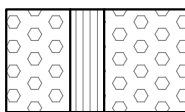
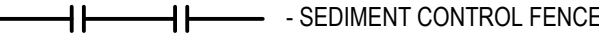
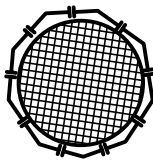
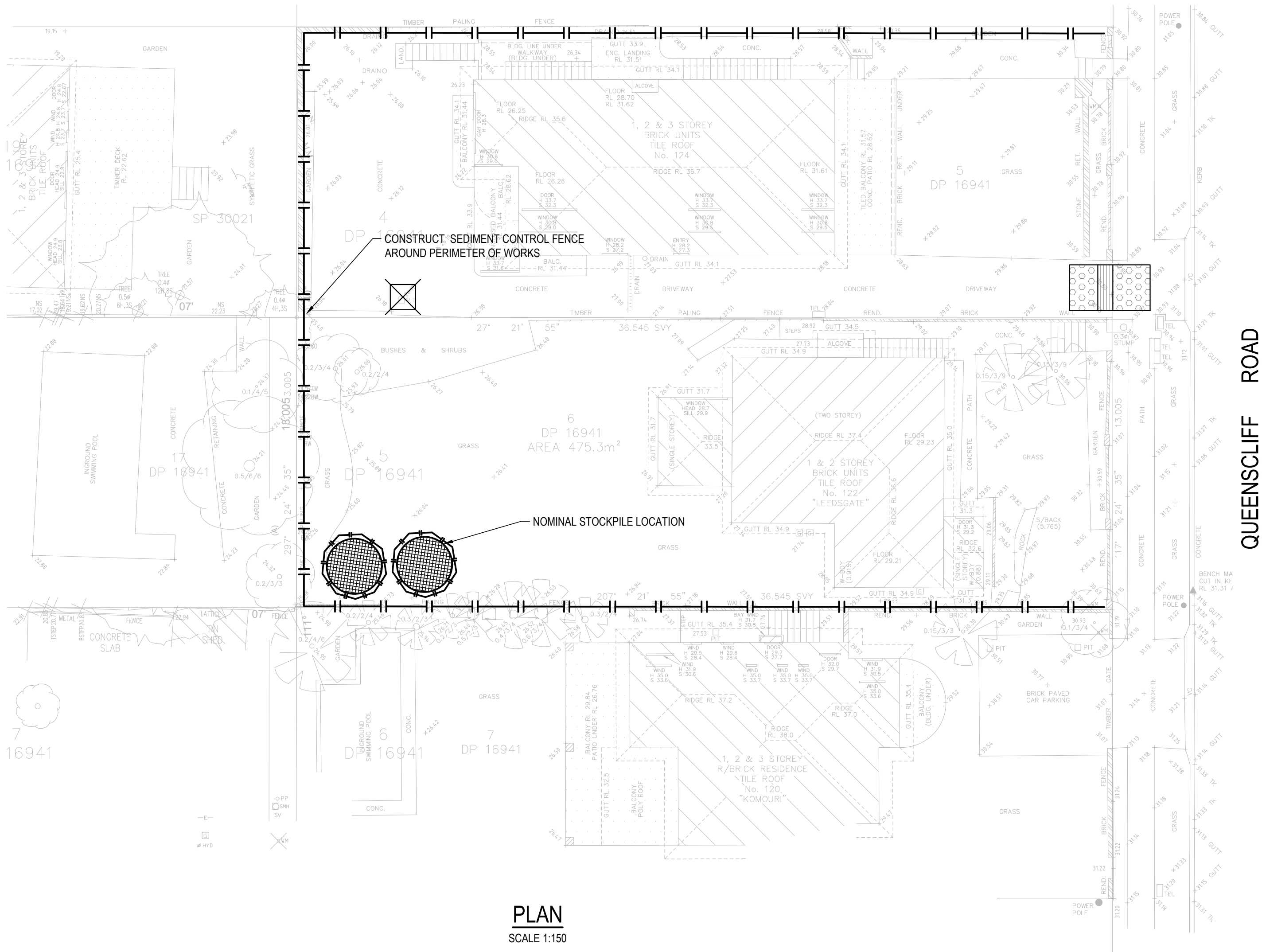


EROSION AND SEDIMENT NOTES

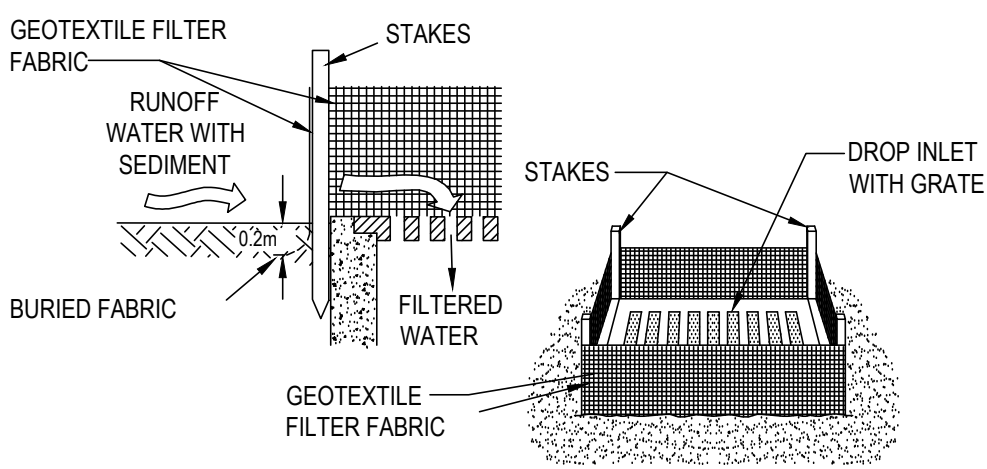
- B1. THIS PLAN IS TO BE READ IN CONJUNCTION WITH EROSION AND SEDIMENT CONTROL DETAILS AS SHOWN
- B2. THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS NECESSARY AND TO THE SATISFACTION OF COUNCIL PRIOR TO THE COMMENCEMENT OF AND DURING CONSTRUCTION. NO DISTURBANCE TO THE SITE SHALL BE PERMITTED OTHER THAN IN THE IMMEDIATE AREA OF THE WORKS AND NO MATERIAL SHALL BE REMOVED FROM THE SITE WITHOUT COUNCIL'S APPROVAL. ALL EROSION AND SEDIMENT CONTROL DEVICES TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH STANDARDS OUTLINED IN NSW DEPARTMENT OF HOUSING'S 'MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTIONS'.
- B3. TOPSOIL SHALL BE STRIPPED AND STOCKPILED OUTSIDE HAZARD AREAS SUCH AS DRAINAGE LINES. THIS TOPSOIL IS TO BE RESPREAD LATER ON AREAS TO BE REVEGETATED AND STABILISED ONLY, (I.E. ALL FOOTPATHS, BATTERS, SITE REGARDING AREAS, BASINS AND CATCHDRAINS). TOPSOIL SHALL NOT BE RESPREAD ON ANY OTHER AREAS UNLESS SPECIFICALLY INSTRUCTED BY THE SUPERINTENDENT. IF THEY ARE TO REMAIN FOR LONGER THAN ONE MONTH STOCKPILES SHALL BE PROTECTED FROM EROSION BY COVERING THEM WITH A MULCH AND HYDROSEEDING AND, IF NECESSARY, BY LOCATING BANKS OR DRAINS DOWNSTREAM OF A STOCKPILE TO RETARD SILT LADEN RUNOFF.
- B4. THE CONTRACTOR SHALL REGULARLY MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVE ACCUMULATED SILT FROM DEVICES SUCH THAT NO MORE THAN 60% OF THEIR CAPACITY IS LOST. ALL THE SILT IS TO BE PLACED OUTSIDE THE LIMIT OF WORKS. THE PERIOD FOR MAINTAINING THESE DEVICES SHALL BE AT LEAST UNTIL ALL DISTURBED AREAS ARE REVEGETATED OR AS DIRECTED BY THE SUPERINTENDENT OR COUNCIL.
- B5. VEHICULAR TRAFFIC SHALL BE CONTROLLED DURING CONSTRUCTION CONFINING ACCESS WHERE POSSIBLE TO NOMINATED STABILISED ACCESS POINTS.
- B6. THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL BY REGULAR WETTING DOWN (BUT NOT SATURATING) DISTURBED AREA.
- B7. PROVIDE AND MAINTAIN SILT TRAPS AROUND ALL SURFACE INLET PITS UNTIL CATCHMENTS ARE REVEGETATED OR PAVED.
- B8. REVEGETATE ALL TRENCHES IMMEDIATELY UPON COMPLETION OF BACKFILLING.
- B9. ALL DRAINAGE PIPE INLETS TO BE CAPPED UNTIL :
A) DOWNPIPES CONNECTED
B) PITS CONSTRUCTED AND PROTECTED WITH SILT BARRIER
- B10. SILT FENCE MAINTENANCE INSPECTION TO BE CARRIED OUT EVERY 3 MONTHS AND AFTER EACH RAINFALL EVENT.
- B11. EROSION & SEDIMENT CONTROL SIGNAGE AVAILABLE FROM COUNCIL MUST BE ATTACHED TO THE MOST PROMINENT AVAILABLE STRUCTURE AND BE VISIBLE AT ALL TIMES WHEN ENTERING THE SITE FOR THE DURATION OF CONSTRUCTION.

