



Alterations and Additions

316 Hudson Parade

Clareville, NSW 2107

Tony Walls

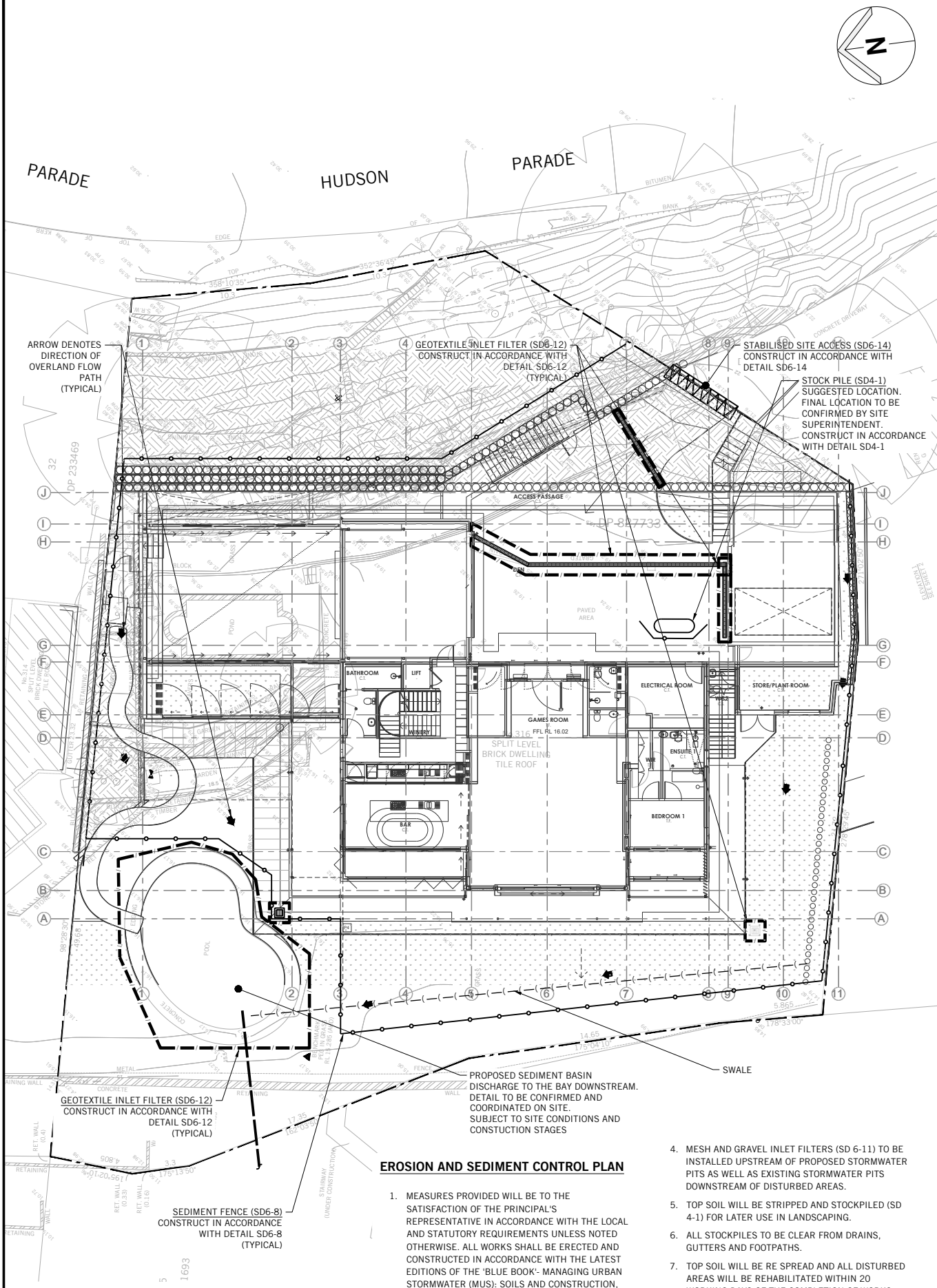
DRAWING LIST	
No.	TITLE
SWDA 1.1	COVER SHEET & DRAWINGS LIST
SWDA 1.2	EROSION & SEDIMENT CONTROL PLAN AND DETAILS
SWDA 1.3	LOWER GROUND FLOOR LAYOUT
SWDA 1.4	LEVEL 1 FLOOR LAYOUT
SWDA 1.5	DETAILS SHEET

