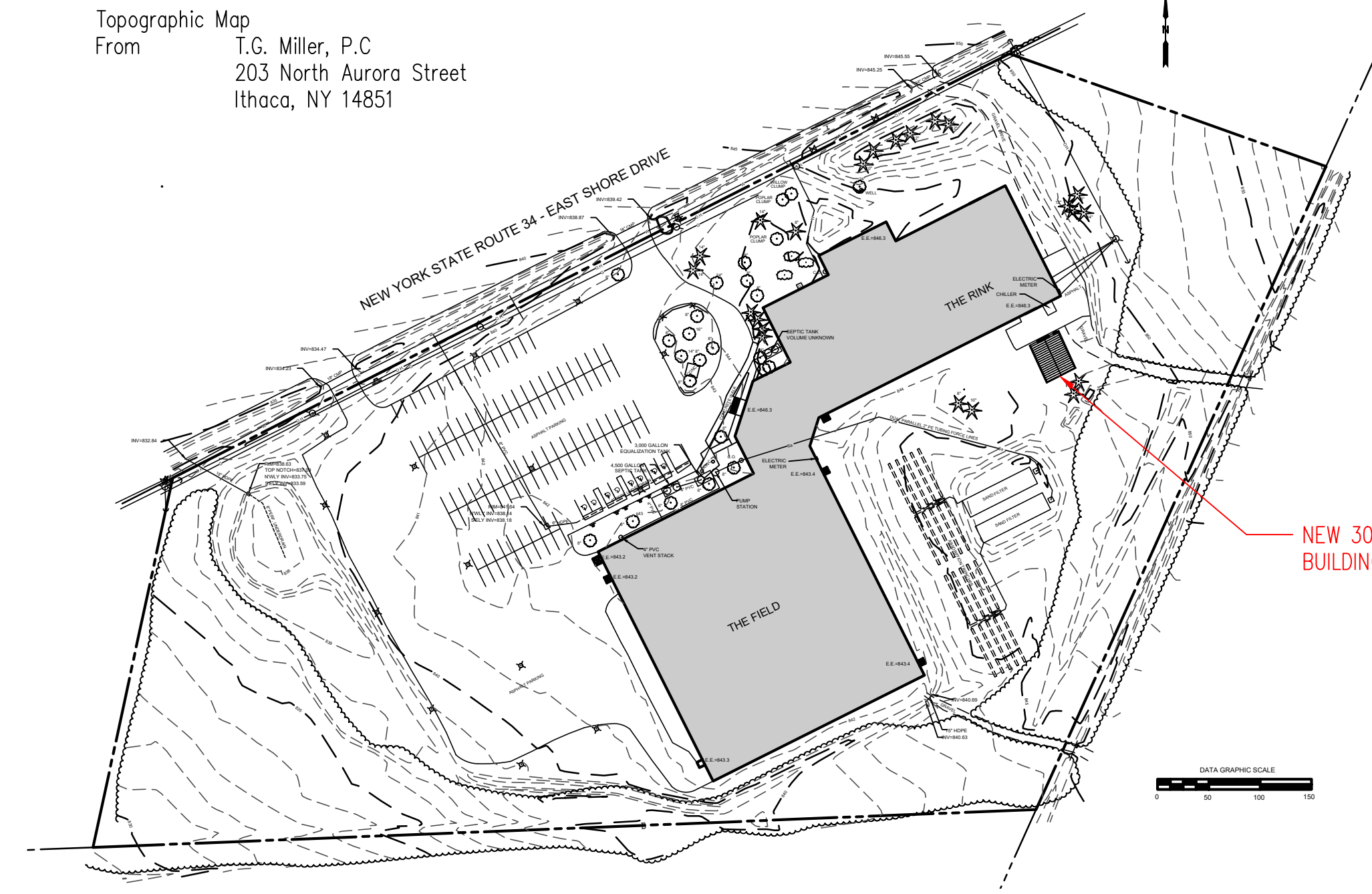
