WIND DIRECTIONALITY FACTOR (Kz) = 1.0

ENCLOSED BUILDING

SEISMIC: USE GROUP SITE CLASS DESIGN CATEGORY

INTERNAL PRESSURE COEFFICIENT (GCpi) = ± 0.18

IMPORTANCE FACTOR = 1.0

SPECTRA RESPONSE COEF. Sds = 0.0704

SPECTRA RESPONSE COEF. Sd1 = 0.0528

ANALYSIS PROCEDURE — MINIMUM LATERAL FORCE
RESPONSE MODIFICATION COEF. = 3.0

OVERSTRENGTH FACTOR = 3.0

DEFI FOTION AMPLIFICATION FACTOR

DEFLECTION AMPLIFICATION FACTOR =

ENCLOSED, PARTIALLY ENCLOSED BUILDINGS

h <= 60 FT. BUILDING

COMPONENT & CLADDING DESIGN SUCTION (psf)

LOADS TO BE APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2011 WISCONSIN COMMERCIAL BUILDING CODE

4000 PSI (MAX 3/4" AGGREGATE)

4000 PSI (MAX 3/4" AGGREGATE) 4000 PSI (MAX 3/4" AGGREGATE)

5000 PSI (MAX 3/8" AGGREGATE)

Fy = 50 KSI (ASTM A992)

Fv = 36 KSI (ASTM A36)

COMPLETE NORMAL CLEARING AND GRUBBING OPERATION OVER THE ENTIRE BUILDING PAD AREA. THE BUILDING PAD AREA IS DEFINED AS AN AREA EXTENDING A MINIMUM OF 5 FEET BEYOND THE PROPOSED BUILDING LINES

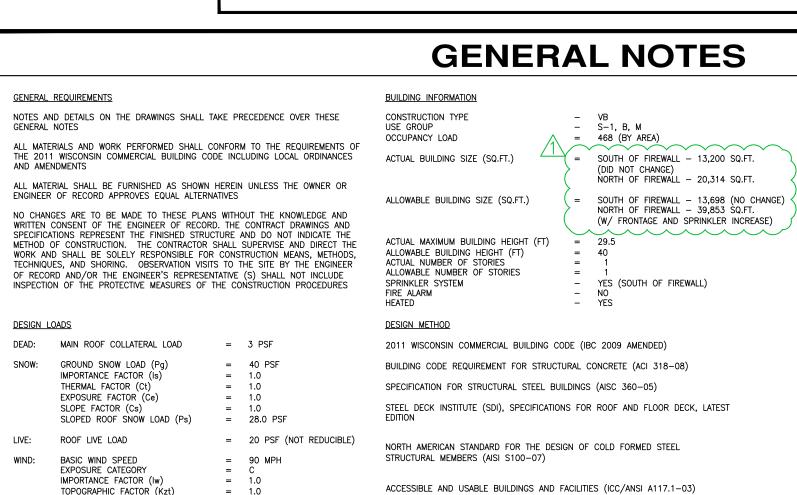
REMOVE UNSUITABLE MATERIAL BELOW FOUNDATION. THE DEPTH OF THE REMOVAL IS DICTATED BY THE UNSUITABLE SOILS ENCOUNTERED SUCH AS SILT, ORGANIC MATTER SUCH AS ROOTS AND VEGETATION, AND RANDOM FILL MATERIALS SUCH AS WOOD, TINS, ASPHALT, MUCK, ETC.

FILL MATERIALS REQUIRED SHALL BE PLACED IN LIFTS NOT TO EXCEED 12

INCHES AND COMPACTED TO 95% MODIFIED PROCTOR (ASTM D1557, LATEST EDITION) AT OPTIMUM MOISTURE CONTENT WITHIN A DISTANCE OF 5 FEET

SIX INCHES MINIMUM GRANULAR MATERIAL TO BE PLACED UNDER THE FLOOR

3500 PSI (MAX 1 1/2" AGGREGATE)



DESIGN CRITERIA

SLAB-ON-GRADE

FOUNDATION WALLS

REINFORCING STEEL SHALL BE: NON WELDABLE

STRUCTURAL STEEL SHALL BE:

W SHAPES

FOUNDATIONS

HSS ROUND

PIPES PLATES AND MISC.