LEGEND

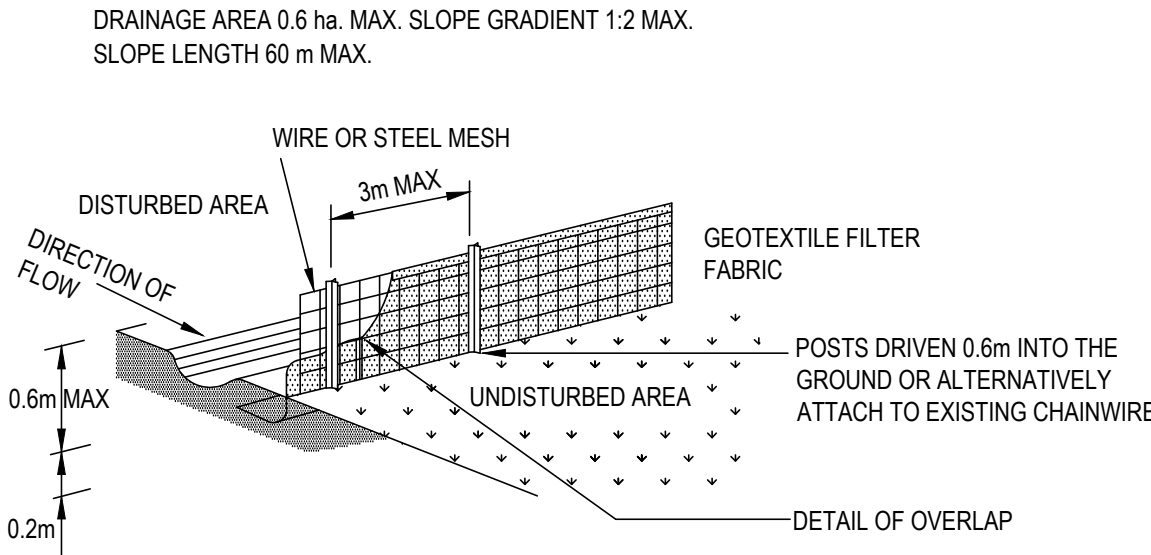
-  -STORMWATER SEDIMENT TRAPS AT ALL PROPOSED PIT INLETS
-  -TEMPORARY CONSTRUCTION VEHICLE EXIT
-  - SEDIMENT CONTROL FENCE
-  -STOCKPILE AREA



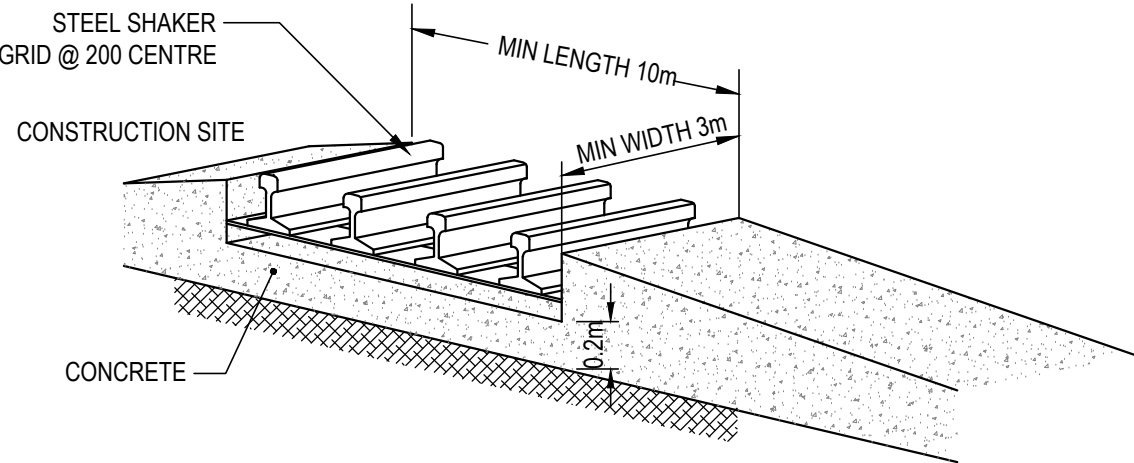
PLAN
SCALE 1:150



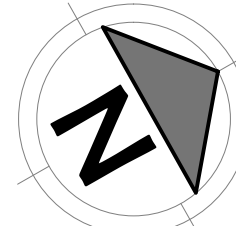
GEOTEXTILE FILTER FABRIC INLET
SEDIMENT TRAP
N.T.S.