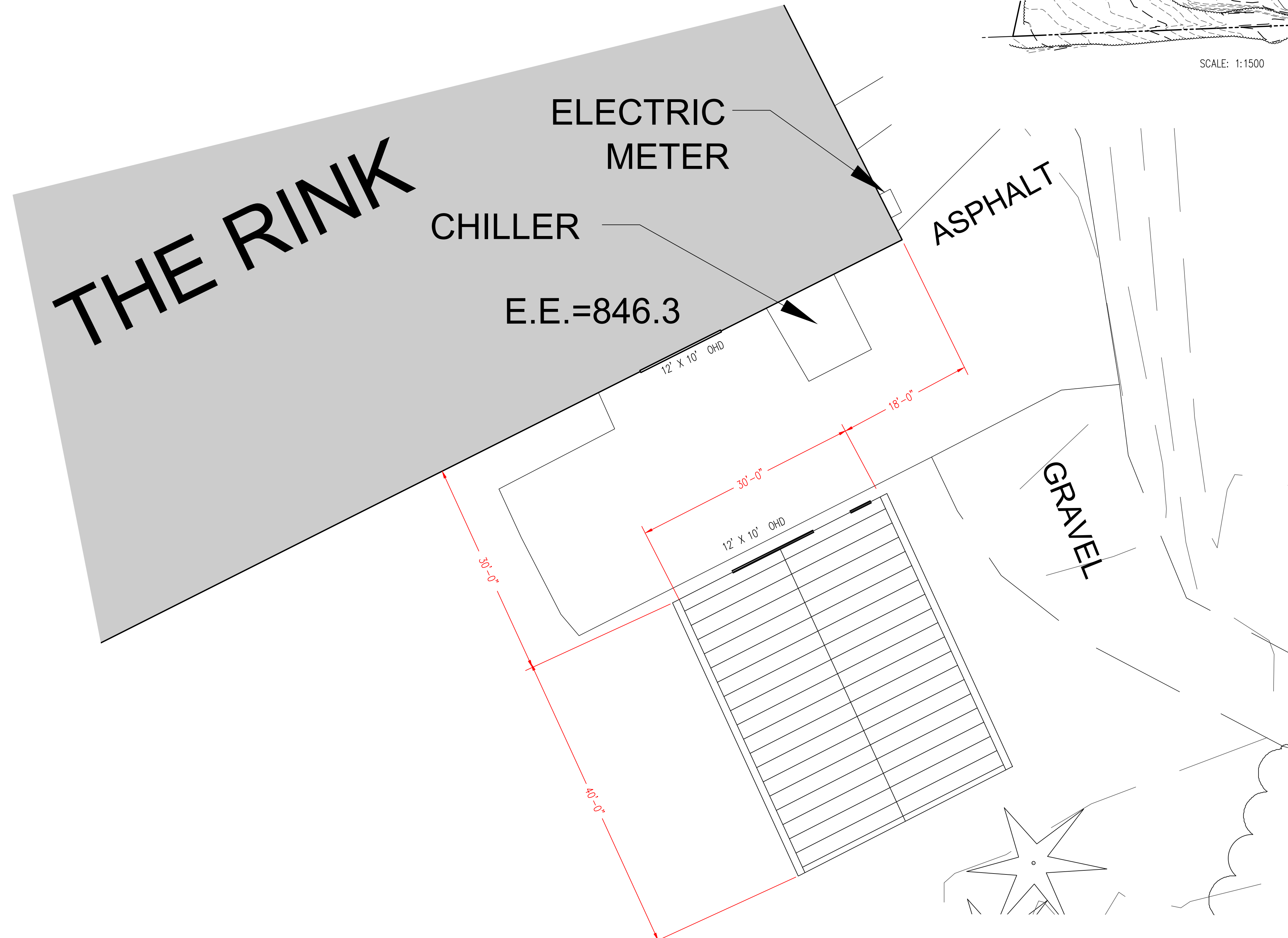


