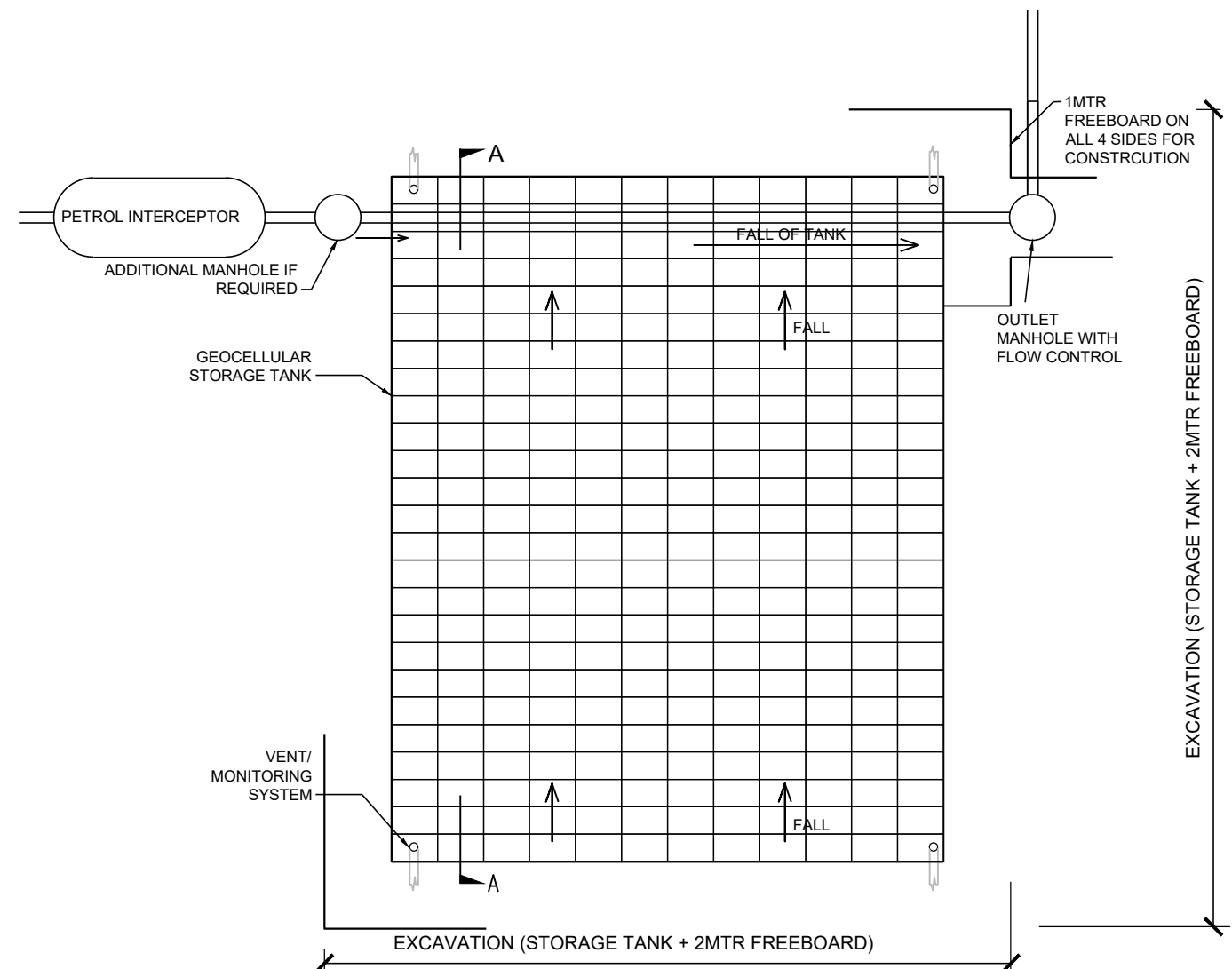
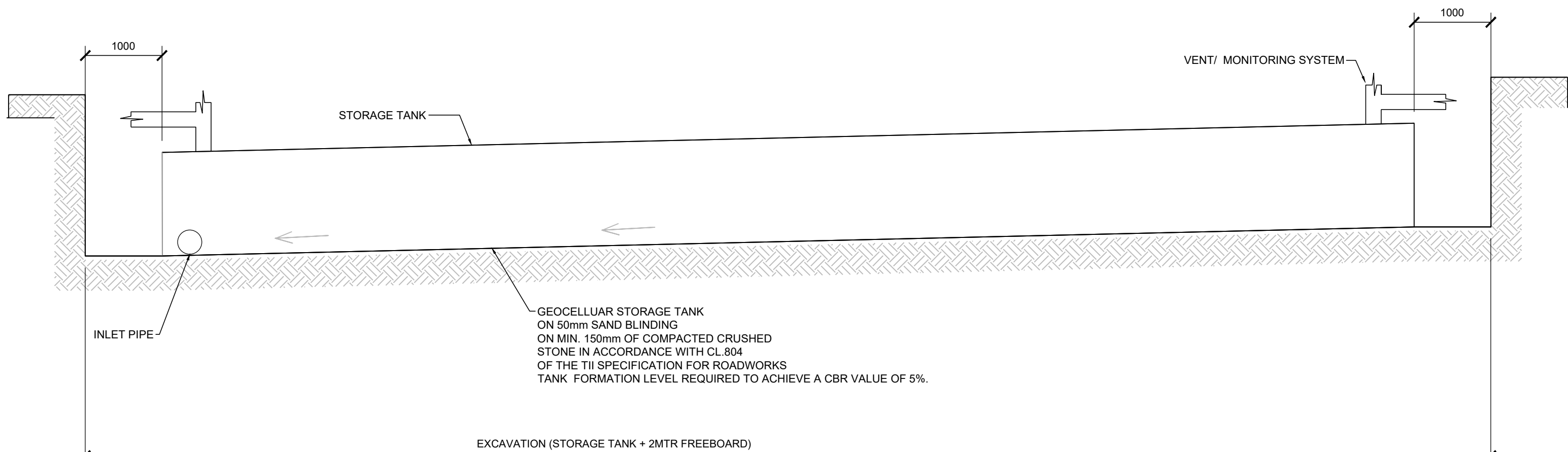


