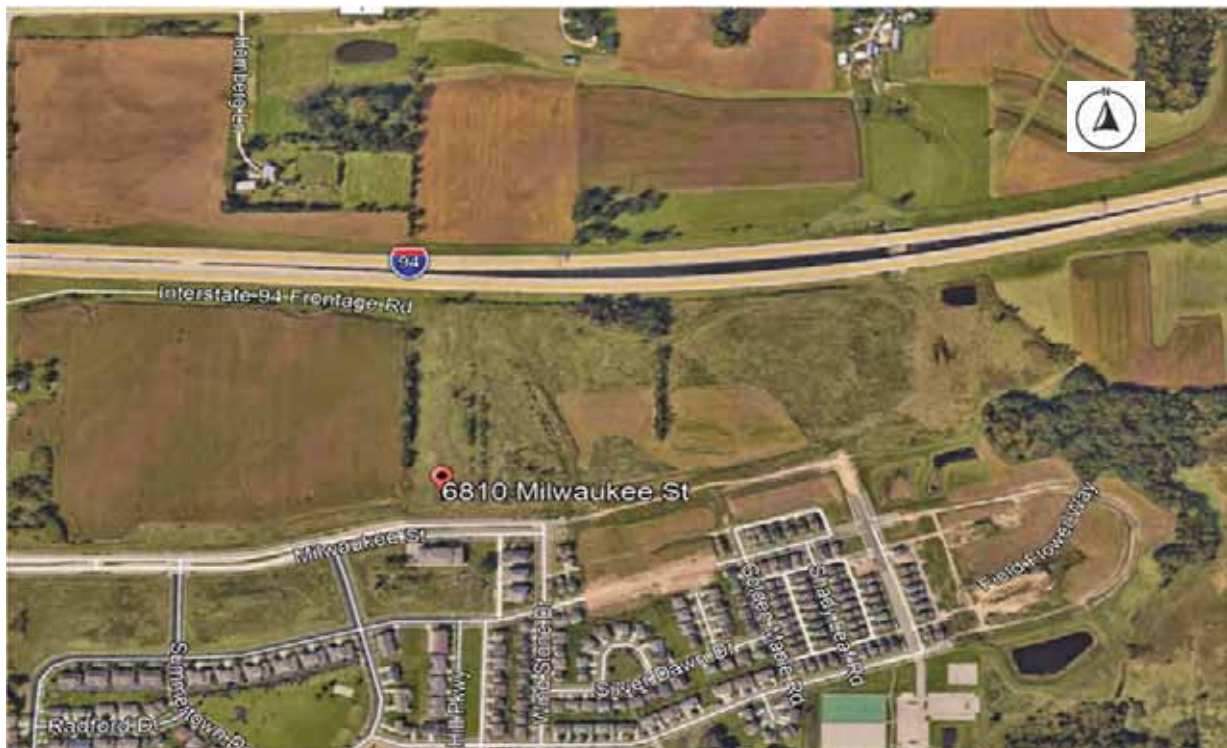
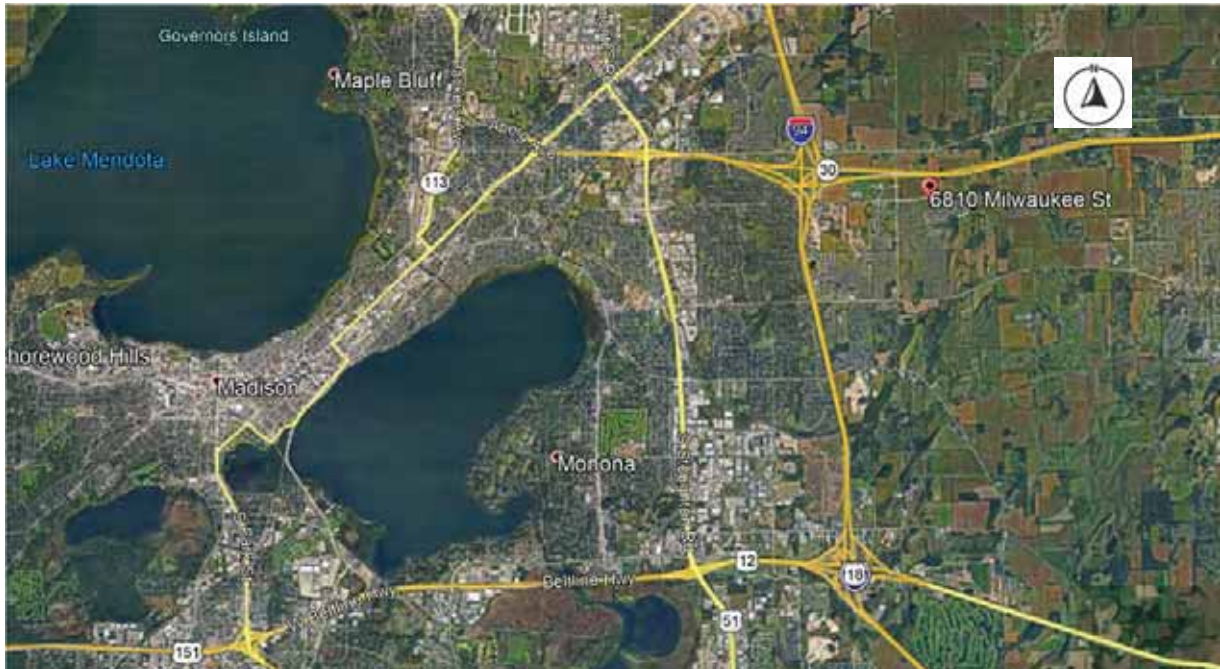




