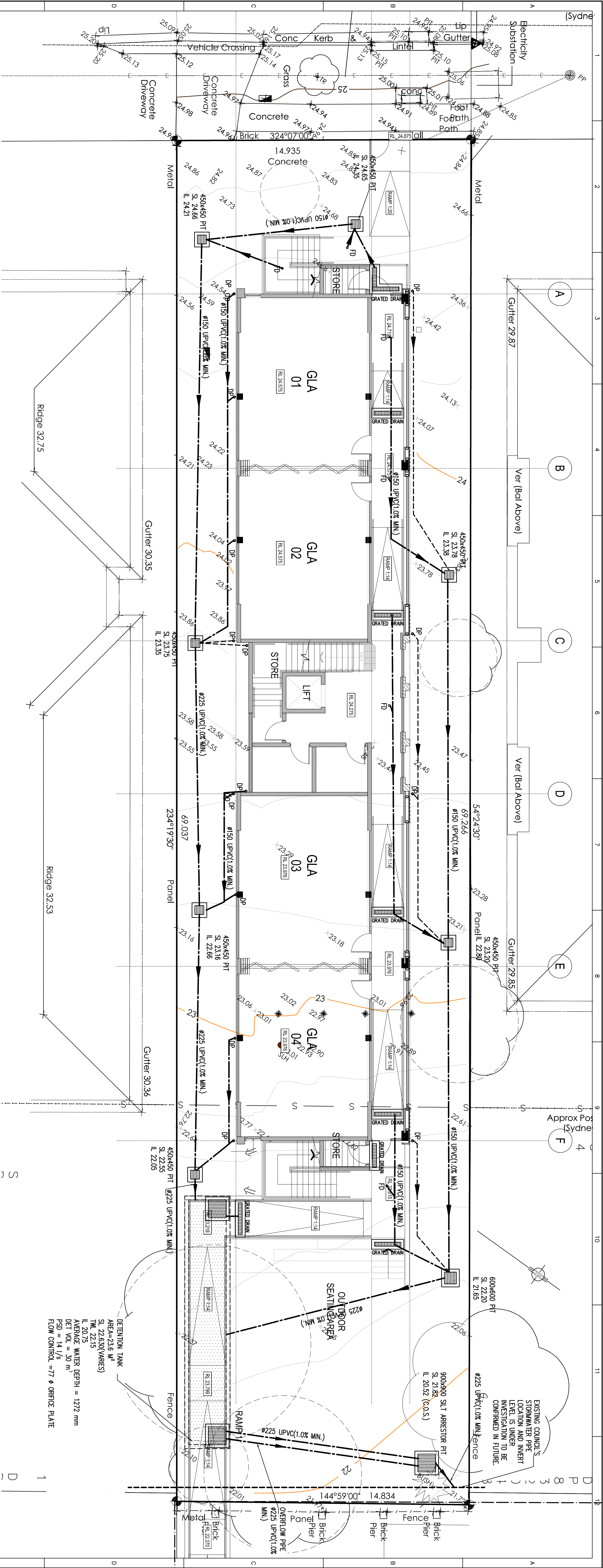




SITE AREA=1024 M²
PSD @ Aft 10 YEAR 15.36 L/S
FROM OSD TANK 10.0 L/S
BYPASS 5.0 L/S

DETENTION TANK
AREA=23.6 M²
SL. 22.63(VARIABLE)
TNL. 22.15
AVERAGE WATER DEPTH = 1272 mm
DET VOL. = 30 m³
PSD = 14 L/S
FLOW CONTROL = 77 * ORIFICE PLATE

STORMWATER SITE DRAINAGE LAYOUT PLAN

- ALL PIPELINES UNDER THE BUILDING SHALL BE CONSTRUCTED AND TESTED AS PER SECTION 10 OF AS/NZS 3500.3:2015
- ALL PIPES SHALL BE SEWER GRADE EXTRA HEAVY DUTY.
- DENOTES #150 UPVC WITH 1.0% MIN. SLOPE UNO.
- DENOTES #100 UPVC WITH 1.0% MIN. SLOPE UNO.
- DENOTES BYPASS AREA.