COLD FORM STEEL SHALL BE: 18 GA. AND LIGHTER 16 GA. AND HEAVIER

GROUT FOR BASE PLATES 4000 PSI

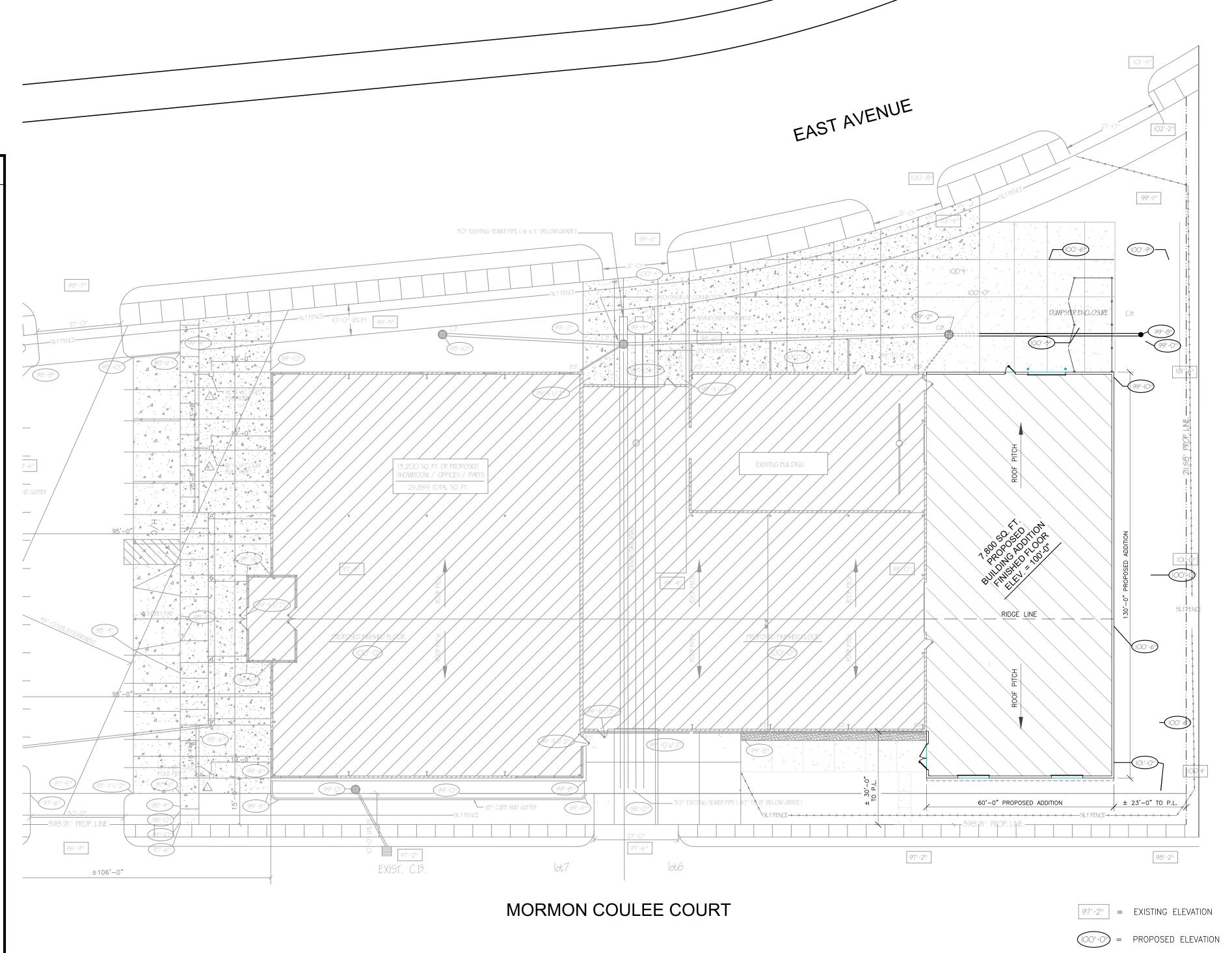
WELDABLE MARKED AS GRADE 60W

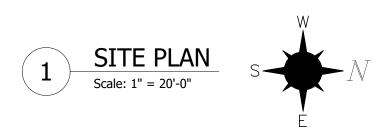
SLUMP SHALL NOT EXCEED 4 INCHES WHEN TESTED IN ACCORDANCE WITH ASTM C143 CONCRETE SHALL HAVE THE REQUIRED MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C39 PORTLAND CEMENT SHALL CONFORM TO ASTM C150 - SPECIFICATION FOR FINE AND COURSE AGGREGATES SHALL CONSIST OF CLEAN HARD STRONG AND DURABLE INERT MATERIAL FREE OF INJURIOUS AMOUNTS OF DELETERIOUS SUBSTANCES AND CONFORM TO ASTM C33 — SPECIFICATION FOR CONCRETE AGGREGATES MIXING WATER SHALL BE FREE OF ANY ACID, ALKALI, OIL OR ORGANIC MATERIAL THAT MAY INTERFERE WITH THE SETTING OF THE CEMENT ALL EXTERIOR CONCRETE SHALL BE AIR—ENTRAINED. THE ENGINEER OF RECORD SHALL APPROVE ALL ADMIXTURE REINFORCING BARS TO BE WELDED SHALL BE IDENTIFIED AS GRADE 60W WELDED WIRE FABRIC SHALL CONFORM TO THE MOST CURRENT ASTM REINFORCING SHALL HAVE THE MINIMUM COVER REQUIREMENTS AS INDICATED IN ACI 318-08 WITH THE FOLLOWING MINIMUM VALUES: CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH = 3" EXPOSED TO EARTH OR WEATHER: $\frac{4}{15}$ AND SMALLER = 1 1/2" #6 AND LARGER = 2" ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED, IN ACCORDANCE WITH ACI DETAILING MANUAL, LATEST EDITION (SP-66) ALL REINFORCING SHALL BE SUPPORTED IN FORMS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER IN ACCORDANCE WITH CRSI "REINFORCING BAR DETAILING" (LATEST EDITION) ALL CONCRETE SHALL CURE A MINIMUM OF 7 DAYS. IF FORMS ARE REMOVED BEFORE THE END OF THE CURING PERIOD, COAT