

MODE

97-99 PUNCHBOWL ROAD

BELFIELD NSW 2191

CIVIL ENGINEERING WORKS

DEVELOPMENT APPLICATION

DRAWING SCHEDULE

DRAWING NUMBER	DESCRIPTION
210047-DA-C01.01	COVER SHEET AND DRAWING SCHEDULE
210047-DA-C03.01	EROSION AND SEDIMENTATION CONTROL PLAN
210047-DA-C03.21	EROSION AND SEDIMENTATION CONTROL DETAILS
210047-DA-C05.01	SITEWORKS AND STORMWATER MANAGEMENT PLAN - SHEET 01
210047-DA-C05.02	SITEWORKS AND STORMWATER MANAGEMENT PLAN - SHEET 02
210047-DA-C14.01	SITEWORKS DETAILS
210047-DA-C20.01	STORMWATER CATCHMENT PLAN


REV.	DATE	DESCRIPTION	DRN.	DES.	VERIF.	APPD.
3	15/06/2022	ISSUED FOR APPROVAL	SS	AL	AD	AL
2	2/12/2021	ISSUED FOR APPROVAL	RM	AL	AD	AL
1	05/11/2021	ISSUED FOR REVIEW - 50% SUBMISSION	GJJ	AL	AD	AL

Client



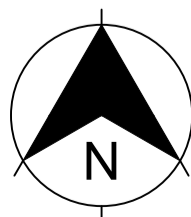


Scale



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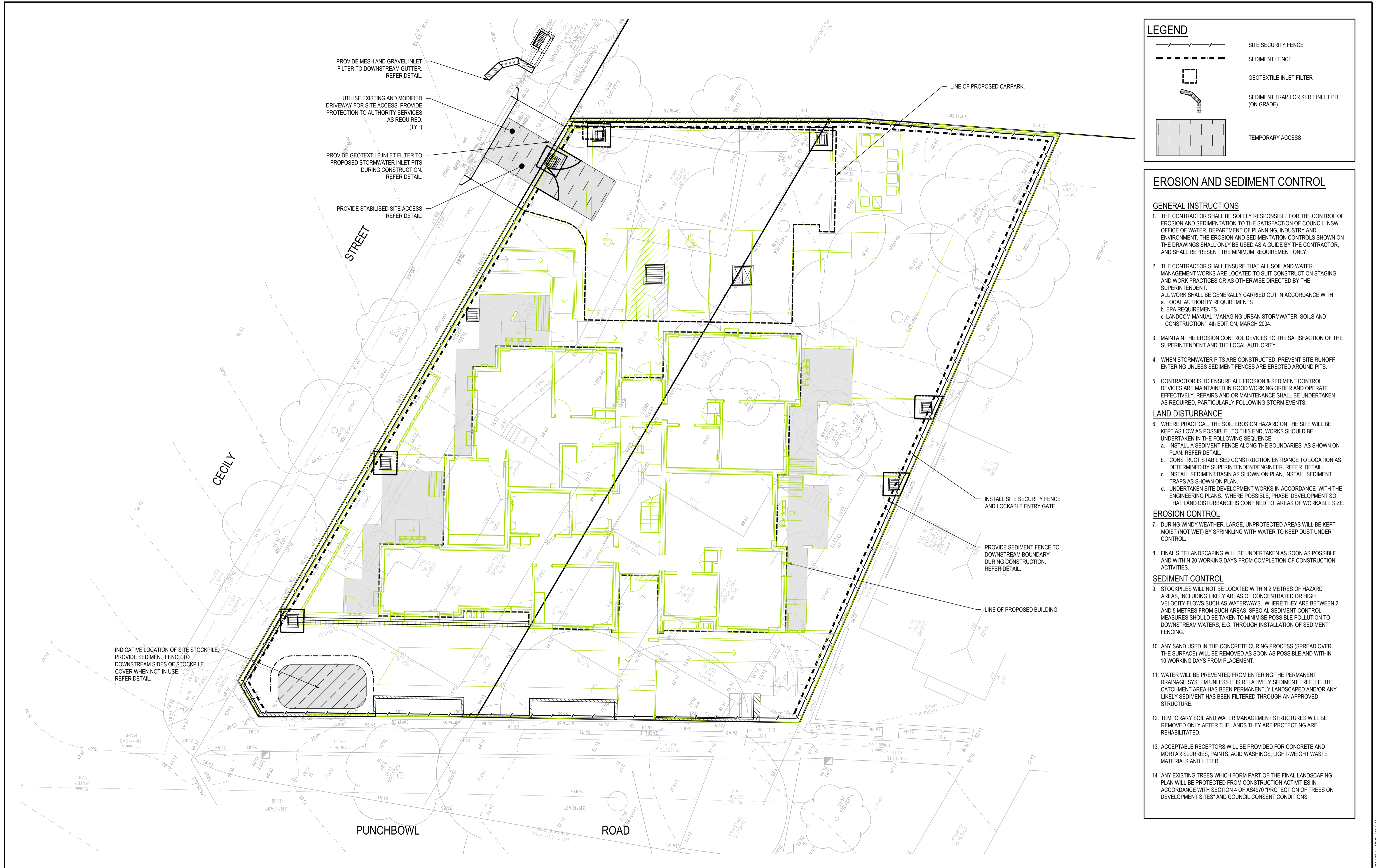
North