LEGEND:

- DP - DENOTES DOWNSPIPE
- FD - DENOTES FLOOR DRAIN
- PD - DENOTES PLASTER DRAIN
- RWD - DENOTES RAIN WATER OUTLET

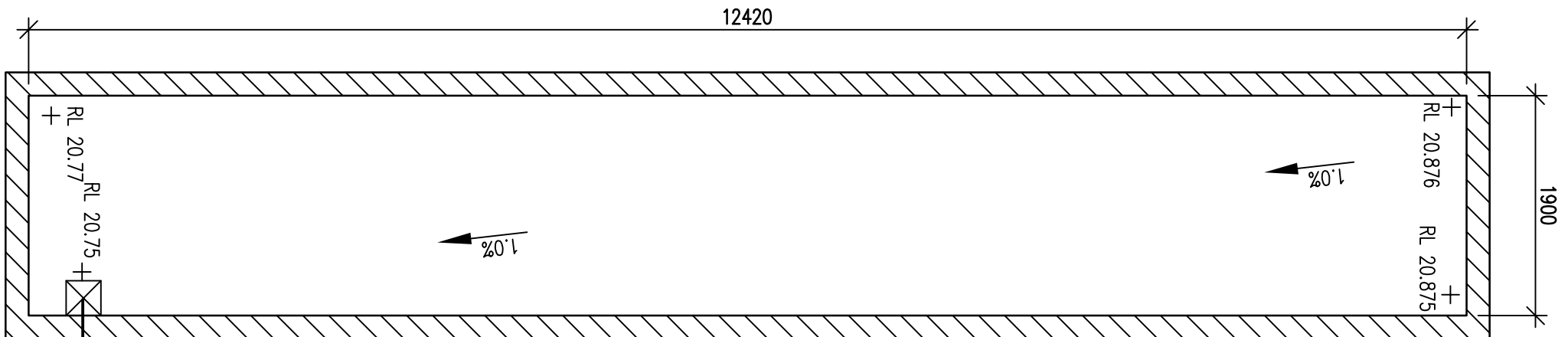
- ### STORMWATER NOTES
- ALL STORMWATER DRAINAGE TO BE IN ACCORDANCE WITH AS 3500.3 AND COUNCIL REQUIREMENTS.
 - DOWNSPIPE LOCATIONS ARE INDICATIVE ONLY. FINAL LOCATIONS TO BE REFER TO ARCHITECT DRAWING.
 - ALL HABITABLE FLOOR LEVELS ARE TO BE AT LEAST 200 mm ABOVE FINISHED GROUND LEVELS ADJACENT TO NEW DWELLINGS.
 - WHERE PIPE SIZE NOT SHOWN ON DRAWING, USE 100# UPVC (MIN. 1.0%)
 - PRIOR TO ANY CONSTRUCTION ON SITE THE BUILDER SHALL CHECK THE ASSUMED LEVELS OF ALL UPSTREAM AND DOWNSSTREAM EXISTING DRAINAGE STRUCTURES TO ENSURE THE VIABILITY OF THE PROPOSED WORKS. THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES IN LEVELS OR LOCATION OF STRUCTURES.
 - PRIOR TO ANY CONSTRUCTION ON SITE THE BUILDER SHALL CHECK THE LOCATION AND DEPTH OF ALL SEWER STRUCTURES TO ENSURE NO CONFLICT WITH THE PROPOSED WORKS.
 - A CHILD PROOF AND CORROSION RESISTANT FASTENING SYSTEM FOR THE ACCESS GRATES TO DETENTION TANK/TANKS/SILT ARRESTOR PIT /PIT GREATER THAN 600mm DEEP SHALL BE INSTALLED (E.G. SPRUNG LOADED JAY-BOLT).
 - A 500mm x 200mm SIGN SHALL BE PLACED ADJACENT TO THE DETENTION TANK/SILT ARRESTOR PIT STATING THAT:
"THIS DETENTION TANK/SILT ARRESTOR PIT SHALL BE REGULARLY INSPECTED AND CLEANED."
 - PIPES TO BE THRUST BORED TO MINIMISE ROOT DAMAGE IN THE VICINITY OF TREES.

