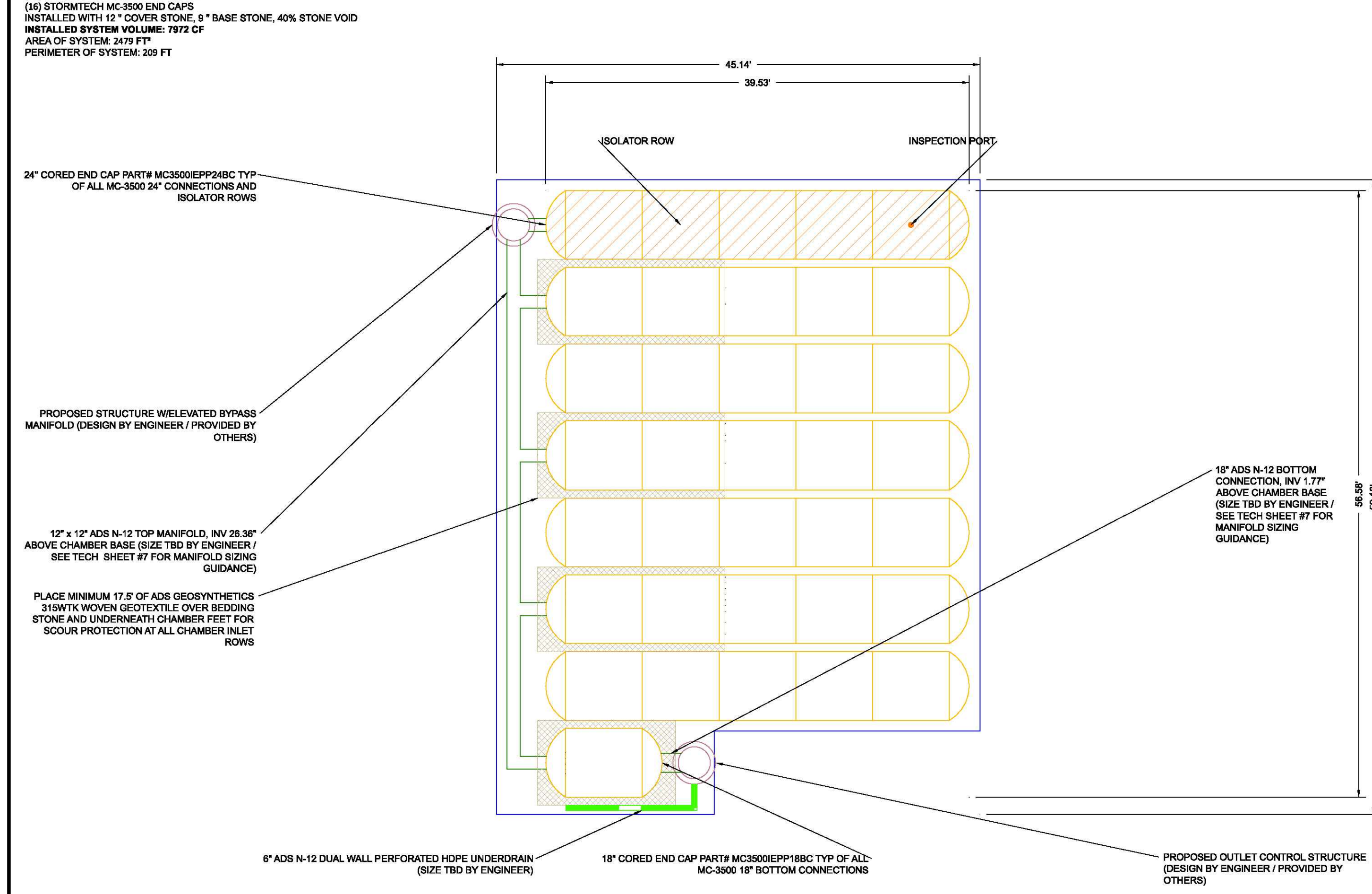


CONCEPTUAL LAYOUT
 (86) STORMTECH MC-3500 CHAMBERS
 (46) STORMTECH MC-3500 END CAPS
 INSTALLED WITH 12" COVER STONE, 9" BASE STONE, 40% STONE VOID
 INSTALLED SYSTEM VOLUME: 7972 CF
 AREA OF SYSTEM: 2479 FT²
 PERIMETER OF SYSTEM: 209 FT