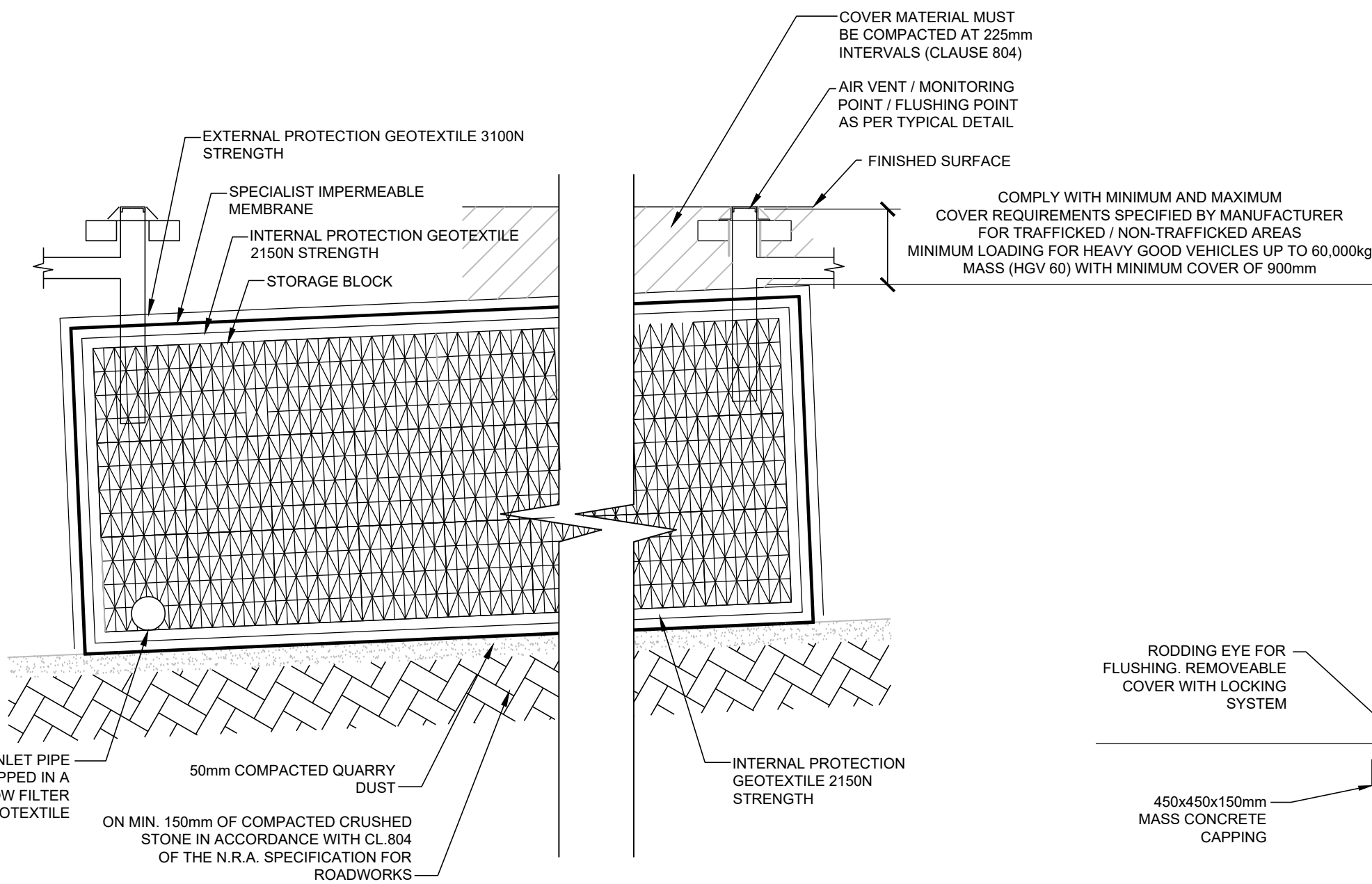
GEOCELLULAR STORAGE TANK
SCALE NTS



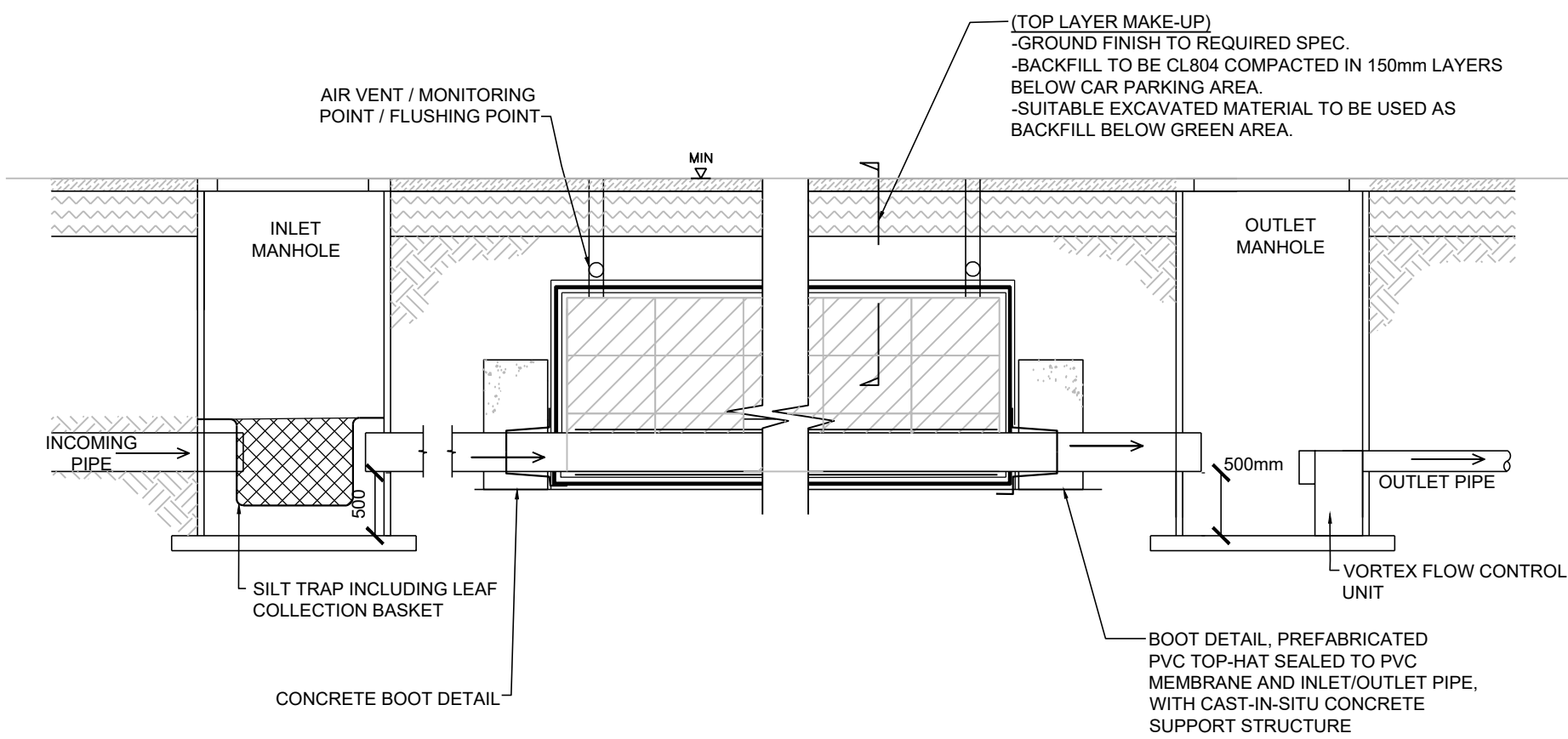