- ALL STORMWATER PITS IN LANDSCAPE OR TURBED AREAS TO HAVE PERFORATED GALV. MESH BELOW GRATE
- ALL PITS/GRATE DRAIN IN TRAFFICABLE AREAS TO HAVE A GALVANISED HINGED BOLT DOWN AND HEELGUARD GRATES

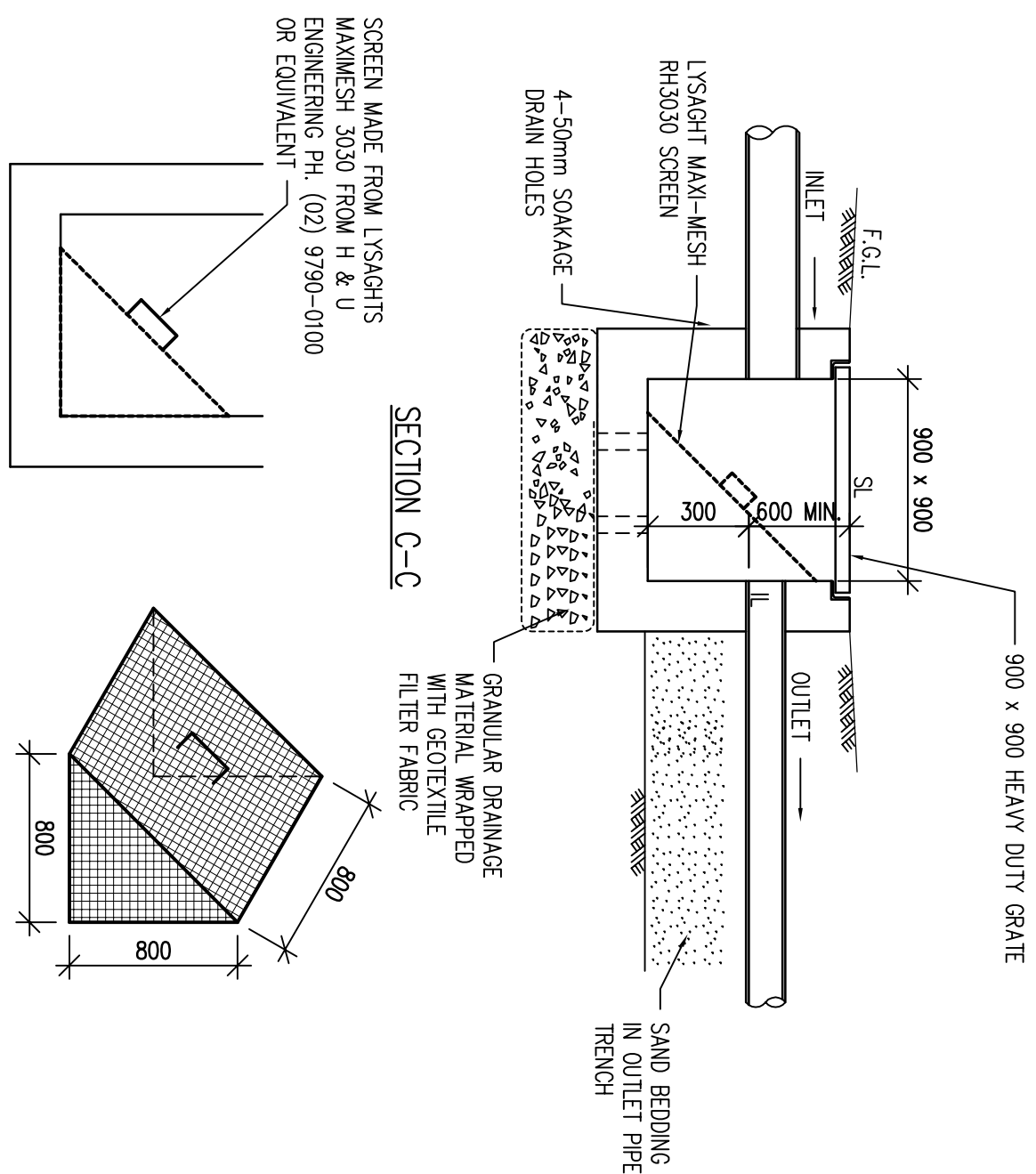
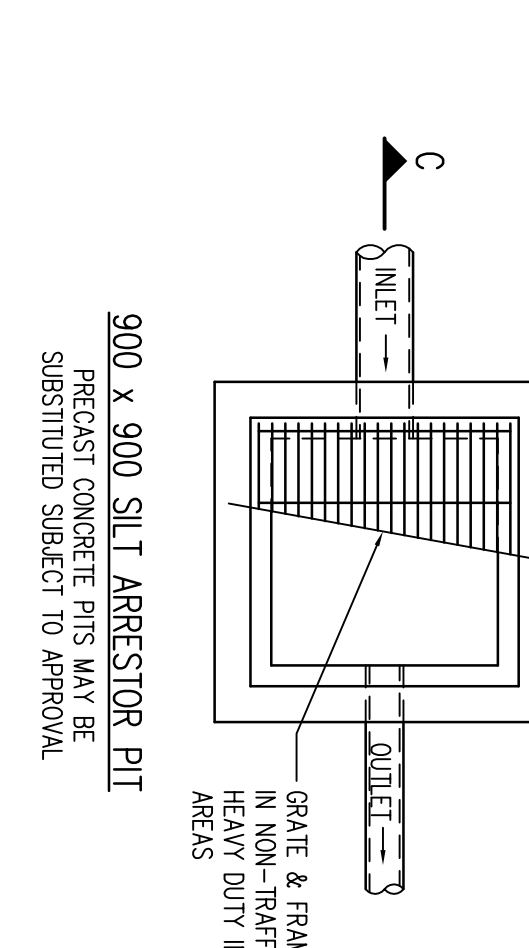
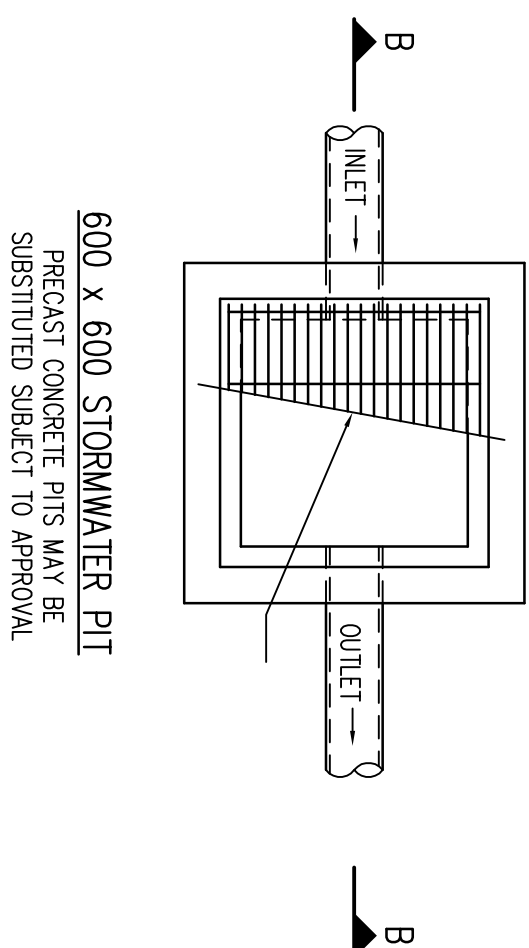
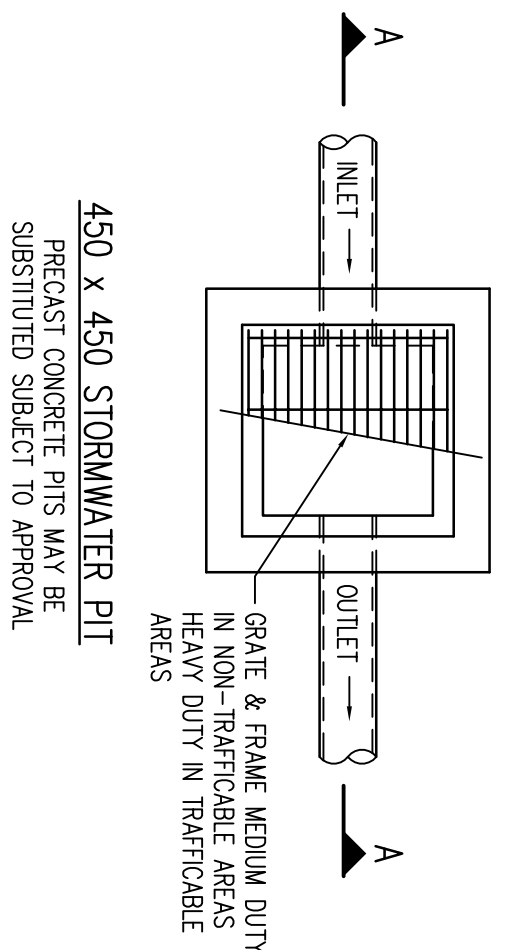
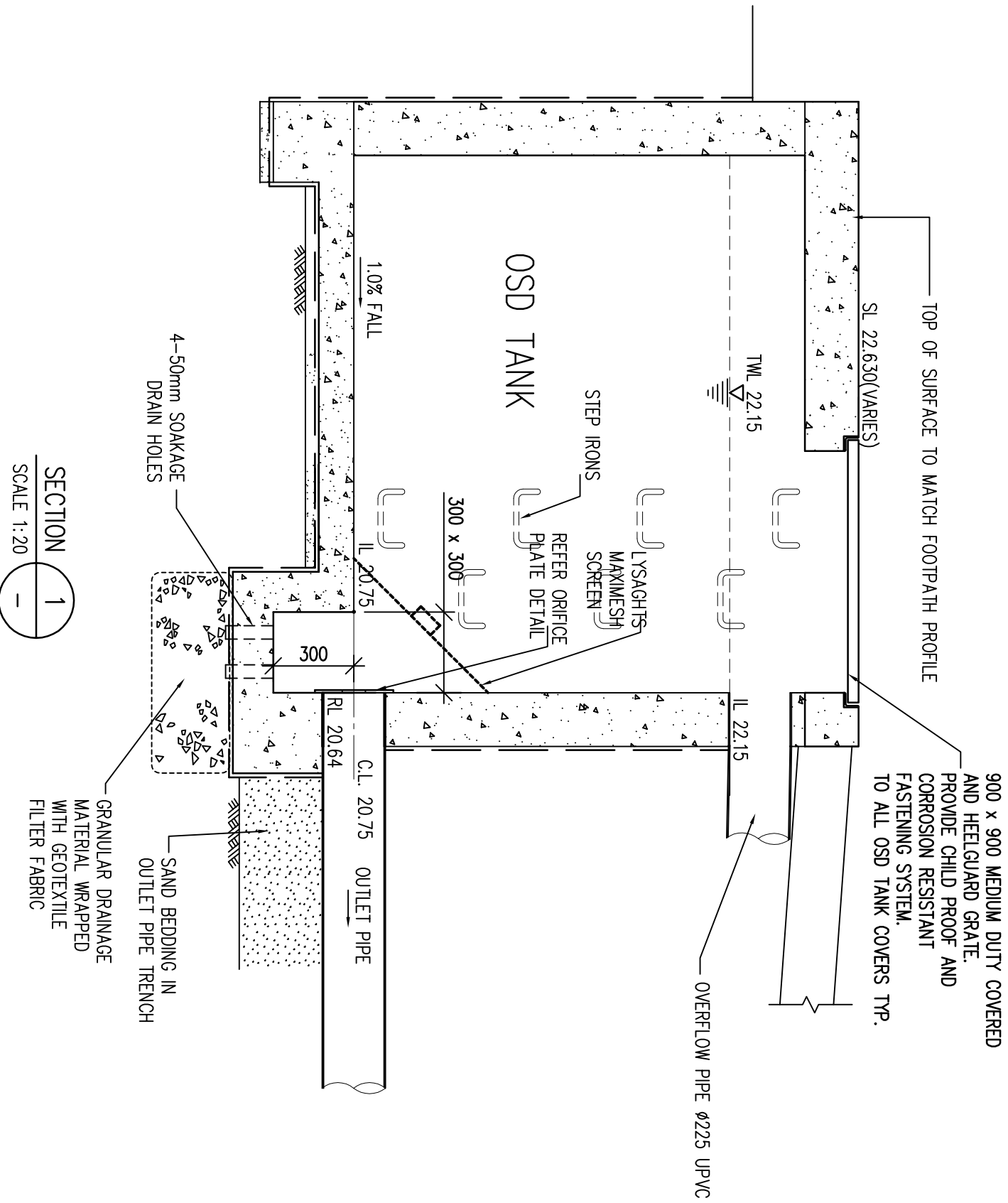
