

EROSION AND SEDIMENT CONTROL NOTES

- ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH:-
 - LOCAL AUTHORITY REQUIREMENTS.
 - EPA POLLUTION CONTROL MANUAL FOR URBAN STORMWATER.
 - LANDCOM NSW - MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION ("BLUE BOOK").
- EROSION AND SEDIMENT CONTROL DRAWINGS AND NOTES ARE PROVIDED FOR THE WHOLE OF THE WORKS. SHOULD THE CONTRACTOR STAGE THESE WORKS THEN THE DESIGN MAY BE REQUIRED TO BE MODIFIED. VARIATION TO THESE DETAILS MAY REQUIRE APPROVAL BY THE RELEVANT AUTHORITIES. THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE IMPLEMENTED AND ADAPTED TO MEET THE VARYING SITUATIONS AS WORK ON SITE PROGRESSES.
- MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
- WHEN STORMWATER PITS ARE CONSTRUCTED PREVENT SITE RUNOFF ENTERING THE PITS UNLESS SILT FENCES ARE ERECTED AROUND PITS.
- MINIMISE THE AREA OF SITE BEING DISTURBED AT ANY ONE TIME.
- PROTECT ALL STOCKPILES OF MATERIALS FROM SCOUR AND EROSION. DO NOT STOCKPILE LOOSE MATERIAL IN ROADWAYS, NEAR DRAINAGE PITS OR IN WATERCOURSES.
- ALL SOIL AND WATER CONTROL MEASURES ARE TO BE PUT BACK IN PLACE AT THE END OF EACH WORKING DAY, AND MODIFIED TO BEST SUIT SITE CONDITIONS.
- CONTROL WATER FROM UPSTREAM OF THE SITE SUCH THAT IT DOES NOT ENTER THE DISTURBED SITE.
- ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT THE SITE VIA THE TEMPORARY CONSTRUCTION ENTRY/EXIT.
- ALL VEHICLES LEAVING THE SITE SHALL BE CLEANED AND INSPECTED BEFORE LEAVING.
- MAINTAIN ALL STORMWATER PIPES AND PITS CLEAR OF DEBRIS AND SEDIMENT. INSPECT STORMWATER SYSTEM AND CLEAN OUT AFTER EACH STORM EVENT.
- CLEAN OUT ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH STORM EVENT.

