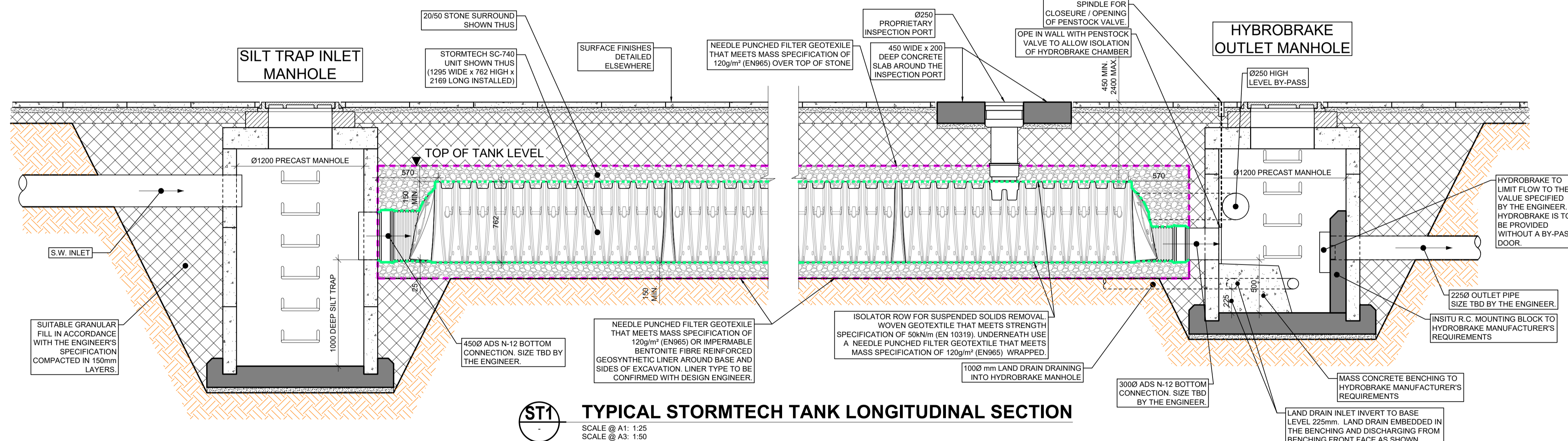