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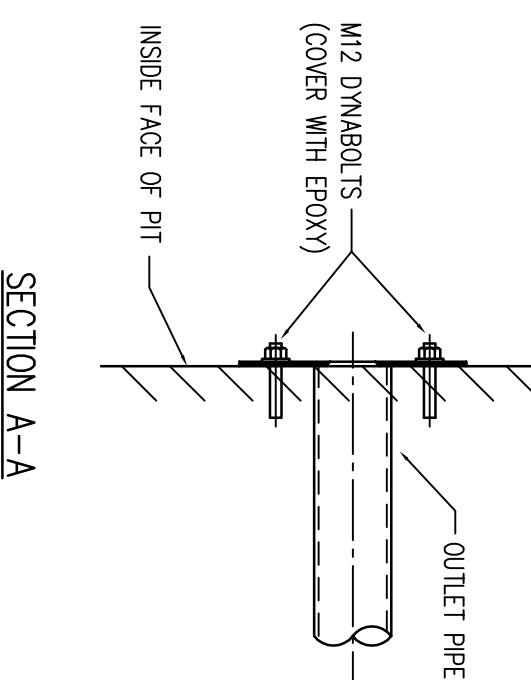
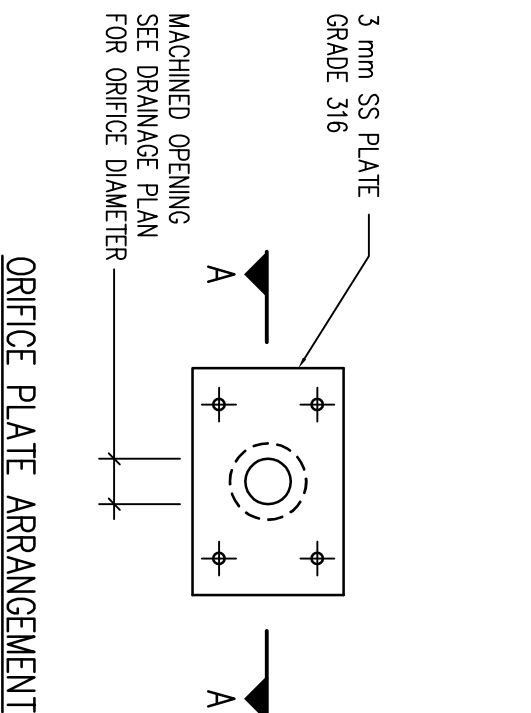
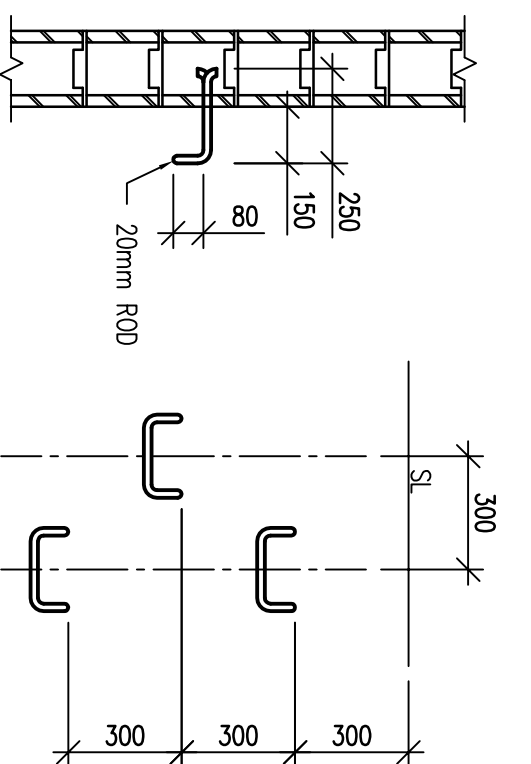