SURFACES WITH LIQUID CURING COMPOUND MINIMUM COMPRESSIVE STRENGTH OF CONCRETE (f'c) AT 28 DAYS SHALL BE: SAW CUTTING OF CONTROL JOINTS IS TO BE PERFORMED AS SOON AS CONDITIONS PERMIT, BUT NO MORE THAN 12 HOURS AFTER THE CONCRETE IS POURED PROVIDE STANDARD HOOKED DOWELS IN WALL FOOTINGS WITH EQUAL SIZE AND SPACING AS VERTICAL WALL STEEL, UNLESS NOTED OTHERWISE MINIMUM COMPRESSIVE STRENGTH OF MASONRY (f'm) AT 28 DAYS SHALL BE:
TYPE M OR S MORTAR 1500 PSI
CONCRETE GROUT 3000 PSI ALL CONCRETE SLABS SHALL BE REINFORCED AS INDICATED ON THE DRAWINGS. FIBER REINFORCED CONCRETE MAY BE USED IN THE FLOOR SLABS IN ADDITION TO THE REQUIRED REINFORCING AT DOSAGE RATES Fy = 60 KSI (ASTM A615, GRADE 60)USE NON-SHRINK, NON-METALLIC GROUT UNDER BASE PLATES DIMENSIONS OF THE FINISHED PRODUCT SHALL BE WITHIN THE LIMITS Fy = 46 KSI (ASTM 500, GRADE B) = 42 KSI (ASTM 500, GRADE B) THE CONCRETE CONTRACTOR SHALL COORDINATE ALL OTHER TRADES FOR SIZE AND LOCATION OF ALL OPENINGS IN WALLS AND FLOORS. ALL OPENINGS IN STRUCTURAL CONCRETE SHALL BE DETAILED OR APPROVED BY THE ENGINEER Fy = 35 KSI (ASTM A53, GRADE B)CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED NOTES: 1) NORMAL WEIGHT CONCRETE 2) CLEAR COVER > BAR DIAMETER) MINIMUM SPACING S >= BAR DIA. FOUNDATIONS SHALL NOT BE PLACED PRIOR TO CONFIRMATION OF THE SOIL TYPE AT A DEPTH OF THE FOOTING ELEVATION. THE CONTRACTOR SHALL PROVIDE TEST HOLE REPORT TO THE ENGINEER OF RECORD. THE SOIL BEARING CAPACITY SAME PRESUMED TO BE 2,000 PSF. SOIL TYPE IS W/STIRUPS 4) MINIMUM SPACING S >= 2* BAR DIA. W/O STIRRUPS 5) $fc^{'} = 3000 \text{ PSI}$, Fy = 60,000 PSI6) FOR TOP BARS MULTIPLY BY 1.3