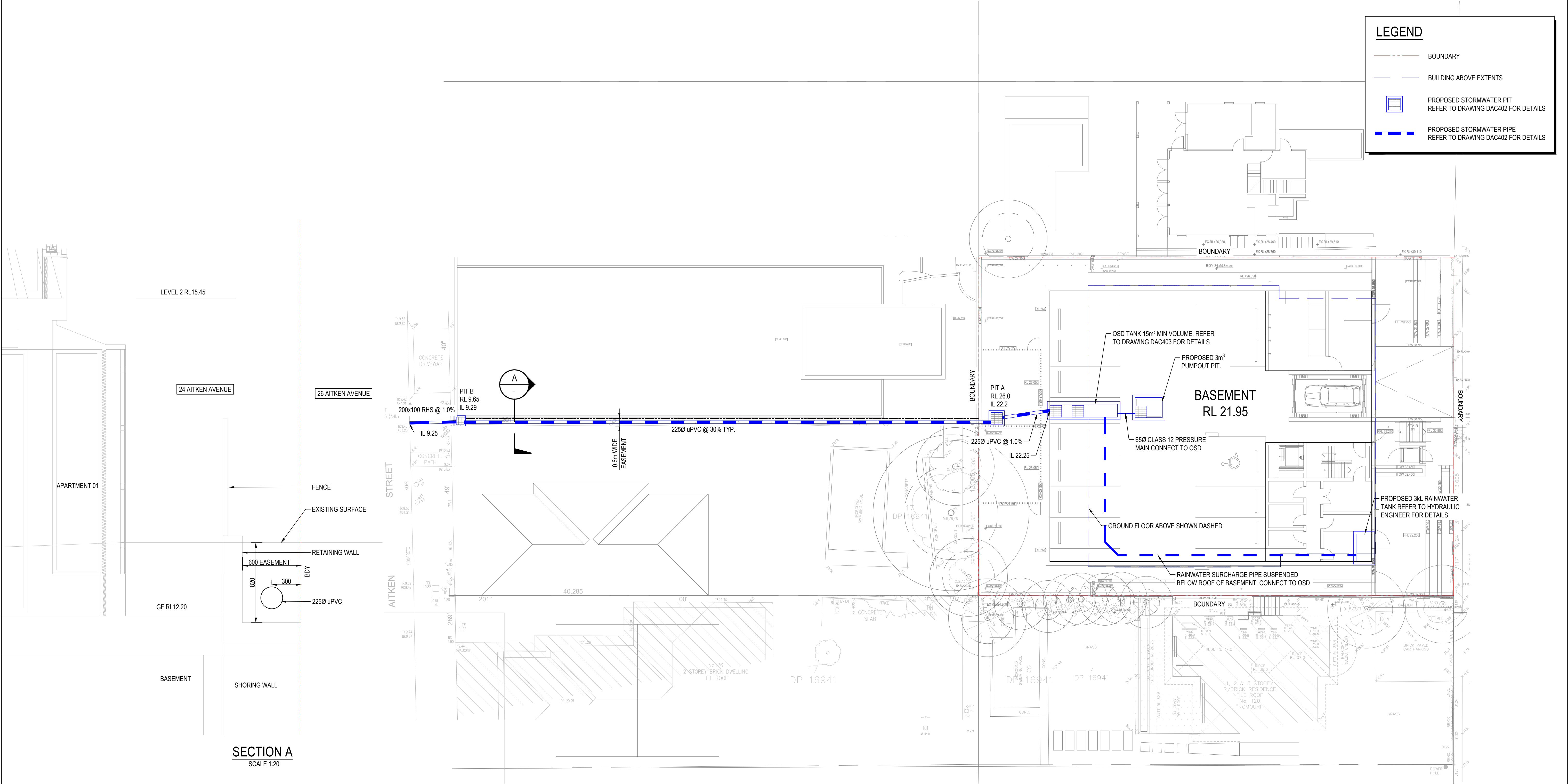


SEDIMENT CONTROL FENCE
N.T.S.



TEMPORARY CONSTRUCTION
VEHICLE EXIT
N.T.S.

REVISIONS:				SCALE BAR			 van der Meer Consulting www.vandermeer.com.au ST LEONARDS NSW 2065 Telephone 61-2-9436 0433 Fax 61-2-9436 1370 A.B.N. 56 158 266 301	CLIENT KRISTOFFER HARVEY	PROJECT TITLE 122-124 QUEENSLIFF ROAD QUEENSLIFF	DRAWING STATUS APPROVAL ISSUE NOT TO BE USED FOR CONSTRUCTION									
No.	FOR APPROVAL	REVISION DESCRIPTION	DRAWN	DATE	SCALE 1:500					COPYRIGHT © THE DRAWING IS COPYRIGHT AND THE PROPERTY OF VAN DER MEER (NSW) PTY LTD. IT MUST NOT BE REPRODUCED, COPIED OR USED WITHOUT THE AUTHORITY OF VAN DER MEER (NSW) PTY LTD.	WHERE THE DRAWING HAS BEEN ALTERED, AMENDED OR CHANGED EITHER MANUALLY OR ELECTRONICALLY BY ANY THIRD PARTY, THIS IS AN UNCONTROLLED DOCUMENT ISSUED FOR INFORMATION PURPOSES ONLY. UNLESS NOTED, DIMENSIONS TAKE PRECEDENCE OVER SCALES. DO NOT SCALE REDUCED SIZE DRAWINGS. VERIFY DIMENSIONS PRIOR TO COMMENCING ANY ON-SITE OR OFF-SITE WORKS OR FABRICATION. IF IN DOUBT - ASK.	ARCHITECT ESS LIFESTYLE PTY LTD 24/13-29 NICHOLS STREET, SURRY HILLS	DRAWING TITLE EROSION AND SEDIMENT CONTROL	JOB No. SY222-006	DRAWING No. DAC201	REVISION A			
A	FOR APPROVAL	RG	21.10.22																
				SCALE 1:500		COPYRIGHT © THE DRAWING IS COPYRIGHT AND THE PROPERTY OF VAN DER MEER (NSW) PTY LTD. IT MUST NOT BE REPRODUCED, COPIED OR USED WITHOUT THE AUTHORITY OF VAN DER MEER (NSW) PTY LTD.		WHERE THE DRAWING HAS BEEN ALTERED, AMENDED OR CHANGED EITHER MANUALLY OR ELECTRONICALLY BY ANY THIRD PARTY, THIS IS AN UNCONTROLLED DOCUMENT ISSUED FOR INFORMATION PURPOSES ONLY. UNLESS NOTED, DIMENSIONS TAKE PRECEDENCE OVER SCALES. DO NOT SCALE REDUCED SIZE DRAWINGS. VERIFY DIMENSIONS PRIOR TO COMMENCING ANY ON-SITE OR OFF-SITE WORKS OR FABRICATION. IF IN DOUBT - ASK.		ARCHITECT ESS LIFESTYLE PTY LTD 24/13-29 NICHOLS STREET, SURRY HILLS		DRAWING TITLE EROSION AND SEDIMENT CONTROL		JOB No. SY222-006		DRAWING No. DAC201		REVISION A	



SECTION A
SCALE 1:20

PLAN
SCALE 1:150

LEGEND

BOUNDARY

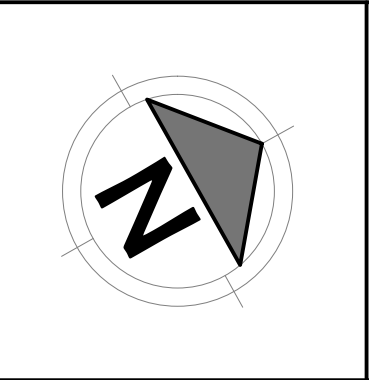
BUILDING ABOVE EXTENTS

PROPOSED STORMWATER PIT
REFER TO DRAWING DAC402 FOR DETAILS

PROPOSED STORMWATER PIPE
REFER TO DRAWING DAC402 FOR DETAILS

REVISIONS:			
No.	REVISION DESCRIPTION	DRAWN	DATE
D	FOR APPROVAL	NT	05.05.23
C	FOR APPROVAL	RG	21.10.22
B	PRELIMINARY	RG	22.03.22
A	PRELIMINARY	RG	11.03.22

