

GENERAL NOTES

1. THE PLUMBER/ DRAINER SHALL INSPECT THE SITE AND CONFIRM THE EXISTING SITE STRUCTURES, SERVICES AND CONDITIONS PRIOR TO PROCEEDING. IF ANY DISCREPANCIES FOUND, CONTACT THE ENGINEER FOR DISCUSSION.

2. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS, BUILDING CODE OF AUSTRALIA AND LOCAL GOVERNMENT'S REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE PLUMBER/ DRAINER TO OBTAIN ANY APPROVALS/ PERMITS/ LICENSES ISSUED BY THE AUTHORITIES PRIOR TO PROCEEDING WITH STORMWATER WORKS.

3. UNLESS NOTED AS OTHERWISE, ALL DOWNPIPES TO BE $\phi 100$ ROUND (OR 100×75 RECTANGULAR) AND FULLY SEALED. ALL EAVE GUTTERS TO BE 115 QUAD HI-FRONT OR EQUIVALENT, ALL BOX GUTTERS TO BE $200W \times 150H$. ALL STORMWATER PIPES TO BE $\phi 100$ SEWER GRADE AND LAID AT 1% MIN. FALL. ALL MATERIALS USED IN THE WORK SHALL BE NEW AND CONFORM WITH RELEVANT AUSTRALIAN STANDARDS AND BEAR THE REQUIRED STANDARDS MARK.

4. LOCATION OF STORMWATER SYSTEMS, INCLUDING DOWNPIPES, PIPES, PITS AND RAINWATER TANK ARE INDICATIVE ONLY. EXACT LOCATION SHALL BE DETERMINED ON SITE TO SUIT SITE CONDITIONS.

5. SUB-SOIL DRAINS FOR RETAINING WALL SHALL BE INSTALLED BY THE BUILDER AND CONNECTED TO STORMWATER LINES. ALL AGG. LINES SHALL BE 100mm DIA., UNLESS NOTED OTHERWISE.

6. NATURAL GROUND LEVELS ALONG ALL BOUNDARIES MUST BE MAINTAINED UNALTERED. ALL RETAINING WALLS TO BE SETBACK FROM BOUNDARIES TO AVOID CONCENTRATION OF STORMWATER FLOWS.

7. LEVELS ARE APPROXIMATE ONLY. THE PLUMBER/ DRAINER SHALL CONFIRM THE LEVELS PRIOR TO PROCEEDING. IF ANY DISCREPANCIES FOUND, CONTACT THE ENGINEER FOR DISCUSSION.

8. INSPECTION AND CERTIFICATION, IF REQUIRED, SHALL BE DONE PRIOR TO BACKFILLING. ALLOW 24 HOUR NOTICE FOR THE ENGINEER TO CARRY OUT INSPECTION.

9. ANY DAMAGE TO SERVICES DURING CONSTRUCTION SHALL BE REPAIRED IMMEDIATELY AT THE PLUMBER/ DRAINER'S OWN EXPENSE.

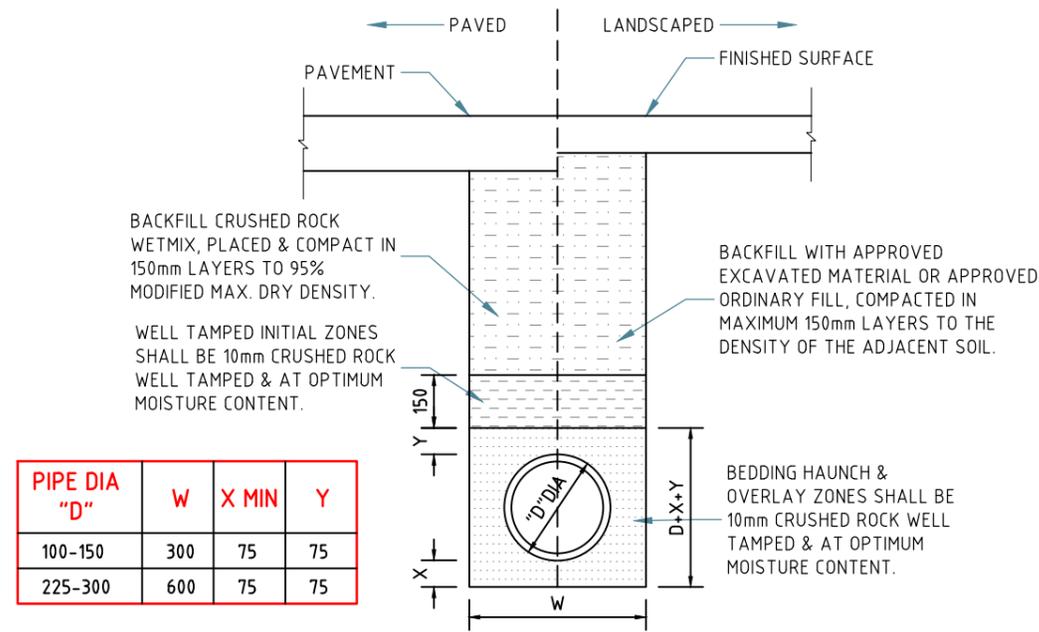
10. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH:
- ARCHITECTURAL PLAN BY ZOUK ARCHITECTS, JOB No.22-106, ISSUE C, DATED 10.08.22