Topographic Map  
 From T.G. Miller, P.C.  
 203 North Aurora Street  
 Ithaca, NY 14851



SCALE: 1:1500



**PE**  
 Pierce Engineering, P.C.  
 3975 Amber Road  
 Syracuse, New York 13215  
 Tel (315) 492-3688  
 Email  
 richard@pierceengineeringpc.com



COMMUNITY RECREATIONAL CENTER  
 1767 EAST SHORE DRIVE  
 LANSING, NY

MARK	DATE	DESCRIPTION

REVISIONS

PROJECT NO: COA 0019839

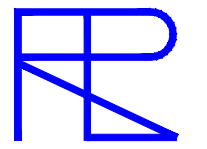
DATE: 1/28/25 RP

SCALE: AS SHOWN

\*UNAUTHORIZED ALTERATION OR ADDITION TO PLANS BEARING A LICENSED ENGINEER'S OR ARCHITECT'S SEAL IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW\*

MACHINE  
 STORAGE BUILDING  
 SITE PLAN

C-1

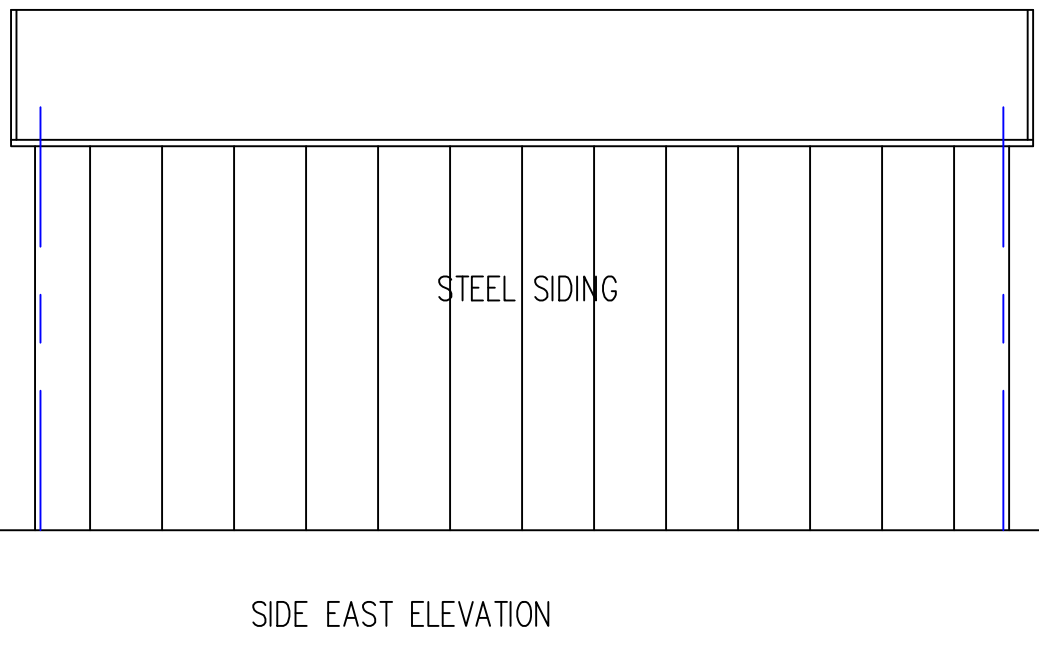
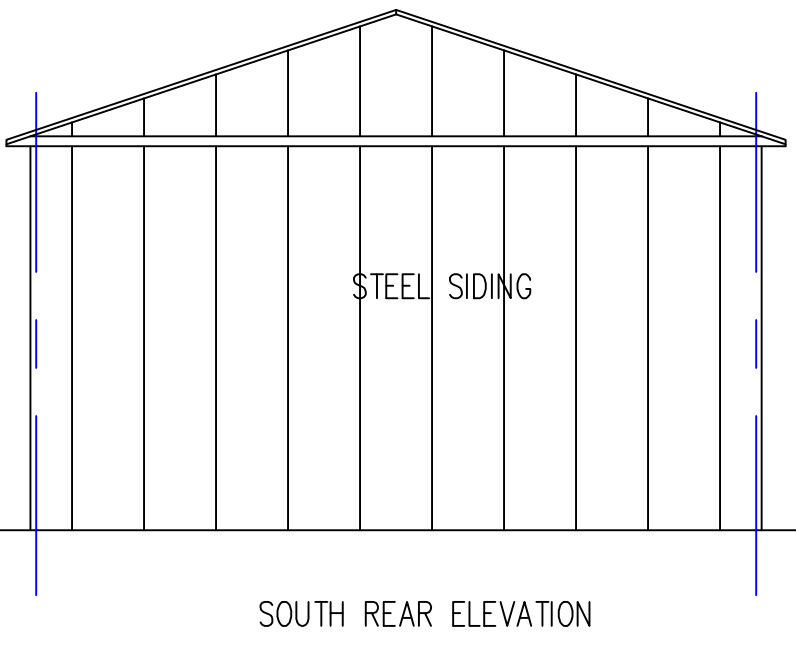
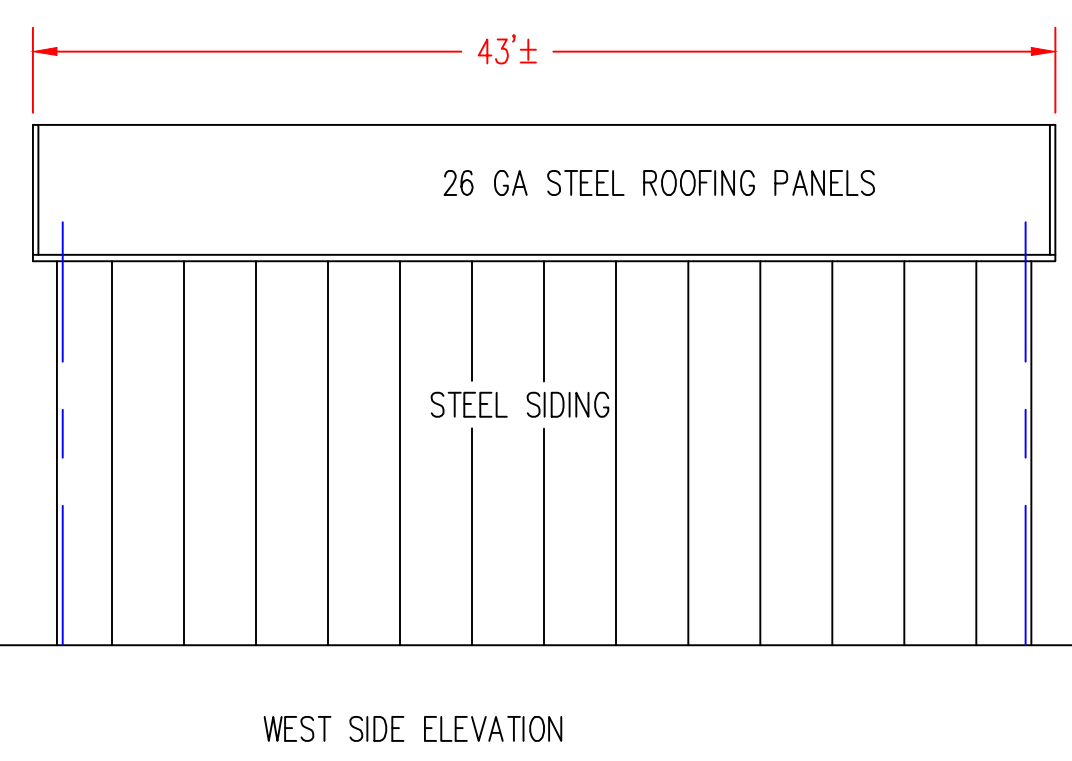
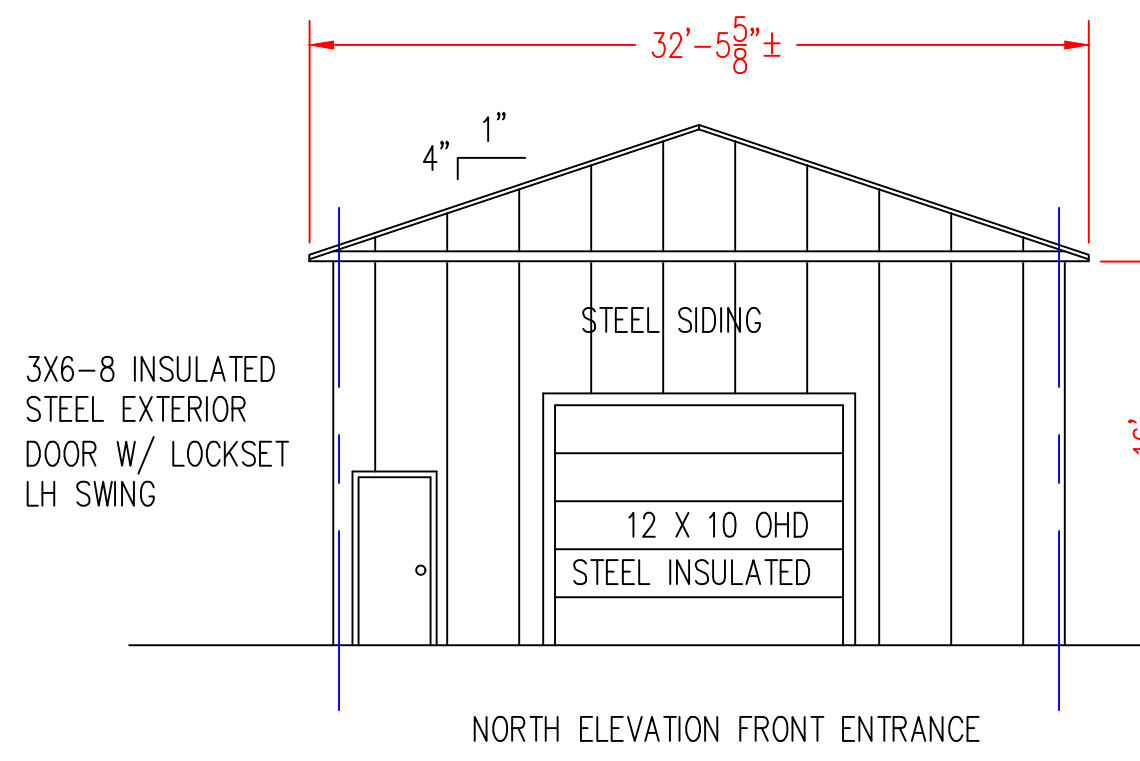
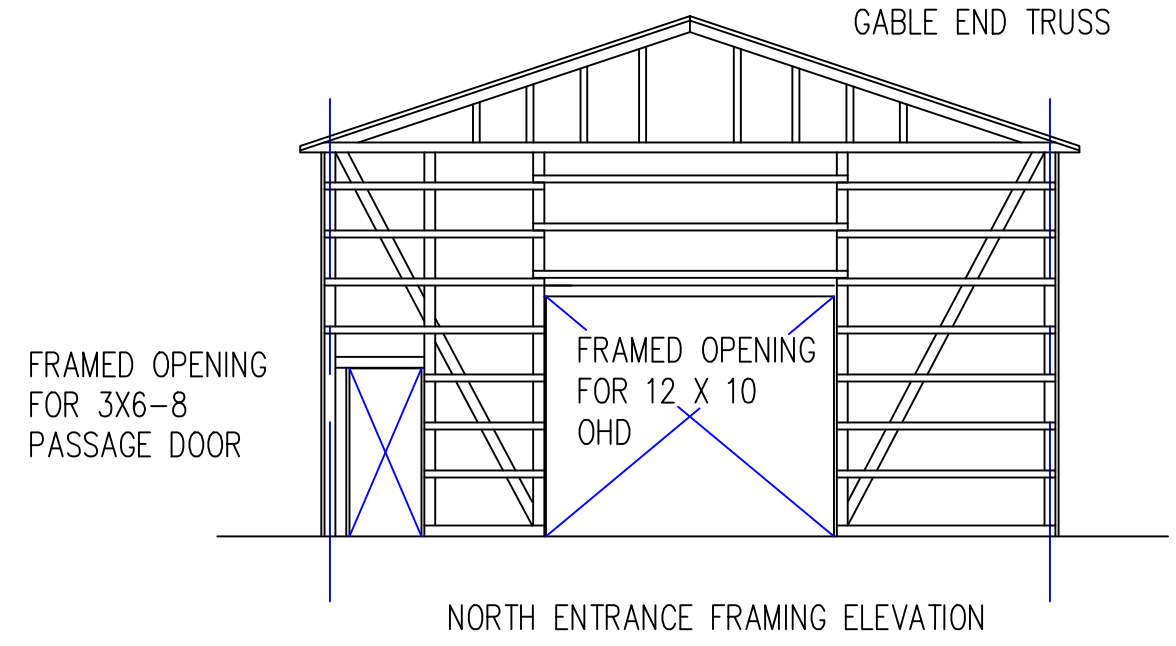
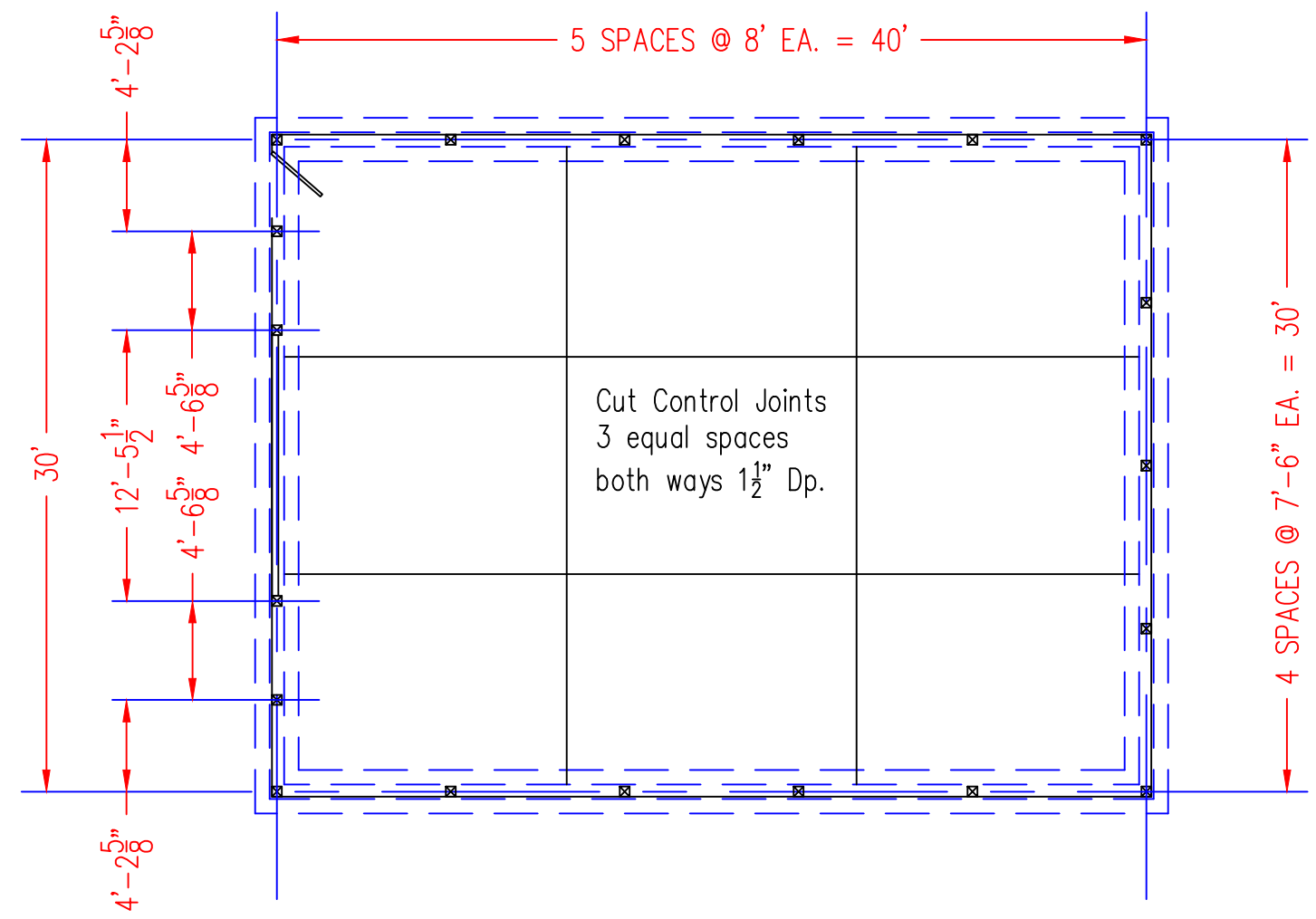