PLAN
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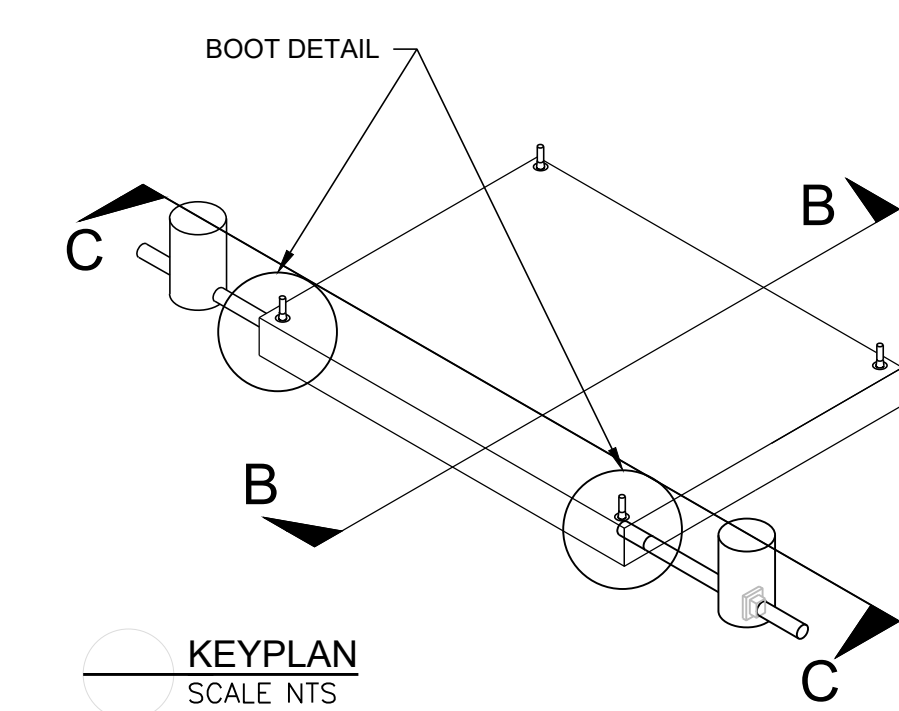
