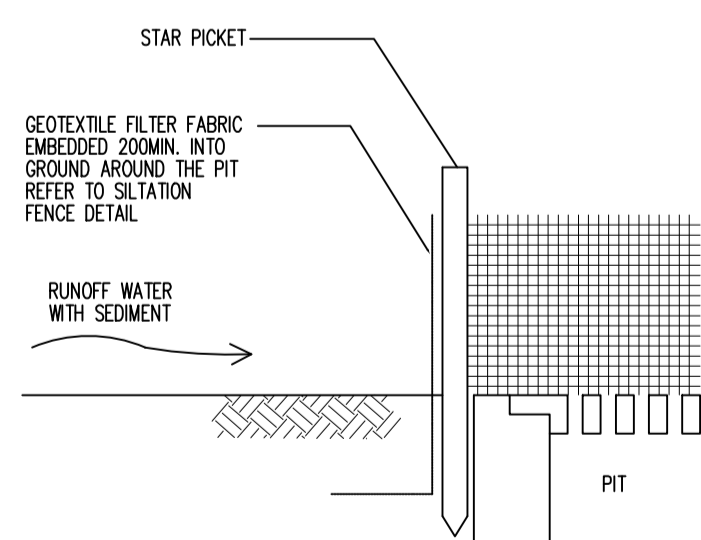
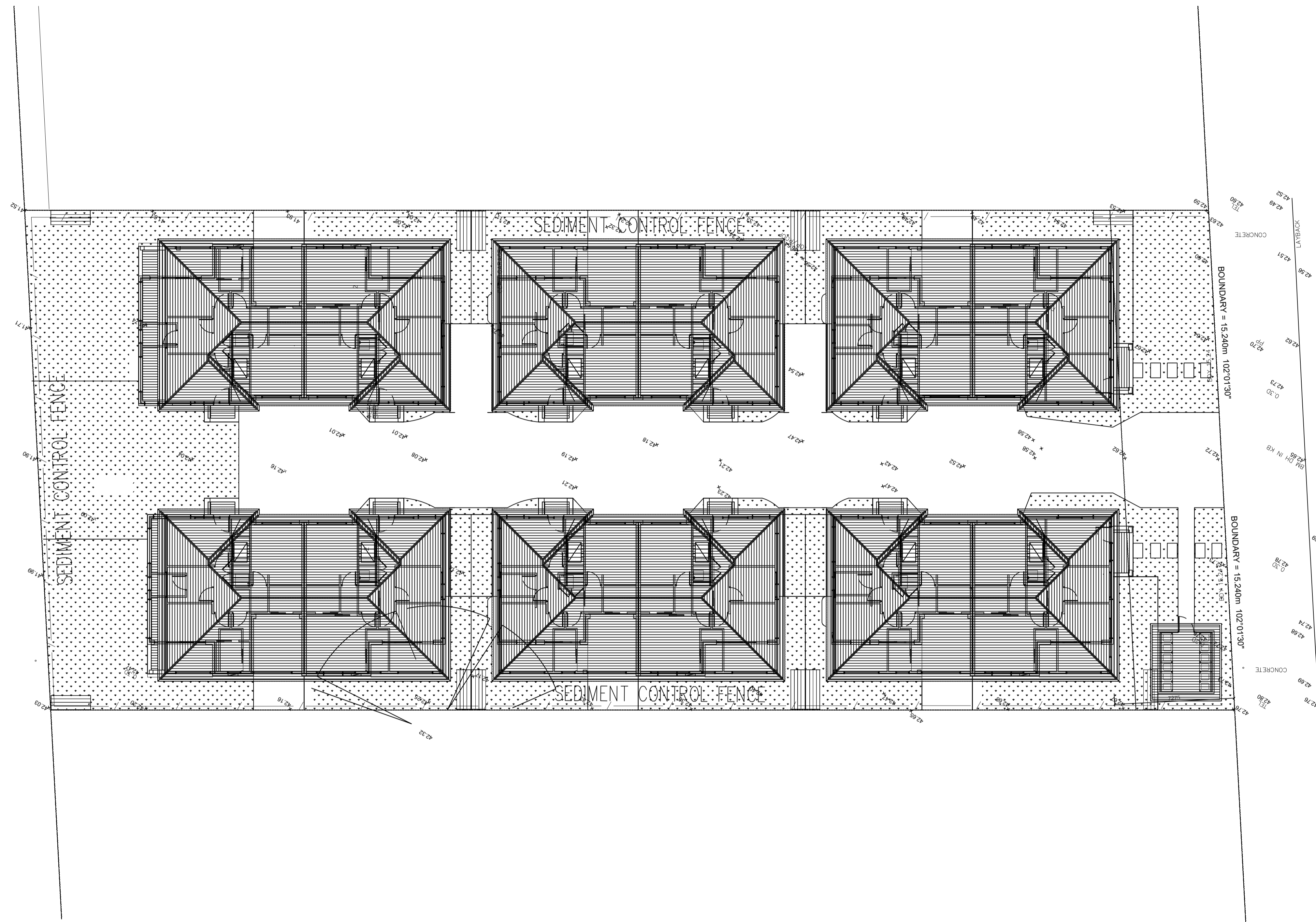