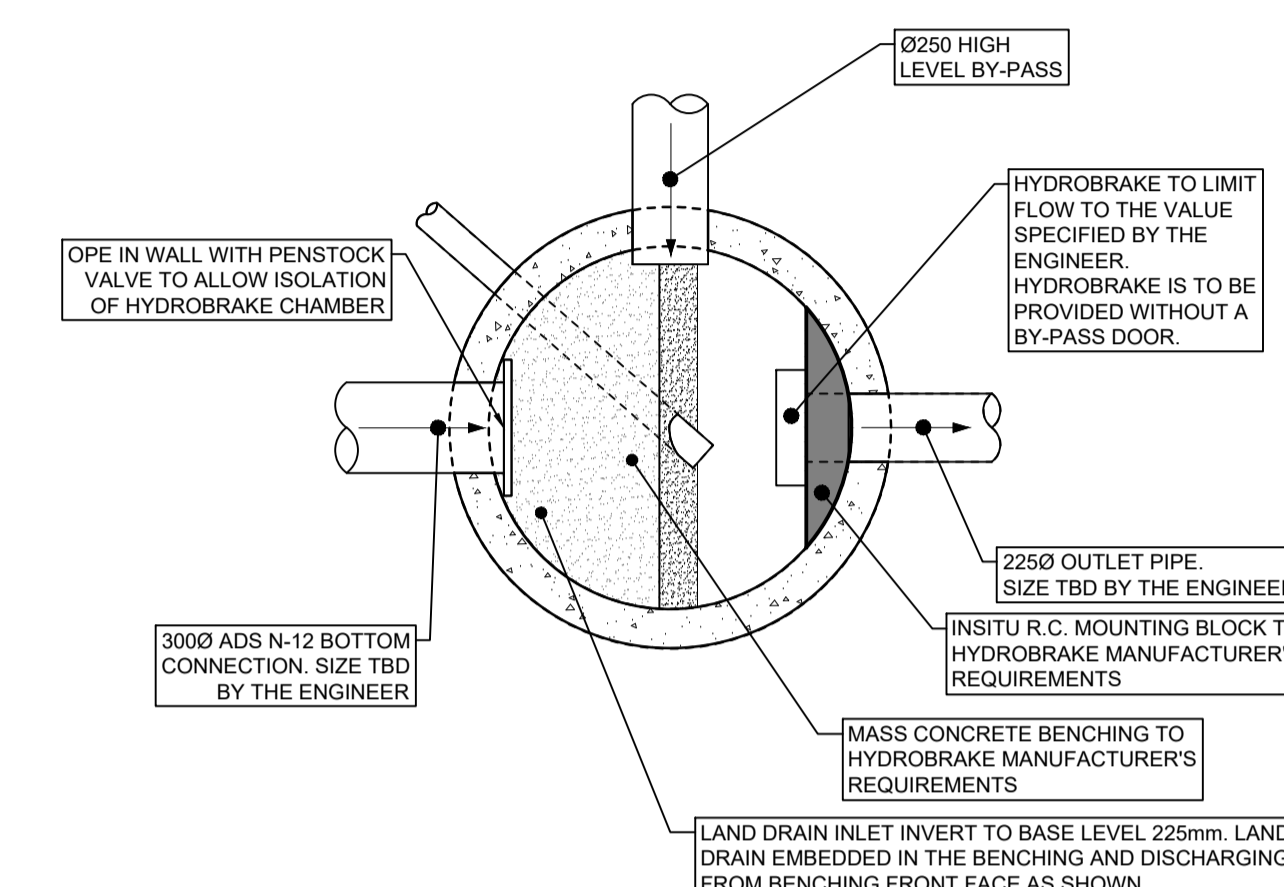
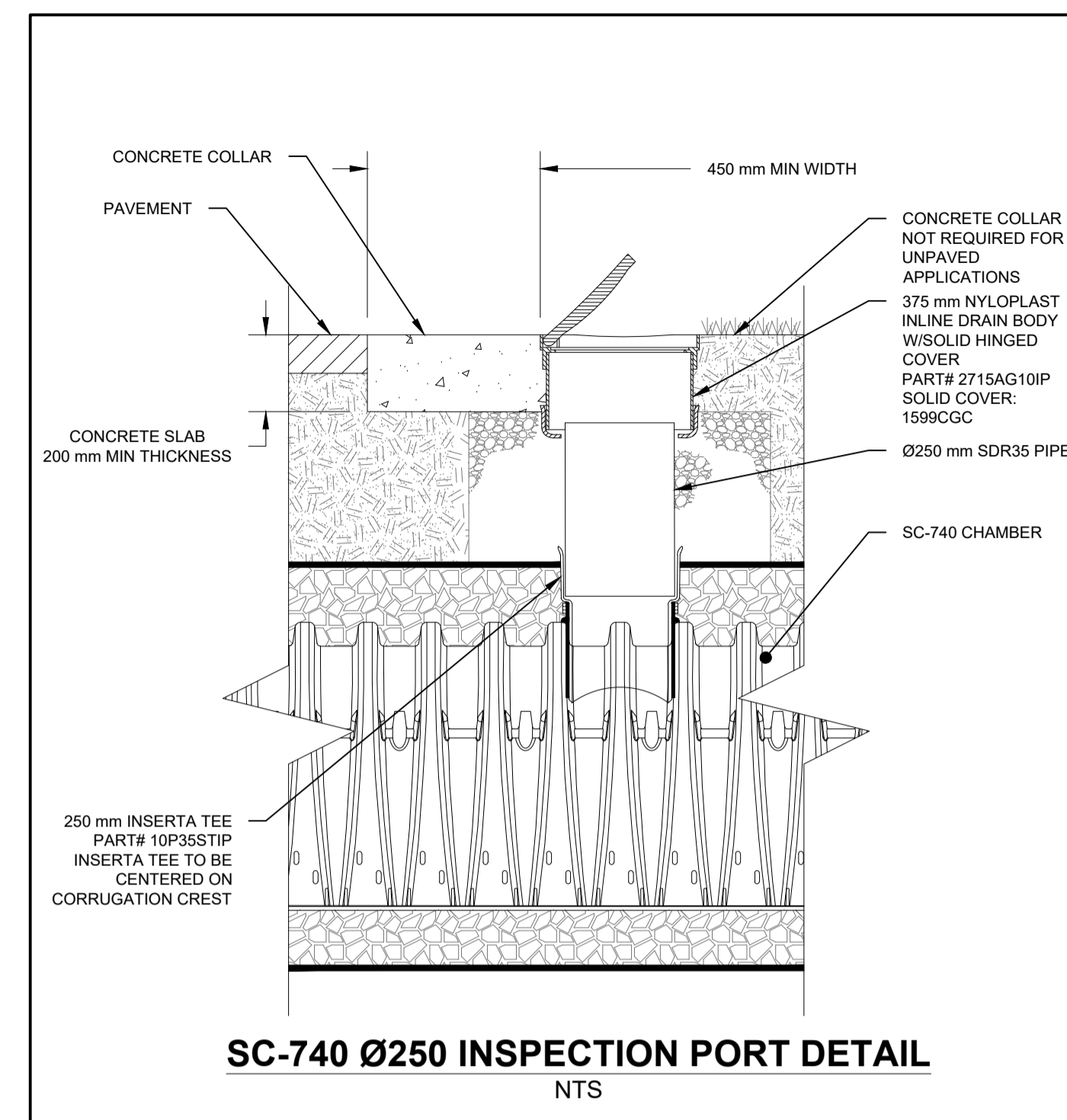
