

# La CROSSE AREA VETERINARY CLINIC

## LA CROSSE, WI

### GENERAL NOTES

PLEASE NOTE:	<div><div></div><div>DESIGNER LIABILITY LIMITED TO THE PREPARATION OF THE DRAWINGS WITH THE PARAMETER CONTRACTED AND ASCERTAINING TO CODE COMPLIANCE.</div><div>THESE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. ADDITIONAL DATA SHALL BE RECEIVED FROM THE ENGINEER THROUGH WRITTEN CLARIFICATION ONLY. VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, &amp; DIMENSIONS BEFORE PROCEEDING WITH ANY PORTION OF ANY WORK.</div><div>NO CHANGES, MODIFICATIONS, OR DEVIATIONS SHALL BE MADE FROM THESE DRAWINGS OR SPECIFICATIONS WITHOUT FIRST SECURING WRITTEN PERMISSION FROM THE ENGINEER.</div><div>WHERE LACK OF INFORMATION, OR ANY DISCREPANCY SHOULD APPEAR IN THE DRAWINGS OR SPECIFICATIONS, REQUEST WRITTEN INTERPRETATION FROM THE ENGINEER BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.</div><div>IMPORTANT!! THIS BUILDING IS DESIGNED USING THE ROOF AS A DIAPHRAGM (DEEP THIN BEAM) TO TRANSFER SIDEWALL AND ROOF WIND LOADS TO THE ENDWALL SHEAR WALLS. STEEL PANELS ARE AN INTEGRAL PART OF THE BUILDING STRUCTURE AND ANY FUTURE FIELD MODIFICATIONS MADE MAY BE DETRIMENTAL TO THE BUILDING'S STRUCTURAL PERFORMANCE.</div><div>ROOF SYSTEM USES A SLIPPERY ROOF SURFACE. THE USE OF ACCESSORIES TO PREVENT THE SLIDING OF SNOW IS NOT PERMITTED.</div></div>
SOIL:	<div><div></div><div>OWNER RESPONSIBLE FOR VERIFYING SITE SOIL CONDITIONS. ALL SOILS TO MEET OR EXCEED REQUIREMENTS AS REFERENCED IN THE GENERAL NOTES. CONSULT GEOTECHNICAL ENGINEER IF NECESSARY.</div><div>ALL SOILS BELOW CONCRETE SHALL BE A NON-FROST SUSCEPTIBLE SOIL AS REQUIRED IN ASCE 32.</div><div>FOOTINGS TO BE ABOVE THE WATER TABLE</div><div>ALL FOOTINGS AND SLAB TO BEAR ON UNDISTURBED INORGANIC SOIL OR SOIL COMPACTED TO 95% MODIFIED PROCTOR DENSITY.</div><div>SOIL DESIGN BASED ON IBC CHAPTER 18 (CHAPTERS 16, 19, 21, 22 AND 23)</div><div>PRESUMPTIVE SOIL TYPE FROM WEB SOIL SURVEY, USDA AND NRCS: (CLASS OF MATERIAL: SW, SP, SM, AND SC).</div><div>SOIL CONSISTENCY: MEDIUM</div><div>A SOIL BEARING PRESSURE AT GRADE ASSUMED AT A MINIMUM 2000 PSF.</div></div>
CONCRETE:	<div><div></div><div>CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318.</div><div>CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.</div><div>ALL DEFORMED REBAR SHALL MEET A615 GRADE 60 OR BETTER.</div></div>
LUMBER:	<div><div></div><div>ALL WOOD CONSTRUCTION SHALL BE OF MATERIALS SHOWN AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE NATIONAL FOREST PRODUCTS ASSOCIATION SPECIFICATIONS FOR WOOD CONSTRUCTION.</div><div>ALL 2x4, 2x6, 2x8 LUMBER SHALL BE #2 SPF OR BETTER UNLESS NOTED OTHERWISE. ALL 2x10 &amp; 2x12 LUMBER SHALL BE AS SPECIFIED ON THE BUILDING PRINT.</div><div>FOR LUMBER REQUIRED TO BE PROTECTED FROM DECAY AND/OR INSECTS, SEE MOST CURRENT AWPA U1 FOR USE CATEGORIES AND EXPOSURE CONDITIONS.</div></div>
STEEL TRIMS:	<div><div></div><div>COLOR MATCHED STEEL TRIMS</div><div>CERAM-A-STAR 1050 PAINT SYSTEM</div></div>
FRAMING FASTENERS:	<div><div></div><div>ALL FASTENERS SHALL BE AS LISTED BELOW UNLESS OTHERWISE NOTED.</div><div>ALL FASTENERS SHALL BE EXTERIOR RATED FINISH UNLESS NOTED OTHERWISE.</div></div>
	<div><div></div><div><div>PRIMARY FASTENERS (POST FRAME NAILS):</div><div>16d RINGSHANK NAILS (.148"ø)</div><div>30d RINGSHANK NAILS (.177"ø)</div><div>60d RINGSHANK NAILS (.200"ø)</div></div><div><div>SECONDARY FASTENERS (POST FRAME NAILS):</div><div>10d RINGSHANK NAILS (.135"ø)</div><div>16d RINGSHANK NAILS (.148"ø)</div><div>30d RINGSHANK NAILS (.177"ø)</div></div></div> <div><div></div><div>ALL MITEK PRODUCTS, I.E. JOIST HANGERS, TRUSS TIES, FRAMING ANGLES, ETC., SHALL BE SECURED PER MANUFACTURER'S SPECIFICATIONS UNLESS NOTED OTHERWISE.</div></div>
PANEL FASTENERS:	<div><div></div><div>COLOR MATCHED GALVANIZED WOODGRIP SCREWS, #10 DIAMETER, 1/4" HEX HEAD.</div></div>
HANDLING AND STORING:	<div><div></div><div>ALL STEEL PANELS AND TRUSS PRODUCTS SHOULD BE HANDLED AND STORED PER MANUFACTURER SPECIFICATIONS.</div></div>
GRADE:	<div><div></div><div>ALL FINISHED GRADES TO SLOPE AWAY FROM BUILDING AT A MIN. 5% GRADE FOR PROPER DRAINAGE (2% FOR IMPERVIOUS SURFACES) (IBC 1804).</div></div>
CONSTRUCTION BRACING:	<div><div></div><div>TEMPORARY BRACING DURING CONSTRUCTION SHALL BE CONTRACTORS' RESPONSIBILITY. REFER TO BCSI-B1 AND/OR B10-SUMMARY SHEET "GUIDE FOR HANDLING, INSTALLING, RESTRAINING AND BRACING OF TRUSSES", BY THE TRUSS PLATE INSTITUTE (TPI) AND THE WOOD TRUSS COUNCIL OF AMERICA (WTCA).</div></div>
HVAC:	<div><div></div><div>HEATING, VENTING, AND AIR CONDITIONING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWINGS AND SHOULD BE APPROVED BY LOCAL OFFICIALS.</div></div>
PLUMBING:	<div><div></div><div>PLUMBING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWINGS AND SHOULD BE INSTALLED IN ACCORDANCE WITH REQUIRED BUILDING CODES.</div></div>
ELECTRICAL:	<div><div></div><div>ELECTRICAL REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWINGS AND SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY LOCAL CODES.</div></div>
EXIT LIGHTS:	<div><div></div><div>EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. TO ENSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS, THE EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH THE ICC ELECTRICAL CODE.</div></div>
ACCESSIBLE PARKING:	<div><div></div><div>SHALL COMPLY WITH ICC/ANSI A117.1 CHAPTER 5.</div></div>
ACCESSIBLE ROUTE:	<div><div></div><div>SHALL COMPLY WITH ICC/ANSI A117.1 CHAPTER 4.</div></div>
ACCESSIBLE DOOR HARDWARE:	<div><div></div><div>SHALL COMPLY WITH ICC/ANSI A117.1 CHAPTER 3 SECTION 309. HANDLES, PULLS, LATCHES, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. WHEN SLIDING DOORS ARE FULLY OPENED, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" (1220 MM) ABOVE FINISHED FLOOR. THE THRESHOLD OF SERVICE DOORS MAY NOT EXCEED 1/2" ON EITHER SIDE OF THE DOOR WITH 1:2 SLOPE IF GREATER THAN 1/4".</div></div>
FIRE EXTINGUISHERS:	<div><div></div><div>SHALL BE INSTALLED, PROVIDED, AND MAINTAINED AS SPECIFIED IN NFPA NO. 10 (BY OTHERS).</div></div>

### BUILDING SPECIFICATIONS

OWNERS INFORMATION:	<div><div></div><div>NAME: JAMIE SKIME</div><div>ADDRESS: 2128 WI-16</div><div>CITY: LA CROSSE</div><div>STATE: WI</div><div>ZIP: 54601</div></div>	BUILDING DESIGN LOADS:	<div><div></div><div>SNOW</div><div>(Pg) = 40.0 PSF</div><div>(Cs) = 0.90</div><div>(Is) = 1.00</div><div>(Ct) = 1.10</div><div>(Pf) = 27.72 PSF</div><div>(Cs) = 0.93</div><div>(Ps) = 25.86 PSF</div><div>(Lr) = 20.00 PSF</div><div>*WITH UNBALANCED LOADS AND DRIFT LOADS AS REQUIRED.</div><div>WIND</div><div>B.W.S. = 115 MPH</div><div>EXPOSURE = C</div><div>SEISMIC</div><div>SEISMIC IMPORTANCE FACTOR: 1.00</div><div>SPECTRA RESPONSE COEFFICIENT SDS: 0.056</div><div>SPECTRA RESPONSE COEFFICIENT SD1: 0.057</div><div>SITE CLASSIFICATION: D</div><div>SEISMIC DESIGN CATEGORY: A</div><div>TRUSS DEAD LOADS</div><div>DLTC = 4 PSF</div><div>DLBC = 10 PSF</div><div>SECOND FLOOR LOADS</div><div>LIVE LOAD = 50 PSF</div><div>DEAD LOAD = 15 PSF</div></div>
BUILDING DESIGN INFORMATION:	<div><div></div><div>DESIGN CODE: 2018 WI COMM. BLDG. CODE</div><div>USE OF BUILDING: BUSINESS</div><div>OCCUPANCY CLASSIFICATION: GROUP (B)</div><div>CONSTRUCTION TYPE: SB</div><div>RISK CATEGORY: 2</div><div>FIRE SUPPRESSION SYSTEM: NO</div></div>		
BUILDING AREA:	<div><div></div><div>AREA OF WORK: 8692 SQFT</div><div>SECOND FLOOR AREA: 1482 SQFT</div><div>EXISTING BUILDING AREA: 0 SQFT</div><div>TOTAL BUILDING AREA: 10174 SQFT</div></div>		
ALLOWABLE AREA:	<div><div></div><div>TABLE AREA: 9000 SQFT</div><div>PERIMETER INCREASE: 1482 SQFT</div><div>SPRINKLER INCREASE: 0 SQFT</div><div>TOTAL ALLOWABLE AREA: 12273 SQFT</div></div>		

### MAJOR STRUCTURAL COMPONENTS

MIDWEST MANUFACTURING STRUCTURAL COMPONENTS (COLUMNS, TRUSSES, AND STEEL) ARE USED IN THE DESIGN OF THIS BUILDING. ANY DEVIATIONS OR SUBSTITUTIONS OF THESE MATERIALS REQUIRE A CHANGE ORDER DUE TO THE DESIGN VALUES OF THE MATERIALS SPECIFIED.

\*A CHANGE ORDER CAN BE OBTAINED FROM [ENGINEERING@MIDWESTMANUFACTURING.COM](mailto:ENGINEERING@MIDWESTMANUFACTURING.COM) AND IS REQUIRED FOR ANY STRUCTURAL, LAYOUT, OR MATERIAL CHANGES.

COLUMNS:	<div><div></div><div>ALL LAMINATED COLUMNS SHALL BE MIDWEST MANUFACTURING'S, RIVET CLINCHED, WITH STEEL REINFORCED JOINTS UNLESS SPECIFIED OTHERWISE.</div></div>
TRUSSES:	<div><div></div><div>DESIGNED IN ACCORDANCE TO 2015 IBC</div><div>TPI APPROVED</div><div>THIRD PARTY INSPECTED</div><div>MIDWEST MANUFACTURING TRUSS QUOTE NUMBER: QTREC0898189 (ROOF) QTREC (FLOOR)</div><div>LATERAL BRACING IS REQUIRED. SEE TRUSS SPECIFICATION SHEET(S) FOR LATERAL BRACE LOCATIONS.</div></div>
STEEL PANEL:	<div><div></div><div>MIDWEST MANUFACTURING'S PREMIUM PRO-RIB STEEL PANEL (ROOFS AND WALLS)</div><div>.0157" MINIMUM THICKNESS BEFORE PAINTING</div><div>.018" NOMINAL THICKNESS AFTER PAINTING</div><div>G100 GALVANIZED COATING PLUS ZINC PHOSPHATE</div><div>LIFETIME PAINT WARRANTY</div><div>STRUCTURAL STRENGTH ASTM-A653 GRADE 80 (FULL HARD STEEL)</div><div>82000 PSI MINIMUM TENSILE STRENGTH</div><div>MIDWEST MANUFACTURING'S PREMIUM PRO-SNAP STEEL PANEL (WALLS)</div><div>.0157" MINIMUM THICKNESS BEFORE PAINTING</div><div>.018" NOMINAL THICKNESS AFTER PAINTING</div><div>G100 GALVANIZED COATING PLUS ZINC PHOSPHATE</div><div>LIFETIME PAINT WARRANTY</div><div>STRUCTURAL STRENGTH ASTM-A653 GRADE 80 (FULL HARD STEEL)</div><div>82000 PSI MINIMUM TENSILE STRENGTH</div></div>

### SHEET INDEX

SHEET #	SHEET DESCRIPTION
S1	GENERAL NOTES AND BUILDING SPECIFICATIONS
S2	SITE PLAN
S3	ELEVATIONS
S4	ELEVATIONS
S5	50'x60' BUILDING FIRST FLOOR LAYOUT AND SCHEDULES
S6	50'x110' BUILDING FIRST FLOOR LAYOUT AND SCHEDULES
S7	50'x60' BUILDING SECOND FLOOR LAYOUT AND SCHEDULES
S8	FOUNDATION PLAN AND DETAILS
S9	50'x60' BUILDING FLOOR PLAN
S10	50'x110' BUILDING FLOOR PLAN
S11	50'x60' BUILDING ROOF FRAMING PLAN
S12	50'x110' BUILDING ROOF FRAMING PLAN
S13	50'x60' BUILDING SIDEWALL SECTION AND SECTION DETAILS
S14	50'x60' BUILDING SIDEWALL SECTION, SECTION DETAILS AND HEADER DETAIL
S15	50'x60' BUILDING ENDWALL SECTION AND SECTION DETAILS
S16	COMMON ENDWALL SECTION AND SECTION DETAILS
S17	50'x110' BUILDING SIDEWALL SECTION AND SECTION DETAILS
S18	50'x110' BUILDING SIDEWALL SECTION AND SECTION DETAILS
S19	50'x110' BUILDING ENDWALL SECTION AND SECTION DETAILS
S20	SECOND FLOOR FRAMING PLAN AND DETAILS
S21	STAIR NOTES AND DETAILS
S22	LARGE CANOPY FLOOR PLAN, ROOF FRAMING PLAN AND DETAILS
S23	SMALL CANOPY FLOOR PLAN, ROOF FRAMING PLAN AND DETAILS
S24	RESTROOM LAYOUT AND DETAILS
S25	EGRESS PLAN
S26	STEEL APPLICATION DETAILS



ENGINEERING SERVICES

5311 KANE RD. BAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
[ENGINEERING@MIDWESTMANUFACTURING.COM](mailto:ENGINEERING@MIDWESTMANUFACTURING.COM)

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOJA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

### REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:

GENERAL NOTES AND  
BUILDING SPECIFICATIONS

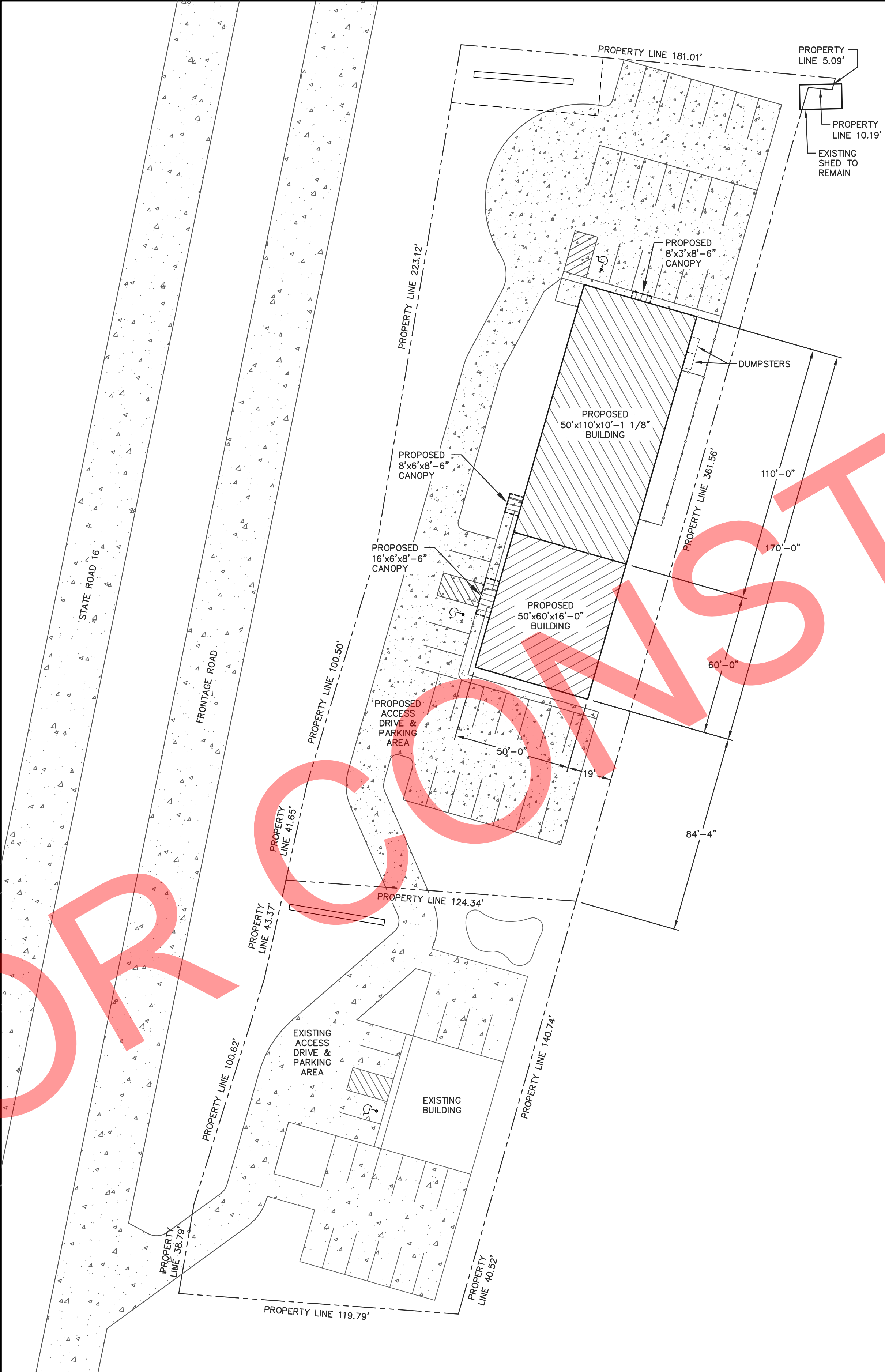
FILE NAME: B07425W

SHEET NO.

S1



NOT FOR CONSTRUCTION




SITE PLAN  
SCALE: 1"=30'

**BUILDING INFORMATION:**  
NAME: LA CROSSE AREA VETERINARY CLINIC  
ADDRESS: XXXXX  
CITY: LA CROSSE  
STATE: WI  
ZIP: 54601  
COUNTY: LA CROSSE

**NOTE:**  
OWNER/CONTRACTOR SHALL PROVIDE A PLAT SURVEY WITH PROPOSED BUILDING LOCATIONS AND VERIFY ALL PROPOSED BUILDING SETBACKS AND LOCATION ON PROPERTY WITH LOCAL BUILDING OFFICIAL AT TIME OF CONSTRUCTION AND MAKE ADJUSTMENTS ACCORDINGLY.





**ENGINEERING SERVICES**  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:  
**LA CROSSE AREA VETERINARY CLINIC**  
LA CROSSE, WI

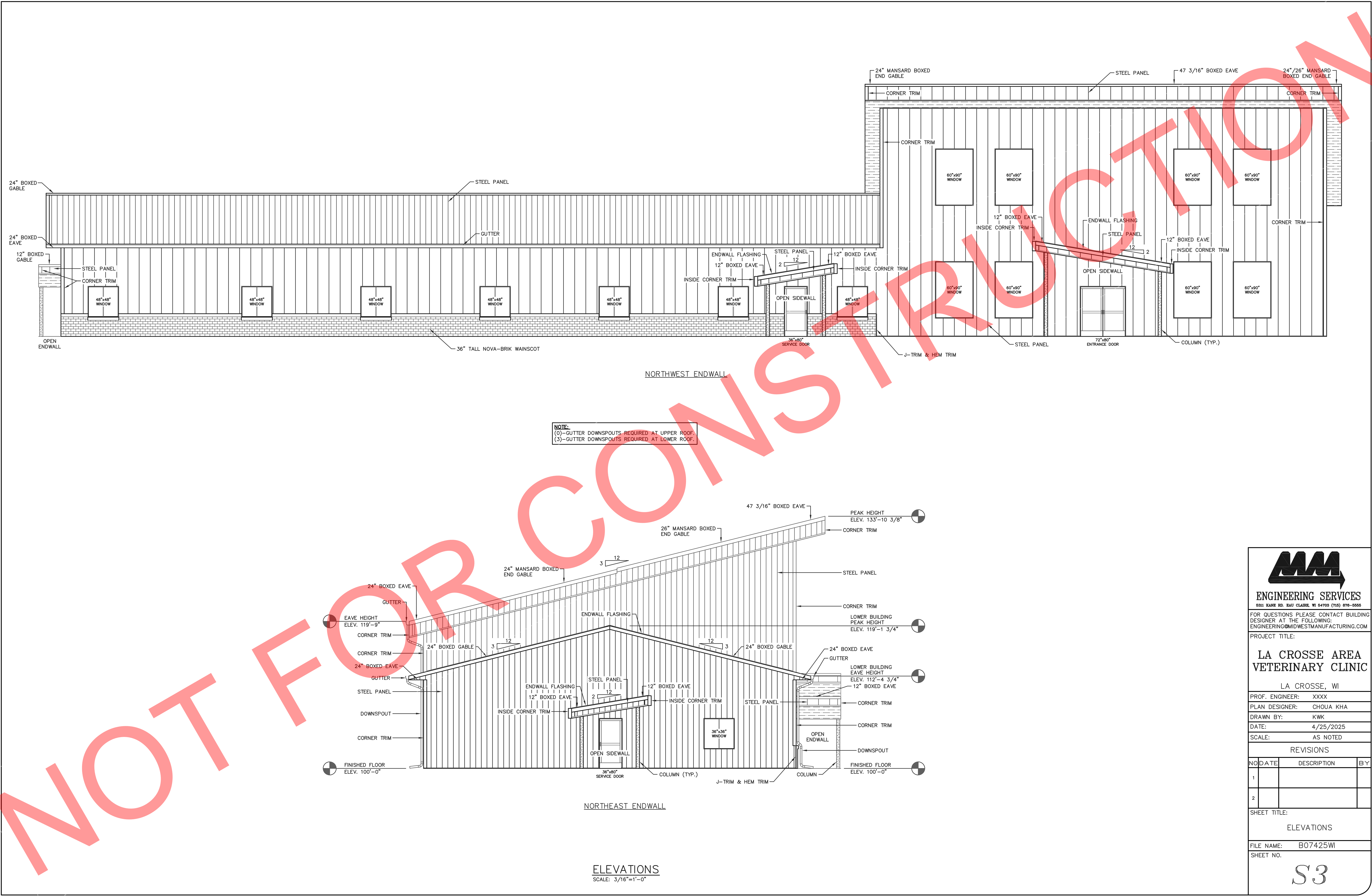
PROF. ENGINEER: XXXX  
PLAN DESIGNER: CHOUA KHA  
DRAWN BY: KWK  
DATE: 5/7/2025  
SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:  
SITE PLAN

FILE NAME: B07425WI  
SHEET NO.  
**S2**



NOTE:  
(0) - GUTTER DOWNSPOUTS REQUIRED AT UPPER ROOF.  
(3) - GUTTER DOWNSPOUTS REQUIRED AT LOWER ROOF.

ELEVATIONS  
SCALE: 3/16"=1'-0"



ENGINEERING SERVICES  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6555

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:

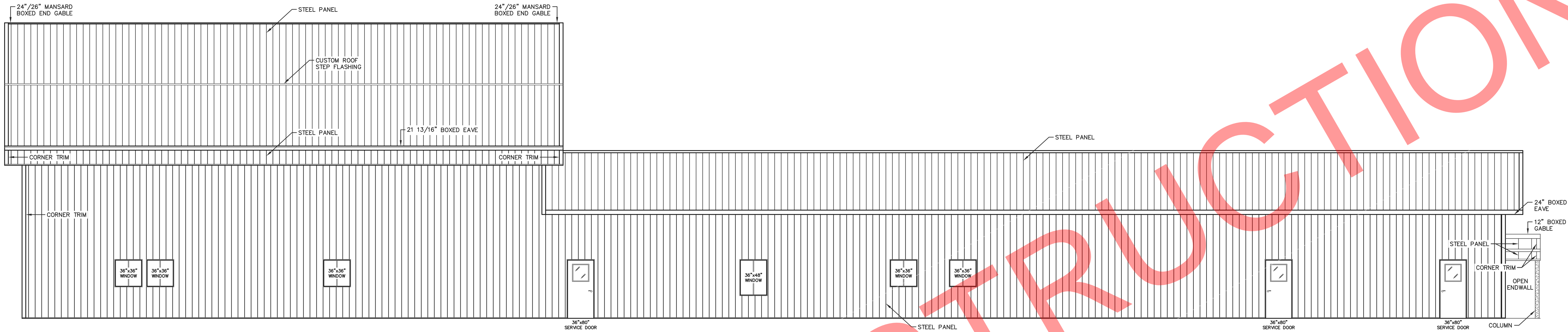
ELEVATIONS

FILE NAME: B07425WI

SHEET NO.

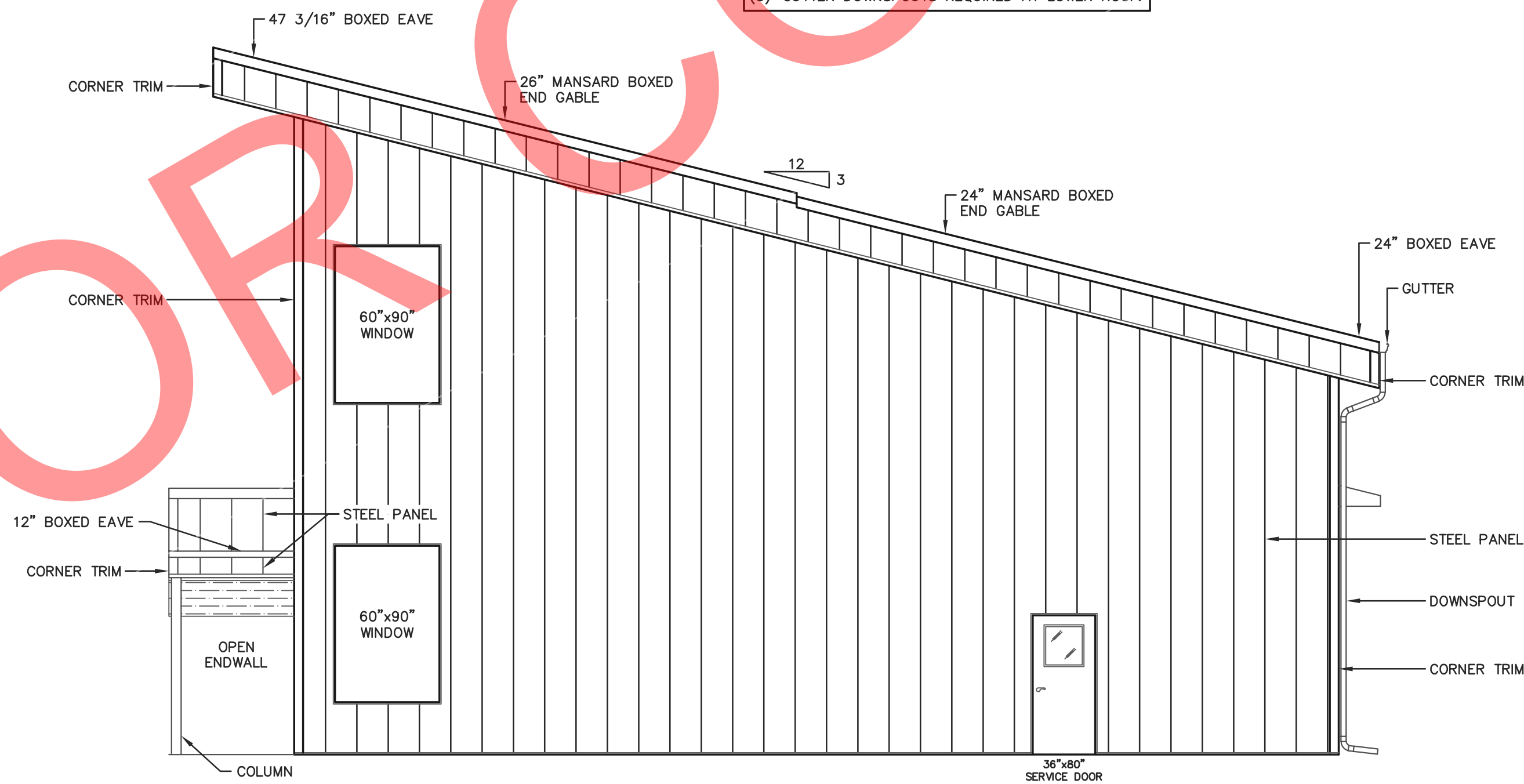
S3





SOUTHEAST SIDEWALL

NOTE:  
(3)-GUTTER DOWNSPOUTS REQUIRED AT UPPER ROOF.  
(3)-GUTTER DOWNSPOUTS REQUIRED AT LOWER ROOF.



SOUTHWEST ENDWALL

ELEVATIONS  
SCALE: 3/16"=1'-0"



FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX  
PLAN DESIGNER: CHOUA KHA  
DRAWN BY: KWK  
DATE: 4/25/2025  
SCALE: AS NOTED

REVISIONS

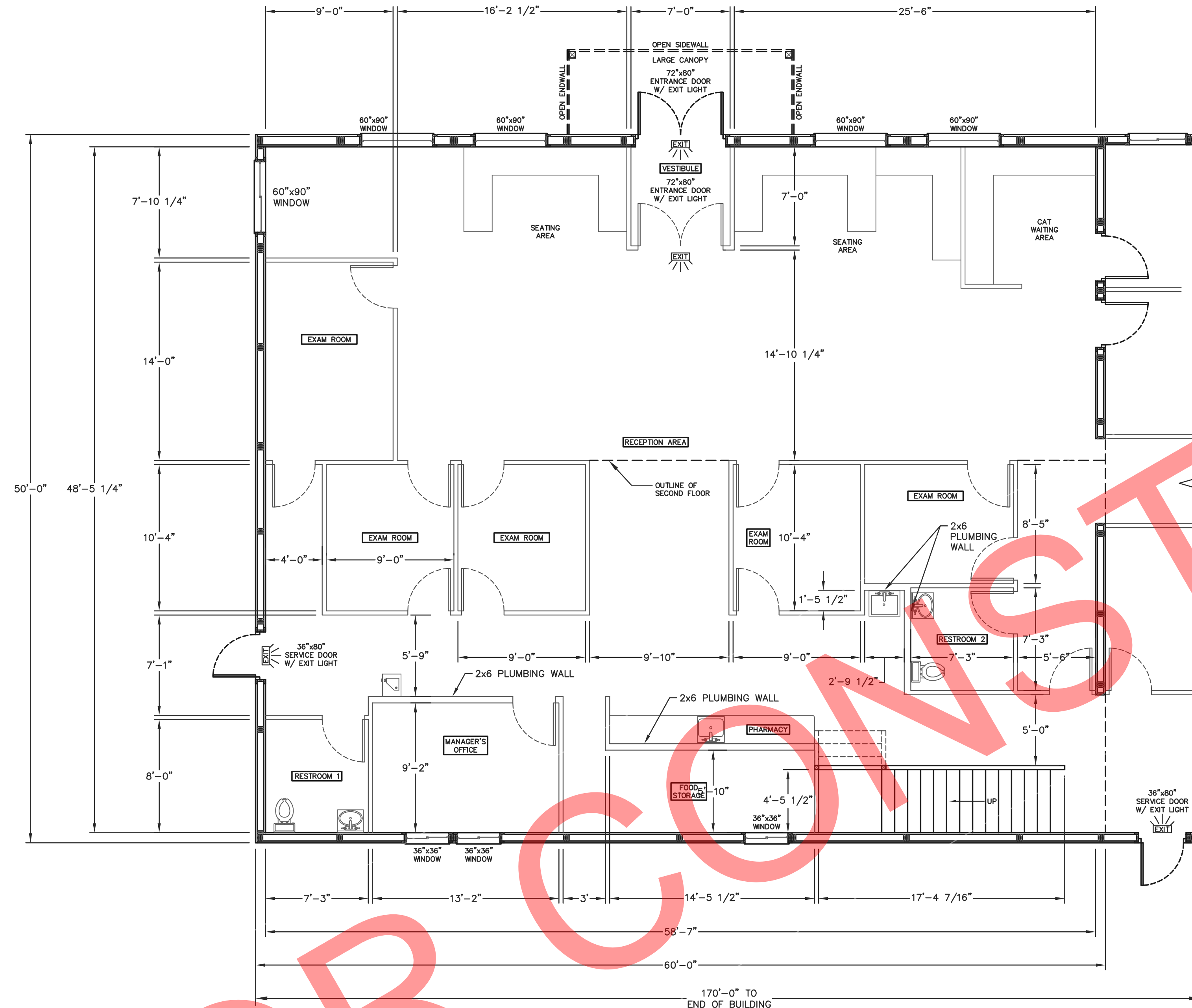
NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:

ELEVATIONS

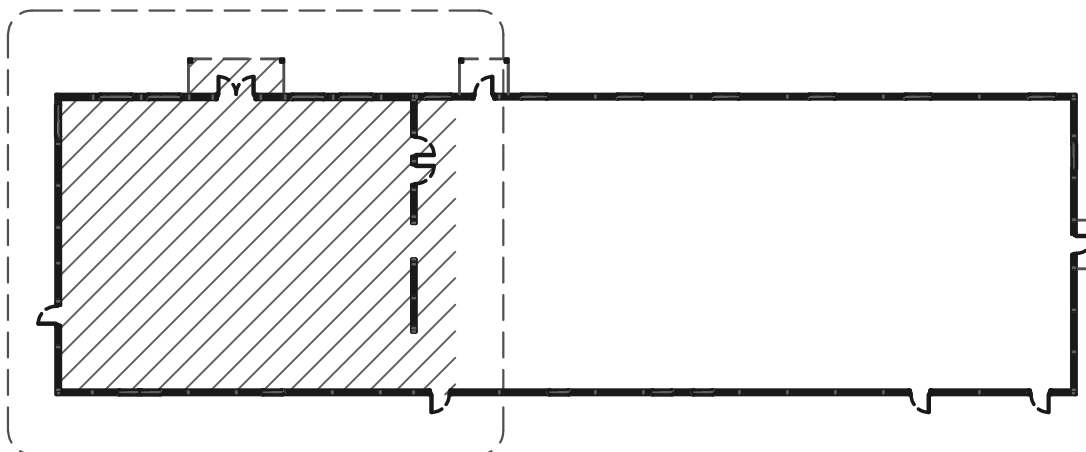
FILE NAME: B07425WI  
SHEET NO.