SEDIMENT CONTROL

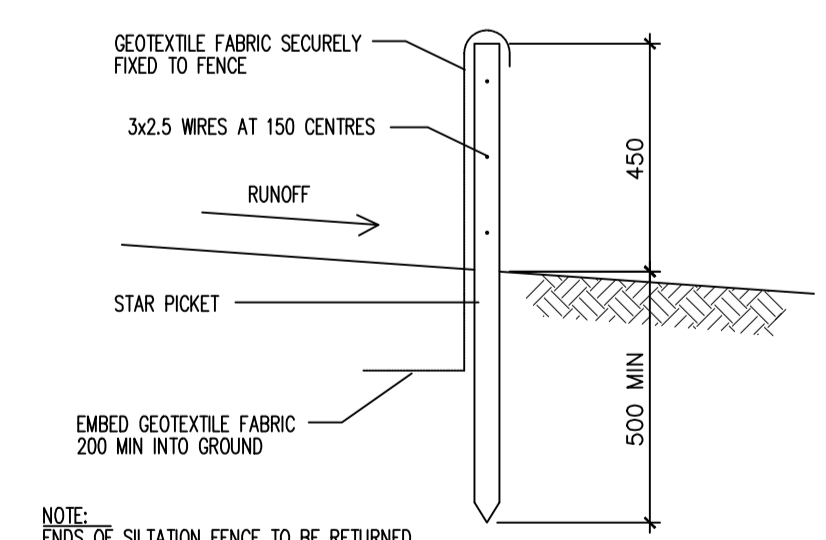
NOTES

1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS, STRUCTURAL DRAWINGS AND THE SPECIFICATION.
2. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR SHALL SATISFY HIMSELF OF THE CORRECT LOCATION OF EXISTING SERVICES WHETHER INDICATED OR NOT ON THE PLANS. ANY DAMAGE TO EXISTING SERVICES SHALL BE RECTIFIED AT THE CONTRACTOR'S EXPENSE.
3. TRAFFIC MANAGEMENT MEASURES HAVE TO BE IMPLEMENTED AND MAINTAINED DURING CONSTRUCTION, ALL IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS. THE CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN ACCESS ALONG THE FOOTPATH.
4. THE CONTRACTOR SHALL EFFECT TEMPORARY DRAINAGE MEASURES TO AVOID LOCALISED PONDING OF SURFACE RUN-OFF.
5. REFER TO ARCHITECT'S DRAWINGS FOR ALL DETAILS (LEVELS, GRADING ETC.) OF DRIVEWAYS, CONCRETE AND PAVED AREAS, AND RETAINING WALL TYPES AND LOCATIONS.
6. REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR DETAILS AND EXTENT OF ALL LANDSCAPED AREAS.
7. ALL SWDPIPES ARE UPVC AT 1.0% MINIMUM GRADE (UNO).
8. SWDPIPS CAN BE PRE-CAST SIZED AS FOLLOWS:
450mm SQ. UP TO 600mm DEEP
600mm SQ. UP TO 1000mm DEEP
9. ALL PITS LOCATED IN TRAFFICABLE AREAS, (IE, DRIVEWAYS) TO HAVE MEDIUM DUTY GRATED COVERS SUITABLE FOR WITHSTANDING LOADS ASSOCIATED WITH SMALL TRUCKS.
10. PROVIDE STEP IRONS TO ALL PITS GREATER THAN 1.2m DEEP.
11. THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF WORKS.
12. TOPSOIL SHALL BE STRIPPED ON STOCKPILED OUTSIDE HAZARD AREAS SUCH AS DRAINAGE LINES. THIS TOPSOIL IS TO BE RESPREAD LATER ON AREAS TO BE REVEGETATED.
13. THE CONTRACTOR SHALL REGULARLY MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AND REMOVE ACCUMULATED SILT FROM SUCH DEVICES. ALL SILT REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE SUPERINTENDENT. THE PERIOD FOR MAINTAINING THESE DEVICES SHALL BE AT LEAST UNTIL ALL DISTURBED AREAS ARE REVEGETATED AND FURTHER AS MAY BE DIRECTED BY THE SUPERINTENDENT OR COUNCIL.
14. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL UNTIL FINAL COMPLETION OF WORKS.