SCALE BAR
0 3 6 9 12 15m
SCALE 1:150



van der Meer Consulting

van der meer

LEVEL 6, 39 CHANDOS STREET
ST LEONARDS NSW 2065
Telephone 61-2-9436 0433 Fax 61-2-9436 1370

www.vandermeer.com.au
van der Meer (NSW) Pty Ltd
A.B.N. 56 158 266 301

CLIENT

KRISTOFFER HARVEY

ARCHITECT

ESS LIFESTYLE PTY LTD
24/13-29 NICHOLS STREET, SURRY HILLS

PROJECT TITLE

122-124 QUEENSCLIFF ROAD
QUEENSCLIFF

DRAWING TITLE

DRAINAGE LAYOUT

DRAWING STATUS

APPROVAL ISSUE
NOT TO BE USED FOR CONSTRUCTION

PROJECT LEADER
AW

DRAFTSPERSON
RC

JOB No.
SY222-006

DESIGNER
NT

SCALE
AS SHOWN

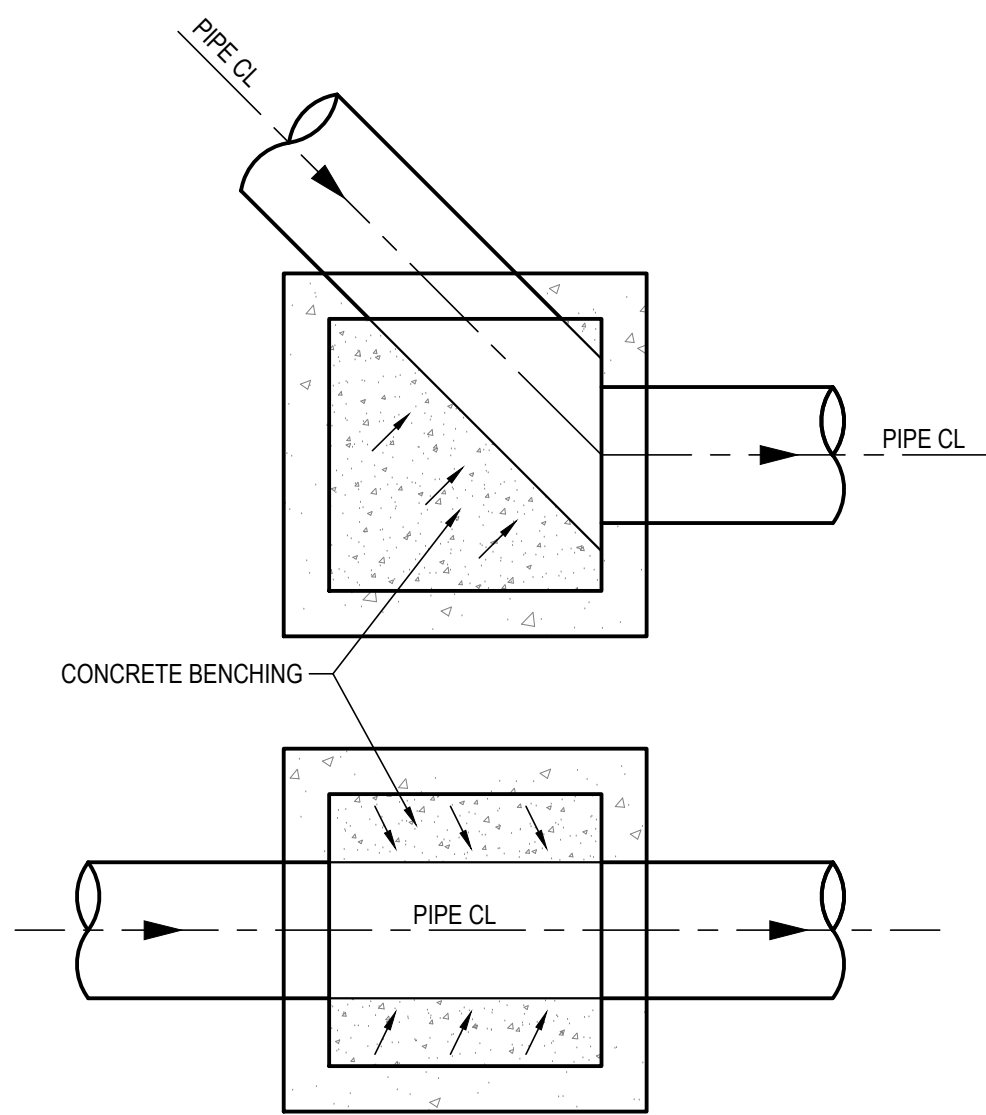
DRAWING No.
DAC401

SIGNATURE

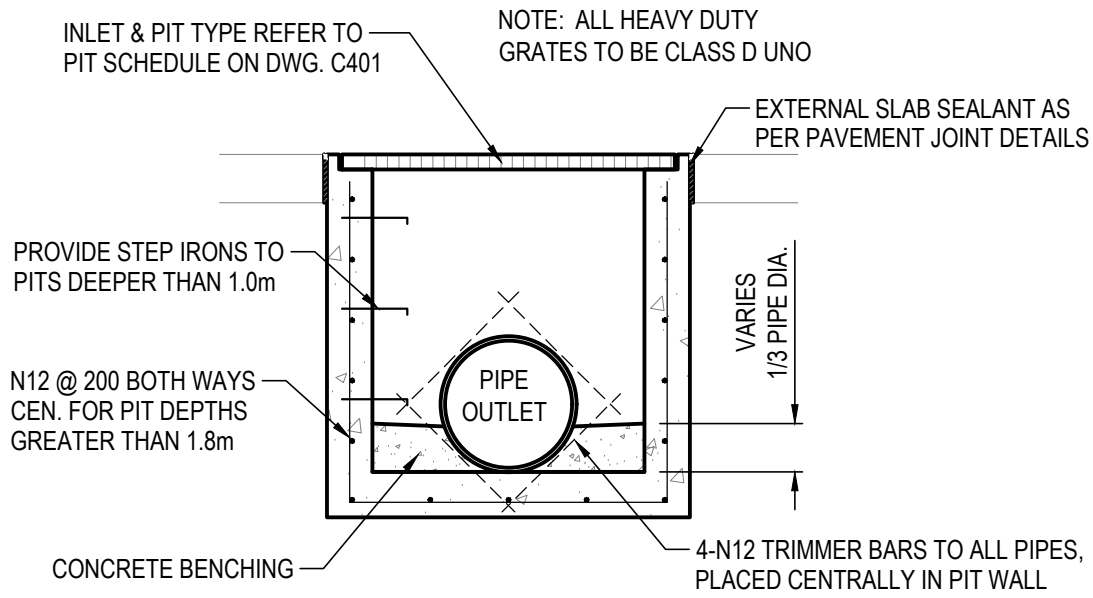
DATE
OCT 2022

REVISION
D

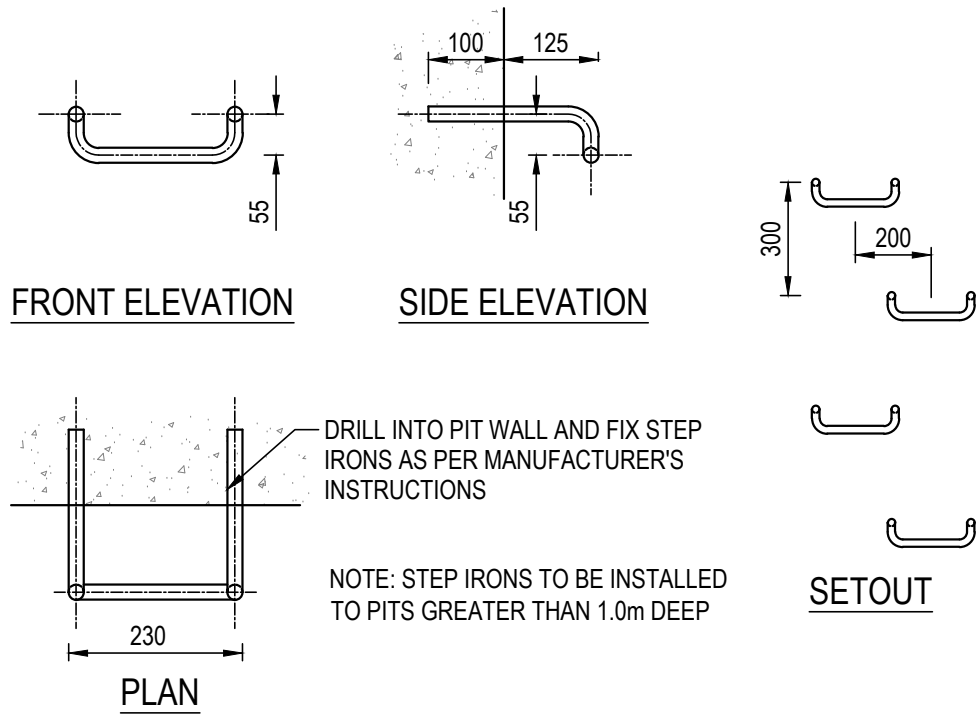
SHEET SIZE
A1



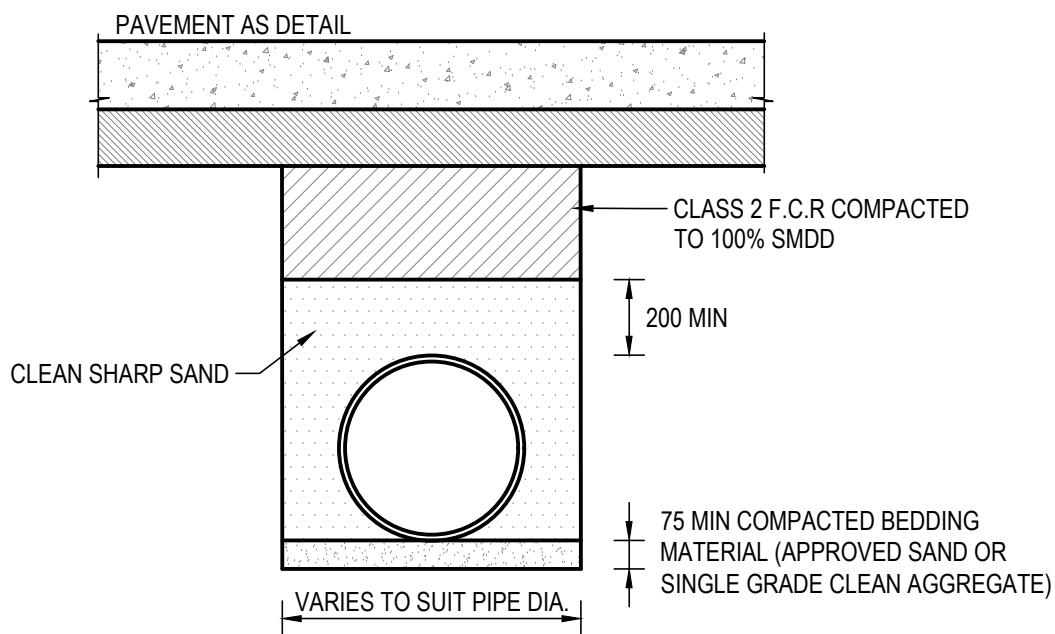
TYPICAL CONCRETE BENCHING
SCALE 1:25



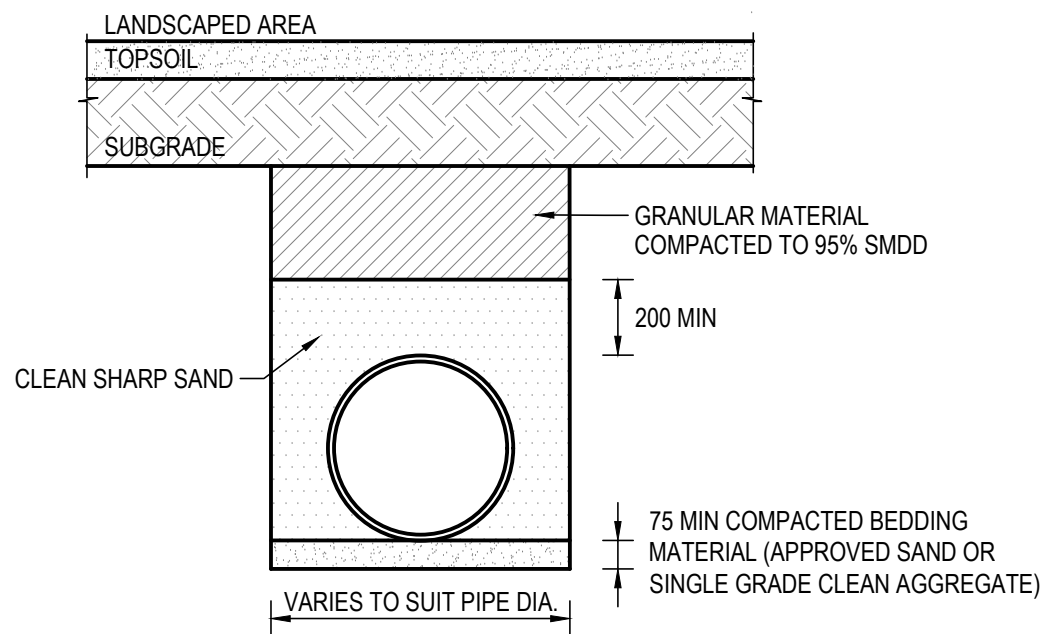
TYPICAL INLET PIT & JUNCTION PIT
SCALE 1:25