Locator Maps



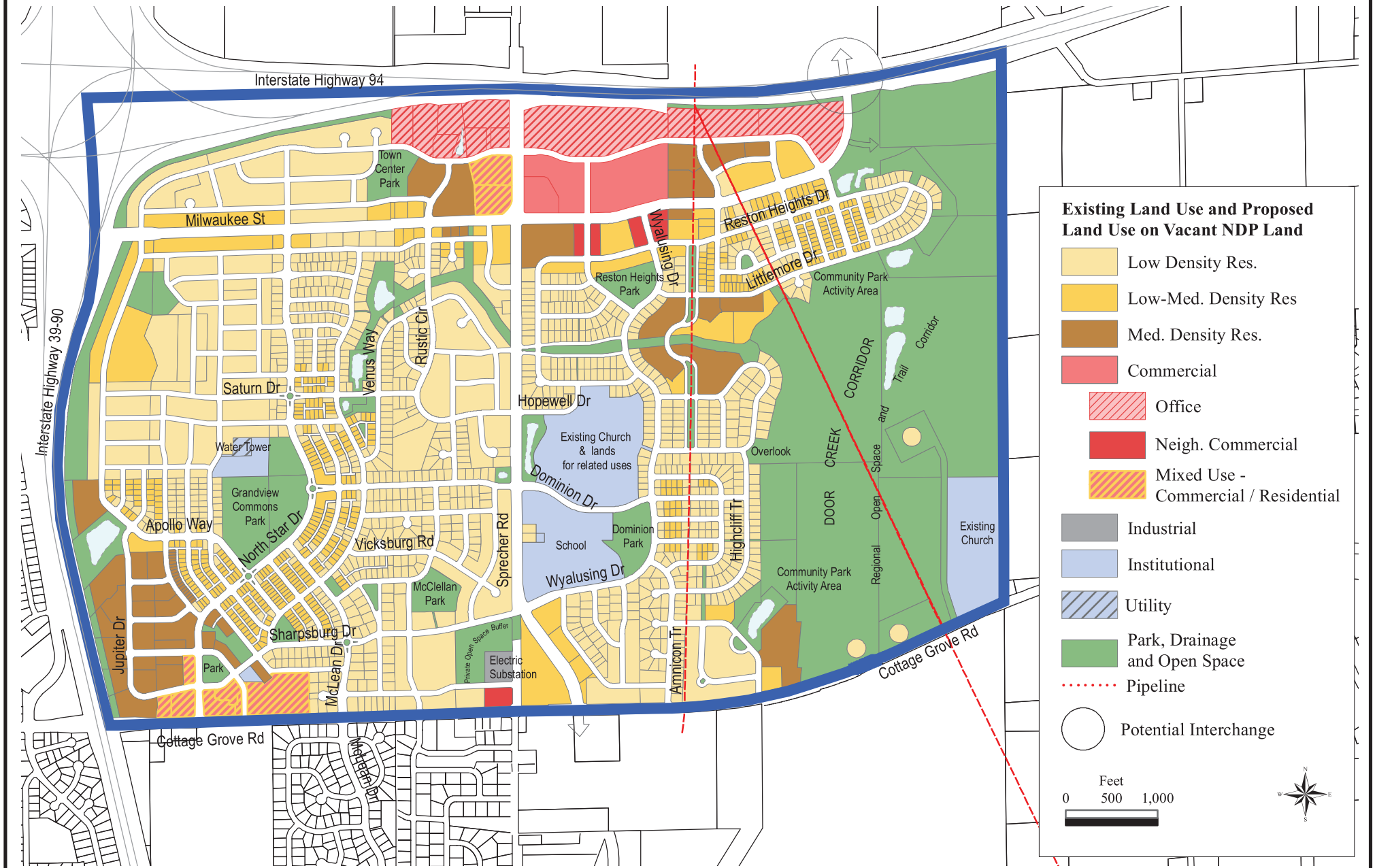
KCG Development

9333 North Meridian Street Suite 230 | Indianapolis, IN | 46260 | (317) 708-0943

www.kcgcompanies.com

Sprecher Neighborhood Development Plan

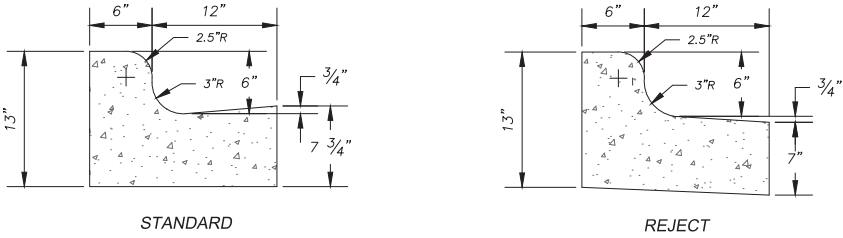
As Adopted January 1998, Amended May 1999, May 2001, November 2001, March 2005 & March 2012
and implemented through subdivision and zoning approvals



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V:\Projects\2

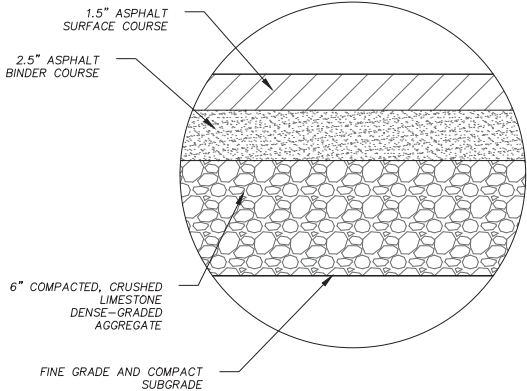
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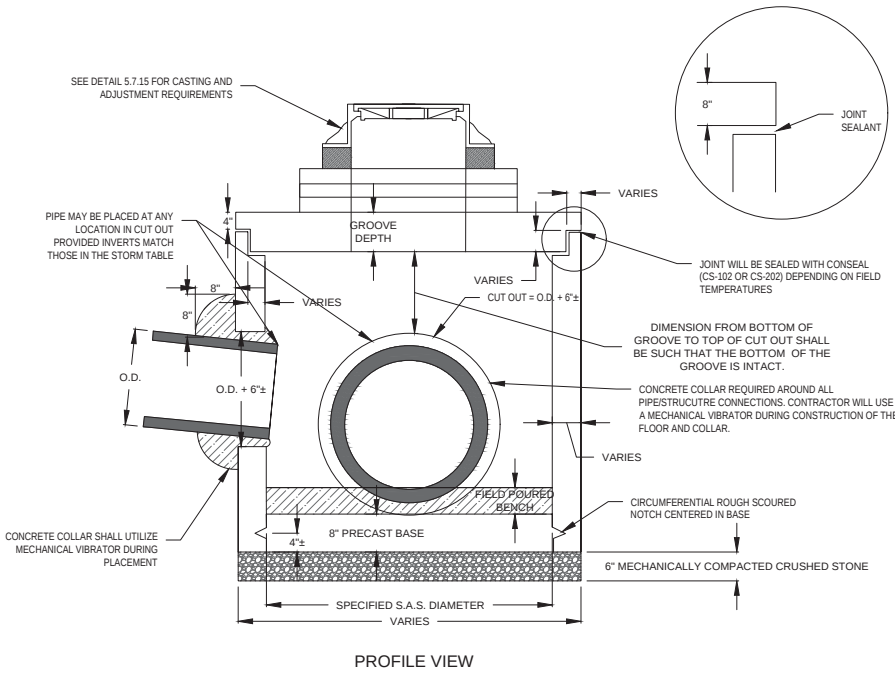
NOTES:

1. LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH. EXPANSION JOINTS SHALL BE PLACED TRANSVERSELY AT RADIUS POINTS ON CURVES OF RADIUS 200' OR LESS, AND AT ANGLE POINTS, OR AS DIRECTED BY THE ENGINEER.
2. THE EXPANSION JOINT SHALL BE A ONE PIECE ASPHALTIC MATERIAL HAVING THE SAME DIMENSIONS AS CURB & GUTTER AT THAT STATION AND BE 1/2" THICK. IN ALL CASES, CONCRETE CURB & GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE.

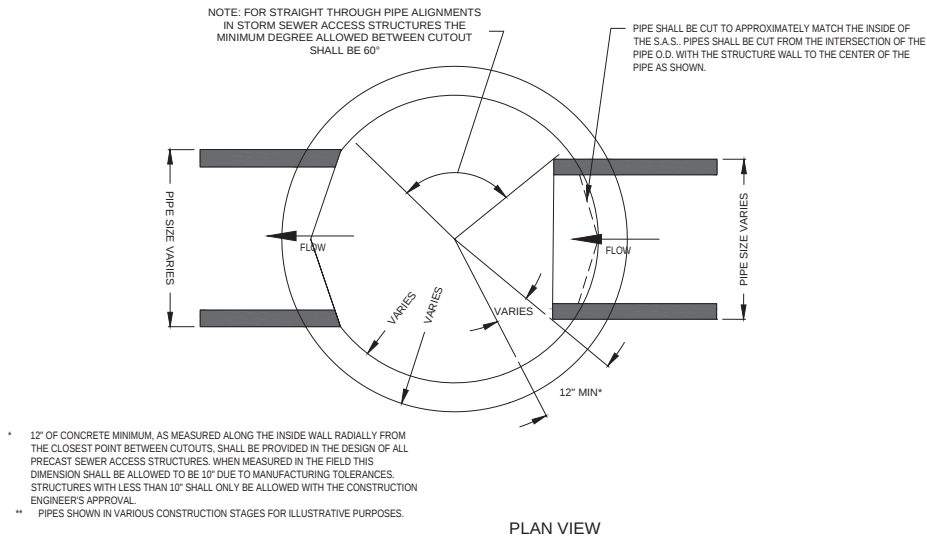
1 CONCRETE CURB & GUTTER
C4.1 SCALE: NTS



V:\Projects\2018\118.1129\118.1129\118.1129_2\AN.dwg, 5/23/2019 1:59:08 PM, barakat, AUTOCAD PDF (General Documentation) p25, ANSI full sheet D (24.00 x 22.00 inches), 1:1



NOTE: ALL STORM SEWER ACCESS STRUCTURES (S.A.S.) SHALL BE CONSTRUCTED IN COMPLIANCE WITH ASTM C478.