CANBERRA STREET

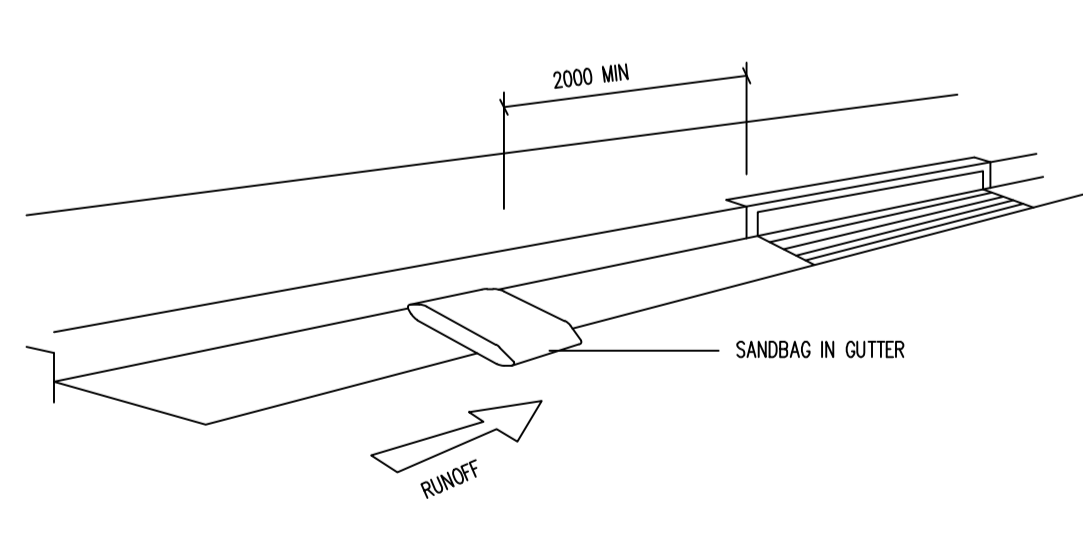


GEOTEXTILE FILTER PIT SURROUND
NTS

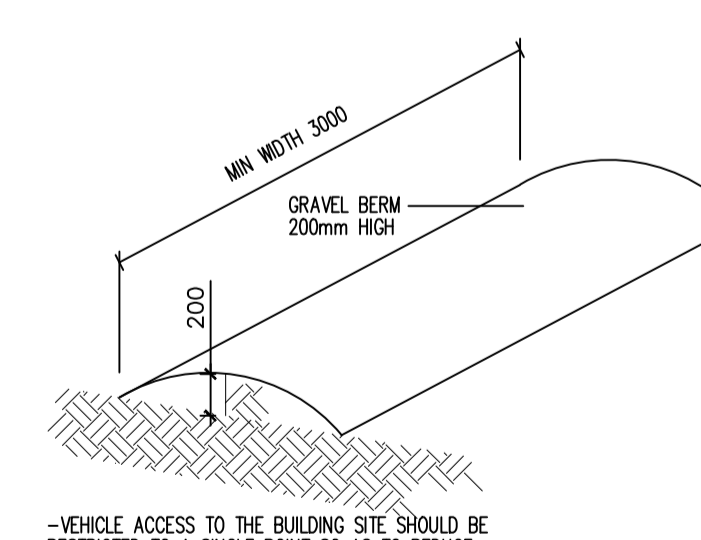


NOTE:
ENDS OF SILTATION FENCE TO BE RETURNED UP SLOPE TO PREVENT RUNOFF

SILTATION FENCE DETAIL
NTS



SANDBAG KERB INLET SEDIMENT TRAP
NTS



-VEHICLE ACCESS TO THE BUILDING SITE SHOULD BE RESTRICTED TO A SINGLE POINT SO AS TO REDUCE THE AMOUNT OF SOIL DEPOSITED ON THE STREET PAVEMENT.