BASIX REQUIREMENTS

THIS DEVELOPMENT REQUIRES A 2000L RWT. A 2000L ABOVE GROUND RWT IS PROVIDED TO MEET THE REQUIREMENT

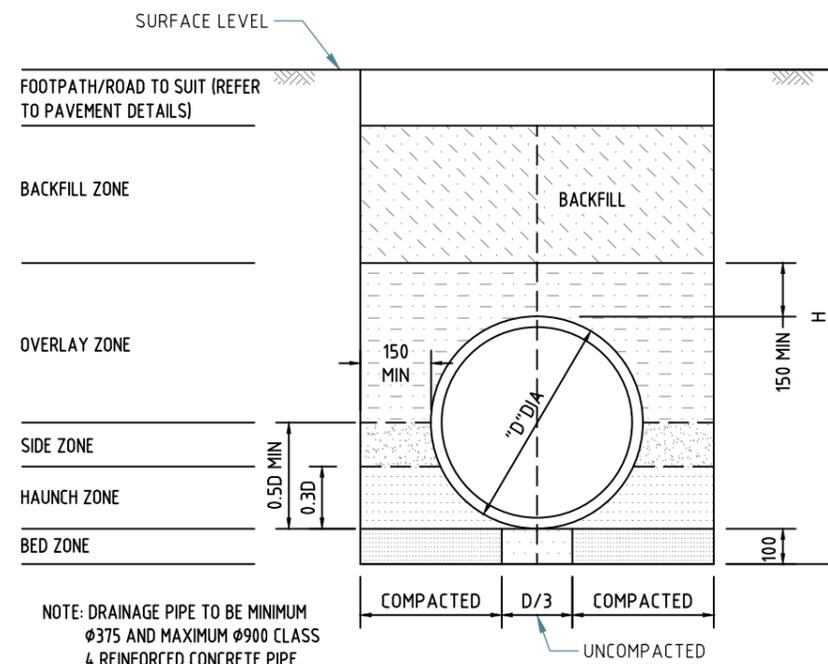
OSD REQUIREMENTS

SITE AREA = 1084 m²
TOTAL POST-DEVELOPMENT IMPERVIOUS AREA = 350 m² < 433.6m² (40% OF THE SITE AREA THEREFORE, OSD SYSTEM IS NOT REQUIRED.