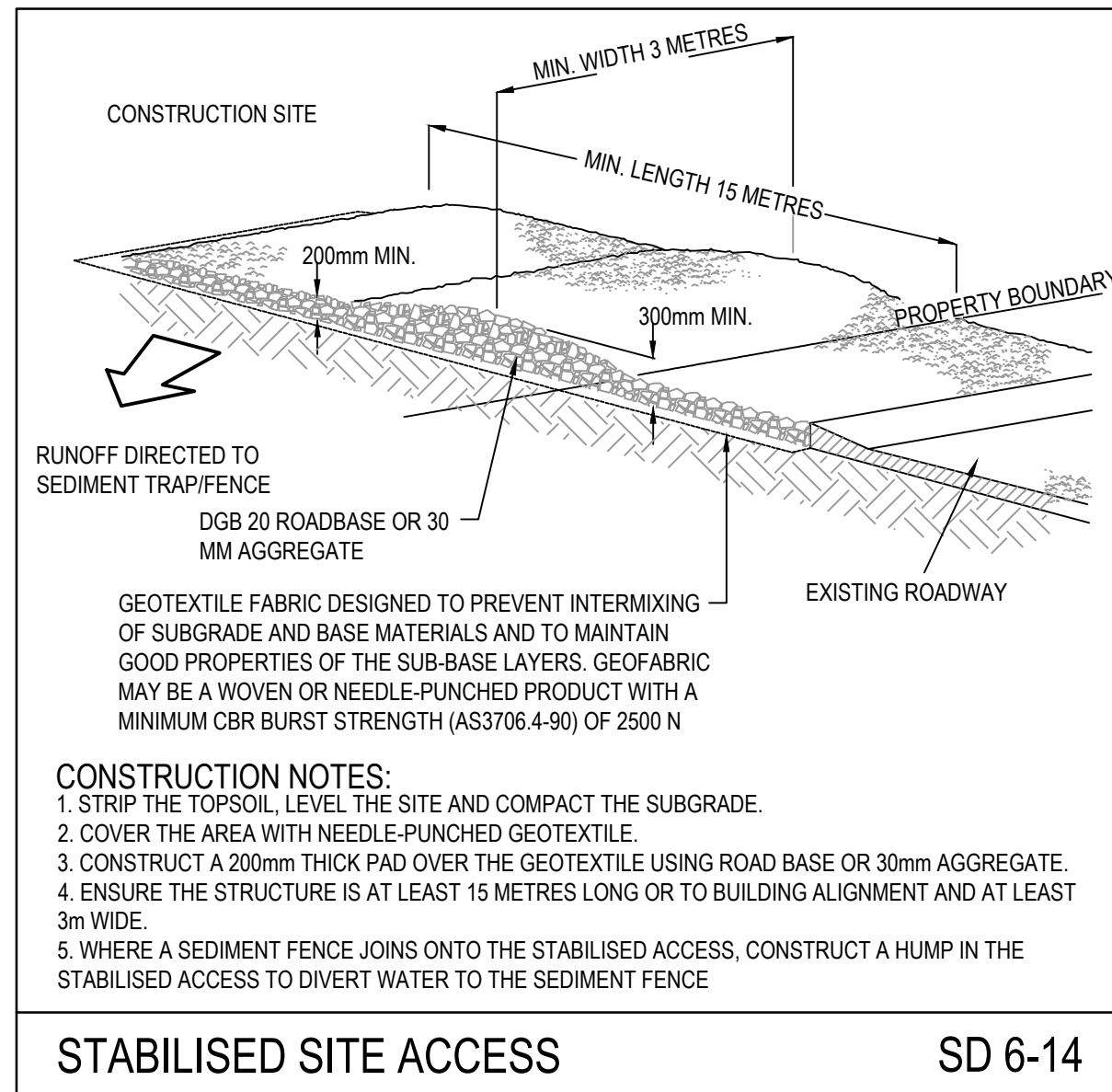
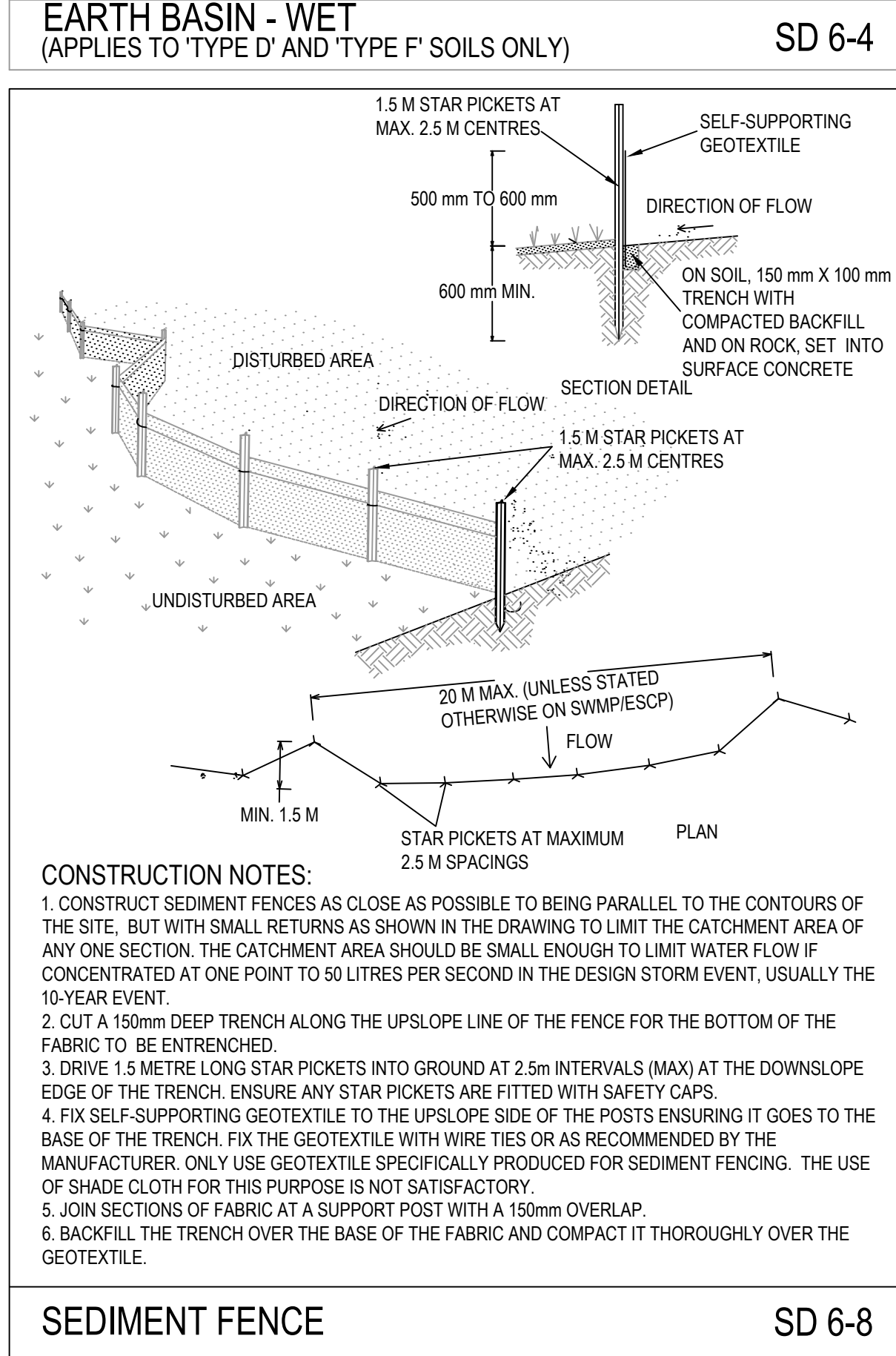
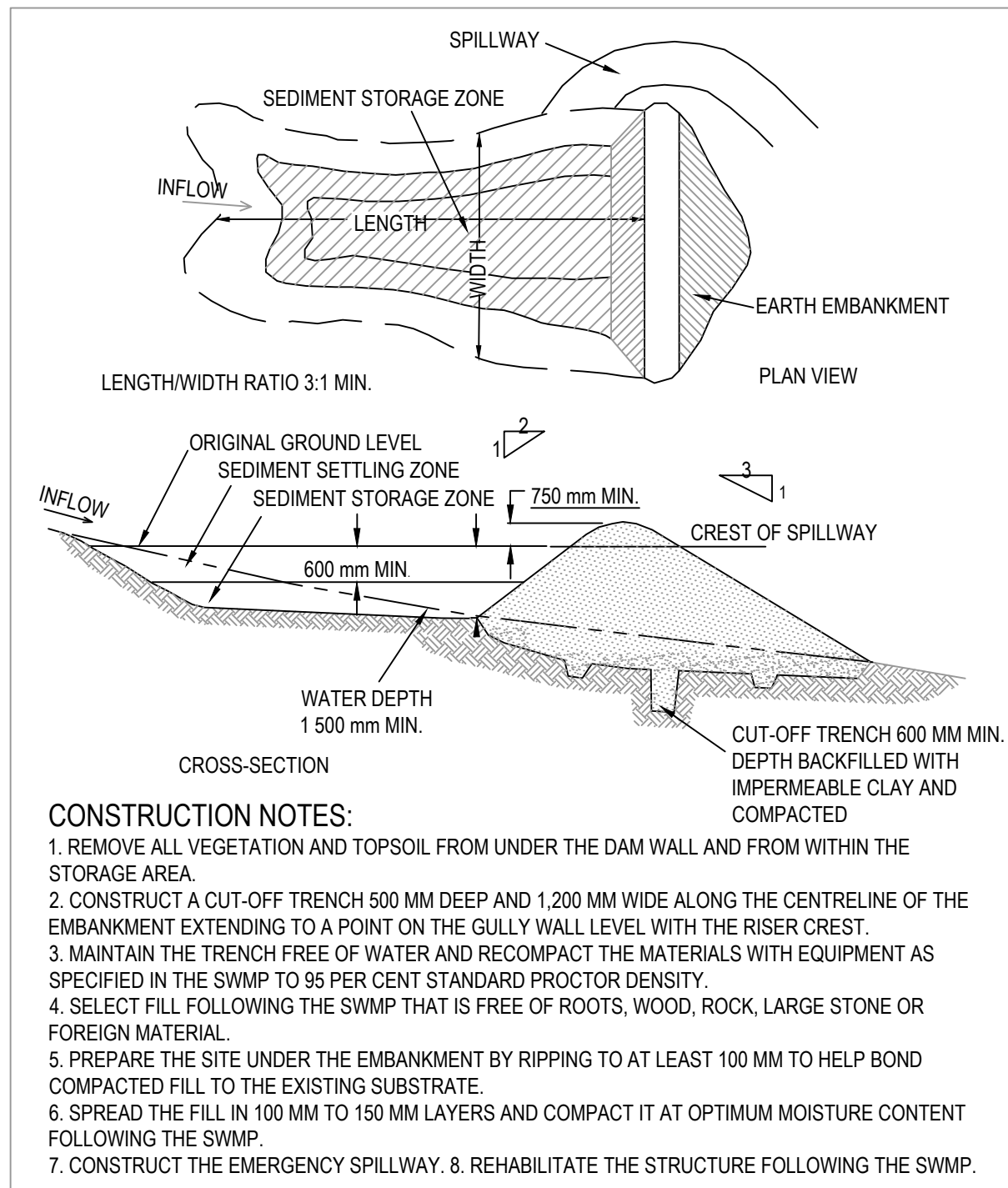
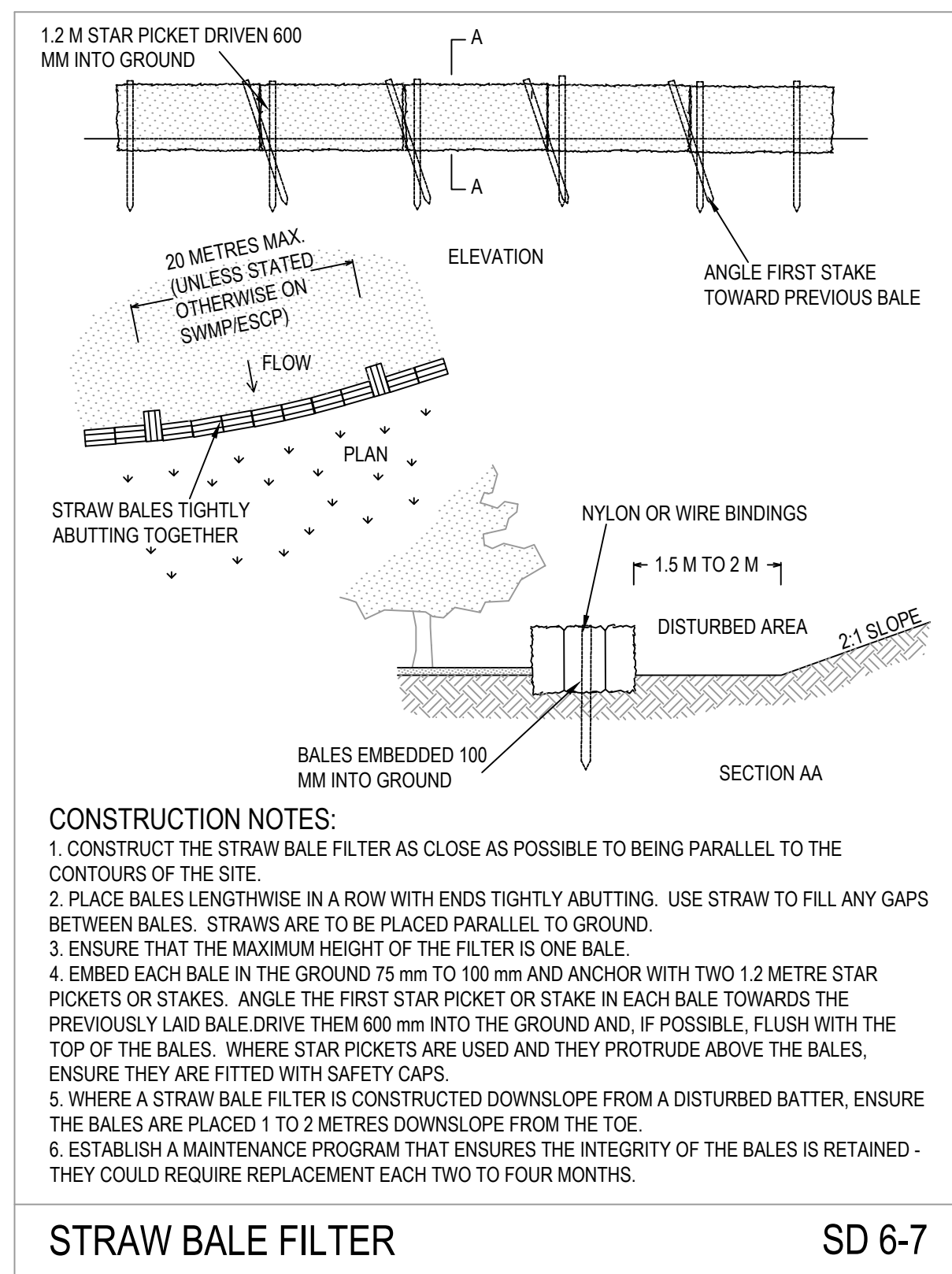
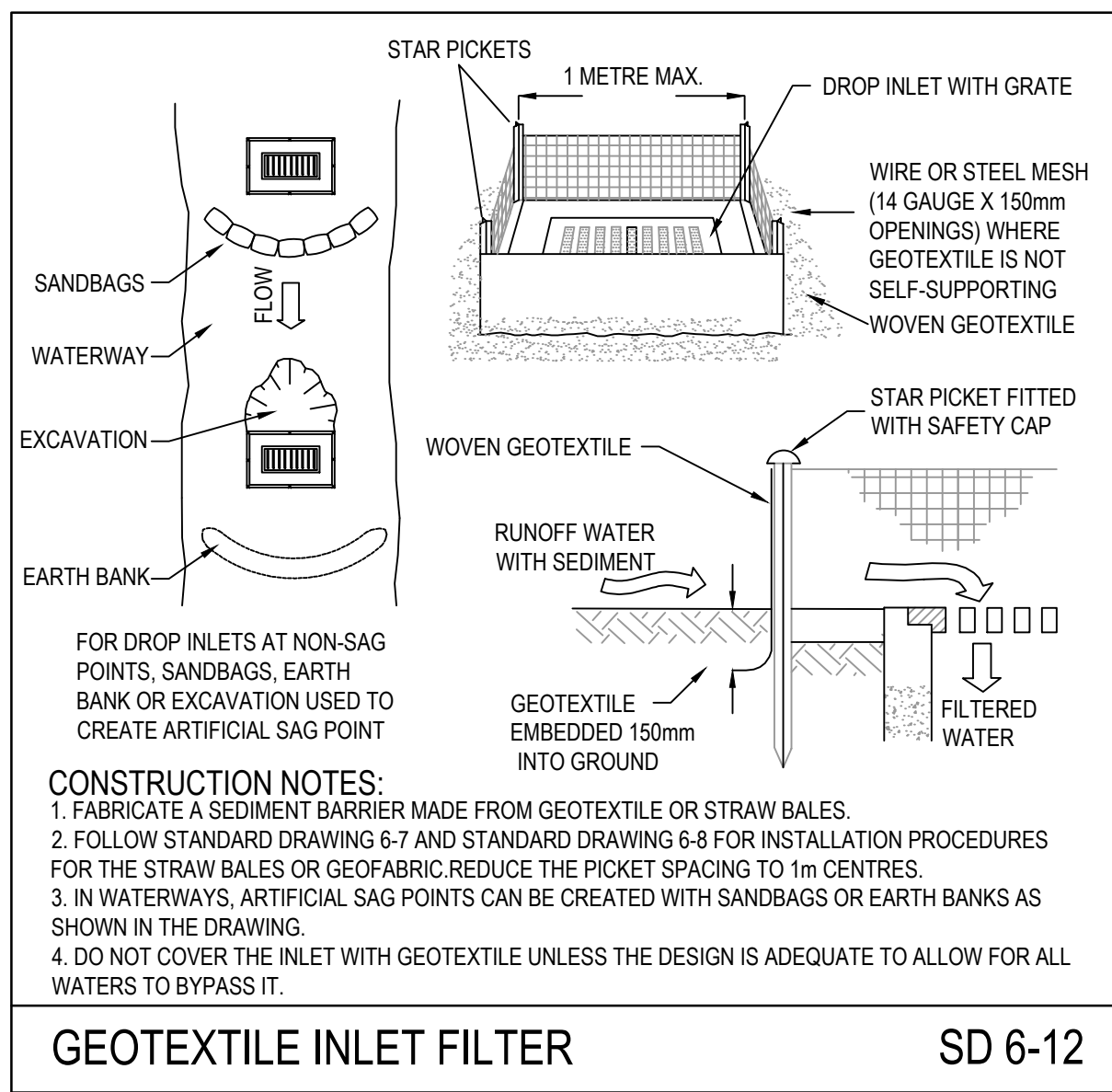
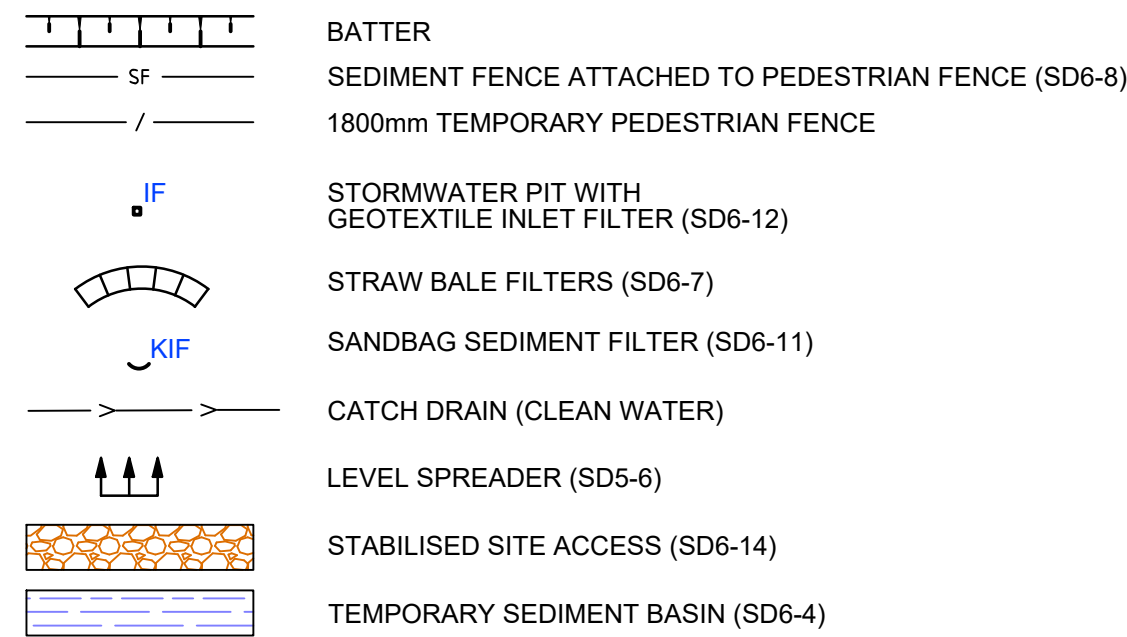
SEQUENCE OF WORKS