1	DA ISSUE	FS	ES	04.02.25
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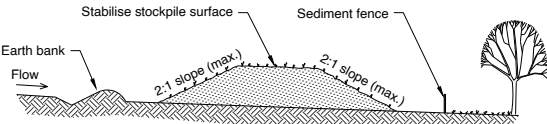
STORMWATER SERVICES	
Client	TONY WALLS
Architect	BAXTER & JACOBSON ARCHITECTS SUITE 8, 21 SYDNEY ROAD, MANLY, NSW 2095 TEL (02) 9977 7648 mark@bja.net.au
Project	ALTERATIONS AND ADDITIONS 316 HUDSON PARADE CLAREVILLE NSW 2107
Title	STORMWATER SERVICES COVER SHEET AND DRAWING LIST
ELECTRONIC SIGNATURE: THIS DRAWING HAS BEEN ASSIGNED AN ELECTRONIC SIGNATURE CODE. THE PRESENCE OF THIS CODE SIGNIFIES THAT THIS IS THE CERTIFIED DRAWING ISSUED FOR CONSTRUCTION.	
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Scale at A1	Date
N/A	JAN 2025
Job No.	Drawing No.
2022H0290	SWDA 1.1
	1
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EROSION AND SEDIMENT CONTROL PLAN

- MEASURES PROVIDED WILL BE TO THE SATISFACTION OF THE PRINCIPAL'S REPRESENTATIVE IN ACCORDANCE WITH THE LOCAL AND STATUTORY REQUIREMENTS UNLESS NOTED OTHERWISE. ALL WORKS SHALL BE ERCTED AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE 'BLUE BOOK'- MANAGING URBAN STORMWATER (MUS): SOILS AND CONSTRUCTION, LANDCOM (VOL 1) AND DECCW (VOL 2) AND MOSMAN COUNCIL'S DEVELOPMENT CONTROL PLAN (DCP).
- ALL EXCAVATION WORKS ARE TO BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, IF AVAILABLE, AND THE STRUCTURAL ENGINEER'S DRAWINGS.
- INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.

- MESH AND GRAVEL INLET FILTERS (SD 6-11) TO BE INSTALLED UPSTREAM OF PROPOSED STORMWATER PITS AS WELL AS EXISTING STORMWATER PITS DOWNSTREAM OF DISTURBED AREAS.
- TOP SOIL WILL BE STRIPPED AND STOCKPILED (SD 4-1) FOR LATER USE IN LANDSCAPING.
- ALL STOCKPILES TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS.
- TOP SOIL WILL BE RE SPREAD AND ALL DISTURBED AREAS WILL BE REHABILITATED WITHIN 20 WORKING DAYS OF THE COMPLETION OF WORKS.
- ALL SEDIMENT TO BE STORED AND COLLECTED BY A LIQUID WASTE COMPANY FOR DISPOSAL AT A LICENSED TREATMENT FACILITY.
- ROADS AND FOOTWAYS TO BE SWEEP AT THE END OF THE DAY.
- ALL EROSION AND SEDIMENT CONTROLS WILL BE CHECKED AT LEAST WEEKLY AND AFTER RAINFALL EVENTS TO MAKE SURE THEY ARE MAINTAINED TO A FULLY FUNCTIONAL CONDITION.