TRANSIT MIXED CONCRETE SHALL CONFORM TO ASTM C94, SPECIFICATION FOR READY—MIXED CONCRETE

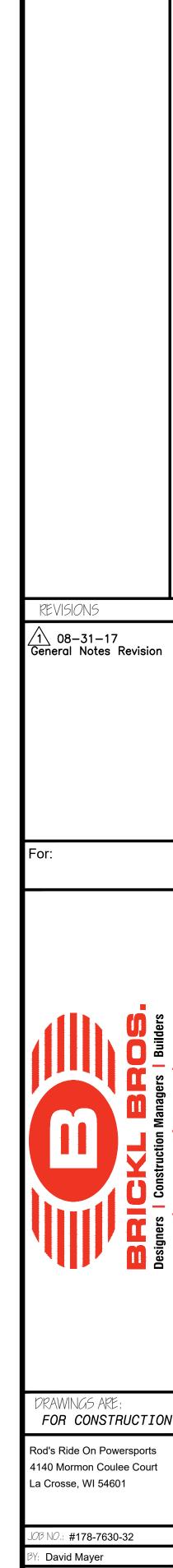
METAL BUILDING SYSTEM THE METAL BUILDING SHALL BE FABRICATED BY AN AUTHORIZE METAL BUILDING MANUFACTURER IN ACCORDANCE WITH THE DESIGN(S) FIVE BOUND SETS OF ENGINEERING DRAWINGS AND DESIGN CALCULATIONS, SHOWING CONFORMANCE TO THE DESIGN LOADS AND CODE DEFLECTION CRITERIA AND INDICATING MEMBER SIZES SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR DESIGN CONCEPT APPROVAL. DESIGN CALCULATIONS AND DRAWINGS ARE TO BE PREPARED BY AND BEAR THE SEAL AND SIGNATURE OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED DESIGN STANDARDS SHALL CONFORM TO STATE AND/OR LOCAL BUILDING CODES AND THE MBMA, LATEST EDITION THE METAL BUILDING FABRICATOR/SUPPLIER SHALL BE RESPONSIBLE FOR ANY ADDITIONAL HOLES, STABILIZER PLATES, STIFFENERS, ETC., NOT SHOWN ON THE DRAWINGS, TO ENSURE COMPLIANCE TO ALL FEDERAL, STATE AND LOCAL ERECTION DEPOLIT ERECTION OF ANY STEEL MEMBERS SHALL NOT COMMENCE UNTIL ALL CONCRETE/MASONRY ELEMENTS HAVE ATTAINED AT LEAST 75% OF THEIR INTENDED THE FOUNDATION FOR THE PRE-ENGINEERED BUILDING WAS DESIGN USING PRELIMINARY REACTIONS AND/OR COLUMNS SIZES. PRIOR TO FOUNDATION CONSTRUCTION, FOOTINGS, PIERS AND/OR ANCHOR ROD SIZES MUST BE CONFIRMED BY THE ENGINEER OF RECORD. SIZES OF THESE ITEMS MAY BE REQUIRED TO BE