UPVC PIPE TRENCH BACKFILL TYP. DETAILS

SCALE 1:20

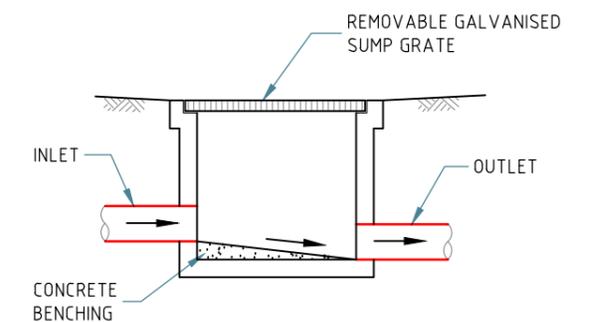


CONCRETE PIPE TRENCH BACKFILL TYP. DETAILS

SCALE 1:20

MINIMUM PIPE COVER (FROM FINISHED SURFACE TO TOP OF PIPE)		
LOCATION	MINIMUM COVER (mm)	
	CAST/DUCTILE IRON GAL STEEL	OTHER AUTHORISED PRODUCTS (-)
1. NOT SUBJECT TO VEHICULAR LOADING:		
A. WITHOUT PAVEMENT		
i. FOR SINGLE DWELLING	0	100
ii. OTHER THAN SINGLE DWELLING	0	300
B. WITH PAVEMENT OF BRICK/UNREINFORCED CONCRETE	0(--)	50(--)
2. SUBJECT TO VEHICULAR LOADING:		
A. OTHER THAN ROAD:		
i. WITHOUT PAVEMENT	300	450
ii. WITH PAVEMENT OF:		
- REINFORCED CONC. FOR HEAVY VEHICLE	0(--#)	100(--#)
- BRICK/UNREINF. CONC. LIGHT VEHICLE	0(--#)	75(--#)
B. ROAD		
i. SEALED	300	500(#)
ii. UNSEALED	300	500(#)
3. SUBJECT TO CONSTRUCTION VEHICLE OR IN ENBANKMENT CONDITION	300	500(#)

(-) INCLUDES OVERLAY ABOVE THE TOP OF THE PIPE OF NOT LESS THAN 50mm THICK
(--) BELOW THE UNDERSIDE OF THE PAVEMENT
(#) SUBJECT TO COMPLIANCE WITH AS1762, AS2033, AS/NZS2566.1, AS3725 OR AS4060



TYP. GRATED PIT DETAILS

SCALE 1:20

Paper size: A3
All dimensions are in millimetres. Do not scale the drawing. Use written dimensions. Dimensions must be confirmed prior to commencement. Location of services are approximate only. Dial 1100 before any excavation or demolition.

Revisions	
Original issue	
Designed: CH	Checked: HN

Approved:

Quoc Huy Nguyen
PhD (Eng), MIEAust, CPEng,
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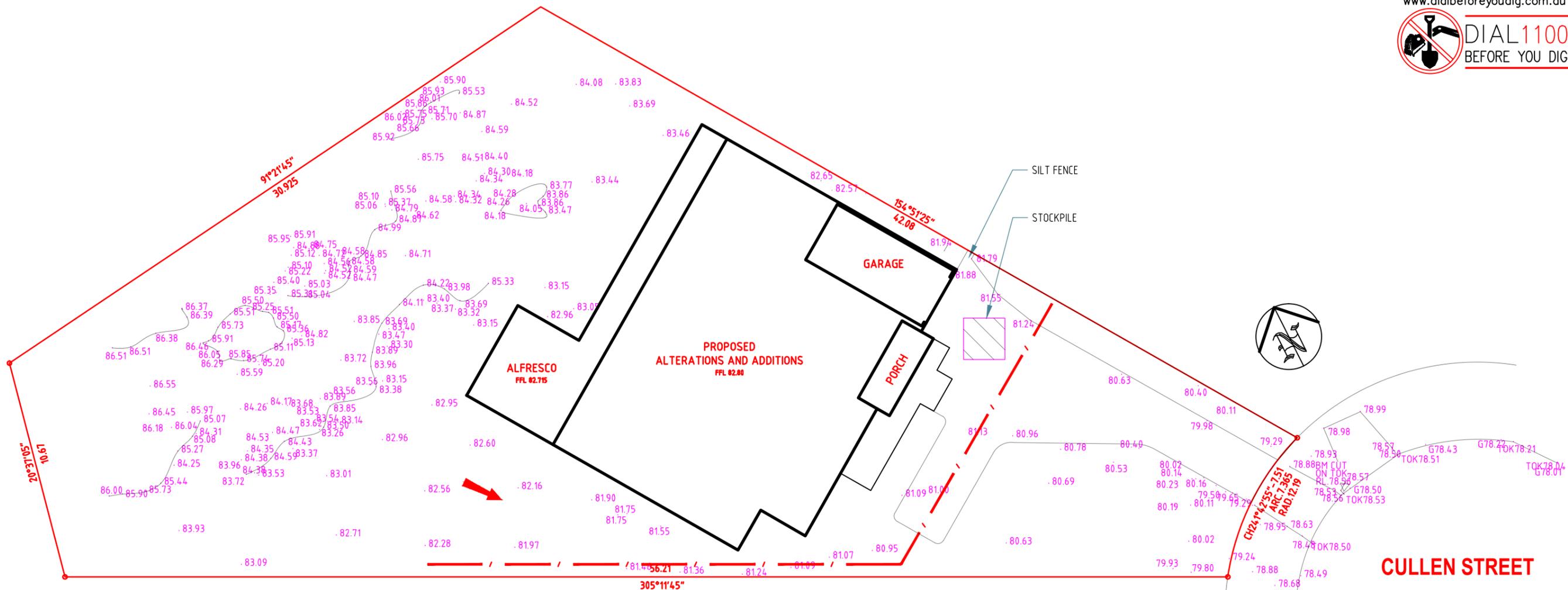
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PROJECT: PROPOSED ALTERATIONS AND ADDITIONS
ADDRESS: 7 CULLEN ST, FORESTVILLE
LGA: NORTHERN BEACHES COUNCIL