S4

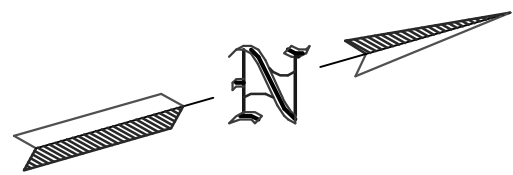


50'x60' BUILDING FIRST FLOOR LAYOUT  
SCALE: 3/16"=1'-0"

OCCUPANT LOAD AND FIXTURE COUNT									
ROOM LABEL	AREA (SQ. FT.)	FLOOR AREA PER OCCUPANT (BC 1004)	OCCUPANTS	OCCUPANTS PER FIXTURE (TABLE 2902.1)	WATER CLOSETS	OCCUPANTS PER FIXTURE (TABLE 2902.1)	LAVATORIES	OCCUPANTS PER FIXTURE (TABLE 2902.1)	DRINKING FOUNTAINS
LOBBY	1175	100	12	25	0.48	40	0.300	100	0.12
RECEPTION AREA	107	300	2	25	0.08	40	0.050	100	0.02
RESTROOM 1	63	300	1	--	--	--	--	--	--
RESTROOM 2	74	100	1	--	--	--	--	--	--
EXAM ROOM 1	143	100	2	25	0.08	40	0.050	100	0.02
EXAM ROOM 2	105	100	2	25	0.08	40	0.050	100	0.02
EXAM ROOM 3	101	100	2	25	0.08	40	0.050	100	0.02
EXAM ROOM 4	105	100	2	25	0.08	40	0.050	100	0.02
EXAM ROOM 5	94	100	1	25	0.04	40	0.025	100	0.01
OFFICE	142	100	2	25	0.08	40	0.050	100	0.02
FOOD STORAGE/PHARMACY	183	100	2	25	0.08	40	0.050	100	0.02
TOTAL	2292		29		1.08		0.675		0.27



BUILDING KEY PLAN  
NOT TO SCALE



ENGINEERING SERVICES  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

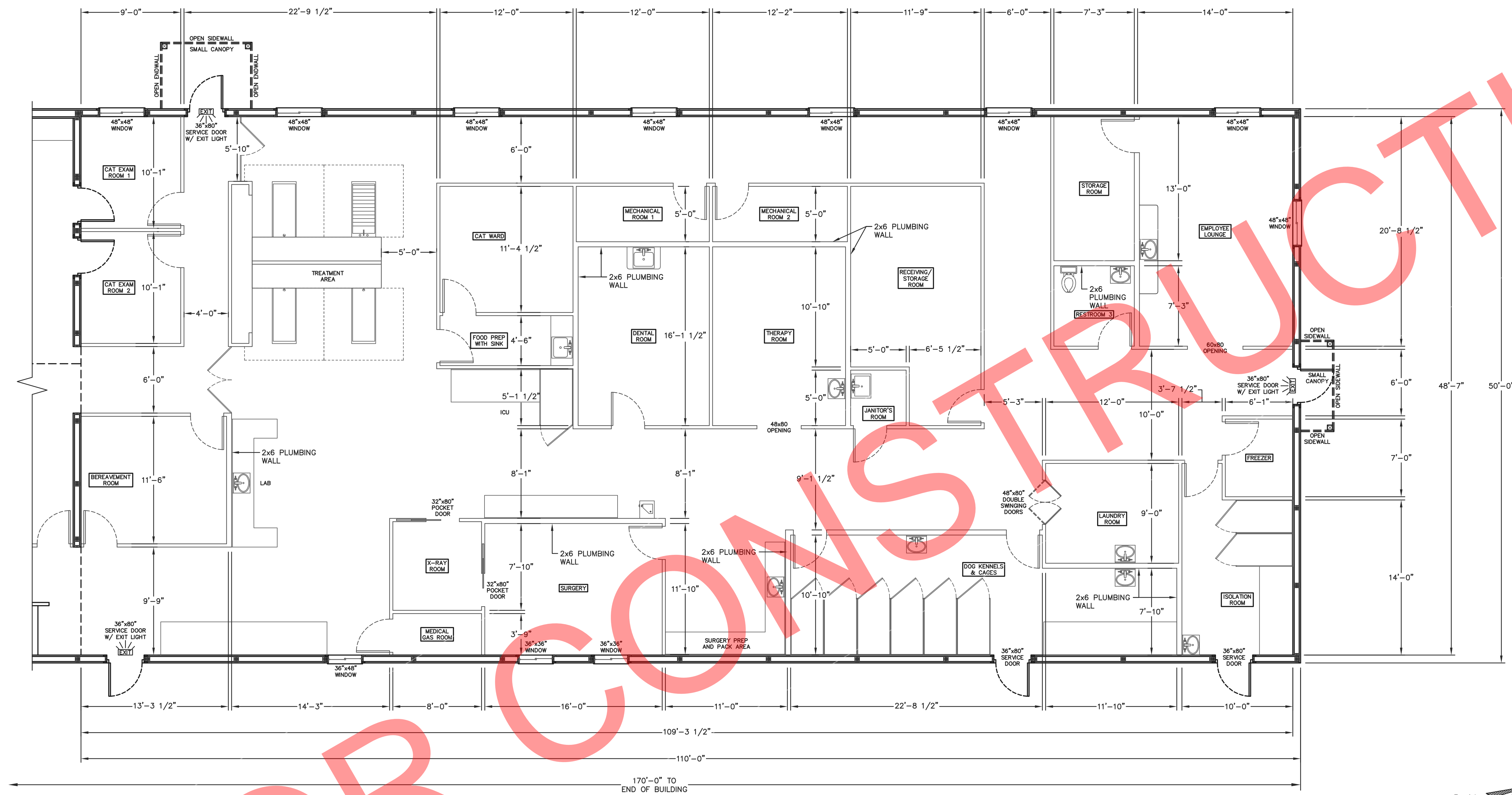
NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:  
50'x60' BUILDING FIRST  
FLOOR LAYOUT  
AND SCHEDULES

FILE NAME: B07425W

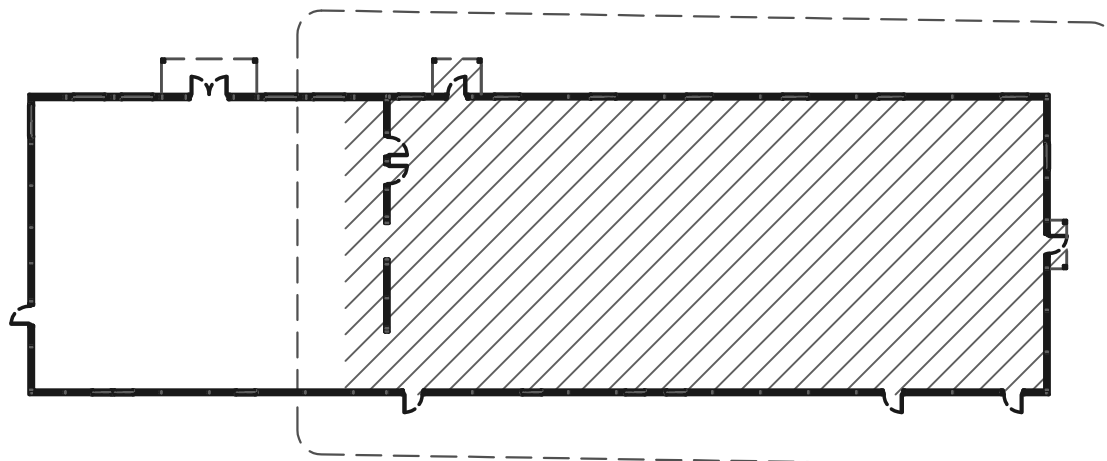
SHEET NO.

S5




50'x110' BUILDING FIRST FLOOR LAYOUT  
SCALE: 3/16"=1'-0"

OCCUPANT LOAD AND FIXTURE COUNT									
ROOM LABEL	AREA (SQ. FT.)	FLOOR AREA PER OCCUPANT (BIC 1004)	OCCUPANTS	OCCUPANTS PER FIXTURE (TABLE 2902.1)	WATER CLOSETS	OCCUPANTS PER FIXTURE (TABLE 2902.1)	LAVATORIES	OCCUPANTS PER FIXTURE (TABLE 2902.1)	DRINKING FOUNTAINS
CAT EXAM ROOM 1	100	100	1	25	0.04	40	0.025	100	0.01
CAT EXAM ROOM 2	100	100	1	25	0.04	40	0.025	100	0.01
CAT WARD/FOOD PREP.	206	100	3	25	0.12	40	0.750	100	0.03
BEREAVEMENT ROOM	136	100	2	25	0.08	40	0.050	100	0.02
X-RAY ROOM	74	100	1	25	0.04	40	0.020	100	0.01
MEDICAL GAS ROOM	38	100	1	25	0.04	40	0.020	100	0.01
SURGERY	213	100	3	25	0.12	40	0.075	100	0.03
DENTAL ROOM	207	100	3	25	0.12	40	0.075	100	0.03
THERAPY ROOM	205	100	3	25	0.12	40	0.075	100	0.03
MECHANICAL ROOM 1	72	300	1	---	---	---	---	---	---
MECHANICAL ROOM 2	72	300	1	---	---	---	---	---	---
RECEIVING/STORAGE ROOM	237	300	1	---	---	---	---	---	---
JANITOR'S ROOM	30	300	1	---	---	---	---	---	---
STORAGE ROOM	107	300	1	---	---	---	---	---	---
RESTROOM 3	63	300	1	---	---	---	---	---	---
DOG KENNELS	390	100	4	25	0.16	40	0.100	100	0.04
LAUNDRY ROOM	117	100	2	25	0.08	40	0.050	100	0.02
EMPLOYEE LOUNGE	320	100	4	25	0.16	40	0.100	100	0.04
ISOLATION ROOM	170	100	2	25	0.08	40	0.050	100	0.02
FREEZER	53	100	1	25	0.04	40	0.025	100	0.01
TREATMENT/ICU/LAB/PREP. & PACK	1015	100	11	25	0.44	40	0.275	100	0.11
TOTAL	3925		48		1.64		1.025		0.41



BUILDING KEY PLAN  
NOT TO SCALE



**ENGINEERING SERVICES**  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX  
PLAN DESIGNER: CHOUA KHA  
DRAWN BY: KWK  
DATE: 4/25/2025  
SCALE: AS NOTED

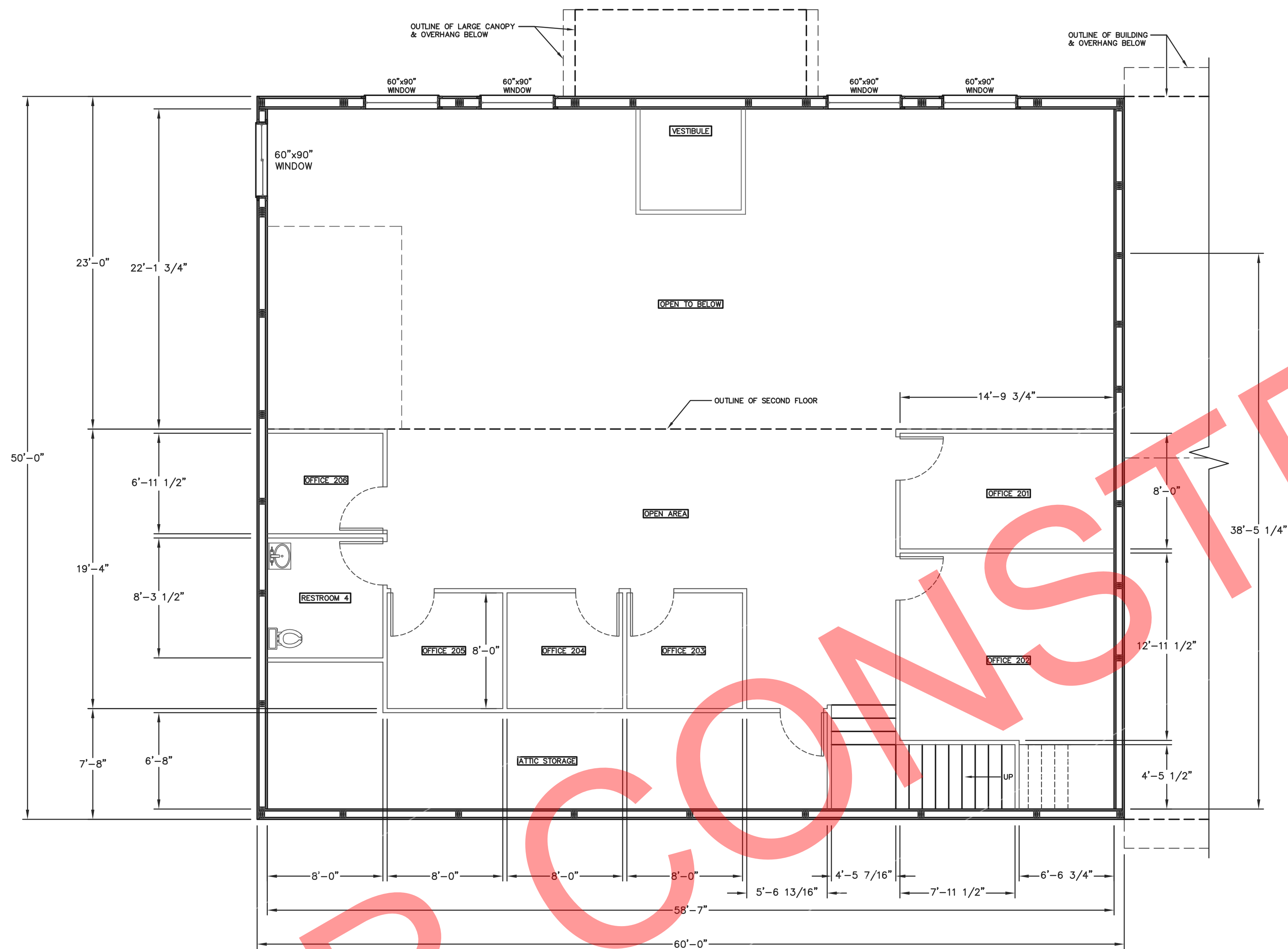
REVISIONS		
NO	DATE	DESCRIPTION
1		
2		

SHEET TITLE:  
50'x110' BUILDING FIRST FLOOR LAYOUT AND SCHEDULES

FILE NAME: B07425W  
SHEET NO.

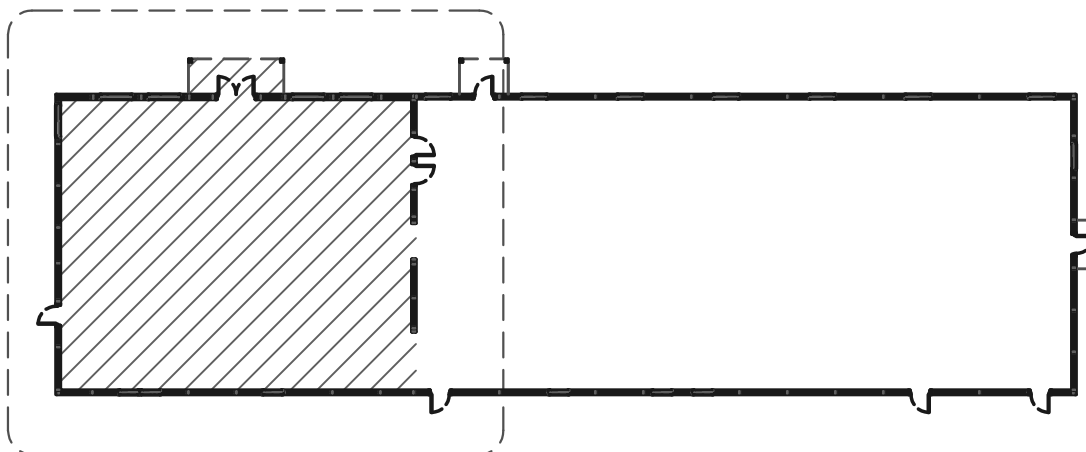
**S6**





50'x60' BUILDING SECOND FLOOR LAYOUT  
SCALE: 3/16"=1'-0"

OCCUPANT LOAD AND FIXTURE COUNT									
ROOM LABEL	AREA (SQ. FT.)	FLOOR AREA PER OCCUPANT (IBC 1004)	OCCUPANTS	OCCUPANTS PER FIXTURE (TABLE 2902.1)	WATER CLOSETS	OCCUPANTS PER FIXTURE (TABLE 2902.1)	LAVATORIES	OCCUPANTS PER FIXTURE (TABLE 2902.1)	DRINKING FOUNTAINS
OFFICE 21	130	100	2	25	0.08	40	0.050	100	0.02
OFFICE 22	230	100	3	25	0.12	40	0.075	100	0.03
OFFICE 23	69	100	1	25	0.04	40	0.025	100	0.01
OFFICE 24	69	100	1	25	0.04	40	0.025	100	0.01
OFFICE 25	69	100	1	25	0.04	40	0.025	100	0.01
OFFICE 26	69	100	1	25	0.04	40	0.025	100	0.01
COMMON AREA	437	100	5	25	0.20	40	0.125	100	0.05
ATTIC STORAGE	296	300	1	---	---	---	---	---	---
RESTROOM 4	71	300	1	---	---	---	---	---	---
TOTAL	2260		16		0.56		0.350		0.14



BUILDING KEY PLAN  
NOT TO SCALE

**ENGINEERING SERVICES**  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

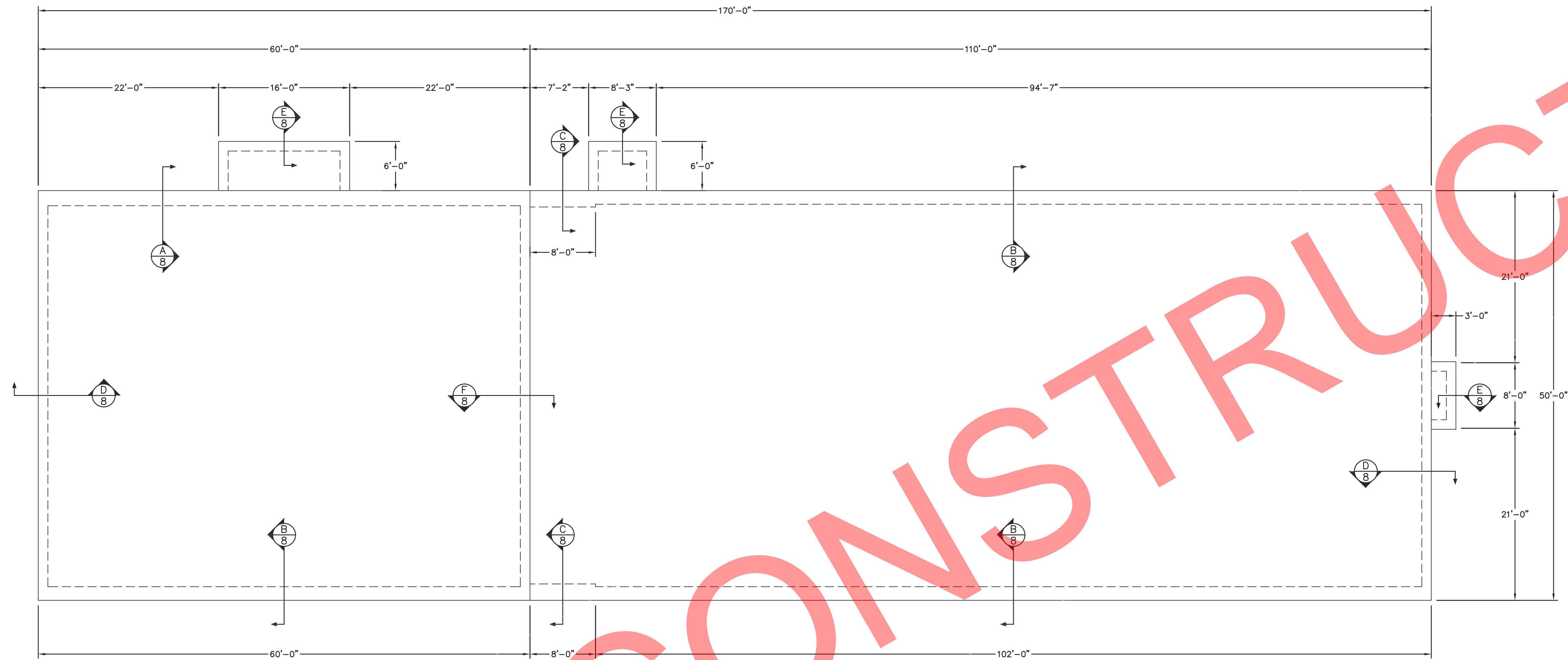
NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:  
50'x60' BUILDING SECOND FLOOR LAYOUT AND SCHEDULES

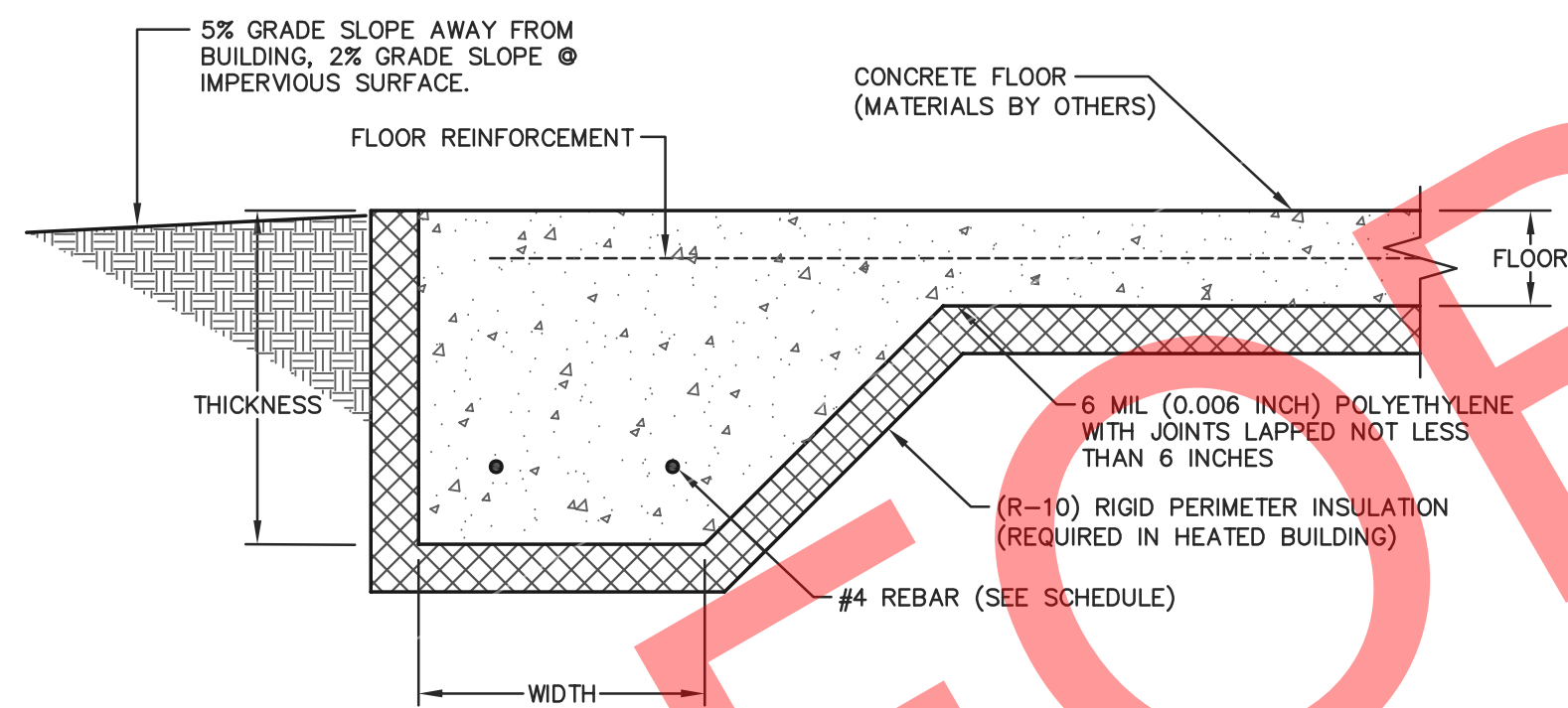
FILE NAME: B07425WI

SHEET NO.

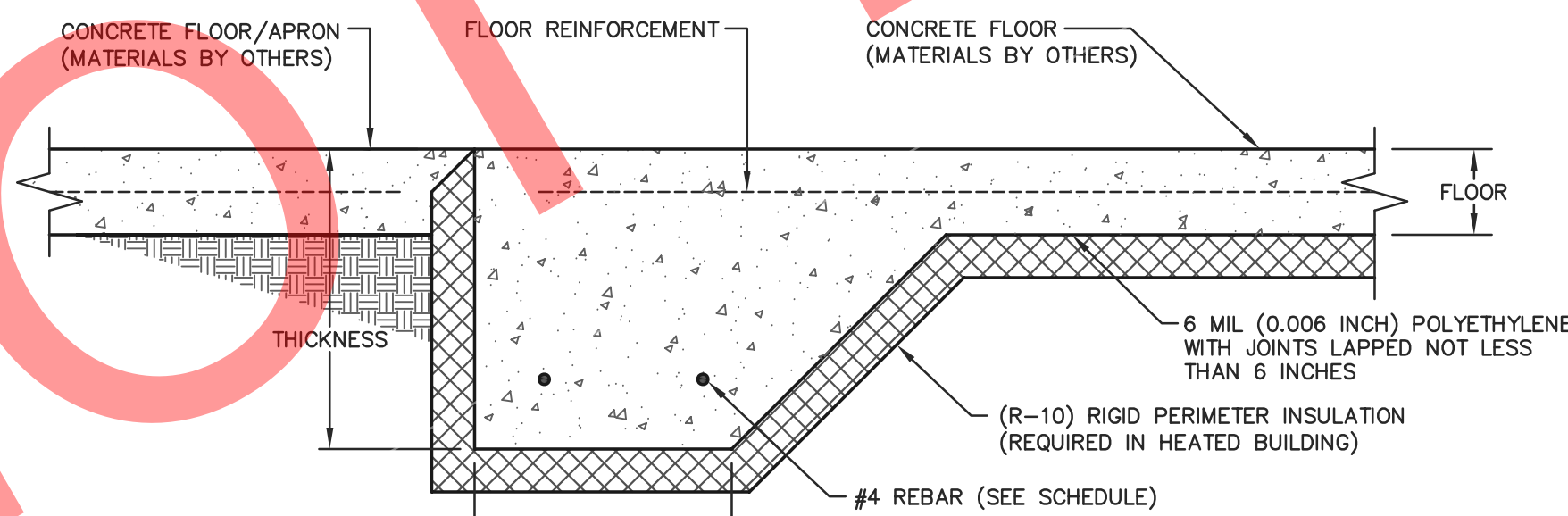
**S7**



FOUNDATION PLAN  
SCALE: 1/8"=1'-0"



A/8 HAUNCHED FOOTING @ EXTERIOR DETAIL  
NOT TO SCALE



F/8 HAUNCHED FOOTING @ COMMON WALL DETAIL  
NOT TO SCALE

HAUNCHED FOOTING SCHEDULE			
FOOTING LOCATION	FOOTING DESCRIPTION		
	THICKNESS	WIDTH	QUANTITY OF REBAR
A	14"	22"	(4) #4 @ 18" O.C. MAX.
B	14"	20"	(3) #4 @ 18" O.C. MAX.
C	18"	24"	(5) #4 @ 18" O.C. MAX.
D	14"	14"	(2) #4 @ 18" O.C. MAX.
E	14"	14"	(2) #4 @ 18" O.C. MAX.
F	14"	14"	(2) #4 @ 18" O.C. MAX.

#### CONCRETE NOTES

- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
- ALL #4 REBAR TO BE DEFORMED GRADE 60 OR BETTER AND HAVE A MINIMUM SPLICE OVERLAP OF 29".
- FLOOR REINFORCEMENT SHALL BE EITHER 6x6 W1.4xW1.4 CONCRETE WIRE MESH OR #4 DEFORMED REBAR AT 18" O.C. EACH WAY.
- ALL REBAR WITH CONCRETE POURED AGAINST SOIL SHALL HAVE A 3" CLEAR COVER.
- BOTTOM OF CONCRETE FOOTING TO BE A MINIMUM OF 14" BELOW FINISHED GRADE.
- PERIMETER INSULATION SHALL BE INSTALLED W/ A RIGID, OPAQUE, & WEATHER-RESISTANT PROTECTIVE COVERING TO PREVENT THE DEGRADATION OF THE INSULATION'S THERMAL PERFORMANCE. THE PROTECTIVE COVERING SHALL COVER THE EXPOSED AREA OF THE PERIMETER INSULATION AND EXTEND A MIN. OF 6" BELOW GRADE. VERIFY TO THE BUILDING INSPECTOR THAT THIS IS PROPERLY PROVIDED.
- ALL HORIZONTAL PERIMETER INSULATION DIRECTLY BELOW HAUNCHED FOOTING TO BE MINIMUM 40 PSI XPS. 25 PSI XPS FOAM MAY BE USED IN ALL OTHER LOCATIONS.
- FOR SOIL INFORMATION REQUIREMENTS SEE GENERAL NOTES ON SHEET S1.



FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOJA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

#### REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:

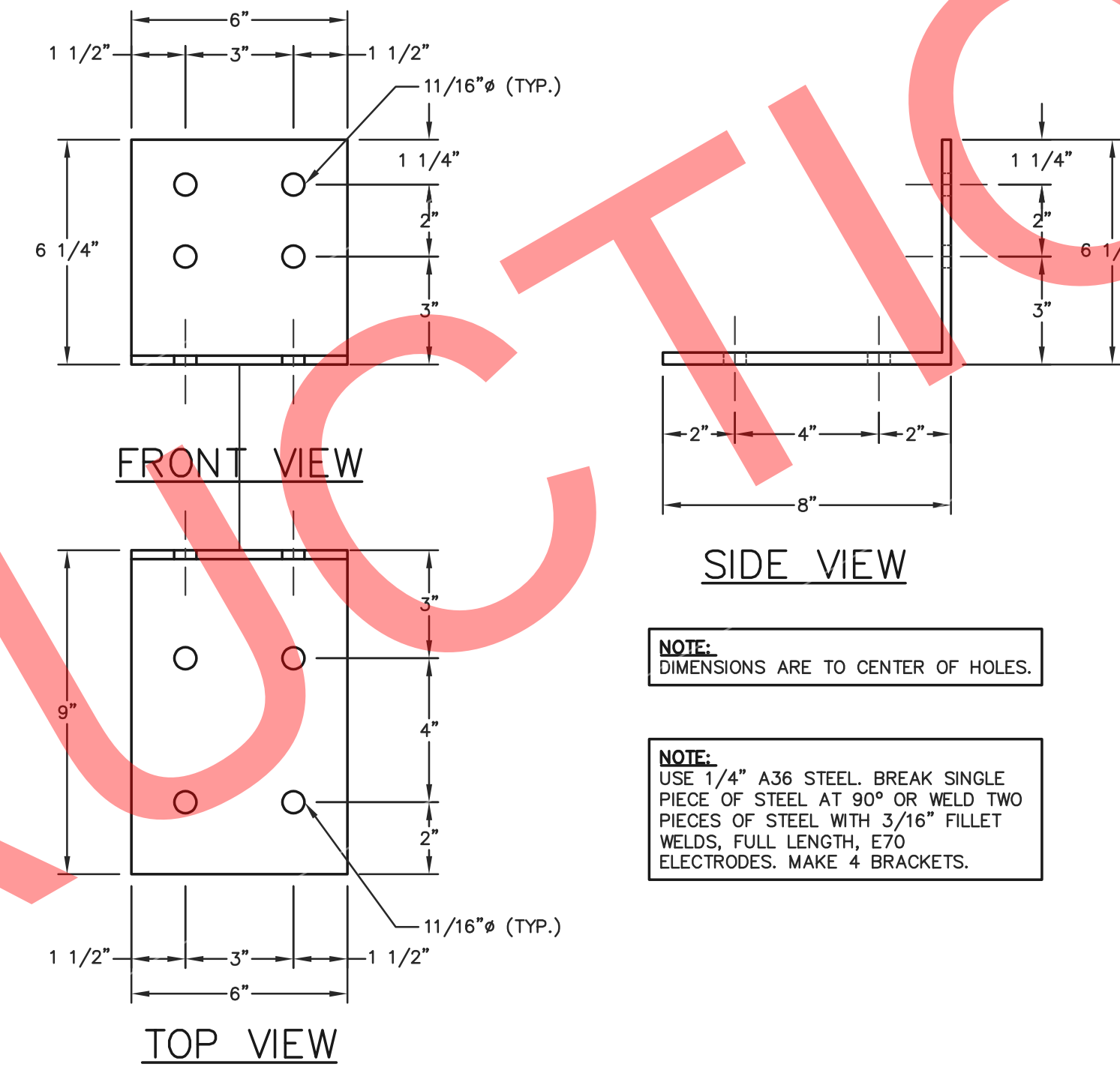
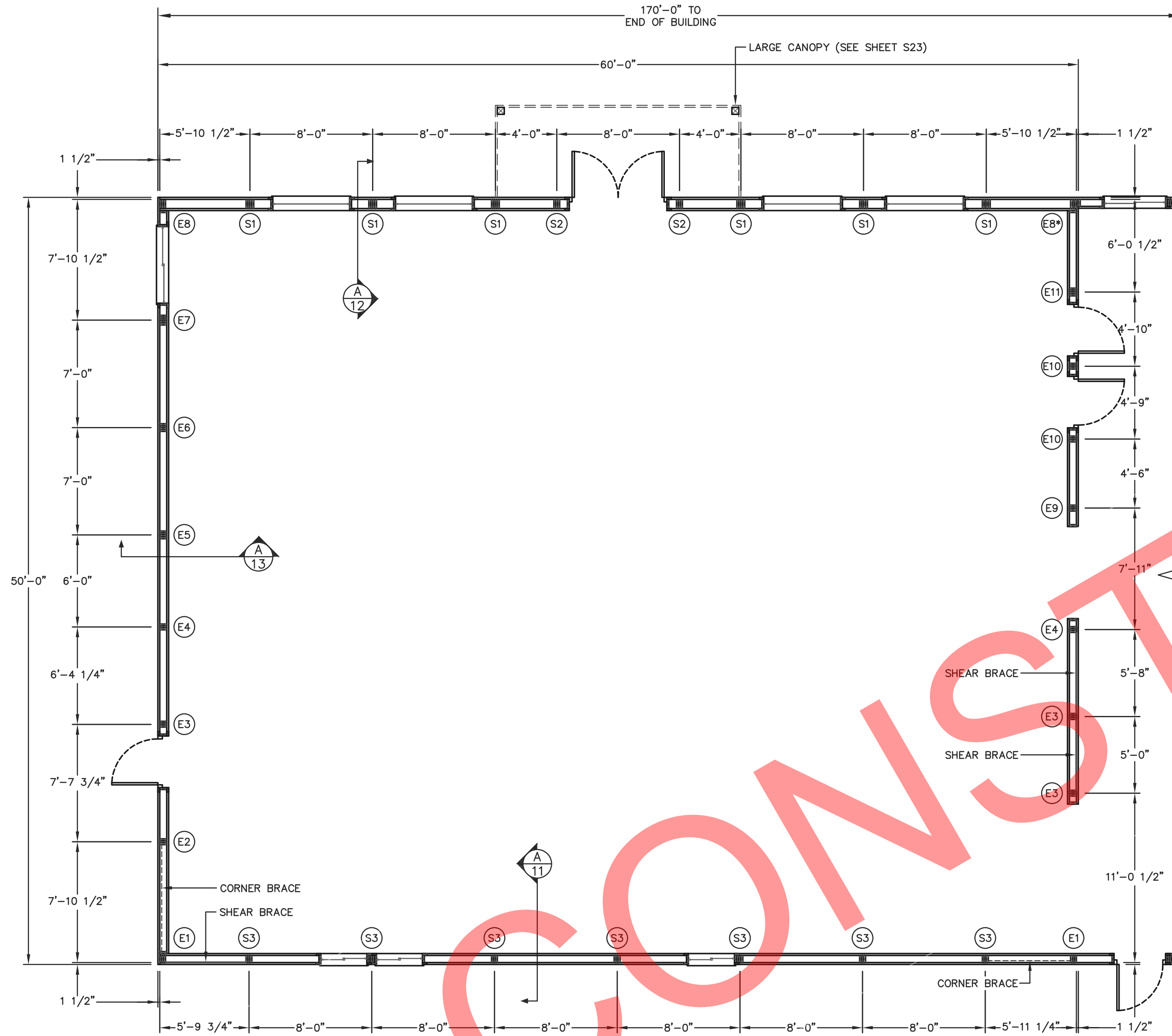
FOUNDATION PLAN  
AND DETAILS

FILE NAME: B07425W

SHEET NO.

S8





CUSTOM BRACKET DETAIL (S3 COLUMNS)  
SCALE: 3/16\"/>

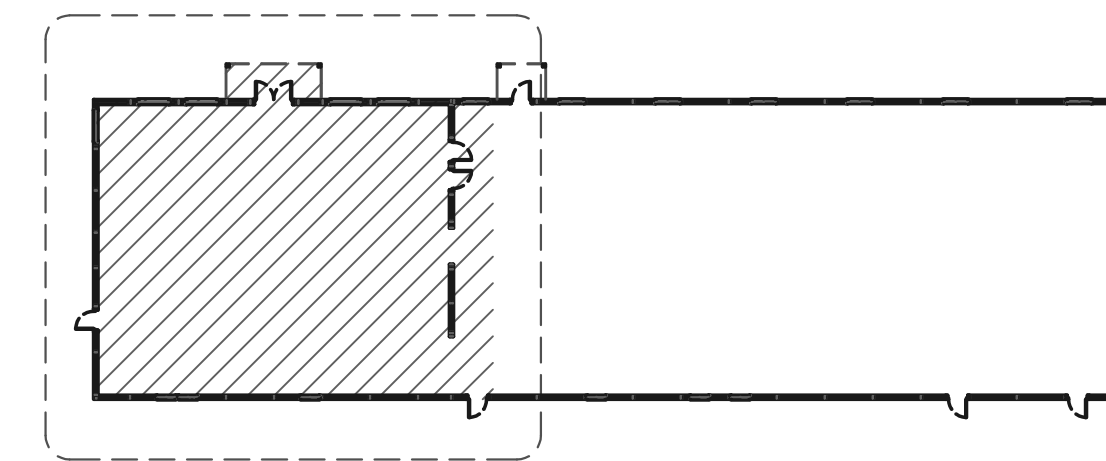
PRO-ANCHOR (PA) BRACKET DESIGNATION	
PA60	= 6\"/>
PA80	= 8\"/>
PA63	= 3-PLY 2x6 COLUMN BRACKET
PA64	= 4-PLY 2x6 COLUMN BRACKET
PA83	= 3-PLY 2x8 COLUMN BRACKET
PA84	= 4-PLY 2x8 COLUMN BRACKET

NOTE:  
ALL DIMENSIONS ARE TO CENTERLINE OF COLUMNS EXCEPT FOR CORNERS AND OVERHEAD DOOR JAMBS OR UNLESS NOTED OTHERWISE.

50'x60' BUILDING FLOOR PLAN  
SCALE: 3/16\"/>

NOTE:  
SHEAR BRACE SHALL BE 5/8\"/>

NOTE:  
CORNER BRACE SHALL BE A 2x6 EXTENDING FROM THE GRADEBOARD AT THE INTERIOR COLUMN TO THE TOP OF THE CORNER COLUMN. CORNER BRACE SHALL BE PLACED ON THE INSIDE FACE OF FRAMING MEMBERS. CORNER BRACE SHALL BE SECURED TO THE GRADEBOARD WITH (3)-10d RINGSHANK NAILS AND TO THE SOFFIT NAILER/ENDFRAME BOTTOM CHORD WITH (3)-10d RINGSHANK NAILS. EACH BRACE TO GIRT LOCATION SHALL BE SECURED WITH (1)-10d RINGSHANK NAIL.



BUILDING KEY PLAN  
NOT TO SCALE

COLUMN & BRACKET SCHEDULE								
COLUMN LOCATION	COLUMN DESCRIPTION	EMBEDMENT	# OF COLUMNS	FOOTING DESCRIPTION	BRACKET DESCRIPTION	NO. OF BRACKETS PER COLUMN	BRACKET TO COLUMN	BRACKET TO CONCRETE (PER COLUMN)
S1	3-PLY (32')-2x8 2400f MSR SYP LAMINATED COLUMN	0'-0"	6	HAUNCHED FOOTING (SEE SHEET S3)	CUSTOM BRACKETS (SEE DETAIL F/6)	1	(4)-1/2"x6" BOLTS	(4)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
S2	3-PLY (22')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	2	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
S3	3-PLY (22')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	7	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E1	3-PLY (22')-2x8 2400f MSR SYP LAMINATED COLUMN	0'-0"	1	HAUNCHED FOOTING (SEE SHEET S3)	PA80	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E2	3-PLY (22')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	1	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E3	3-PLY (24')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	3	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E4	3-PLY (26')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	2	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E5	4-PLY (28')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	1	HAUNCHED FOOTING (SEE SHEET S3)	PA64	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E6	4-PLY (30')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	1	HAUNCHED FOOTING (SEE SHEET S3)	PA64	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E7	5-PLY (32')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	1	HAUNCHED FOOTING (SEE SHEET S3)	PA60	2	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E8	3-PLY (34')-2x8 2400f MSR SYP LAMINATED COLUMN	0'-0"	2	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E8*	3-PLY (34')-2x8 2400f MSR SYP LAMINATED COLUMN	0'-0"	2	HAUNCHED FOOTING (SEE SHEET S3)	PA60	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E9	3-PLY (28')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	1	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E10	3-PLY (30')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	2	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x6" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E11	4-PLY (32')-2x6 2400f MSR SYP LAMINATED COLUMN	0'-0"	1	HAUNCHED FOOTING (SEE SHEET S3)	PA64	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT



FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

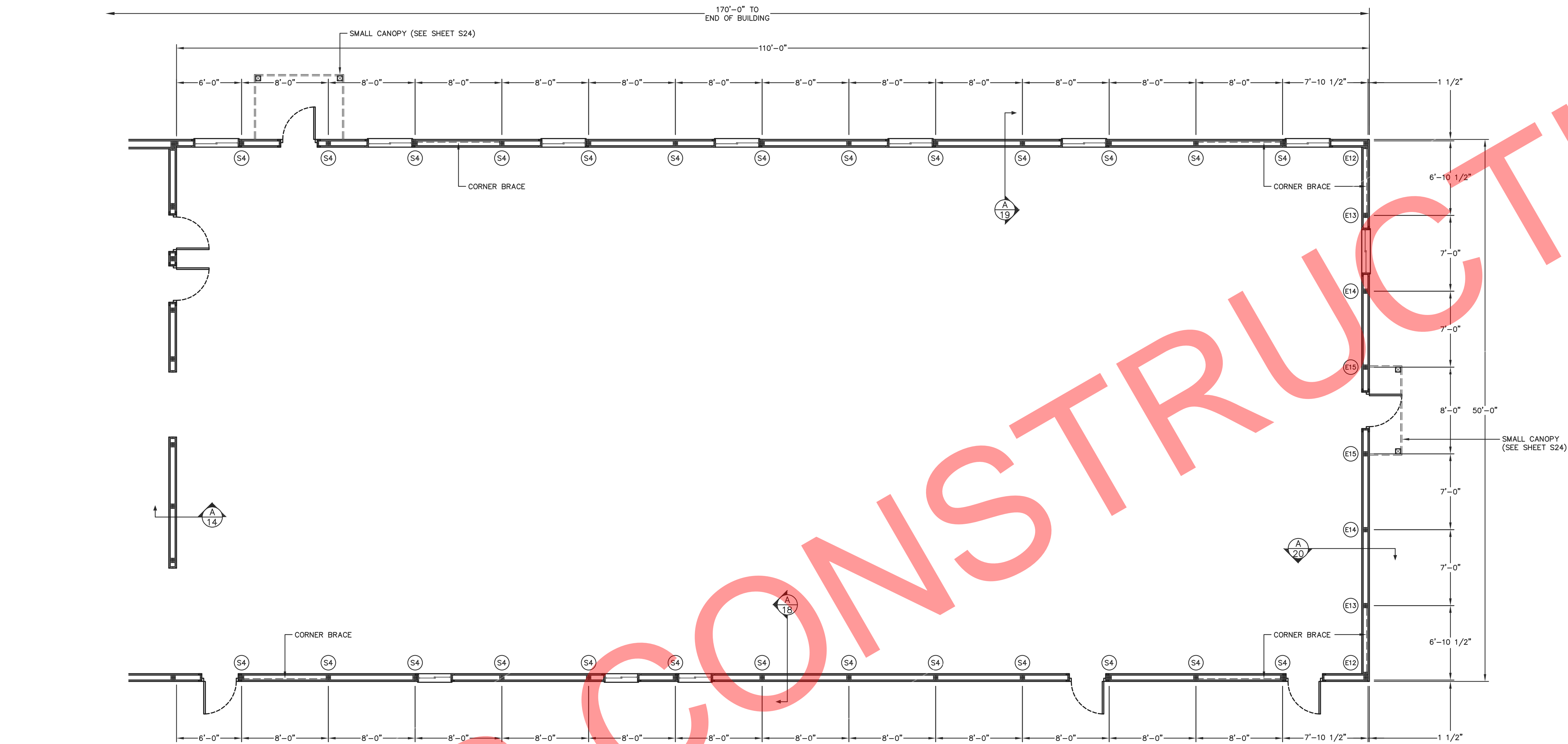
SHEET TITLE:

50'x60' BUILDING FLOOR PLAN

FILE NAME: B07425W

SHEET NO.

S9



PRO-ANCHOR (PA) BRACKET DESIGNATION	
PA60	= 6" UNIVERSAL BRACKET
PA80	= 8" UNIVERSAL BRACKET
PA63	= 3-PLY 2x6 COLUMN BRACKET
PA64	= 4-PLY 2x6 COLUMN BRACKET
PA83	= 3-PLY 2x8 COLUMN BRACKET
PA84	= 4-PLY 2x8 COLUMN BRACKET

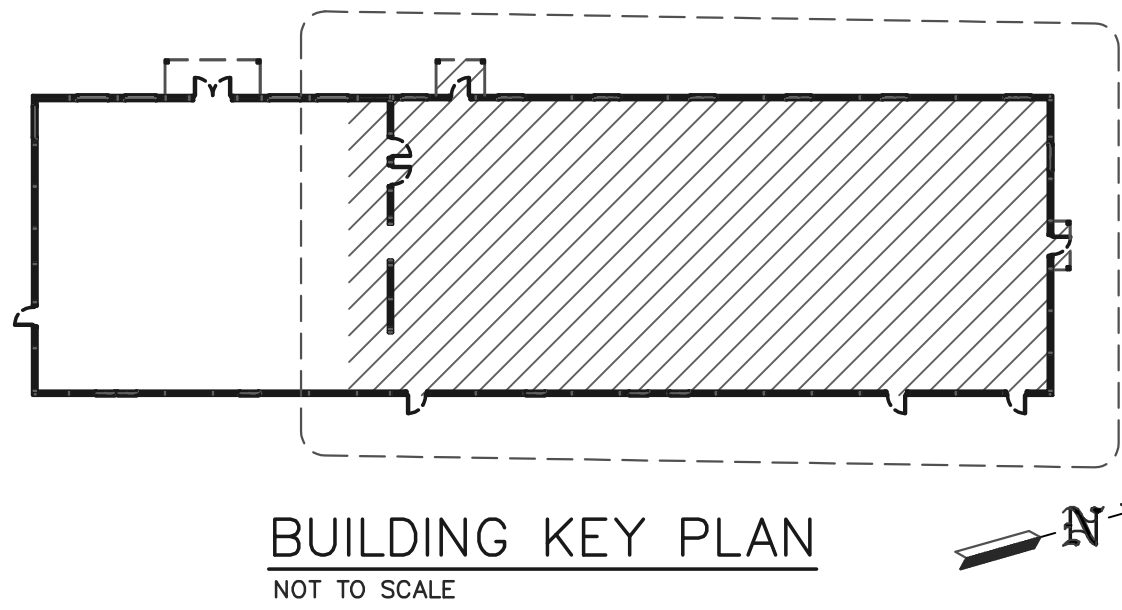
NOTE:  
ALL DIMENSIONS ARE TO CENTERLINE OF COLUMNS EXCEPT FOR CORNERS AND OVERHEAD DOOR JAMBS OR UNLESS NOTED OTHERWISE.

50'x110' BUILDING FLOOR PLAN  
SCALE: 3/16"=1'-0"

NOTE:  
SHEAR BRACE SHALL BE 5/8" O.S.B. SHEATHING EXTENDING FULL HEIGHT FROM THE FINISHED FLOOR OR GRADE TO THE TOP OF THE UPPER MOST FRAMING MEMBER, I.E. SOFFIT NAILER OR TOP CHORD. SHEAR BRACE SHALL BE SECURED TO ALL FRAMING MEMBERS WITH 6d COMMON NAILS AT 6" O.C. SHEAR BRACE SHALL BE BLOCKED AT ALL PANEL EDGES INCLUDING AT COLUMNS.

NOTE:  
CORNER BRACE SHALL BE A 2x6 EXTENDING FROM THE GRADEBOARD AT THE INTERIOR COLUMN TO THE TOP OF THE CORNER COLUMN. CORNER BRACE SHALL BE PLACED ON THE INSIDE FACE OF FRAMING MEMBERS. CORNER BRACE SHALL BE SECURED TO THE GRADEBOARD WITH (3)-10d RINGSHANK NAILS AND TO THE SOFFIT NAILER/ENDFRAME BOTTOM CHORD WITH (3)-10d RINGSHANK NAILS. EACH BRACE TO GIRT LOCATION SHALL BE SECURED WITH (1)-10d RINGSHANK NAIL.

COLUMN & BRACKET SCHEDULE								
COLUMN LOCATION	COLUMN DESCRIPTION	EMBEDMENT	# OF COLUMNS	FOOTING DESCRIPTION	BRACKET DESCRIPTION	NO. OF BRACKETS PER COLUMN	BRACKET TO COLUMN	BRACKET TO CONCRETE (PER COLUMN)
S4	3-PLY (12')-2x6 #1 SYP LAMINATED COLUMN	0'-0"	6	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E12	3-PLY (12')-2x6 #1 SYP LAMINATED COLUMN	0'-0"	2	HAUNCHED FOOTING (SEE SHEET S3)	PA60	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E13	3-PLY (14')-2x6 #1 SYP LAMINATED COLUMN	0'-0"	2	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E14	3-PLY (16')-2x6 #1 SYP LAMINATED COLUMN	0'-0"	2	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
E15	3-PLY (18')-2x6 #1 SYP LAMINATED COLUMN	0'-0"	2	HAUNCHED FOOTING (SEE SHEET S3)	PA63	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT



ENGINEERING SERVICES  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6565

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:

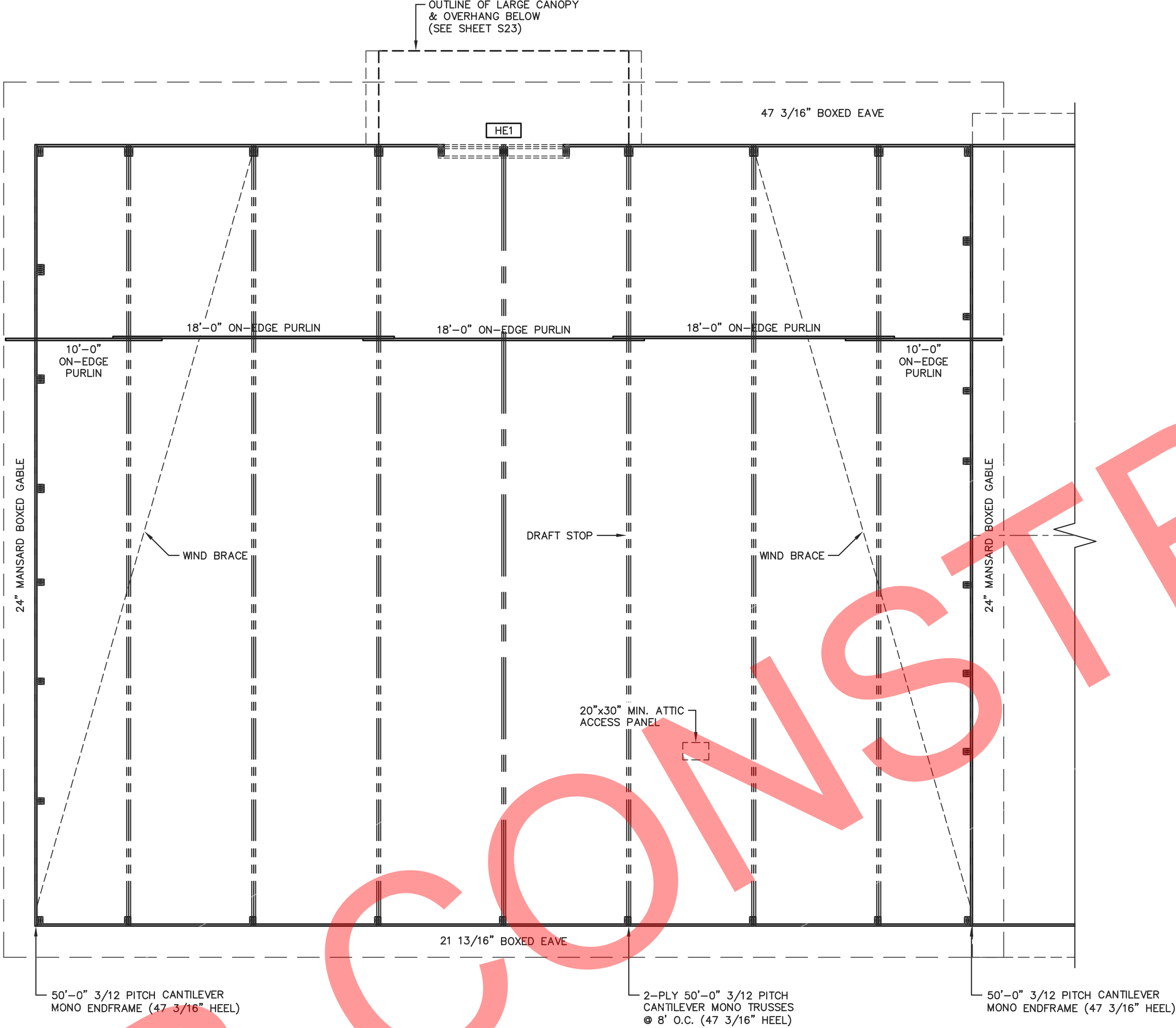
50'x110' BUILDING  
FLOOR PLAN

FILE NAME: B07425W

SHEET NO.

S10

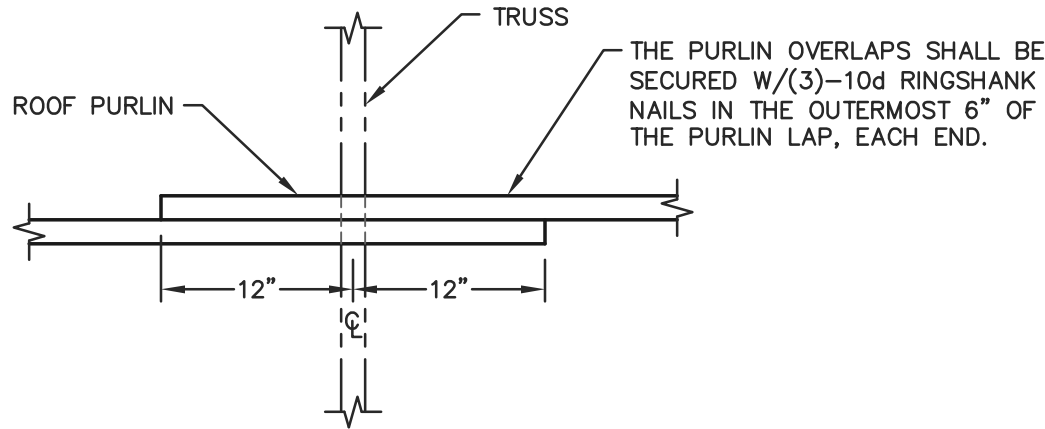




40'x60' BUILDING ROOF FRAMING PLAN  
SCALE: 3/16"=1'-0"

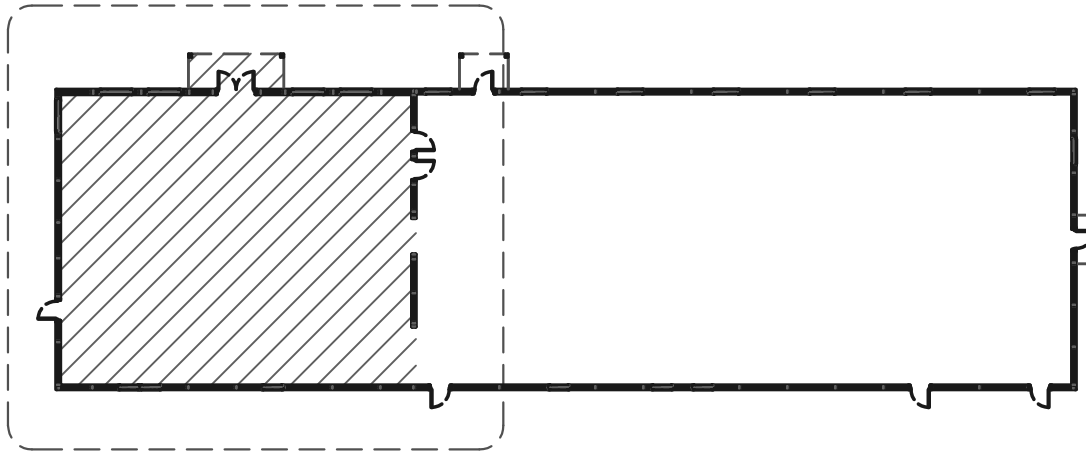
HEADER SCHEDULE		
HEADER LOCATION	HEADER DESCRIPTION	REFERENCE DETAIL(S)
HE1	3-PLY 2x12 2400f MSR SYP (2.OE) HEADER	A/B

STUB COLUMN SCHEDULE		
COLUMN LOCATION	COLUMN DESCRIPTION	NUMBER OF COLUMNS
ST1	4-PLY 2x8-(6") STUB COLUMN (CUT TO FIT)	1

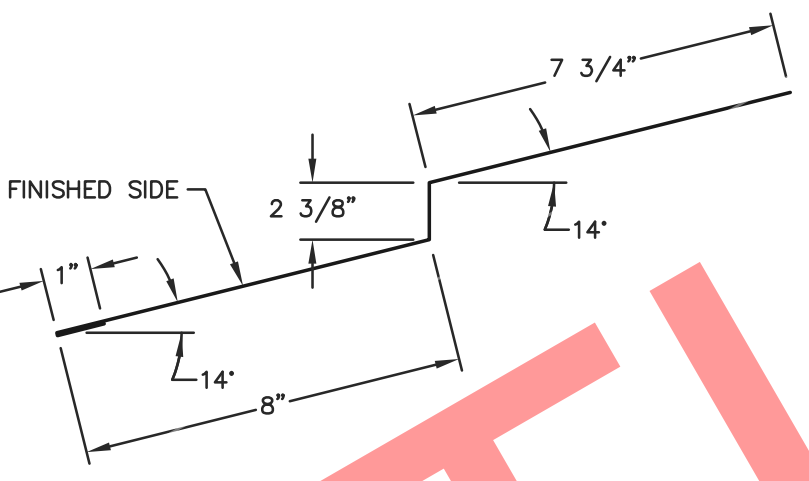


**NOTE:**  
2x4 ROOF PURLINS (ON-EDGE) AT 24" O.C. ROOF PURLINS ARE TO BE SECURED TO THE TRUSS W/(1)-60d RINGSHANK NAIL AT EACH PURLIN TO TRUSS LOCATION.

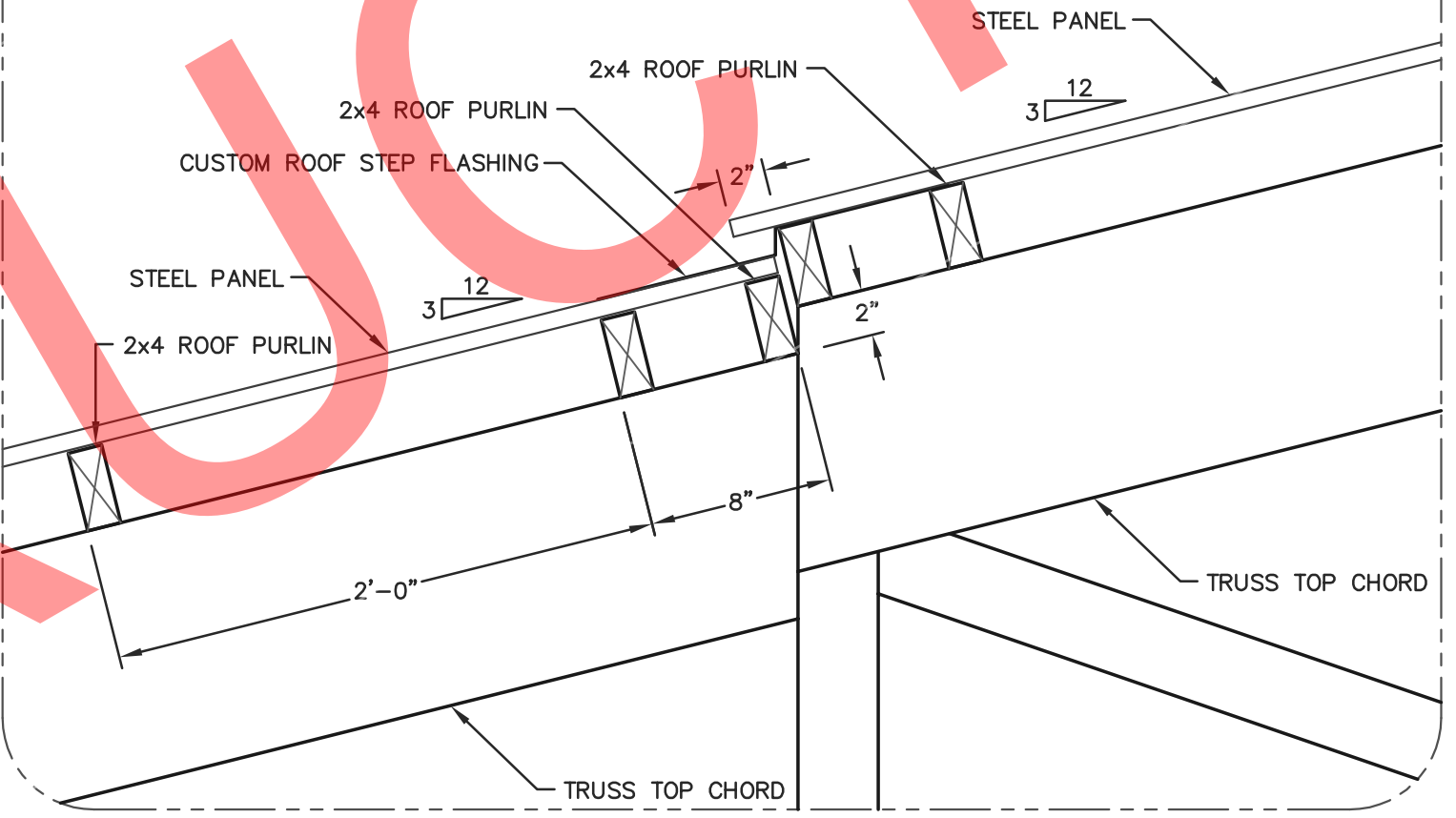
A PURLIN OVERLAP DETAIL  
SCALE: 1"=1'-0"



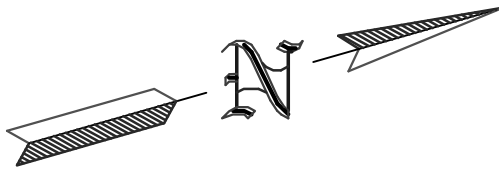
BUILDING KEY PLAN  
NOT TO SCALE



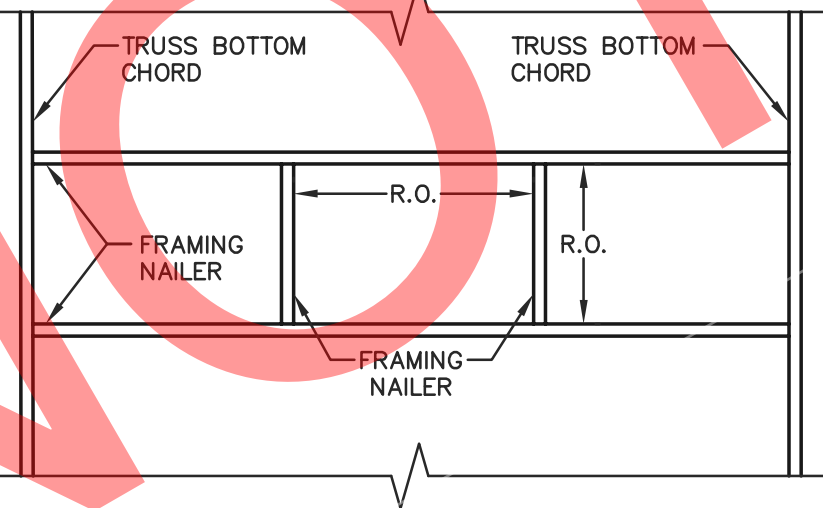
CUSTOM ROOF STEP FLASHING  
DETAIL (TRIM DIMENSIONS)  
SCALE: 3"=1'-0"



B ROOF STEP DOWN DETAIL  
SCALE: 1 1/2"=1'-0"



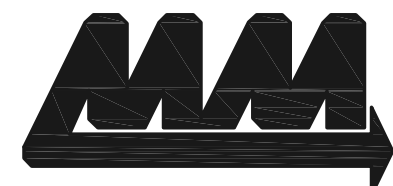
**NOTE:**  
ATTIC AREA SHALL BE COMPARTMENTALIZED INTO AREAS NOT GREATER THAN 3000 SQ. FT. BY FIRE STOPPING AS SPECIFIED IN IBC 718.4. EVERY ATTIC COMPARTMENT SHALL BE PROVIDED WITH A 20"x30" ACCESS PANEL FROM LOWER AREA OR ACCESS PANELS IN COMPARTMENT WALLS SHALL BE PROVIDED WITH SELF CLOSING DEVICES. (INCLUDES OVERHANGS)



ATTIC ACCESS FRAMING  
SCALE: 1/2"=1'-0"

**NOTE:**  
WIND BRACE SHALL BE A 2x4 PLACED ON THE UNDERSIDE OF THE ROOF PURLINS. WIND BRACE SHALL BE SECURED W/(2)-30d RINGSHANK NAILS AT EACH END AND W/(1)-10d RINGSHANK NAIL AT EACH BRACE TO PURLIN LOCATION.

