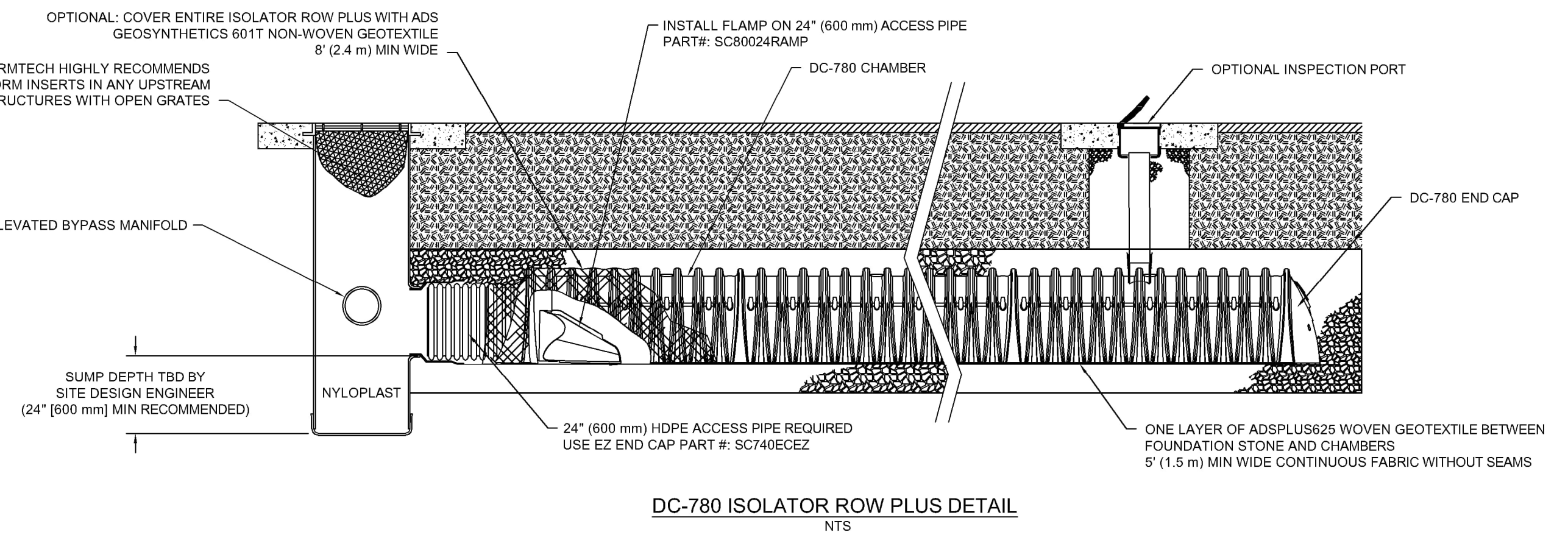
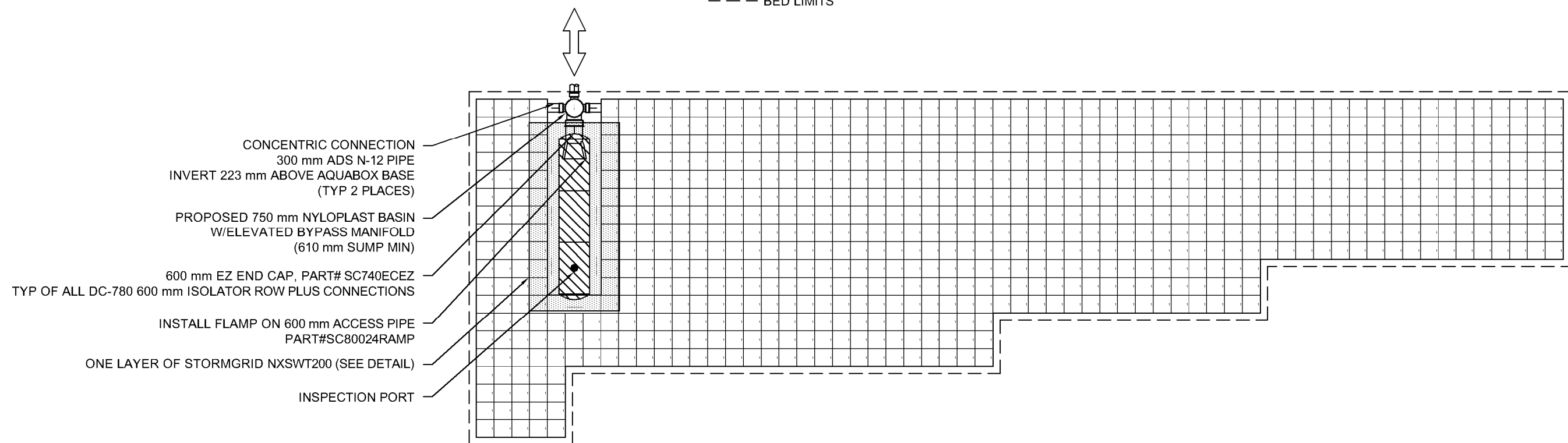
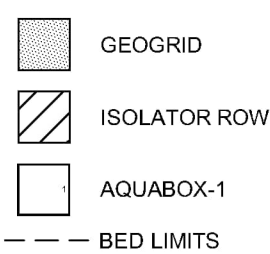