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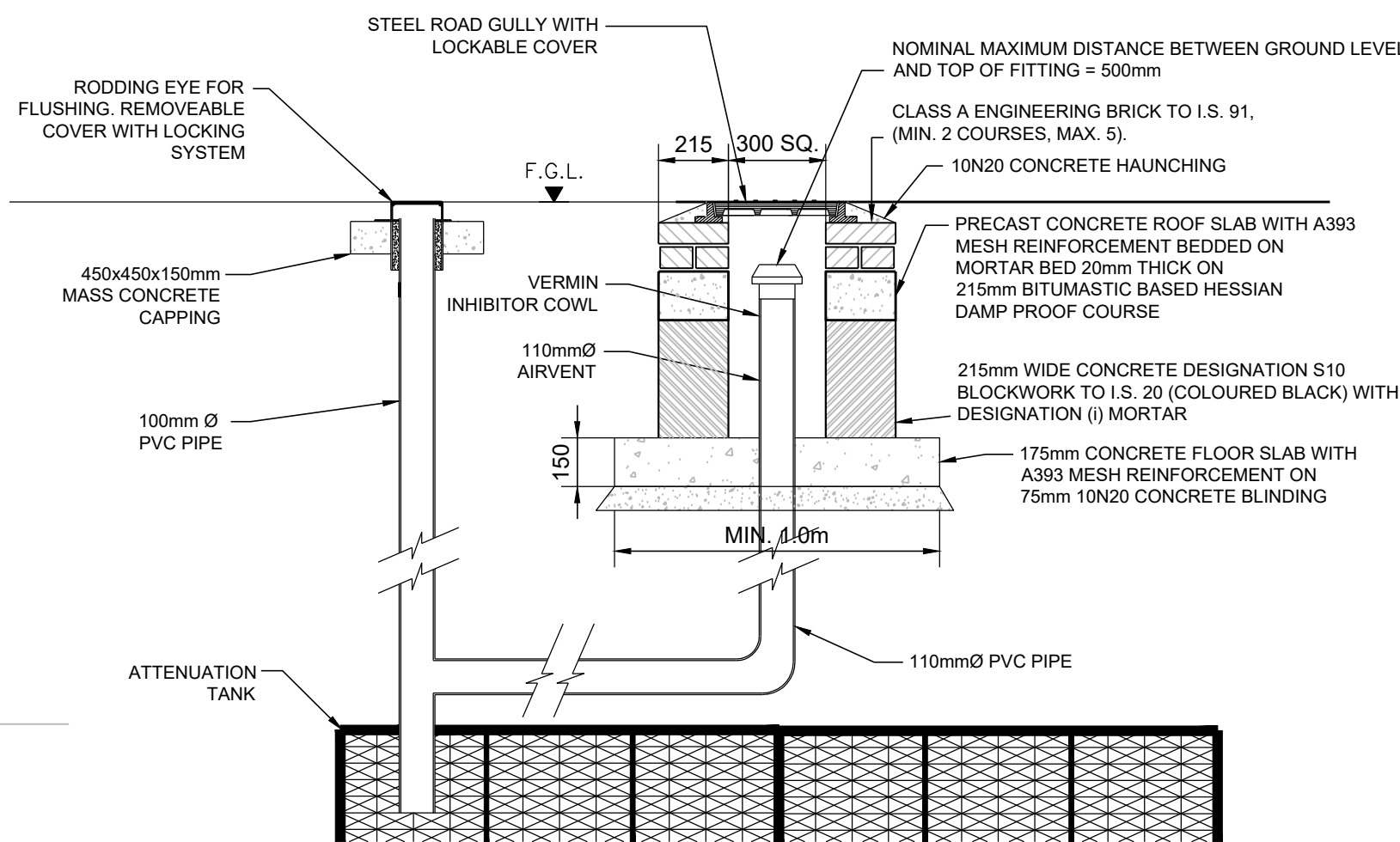