NOTES & STANDARD DETAILS

Project No: 5625H Issue: A Date: 25.10.2022 Sheet No: 1 of 5

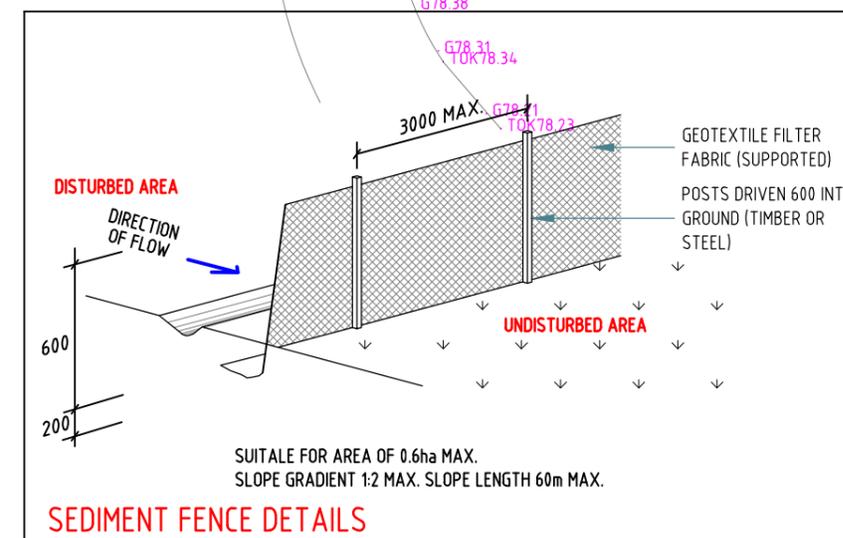


NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY BY SITE MANAGER
2. MINIMISE DISTURBED AREA
3. ALL STOCKPILES TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATH
4. DRAINAGE IS TO BE CONNECTED TO STORMWATER SYSTEM AS SOON AS POSSIBLE
5. ROADS AND FOOTPATH TO BE SWEEPED DAILY
6. KERB SIDE INLET TO BE PROTECTED WITH FABRIC FILLED WITH GRAVEL