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Date 05/11/2021		
Size A1	Project Number/Drawing Number 210047-DA-C01.01	Revision 3
Datum MGA2020		



LEGEND

SITE SECURITY FENCE

SEDIMENT FENCE

GEOTEXTILE INLET FILTER

SEDIMENT TRAP FOR KERB INLET PIT (ON GRADE)

TEMPORARY ACCESS

EROSION AND SEDIMENT CONTROL

GENERAL INSTRUCTIONS

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONTROL OF EROSION AND SEDIMENTATION TO THE SATISFACTION OF COUNCIL, NSW OFFICE OF WATER, DEPARTMENT OF PLANNING, INDUSTRY AND ENVIRONMENT. THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE DRAWINGS SHALL ONLY BE USED AS A GUIDE BY THE CONTRACTOR, AND SHALL REPRESENT THE MINIMUM REQUIREMENT ONLY.
- THE CONTRACTOR SHALL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED TO SUIT CONSTRUCTION STAGING AND WORK PRACTICES OR AS OTHERWISE DIRECTED BY THE SUPERINTENDENT. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
 - LOCAL AUTHORITY REQUIREMENTS
 - EPA REQUIREMENTS
 - LANDCOM MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
- MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
- WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
- CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

- WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
 - INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
 - CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
 - INSTALL SEDIMENT BASIN AS SHOWN ON PLAN. INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.
 - UNDERTAKEN SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS, WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

- DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

- STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSTREAM WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
- ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.
- ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH SECTION 4 OF AS4970 "PROTECTION OF TREES ON DEVELOPMENT SITES" AND COUNCIL CONSENT CONDITIONS.

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Scale

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Project

97-99 PUNCHBOWL ROAD
BELFIELD NSW 2191
CIVIL ENGINEERING WORKS

Title

EROSION AND SEDIMENTATION
CONTROL PLAN

Scale

1:100

Date

05/11/2021

Size

A1

Datum

MGA2020

Status

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NOT TO BE USED FOR CONSTRUCTION

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3



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Project
97-99 PUNCHBOWL ROAD
BELFIELD NSW 2191
CIVIL ENGINEERING WORKS