PROPOSED LAYOUT			
752	AQUABOX-1 (1 LAYER)	0	MODULE INSPECTION PORTS
752	AQUABOX FULL MODULE	1	CHAMBER INSPECTION PORTS
0	AQUABOX CUBE MODULE		
3	STORMTECH DC-780 CHAMBERS		
2	STORMTECH DC-780 END CAPS		
152	STONE ABOVE (mm)		
152	STONE BELOW (mm)		
40	% STONE VOID		
<b>372.9</b>	<b>INSTALLED SYSTEM VOLUME (m³) (PERIMETER STONE INCLUDED)</b>		
103.109	ABOVE ELEVATION 100.XXX.XXX - XXX.XXX		
480.7	EXCAVATION AREA (m²)		
122.5	EXCAVATION PERIMETER (m)		
425.2	MODULE AREA (m²)		
136.6	MODULE PERIMETER (m)		
PROPOSED ELEVATIONS			
103.109	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED)		
101.738	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)		
101.585	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC)		
101.585	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT)		
101.585	MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT)		
101.280	TOP OF STONE		
101.128	TOP OF MODULE		
101.090	TOP OF DC-780 CHAMBER		
100.551	300 mm CONCENTRIC CONNECTION		
100.331	600 mm ISOLATOR ROW CONNECTION		
100.328	BOTTOM OF MODULE		
100.176	BOTTOM OF STONE		

**NOTES**

- STRUCTURES SHOWN ON THIS DESIGN ARE NOT INTENDED FOR MANWAY ACCESS. INSPECTION AND MAINTENANCE OF THE SYSTEM VIA THESE STRUCTURES IS RECOMMENDED TO BE COMPLETED WITH REMOTE CONTROLLED EQUIPMENT, OR ADHERE TO GUIDANCE BY PROFESSIONAL MAINTENANCE COMPANY.
- THE SITE DESIGN ENGINEER MUST CONSIDER THE EFFECTS OF POSSIBLE SATURATED SOILS ON NEARBY SYSTEMS, INCLUDING BUT NOT LIMITED TO, RETAINING WALLS, SLOPE CONSTRUCTION/STABILITY, OR BUILDINGS/STRUCTURES. NO FOUNDATION LOADS SHALL BE TRANSMITTED TO THE CHAMBERS.
- NOT FOR CONSTRUCTION:** THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.