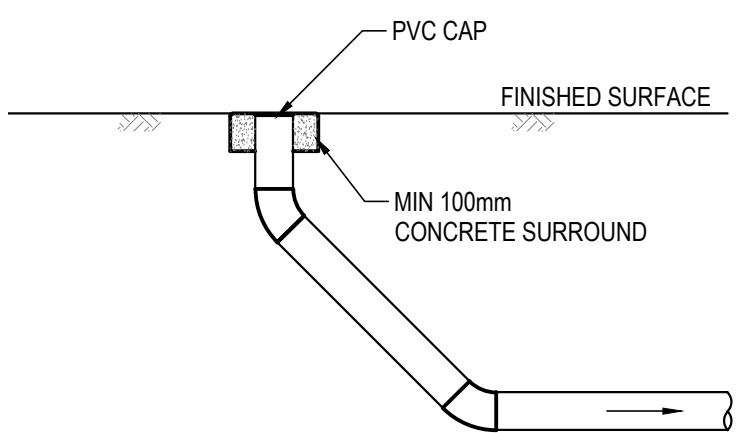
TYPICAL STEP IRON DETAIL
NTS



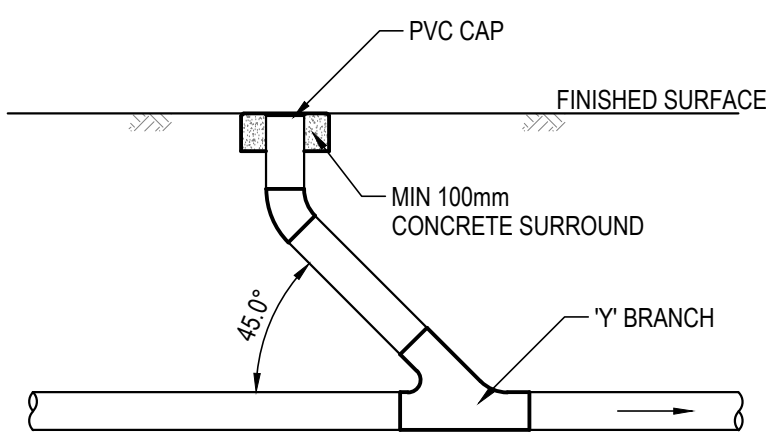
UNDER PAVEMENT PIPE BEDDING
NTS



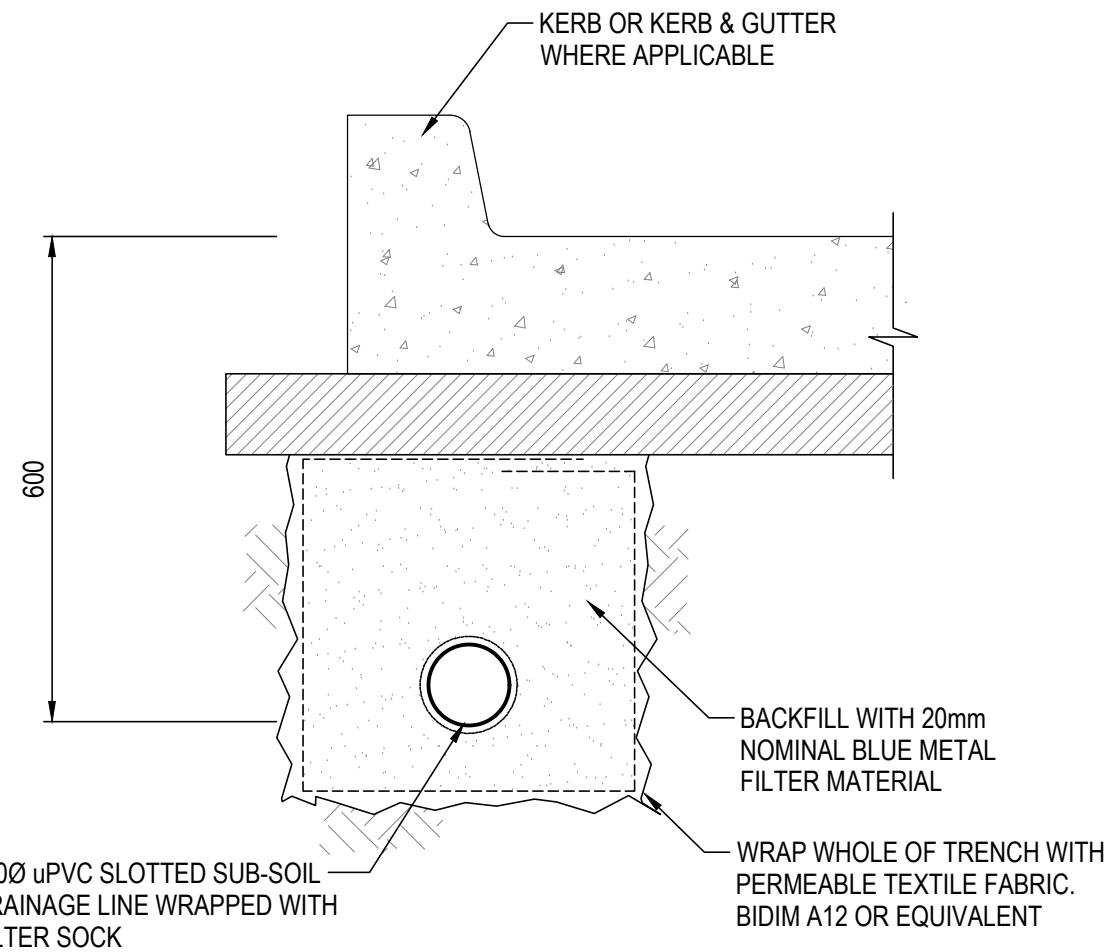
UNDER LANDSCAPING PIPE BEDDING