VEHICLE ACCESS TO SITE
NTS

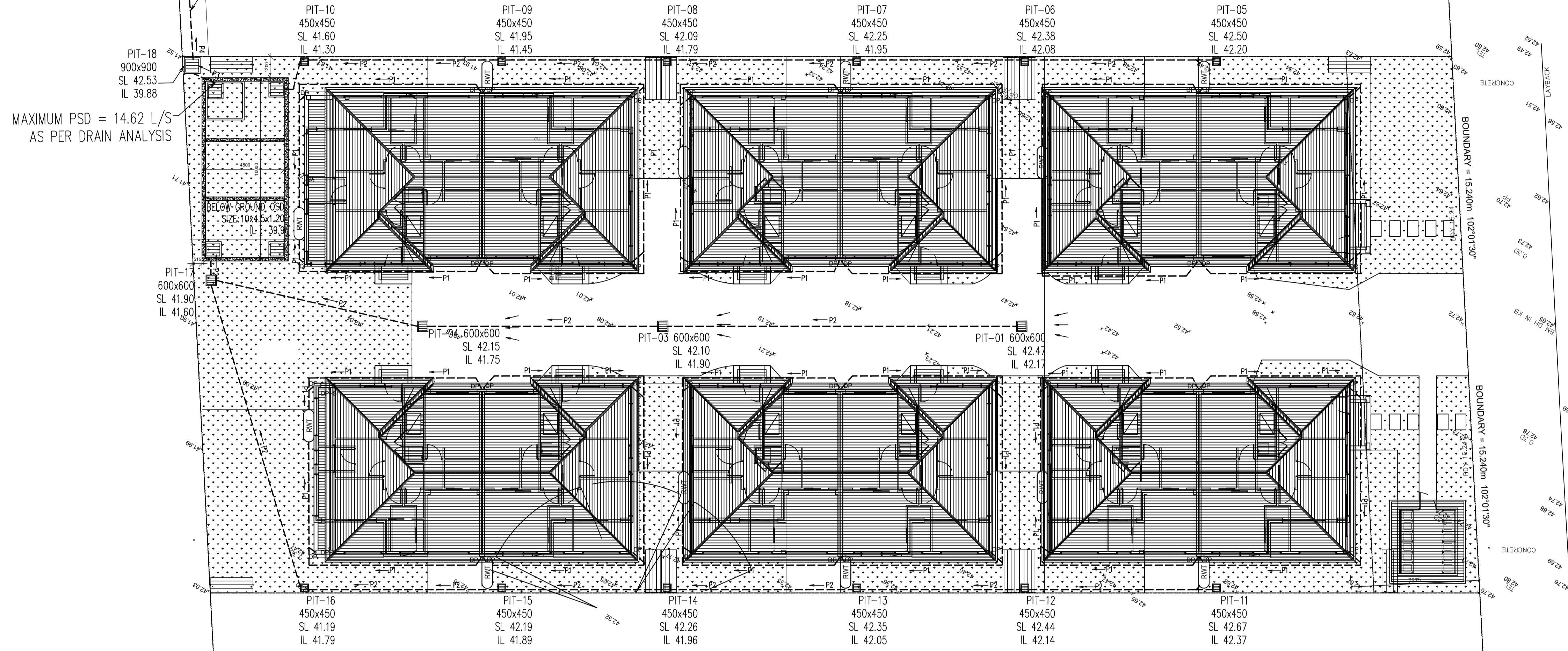
Designed by:	E.C.	ERTAZ H, CHOWDHURY MIEAust., CPEng. NPER, Reg. No. 2214897	Australiawide Consulting Services P/L Civil & Structural Engineering and Project Management 8/96 Rossmore avenue, Punchbowl, NSW 2196 Mobile: 0420710548 Email: ertaz1@hotmail.com	Architect: bdaa	Client: AHMET YESIL	Project North: 	Project: PROPOSED TOWNHOUSE DEVELOPMENT AT 83-85 CANBERRA STREET OXLEY PARK, NSW, 2760	Job:	Date:	29-11-2021
Drawn by:	A.K.								Scale @A1: 1:150	
Title: SEDIMENT CONTROL PLAN								Drg No.	SW01	

ORIFICE CALCULATION:	
FORMULA: $Q=CA(2gh)^{0.5}$	
Q = PSD =	14.62 L/s
Q = PSD =	0.01462 m ³ /s
C =	0.61
A = $(3.1416 \times d^2)/4$	
g =	9.81 m/sec ²
h =	1.2 m
Orifice dia d =	79.28983 mm
say	80 mm

PROPOSED OSD VOLUME CALCULATION:
 SITE AREA: 2195 m²
 CONSIDERING 1% BYPASS, SSR = 240 m³ / Ha
 REQD VOLUME FOR THE SITE: $2195 \times \frac{240}{10000} = 52.68$ QBM

PROPOSED 150 DIA PIPE REQUIRING AN 1.5 WIDE EASEMENT THROUGH 79 & 77 CANBERRA STREET TO DRAIN STORMWATER FROM 83-85 CANBERRA ST.

MAXIMUM PSD = 14.62 L/S AS PER DRAIN ANALYSIS



LEGEND :

- DENOTES RAINWATER TANK AS PER BASIX
- PIT
- 'DP' DOWN PIPE
- 'DP+S' DENOTES DOWN PIPE WITH SPREADER
- 'P1' 100 DIA CHARGED LINE FROM DP TO RWT
- 'P2' 150 DIA UPVC @1% FROM RWT TO OSD
- 'P3' 150 DIA UPVC @1% MIN CONNECTED TO PIT 18
- 'P4' 150 DIA UPVC @1% MIN CONNECTED TO EXISTING STORMWATER EASEMENT