**NOTE:**  
LATERAL BRACING IS REQUIRED. SEE TRUSS SPECIFICATION SHEET(S) FOR LATERAL BRACE LOCATIONS.



ENGINEERING SERVICES  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

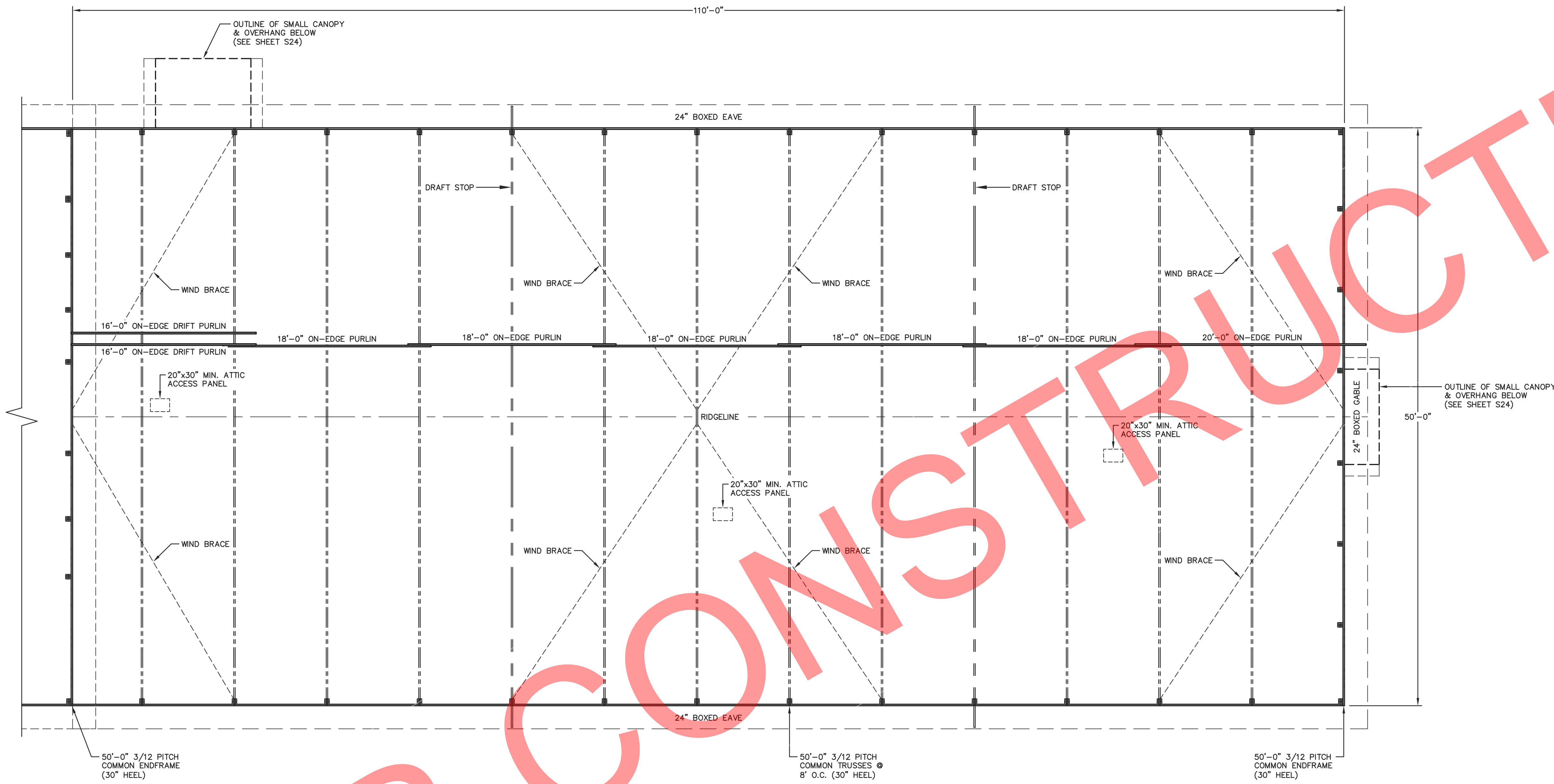
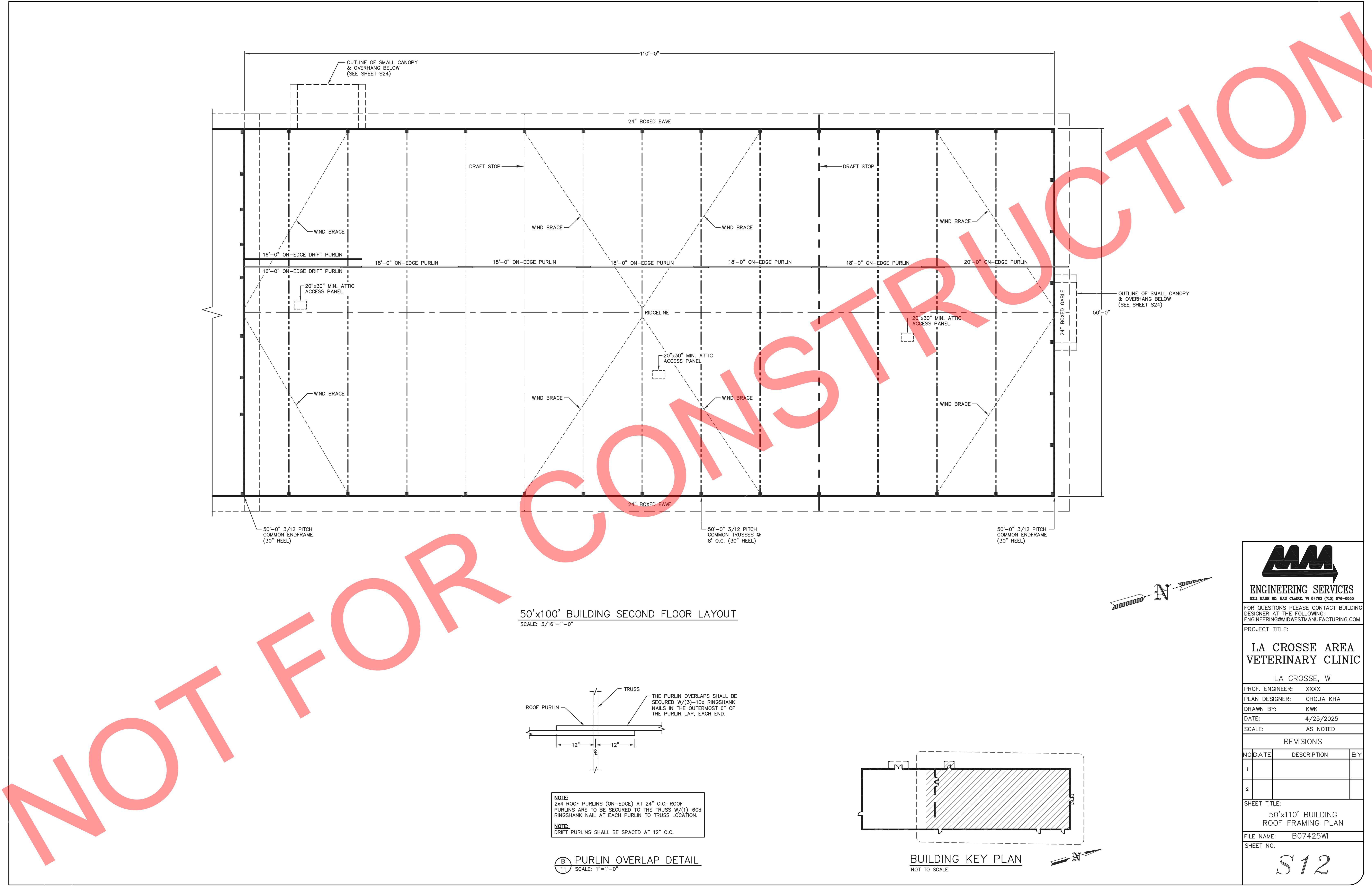
SHEET TITLE:

50'x60' BUILDING  
ROOF FRAMING PLAN

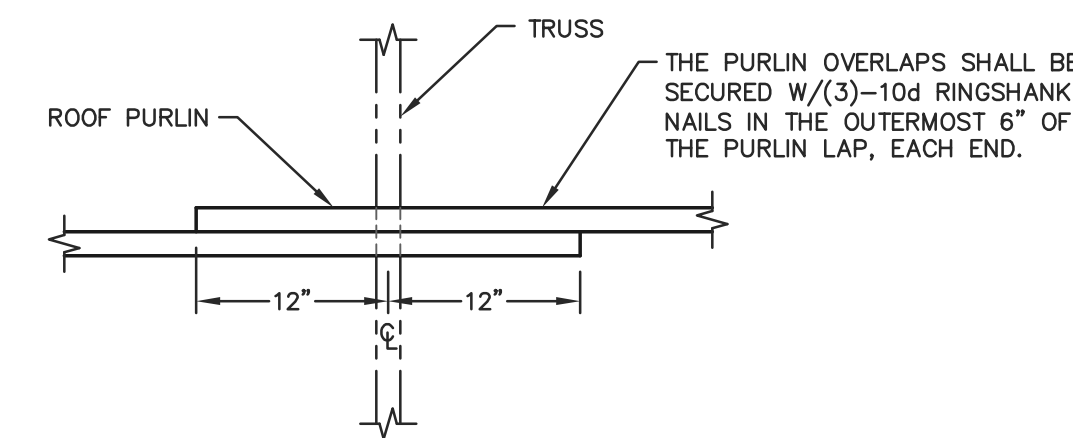
FILE NAME: B07425W

SHEET NO.

S11



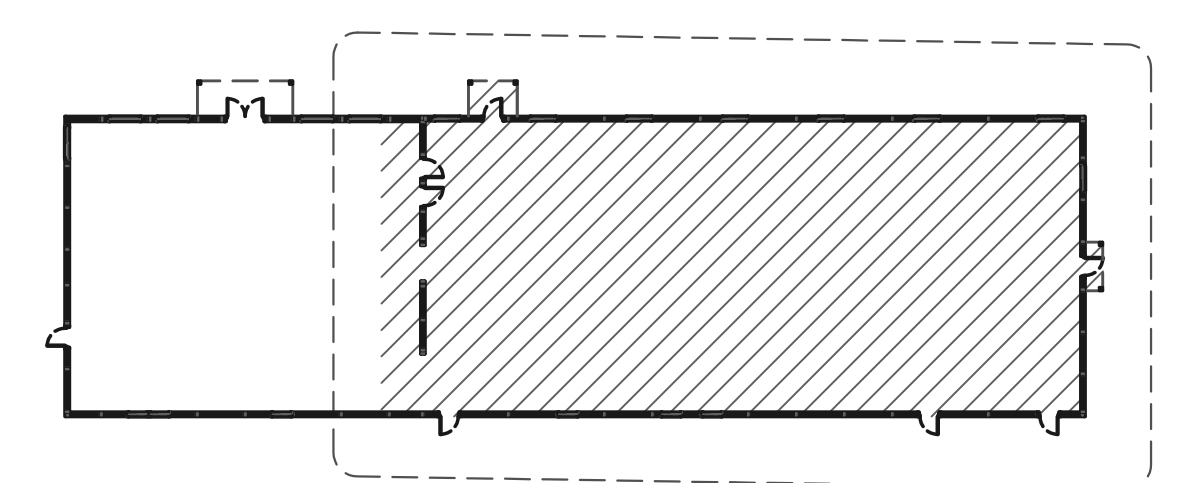
50'x100' BUILDING SECOND FLOOR LAYOUT  
SCALE: 3/16"=1'-0"



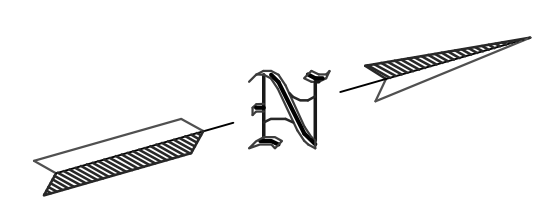
**NOTE:**  
2x4 ROOF PURLINS (ON-EDGE) AT 24" O.C. ROOF PURLINS ARE TO BE SECURED TO THE TRUSS W/(1)-60d RINGSHANK NAIL AT EACH PURLIN TO TRUSS LOCATION.

**NOTE:**  
DRIFT PURLINS SHALL BE SPACED AT 12" O.C.

**B** PURLIN OVERLAP DETAIL  
SCALE: 1"=1'-0"



BUILDING KEY PLAN  
NOT TO SCALE



**ENGINEERING SERVICES**  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX  
PLAN DESIGNER: CHOUA KHA  
DRAWN BY: KWK  
DATE: 4/25/2025  
SCALE: AS NOTED

REVISIONS			
NO	DATE	DESCRIPTION	BY
1			
2			

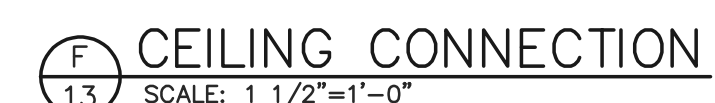
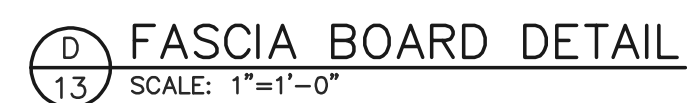
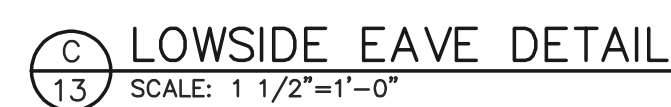
SHEET TITLE:

50'x110' BUILDING ROOF FRAMING PLAN

FILE NAME: B07425WI  
SHEET NO.

**S12**



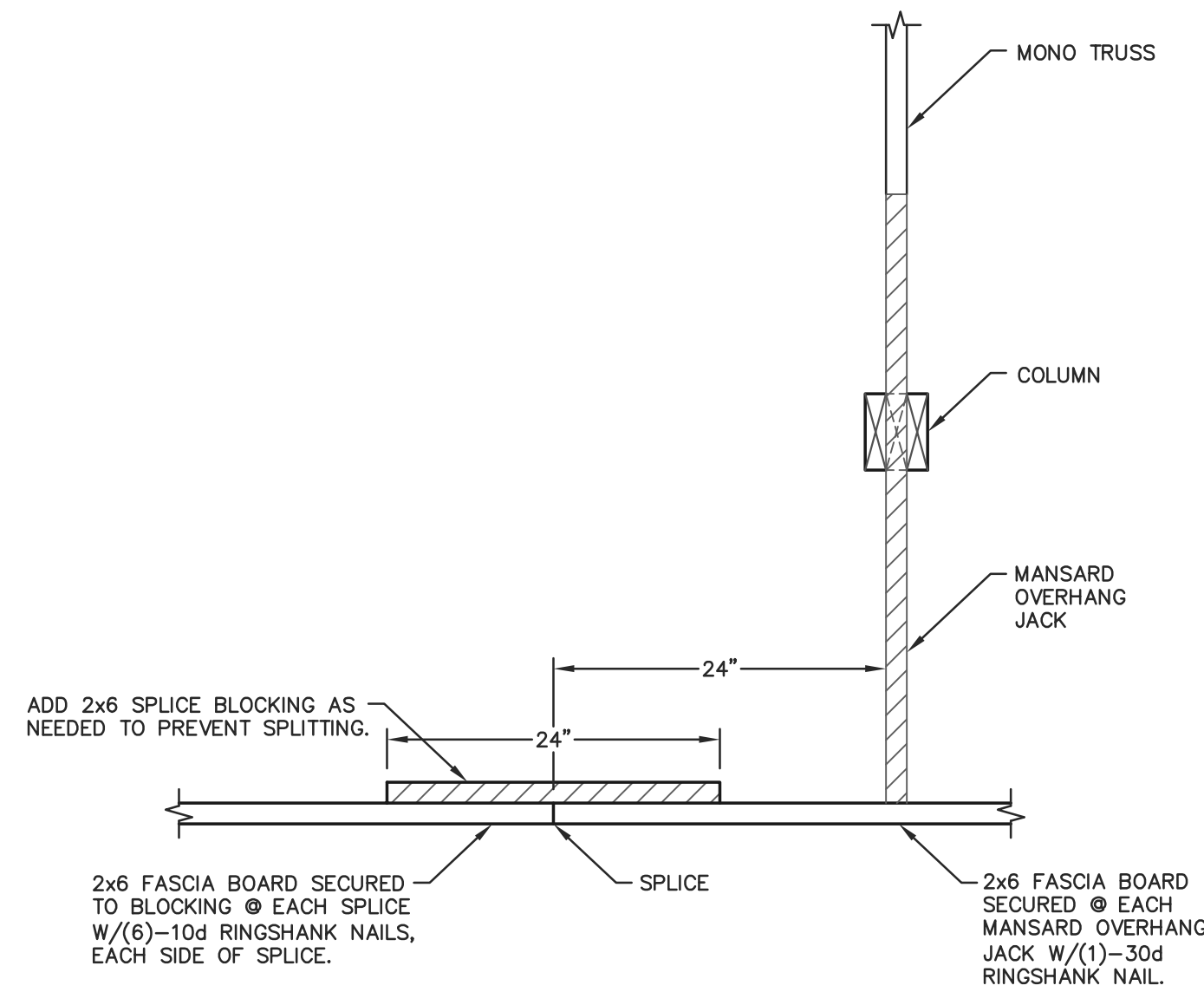


**NOTE:** CONCEALED WALL SPACES SHALL HAVE FIRE BLOCKING AT CEILING AND FLOOR LEVELS AND HORIZONTAL INTERVALS NOT EXCEEDING 10' PER IBC 718.2. FIRE BLOCKING MAY CONSIST OF TWO INCH NOMINAL MATERIAL OR INSULATION MEETING IBC REQUIREMENTS.

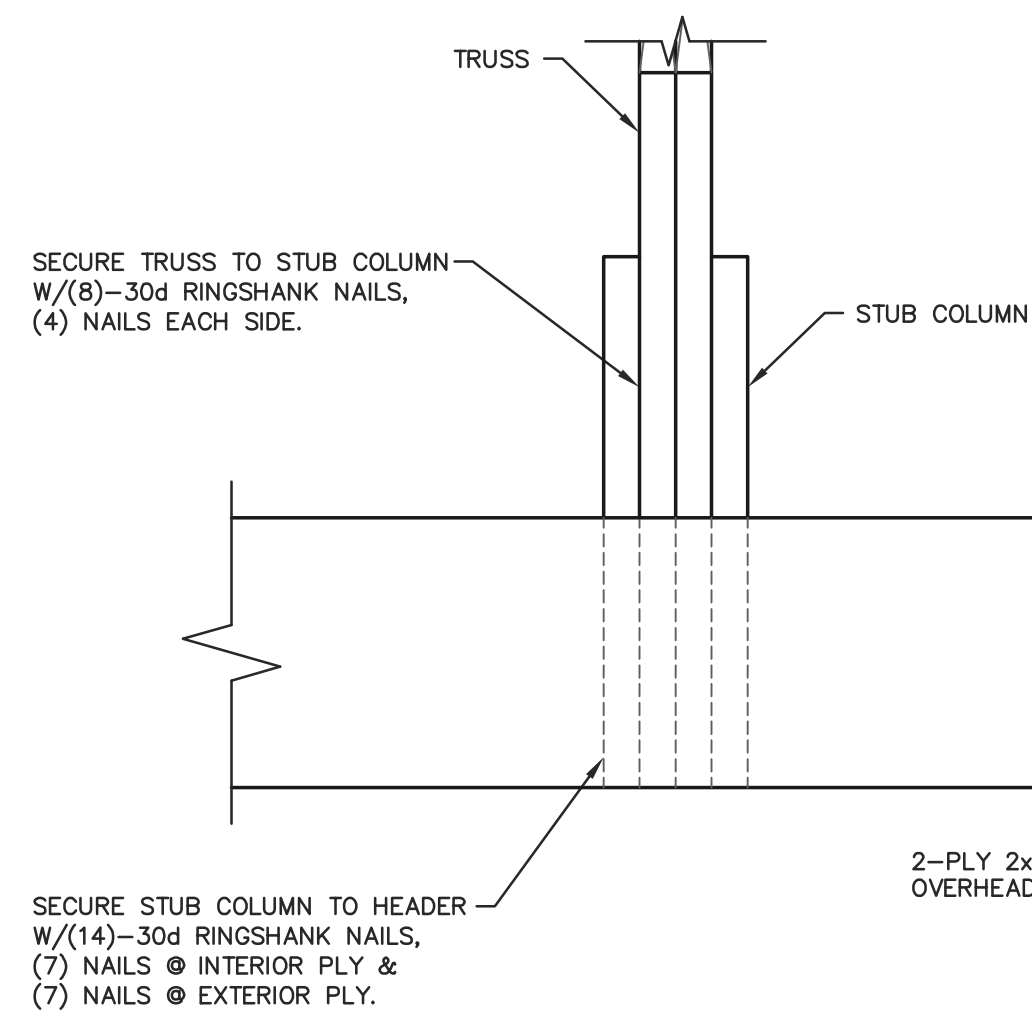
573

S13

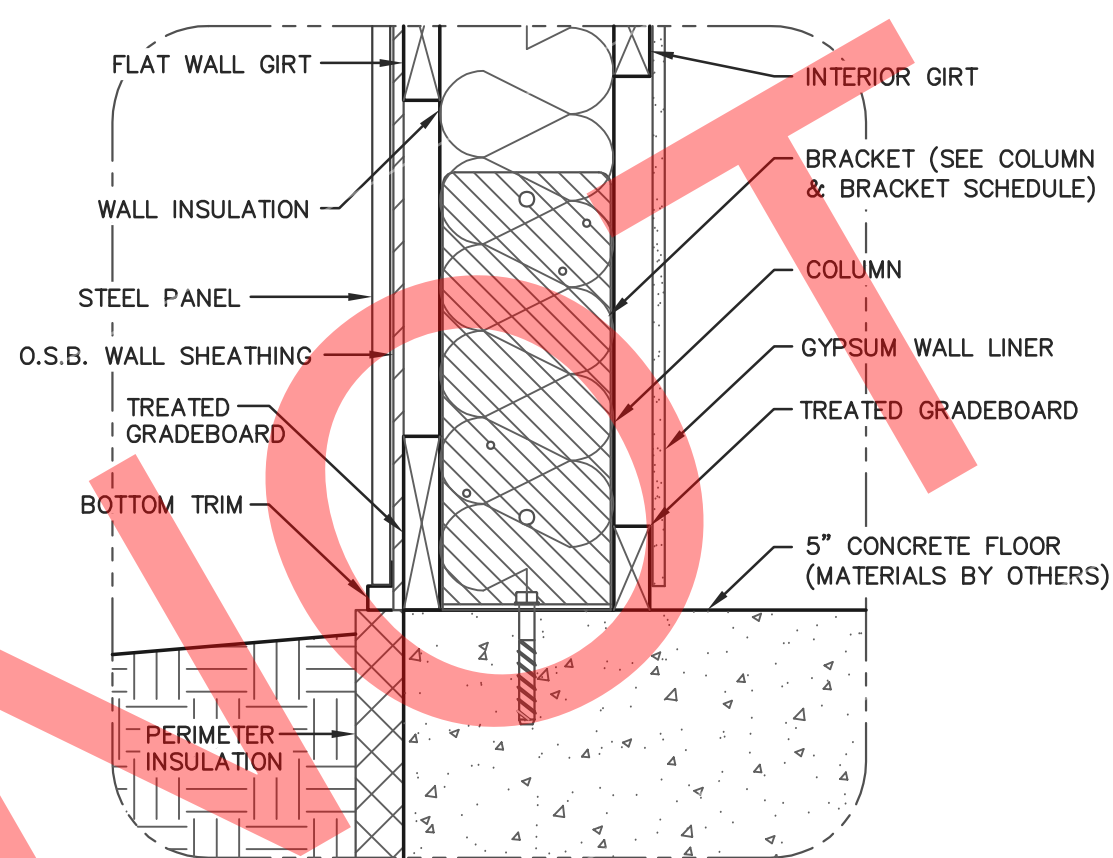




**D FASCIA BOARD DETAIL**  
SCALE: 1"=1'-0"



**A TRUSS HEADER INSTALLATION DETAIL**  
SCALE: 1 1/2"=1'-0"



**B GRADE DETAIL**  
SCALE: 1 1/2"=1'-0"

**NOTE:**  
WATER-RESISTIVE BARRIER  
PLACED BETWEEN STEEL  
PANEL AND SHEATHING.

PREMIUM PRO-SNAP STEEL  
PANEL SECURED PER STEEL  
APPLICATION DETAIL SHEET.

7/16" O.S.B. WALL SHEATHING  
SECURED TO ALL FRAMING  
MEMBERS W/ 8d COMMON  
NAILS @ 6" O.C.

2x6 FLAT WALL GIRTS @ 24" O.C.  
(START GIRT SPACING AT  
WAINSCOT NAILER)

7/16" O.S.B. WALL SHEATHING  
SECURED TO ALL FRAMING  
MEMBERS W/ 8d COMMON  
NAILS @ 6" O.C. BLOCK @  
ALL PANEL EDGES.

**NOTE:**  
WATER-RESISTIVE BARRIER  
PLACED BETWEEN STEEL  
PANEL AND SHEATHING.

2x8 TREATED GRADEBOARD  
(SEE DETAIL B/14)

(R-10) HIGH DENSITY PERIMETER  
INSULATION EXTENDING 4' INTO BUILDING  
(REQUIRED IN HEATED BUILDINGS)

**A 50'x60' BUILDING SIDEWALL SECTION**  
SCALE: 1/2"=1'-0"

TRUSS PLACED INTO COLUMN:  
FULL BEARING. (SEE DETAIL E/13)

PREMIUM PRO-RIB STEEL PANEL SECURED  
PER STEEL APPLICATION DETAIL SHEET.

2x4 ROOF PURLINS (ON-EDGE)  
(SEE ROOF FRAMING PLAN)

(R-38) CEILING  
INSULATION W/  
4 MIL POLY

5/8" GYPSUM  
CEILING LINER

2x4 SUB-PURLINS ON EDGE @ 24"  
O.C. SECURED TO EACH TRUSS  
W/ (2)-30d RINGSHANK NAILS

TRUSS BEARING  
ELEV. 128'-1 3/4"

### SIDEWALL SECTION FASTENER NOTES

**SOFFIT NAILER:**  
SOFFIT NAILER SECURED WITH (2)-30d RINGSHANK NAILS AT EACH  
SOFFIT NAILER TO COLUMN LOCATION.

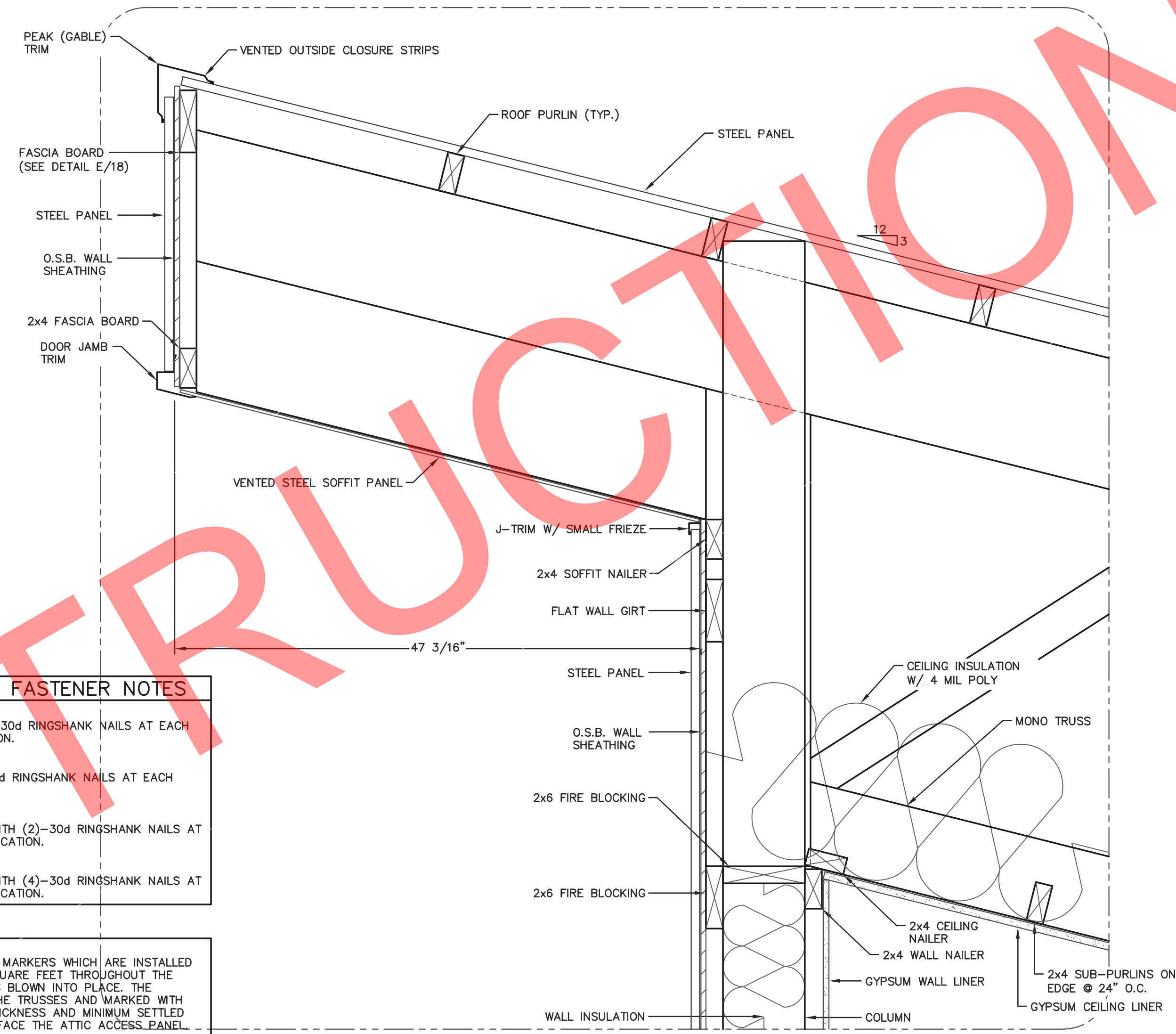
**WALL GIRTS:**  
WALL GIRTS SECURED WITH (2)-30d RINGSHANK NAILS AT EACH  
GIRT TO COLUMN LOCATION.

**INTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (2)-30d RINGSHANK NAILS AT  
EACH GRADEBOARD TO COLUMN LOCATION.

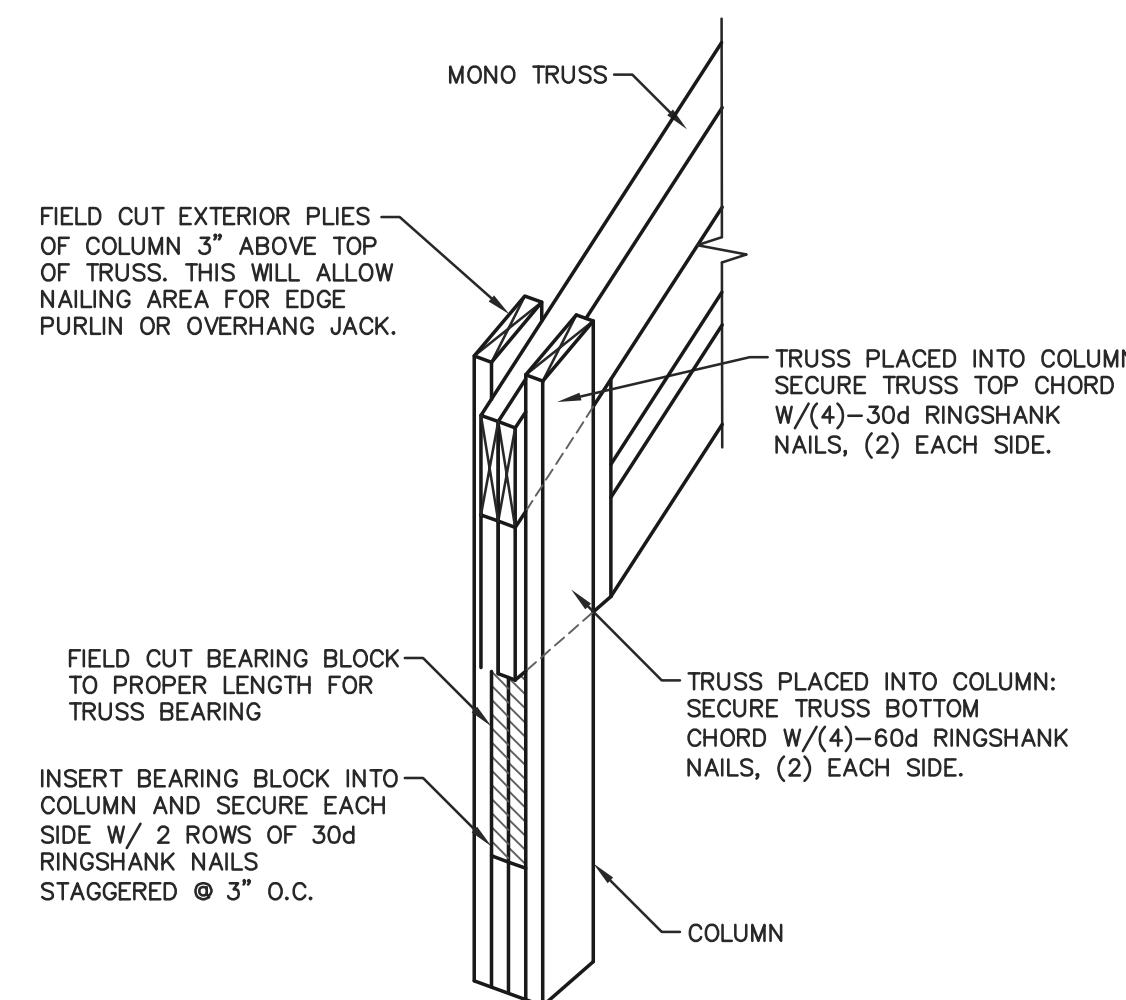
**EXTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (4)-30d RINGSHANK NAILS AT  
EACH GRADEBOARD TO COLUMN LOCATION.