- PRIOR TO COMMENCEMENT OF EXCAVATION THE FOLLOWING SOIL MANAGEMENT DEVICES MUST BE INSTALLED.
 - CONSTRUCT SILT FENCES BELOW THE SITE AND ACROSS ALL POTENTIAL RUNOFF SITES.
 - CONSTRUCT TEMPORARY CONSTRUCTION ENTRY/EXIT AND DIVERT RUNOFF TO SUITABLE CONTROL SYSTEMS.
 - CONSTRUCT MEASURES TO DIVERT UPSTREAM FLOWS INTO EXISTING STORMWATER SYSTEM.
 - CONSTRUCT SEDIMENTATION TRAPS/BASIN INCLUDING OUTLET CONTROL AND OVERFLOW.
 - CONSTRUCT TURF LINED SWALES.
 - PROVIDE SANDBAG SEDIMENT TRAPS UPSTREAM OF EXISTING PITS.
- CONSTRUCT GEOTEXTILE FILTER PIT SURROUND AROUND ALL PROPOSED PITS AS THEY ARE CONSTRUCTED.
- ON COMPLETION OF PAVEMENT PROVIDE SAND BAG KERB INLET SEDIMENT TRAPS AROUND PITS.
- PROVIDE AND MAINTAIN A STRIP OF TURF ON BOTH SIDES OF ALL ROADS AFTER THE CONSTRUCTION OF KERBS.