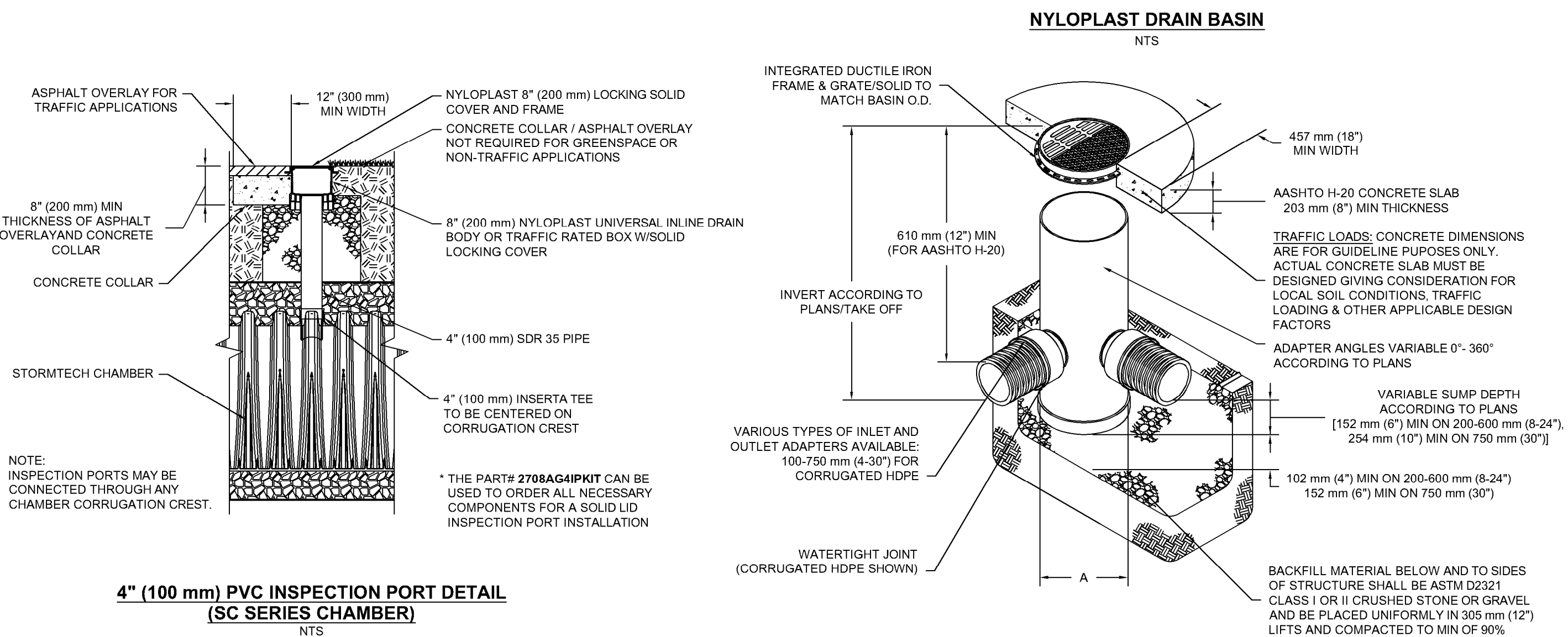
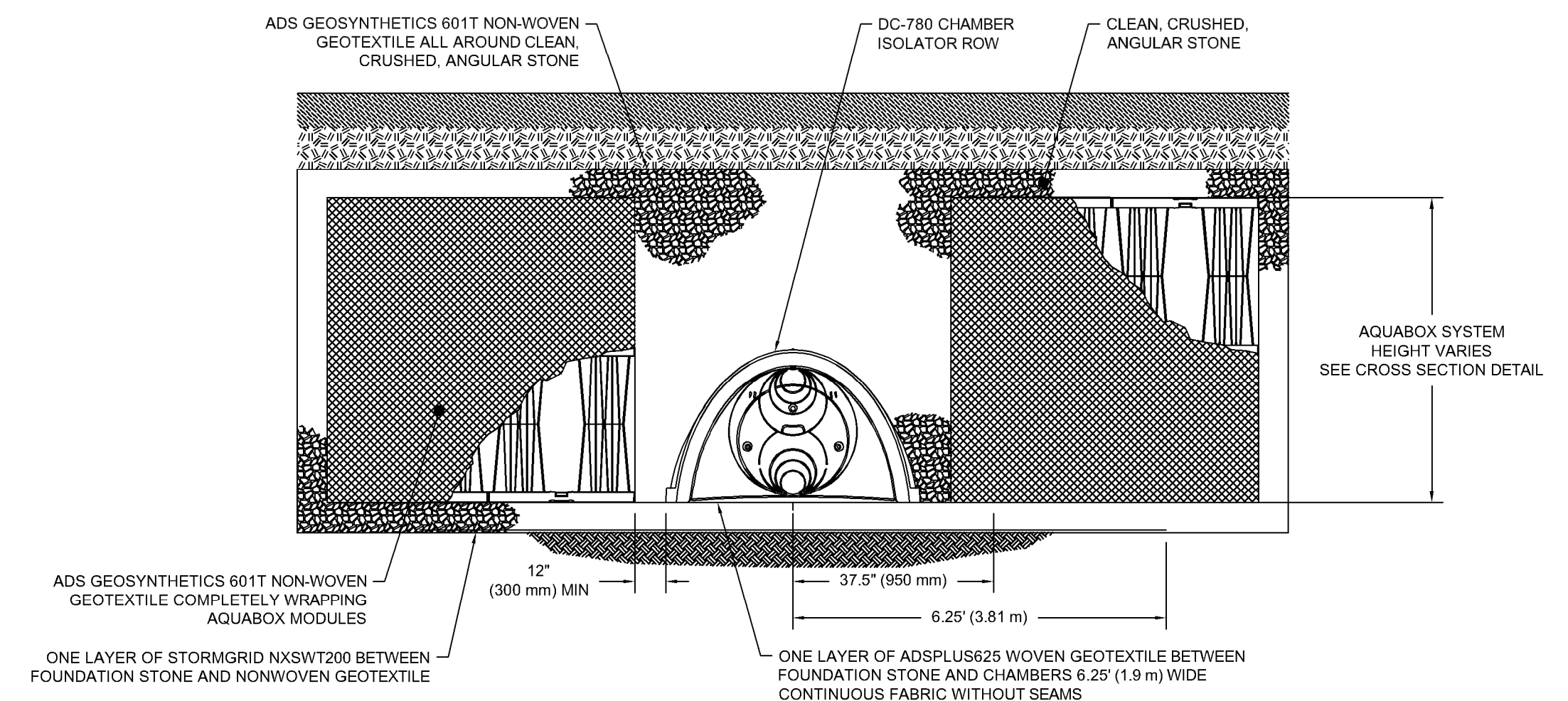
DC-780 ISOLATOR ROW PLUS DETAIL  
NTS

