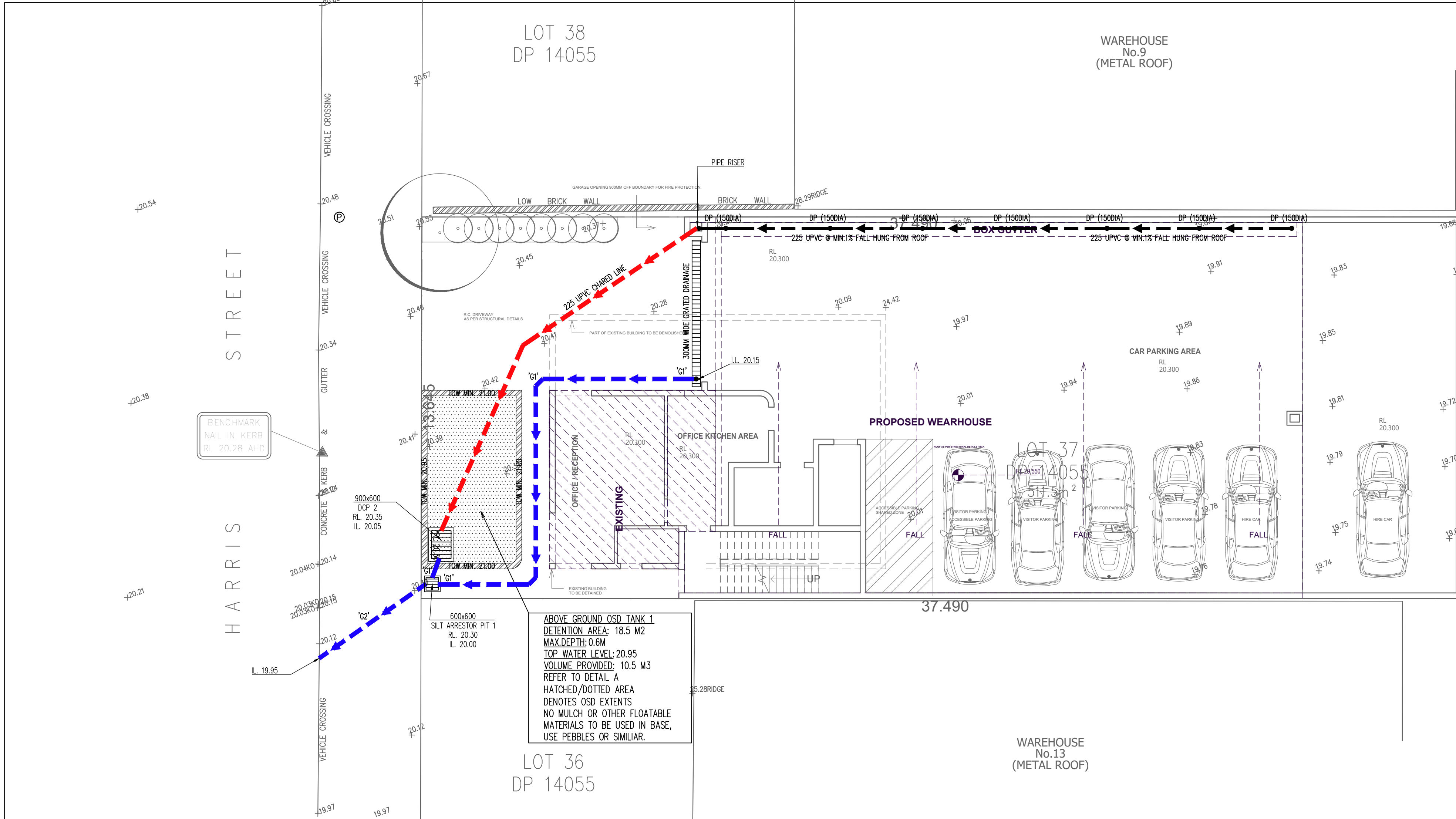




DP

DP

→

RWO

R.W.TANK

→

RL

IL

R.W.