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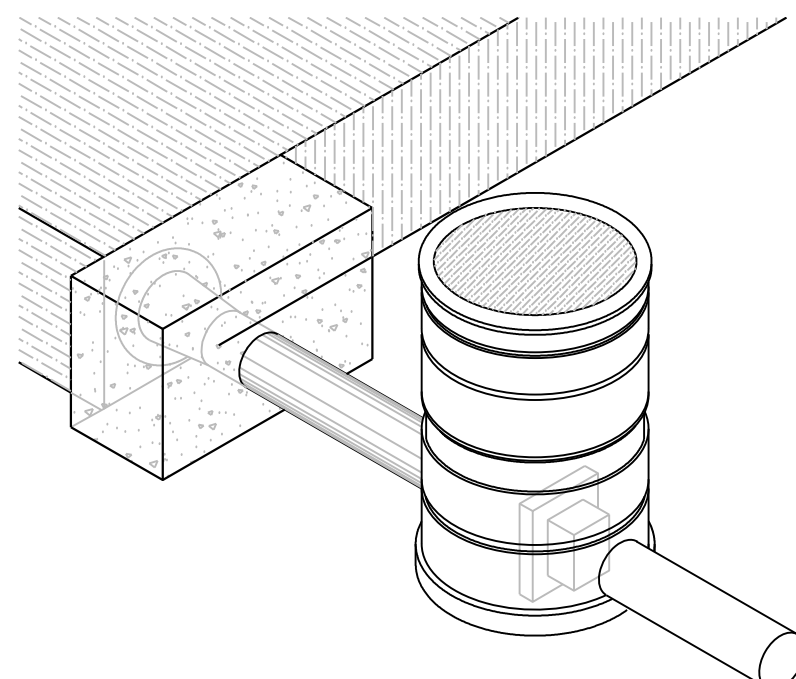