Title
SITEWORKS AND STORMWATER MANAGEMENT PLAN
SHEET 02

Scale
1:250

Date
05/11/2021

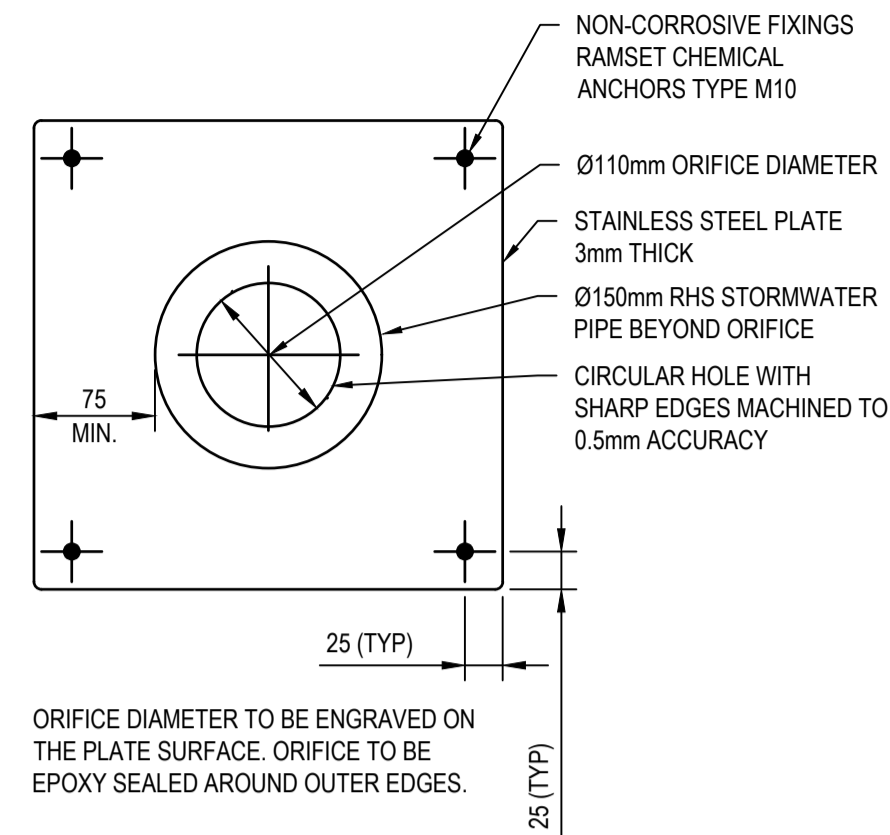
Size
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Datum
MGA2020