WATER QUALITY TESTING REQUIREMENTS

- PRIOR TO DISCHARGE OF SITE STORMWATER, GROUNDWATER AND SEEPAGE WATER INTO COUNCIL'S STORMWATER SYSTEM, CONTRACTORS MUST UNDERTAKE WATER QUALITY TESTS IN CONJUNCTION WITH A SUITABLY QUALIFIED ENVIRONMENT CONSULTANT OUTLINING THE FOLLOWING:-
 - COMPLIANCE WITH THE CRITERIA OF THE AUSTRALIAN AND NEW ZEALAND GUIDELINES FOR FRESH AND MARINE WATER QUALITY (2000)
 - IF REQUIRED SUBJECT TO THE ENVIRONMENTAL CONSULTANTS ADVICE, PROVIDE REMEDIAL MEASURES TO IMPROVE THE QUALITY OF WATER THAT IS TO BE DISCHARGED INTO COUNCILS STORM WATER DRAINAGE SYSTEM. THIS SHOULD INCLUDE COMMENTS FROM A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT CONFIRMING THE SUITABILITY OF THESE REMEDIAL MEASURES TO MANAGE THE WATER DISCHARGED FROM THE SITE INTO COUNCILS STORM WATER DRAINAGE SYSTEM. OUTLINING THE PROPOSED, ONGOING MONITORING, CONTINGENCY PLANS AND VALIDATION PROGRAM THAT WILL BE IN PLACE TO CONTINUALLY MONITOR THE QUALITY OF WATER DISCHARGED FROM THIS SITE. THIS SHOULD OUTLINE THE FREQUENCY OF WATER QUALITY TESTING THAT WILL BE UNDERTAKEN BY A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT.

EROSION AND SEDIMENT CONTROL LEGEND



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Rev	Description	Eng Draft	Date	Rev	Description	Eng Draft	Date	Rev	Description	Eng Draft	Date
0	DA SUBMISSION	ANMANM	11.12.2024								

Client: **JAMES & ANNA MARKHAM**



Project: **287 WHALE BEACH ROAD**

Drawing Title: **EROSION & SEDIMENT CONTROL DETAILS DA SUBMISSION**

Scale at A1	Drawn	Designed	Approved			
1:125	ANM	ANM	VC			
Project No	Originator	Zone	Type	Role	Sheet No.	Rev
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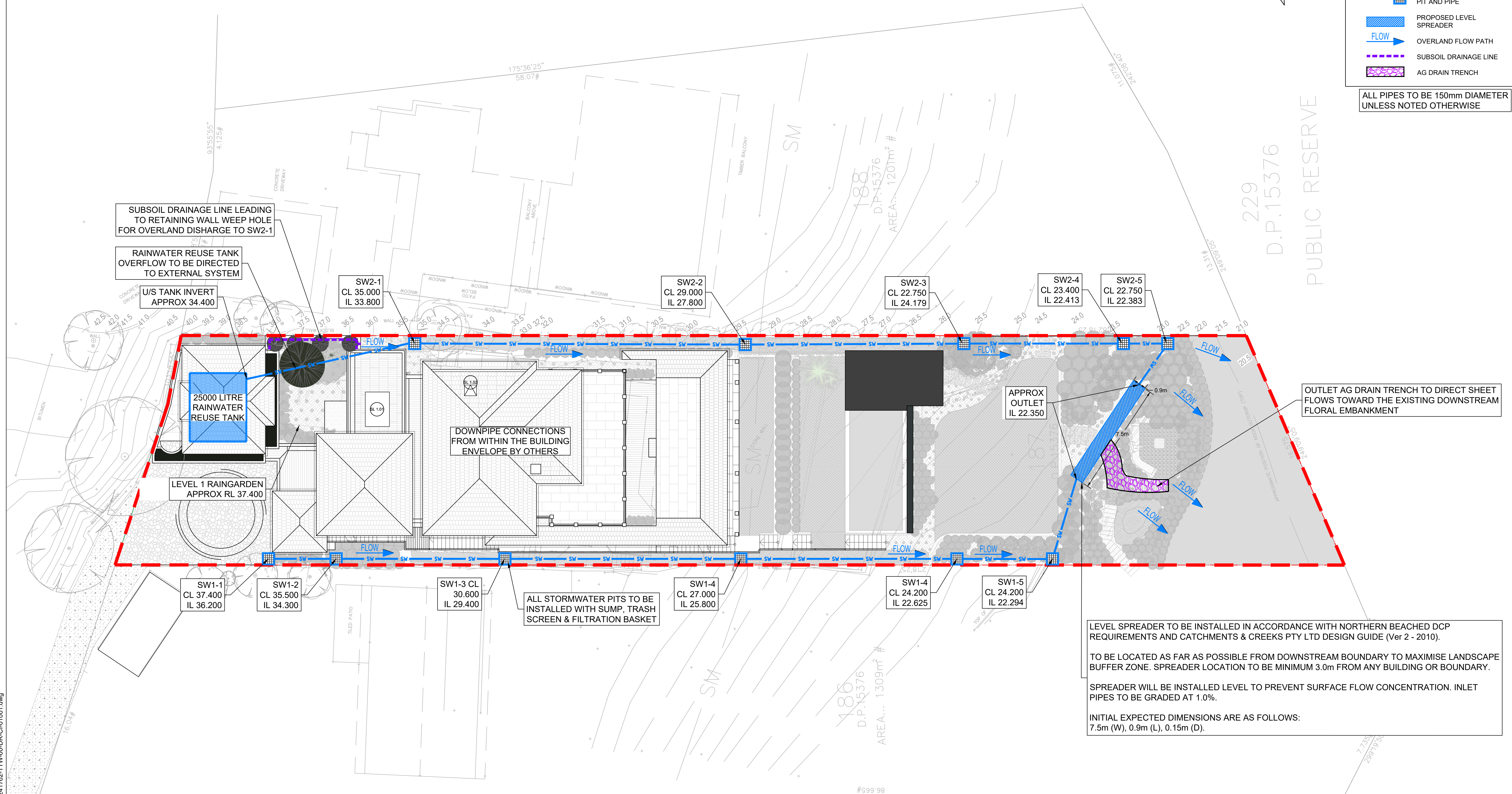
DESIGN BASED OFF THE FOLLOWING DOCUMENTS:
 - BUILDING ARCHITECTURAL LAYOUT 'DA02 - SITE PLAN + SEDIMENT CONTROL PLAN' REV A, DATED 02/12/2024 BY CADENCE & CO.
 - LANDSCAPE ARCHITECTURAL LAYOUT 'DA_01 MASTER PLAN' REV 01, DATED 11/12/2024 BY WYER & CO.
 - SURVEY 'DETAILS AND LEVELS OVER LOT 187 IN D.P. 15376 - REF 2549F' DATED 03/08/2024 BY ADAM CLERKE SURVEYORS PTY LTD.