The Meadowlands (A-1)

Madison, WI

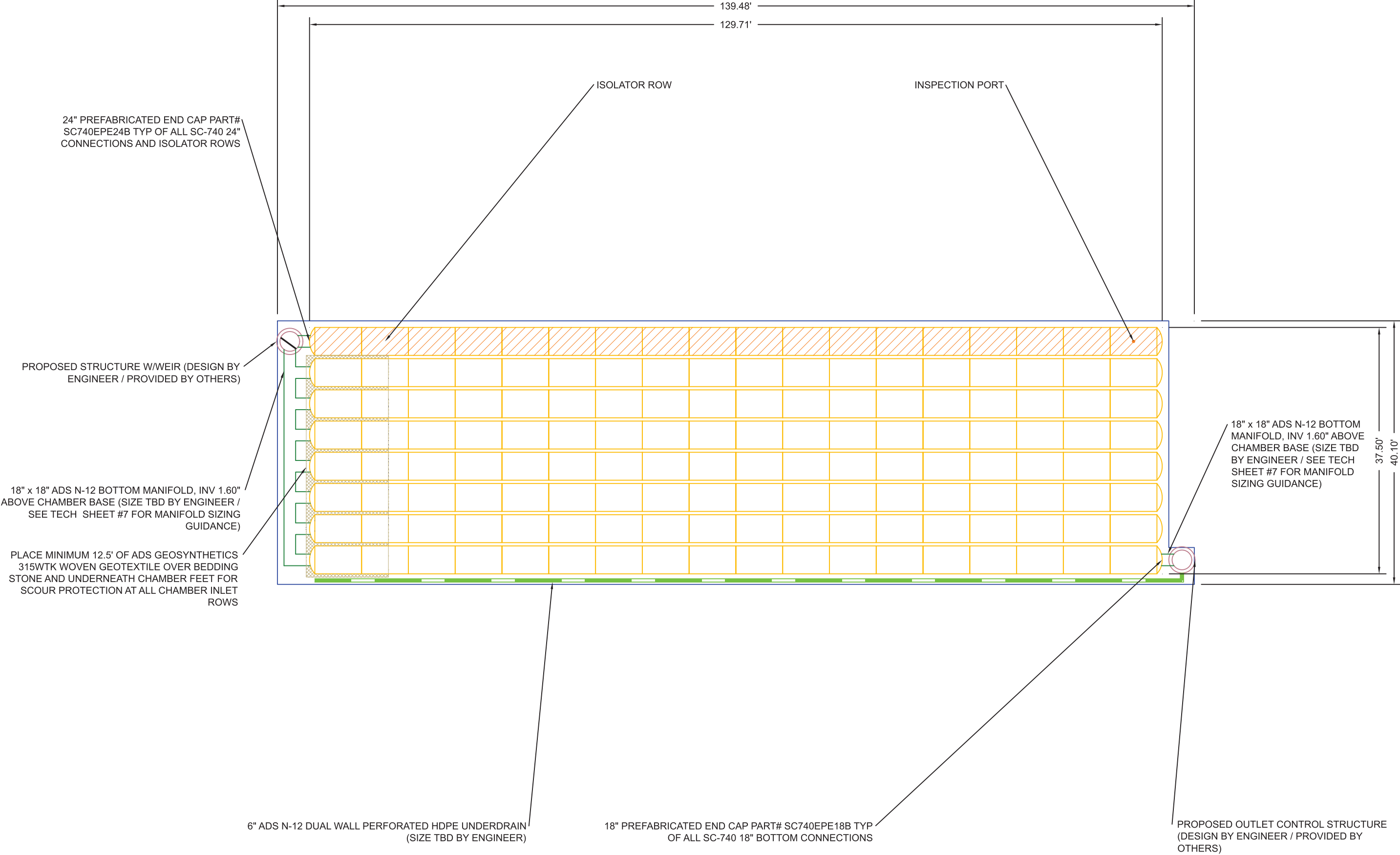
STORMTECH CHAMBER SPECIFICATIONS

1. CHAMBERS SHALL BE STORMTECH SC-740, SC-310, OR APPROVED EQUAL.
2. CHAMBERS SHALL BE MANUFACTURED FROM VIRGIN POLYPROPYLENE OR POLYETHYLENE RESINS.
3. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORT PANELS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
4. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
5. CHAMBERS SHALL MEET ASTM F2922 (POLYETHYLENE) OR ASTM F2418 (POLYPROPYLENE), "STANDARD SPECIFICATION FOR THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
6. CHAMBERS SHALL BE DESIGNED AND ALLOWABLE LOADS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
7. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. THE CHAMBER MANUFACTURER SHALL SUBMIT THE FOLLOWING UPON REQUEST TO THE SITE DESIGN ENGINEER FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE:
 - a. A STRUCTURAL EVALUATION SEALED BY A REGISTERED PROFESSIONAL ENGINEER THAT DEMONSTRATES THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY AASHTO FOR THERMOPLASTIC PIPE.
 - b. A STRUCTURAL EVALUATION SEALED BY A REGISTERED PROFESSIONAL ENGINEER THAT DEMONSTRATES THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET. THE 50 YEAR CREEP MODULUS DATA SPECIFIED IN ASTM

CONCEPTUAL LAYOUT

(144) STORMTECH SC-740 CHAMBERS
(16) STORMTECH SC-740 END CAPS
INSTALLED WITH 6 " COVER STONE, 30 " BASE STONE, 40% STONE VOID
INSTALLED SYSTEM VOLUME: 15980 CF
AREA OF SYSTEM: 5459 FT²
PERIMETER OF SYSTEM: 359 FT