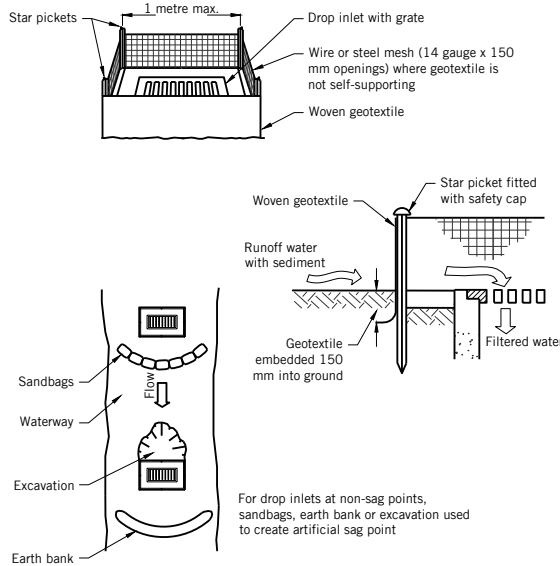


Construction Notes

- Place stockpiles more than 2 (preferably 5) metres from existing vegetation, concentrated water flow, roads and hazard areas.
- Construct on the contour as low, flat, elongated mounds.
- Where there is sufficient area, topsoil stockpiles shall be less than 2 metres in height.
- Where they are to be in place for more than 10 days, stabilise following the approved ESCP or SWMP to reduce the C-factor to less than 0.10.
- Construct earth banks (Standard Drawing 5-5) on the upslope side to divert water around stockpiles and sediment fences (Standard Drawing 6-8) 1 to 2 metres downslope.

STOCKPILES

SD 4-1

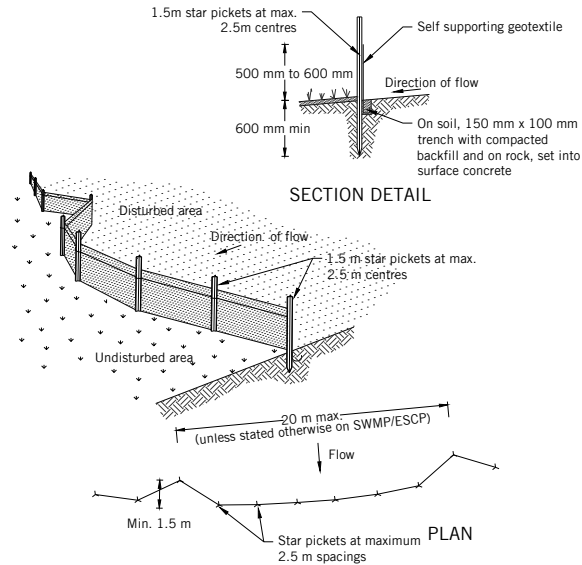


Construction Notes

- Fabricate a sediment barrier made from geotextile or straw bales.
- Follow Standard Drawing 6-7 and Standard Drawing 6-8 for installation procedures for the straw bales or geofabric. Reduce the picket spacing to 1 metre centres.
- In waterways, artificial sag points can be created with sandbags or earth banks as shown in the drawing.
- Do not cover the inlet with geotextile unless the design is adequate to allow for all waters to bypass it.

GEOTEXTILE INLET FILTER

SD 6-12

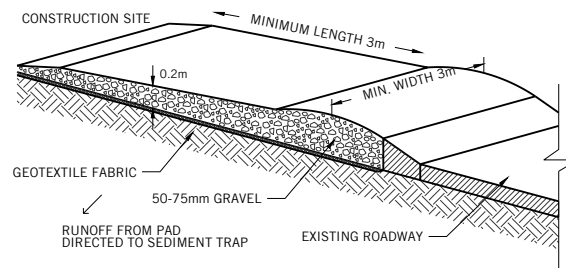


Construction Notes

- Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit water flow if concentrated at one point to 50 litres per second in the design storm event, usually the 10-year event.
- Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
- Drive 1.5 metre long star pickets into ground at 2.5 metre intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
- Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
- Join sections of fabric at a support post with a 150-mm overlap.
- Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

SEDIMENT FENCE

SD 6-8



Construction Notes

- Strip the topsoil, level the site and compact the subgrade.
- Cover the area with needle-punched geotextile.
- Construct a 200 mm thick pad over the geotextile using road base or 30 mm aggregate.
- Ensure the structure is at least 15 metres long or to building alignment and at least 3 metres wide.
- Where a sediment fence joins onto the stabilised access, construct a hump in the stabilised access to divert water to the sediment fence.

STABILISED SITE ACCESS

SD 6-14

2	REVISED ARCH	FS	SM	15.04.25
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ALTERATIONS AND ADDITIONS
316 HUDSON PARADE
CLAREVILLE NSW 2107

Title
STORMWATER SERVICES
EROSION & SEDIMENT CONTROL
PLAN AND DETAILS

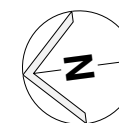
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1:150	JAN 2025	F.S.