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KEY

- SITE BOUNDARY
- SW PROPOSED DRAINAGE PIT AND PIPE
- PROPOSED LEVEL SPREADER
- FLOW OVERLAND FLOW PATH
- SUBSOIL DRAINAGE LINE
- AG DRAIN TRENCH

ALL PIPES TO BE 150mm DIAMETER UNLESS NOTED OTHERWISE



LEVEL SPREADER TO BE INSTALLED IN ACCORDANCE WITH NORTHERN BEACHED DCP REQUIREMENTS AND CATCHMENTS & CREEKS PTY LTD DESIGN GUIDE (Ver 2 - 2010).
 TO BE LOCATED AS FAR AS POSSIBLE FROM DOWNSTREAM BOUNDARY TO MAXIMISE LANDSCAPE BUFFER ZONE. SPREADER LOCATION TO BE MINIMUM 3.0m FROM ANY BUILDING OR BOUNDARY.
 SPREADER WILL BE INSTALLED LEVEL TO PREVENT SURFACE FLOW CONCENTRATION. INLET PIPES TO BE GRADED AT 1.0%.
 INITIAL EXPECTED DIMENSIONS ARE AS FOLLOWS:
 7.5m (W), 0.9m (L), 0.15m (D).

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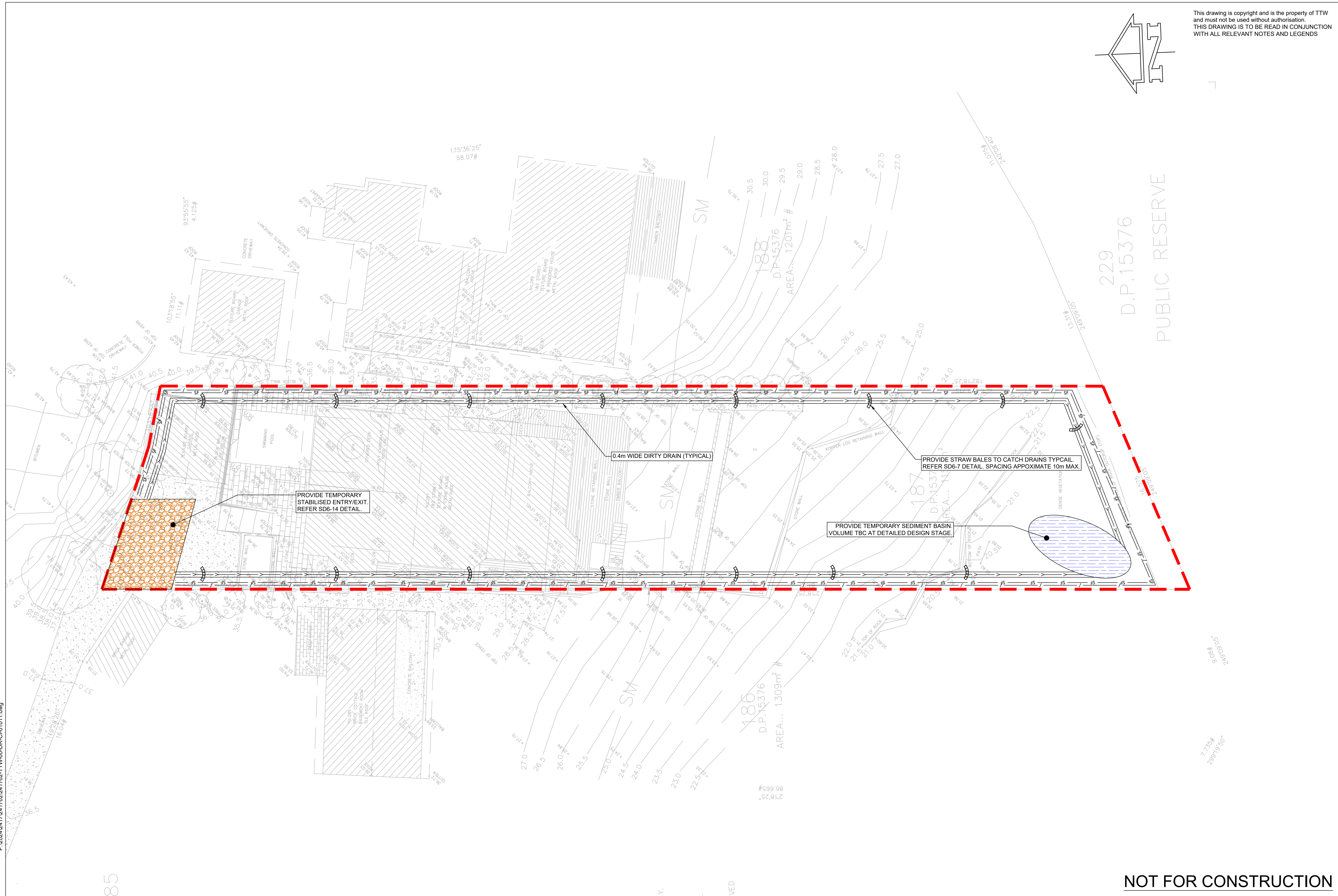
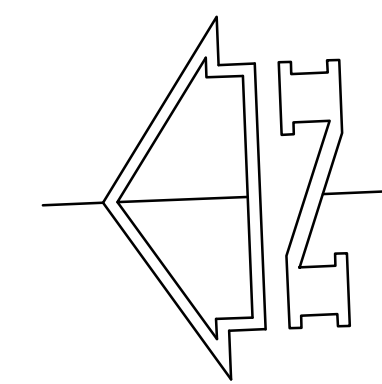
Client: **JAMES & ANNA MARKHAM**

Engineer: **TTW** Structural Civil Traffic Façade
 612 9439 7288 | Level 6, 73 Miller Street, North Sydney, NSW 2060

Project: **287 WHALE BEACH ROAD**

Drawing Title: **WATER MANAGEMENT PLAN DA SUBMISSION**

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Client:
JAMES & ANNA MARKHAM