EROSION AND SEDIMENT CONTROL PLAN

SCALE 1:200



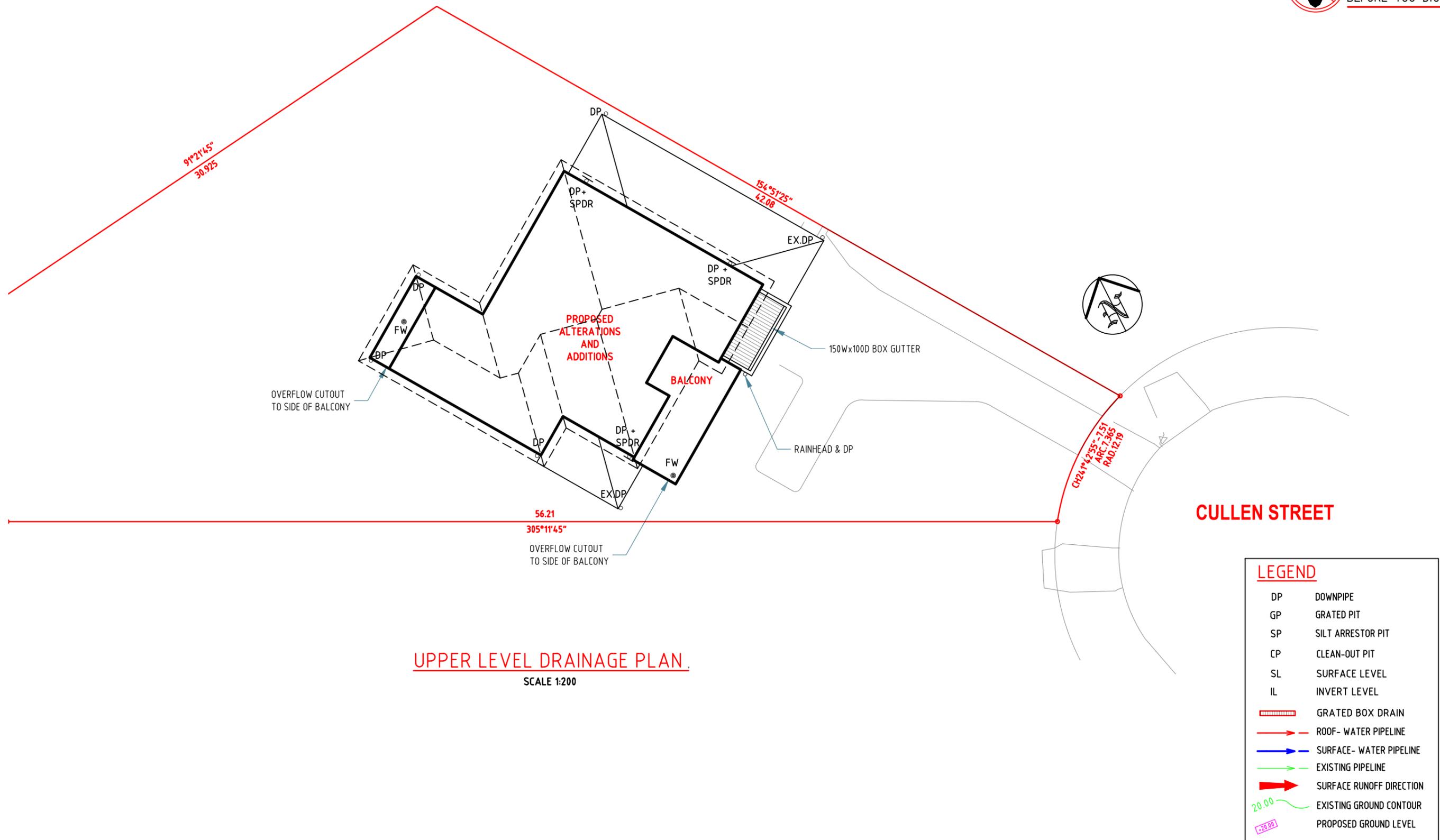
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Revisions	
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EROSION & SEDIMENT CONTROL PLAN
 Project No: 5625H Issue: A Date: 25.10.2022 Sheet No: **2** of 5