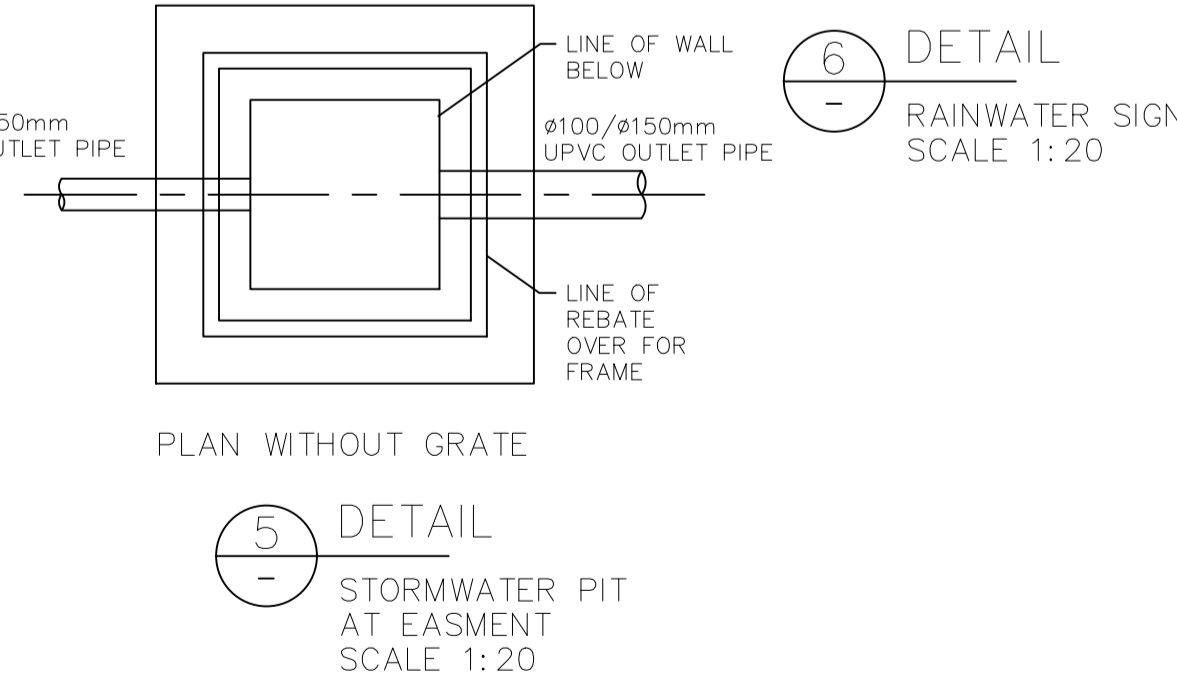
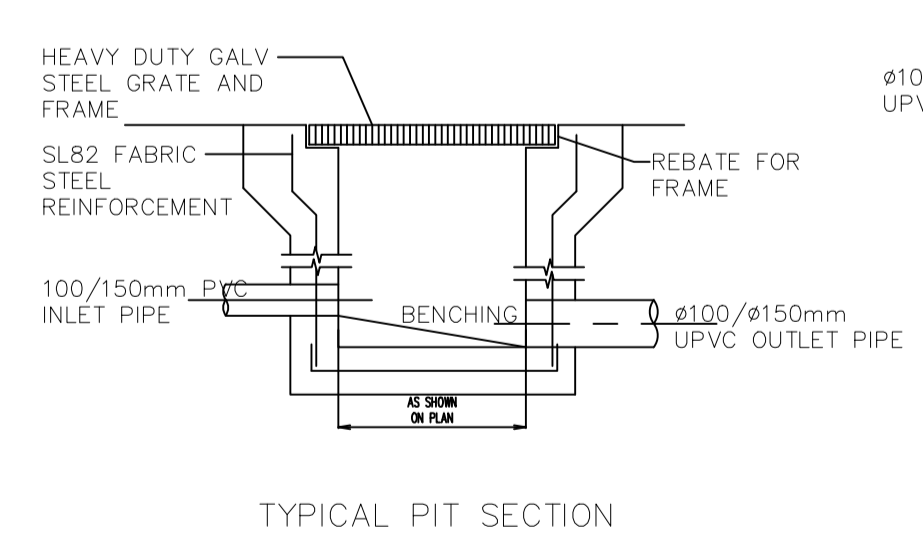
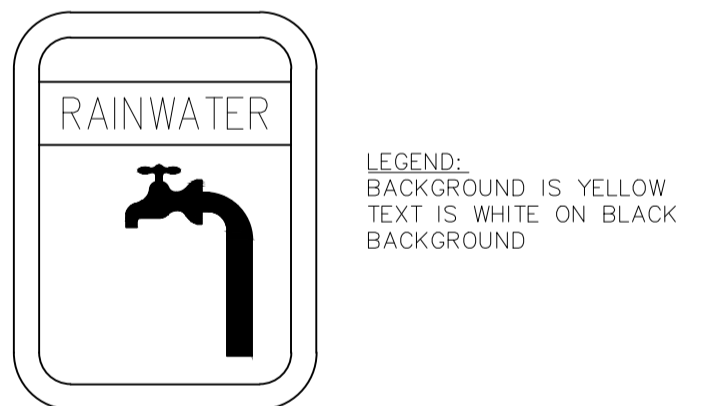
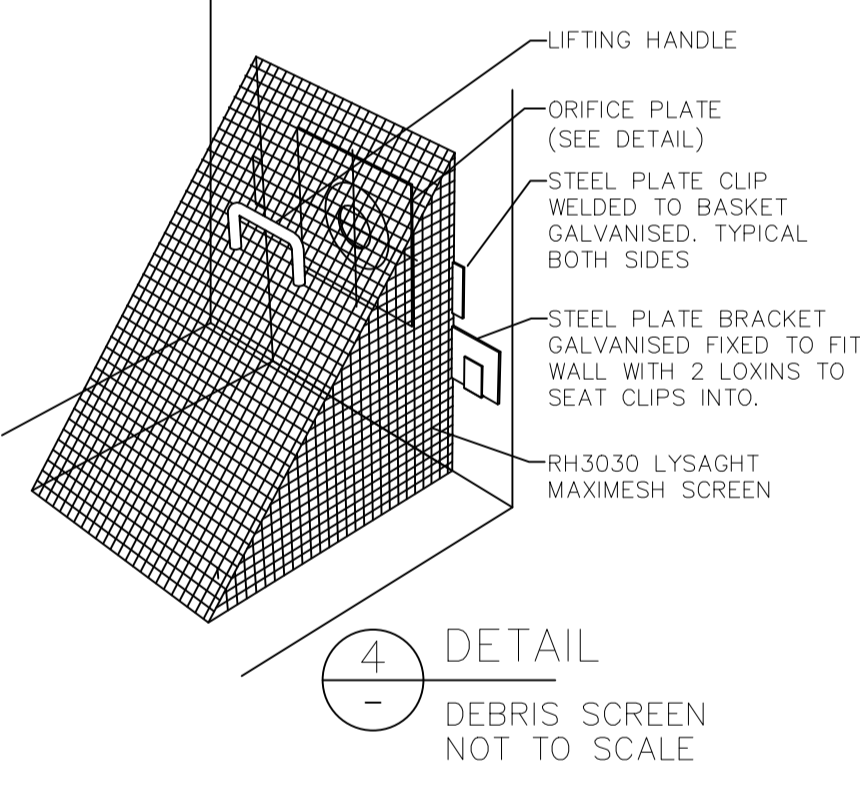
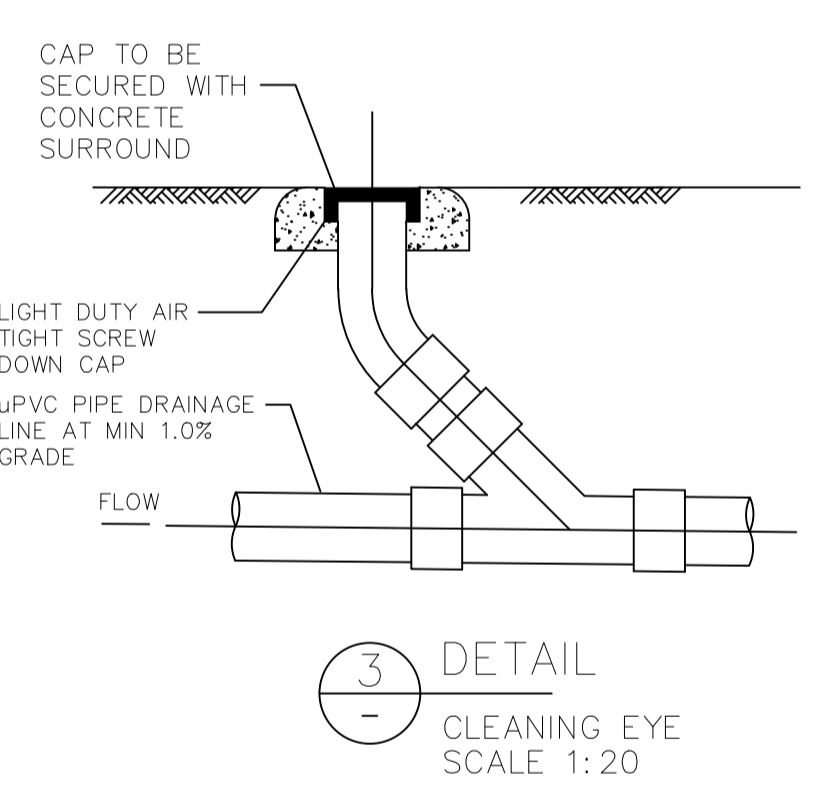
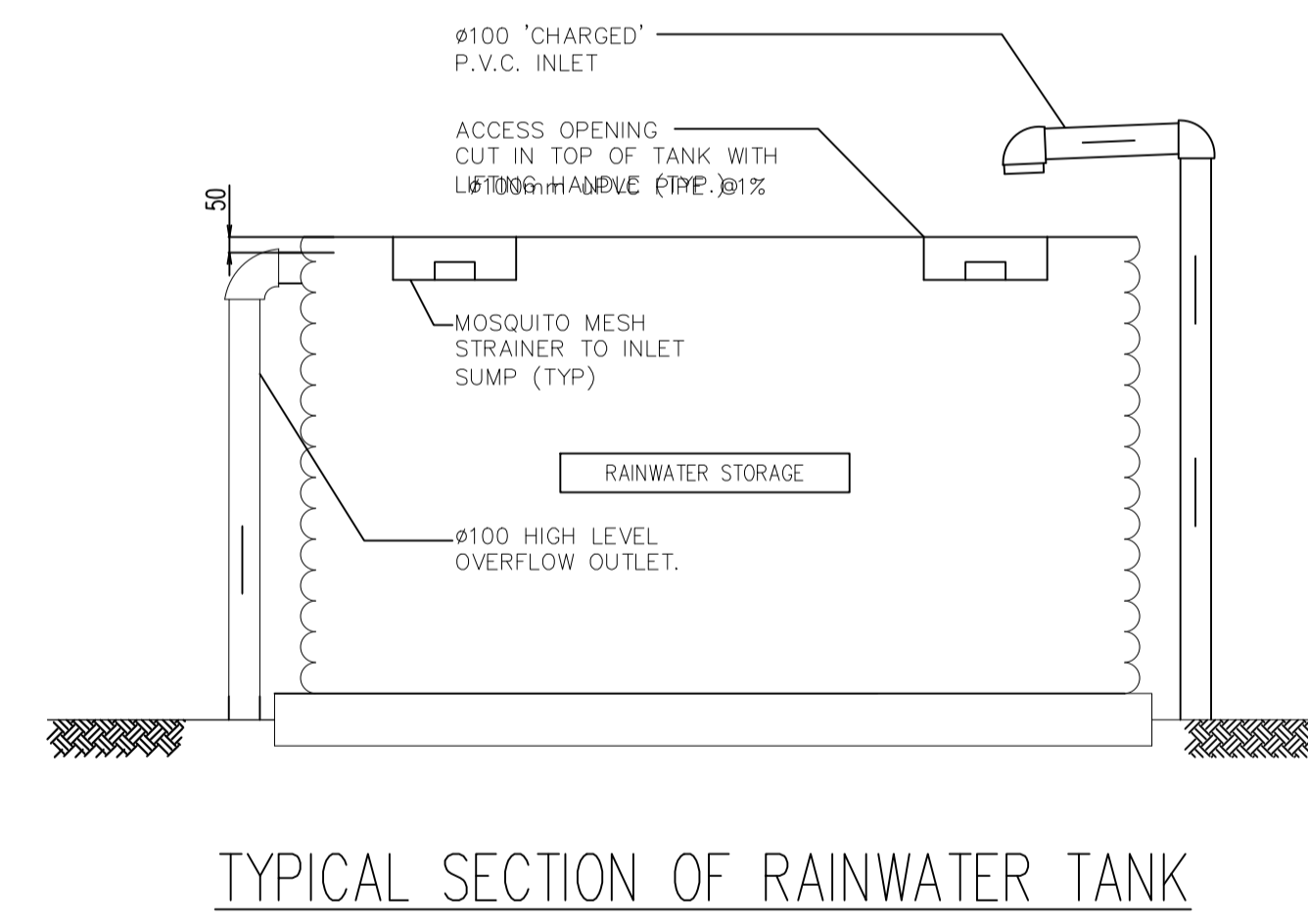
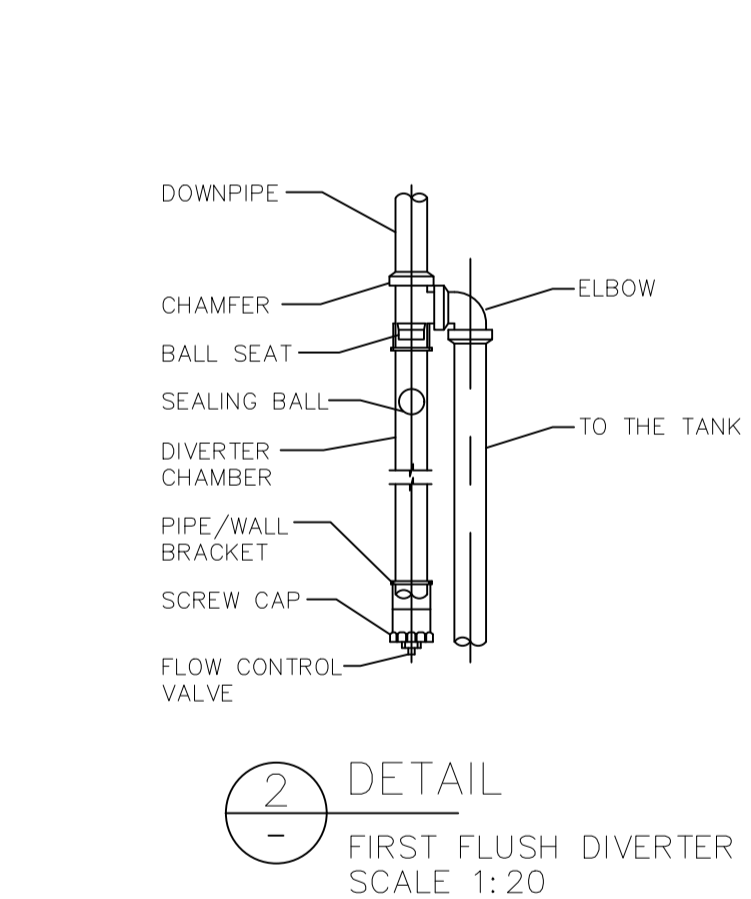