NTS



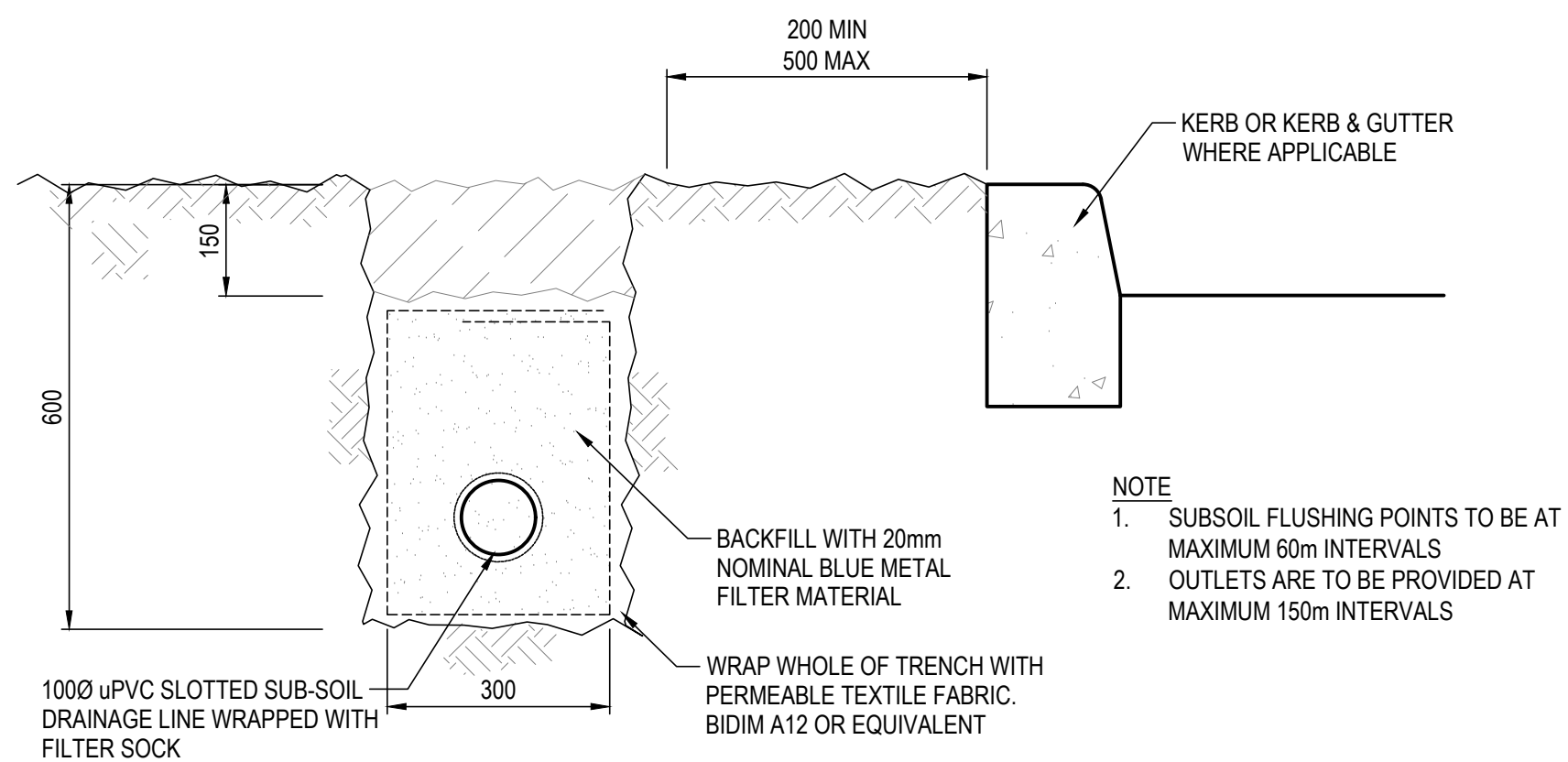
FLUSH POINT DETAIL
SCALE 1:20



FLUSH POINT DETAIL (INLINE)
SCALE 1:20

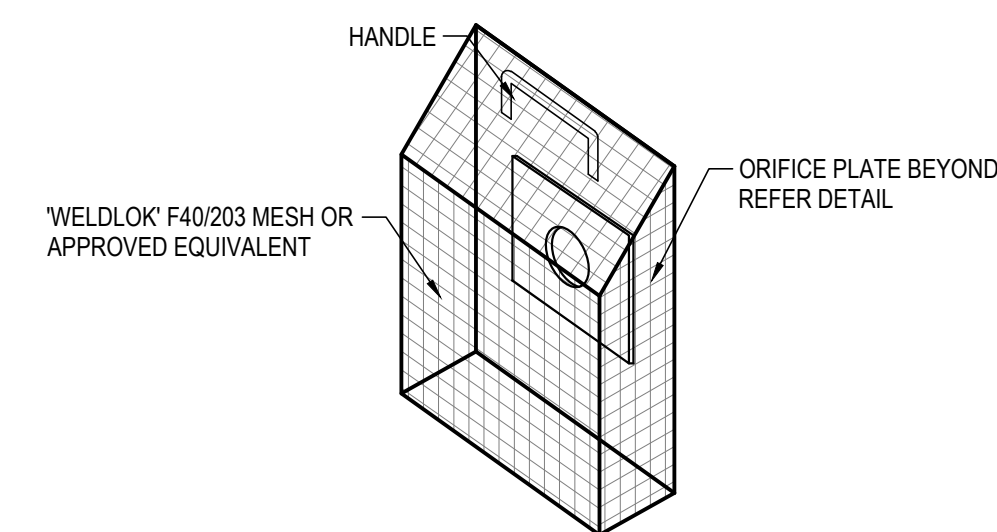
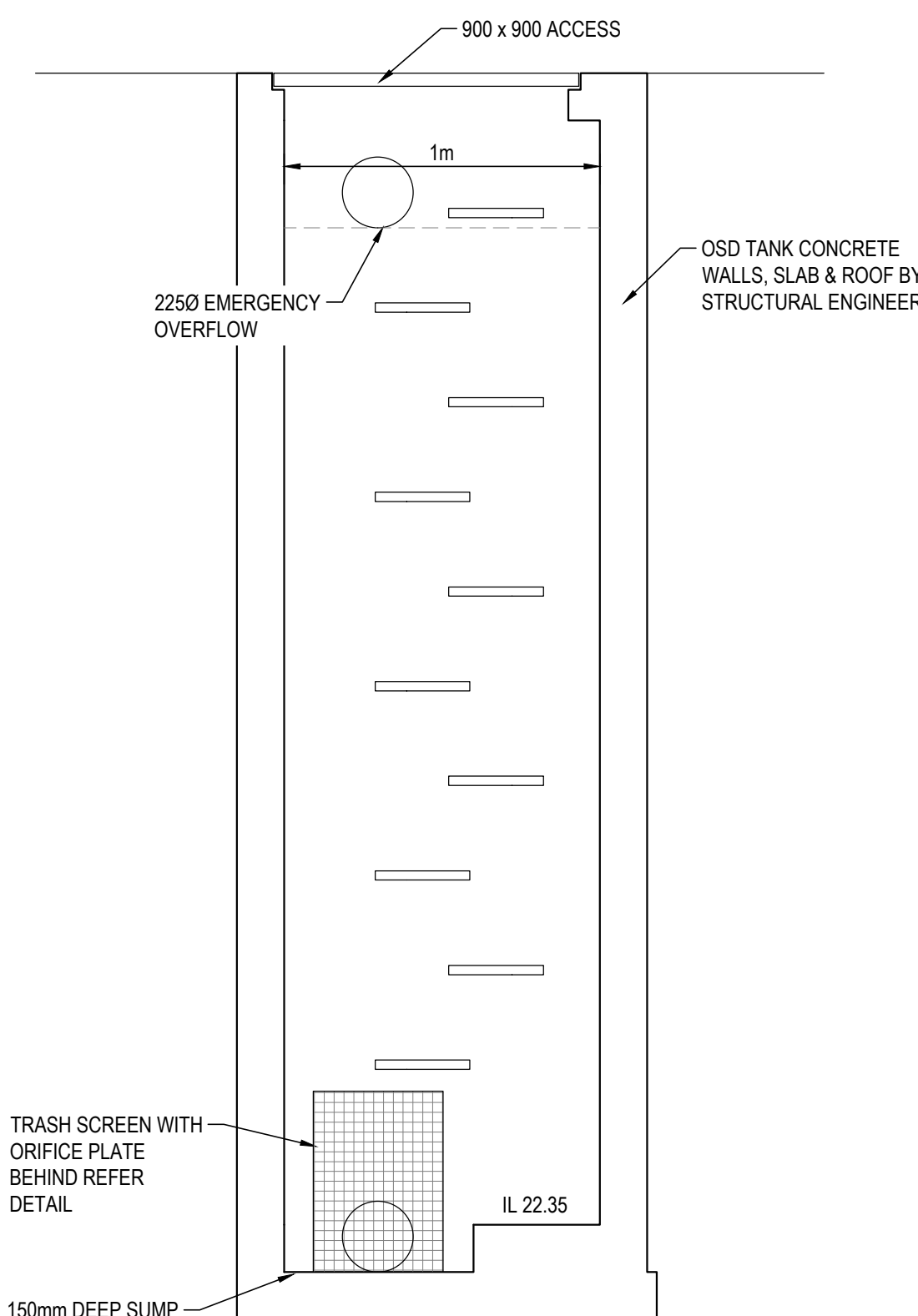


