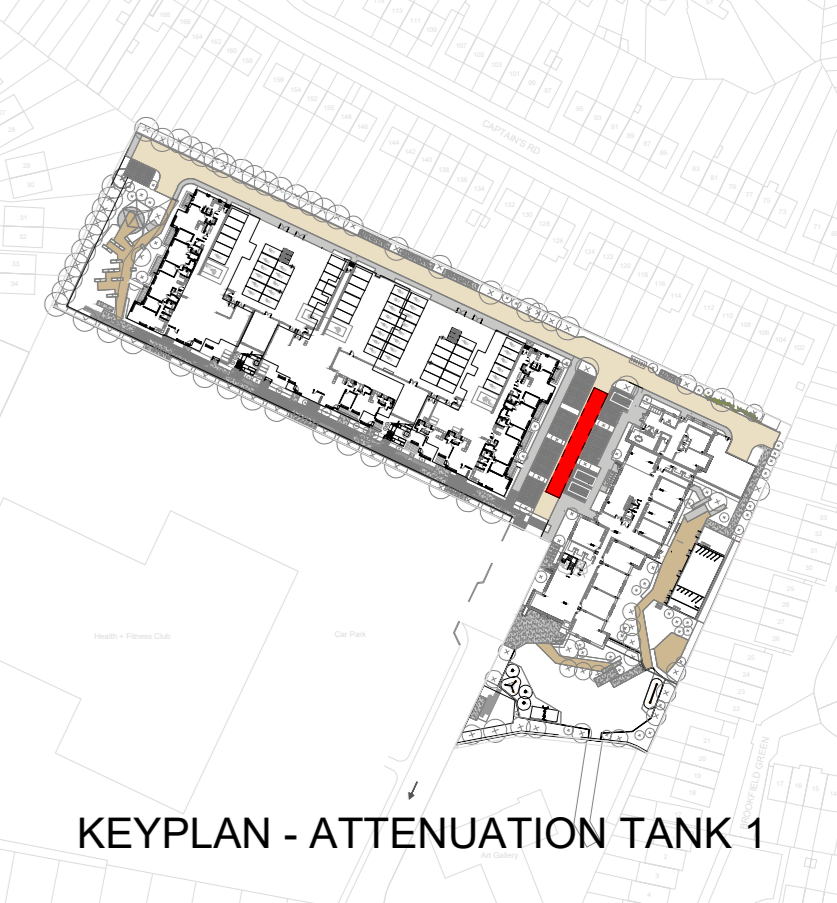
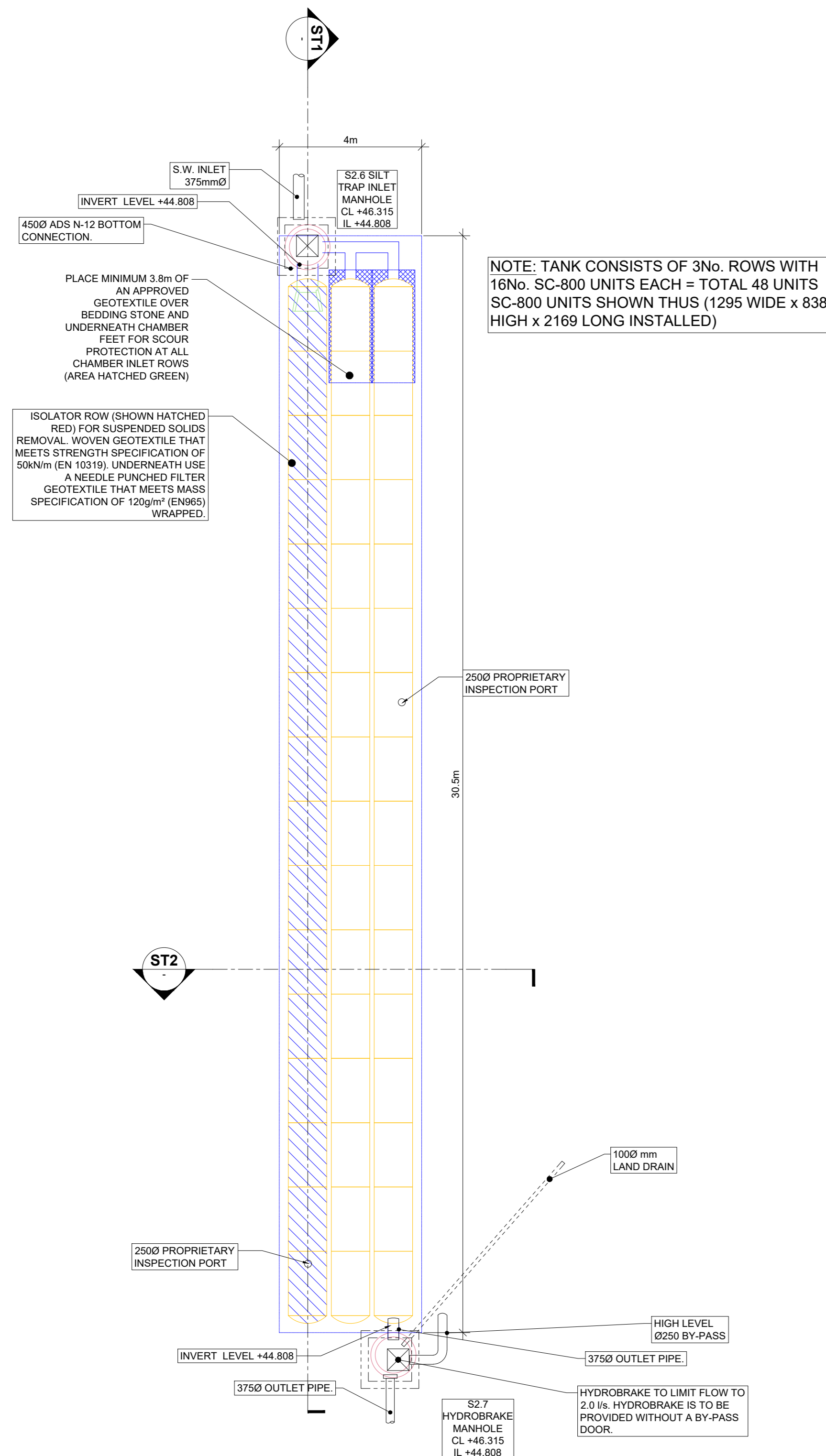