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**Code Design Information**  
 Governing Code: Building Code of New York State 2020  
 Tompkins County  
 Town of Lansing  
 Occupancy Classification: S-2 Storage  
 Construction Classification: Type V-B

**Design Loading:**

1st Floor Live Load: N/A (Slab on Grade)  
 Roof Dead Load: 10 PSF  
 Ground Snow Load: 40 PSF  
 Importance Factor: 1.00  
 Wind Load: 110 MPH  
 Importance Factor: 1.00



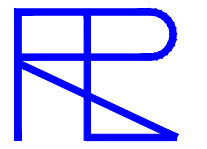
**A1** EQUIPMENT STORAGE BUILDING ARCHITECTURAL ELEVATIONS AND PLAN  
 SCALE: 1/2" = 1'-0"

COMMUNITY RECREATIONAL CENTER  
 1767 EAST SHORE DRIVE  
 LANSING, NY

MARK	DATE	DESCRIPTION
REVISIONS		
COA 0019839		
PROJECT NO.		
DATE	1/28/25	RP
SCALE	1:24	AS SHOWN
*UNAUTHORIZED ALTERATION OR ADDITION TO PLANS BEARING A LICENSED ENGINEER'S OR ARCHITECT'S SEAL IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW*		

MACHINE STORAGE BUILDING LAYOUT

A-1



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License Expiration date: 6/30/2025

COMMUNITY RECREATIONAL CENTER  
1767 EAST SHORE DRIVE  
LANSING, NY

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO. COA 0019839		
DATE	1/28/25	RP
SCALE	AS SHOWN	

MACHINE STORAGE  
BUILDING  
WALL SECTION

S-1

CONCRETE SPECIFICATIONS

- ALL CONCRETE MATERIALS AND PLACEMENT SHALL CONFORM WITH THE LATEST EDITION ACI BUILDING CODES REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-19).
- REINFORCING BARS: DEFORMED STEEL BARS, ASTM A 615, GRADE 60.
- 2" MINIMUM REBAR COVER & LAP SPLICE LENGTHS #4, 24"
- FIBER ADMIX SOLOMON ULTRAFIBER 500 2 lb/CY
- DESIGN MIX TO PRODUCE NORMAL-WEIGHT CONCRETE CONSISTING OF PORTLAND CEMENT, #1 AGGREGATE, WATER-REDUCING OR HIGH-RANGE WATER-REDUCING ADMIXTURE (SUPERPLASTICIZER), AIR-ENTRAINING ADMIXTURE, 20% CLASS F FLY ASH AND WATER TO PRODUCE THE FOLLOWING PROPERTIES:  
COMPRESSIVE STRENGTH: 4000 PSI, MINIMUM AT 28 DAYS SLUMP LIMITS: 8" MINIMUM FOR CONCRETE CONTAINING HIGH-RANGE WATER-REDUCING ADMIXTURE (SUPERPLASTICIZER) +- .4% FOR OTHER CONCRETE AIR CONTENT: 4% TO 6% WATER CEMENT RATIO: 0.44 MAXIMUM. FINISH CONCRETE SURFACE BY APPLYING UNIFORM FLOAT FINISH FREE OF HEAVY TOOL MARKS.
- CUT TWO CONTROL JOINTS EQUAL SPACED BOTH WAYS 1 1/2" WHILE GREEN.
- SWEEP CONCRETE AND WASH FREE OF STAINS, DISCOLORATION, DIRT AND OTHER FOREIGN DEBRIS.
- HYDRATE WITH COVER MINIMUM 7 DAYS OR EQUIVALENT SPRAY COAT WATERPROOF SEALER OVER SLAB.

4/12 RAISED HEEL ROOF TRUSSES  
AT 24" O.C. DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER LICENSED IN N.Y.S.

3/8" CDX SHEATHING, 30 LB ROOF FELT AND  
STEEL ROOFING.

MAINTAIN MIN. 2" VENTILATION SPACE, PROVIDE BAFFLES

PROVIDE SELF ADHERING POLYMER MODIFIED BITUMEN ICE AND  
WATER BARRIER ROOF UNDERLAYMENT SHEET AT ROOF EAVES TO  
EXTEND FROM THE ROOF EAVES EDGE TO A POINT AT LEAST 24"  
INSIDE THE EXTERIOR WALL LINE OF THE BUILDING.

END SEAL INSULATION

METAL DRIP EDGE

CONT. 2X6 SUB - FACIA

2X6 ALUMINUM FASCIA

VINYL SOFFIT

3" SPRAY FOAM AGAINST TYVEK

6 MIL VAPOR BARRIER

TYVEK OVER 2X4 GIRTS 24" O.C.

STEEL SIDING

METAL INTERIOR LINER

2X4 INTERIOR GIRTS 24" O.C.

6X6 PT 6' O.C.

2X8 PT SILL BOARD

SILL SEAL

GRADE

SLOPE  
GRADE AWAY

2X4 PT  
16" O.C.