**NOTE:**  
OWNER SHALL PROVIDE THICKNESS MARKERS WHICH ARE INSTALLED  
AT LEAST ONE FOR EVERY 300 SQUARE FEET THROUGHOUT THE  
ATTIC SPACE IF THE INSULATION IS BLOWN INTO PLACE. THE  
MARKERS SHALL BE AFFIXED TO THE TRUSSES AND MARKED WITH  
THE MINIMUM INITIAL INSTALLED THICKNESS AND MINIMUM SETTLED  
THICKNESS. EACH MARKER SHALL FACE THE ATTIC ACCESS PANEL.

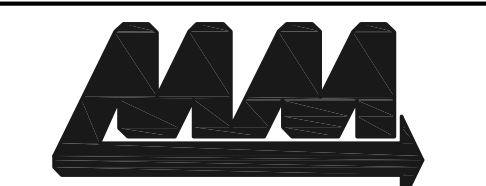
**NOTE:**  
CONCEALED WALL SPACES SHALL HAVE FIRE BLOCKING AT CEILING  
AND FLOOR LEVELS AND HORIZONTAL INTERVALS NOT EXCEEDING 10'  
PER IBC 718.2. FIRE BLOCKING MAY CONSIST OF TWO INCH NOMINAL  
MATERIAL OR INSULATION MEETING IBC REQUIREMENTS.



**C HIGHSIDE EAVE DETAIL**  
SCALE: 1 1/2"=1'-0"



**E TRUSS INSTALLATION DETAIL**  
SCALE: NOT TO SCALE



**ENGINEERING SERVICES**  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6555

FOR QUESTIONS PLEASE CONTACT BUILDING  
DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA  
VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOJA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

### REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

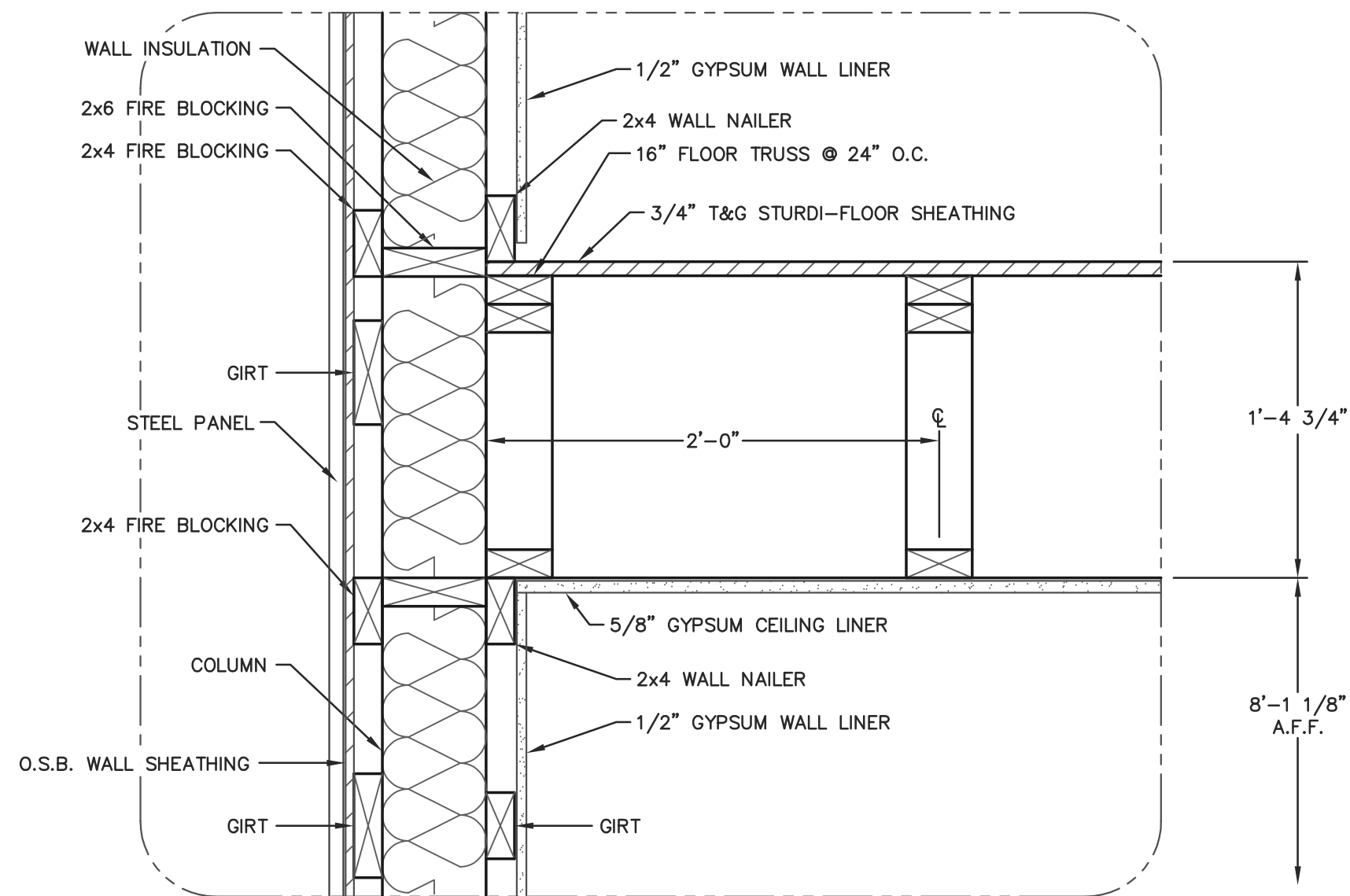
SHEET TITLE:  
50'x60' BUILDING SIDEWALL  
SECTION, SECTION DETAILS  
AND HEADER DETAIL

FILE NAME: B07425W

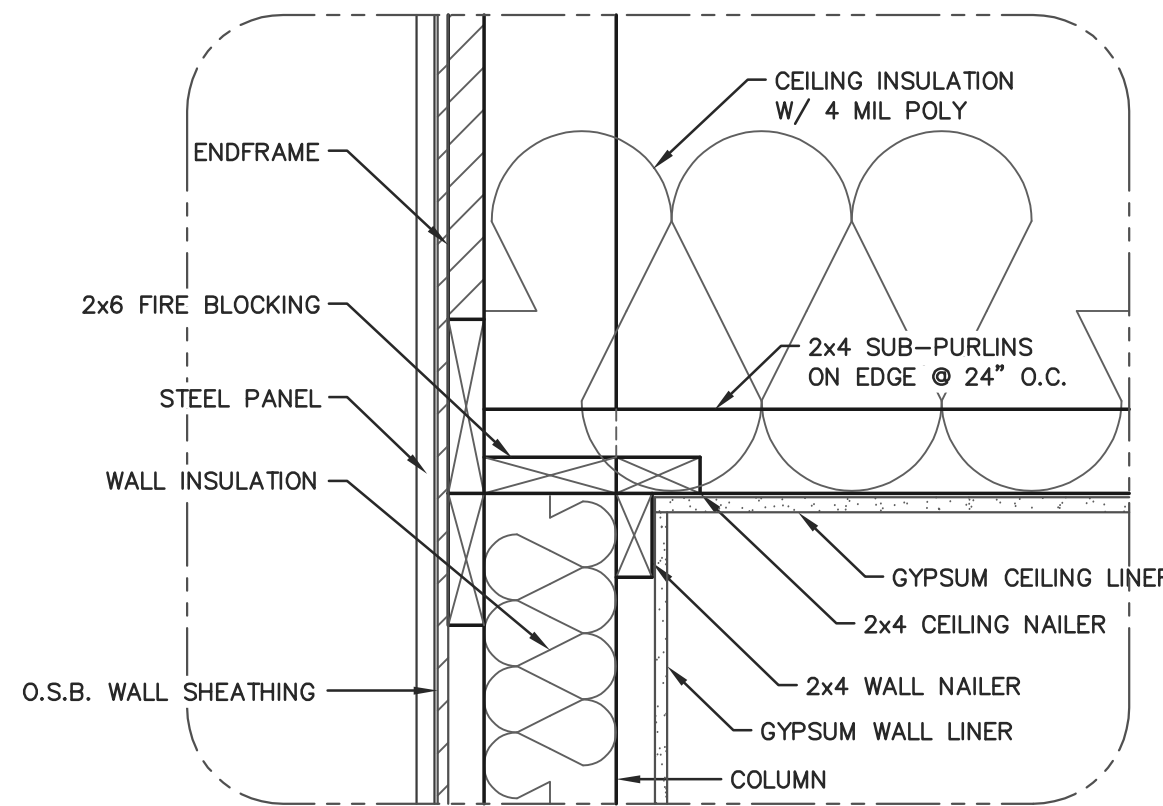
SHEET NO.

**S14**

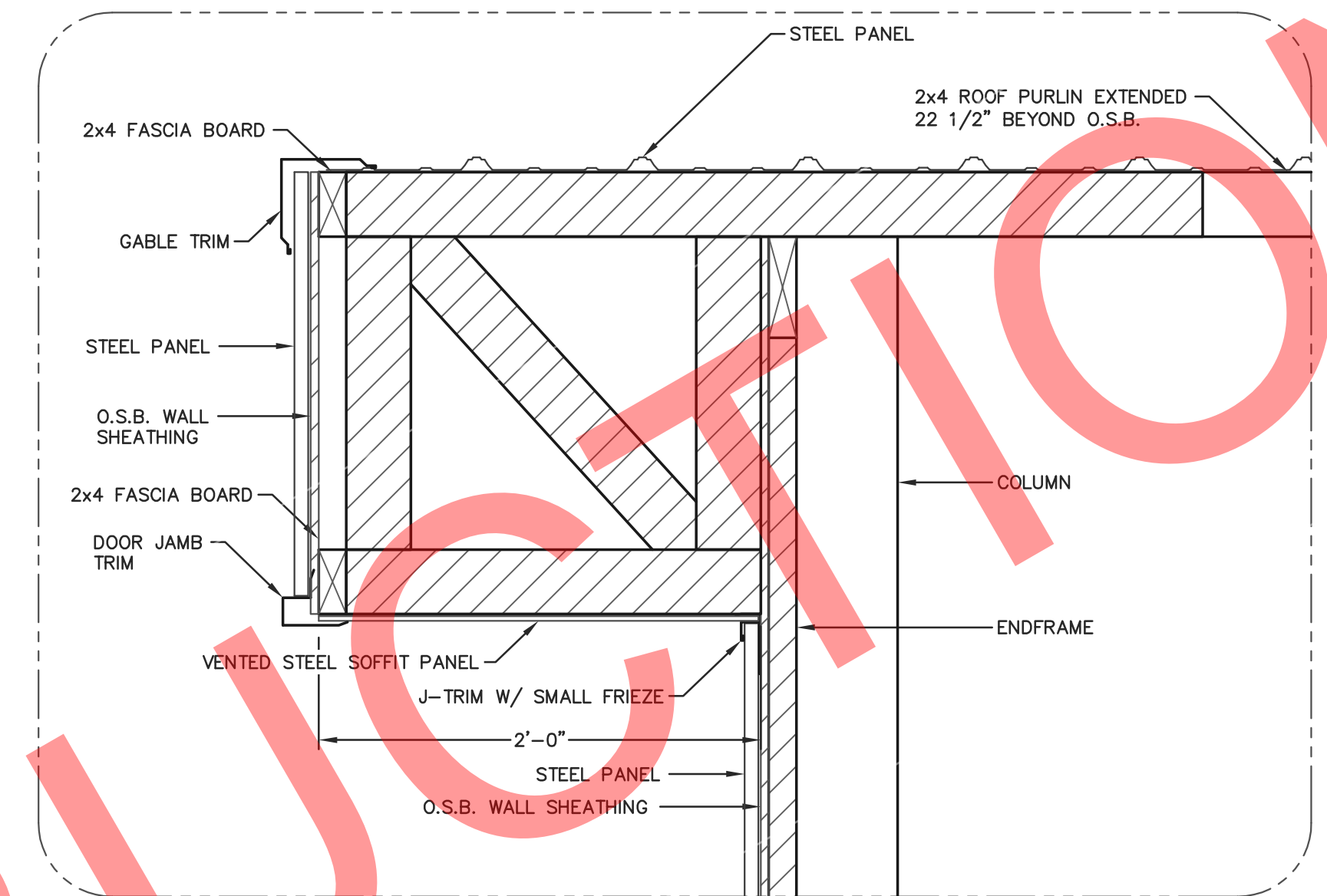




**C** CEILING CONNECTION DETAIL  
SCALE: 1 1/2"=1'-0"



**D** CEILING CONNECTION DETAIL  
SCALE: 1 1/2"=1'-0"



**E** 24" MANSARD BOXED GABLE DETAIL  
SCALE: 1 1/2"=1'-0"

**NOTE:**  
WATER-RESISTIVE BARRIER  
PLACED BETWEEN STEEL  
PANEL AND SHEATHING.

PREMIUM PRO-SNAP STEEL  
PANEL SECURED PER STEEL  
APPLICATION DETAIL SHEET.  
24"X26" MANSARD BOXED  
GABLE (SEE DETAIL E/15)  
7/16" O.S.B. WALL SHEATHING  
SECURED TO ALL FRAMING  
MEMBERS W/ 8d COMMON  
NAILS @ 6" O.C.

**ENDFRAME:**  
ENDFRAME SECURED TO ALL ENDWALL  
COLUMNS WITH (5)-30d RINGSHANK NAILS  
AT EACH ENDFRAME TO COLUMN LOCATION.

ENDFRAME BEARING  
ELEV. VARIES

**ENDWALL SECTION FASTENER NOTES**  
**MANSARD JACK:**  
MANSARD JACKS SECURED TO TRUSS WITH (2)-60d RINGSHANK  
NAILS, 16" MIN. APART.  
**SOFFIT NAILER:**  
SOFFIT NAILER SECURED WITH (2)-30d RINGSHANK NAILS AT EACH  
SOFFIT NAILER TO COLUMN LOCATION.  
**WALL GIRTS:**  
WALL GIRTS SECURED WITH (2)-30d RINGSHANK NAILS AT EACH  
GIRT TO COLUMN LOCATION.  
**INTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (2)-30d RINGSHANK NAILS AT  
EACH GRADEBOARD TO COLUMN LOCATION.  
**EXTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (4)-30d RINGSHANK NAILS AT  
EACH GRADEBOARD TO COLUMN LOCATION.

**NOTE:**  
OWNER SHALL PROVIDE THICKNESS MARKERS WHICH ARE INSTALLED  
AT LEAST ONE FOR EVERY 300 SQUARE FEET THROUGHOUT THE  
ATTIC SPACE IF THE INSULATION IS BLOWN INTO PLACE. THE  
MARKERS SHALL BE AFFIXED TO THE TRUSSES AND MARKED WITH  
THE MINIMUM INITIAL INSTALLED THICKNESS AND MINIMUM SETTLED  
THICKNESS. EACH MARKER SHALL FACE THE ATTIC ACCESS PANEL.

**NOTE:**  
CONCEALED WALL SPACES SHALL HAVE FIRE BLOCKING AT CEILING  
AND FLOOR LEVELS AND HORIZONTAL INTERVALS NOT EXCEEDING 10'  
PER IBC 718.2. FIRE BLOCKING MAY CONSIST OF TWO INCH NOMINAL  
MATERIAL OR INSULATION MEETING IBC REQUIREMENTS.

**NOTE:**  
WATER-RESISTIVE BARRIER  
PLACED BETWEEN STEEL  
PANEL AND SHEATHING.

PREMIUM PRO-SNAP STEEL  
PANEL SECURED PER STEEL  
APPLICATION DETAIL SHEET.

COLUMN (SEE COLUMN  
& BRACKET SCHEDULE)

7/16" O.S.B. WALL SHEATHING  
SECURED TO ALL FRAMING  
MEMBERS W/ 8d COMMON  
NAILS @ 6" O.C.

2x8 TREATED GRADEBOARD  
(SEE DETAIL B/15)

(R-10) HIGH DENSITY PERIMETER  
INSULATION EXTENDING 4" INTO BUILDING  
(REQUIRED IN HEATED BUILDINGS)

1/2" GYPSUM WALL LINER  
SECURED TO ALL FRAMING  
MEMBERS W/ #6x1 1/4" TYPE W  
COARSE THREAD DRYWALL SCREWS  
@ 4" O.C. MAX. ALONG PANEL  
EDGES & 12" O.C. @ INTERMEDIATE  
FRAMING MEMBERS.

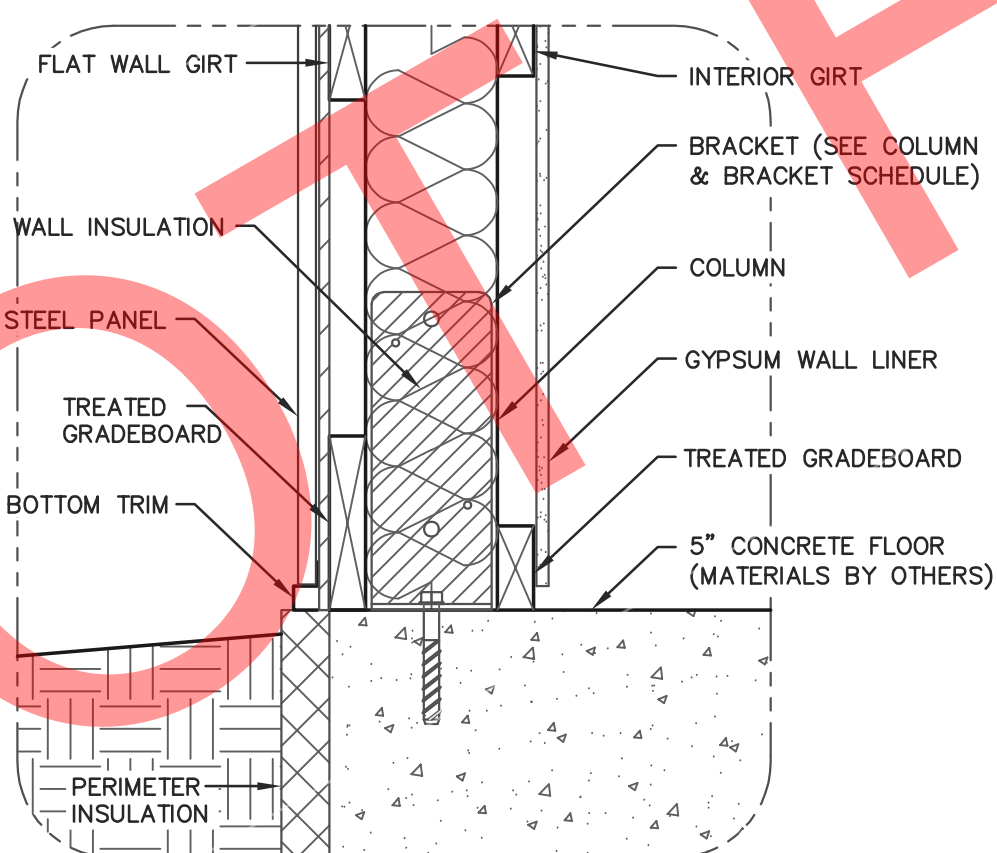
2x4 TREATED GRADEBOARD  
(SEE DETAIL B/15)

5" CONCRETE FLOOR  
(MATERIALS BY OTHERS)  
6 MIL (0.006 INCH) POLYETHYLENE  
W/ JOINTS LAPPED NOT LESS  
THAN 6 INCHES

HAUNCHED CONCRETE FOOTING  
(MATERIALS BY OTHERS) (SEE SHEET S9)

FINISHED FLOOR  
ELEV. 100'-0"

**A** 40'x60' BUILDING ENDWALL SECTION  
SCALE: 1/2"=1'-0"



**B** GRADE DETAIL  
SCALE: 1 1/2"=1'-0"

**ENGINEERING SERVICES**  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING  
DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA  
VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

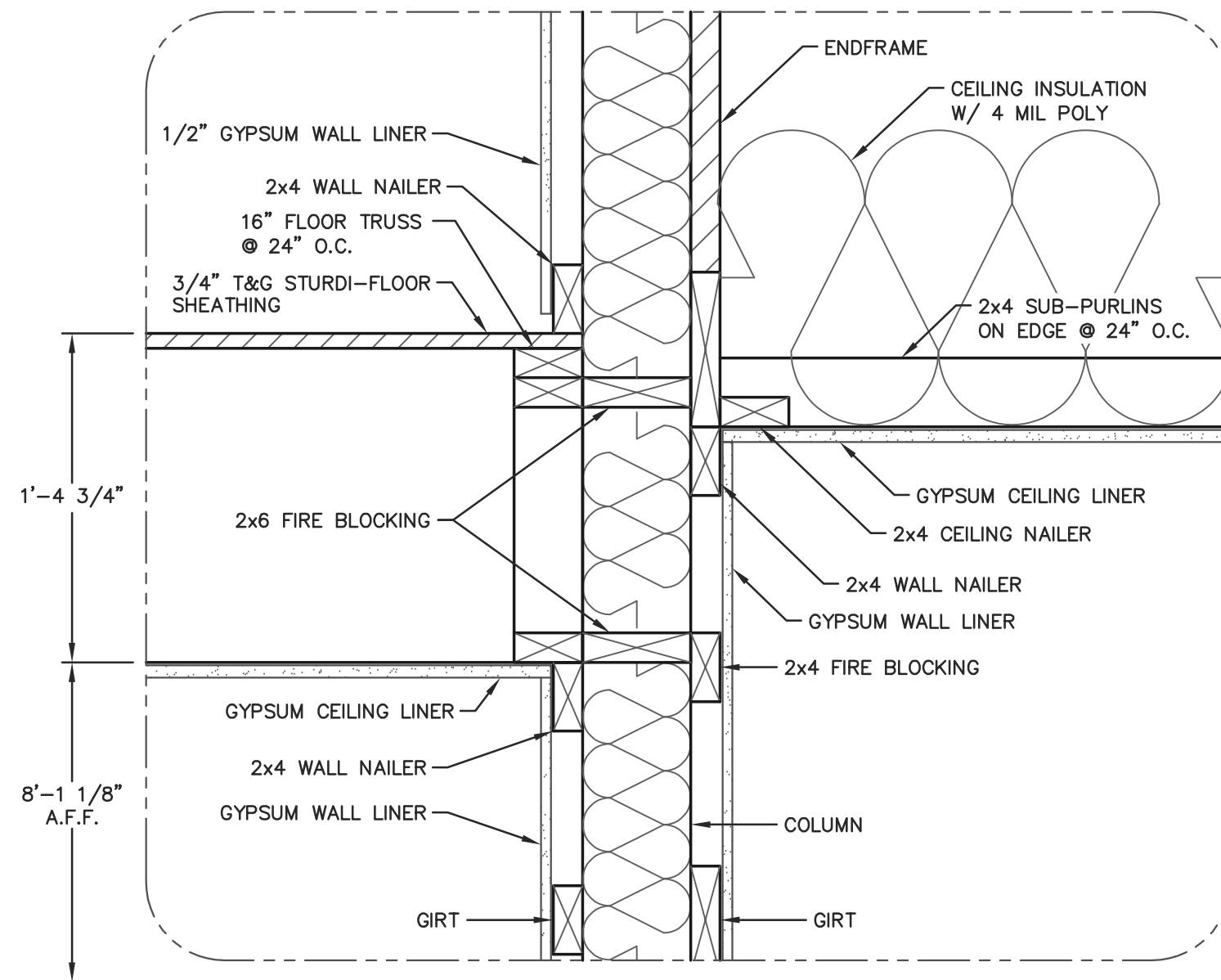
SHEET TITLE:  
50'x60' BUILDING ENDWALL  
SECTION AND SECTION  
DETAILS

FILE NAME: B07425W

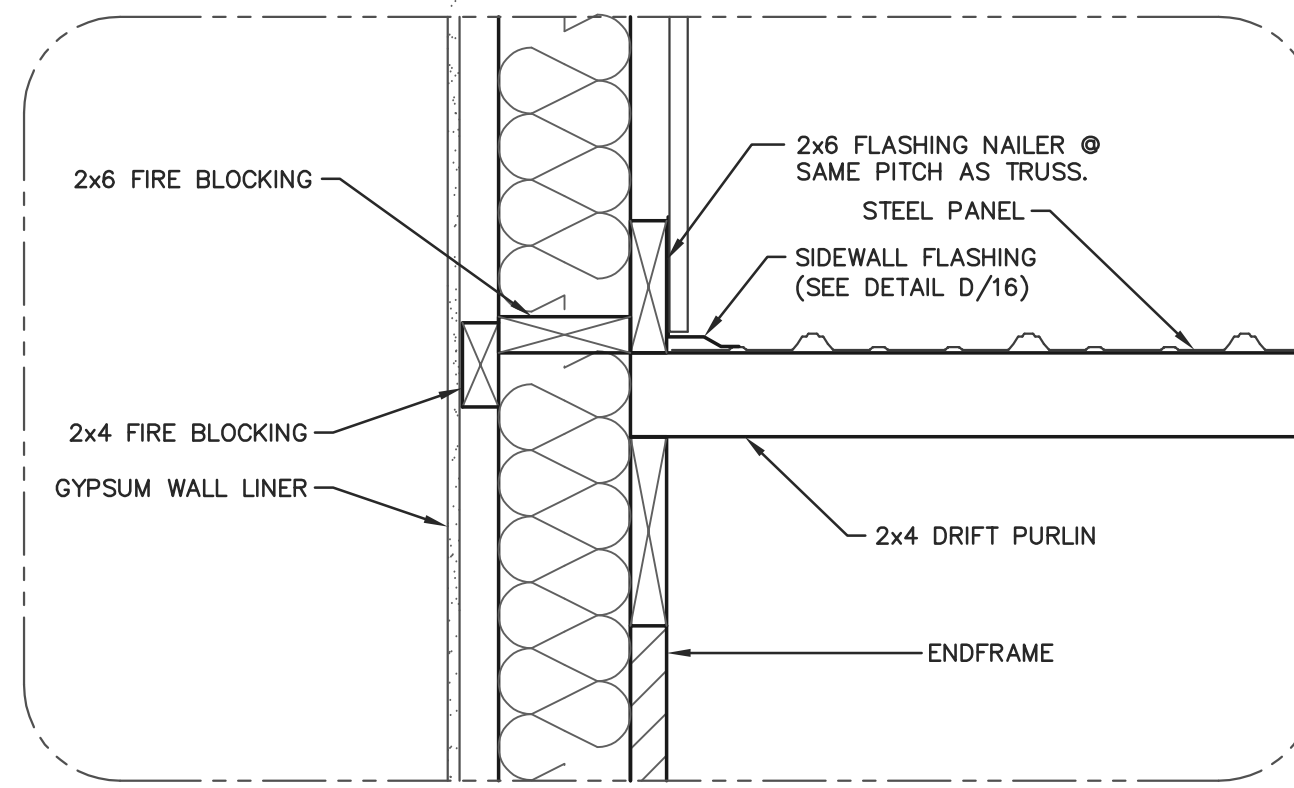
SHEET NO.

**S15**

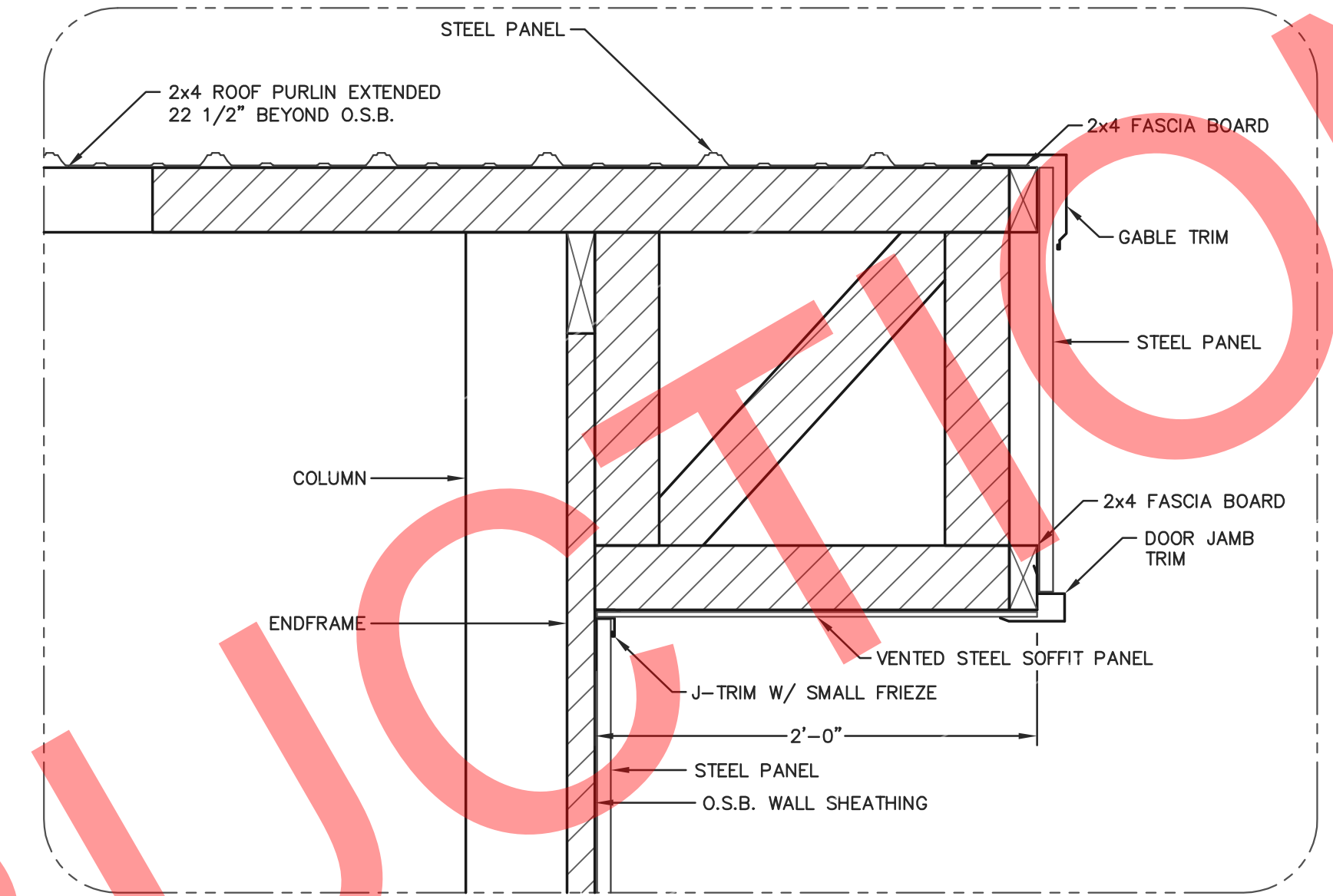




**B** CEILING CONNECTION DETAIL  
SCALE: 1 1/2"=1'-0"



**E** SIDEWALL FLASHING DETAIL  
SCALE: 1 1/2"=1'-0"



**E** 24" MANSARD BOXED GABLE DETAIL  
SCALE: 1 1/2"=1'-0"

**ENDWALL SECTION FASTENER NOTES**

**MANSARD JACKS:**  
MANSARD JACKS SECURED TO TRUSS WITH (2)-60d RINGSHANK NAILS, 16" MIN. APART.

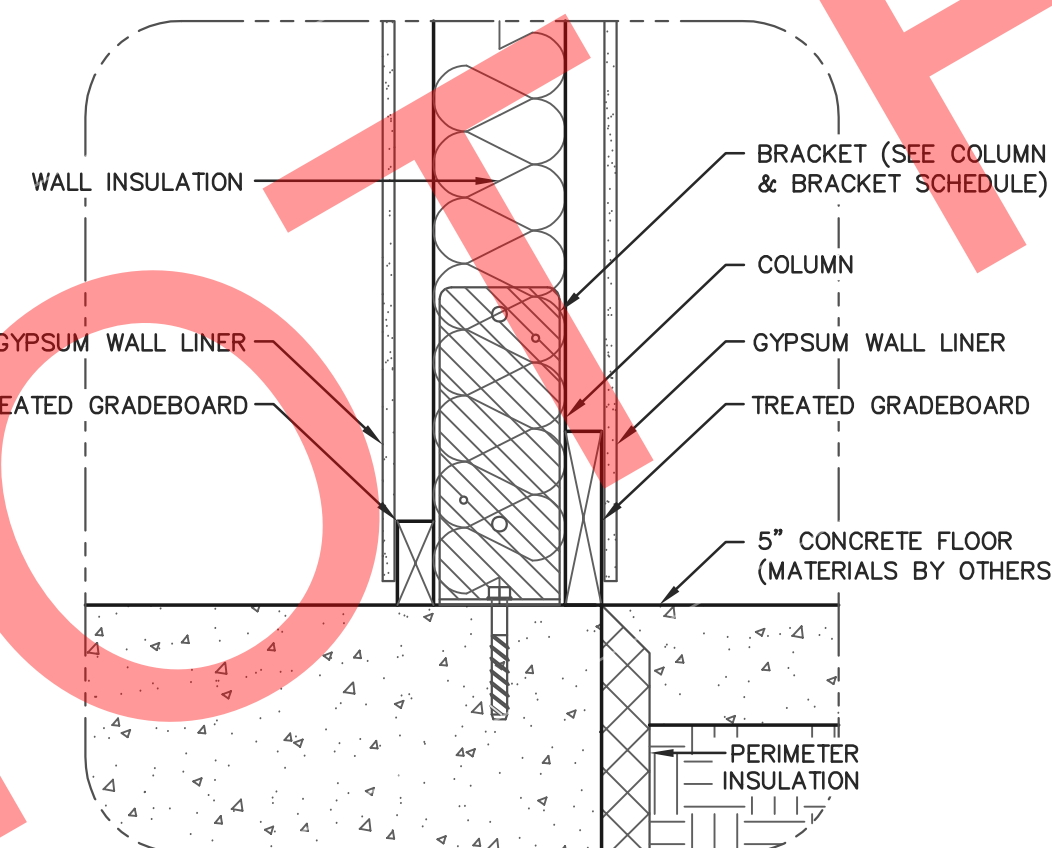
**WALL GIRTS:**  
WALL GIRTS SECURED WITH (2)-30d RINGSHANK NAILS AT EACH GIRT TO COLUMN LOCATION.

**INTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (2)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.

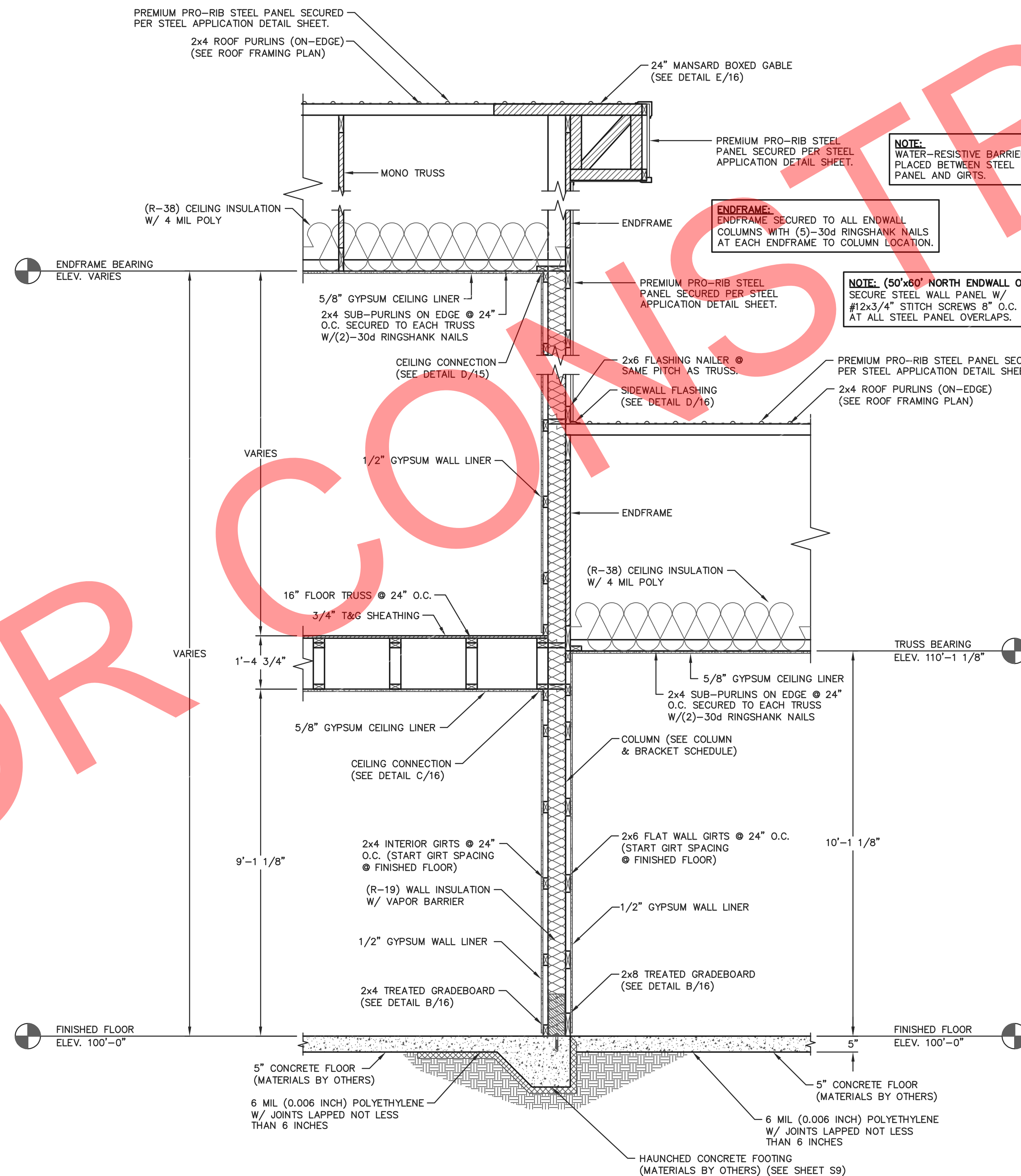
**EXTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (4)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.

**NOTE:**  
OWNER SHALL PROVIDE THICKNESS MARKERS WHICH ARE INSTALLED AT LEAST ONE FOR EVERY 300 SQUARE FEET THROUGHOUT THE ATTIC SPACE IF THE INSULATION IS BLOWN INTO PLACE. THE MARKERS SHALL BE AFFIXED TO THE TRUSSES AND MARKED WITH THE MINIMUM INITIAL INSTALLED THICKNESS AND MINIMUM SETTLED THICKNESS. EACH MARKER SHALL FACE THE ATTIC ACCESS PANEL.

**NOTE:**  
CONCEALED WALL SPACES SHALL HAVE FIRE BLOCKING AT CEILING AND FLOOR LEVELS AND HORIZONTAL INTERVALS NOT EXCEEDING 10' PER IBC 718.2. FIRE BLOCKING MAY CONSIST OF TWO INCH NOMINAL MATERIAL OR INSULATION MEETING IBC REQUIREMENTS.



**B** GRADE DETAIL  
SCALE: 1 1/2"=1'-0"



**A** COMMON ENDWALL SECTION  
SCALE: 1/2"=1'-0"



**ENGINEERING SERVICES**  
5311 KANE RD. KAU LAURE, WI 54703 (715) 876-6555

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX  
PLAN DESIGNER: CHOUA KHA  
DRAWN BY: KWK  
DATE: 4/25/2025  
SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

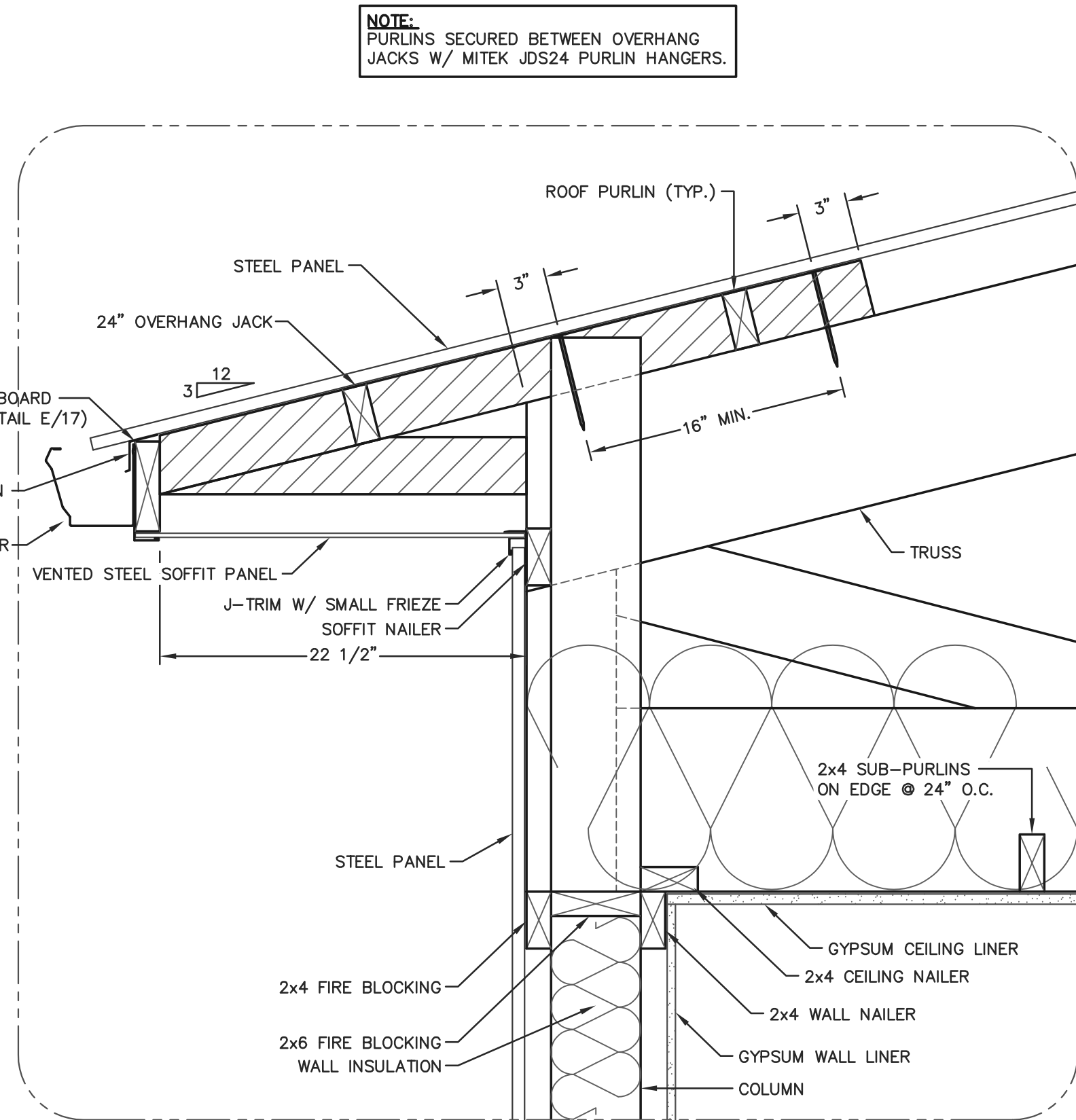
SHEET TITLE:  
COMMON ENDWALL SECTION AND SECTION DETAILS

FILE NAME: B07425W

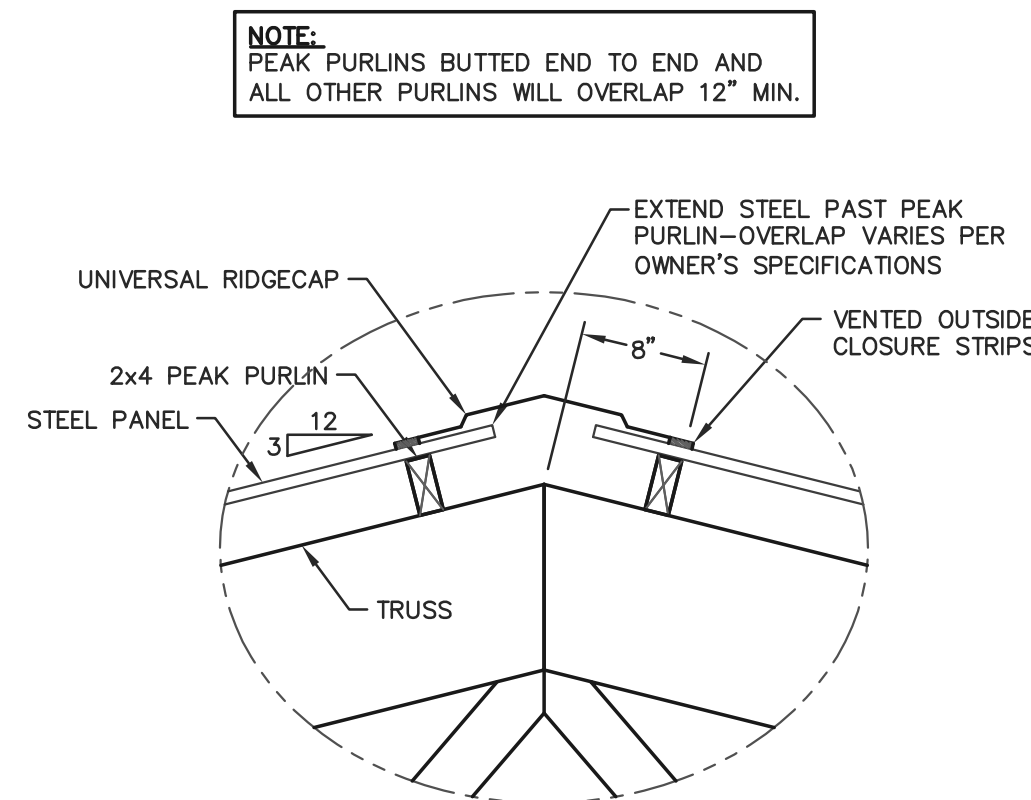
SHEET NO.

**S16**

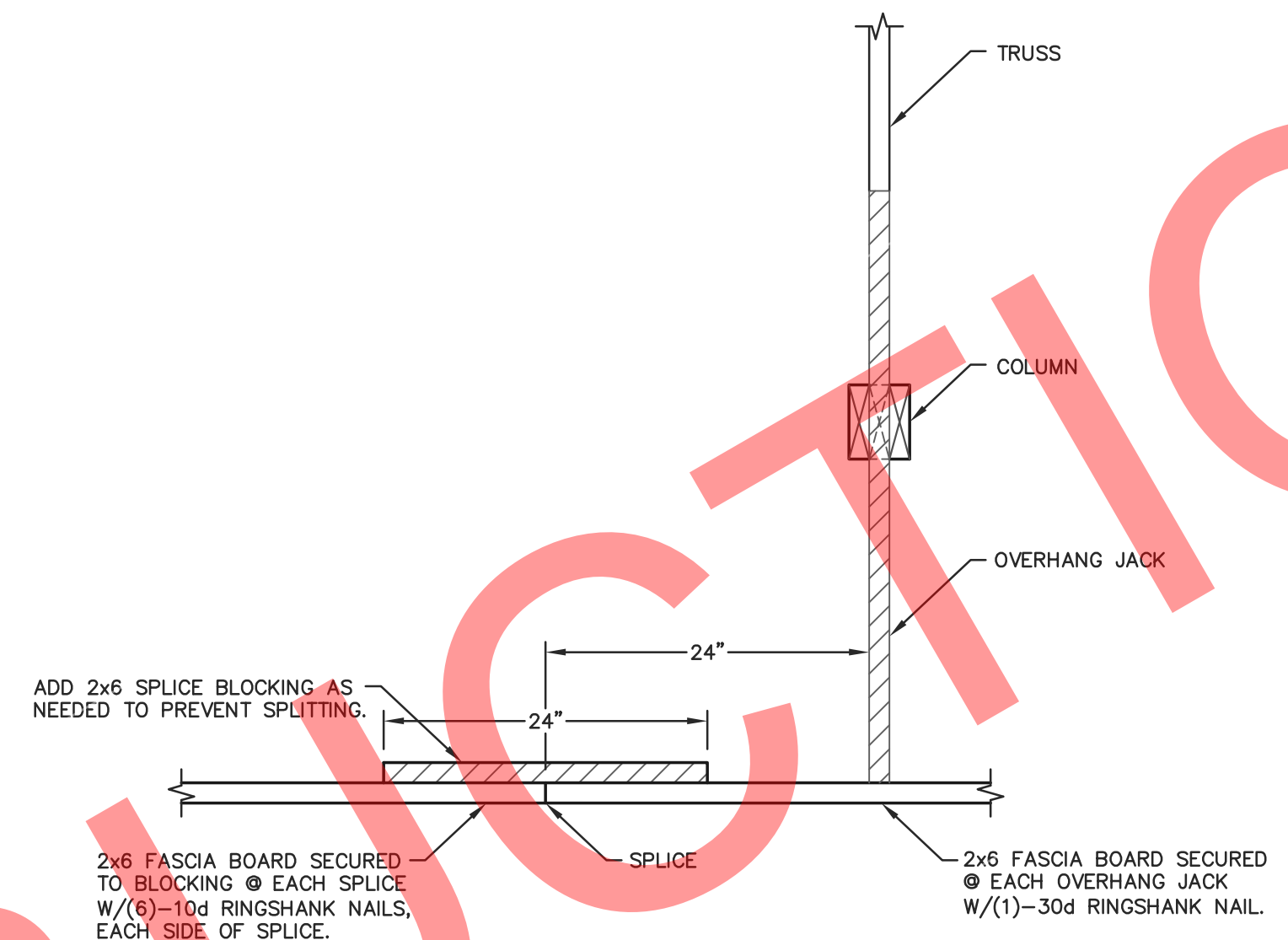




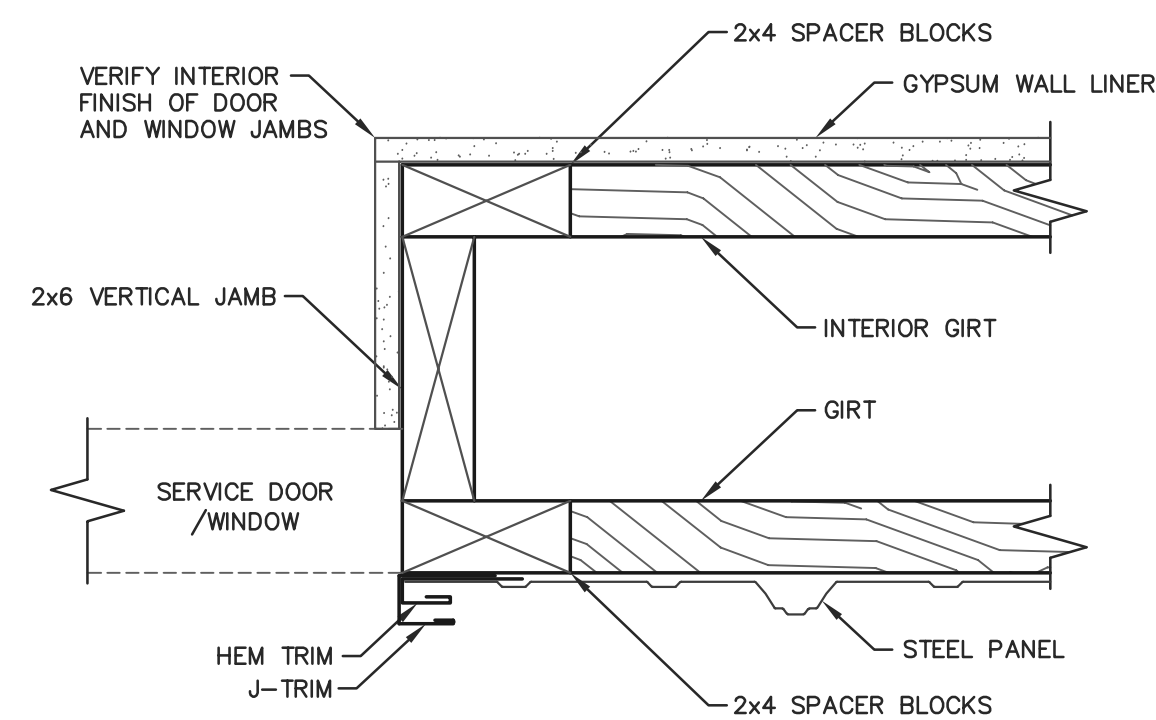
**C 24" BOXED EAVE DETAIL**  
SCALE: 1 1/2"=1'-0"



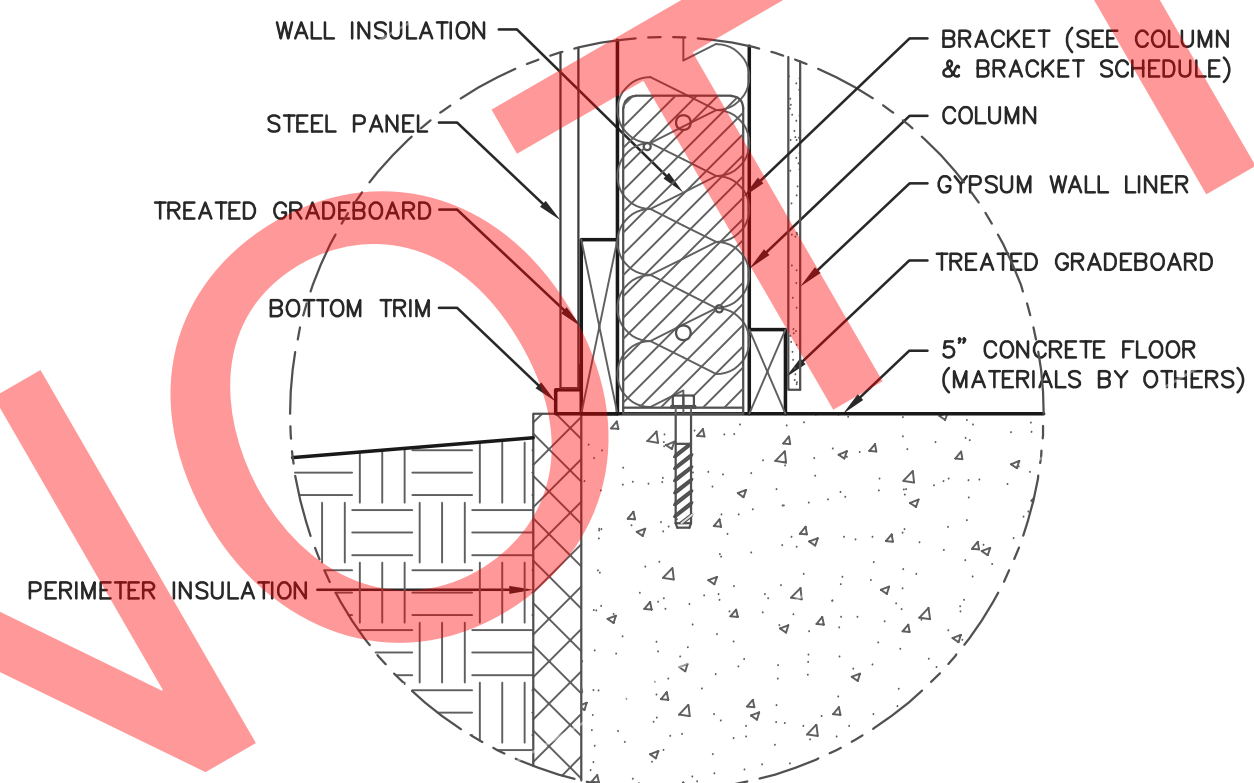
**D PEAK PURLIN DETAIL**  
SCALE: 1"=1'-0"



**E FASCIA BOARD DETAIL**  
SCALE: 1"=1'-0"



**SERVICE DOOR/WINDOW JAMB DETAIL**  
SCALE: 3"=1'-0"



**B GRADE DETAIL**  
SCALE: 1 1/2"=1'-0"

**SIDEWALL SECTION FASTENER NOTES**

**OVERHANG JACK:**  
OVERHANG JACKS SECURED TO TRUSS WITH (2)-60d RINGSHANK NAILS, 16" MIN. APART.

**SOFFIT NAILER:**  
SOFFIT NAILER SECURED WITH (2)-30d RINGSHANK NAILS AT EACH SOFFIT NAILER TO COLUMN LOCATION.

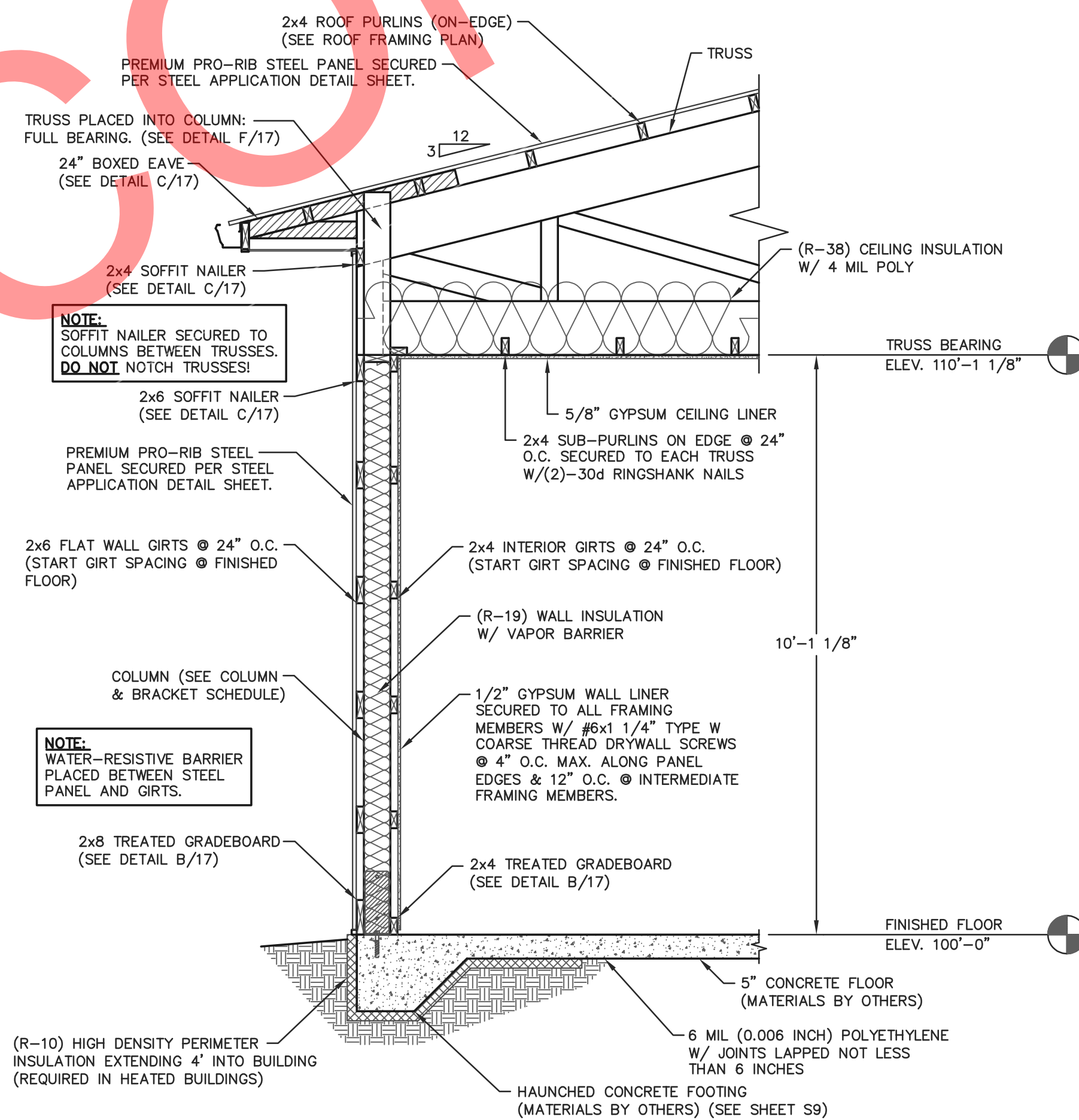
**WALL GIRTS:**  
WALL GIRTS SECURED WITH (2)-30d RINGSHANK NAILS AT EACH GIRTS TO COLUMN LOCATION.

**INTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (2)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.

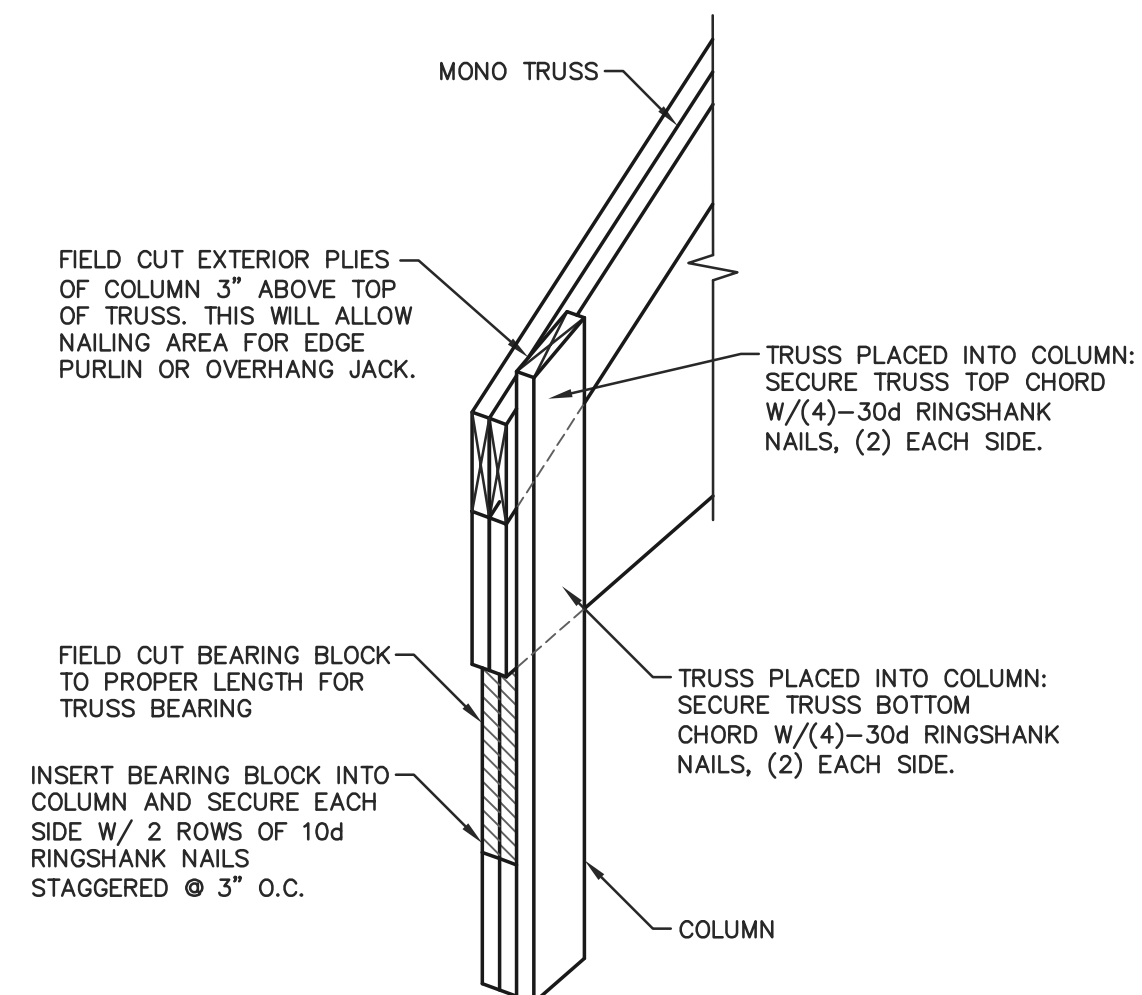
**EXTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (4)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.

**NOTE:**  
OWNER SHALL PROVIDE THICKNESS MARKERS WHICH ARE INSTALLED AT LEAST ONE FOR EVERY 300 SQUARE FEET THROUGHOUT THE ATTIC SPACE IF THE INSULATION IS BLOWN INTO PLACE. THE MARKERS SHALL BE AFFIXED TO THE TRUSSES AND MARKED WITH THE MINIMUM INITIAL INSTALLED THICKNESS AND MINIMUM SETTLED THICKNESS. EACH MARKER SHALL FACE THE ATTIC ACCESS PANEL.

**NOTE:**  
CONCEALED WALL SPACES SHALL HAVE FIRE BLOCKING AT CEILING AND FLOOR LEVELS AND HORIZONTAL INTERVALS NOT EXCEEDING 10' PER IBC 718.2. FIRE BLOCKING MAY CONSIST OF TWO INCH NOMINAL MATERIAL OR INSULATION MEETING IBC REQUIREMENTS.