NOTES

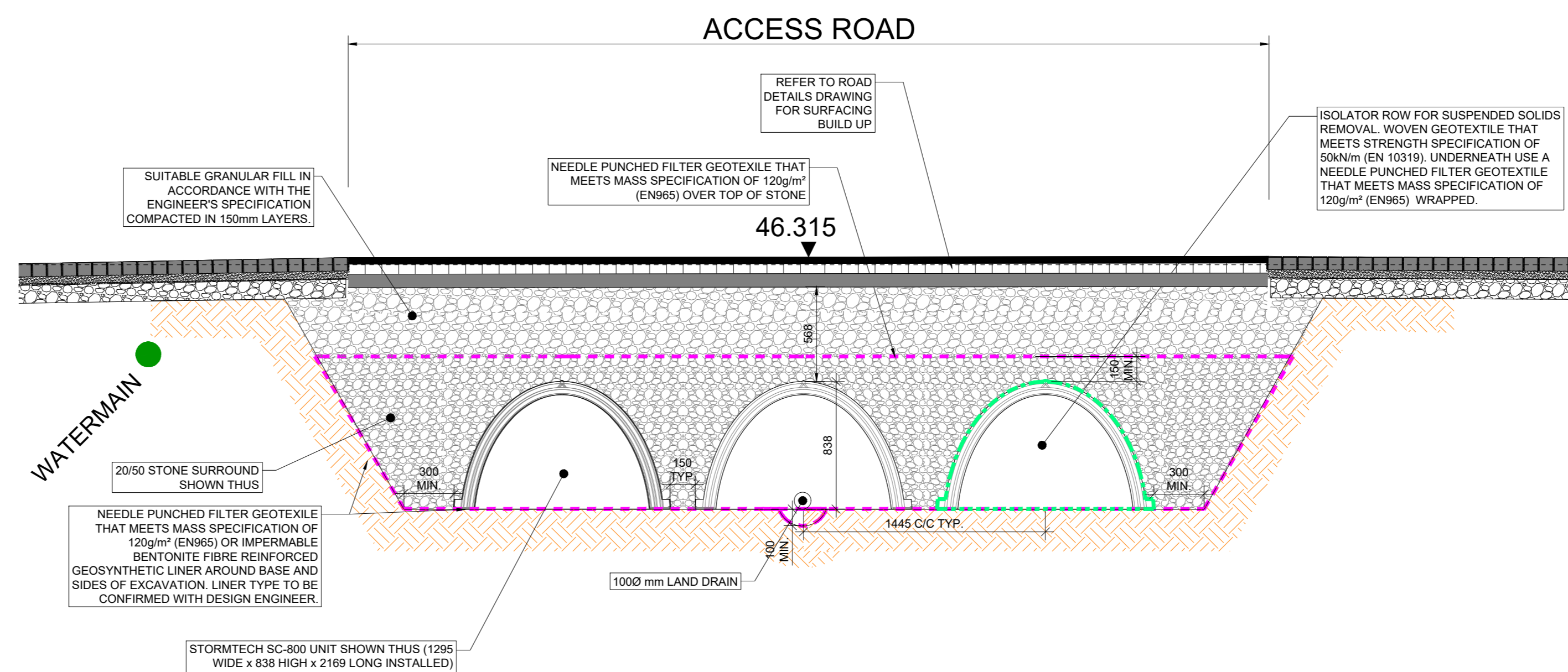
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.