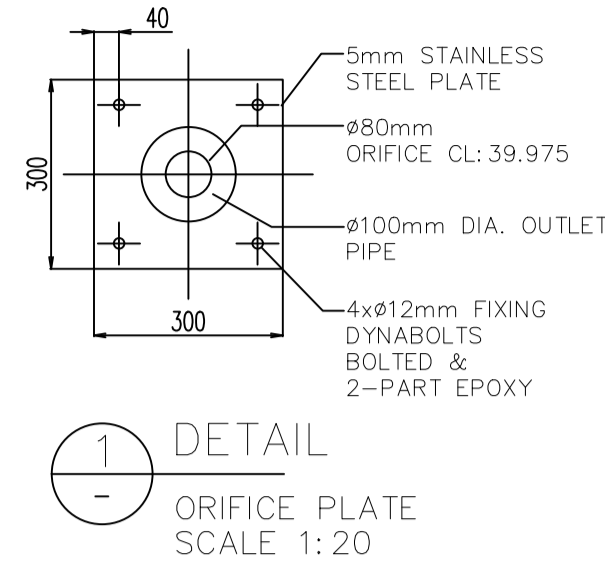
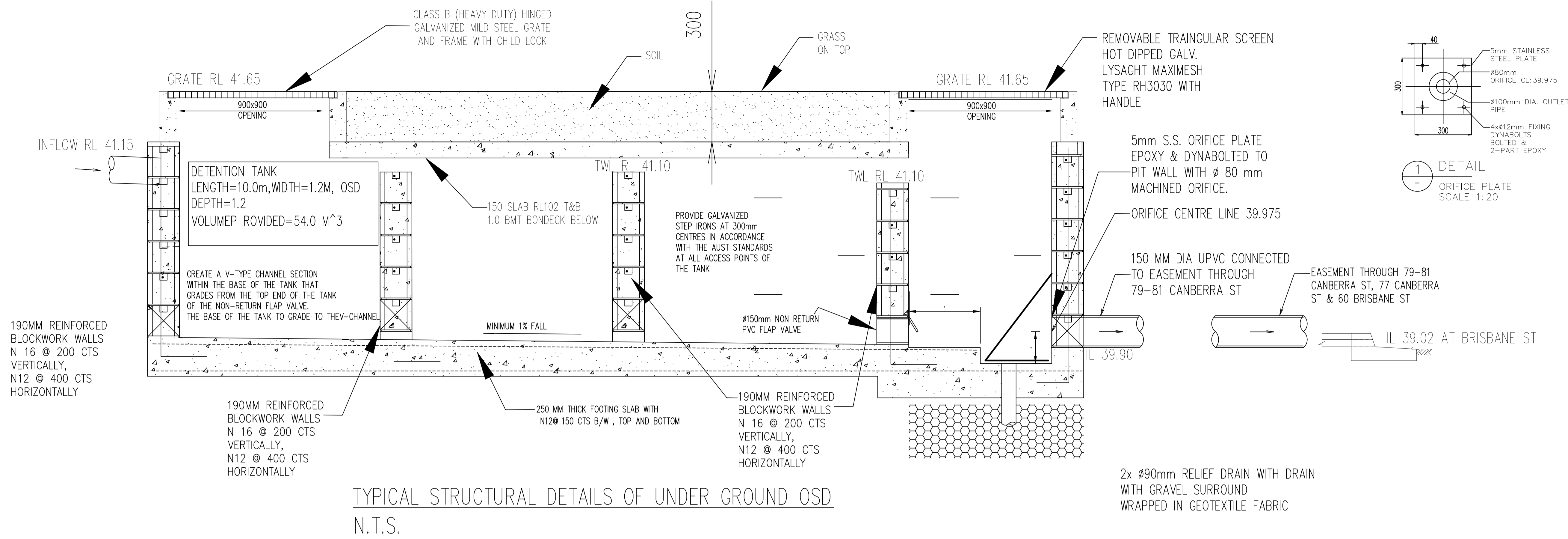
NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA AND AS3500.3, COUNCILS STANDARD SPECIFICATIONS CODES.
2. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, LANDSCAPE AND STRUCTURAL PLANS. MINIMUM GRADES FOR ALL PIPE SHOULD BE 1% MINIMUM.
3. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
4. ALL DESIGN LEVELS SHOWN ON PLAN SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
5. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION.