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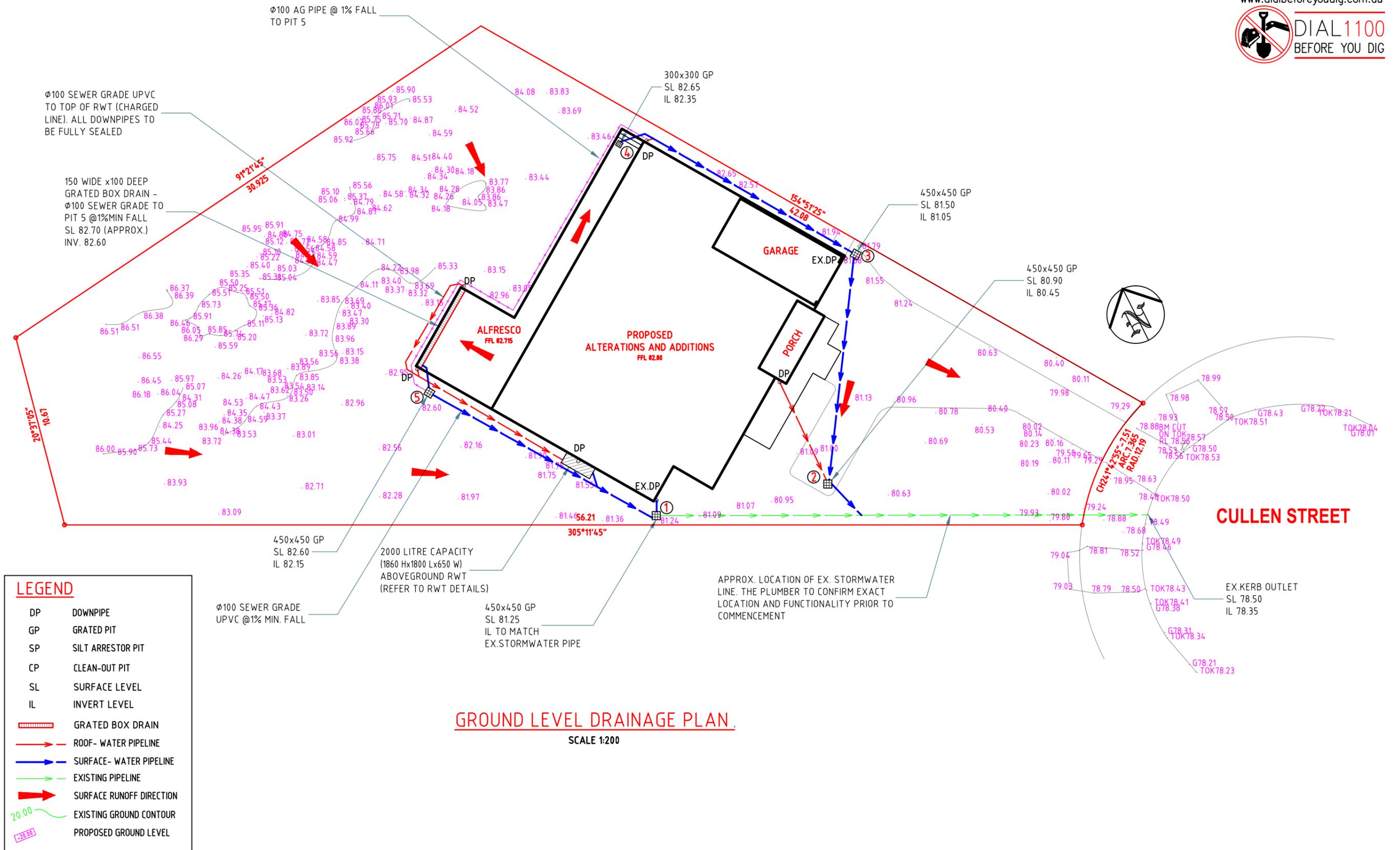
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UPPER LEVEL DRAINAGE PLAN
Project No: 5625H Issue: A Date: 25.10.2022 Sheet No: **3** of 5



LEGEND

DP	DOWNPIPE
GP	GRADED PIT
SP	SILT ARRESTOR PIT
CP	CLEAN-OUT PIT
SL	SURFACE LEVEL
IL	INVERT LEVEL
	GRADED BOX DRAIN
	ROOF- WATER PIPELINE
	SURFACE- WATER PIPELINE
	EXISTING PIPELINE
	SURFACE RUNOFF DIRECTION
	EXISTING GROUND CONTOUR
	PROPOSED GROUND LEVEL