Job No.	Drawing No.	Revision
2022H0290 SWDA 1.2		2

NOT FOR CONSTRUCTION



NOTES

- NEW CAVITY DRAINAGE TO BE CONFIRMED AND COORDINATED ON SITE PRIOR ANY WORKS.
- SEEPAGE DRAINAGE TO BE DISCHARGED DIRECTLY TO THE BAY DOWNSTREAM THE MAIN HOUSE.
- NO WASH BAY ALLOWED.
- CAR LIFT NOT TO DICHARGE TO STORMWATER SYSTEM AT ANY POINT.

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Title
LOWER GROUND FLOOR LAYOUT

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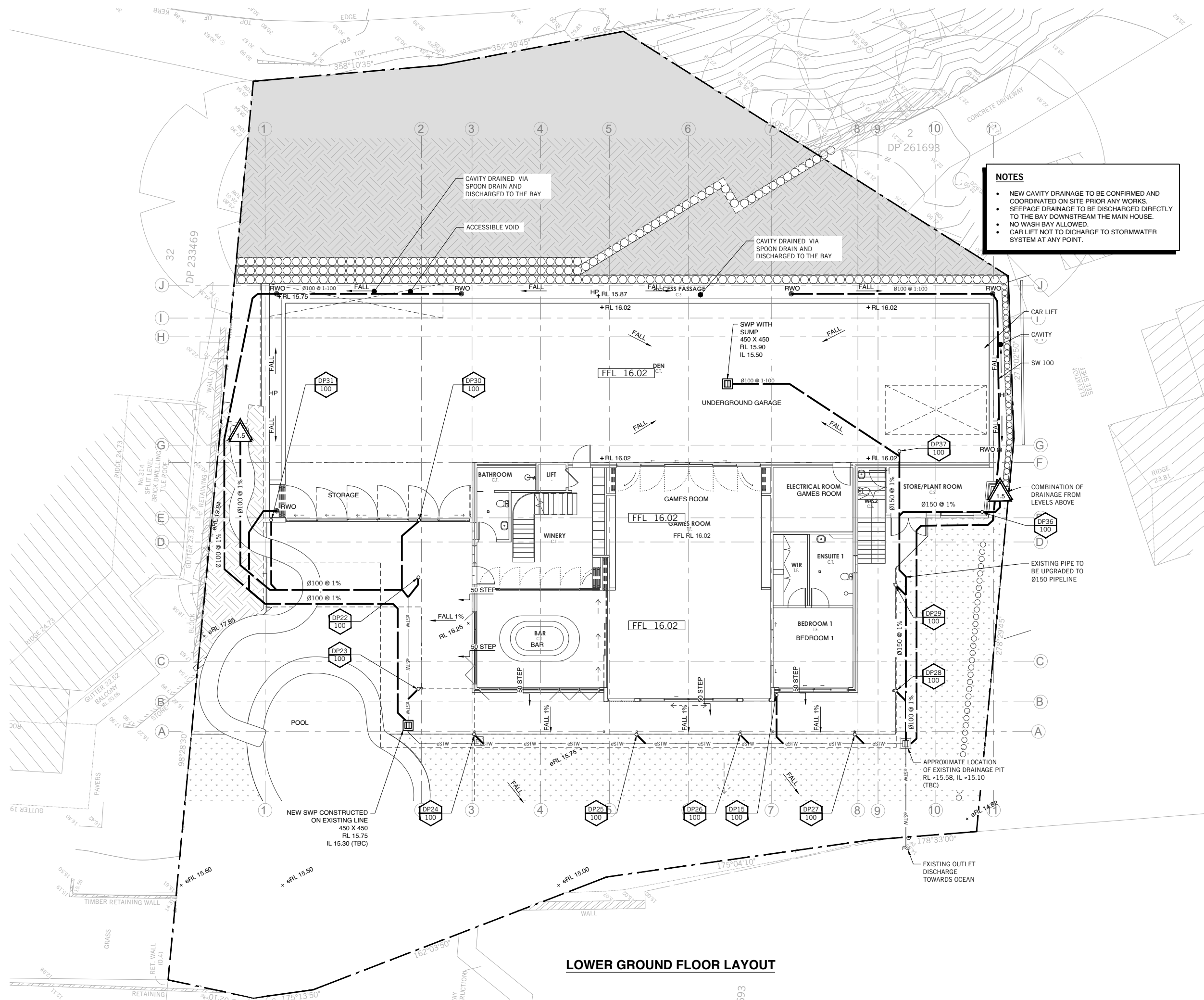
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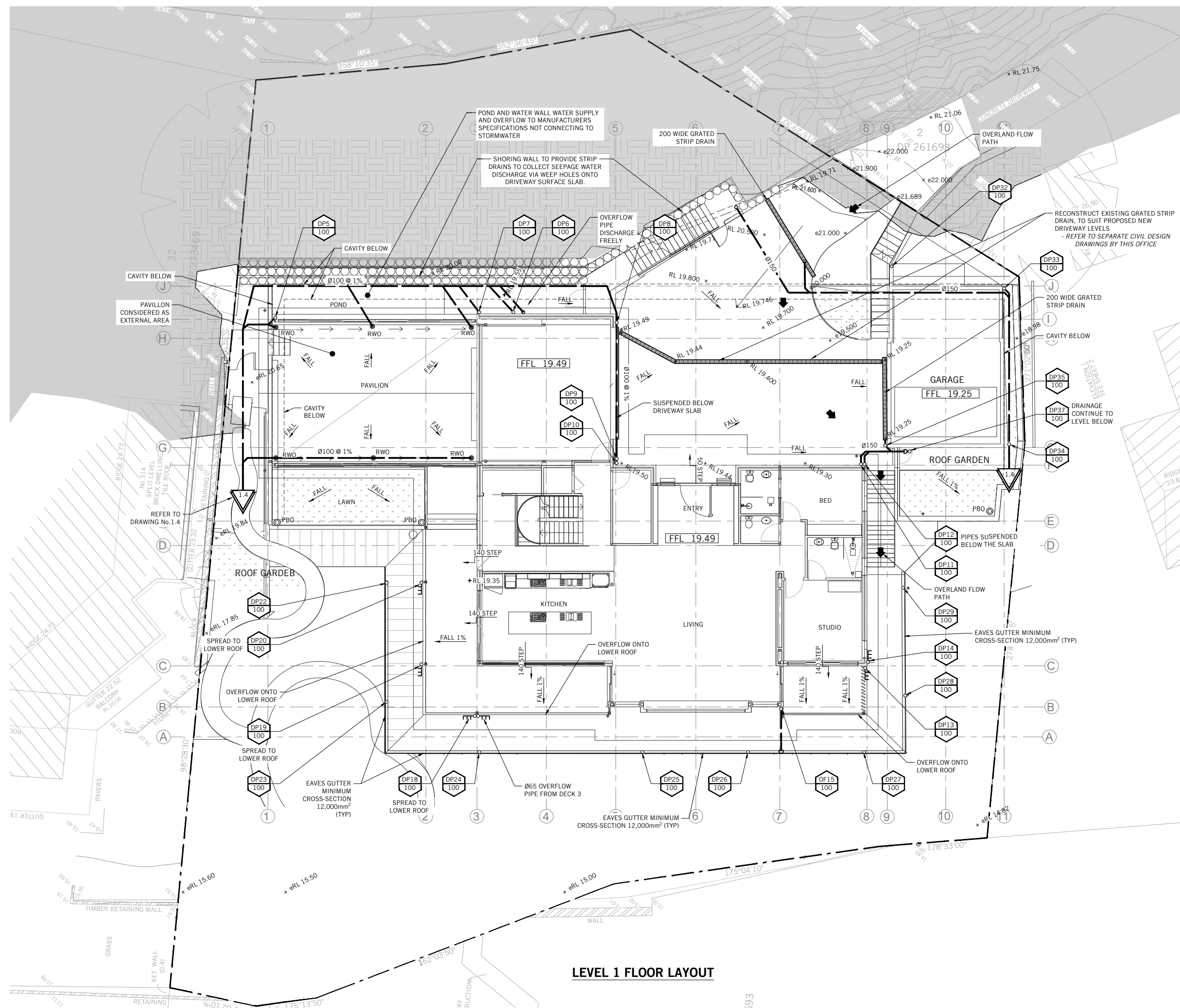
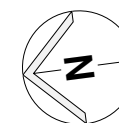
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2022H0290 SWDA 1.3	2	
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LOWER GROUND FLOOR LAYOUT