COMPUTER GENERATED CONCEPTUAL LAYOUT - NOT FOR CONSTRUCTION



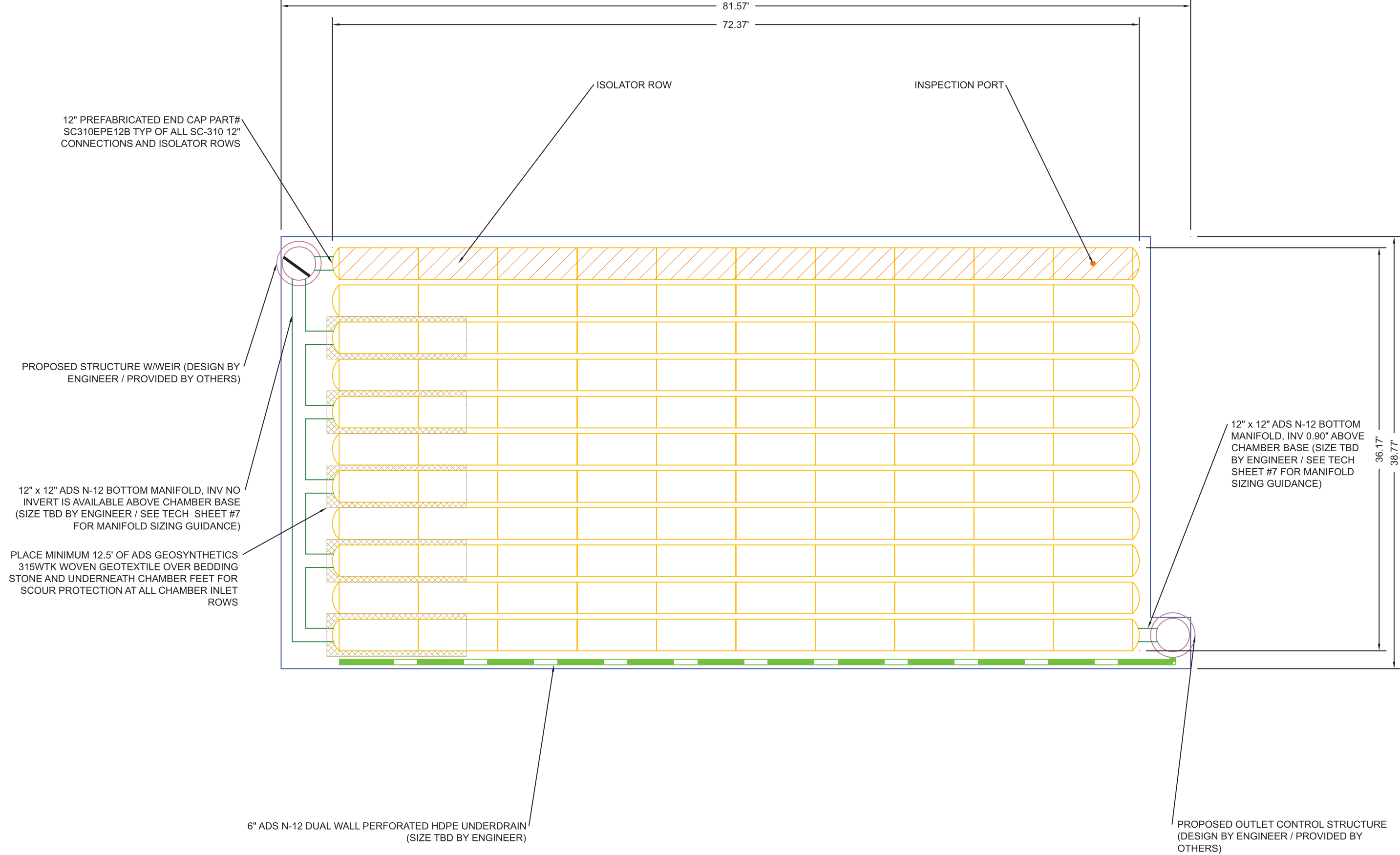
4



CONCEPTUAL LAYOUT

(110) STORMTECH SC-310 CHAMBERS
(22) STORMTECH SC-310 END CAPS
INSTALLED WITH 6 " COVER STONE, 30 " BASE STONE, 40% STONE VOID
INSTALLED SYSTEM VOLUME: 6242 CF
AREA OF SYSTEM: 3039 FT²
PERIMETER OF SYSTEM: 241 FT

COMPUTER GENERATED CONCEPTUAL LAYOUT - NOT FOR CONSTRUCTION



The Meadowlands (A-2)
Madison, WI

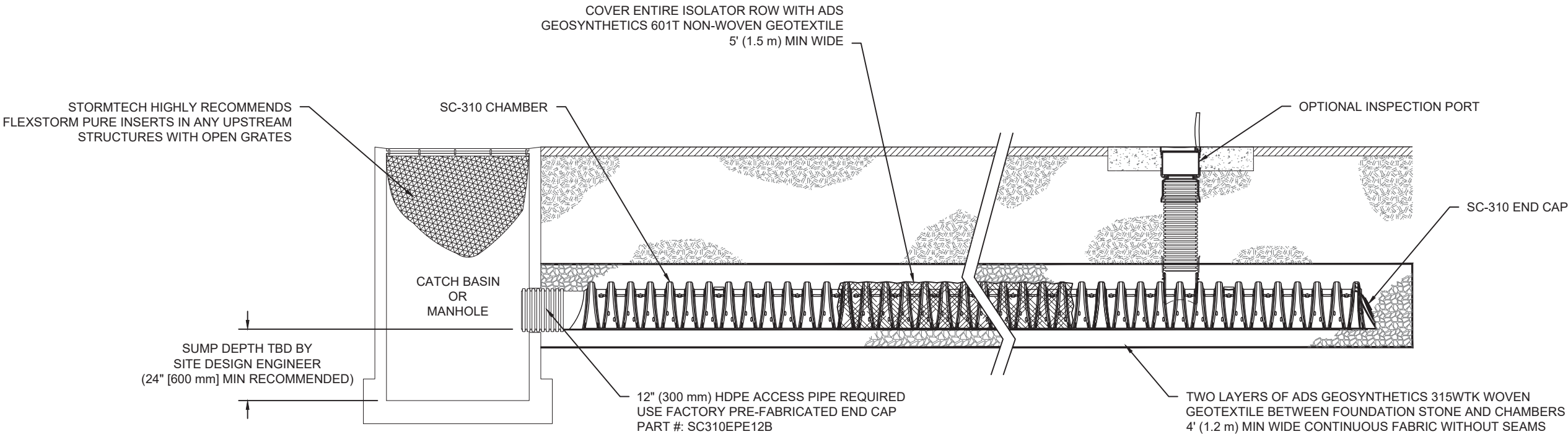
DATE: 01/29/2019
PROJECT #: Tool

DRAWN: BA
CHECKED: ---

REV	DRW	CHK	DESCRIPTION

**Stormtech**
Detention • Retention • Water Quality

70 INWOOD ROAD, SUITE 3 | ROCKY HILL, CT | 06067
860-529-8188 | 888-892-2694 | WWW.STORMTECH.COM

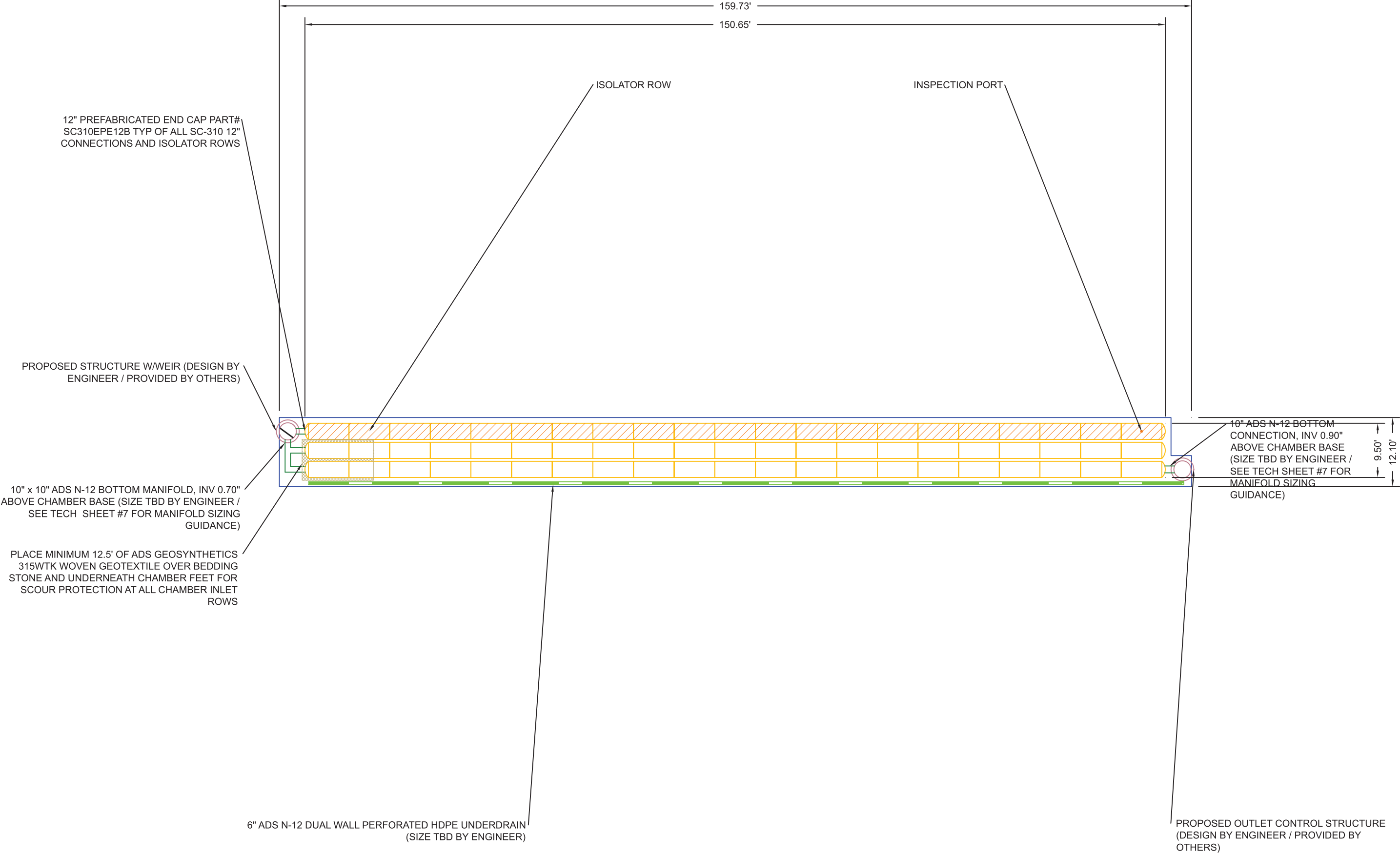




CONCEPTUAL LAYOUT

(63) STORMTECH SC-310 CHAMBERS
(6) STORMTECH SC-310 END CAPS
INSTALLED WITH 6 " COVER STONE, 24 " BASE STONE, 40% STONE VOID
INSTALLED SYSTEM VOLUME: 3485 CF
AREA OF SYSTEM: 1909 FT²
PERIMETER OF SYSTEM: 344 FT