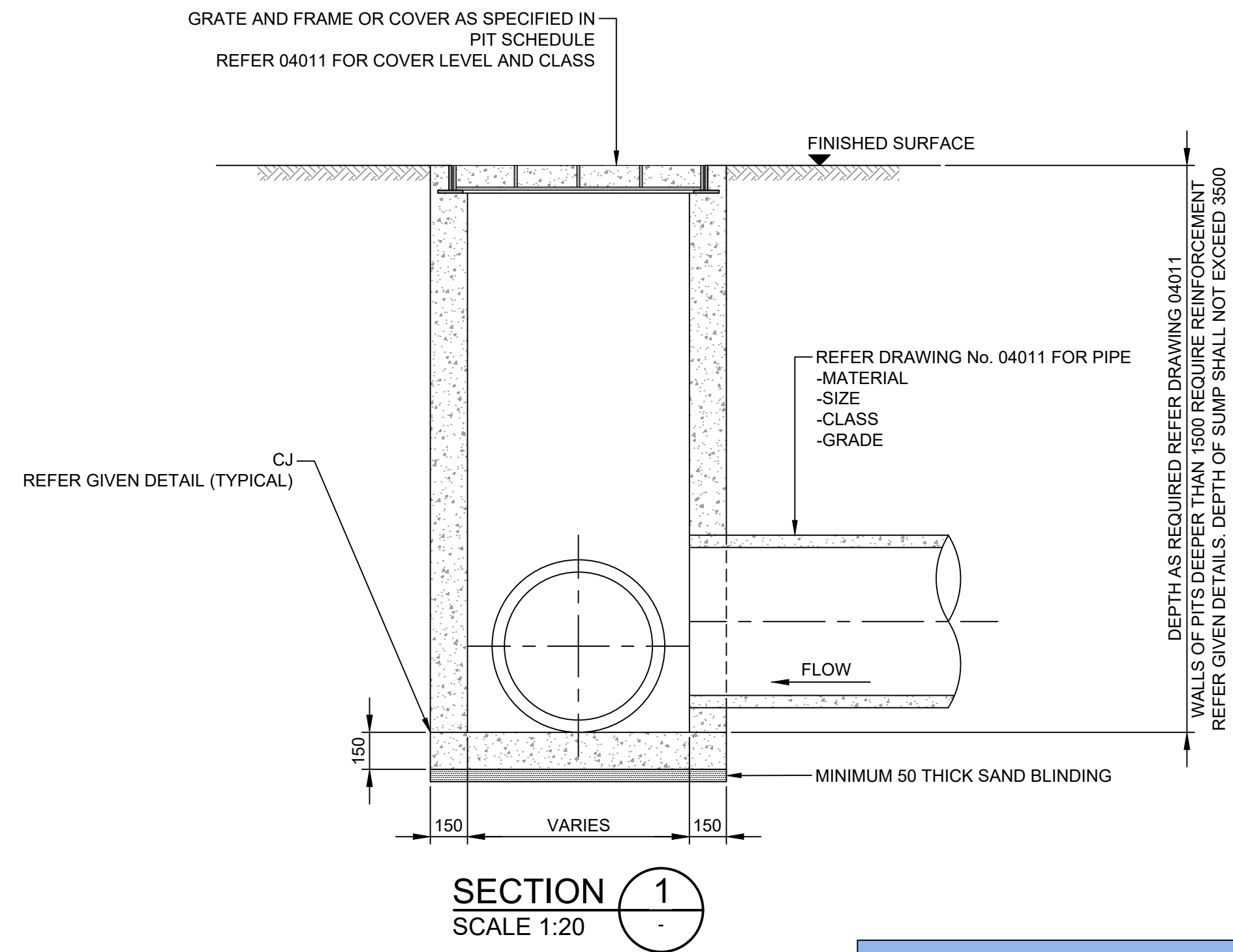
Engineer:

TTW Structural Civil Traffic Façade
 612 9439 7288 | Level 6, 73 Miller Street, North Sydney, NSW 2060

Project:
287 WHALE BEACH ROAD

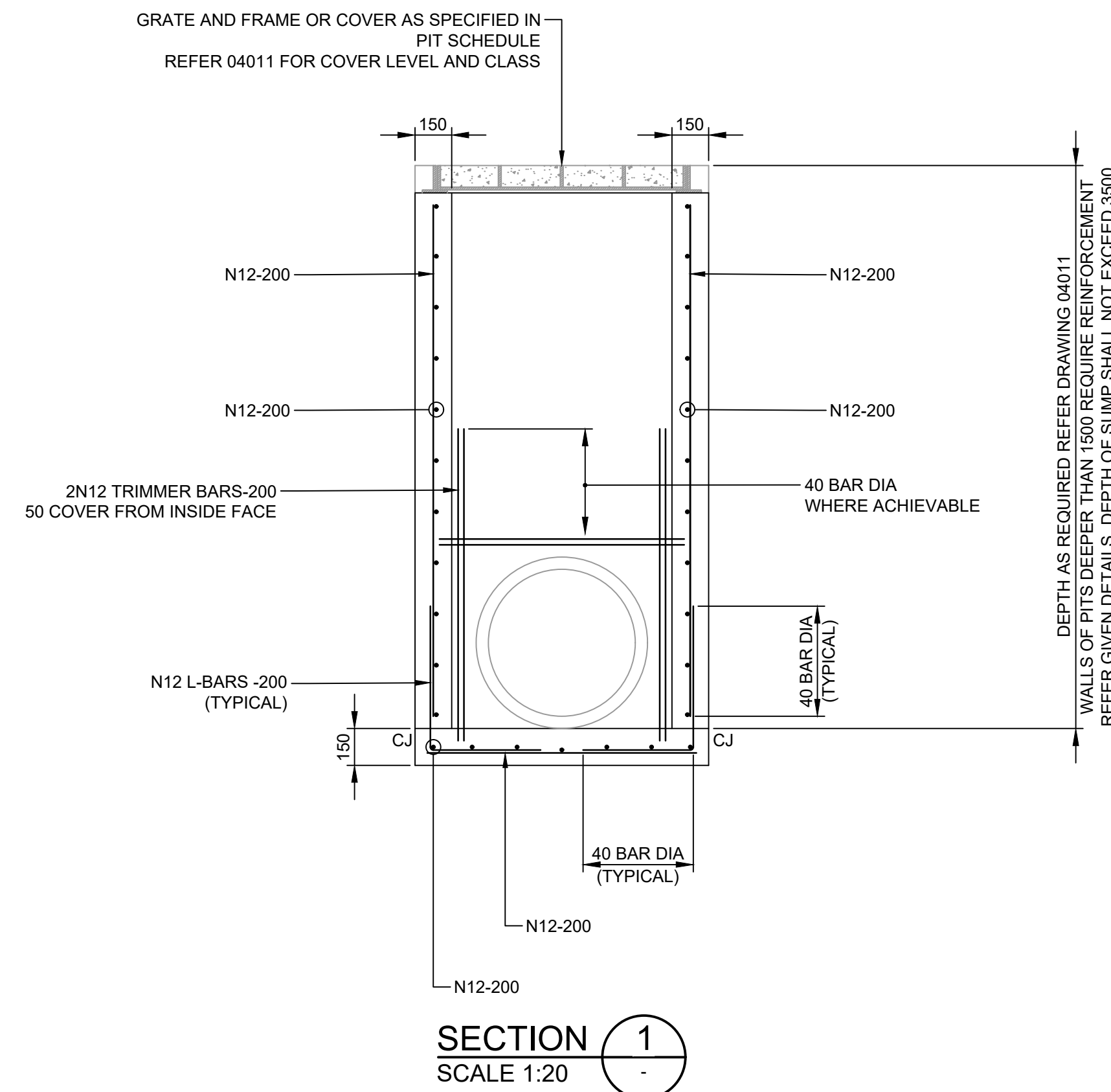
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EROSION AND SEDIMENT CONTROL PLAN DA SUBMISSION

