

PROPOSED LAYOUT

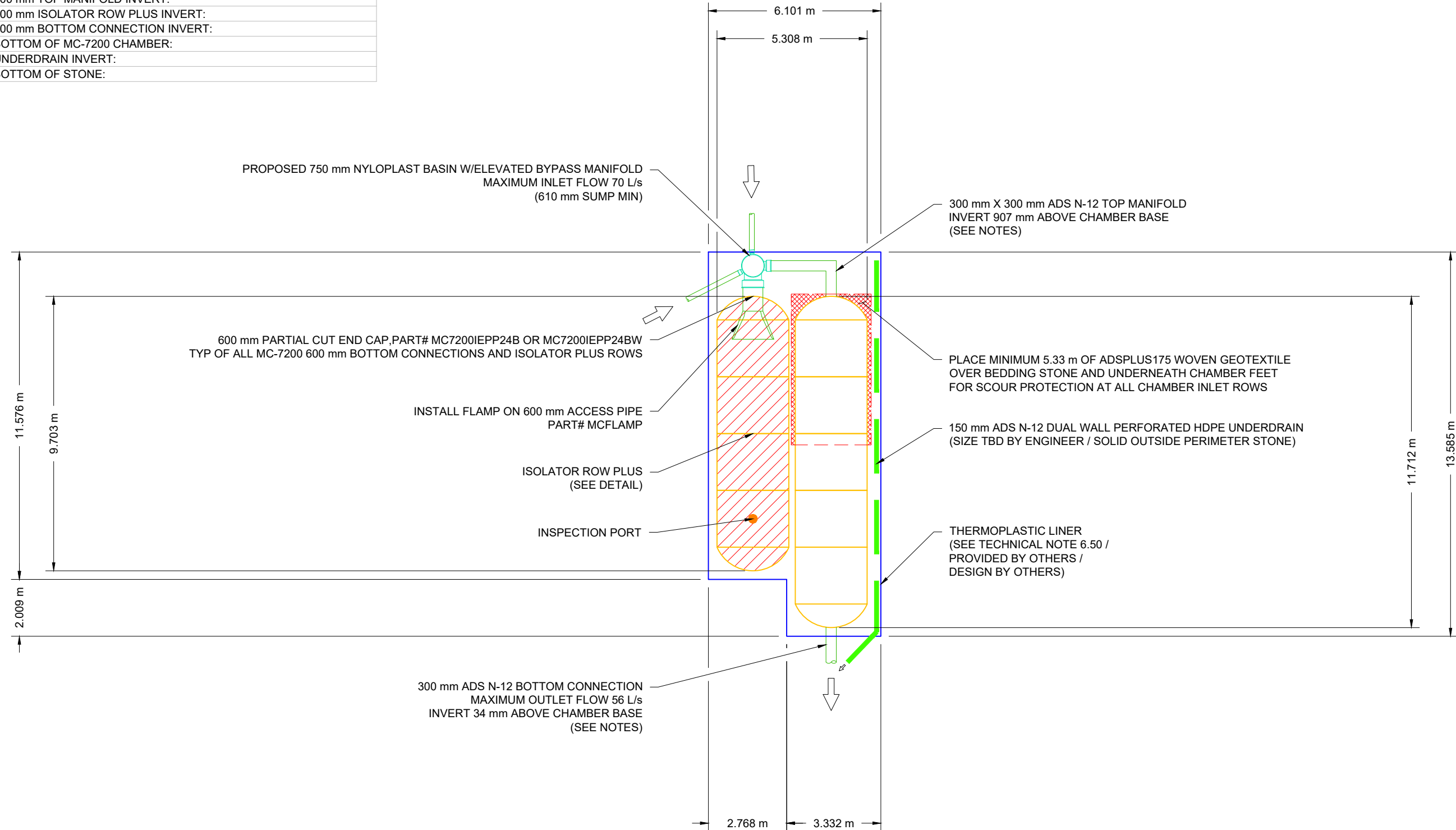
9	STORMTECH MC-7200 CHAMBERS
4	STORMTECH MC-7200 END CAPS
305	STONE ABOVE (mm)
229	STONE BELOW (mm)
0	% STONE VOID
49.3	INSTALLED SYSTEM VOLUME (m³) (PERIMETER STONE INCLUDED)
77.3	SYSTEM AREA (m²)
39.4	SYSTEM PERIMETER (m)

PROPOSED ELEVATIONS

233.133	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):
231.761	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):
231.609	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):
231.609	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):
231.609	MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT):
231.304	TOP OF STONE:
230.999	TOP OF MC-7200 CHAMBER:
230.382	300 mm TOP MANIFOLD INVERT:
229.532	600 mm ISOLATOR ROW PLUS INVERT:
229.514	300 mm BOTTOM CONNECTION INVERT:
229.475	BOTTOM OF MC-7200 CHAMBER:
229.246	UNDERDRAIN INVERT:
229.246	BOTTOM OF STONE:

NOTES

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECHNICAL NOTE 6.32 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- **THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.**
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- ADS DOES NOT DESIGN OR PROVIDE MEMBRANE LINER SYSTEMS. TO MINIMIZE THE LEAKAGE POTENTIAL OF LINER SYSTEMS, THE MEMBRANE LINER SYSTEM SHOULD BE DESIGNED BY A KNOWLEDGEABLE GEOTEXTILE PROFESSIONAL AND INSTALLED BY A QUALIFIED CONTRACTOR.
- 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.
- THIS DRAWING IS NOT INTENDED FOR USE IN BIDDING OR CONSTRUCTION WITHOUT THE PRIOR APPROVAL OF THE PROJECT'S ENGINEER OF RECORD ("EOR"). AS WITH ALL PROPOSED ADS LAYOUTS, THE EOR SHOULD REVIEW AND APPROVE THIS DRAWING PRIOR TO USE IN BIDDING AND/OR CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE EOR TO ENSURE THAT THE PRODUCT(S) DEPICTED AND THE ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS AND PROJECT REQUIREMENTS.



AIR CANADA PARK			
345 PORTAGE AVE			
WINNIPEG, MB.			
DATE:	09-06-23	DRAWN:	JR
PROJECT #:	S372715	CHECKED:	JR

DATE	DESCRIPTION
02/09/24	REVISED PER NEW PLAN
	DRWN CHKD
	RCT
	RCT

StormTech®
Chamber System
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4640 TRUEMAN BLVD
HILLIARD, OH 43026

SCALE = 1 : 150

THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DRAWING PRIOR TO CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.