CHARGED PIPE SYSTEM FROM DP TO RWT:

1. ALL DOWN PIPES AND PIPE JOINTING SHALL BE FULLY SEALED AND SOLVENT WOKLED.
2. GUTTER / LEAF GUARDS ARE TO BE INSTALLED IN ALL GUTTERS.
3. CLEANING INSPECTION EYES SHALL BE INSTALLED AT THE LOWEST POINT IN ALL CHARGED LINES IF REQUIRED

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Drawn by:	A.K.			Scale @A1: 1:200	Title:	STORMWATER DRAINAGE PLAN	Drg No. SW02-A								



Designed by:	E.C.	ERTAZ H, CHOWDHURY MIE Aust., CPEng. NPER, Reg. No. 2214897	Australiawide Consulting Services P/L Civil & Structural Engineering and Project Management 8/96 Rossmore avenue, Punchbowl, NSW 2196 Mobile: 0420710548 Email: ertaz1@hotmail.com	Architect:	Client:	Project	Project:	Job:	Date:
Drawn by:	A.K.			bdaa	AHMET YESIL	North:	PROPOSED TOWNHOUSE DEVELOPMENT AT 83-85 CANBERRA STREET OXLEY PARK, NSW, 2760	Scale @A1: NTS	Date: 29-11-2021
								Title: STORMWATER DRAINAGE DETAIL	Drg No. SW03