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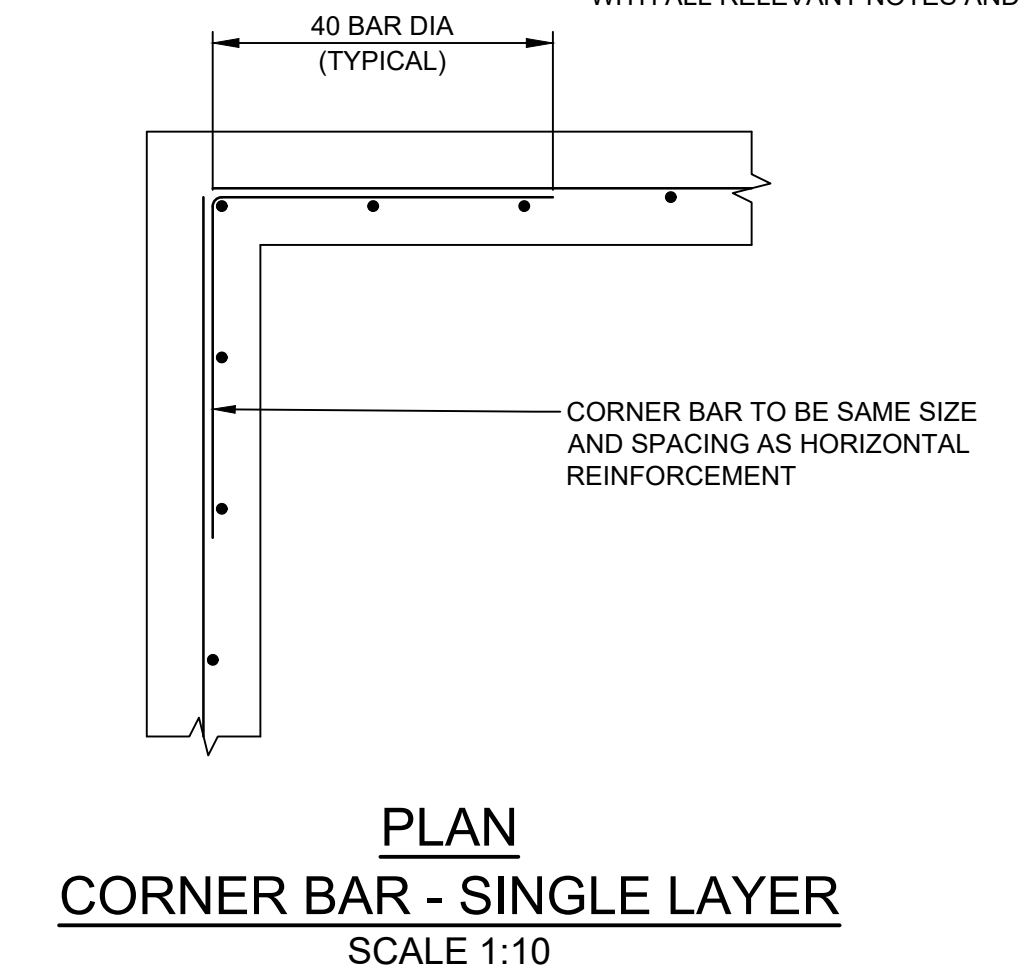


SECTION 1
SCALE 1:20

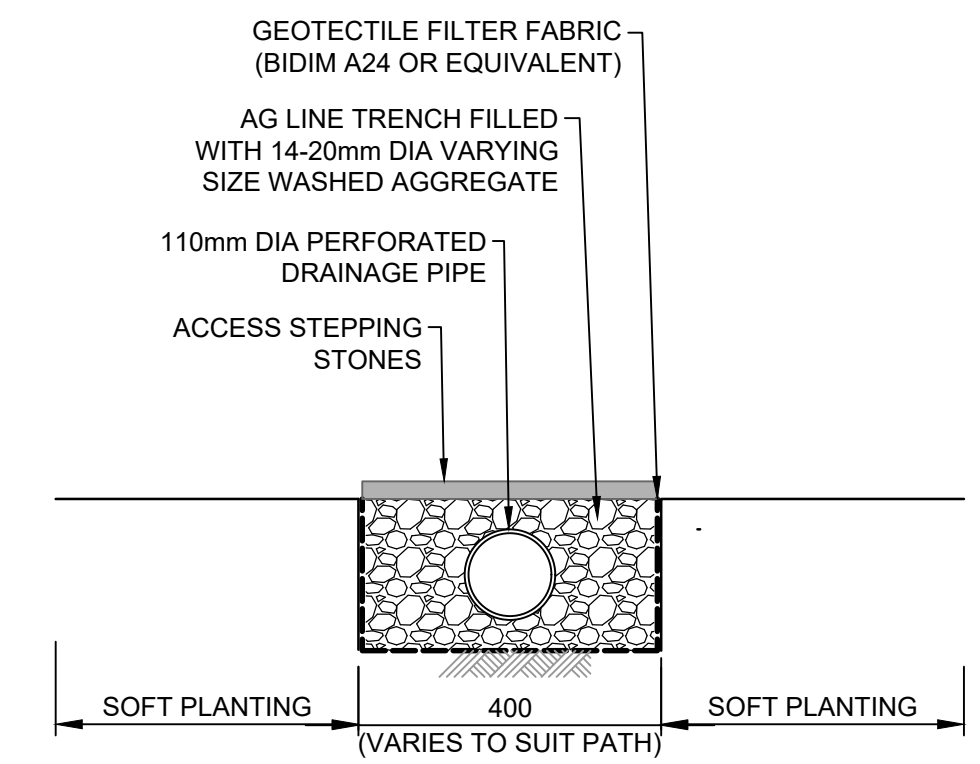
SIZE REQUIREMENTS	
GOVERNED BY MAXIMUM PIPE DIAMETER	
PIPE Ø	A, B
300	600
600	900
900	1200
1200	1600