COMPUTER GENERATED CONCEPTUAL LAYOUT - NOT FOR CONSTRUCTION



REV	DATE	DESCRIPTION

StormTech
 4445 WILKINSON BLVD
 HULLAND, OH 43028
 1-800-732-7473

NOT TO SCALE

SHEET 2 OF 6

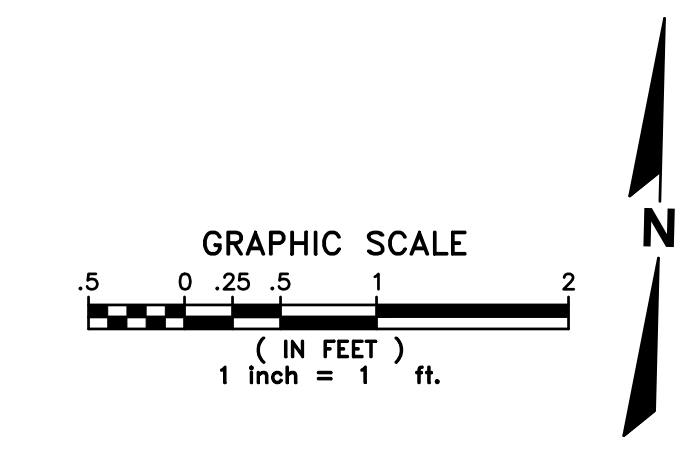
RASN-3160228	MONROVIA, CA
DATE: 08/14/2017	DRAWN: SJJ
PROJECT #: 1604	CHECKED: SJJ

HYDROCALC - L.I.D. ANALYSIS

Peak Flow Hydrologic Analysis
 File location: Q:\3160228\Eng Data\Hydrology\Project - SITE WIDE.pdf
 Version: HydroCalc 0.3.1

Input Parameters	
Project Name	Project
Subarea ID	SITE WIDE
Area (ac)	1.926
Flow Path Length (ft)	289.0
Flow Path Slope (vft/hft)	0.01
85th Percentile Rainfall Depth (in)	1.2
Percent Impervious	0.85
Soil Type	7
Design Storm Frequency	85th percentile storm
Fire Factor	0.71
LID	True
Output Results	
Modeled (85th percentile storm) Rainfall Depth (in)	1.2
Peak Intensity (in/hr)	0.4144
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.78
Time of Concentration (min)	16.0
Clear Peak Flow Rate (cfs)	0.6226
Burned Peak Flow Rate (cfs)	0.6549
24-Hr Clear Runoff Volume (ac-ft)	0.149
24-Hr Clear Runoff Volume (cu-ft)	6489.8706

VOLUME TO BE RETAINED ON-SITE



RA SMITH NATIONAL ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF RA SMITH NATIONAL.

THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

WDID NO.: PENDING



tharaldsonhospitality
DEVELOPMENT

DESCRIPTION	DATE

R.A. Smith National
Beyond Surveying and Engineering
 www.rasmithnational.com

MONROVIA HOTEL
 E HUNTINGTON DRIVE & S MYRTLE AVENUE

CONCEPTUAL L.I.D. PLAN

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 R.A. Smith National, Inc.
 DATE: 08/14/17
 SCALE: #####
 JOB NO. 3160228
 PROJECT MANAGER:
 SAMUEL JACOBY
 DESIGNED BY: EAR
 CHECKED BY: SJJ

SHEET NUMBER
 4 OF 4

C:\3160228\Eng\Drawings\LDPlan\420_pld.dwg, 4 of 4, CONCEPTUAL L.I.D. PLAN, 8/11/2017 10:57:21 PM, sjj