GROUND LEVEL DRAINAGE PLAN.
SCALE 1:200

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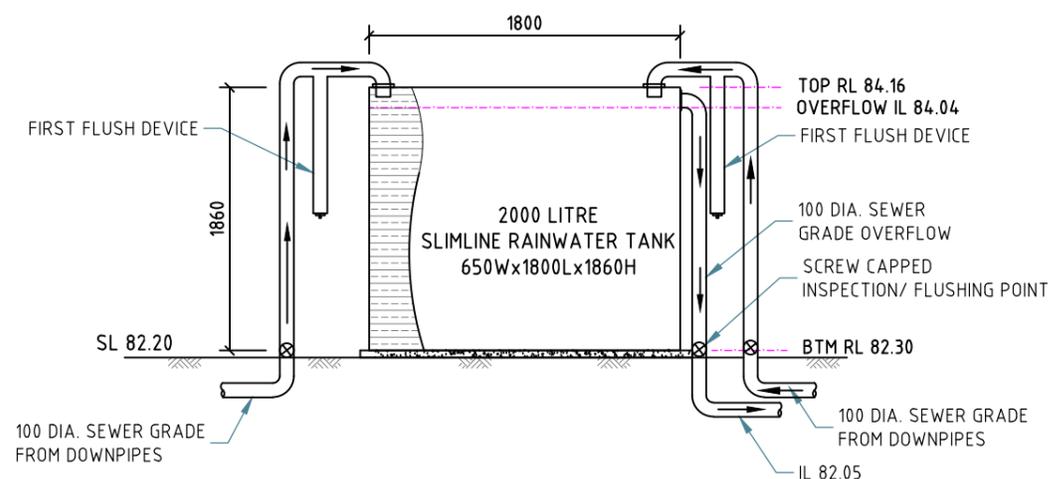
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GROUND LEVEL DRAINAGE PLAN
Project No: 5625H Issue: A Date: 25.10.2022 Sheet No: 4 of 5

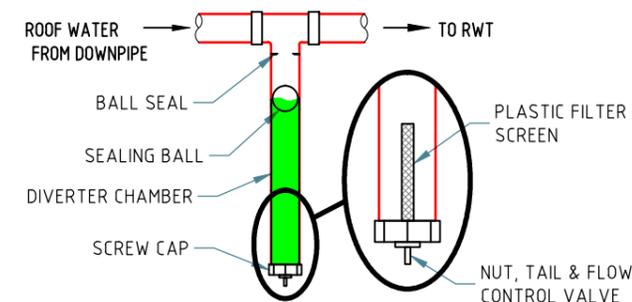
RAINWATER TANK NOTES:

1. RAINWATER TANKS BY TANKWORKS AUSTRALIA (TEL: 1300 736 562) OR SIMILAR.
2. DIMENSIONS ARE INDICATIVE ONLY. EXACT DETAILS TO MANUFACTURER'S SPECIFICATIONS.
3. A FIRST FLUSH DEVICE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS SHALL BE FITTED TO RAINWATER TANK SYSTEM TO FLUSH OUT THE FIRST 0.5mm OF RUN-OFF FROM THE ROOF AREA THAT DRAINED INTO THE TANK (E.G. 0.5L/m²).
4. RAINWATER OUTLET CONNECTIONS AS PER BASIX CERTIFICATE.



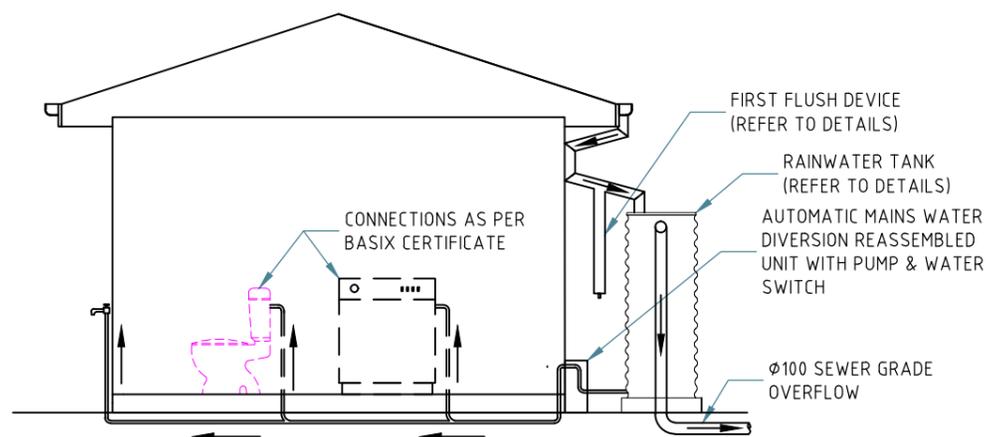
RAINWATER TANK DETAILS

NOT TO SCALE



FIRST FLUSH DEVICE DETAILS

NOT TO SCALE



ABOVEGROUND RWT INSTALLATION

SCALE 1:50

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RWT DETAILS
 Project No: 5625H Issue: A Date: 25.10.2022 Sheet No: **5** of 5