SUB-SOIL DRAIN DETAIL
SCALE 1:10



SUB-SOIL DRAIN DETAIL
SCALE 1:10

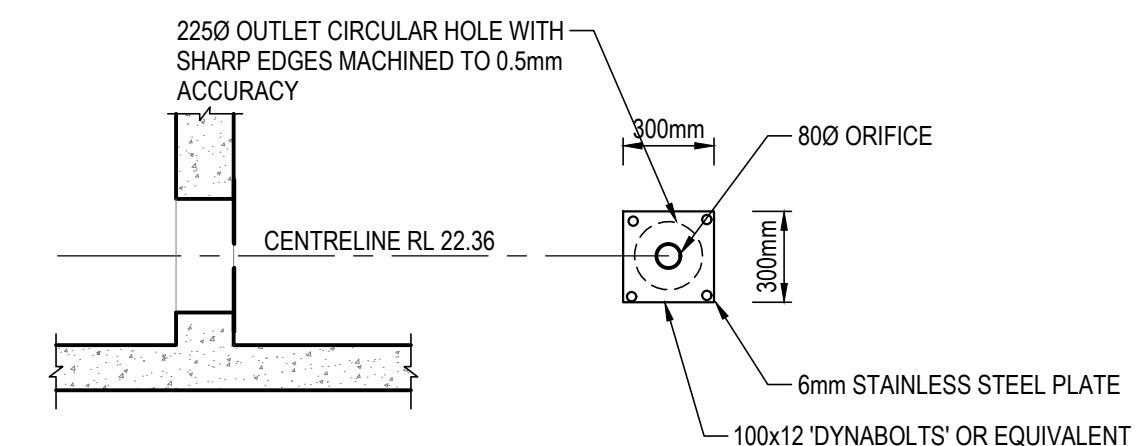
REVISIONS:				SCALE BAR 0123451m1.52m SCALE 1:20 0123451m1.52m SCALE 1:25		van der Meer Consulting van der meer LEVEL 6, 39 CHANDOS STREET ST LEONARDS NSW 2055 Telephone 61-2-9436 0433 Fax 61-2-9436 1370 A.B.N. 56 158 266 301 www.vandermeer.com.au van der Meer (NSW) Pty Ltd		CLIENT KRISTOFFER HARVEY		PROJECT TITLE 122-124 QUEENSCLIFF ROAD QUEENSLIFF -		DRAWING STATUS APPROVAL ISSUE NOT TO BE USED FOR CONSTRUCTION							
								PROJECT LEADER AW		DESIGNER NT		SIGNATURE							
								ARCHITECT ESS LIFESTYLE PTY LTD 24/13-29 NICHOLS STREET, SURRY HILLS		DRAWING TITLE DRAINAGE DETAILS SHEET 1		DRAFTSPERSON RC		SCALE AS SHOWN		DATE OCT 2022		SHEET SIZE A1	
No				FOR APPROVAL		RG		21.10.22				JOB NO: SY222-006		DRAWING NO: C402		REVISION: A			
A				REVISION DESCRIPTION		DRAWN		DATE											



NTS

MESH TYPE	MESH SCREEN AREA
LYSAGHT RH3030 FOR ORIFICE 150Ø OR LESS	>50x ORIFICE DIA
'WELDLOK' F40/203 FOR ORIFICE GREATER THAN 150Ø	>20x ORIFICE DIA

NOTE: SCREEN AREA INCLUDES SIDES WHERE APPLICABLE



SCALE 1:25



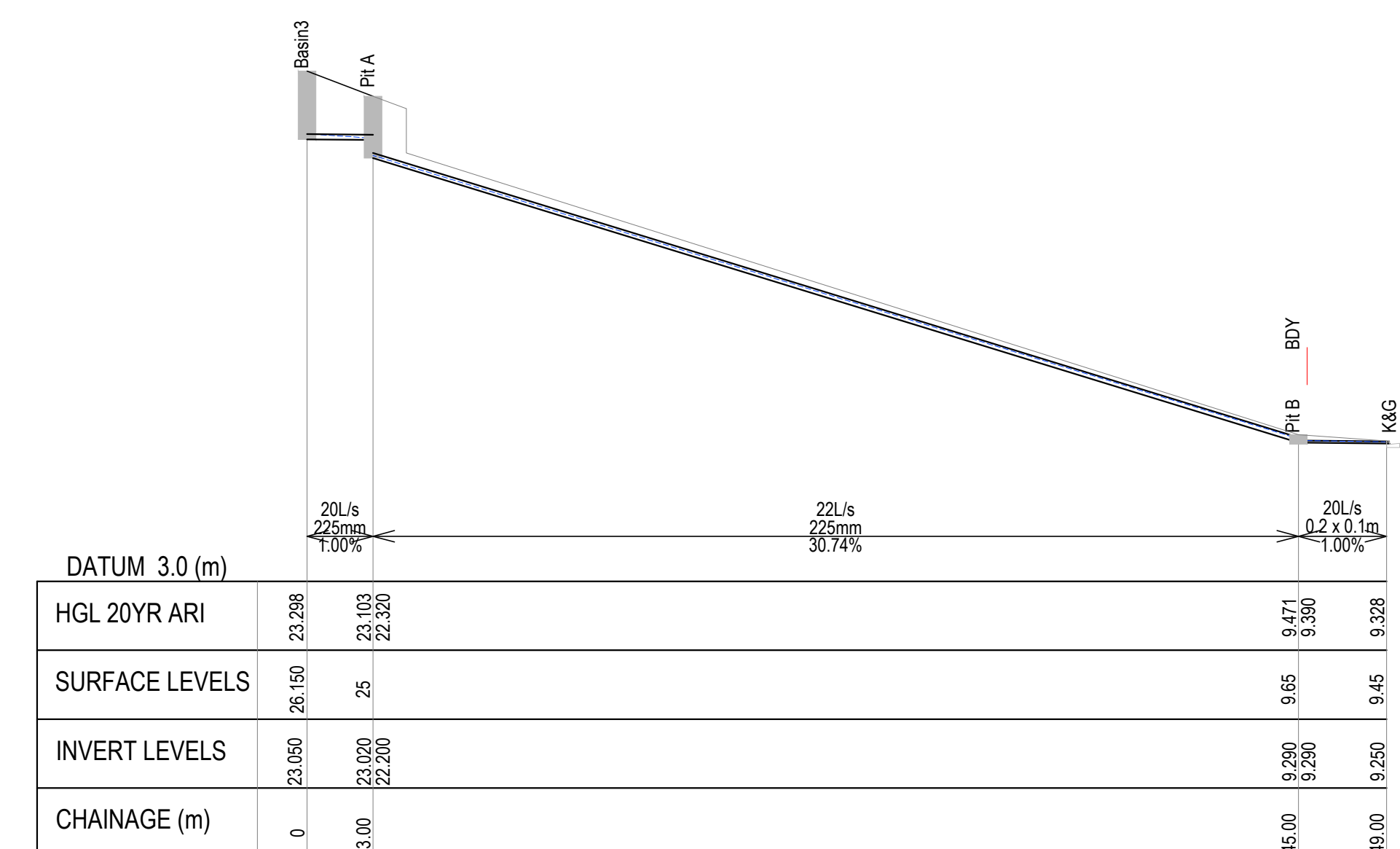
Urban (950) [Mixed] SF Chamber (3.0m2 MIN.) 6 x 690mm Psorb StormFilter (MCC) Junction

Treatment Train Effectiveness - Junction

	Sources	Residual Load	% Reduction
Flow (ML/yr)	0.787	0.787	0
Total Suspended Solids (kg/yr)	146	21	85.6
Total Phosphorus (kg/yr)	0.234	0.0508	78.3
Total Nitrogen (kg/yr)	1.74	0.844	51.4
Gross Pollutants (kg/yr)	19.2	0	100

NOTE:

1. RESULTS AS PER MUSIC OUTPUT
2. CALCULATIONS DO NOT CONSIDER RAINWATER REUSE
3. RESULTS SATISFY NORTHERN BEACHES COUNCIL WSUD REQUIREMENT



SCALE 1:250(H) 1:1(H:V)

[illegible]