**INSPECTION & MAINTENANCE**

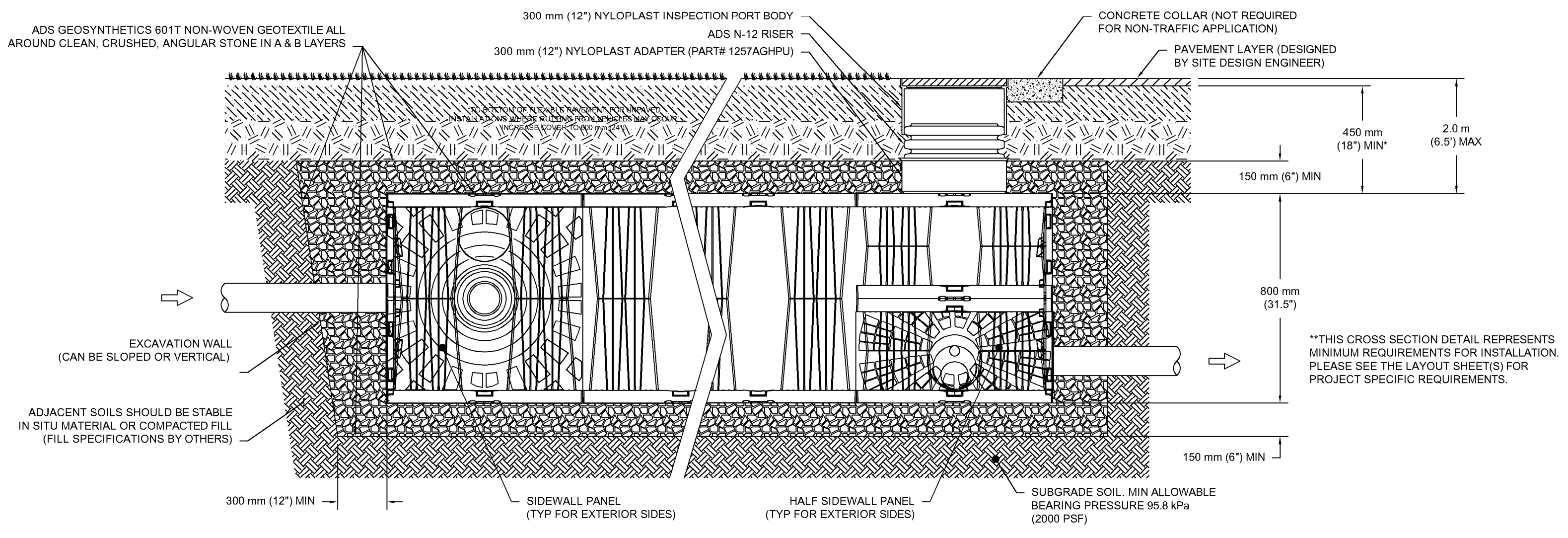
- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF MAINTENANCE ROW
  - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (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 AQUABOX 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.