*

+

DOWN PIPE

DOWN PIPE W/SPREADER

ROOF SLOPE

RAINWATER OUTLET

RAINWATER TANK

SURFACE FLOW

SURFACE INLET PIT

TOP OF PIT LEVEL

INVERT LEVEL OF PIT

RETAINING WALL

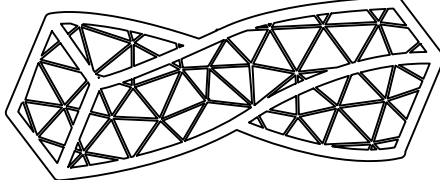
NEW LEVEL

EXISTING LEVEL

PIPE SCHEDULE				
TAG	SIZE	MATERIAL	GRADE	TYPE
'G1'	150DIA	UPVC	1% MIN	GRAVITY
'G2'	200X100X5	RHS	1% MIN	GRAVITY

A1					
A	ISSUED FOR DA APPROVAL	M.J.	M.J.	18.07.2024	
No	AMENDMENT	ENG	DRAFT	DATE	

CLIENT	
CEDAR DESIGNS	



SITH ENGINEERS

CIVIL & STRUCTURAL CONSULTING ENGINEERS

E: OFFICE@SITHENGINEERS.COM.AU M: 0431 712 055

PROJECT	
PROPOSED ALTS AND ADDS	
11 HARRIS ST,	
CONDELL PARK	

SHEET SUBJECT	
STORMWATER PLAN	
MISC:	

PROJECT			
DATE	JUL 18	DESIGNED	M.J. B.E. (Hons; CDI), Peng, IEAust 8197872
SCALE @ A3		CHECKED	H.K.
		JOB No	STH2024
		DRAWING No	SW01
		REV	A

- 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 CONTRACTORS 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 ADN LOCATIONS.

6. REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR DETAILS AND EXTENT OF ALL LANDSCAPED AREAS.

7. ALL SWD PIPES ARE UPVC AT 1.0% MINIMUM GRADE (UNO).

8. SWD PITS 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 12m DEEP.

11. THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF WORKS.

12. TOPSOIL SHALL BE STRIPPED DN 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.

15. CLEANING EYES SHALL BE INSTALLED AT ALL JUNCTIONS, CHANGES OF GRADIENT AND CHANGES OF DIRECTION OF STORMWATER DRAINAGE, AND AT MAXIMUM SPACING OF 30M ALONG A LENGTH OF PIPE, DIRECTLY ABOVE ANY REFLEX VALVES, OR FLEX JOINTS OR RISERS SCREENS.