LEVEL 1 FLOOR LAYOUT

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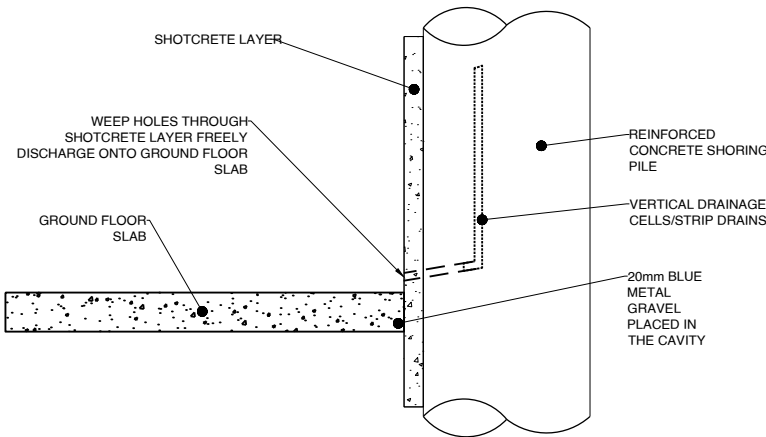
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2022H0290 SWDA 1.4 **2**

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SHORING WALLS AND STRIP DRAINS SECTION
N.T.S

NOTE:
CROSS SECTIONAL AREAS SHOWN ARE FOR NON-SLOTTED EAVES GUTTERS. EAVES GUTTERS BY LYSAGHT. CONTRACTOR TO CONFIRM WITH SUPPLIER CROSS SECTIONAL AREA OF EAVES GUTTER PRIOR TO INSTALLATION.

GUTTER PROFILE	EFFECTIVE CROSS SECTIONAL AREA (mm²)
HALF ROUND 100	4,300
QUAD LO-FRONT 115	6,165
HALF ROUND 125	6,300
QUAD 150	8,910
HALF ROUND 150	9,200
HALF ROUND 200	14,500
QUAD 175	14,672
HALF ROUND 225	18,000

GUTTER SIZES AND AREAS

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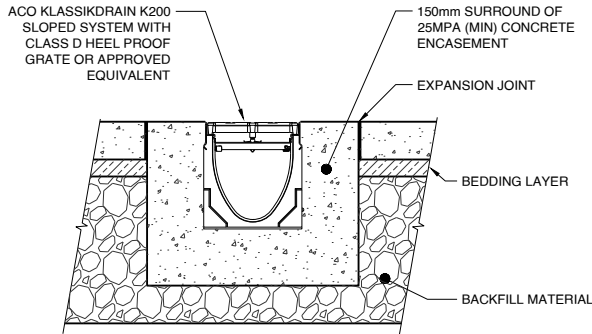
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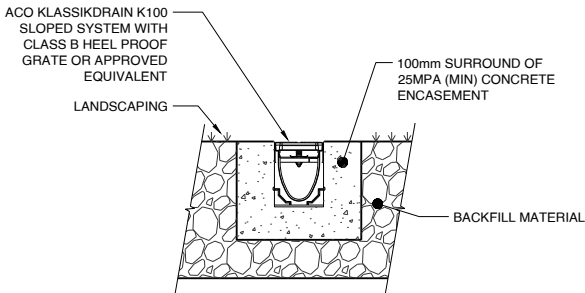
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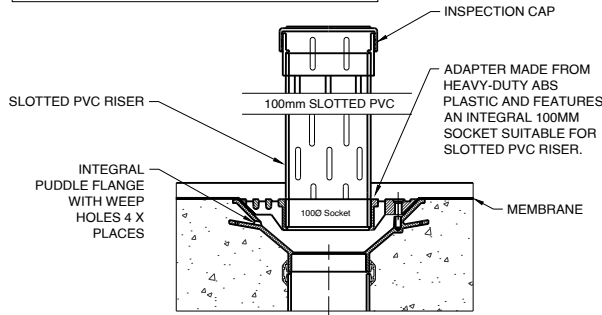


SECTION VIEW
TRENCH GRATE (200mm WIDE) CLASS D
N.T.S



SECTION VIEW
TRENCH GRATE (100mm WIDE) CLASS B
N.T.S

SPECIFICATION CODE:
TIA100PB (100mm CI BODY WITH PLANTER BOX INSERT)



SPS TRUFLO 100mm & 150mm RWO
WITH ALL-PURPOSE PLANTER BOX
OUTLET

N.T.S SPS REFERENCE: 1.05