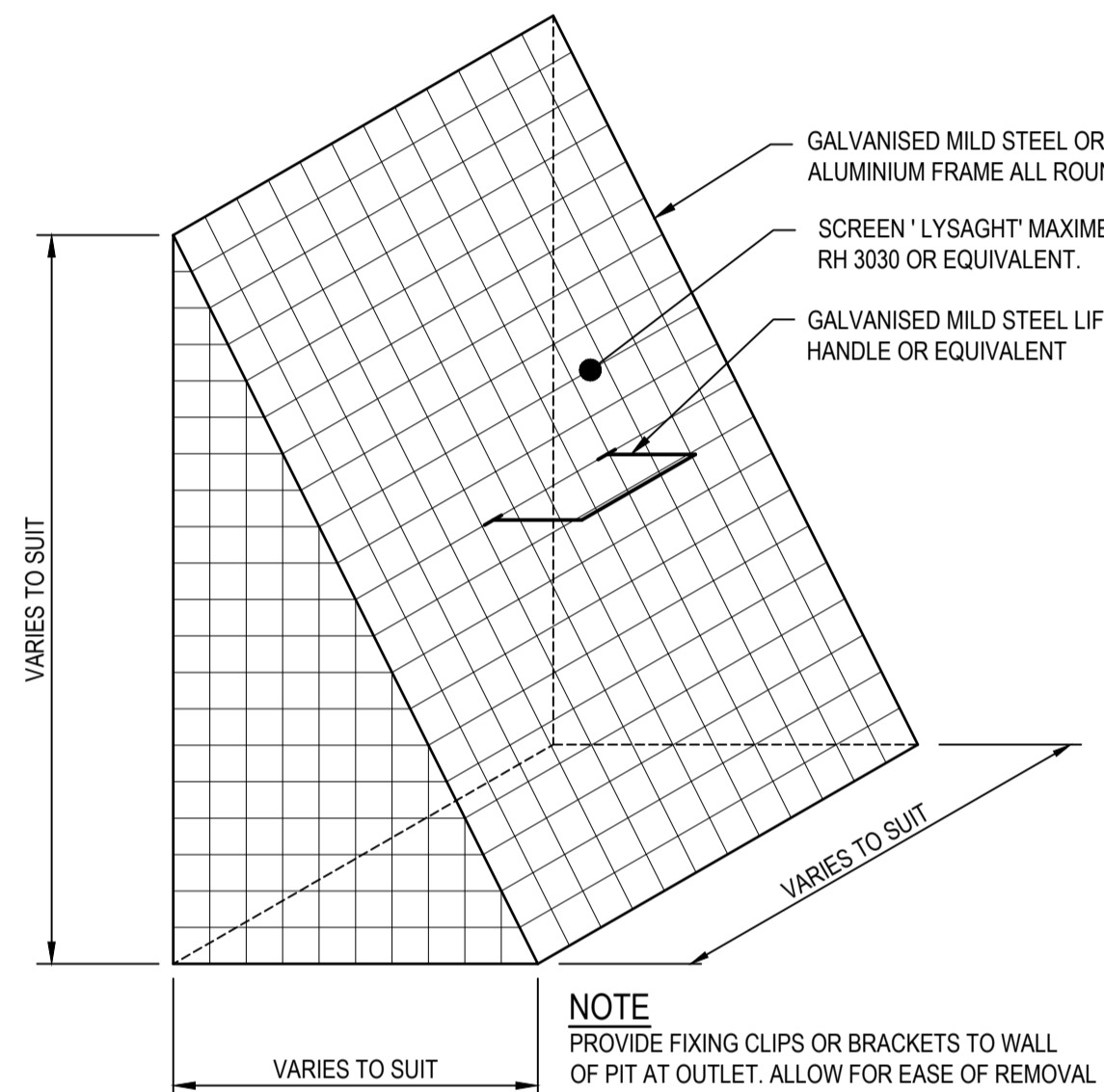
Status
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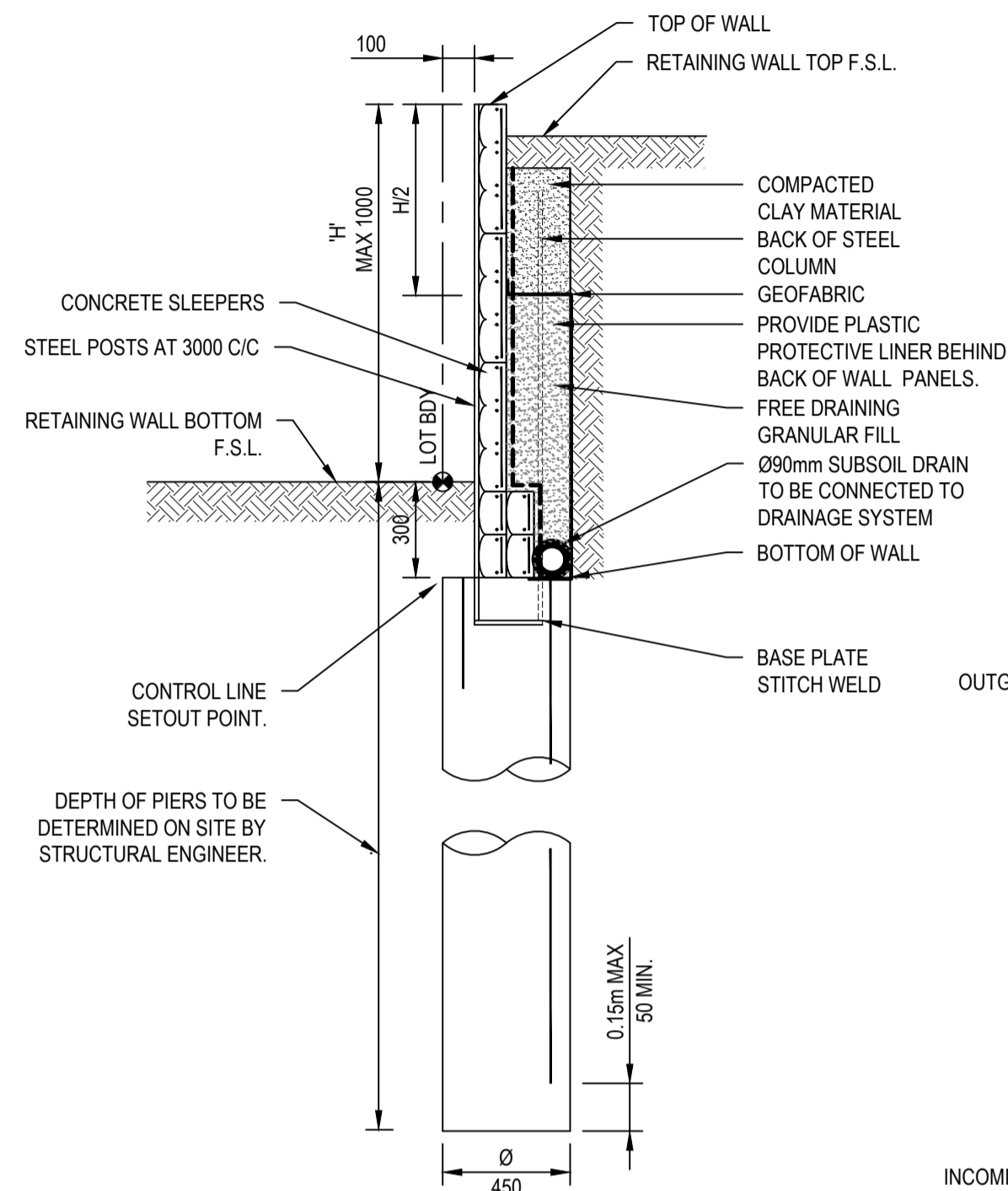
Revision
3