7) UNCOATED REINFORCING BARS



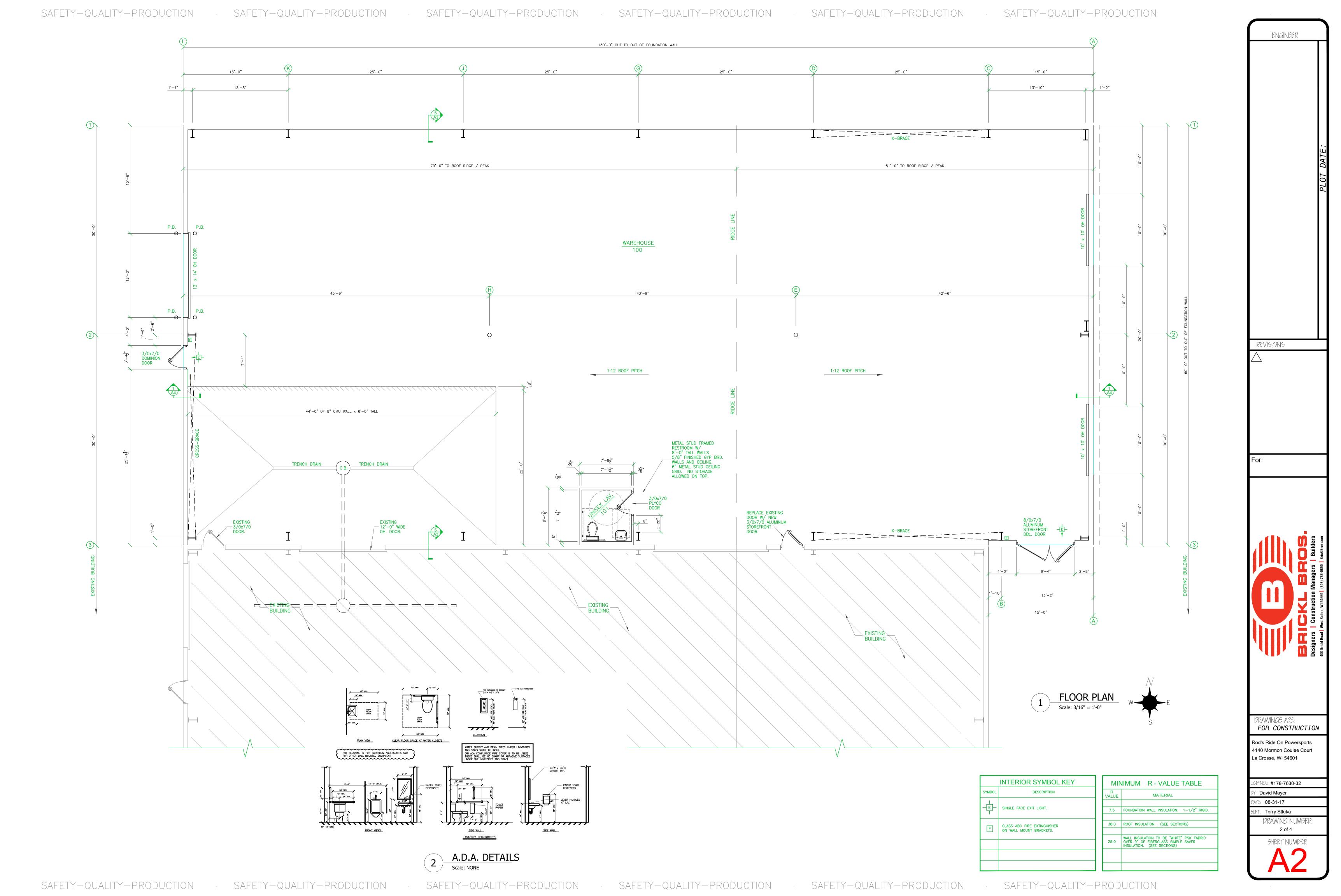


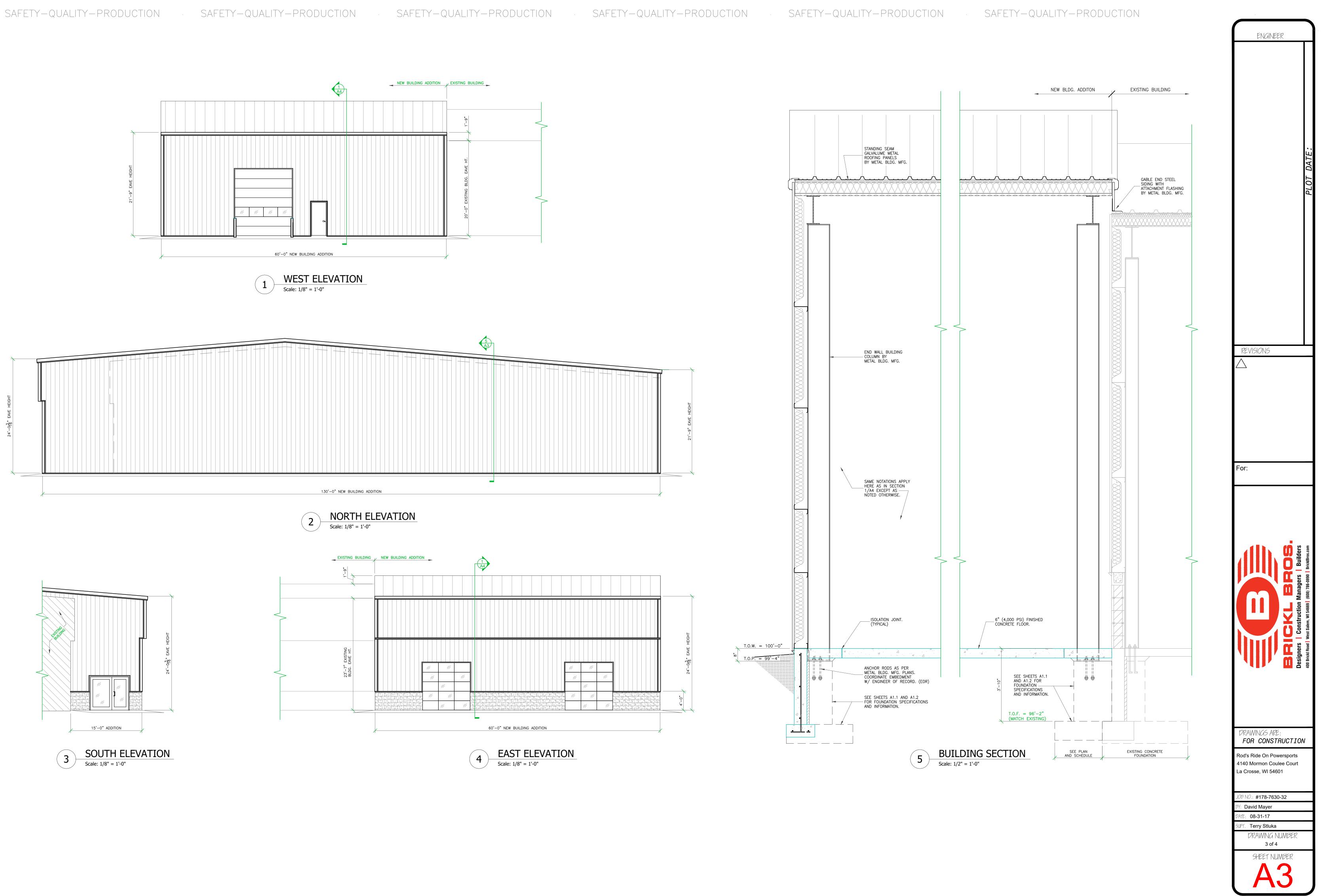
SHEET NO.	DESCRIPTION	REV. NO.	REVISION DATE
C1	COVER SHEET - GENERAL NOTES & SITE PLAN	1	08-31-17
A1.1	FOUNDATION PLAN		
A1.2	FOUNDATION SCHEDULE, SECTIONS, AND DETAILS		
A2	FLOOR PLAN		
А3	BUILDING ELEVATIONS AND BUILDING SECTION		
A4	BUILDING SECTIONS		