COMPUTER GENERATED CONCEPTUAL LAYOUT - NOT FOR CONSTRUCTION



 ADVANCED DRAINAGE SYSTEMS, INC. 4640 TRUEMAN BLVD HILLIARD, OH 43026 1-800-733-7473	The Meadowlands (A-3) Madison, WI	
	DATE: 01/29/2019	DRAWN: BA
	PROJECT #: Tool	CHECKED: ---
	SHEET 2 OF 5	

REV	DRW	CHK	DESCRIPTION


Detention • Retention • Water Quality
70 NWWOOD ROAD, SUITE 3 | ROCKY HILL, CT | 06067
860-529-8188 | 888-892-2694 | WWW.STORMTECH.COM

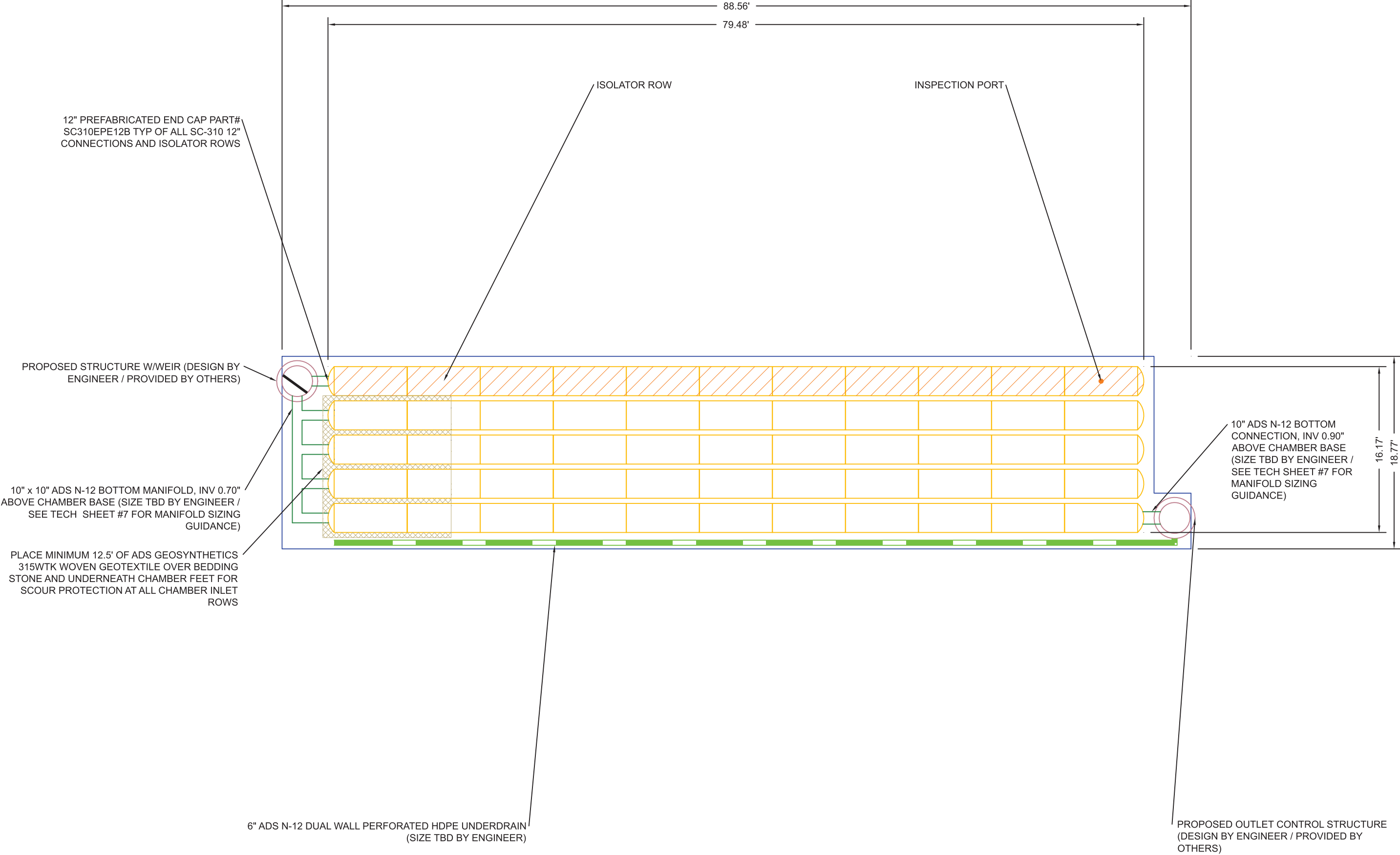
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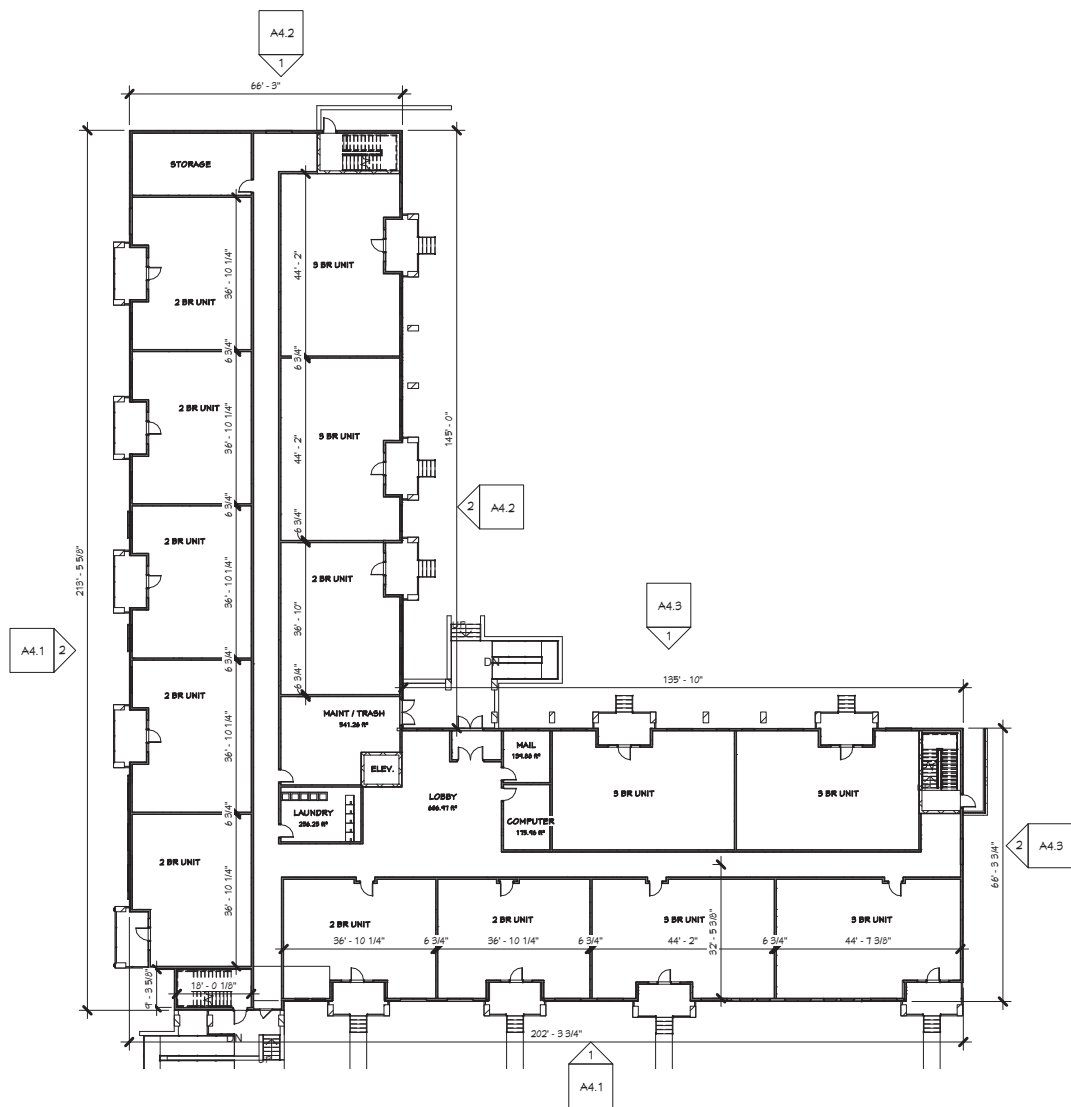


