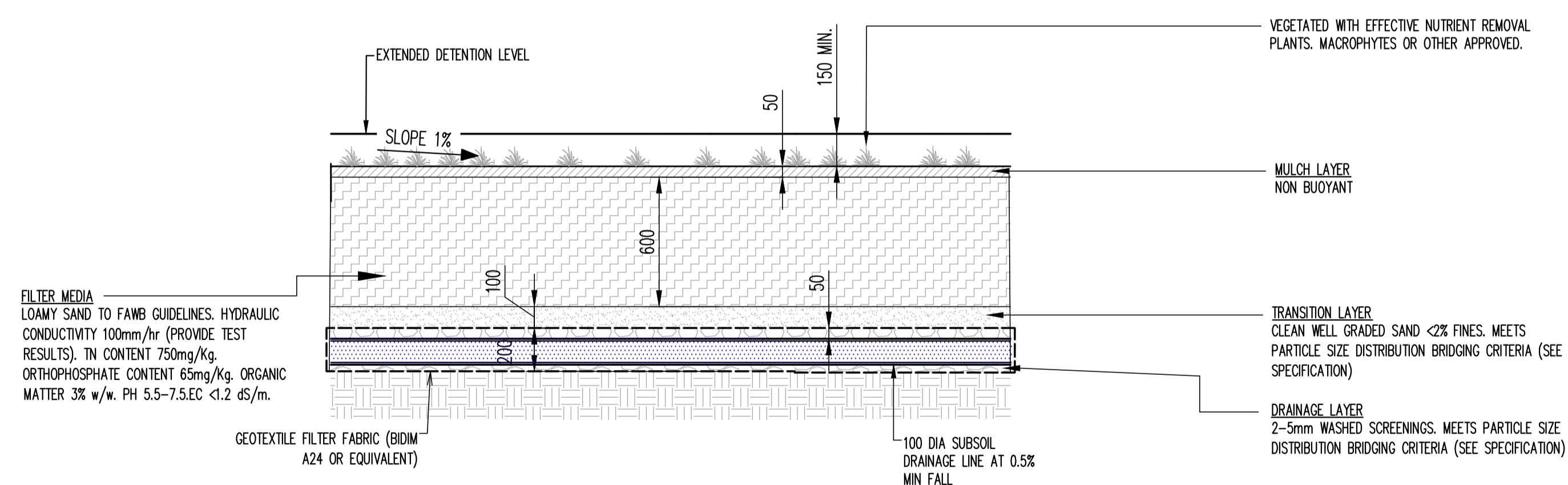
**TYPICAL SECTION OF DETENTION BASIN**  
NTS



**TYPICAL SECTION THROUGH CATCH DRAIN**

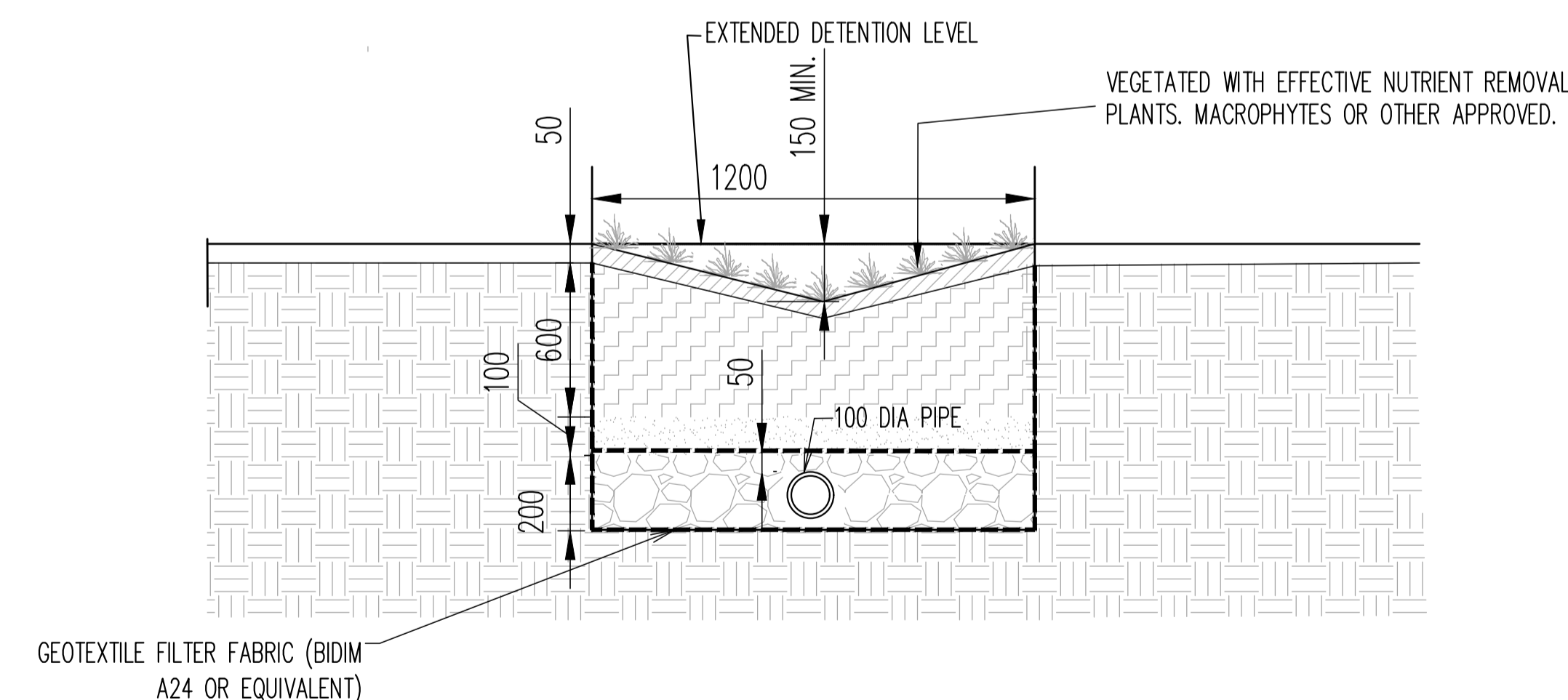
SCALE 1:20

Reference: C506.dwg - USER: darcus - Plot File Created: Jan 10, 2019 - 1:28pm



**TYPICAL LONG SECTION THROUGH BIORETENTION SWALE**

SCALE 1:20



**TYPICAL CROSS SECTION THROUGH BIORETENTION SWALE**

SCALE NTS

**DA SUBMISSION**

Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
P4	DA SUBMISSION	DU	JW	10.01.19										
P3	DA SUBMISSION	DU	JW	07.01.19										
P2	DA SUBMISSION	EC	JW	19.12.18										
P1	DA SUBMISSION	EC	JW	18.12.18										

Client	
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Civil Engineer

612 9439 7288 | 48 Chandos Street St Leonards NSW 2065

Project  
**THREDBO ALPINE RESORT  
FRIDAY FLAT CAR PARKS**

Sheet Subject  
**DETAIL SHEET 1**

Scale: A1 NTS	Drawn HM	Authorised SB
Job No <b>181487</b>	Drawing No <b>C506</b>	Revision <b>P4</b>
Plot File Created: Jan 10, 2019 - 1:28pm		