SITE STORMWATER DRAINAGE PLAN



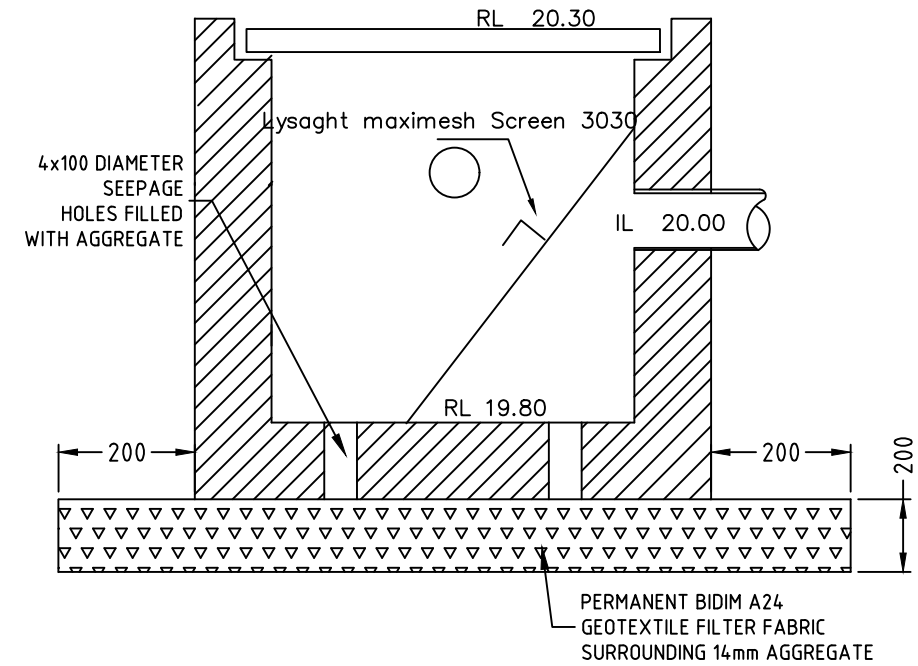
* NEW LEVEL

+ EXISTING LEVEL

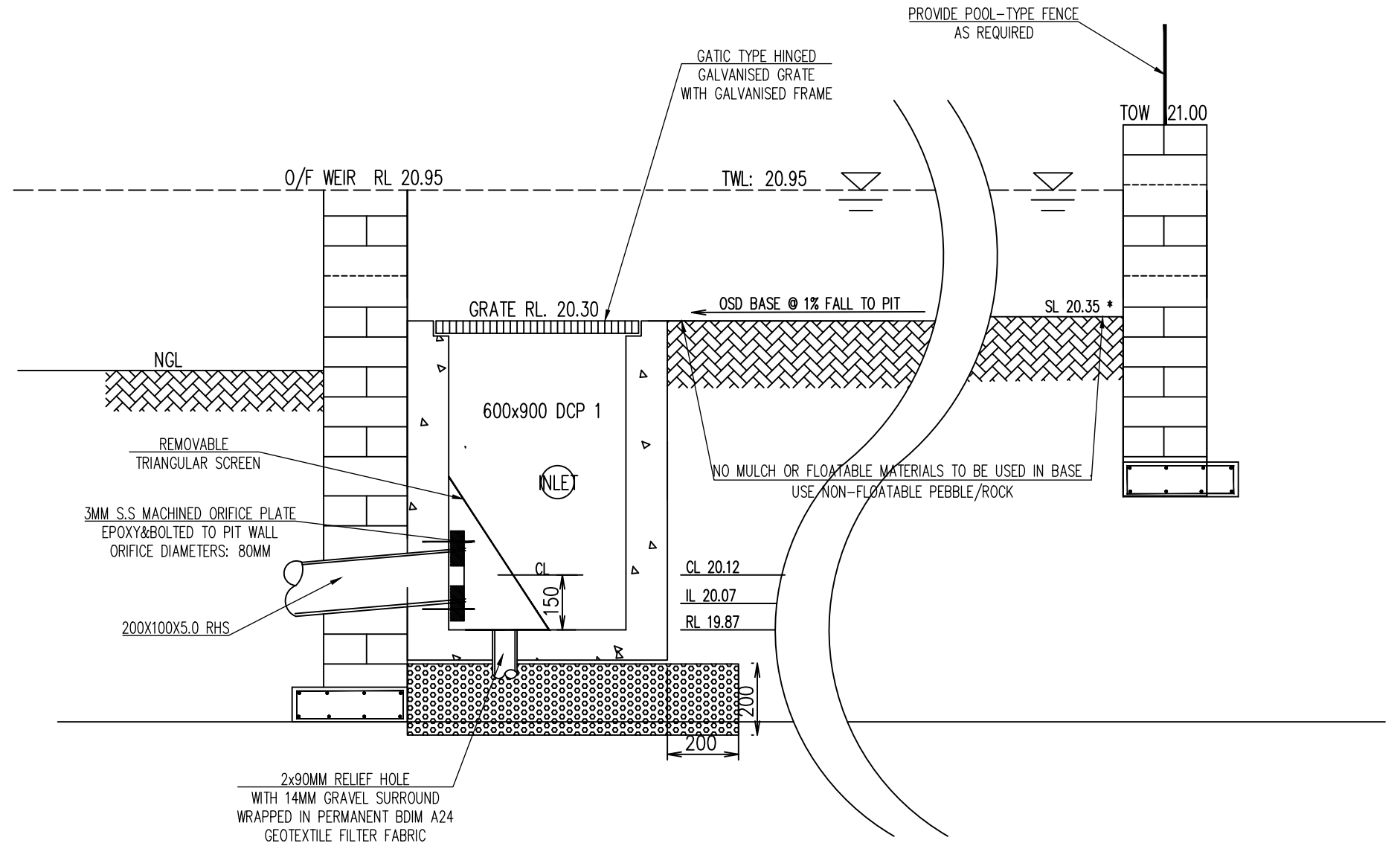
NOTES:

• ALL DP TO BE 150MM UPVC, UNO

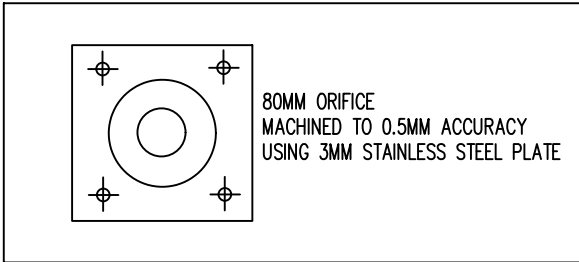
• 1:100 @ A3



600X600 SILT ARRESTOR PIT 1



DETAIL A - ABOVE GROUND OSD 1
N.T.S.



ORIFICE PLATE - OSD 1
N.T.S.