CONCEPTUAL LAYOUT

(55) STORMTECH SC-310 CHAMBERS
(10) STORMTECH SC-310 END CAPS
INSTALLED WITH 6 " COVER STONE, 24 " BASE STONE, 40% STONE VOID
INSTALLED SYSTEM VOLUME: 2962 CF
AREA OF SYSTEM: 1614 FT²
PERIMETER OF SYSTEM: 215 FT

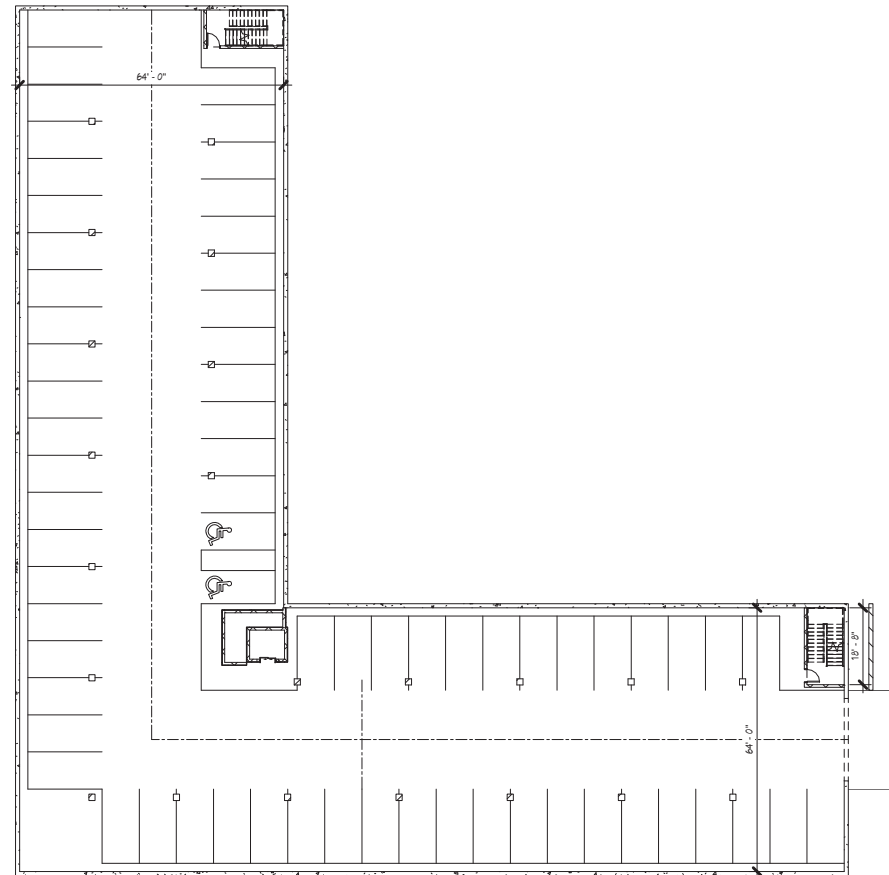
COMPUTER GENERATED CONCEPTUAL LAYOUT - NOT FOR CONSTRUCTION

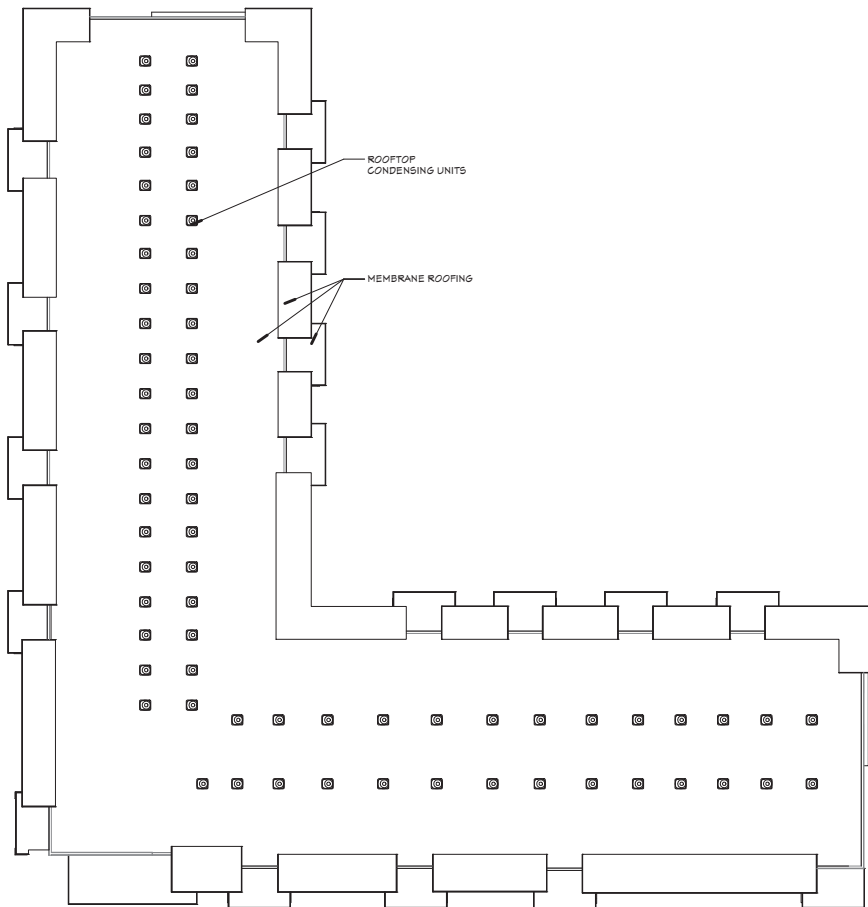




BLDG 1 - MAIN LEVEL PLAN