NYLOPLAST DRAIN BASIN  
NTS



4" (100 mm) PVC INSPECTION PORT DETAIL  
(SC SERIES CHAMBER)  
NTS

- NOTE:**
- PROPERTY LINE IS APPROXIMATE ONLY AND SHOULD NOT BE USED FOR DETERMINING SETBACKS OR LAYOUT.
  - EXISTING TOPOGRAPHICAL INFORMATION PROVIDED BY STANTEC, DATED JANUARY 23, 2026.
  - ALL MVCA LINEWORK SHOWN ON THIS PLAN IS TAKEN FROM SHAPEFILE PROVIDED BY STANTEC AND IS APPROXIMATE ONLY.
  - INVERTS DENOTED WITH "±" ARE TAKEN FROM AS-BUILT PLAN AND PROFILE DRAWINGS COMPLETED BY IBI GROUP, DATED OCTOBER 7, 2015, AND GENERAL PLAN OF SERVICES PLAN PREPARED BY IBI GROUP, DATED AUGUST 21, 2013 AND ARE CONSIDERED APPROXIMATE ONLY. CONTRACTOR TO FIELD VERIFY AND REPORT ANY DISCREPANCIES TO ENGINEER.
  - THIS PLAN IS PART OF A SET OF PLANS WHICH COMPRISE OF THE FOLLOWING: C1.1, C2.0, C2.1, C2.2, C2.3, C2.4, C2.5 AND C2.6.

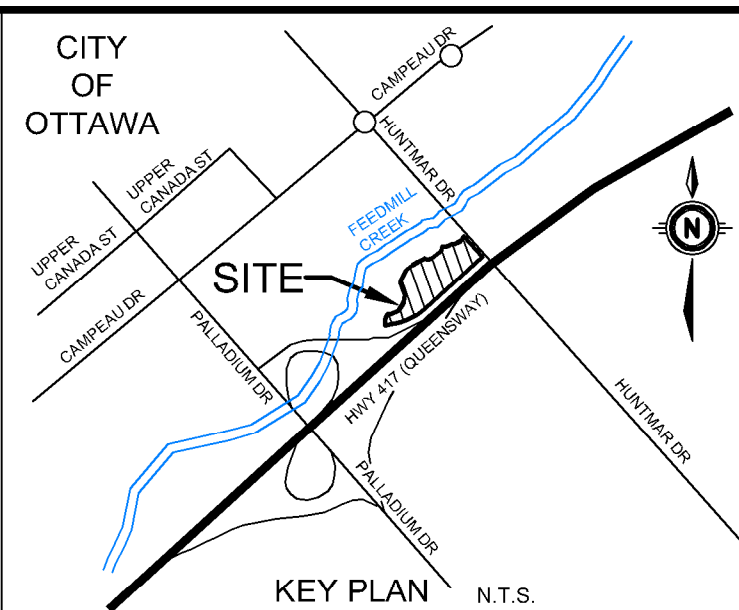
**NOTE TO CONTRACTOR:**

DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.



No.	REVISION	DATE	BY
1.	ISSUED FOR SITE PLAN CONTROL	2026-04-01	AXS
2.			



GEODEIC BM	ELEV. =	m
REFER TO SURVEY COMPLETED BY STANTEC, DATED JANUARY 23, 2026		
SITE BENCHMARK	ELEV. =	m
SEE ABOVE		

CLIENT  
**IRONCLAD DEVELOPMENTS**  
101-57158 SYMINGTON RD 20E  
SPRINGFIELD, MB

319 HUNTMAR DRIVE  
STITTSVILLE, ON

DRAWING  
**DETAILS AND NOTES PLAN 2**

Design By: DXN/LEI  
Checked By: DAC  
Date: 2026-02-12

Project Manager: A. SAWATSKY  
Project No.: 65860\_001  
Drawing No.:  
N.T.S.

**C2.6**  
Sheet 8 of 8