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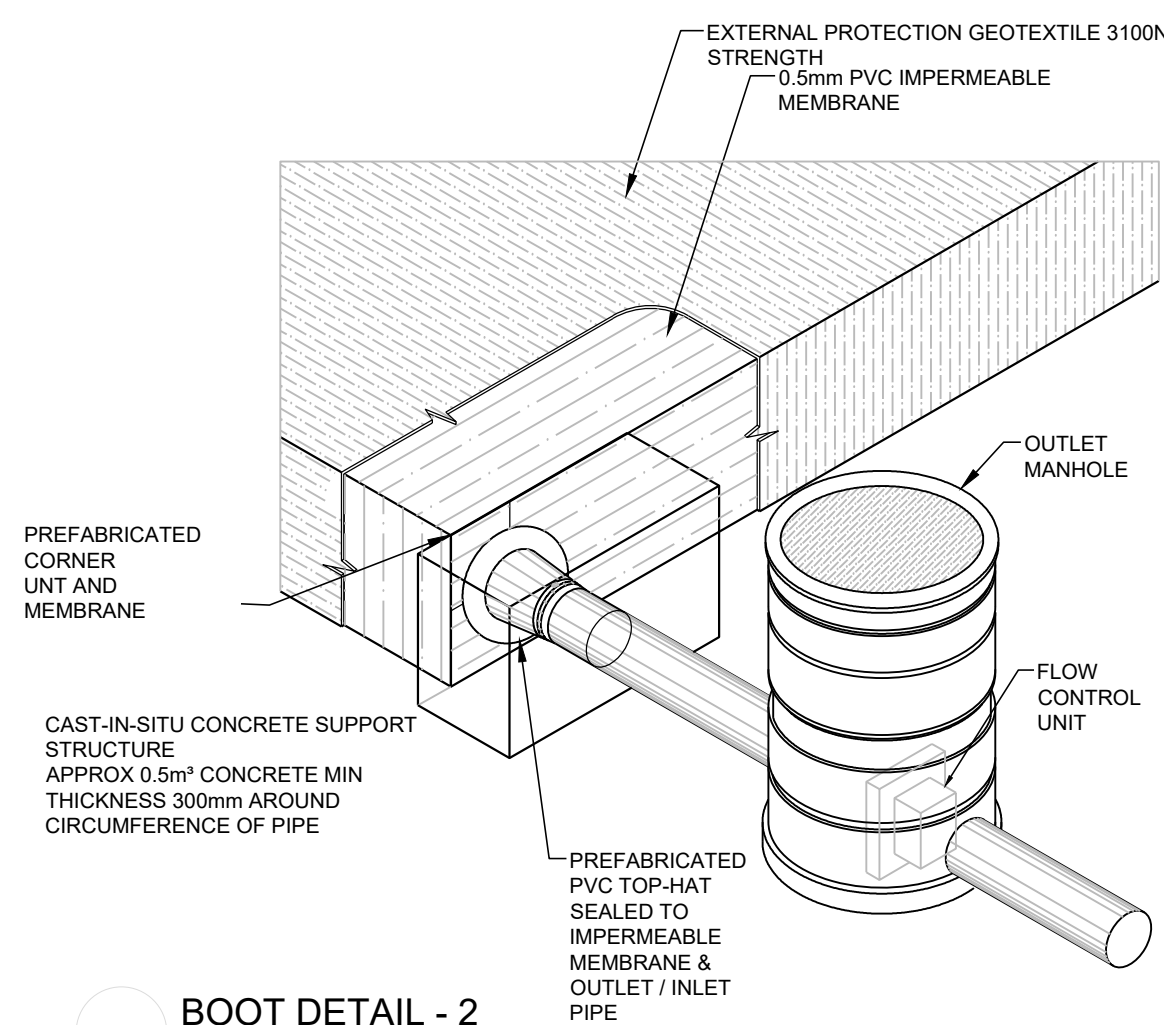
KEYPLAN
SCALE NTS