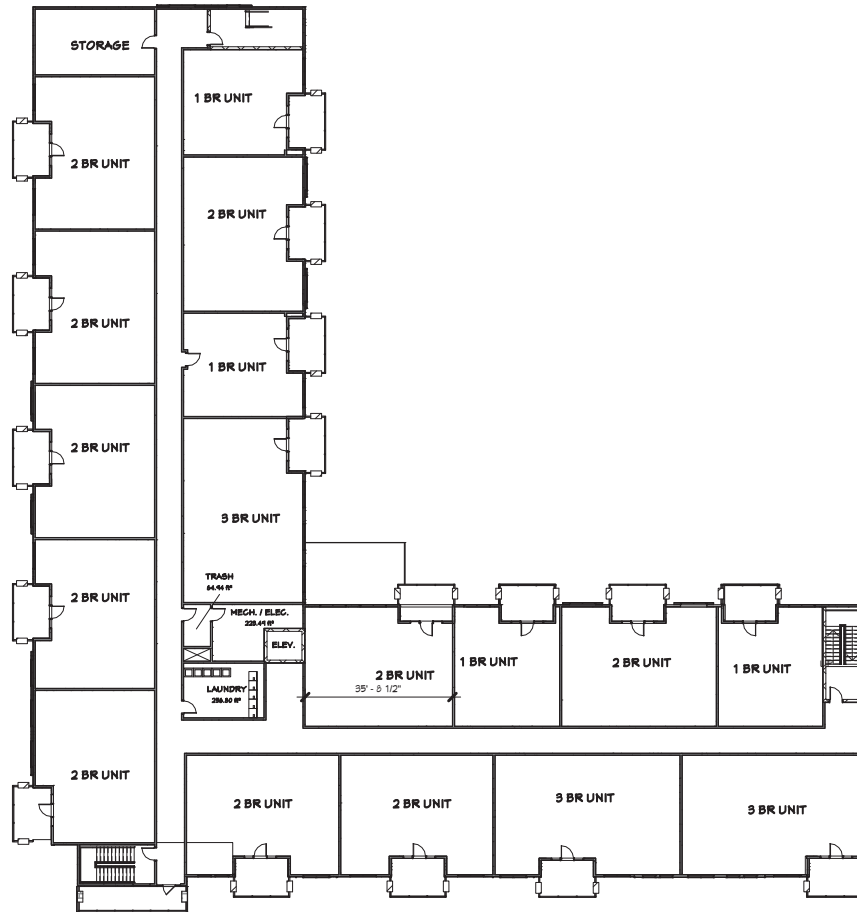
3/164" = 1'-0"





ROOF PLAN

3/64" = 1'-0"



BLDG 1 - SECOND FLOOR PLAN

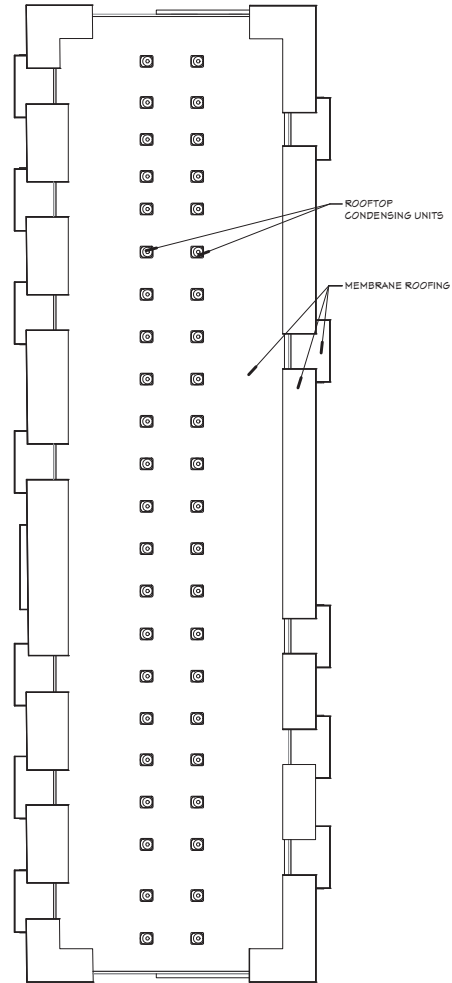
3/64" = 1'-0"

(THIRD AND FOURTH SIM.)

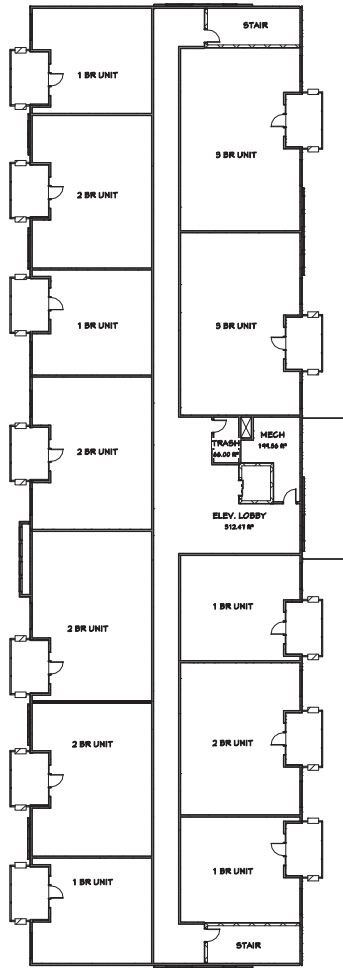
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DJ

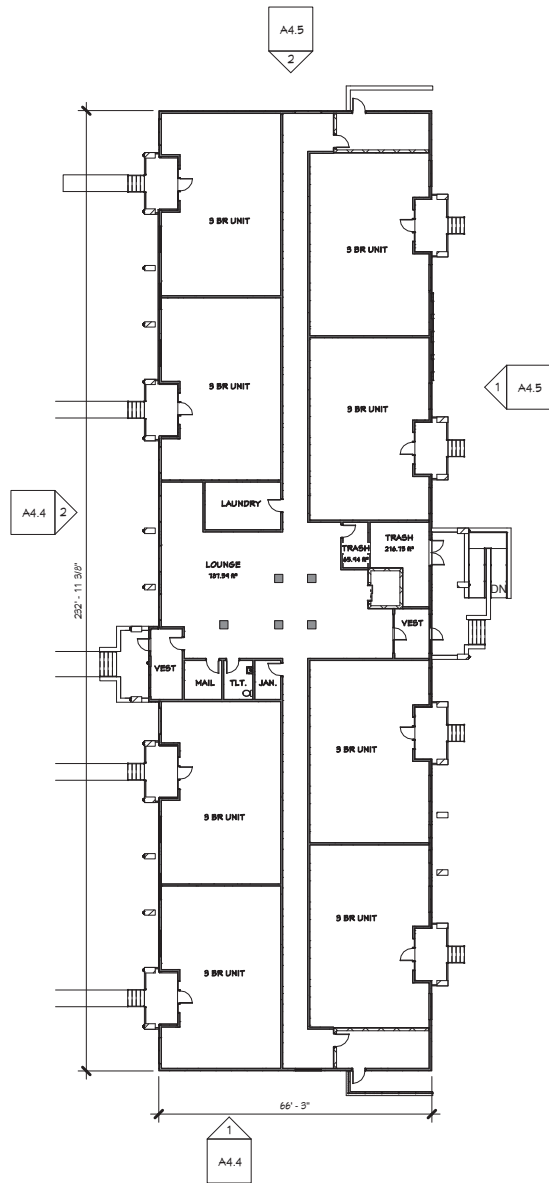
HOOKER | DE JONG
Architects & Engineers
316 Morris Avenue
Studio Suite 410
Muskegon, MI 49440
P 231.