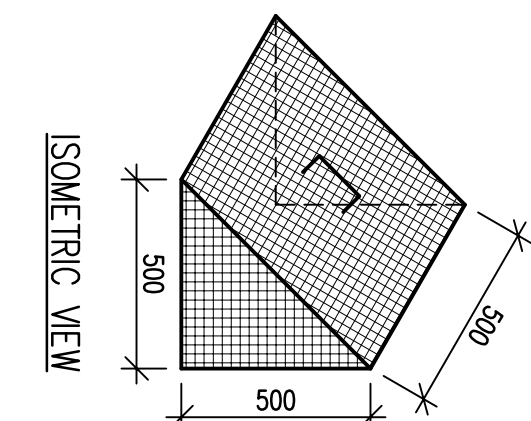
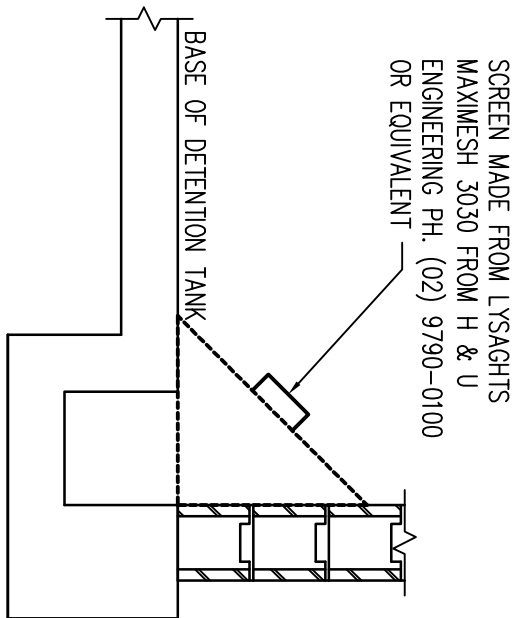
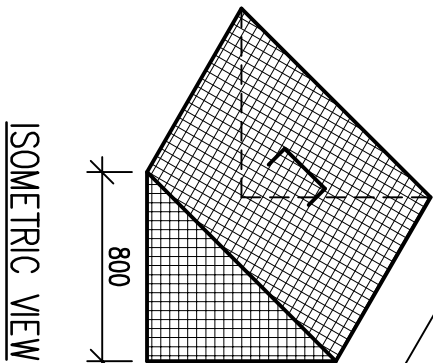
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OSD TANK PLAN
SCALE 1:50