Simpson 6x6 column base anchor PBS66

2X2X10" CONCRETE FOOTER

A1

EQUIPMENT STORAGE BUILDING WALL SECTION

SCALE: 1/2" = 1'-0"

NOTE: AIR SEAL ALL WALL AND CEILING  
PENETRATIONS INCLUDING TOPS  
OF PARTITIONS

R-49 INSULATION  
WITH VAPOR BARRIER

Metal sheet ceiling cover

Hurricane clips

2 1 1/2" x 9 3/8" Microllam LVL  
bolt through 6x6 with  
2) 3/8" carriage bolts through  
each column

2x6 PT SILL PLATE  
BETWEEN COLUMNS

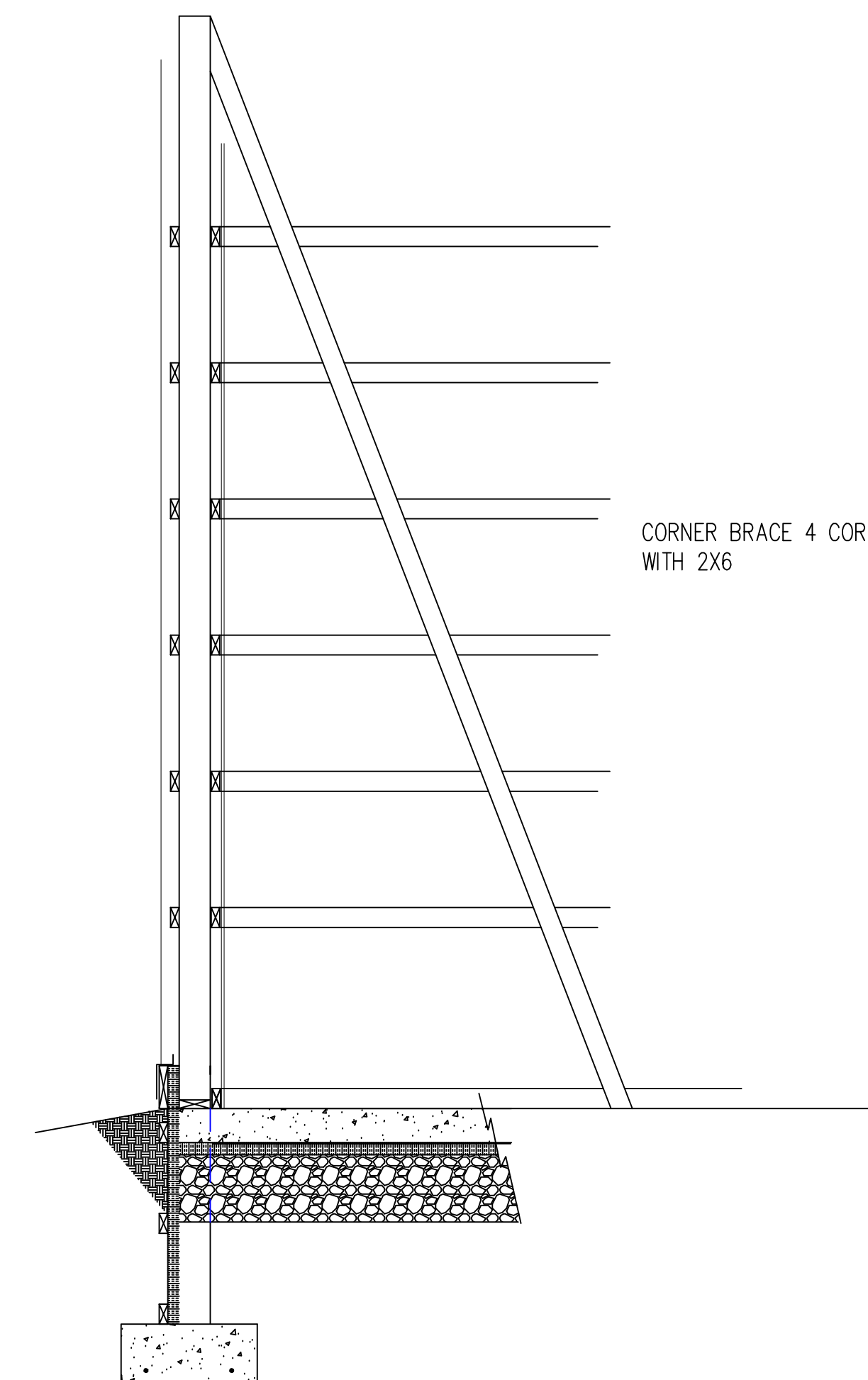
6 MIL VAPOR BARRIER

2" DOW BOARD

12" COMPACTED RUN-0-CRUSH STONE

2" RIGID DOW BOARD

(2) #6 longitudinal



A2

CORNER BRACE TYPICAL 3 CORNERS

SCALE: 1/2" = 1'-0"