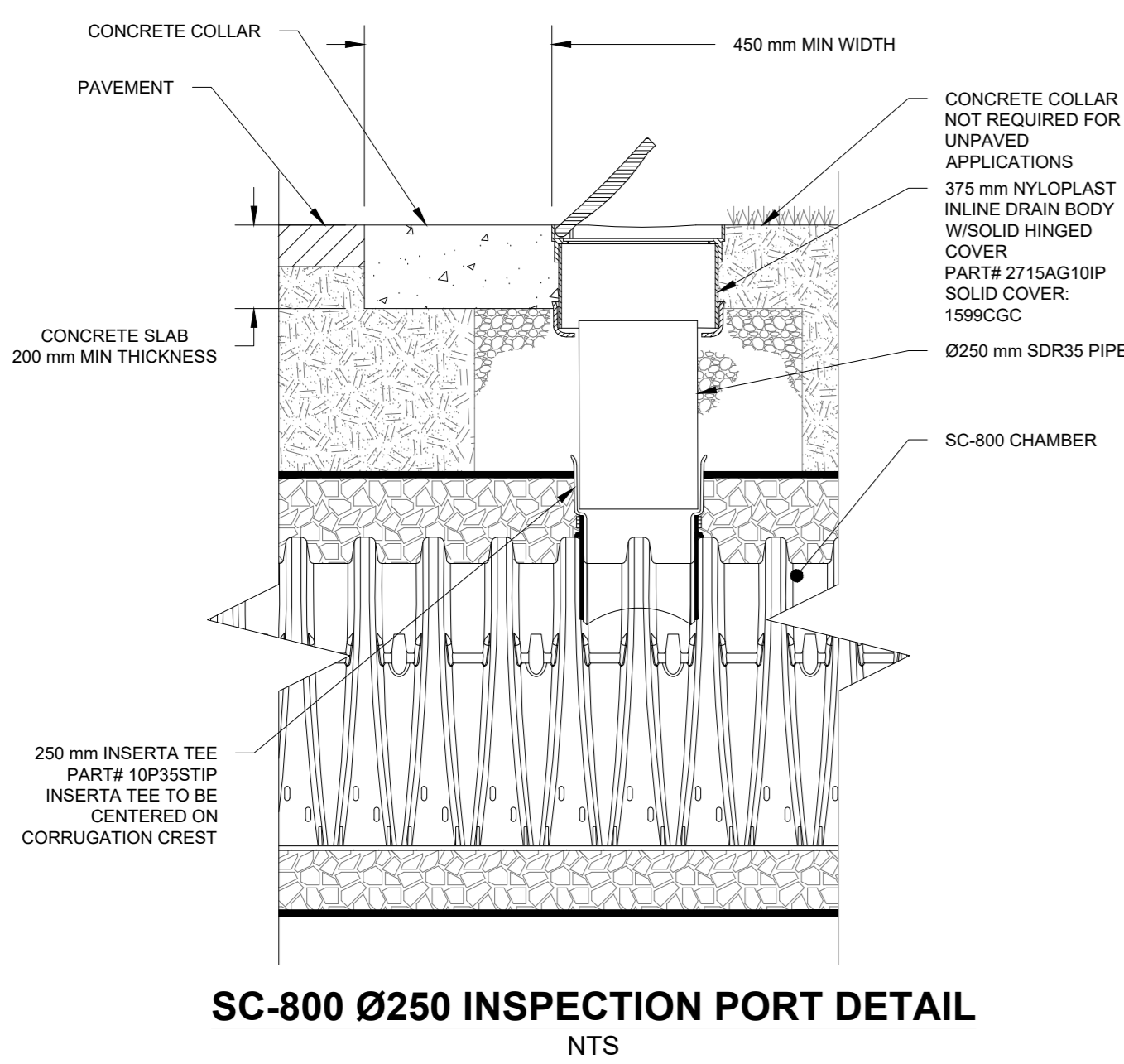
KEYPLAN - ATTENUATION TANK 1



STORMTECH ATTENUATION TANK 1 PLAN

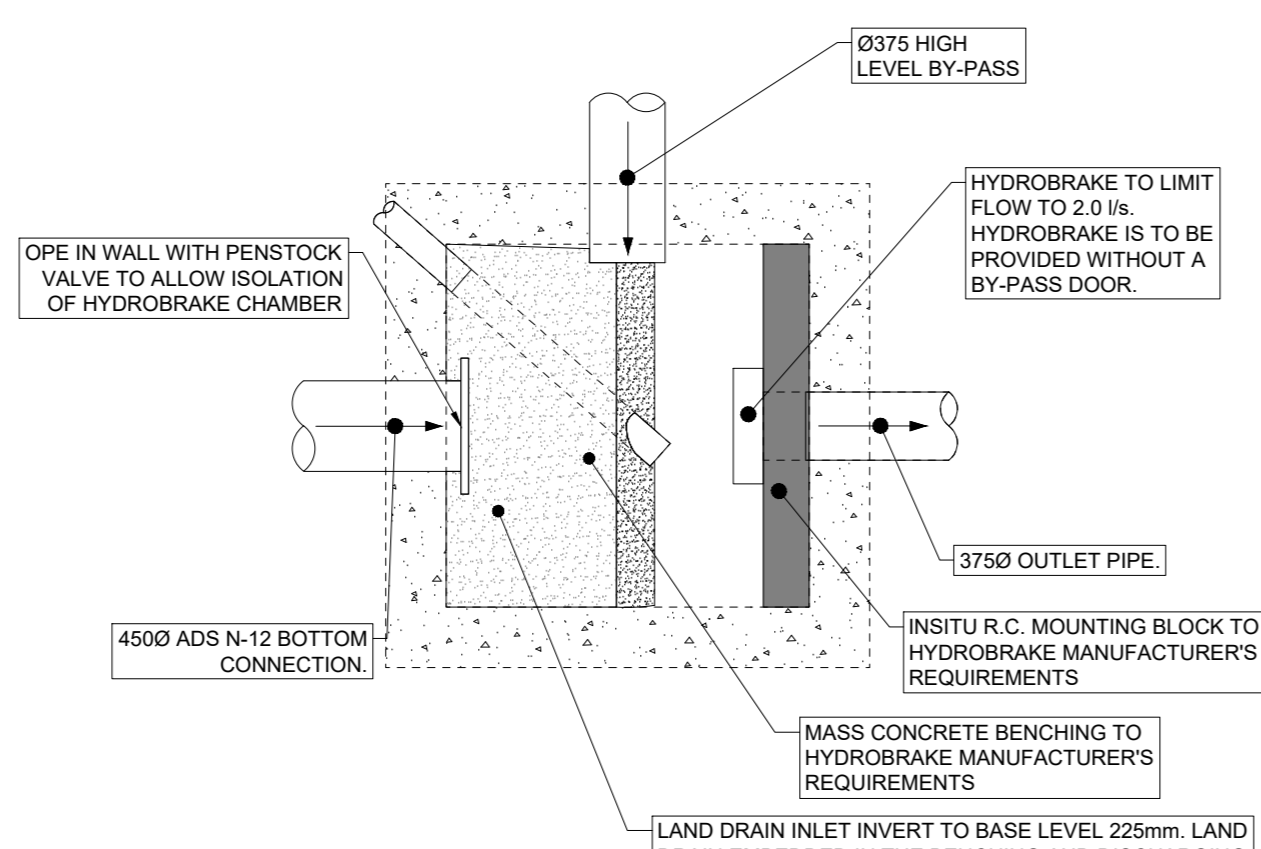
SCALE @ A1: 1:100
SCALE @ A3: 1:200

ST2 TYPICAL STORMTECH TANK CROSS SECTION

SCALE @ A1: 1:25
SCALE @ A3: 1:50

SC-800 Ø250 INSPECTION PORT DETAIL

NTS



HYDROBRAKE MANHOLE PLAN SECTION

SCALE @ A0: 1:25
SCALE @ A3: 1:50DETAILED DESIGN OF THE TANK BY THE TANK SUPPLIER.
STORMTECH SYSTEM OR SIMILAR APPROVED.

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
- A.1. REMOVE/OPEN LID ON INLET DRAIN
- A.2. REMOVE AND CLEAN FILTER IF INSTALLED
- A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
- A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
- A.5. IF SEDIMENT IS AT, OR ABOVE, 80 mm PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ISOLATOR ROW
- B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
- B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
- B.3. IF SEDIMENT IS AT, OR ABOVE, 80 mm PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 1.1 m OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKWASH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS, RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

PL3	29.05.25	ISSUED FOR PLANNING	AM
PL2	23.05.25	ISSUED FOR PLANNING	AM
PL1	17.04.25	ISSUED FOR PLANNING	FB
ISSUE	DATE	DESCRIPTION	BY

Project Engineer: MS Project Director: MH

BM STAGE

PLANNING

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PROJECT TITLE CARLISLE SITE KIMMAGE, RESIDENTIAL DEVELOPMENT	BM PROJECT No. 21.221
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DRAWING TITLE SURFACE WATER ATTENUATION TANK 1	SUITABILITY REVISION
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DRAWING REFERENCE CST-BMD-00-ZZ-DR-C-1262	STATUS PL	REVISION 3
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