LITTER & LEAF SCREEN DETAIL



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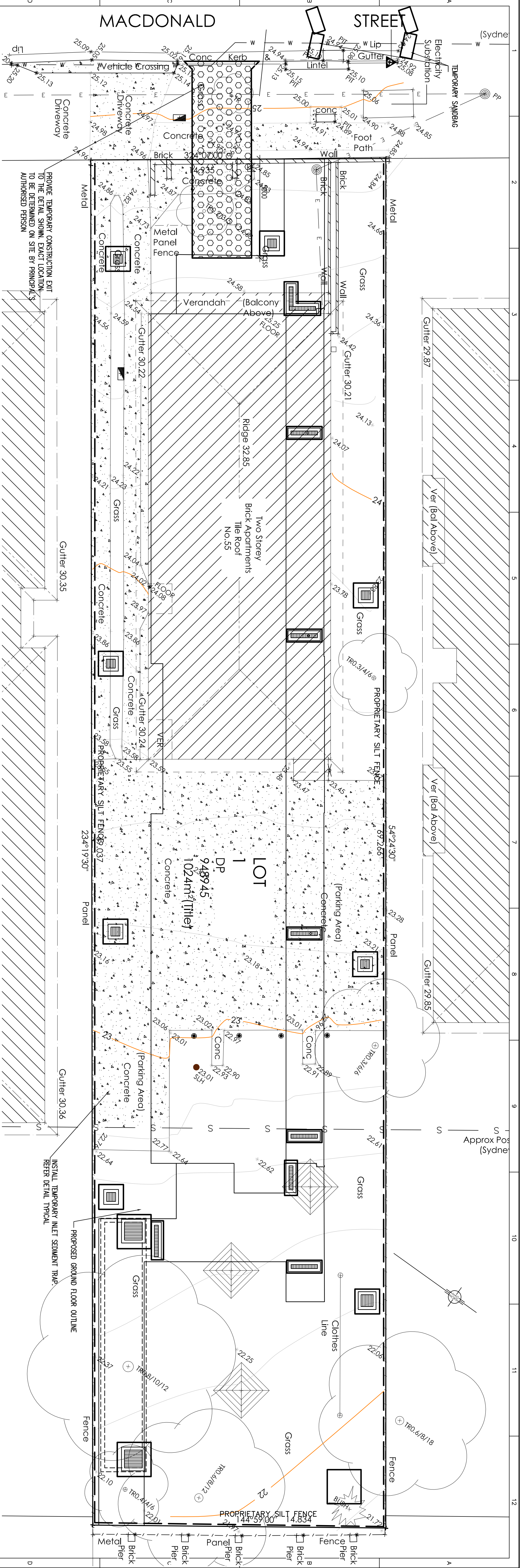
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Letter	Amendment	By	Date
A1			