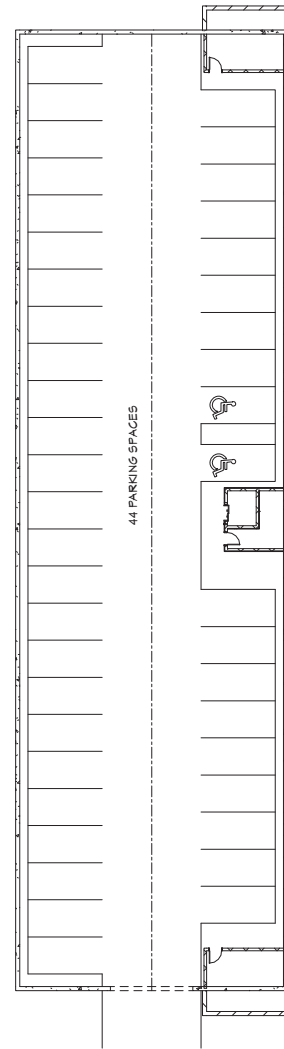
 **BLDG 3 - ROOF PLAN**
3/64" = 1'-0"



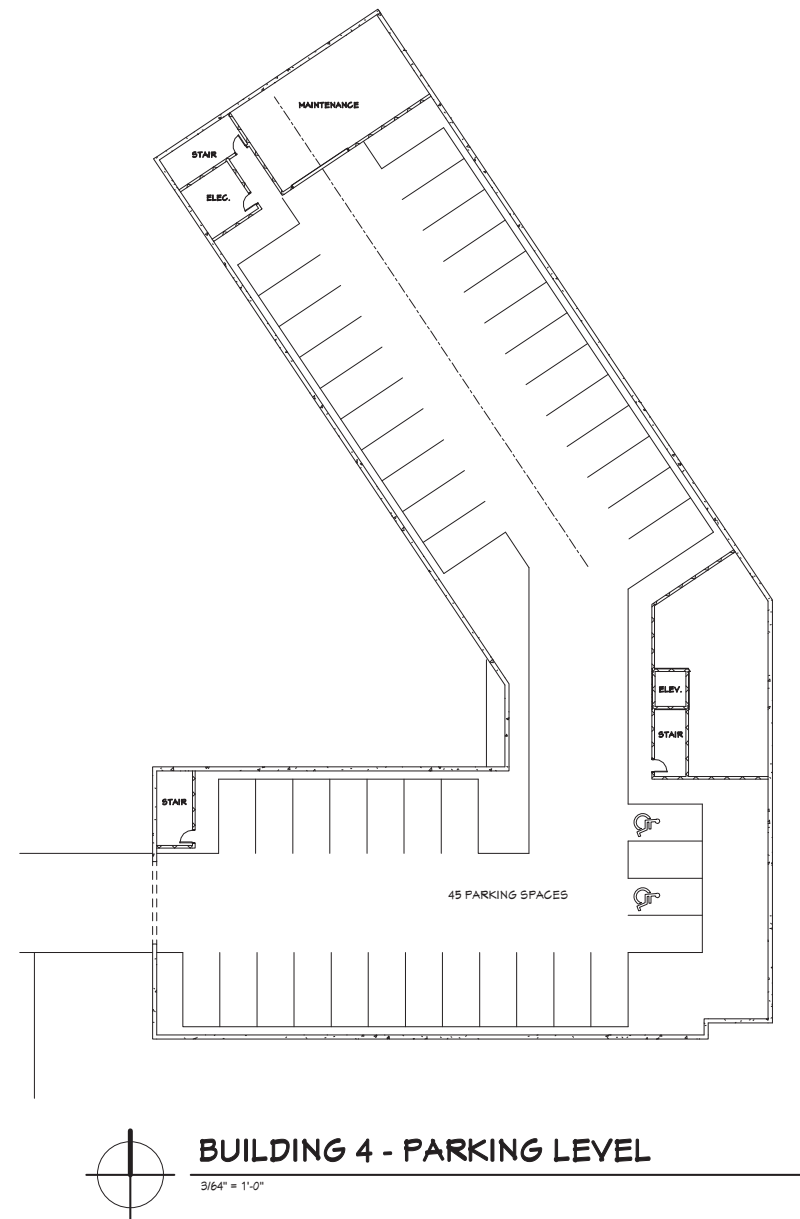
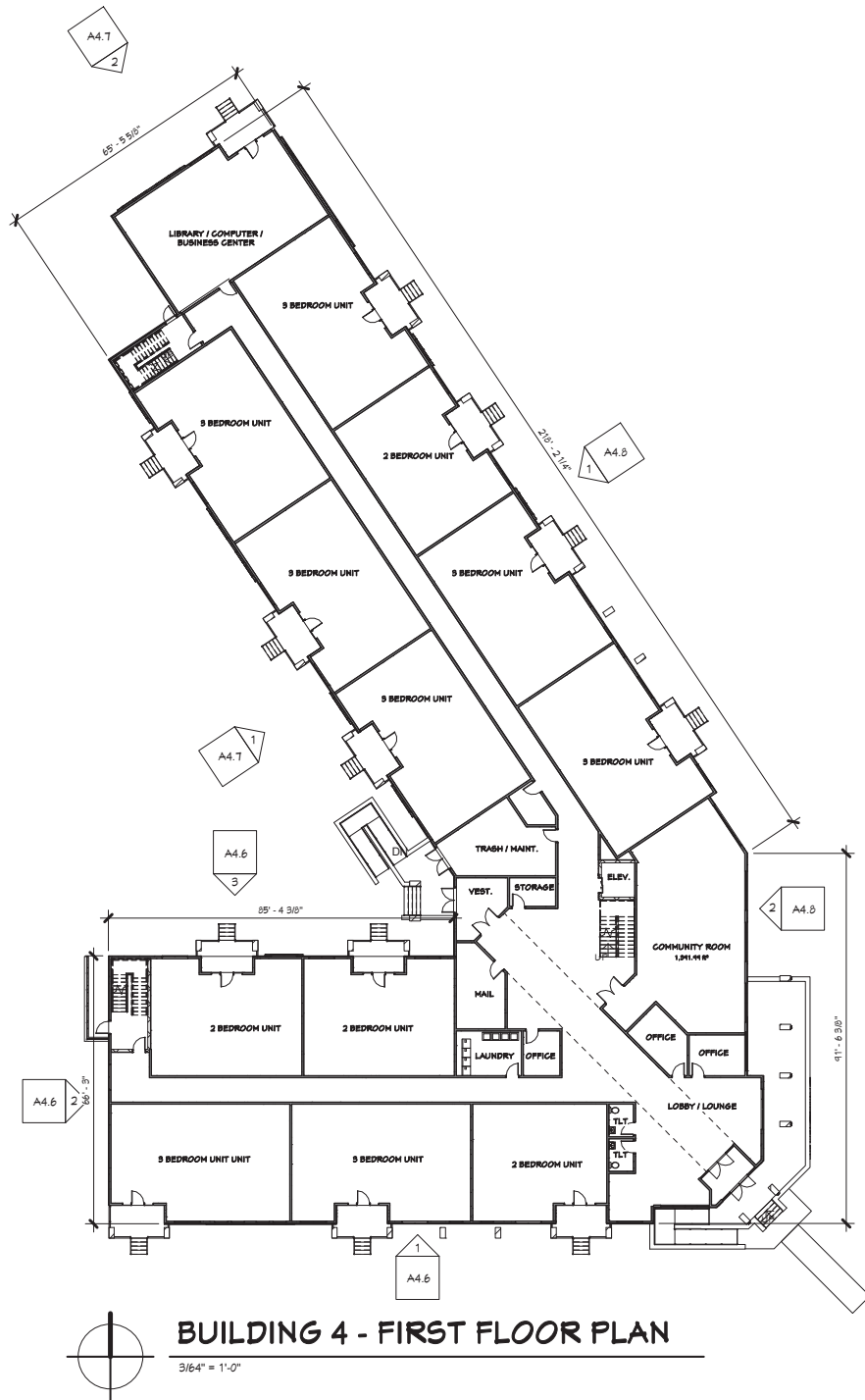
 **BLDG 3 - SECOND FLOOR**
3/64" = 1'-0"
(THIRD AND FOURTH FLOOR SIM.)



 **BLDG 3 - FIRST FLOOR**
3/64" = 1'-0"



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H
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Architects & Engineers
316 Morris Avenue
Studio Suite 410
Muskegon, MI 49440
P 231.1722.13407
F 231.1722.12589

MULTI-FAMILY HOUSING
THE MEADOWLANDS
MADISON, WI
KGC HOUSING DEVELOPMENT

Project Number 4-1125		
ISSUANCE		
No.	Date	Description
1	2019.05.28	SITE PLAN REVIEW