**A 50'x110' BUILDING SIDEWALL SECTION**  
SCALE: 1/2"=1'-0"



**F TRUSS INSTALLATION DETAIL**  
NOT TO SCALE

**ENGINEERING SERVICES**  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6565

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

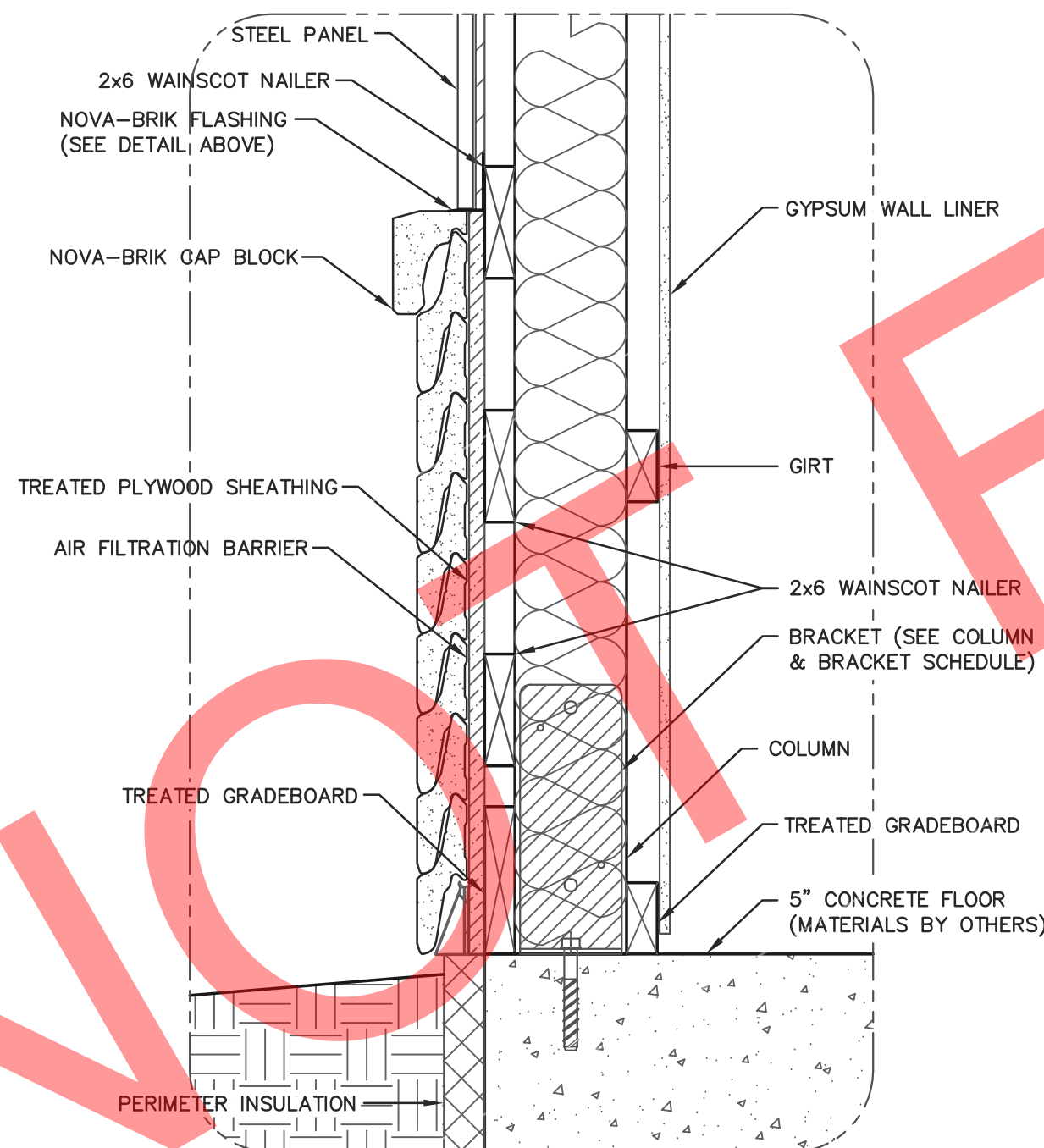
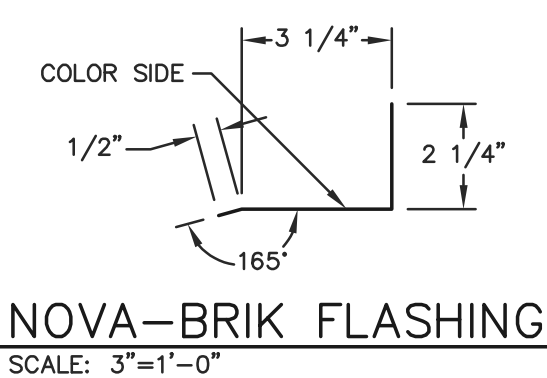
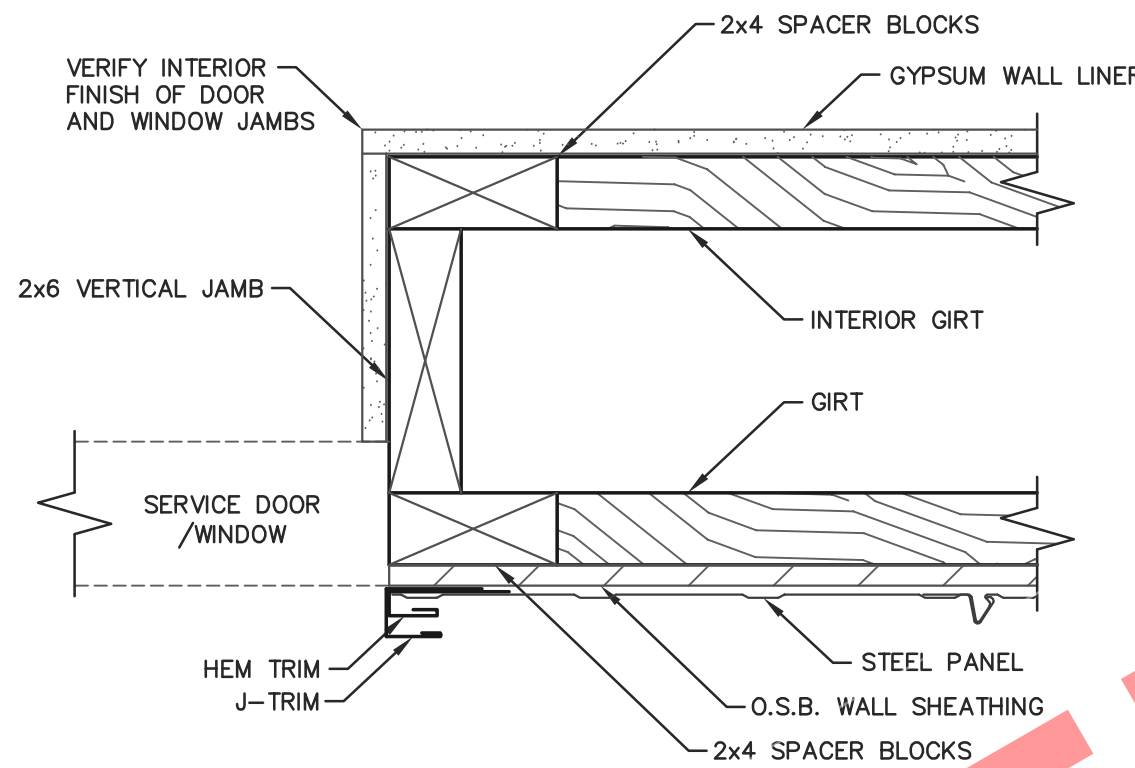
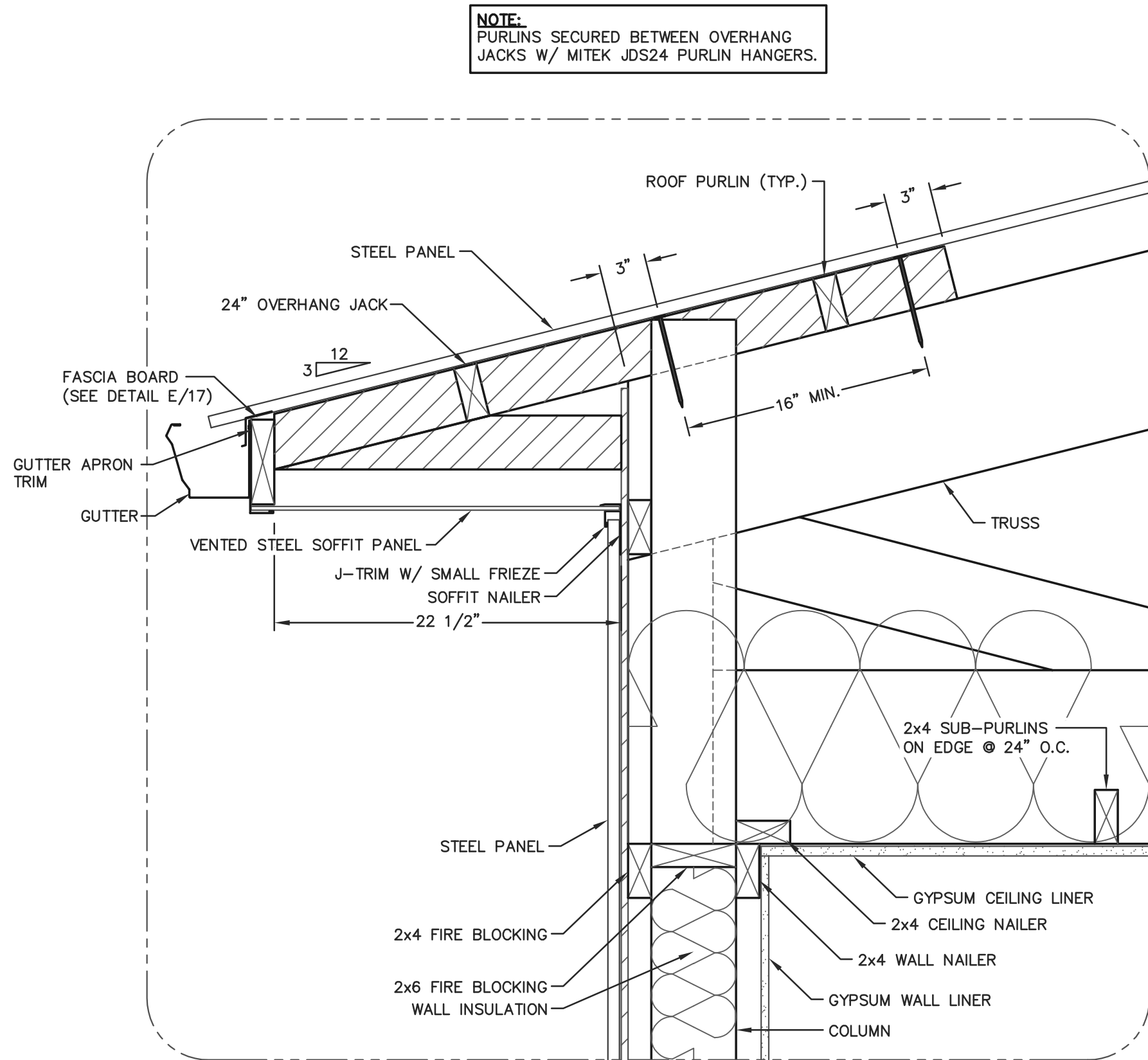
SHEET TITLE:  
50'x110' BUILDING SIDEWALL SECTION AND SECTION DETAILS

FILE NAME: B07425W

SHEET NO.

**S17**





**SIDEWALL SECTION FASTENER NOTES**

**OVERHANG JACK:**  
OVERHANG JACKS SECURED TO TRUSS WITH (2)-60d RINGSHANK NAILS, 16" MIN. APART.

**SOFFIT NAILER:**  
SOFFIT NAILER SECURED WITH (2)-30d RINGSHANK NAILS AT EACH SOFFIT NAILER TO COLUMN LOCATION.

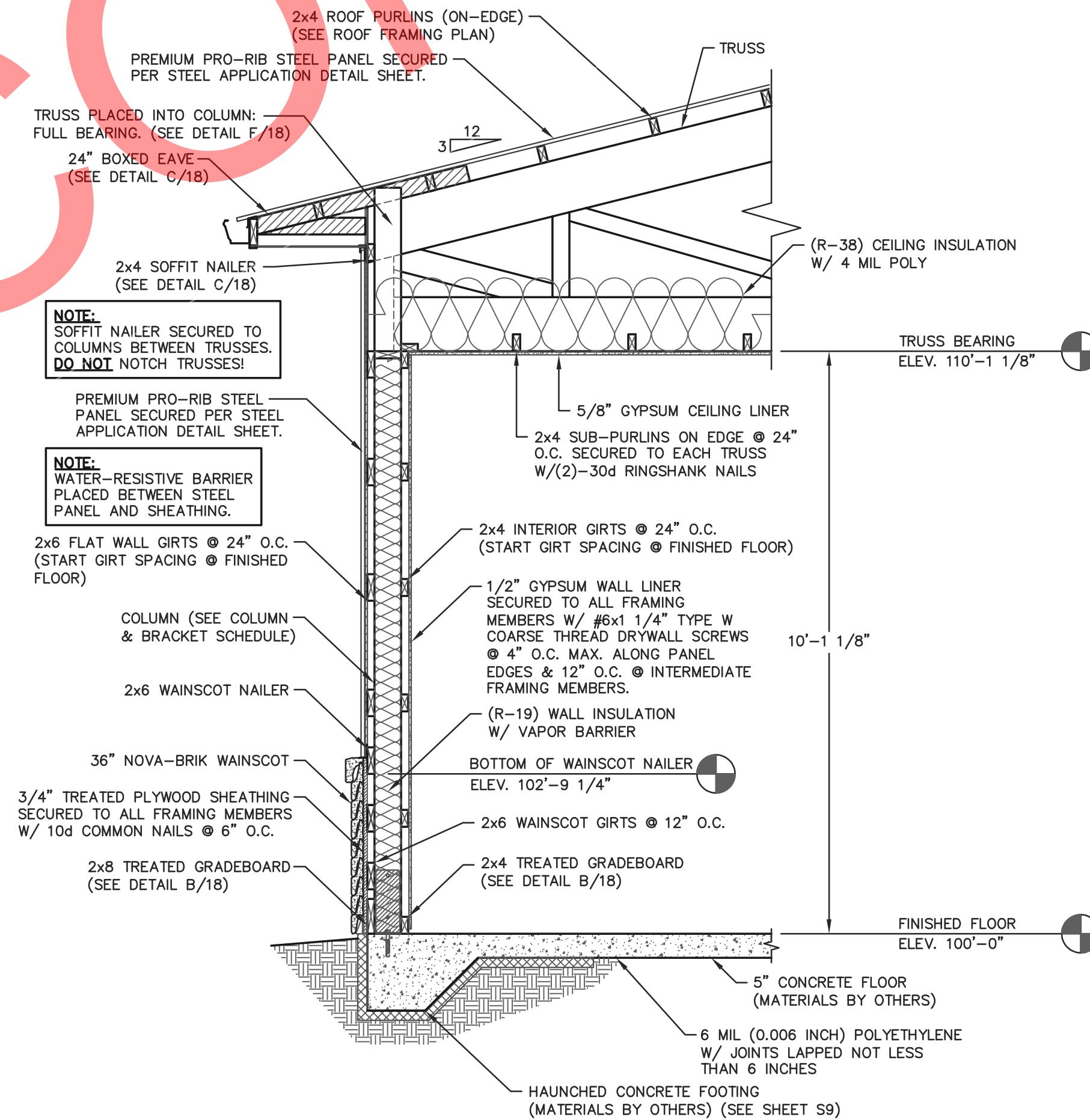
**WALL GIRTS:**  
WALL GIRTS SECURED WITH (2)-30d RINGSHANK NAILS AT EACH GIRTS TO COLUMN LOCATIONS.

**INTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (2)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.

**EXTERIOR TREATED GRADEBOARD:**  
TREATED GRADEBOARD SECURED WITH (4)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.

**NOTE:**  
OWNER SHALL PROVIDE THICKNESS MARKERS WHICH ARE INSTALLED AT LEAST ONE FOR EVERY 300 SQUARE FEET THROUGHOUT THE ATTIC SPACE IF THE INSULATION IS BLOWN INTO PLACE. THE MARKERS SHALL BE AFFIXED TO THE TRUSSES AND MARKED WITH THE MINIMUM INITIAL INSTALLED THICKNESS AND MINIMUM SETTLED THICKNESS. EACH MARKER SHALL FACE THE ATTIC ACCESS PANEL.

**NOTE:**  
CONCEALED WALL SPACES SHALL HAVE FIRE BLOCKING AT CEILING AND FLOOR LEVELS AND HORIZONTAL INTERVALS NOT EXCEEDING 10' PER IBC 718.2. FIRE BLOCKING MAY CONSIST OF TWO INCH NOMINAL MATERIAL OR INSULATION MEETING IBC REQUIREMENTS.



FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

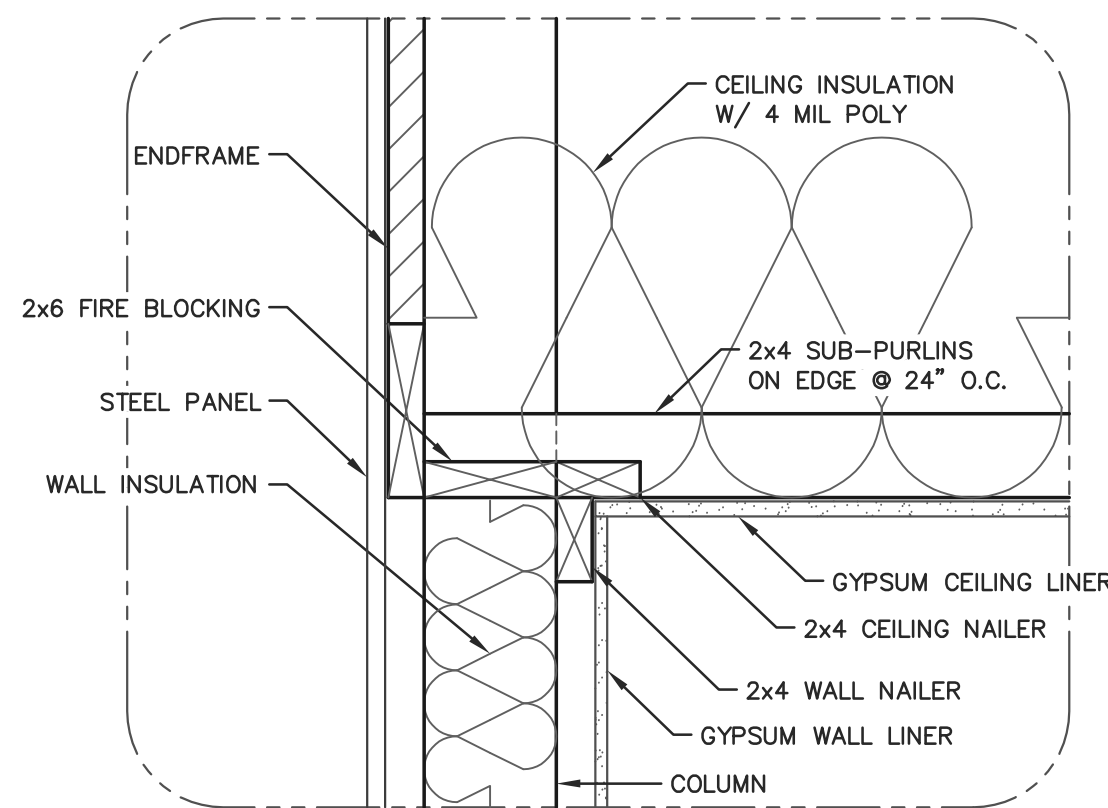
SHEET TITLE:  
50'x110' BUILDING SIDEWALL SECTION AND SECTION DETAILS

FILE NAME: B07425W

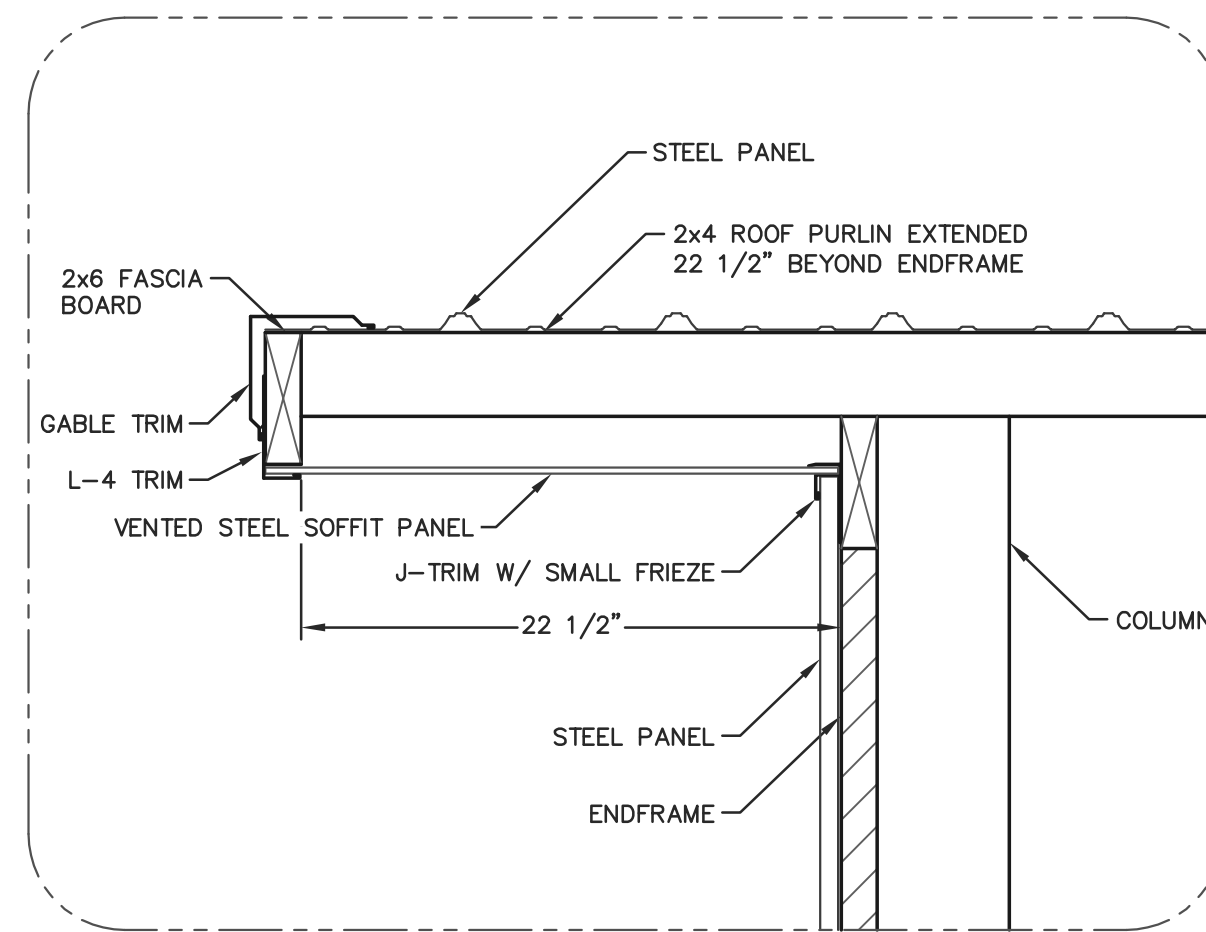
SHEET NO.

**S18**





**(B/19) CEILING CONNECTION DETAIL**  
SCALE: 1 1/2\"=1'-0"

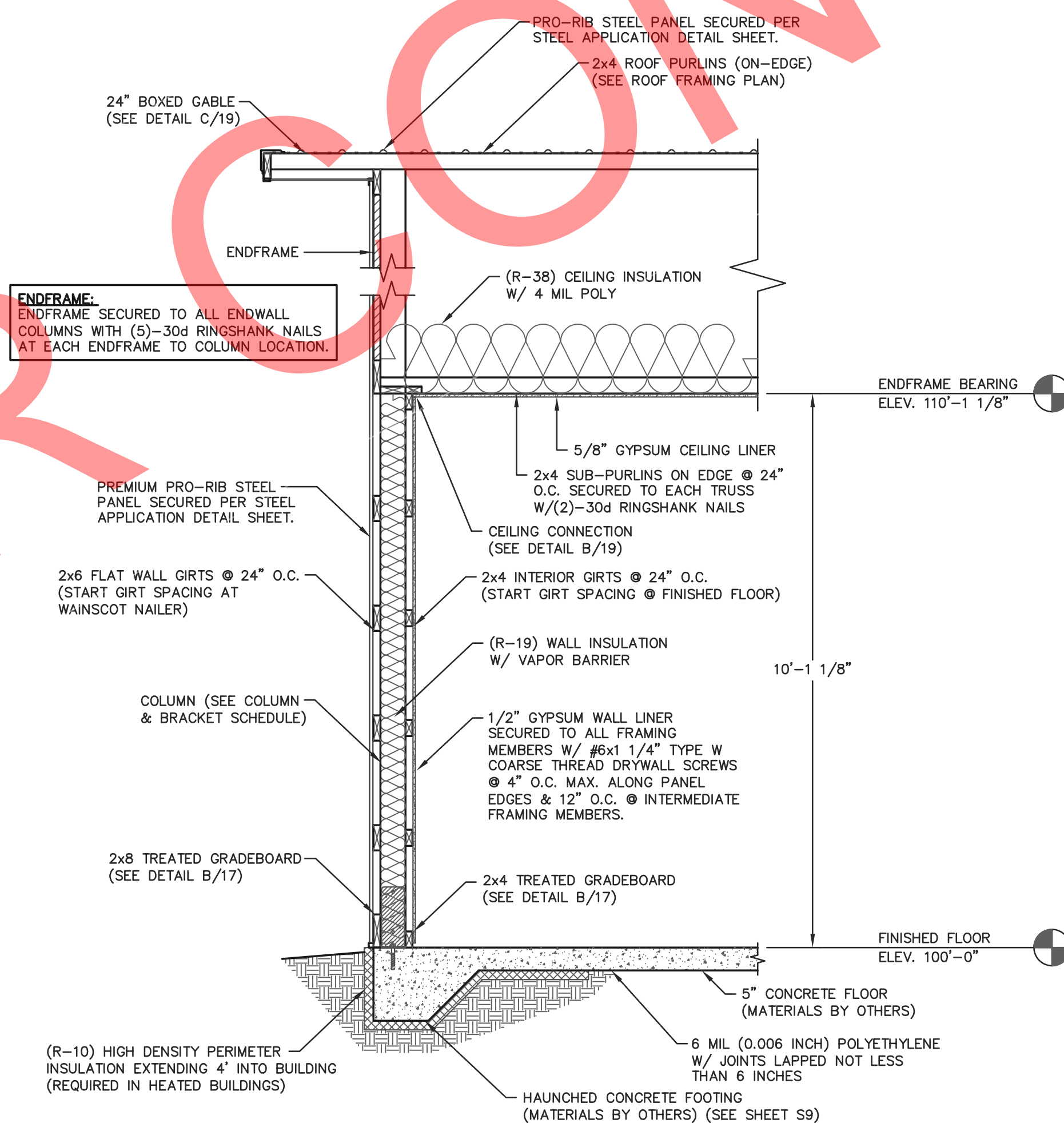


**(C/19) 24\"/>**

ENDWALL SECTION FASTENER NOTES	
<b>MANSARD JACK:</b>	MANSARD JACKS SECURED TO TRUSS WITH (2)-60d RINGSHANK NAILS, 16\" MIN. APART.
<b>SOFFIT NAILER:</b>	SOFFIT NAILER SECURED WITH (2)-30d RINGSHANK NAILS AT EACH SOFFIT NAILER TO COLUMN LOCATION.
<b>WALL GIRTS:</b>	WALL GIRTS SECURED WITH (2)-30d RINGSHANK NAILS AT EACH GIRT TO COLUMN LOCATION.
<b>INTERIOR TREATED GRADEBOARD:</b>	TREATED GRADEBOARD SECURED WITH (2)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.
<b>EXTERIOR TREATED GRADEBOARD:</b>	TREATED GRADEBOARD SECURED WITH (4)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.

**NOTE:**  
OWNER SHALL PROVIDE THICKNESS MARKERS WHICH ARE INSTALLED AT LEAST ONE FOR EVERY 300 SQUARE FEET THROUGHOUT THE ATTIC SPACE IF THE INSULATION IS BLOWN INTO PLACE. THE MARKERS SHALL BE AFFIXED TO THE TRUSSES AND MARKED WITH THE MINIMUM INITIAL INSTALLED THICKNESS AND MINIMUM SETTLED THICKNESS. EACH MARKER SHALL FACE THE ATTIC ACCESS PANEL.

**NOTE:**  
CONCEALED WALL SPACES SHALL HAVE FIRE BLOCKING AT CEILING AND FLOOR LEVELS AND HORIZONTAL INTERVALS NOT EXCEEDING 10' PER IBC 718.2. FIRE BLOCKING MAY CONSIST OF TWO INCH NOMINAL MATERIAL OR INSULATION MEETING IBC REQUIREMENTS.



**(A/19) 50'x110' BUILDING ENDWALL SECTION**  
SCALE: 1/2\"=1'-0"



**ENGINEERING SERVICES**  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6565

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

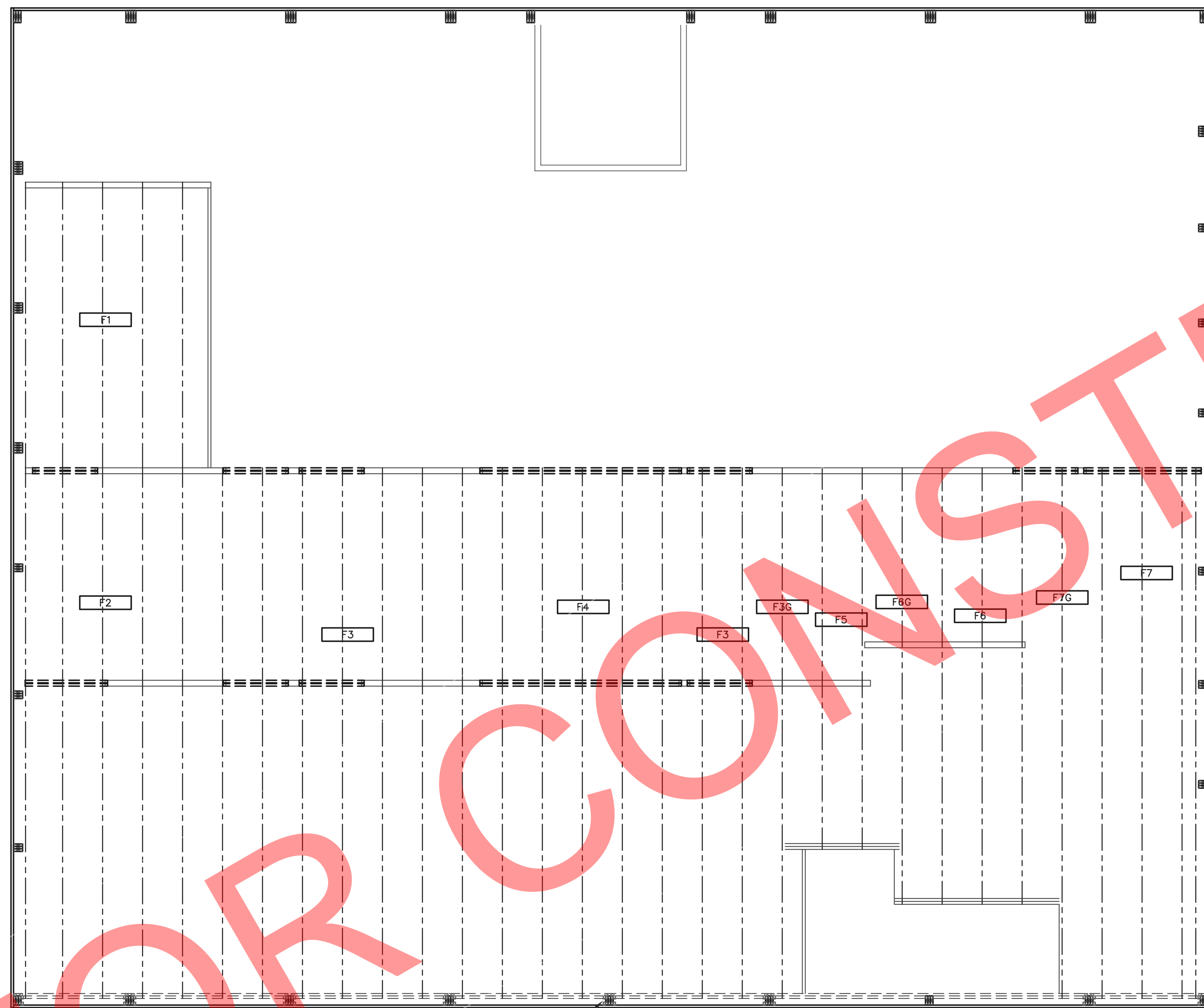
NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:  
50'x110' BUILDING ENDWALL SECTION AND SECTION DETAILS

FILE NAME: B07425WI

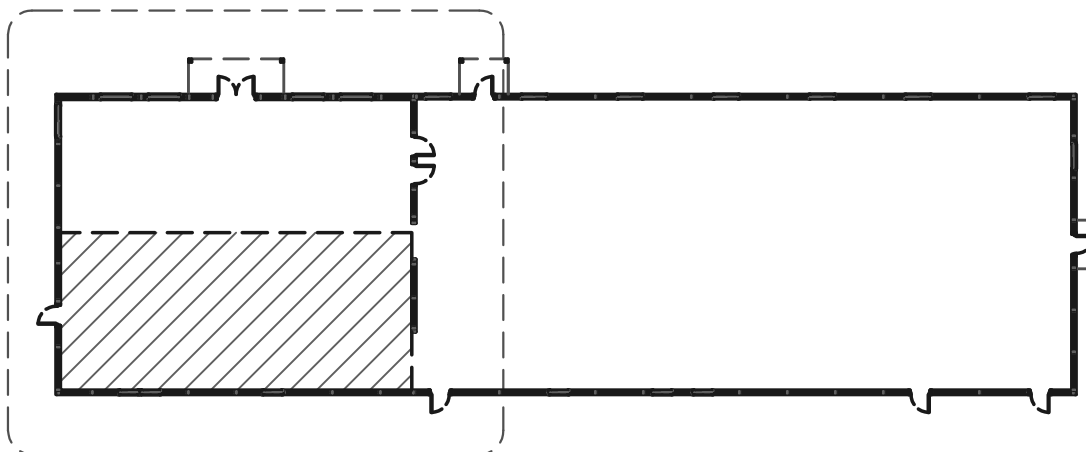
SHEET NO.

**S19**

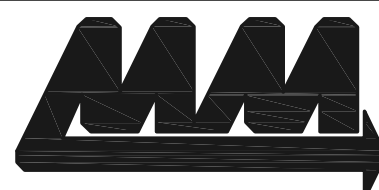


2x6 BEARING BLOCKS

SECOND FLOOR FRAMING PLAN  
SCALE: 1/4"=1'-0"



BUILDING KEY PLAN  
NOT TO SCALE



ENGINEERING SERVICES

5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING  
DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:

SECOND FLOOR FRAMING  
PLAN AND DETAILS

FILE NAME: B07425W

SHEET NO.

S20



**NOTE:**  
A FLIGHT OF STAIRS WITH MORE THAN 3 RISERS SHALL BE PROVIDED WITH AT LEAST ONE HANDRAIL FOR THE FULL LENGTH OF THE FLIGHT. (SPS 321.04(3)(a)1)

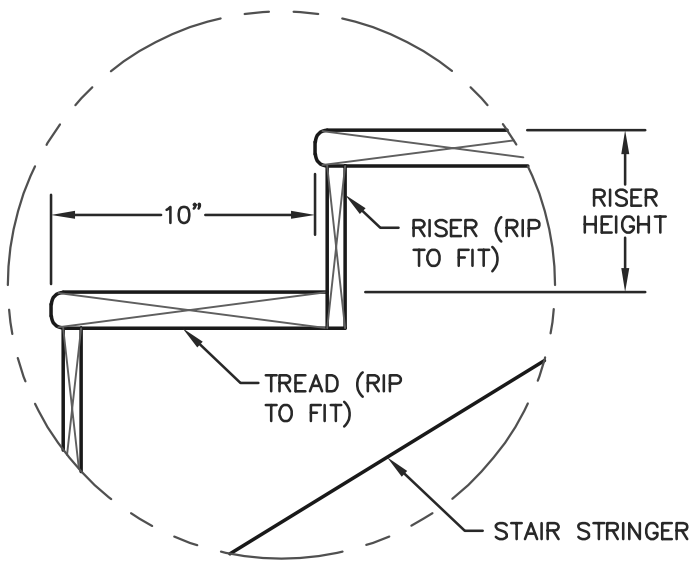
**NOTE:**  
HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSINGS, SHALL NOT BE LESS THAN 30" AND NOT GREATER THAN 38". (SPS 321.04(3)(b)1.a)

**NOTE:**  
GUARDS SHALL BE CONSTRUCTED TO PREVENT THE THROUGH-PASSAGE OF A SPHERE WITH A DIAMETER OF 4 3/8", WHEN APPLYING A FORCE OF 4 POUNDS. (SPS 321.04(3)(c)3)

**NOTE:**  
HANDRAIL SHALL RETURN TO A WALL, OR PROVIDED WITH A FLARED END, THE HORIZONTAL OFFSET BETWEEN THE 2 RAILS IS NO MORE THAN 12 INCHES MEASURED FROM THE CENTER OF THE RAILS. (SPS 321.04(3)(b)6.c.)