PROPOSED NEW DEVELOPMENT
AT 54-72 HAMPDEN ROAD, LAKEMBA
STORMWATER DETAILS

MICHAEL ELL
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Drawn	Designed	Checked	Approved	Date	File No.	Sheet	Rev.	Job No.
DC		ME	BE (Cn)	15.03.22	22005-SW03C	SW03	C	22005



EROSION AND SEDIMENT CONTROL PLAN

LEGEND:

- PROPOSED BUILDING OUTLINE
- PROPRIETARY SILT FENCE
- TEMPORARY CONSTRUCTION EXIT
- TEMPORARY HAY BALES/SANDBAGS
- PROPOSED DRAINAGE PIT WITH INLET SEDIMENT TRAP

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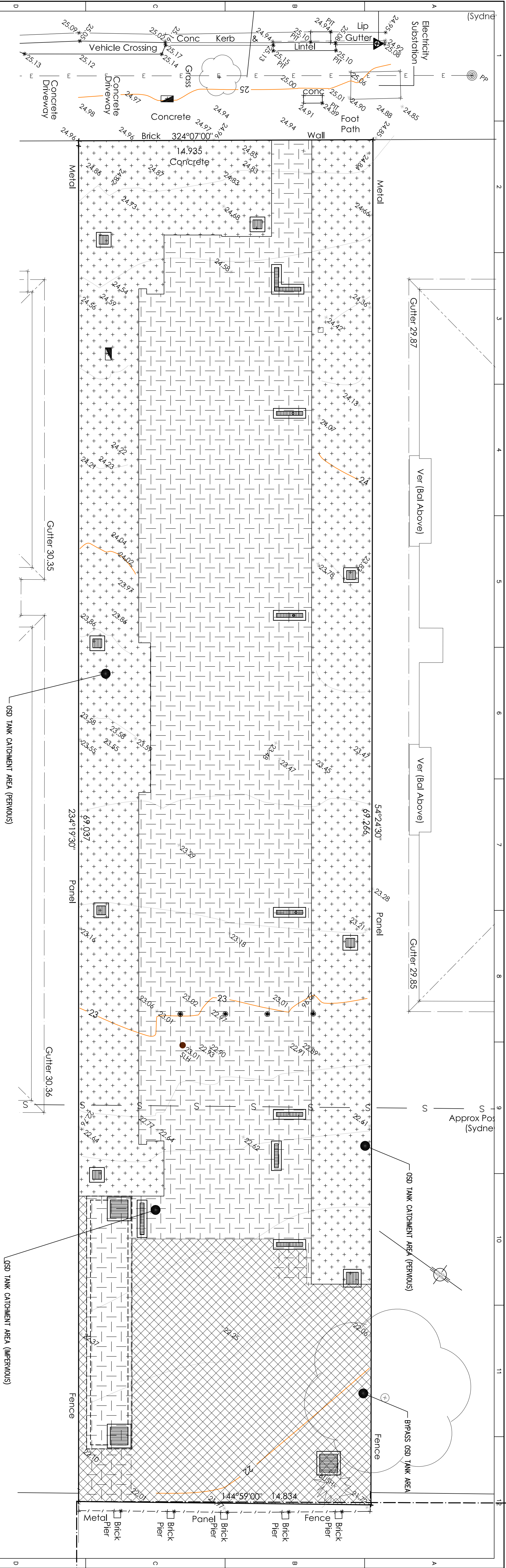
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A	Issue for DA	Amendment	By	I	Date				

PROPOSED NEW DEVELOPMENT
AT 54-72 HAMPDEN ROAD, LAKEWBA

EROSION AND SEDIMENT CONTROL PLAN

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DC	Designed	ME	Checked	Approved	
DC	Scale 1:100	BE (Civl)	MJE (AUST) C.P. Eng, Registered on IPER-3 for Michael EI Consulting Engineers Pty. Ltd.	Date 15.03.22	File No. 22005-SW04B
				Sheet Rev. SW04	C 22005



OSD TANK CATCHMENT LAYOUT PLAN

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