ORIFACE PLATE DETAIL
SCALE 1:5

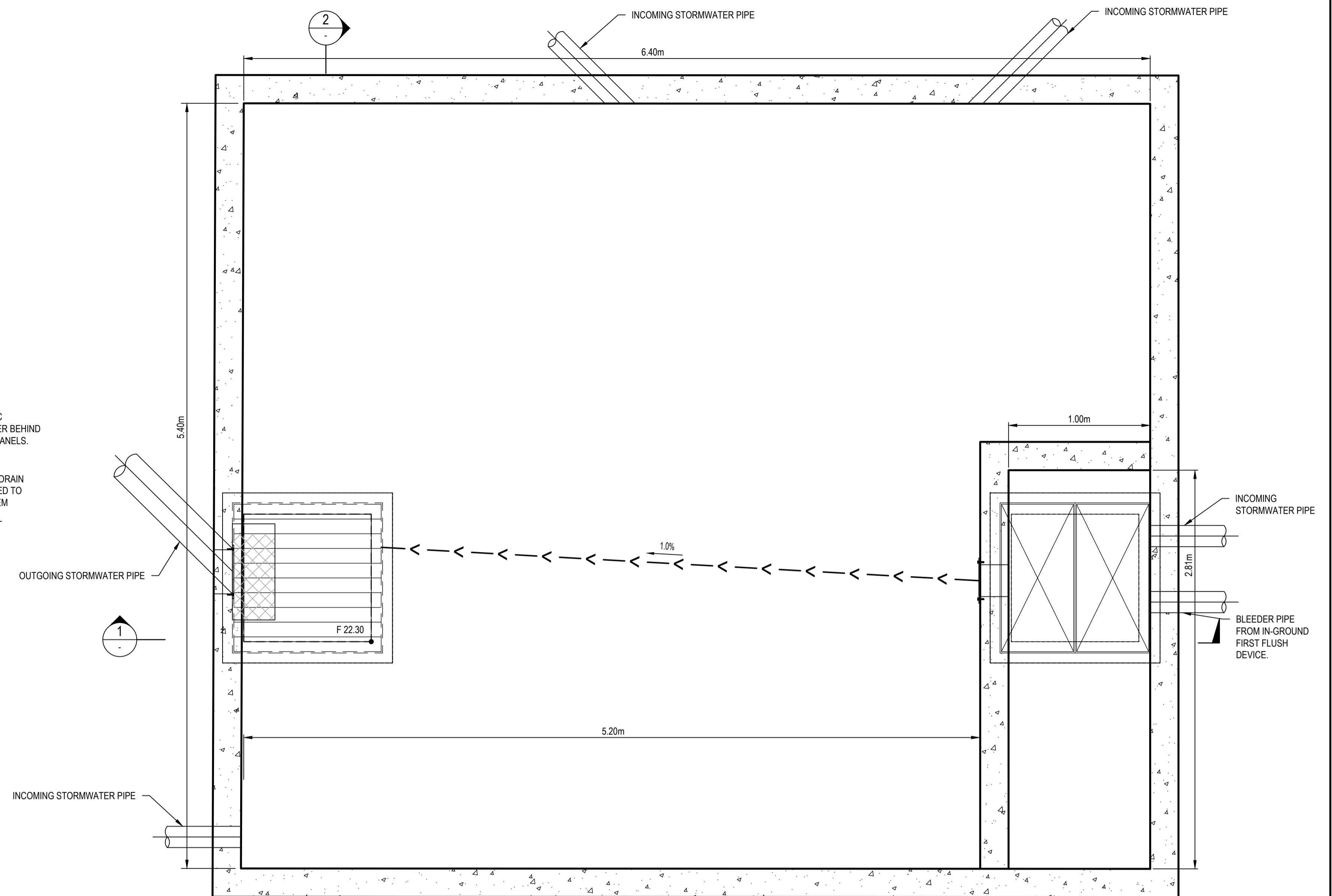


TYPICAL REMOVABLE SCREEN DETAIL
NOT TO SCALE

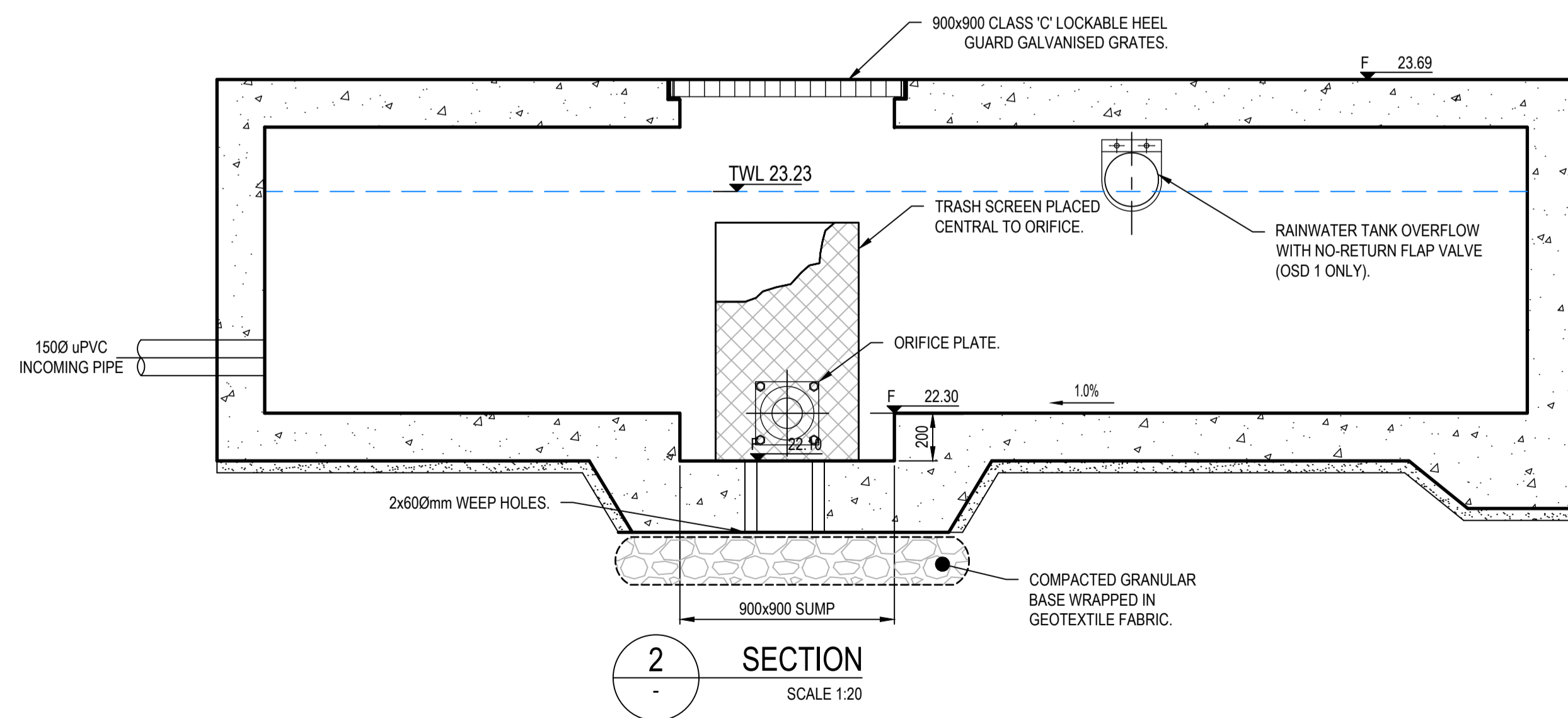


- NOTE:
1. WALLS TO BE STRUCTURALLY CERTIFIED AND INSPECTED BY STRUCTURAL ENGINEER.