AIR VENT/MONITORING POINT DETAIL
SCALE 1:20



BOOT DETAIL - 1
CONC. STRUCTURE COMPLETED
SCALE NTS



BOOT DETAIL - 2
SCALE NTS

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS AND ALL RELEVANT ARCHITECTS AND SERVICES ENGINEERS DRAWINGS.
- DO NOT SCALE, USE FIGURED DIMENSIONS ONLY.
- DRAWINGS SHALL BE CHECKED BY CONTRACTOR AND ANY DISCREPANCIES (DIMENSIONS) SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE WORK IS COMMENCED.
- TEMPORARY PROPPING TO BE THE RESPONSIBILITY OF THE MAIN CONTRACTOR.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH GARLAND SPECIFICATIONS AND DRAWINGS.
- PROPOSED GEO-CELLULAR TANK, INCL. MEMBRANES, FLOW CONTROLS ETC. TO HAVE AN IRISH AGREEMENT CERTIFICATE AND DETAILS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCING CONSTRUCTION OF SAME.
- ALL CONCRETE TO BE GRADE C28/35 UNLESS NOTED OTHERWISE.
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING NON-EXHAUSTIVE LIST:-
B.S. 8006 CODE OF PRACTICE FOR STRENGTHENED/ REINFORCED SOILS AND OTHER FILLS).
EN 12952 STRUCTURAL USE OF CONCRETE. EN 12952 STRUCTURAL DESIGN OF BURIED PIPELINES UNDER VARIOUS CONDITIONS OF LOADING. EN 752 DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS NRA MANUAL OF CONTRACT DOCUMENTS FOR ROADWORKS VOLUME 2 - SPECIFICATION FOR ROADWORKS, NRA MANUAL OF CONTRACT DOCUMENTS FOR ROADWORKS, VOLUME 4 - ROAD CONSTRUCTION DETAILS.
- UNDERGROUND GEO-CELLULAR ATTENUATION TANK, TO BE CONSTRUCTED AS PER MANUFACTURERS INSTRUCTIONS & DETAILS.
- SPECIALIST IMPERMEABLE MEMBRANE TO BE SUITABLE FOR UNDERGROUND WATER STORAGE UNDER HYDROSTATIC PRESSURE AND TO MEET THE PERFORMANCE REQUIRED BY THE MANUFACTURERS OF THE GEO-CELLULAR SYSTEM. MEMBRANE MANUFACTURER MUST PROVIDE CONFIRMATION THAT THE MEMBRANE IS SUITABLE FOR ITS INTENDED PURPOSE.
- ALL JOINTS FOR IMPERMEABLE MEMBRANE TO BE SEALED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND TESTED.
- PREFABRICATED CORNER UNITS AND TOP HATS TO BE USED AT ALL CORNERS AND PIPE CONNECTIONS.
- PROTECTION BOARD TO BE PROVIDED TO THE MEMBRANE WHERE SPECIFIED BY THE MANUFACTURER.
- TANK LOAD CAPACITY TO BE MINIMUM OF 1000 KN/M².
- CONTRACTOR TO ALLOW FOR ANY AND ALL WORKS INCLUDING, PUMPING AND TEMPORARY WORKS NECESSARY TO CARRY OUT ATTENUATION TANK WORKS AS PER THE GROUND CONDITIONS REPRESENTED WITHIN THE SITE INVESTIGATION REPORTS. NOTE - A POOR LAYER OF SILTY SOIL EXISTS AT VARYING DEPTHS AND VARYING THICKNESS THROUGHOUT THE SITE.

REV	DATE	DESCRIPTION	PC	PC	BL	BL
A	24/01/25	REVISED TANK LOADING REQUIREMENTS AND MINIMUM COVER LEVELS	PC	PC	BL	BL

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PROJECT: WHITEBOX STUDENT CAMPUS, GROODY ROAD, NEWCASTLE, CASTLETROY, LIMERICK

TITLE: ATTENUATION TANK DETAILS

STATUS: **PLANNING APPLICATION**

DRAWN: PC DES. BY: PC
CHK. BY: BL APP. BY: BL

DATE: 23/01/25 JOB No.

A1 SCALE: AS SHOWN **W0657**

DRG. No. 027 REV. A