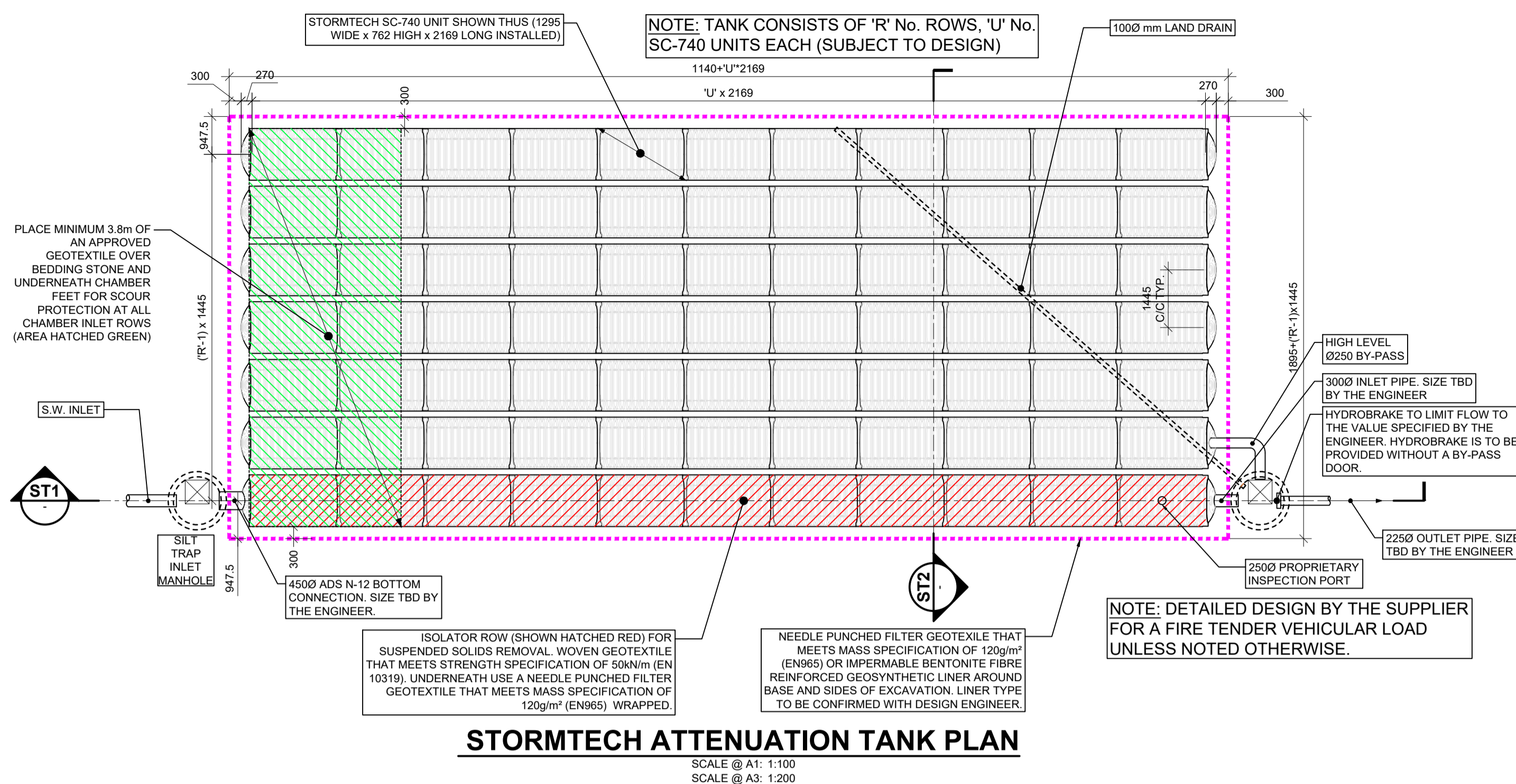