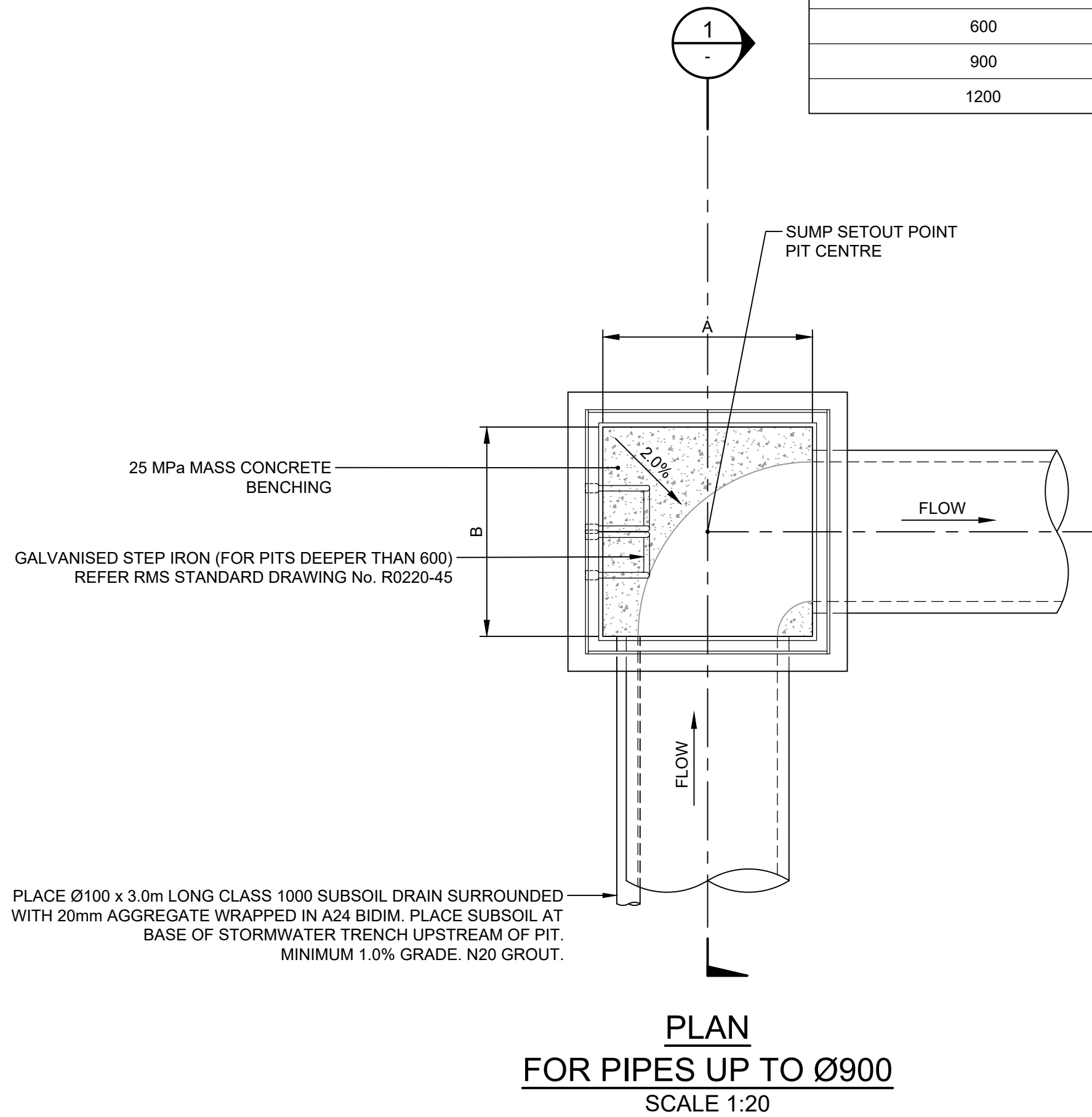
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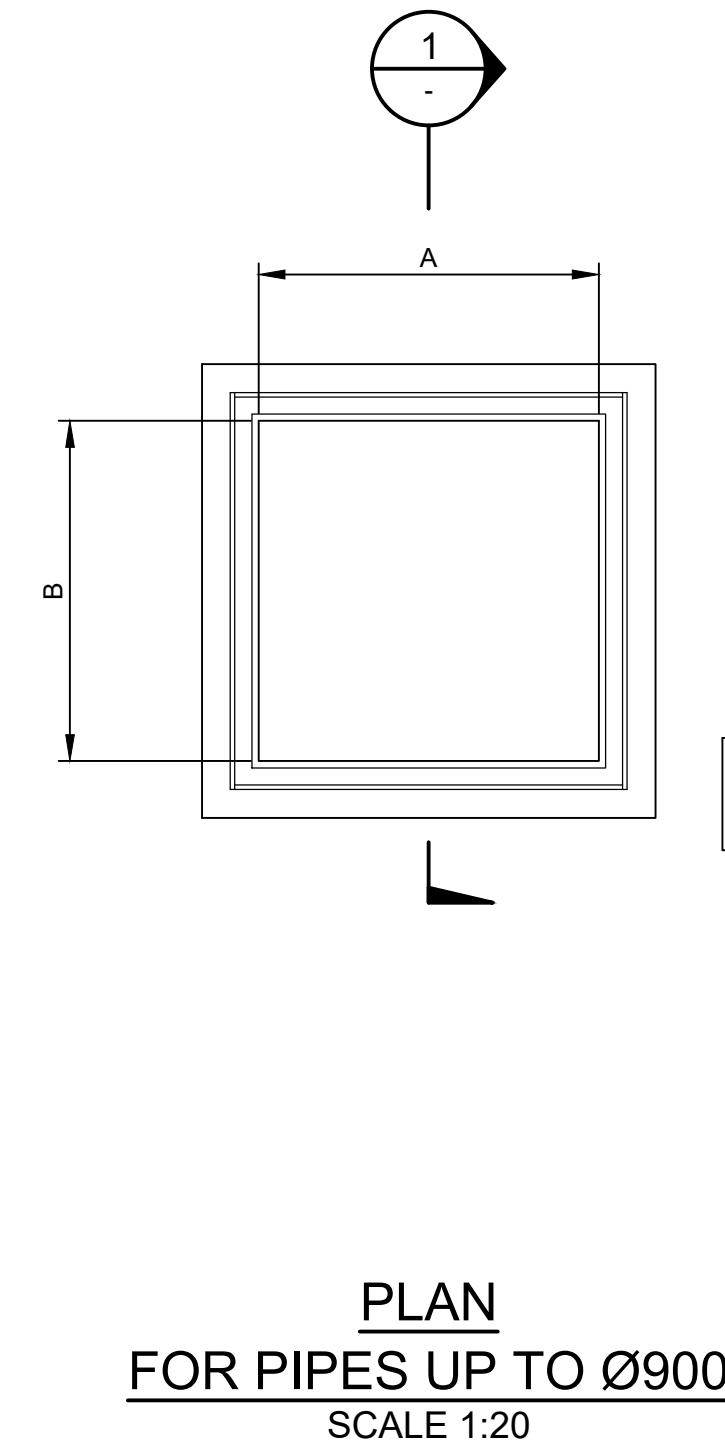
PLAN
CORNER BAR - SINGLE LAYER
SCALE 1:10



AG LINE FILTER DRAIN
SCALE 1:10

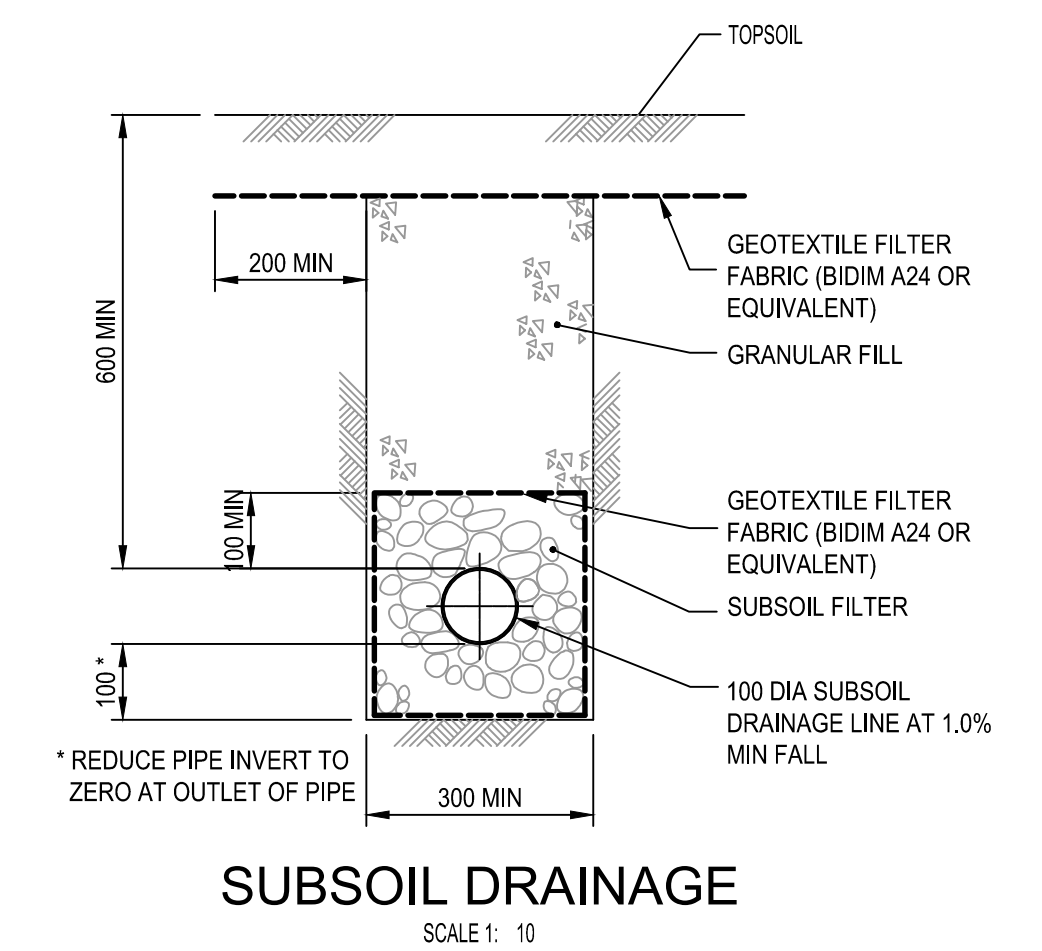


PLAN
FOR PIPES UP TO Ø900
SCALE 1:20



PLAN
FOR PIPES UP TO Ø900
SCALE 1:20

NOTES
PIPES AND SUMP COVER REMOVED FOR CLARITY



SUBSOIL DRAINAGE
SCALE 1:10

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0	DA SUBMISSION		ANMANM 11.12.2024								

Client:
JAMES & ANNA MARKHAM

Engineer:
TTW Structural
Civil
Traffic
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612 9439 7288 | Level 6, 73 Miller Street, North Sydney, NSW 2060

Project:
287 WHALE BEACH ROAD

Drawing Title:
**STORMWATER DETAILS
DA SUBMISSION**

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