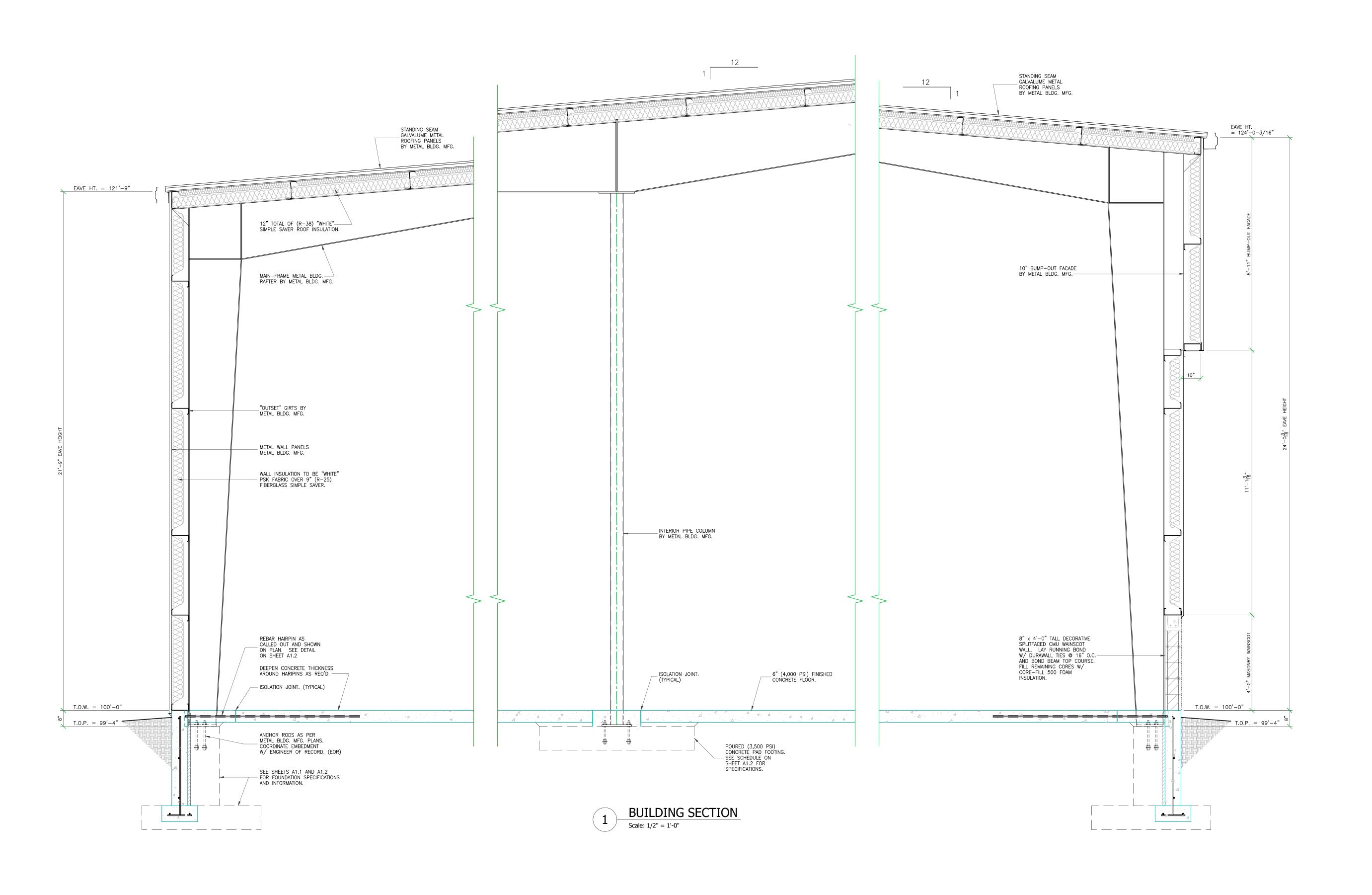


08-31-17 ₽⊺. Terry Stluka

SHEET NUMBER







ENGINEER REVISIONS DRAWINGS ARE: FOR CONSTRUCTION Rod's Ride On Powersports 4140 Mormon Coulee Court La Crosse, WI 54601 B NO.: #178-7630-32 Y: David Mayer Æ: 08-31-17 ା⊅ୀ. Terry Stluka DRAWING NUMBER SHEET NUMBER