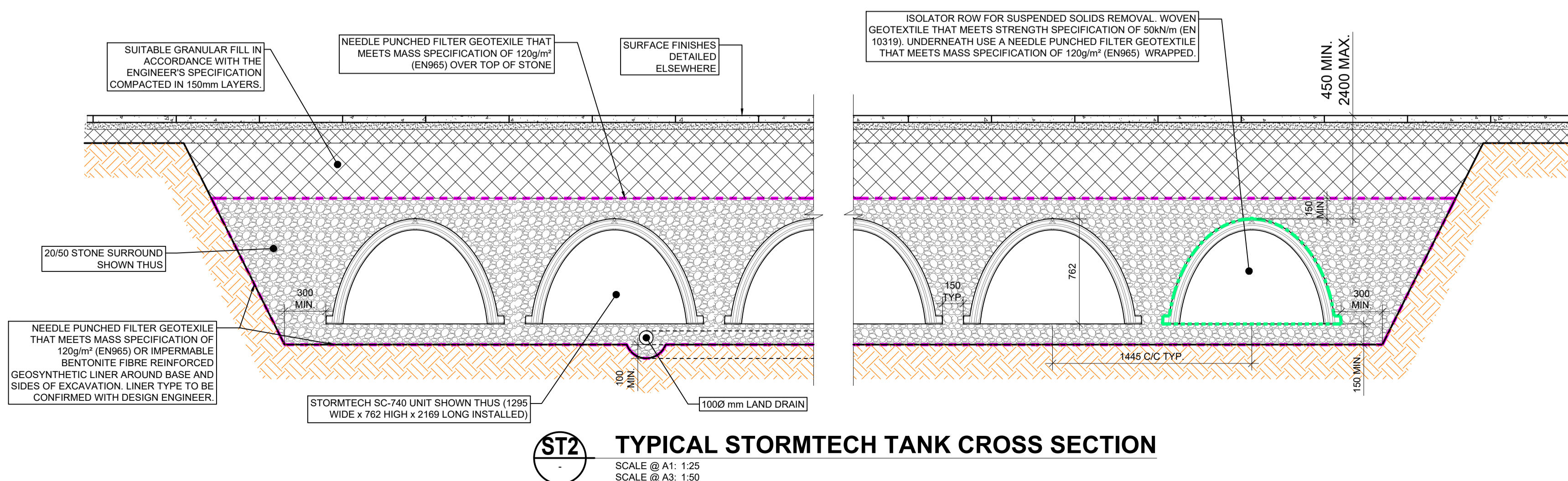
NOTES

- 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.



NOTE: STORAGE VOLUME DEPENDENT ON THE STONE DEPTH OVER THE ARCHES. FOR 150mm STONE = 0.67cu.m PER 1sqm APPROX. ADD 0.015cu.m PER 25mm OF STONE ON TOP.

DETAILED DESIGN OF THE TANK BY THE TANK SUPPLIER, STORMTECH SYSTEM OR SIMILAR APPROVED.



INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT**
- INSPECTION PORTS (IF PRESENT)
 - REMOVE/OPEN LID ON IN LINE DRAIN
 - REMOVE AND CLEAN FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - IF SEDIMENT IS AT, OR ABOVE, 80 mm PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- ISOLATOR ROW**
- REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
 - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - FOLLOW H&S REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - 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 FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 1.1 m OR MORE IS PREFERRED
 - APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - 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.

ISSUE	DATE	DESCRIPTION	MR	MS	POD	JPC
P3	05.09.24	ISSUED FOR PLANNING	MR	MS	POD	JPC
P2	10.07.24	ISSUED TO LDA FOR COMMENT	MR	MS	POD	JPC
P1	06.06.24	ISSUED FOR COMMENT	MR	MS	POD	JPC

PLANNING

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THE INSTITUTION OF STRUCTURAL ENGINEERS **ACEI** **IFICE**

APPLICANT: **DÚN LAOGHAIRE-RATHDOWN COUNTY COUNCIL**

AGENT: **LAND DEVELOPMENT AGENCY**

PROJECT TITLE: **PROPOSED PART 10 RESIDENTIAL DEVELOPMENT, DUNDRUM CENTRAL DEVELOPMENT, DUNDRUM ROAD, DUBLIN 14.** BM PROJECT No: **20.170**

MODEL REFERENCE: **MODEL REV** SUITABILITY

DRAWING TITLE: **SuDS DETAILS. TYPICAL STORMTECH ATTENUATION TANK DETAILS**

DRAWING No: **DCD-BMD-00-00-DR-C-11208** ISSUE: **P3**