 2. PIERS AT EVERY 3m CENTRES

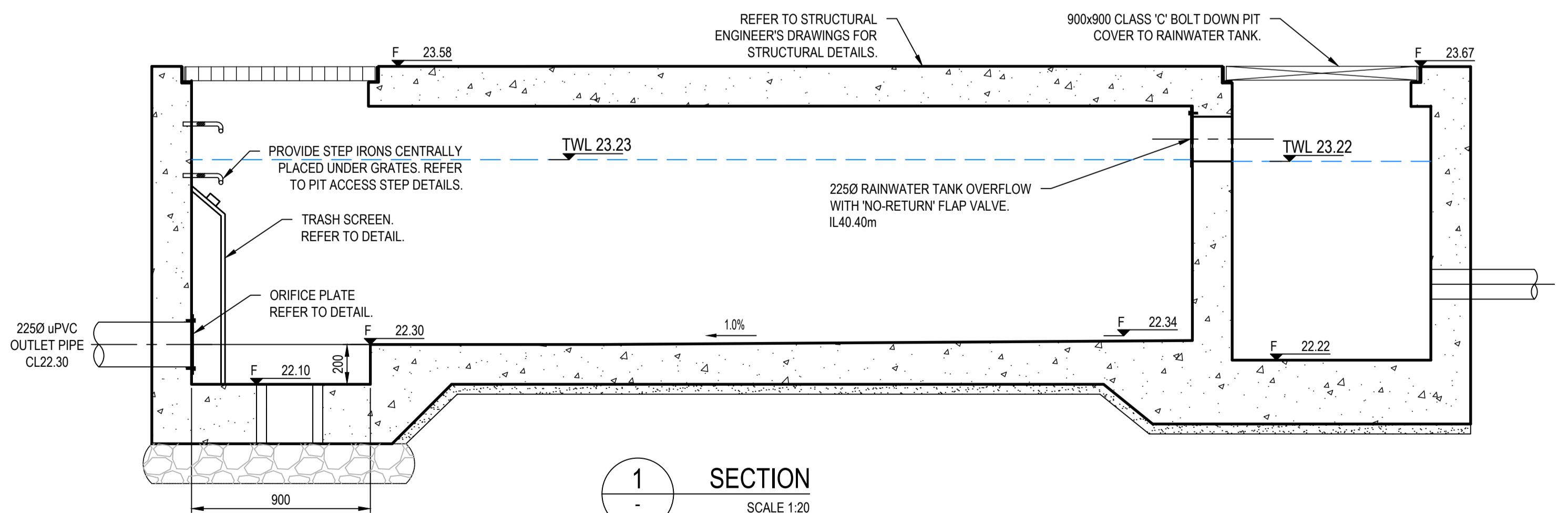
TYPICAL SLEEPER WALL
SCALE 1:20



ONSITE DETENTION TANK
SCALE 1:20



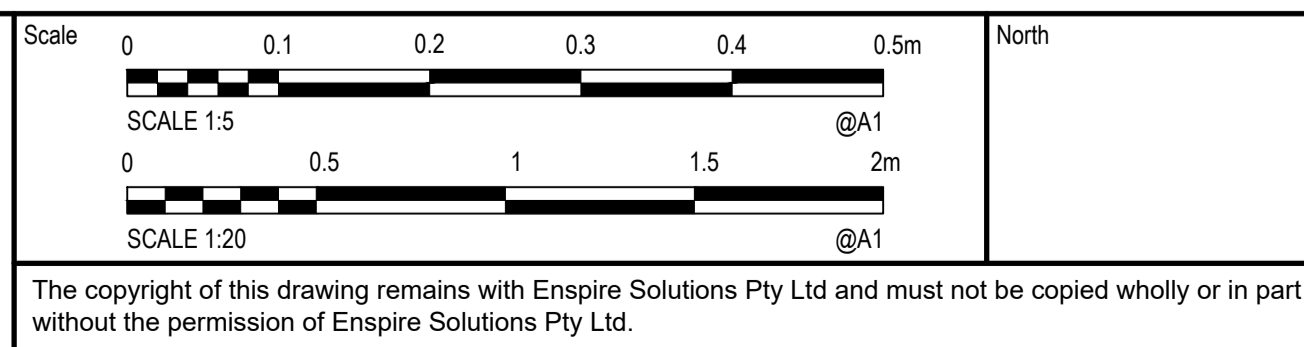
SECTION
SCALE 1:20



SECTION
SCALE 1:20

- NOTE:
1. ONSITE DETENTION TANK TO BE STRUCTURALLY CERTIFIED AND INSPECTION BY STRUCTURAL ENGINEER.

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SITWORKS DETAILS

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