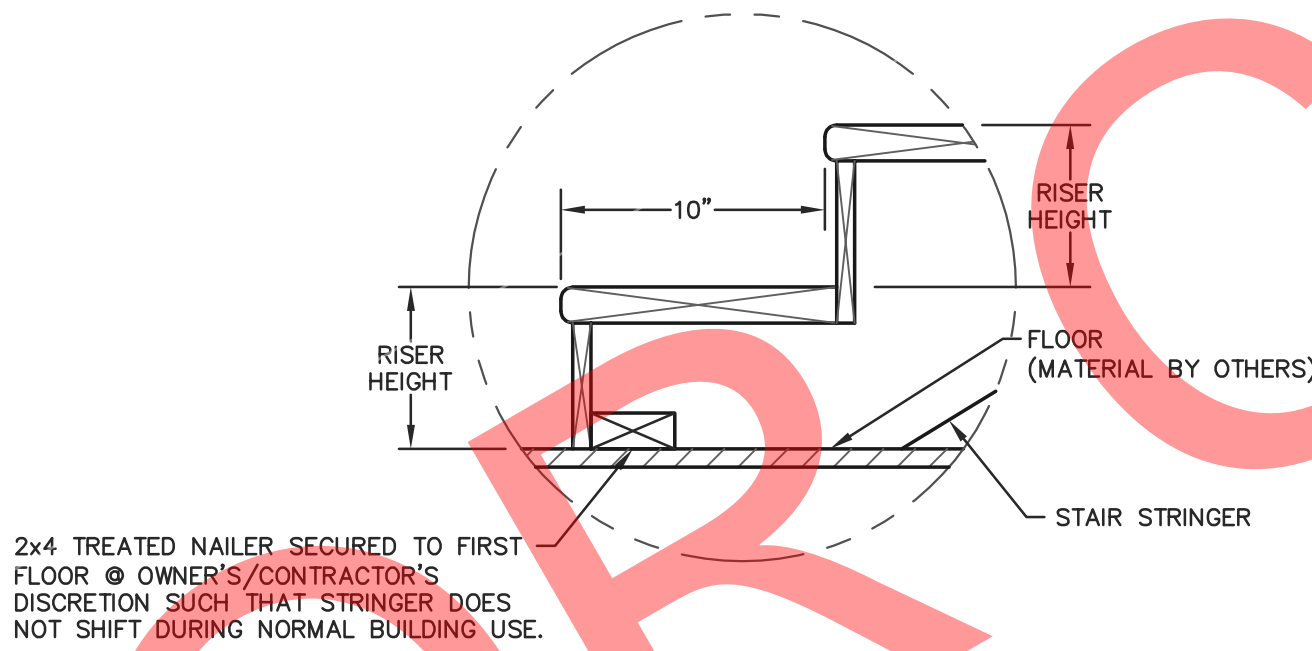
**NOTE:**  
HANDRAILS AND GUARDS ARE TO BE CONSTRUCTED TO RESIST A SINGLE CONCENTRATED LOAD OF 200 LBS APPLIED IN ANY DIRECTION. (SPS 321.04(3)(a)4.a)

**NOTE:**  
FOR ADDITIONAL HANDRAIL AND GUARD INFORMATION PLEASE SEE SPS 321.04.

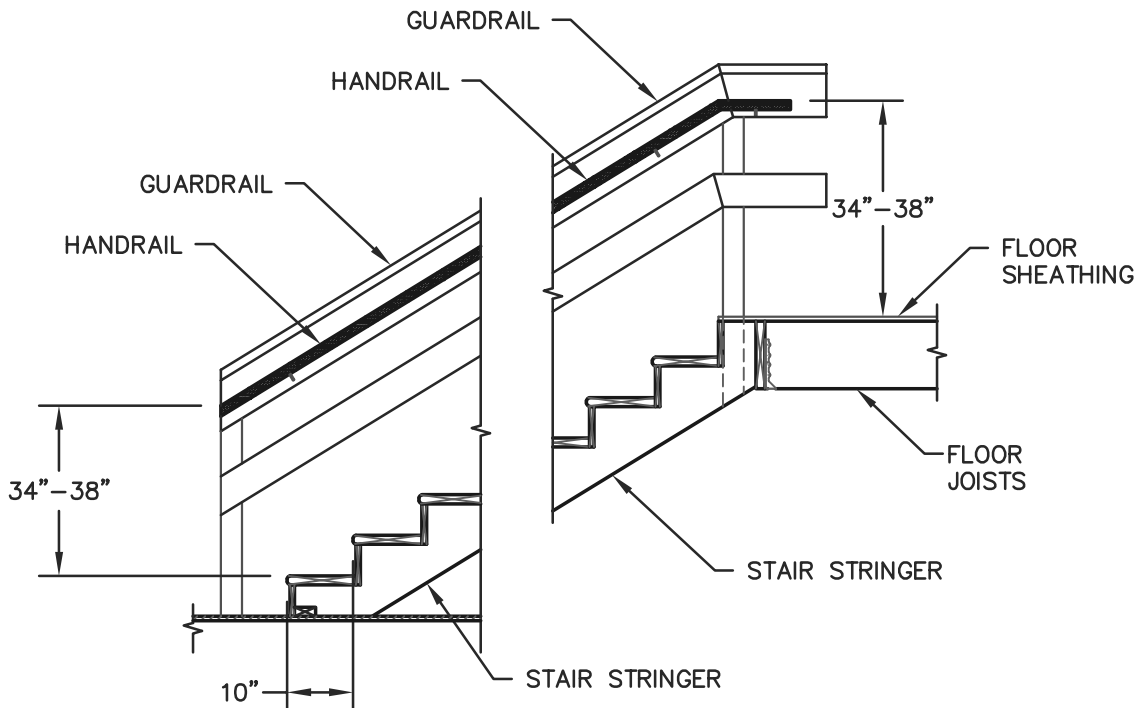


INTERMEDIATE TREAD WIDTH DETAIL  
SCALE: 1 1/2"=1'-0"

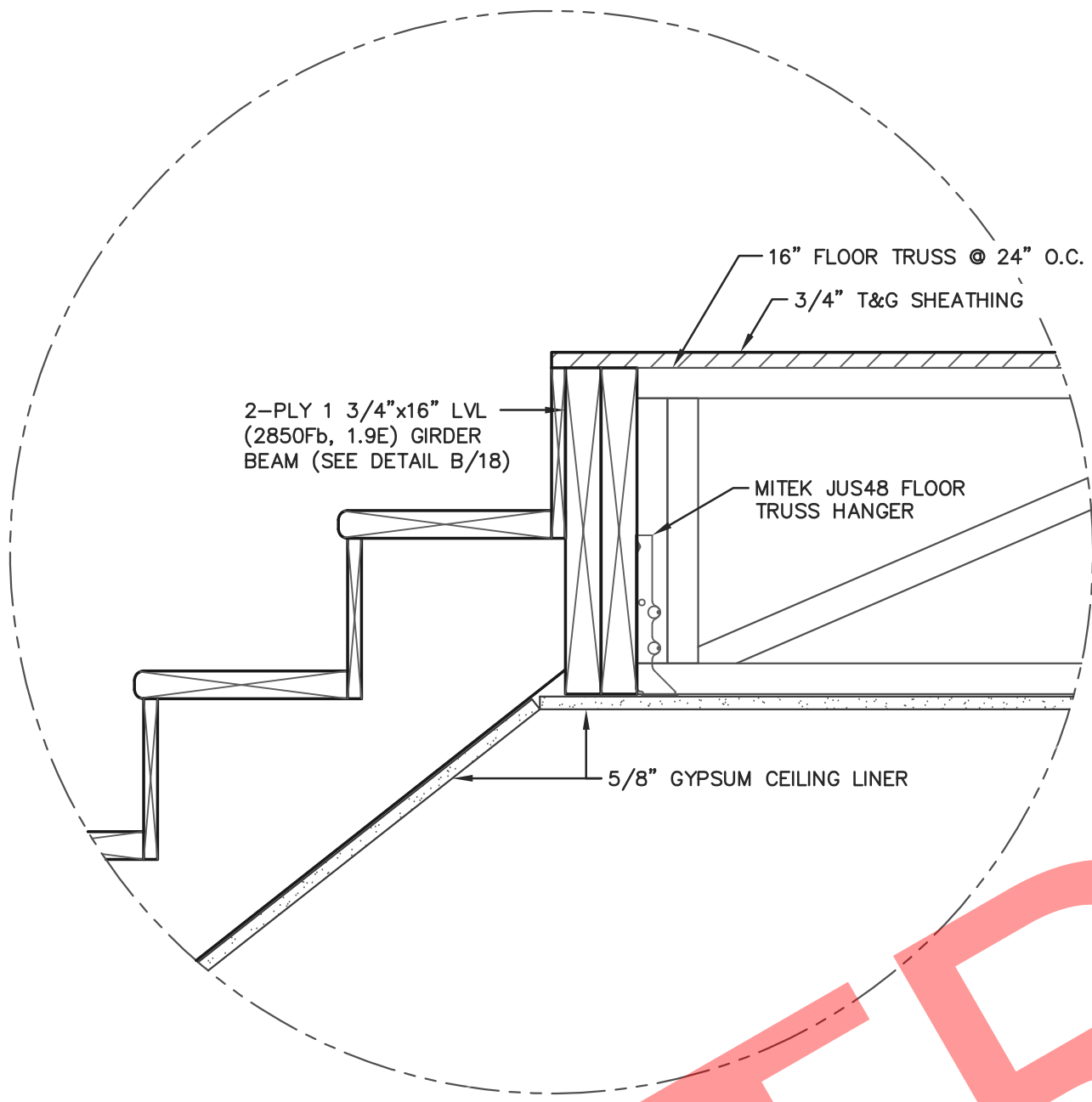
HOUSE STAIRS	
STRAIGHT STAIRS	
RISER HEIGHT	RISER QTY.
7 7/8"	15
7 3/4"	1



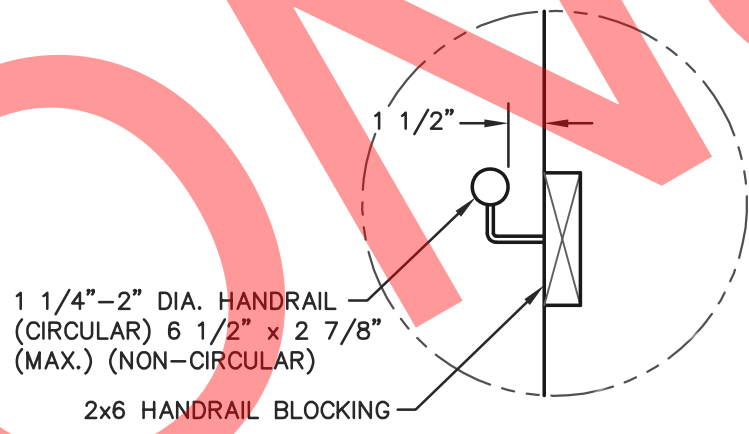
BOTTOM TREAD DETAIL  
SCALE: 1 1/2"=1'-0"



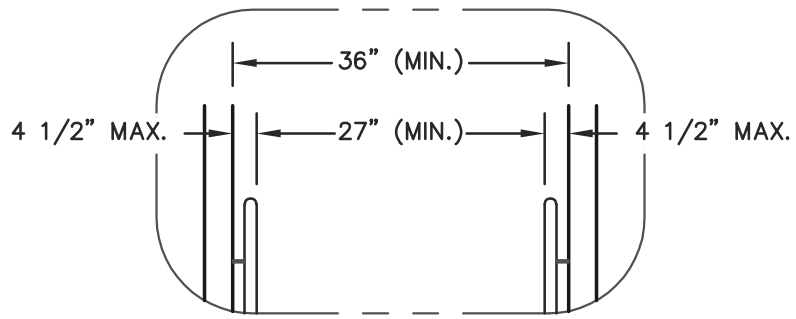
HANDRAIL DETAIL  
SCALE: NO SCALE



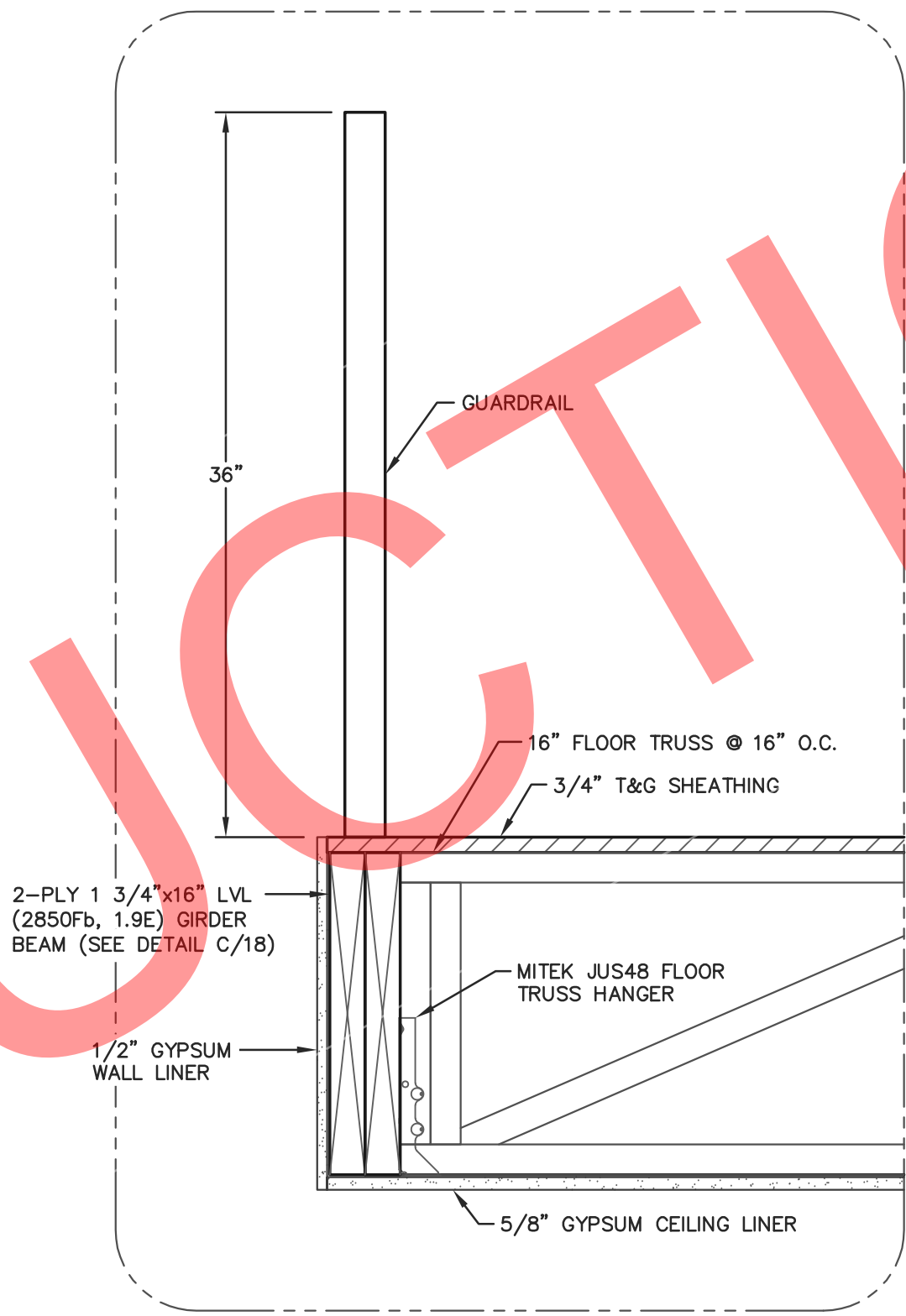
TOP OF STAIRS DETAIL  
SCALE: 1 1/2"=1'-0"



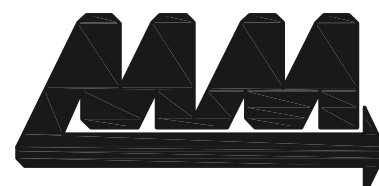
HANDRAIL DETAIL  
SCALE: 1 1/2"=1'-0"



STAIR CLEARANCE DETAIL  
SCALE: 1/2"=1'-0"



SECTION @ GUARDRAIL  
SCALE: 1 1/2"=1'-0"



ENGINEERING SERVICES  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

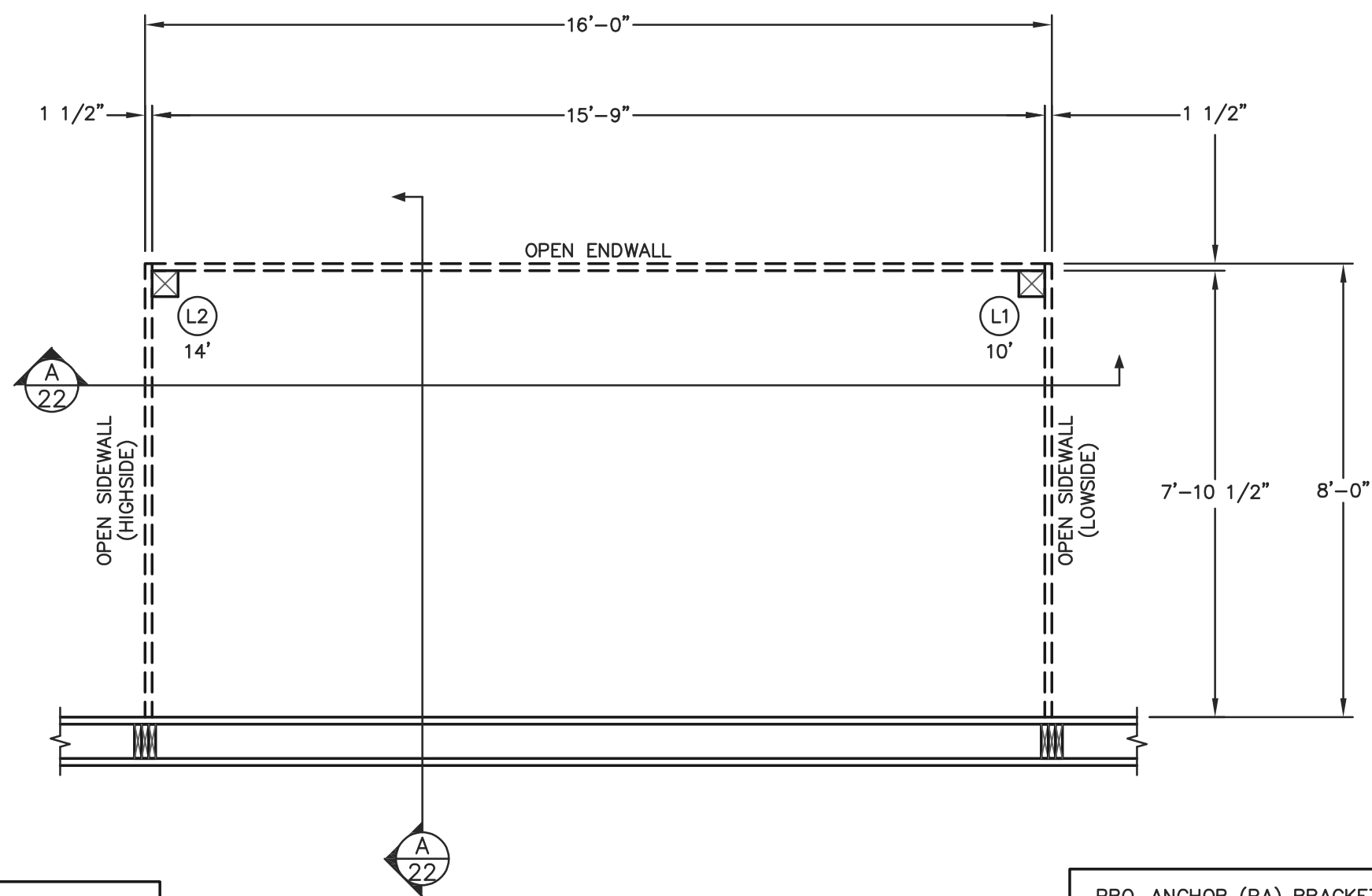
SHEET TITLE:

STAIR NOTES AND DETAILS

FILE NAME: B07425W

SHEET NO.

S21



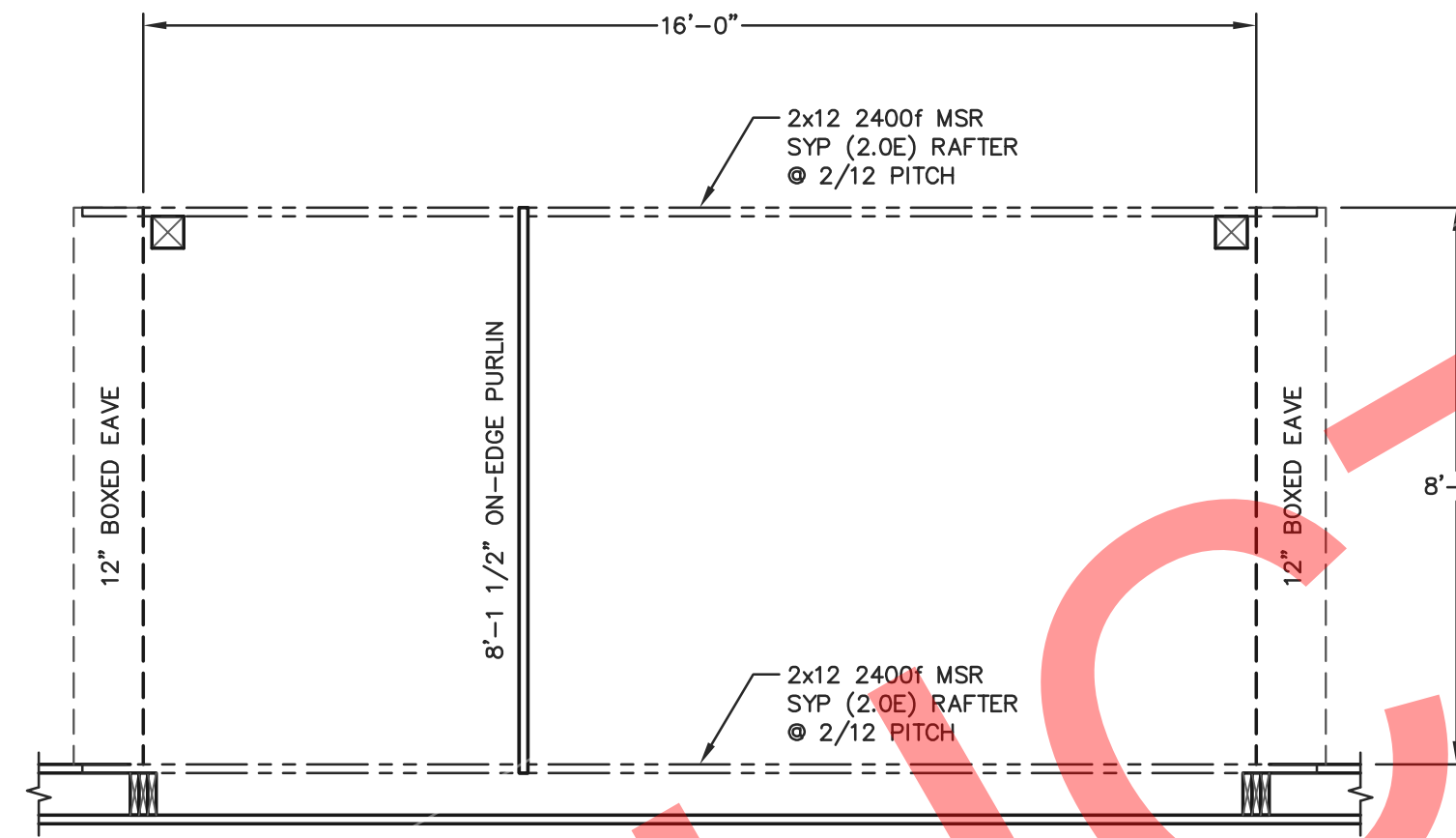
**NOTE:**  
ALL DIMENSIONS ARE TO CENTERLINE  
OF COLUMNS EXCEPT FOR CORNERS  
OR UNLESS NOTED OTHERWISE.

**LARGE CANOPY FLOOR PLAN**  
SCALE: 3/8"=1'-0"

PRO-ANCHOR (PA) BRACKET DESIGNATION	
PA60	= 6" UNIVERSAL BRACKET

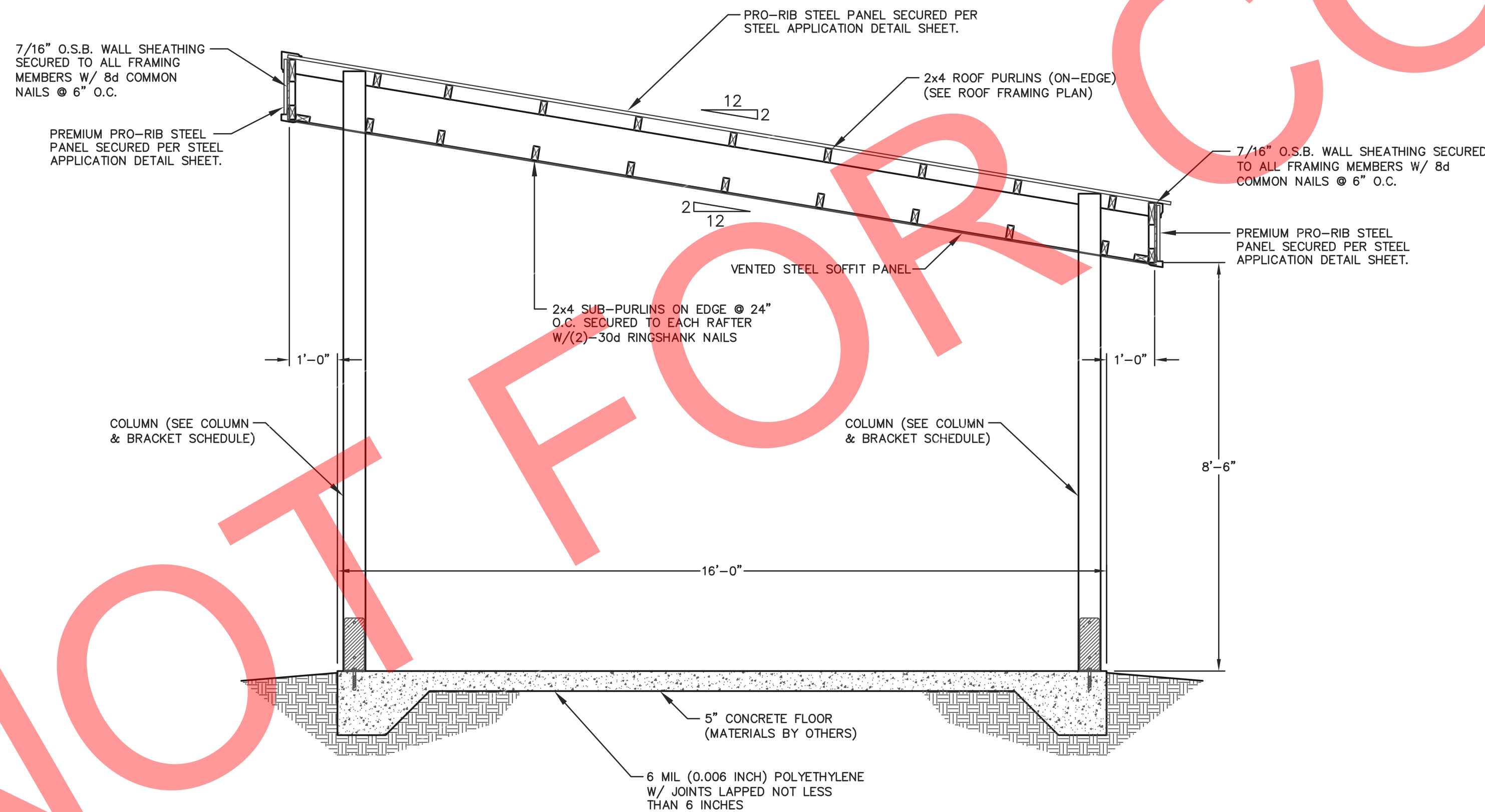
COLUMN SCHEDULE				
COLUMN LOCATION	COLUMN DESCRIPTION	EMBEDMENT	# OF COLUMNS	FOOTING DESCRIPTION
S1	(10')-6x6 #2 SYP (S4S) TREATED COLUMN	0'-0"	6	HAUNCHED FOOTING (SEE SHEET S3)
S2	(12')-6x6 #2 SYP (S4S) TREATED COLUMN	0'-0"	7	HAUNCHED FOOTING (SEE SHEET S3)

BRACKET SCHEDULE			
BRACKET DESCRIPTION	NO. OF BRACKETS PER COLUMN	BRACKET TO COLUMN	BRACKET TO CONCRETE (PER COLUMN)
PA60	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT
PA60	1	(2)-1/2"x7 1/2" BOLTS, (4) 1/4"x3" WOOD SCREWS	(2)-5/8"x6" TITEN HD SCREW ANCHORS, 5 3/4" MIN. EMBEDMENT

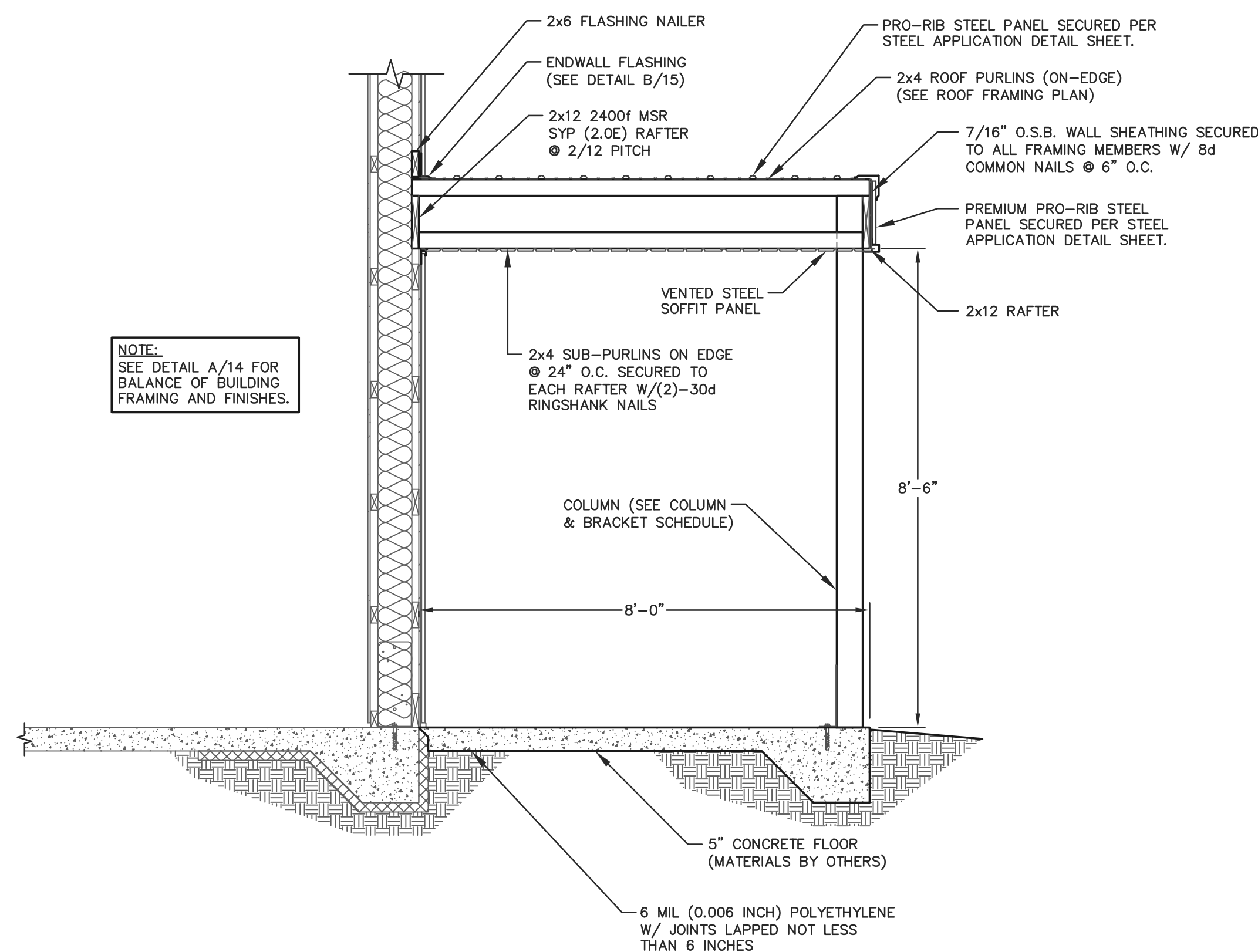


**NOTE:**  
2x4 ROOF PURLINS (ON-EDGE) AT 24" O.C. ROOF  
PURLINS ARE TO BE SECURED TO THE TRUSS W/(1)-60d  
RINGSHANK NAIL AT EACH PURLIN TO TRUSS LOCATION.

**NOTE:**  
2x4 ROOF PURLINS (ON-EDGE). THE FIRST (5) ROWS OF PURLINS  
AFTER THE PEAK PURLIN SHALL BE AT 19" O.C. WITH THE BALANCE  
AT 24" O.C. ROOF PURLINS ARE TO BE SECURED TO THE TRUSS  
W/(1)-60d RINGSHANK NAIL AT EACH PURLIN TO TRUSS LOCATION.



**A SIDEWALL SECTION AT LARGE CANOPY**  
SCALE: 1/2"=1'-0"



**A ENDWALL SECTION AT LARGE CANOPY**  
SCALE: 1/2"=1'-0"



FOR QUESTIONS PLEASE CONTACT BUILDING  
DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA  
VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

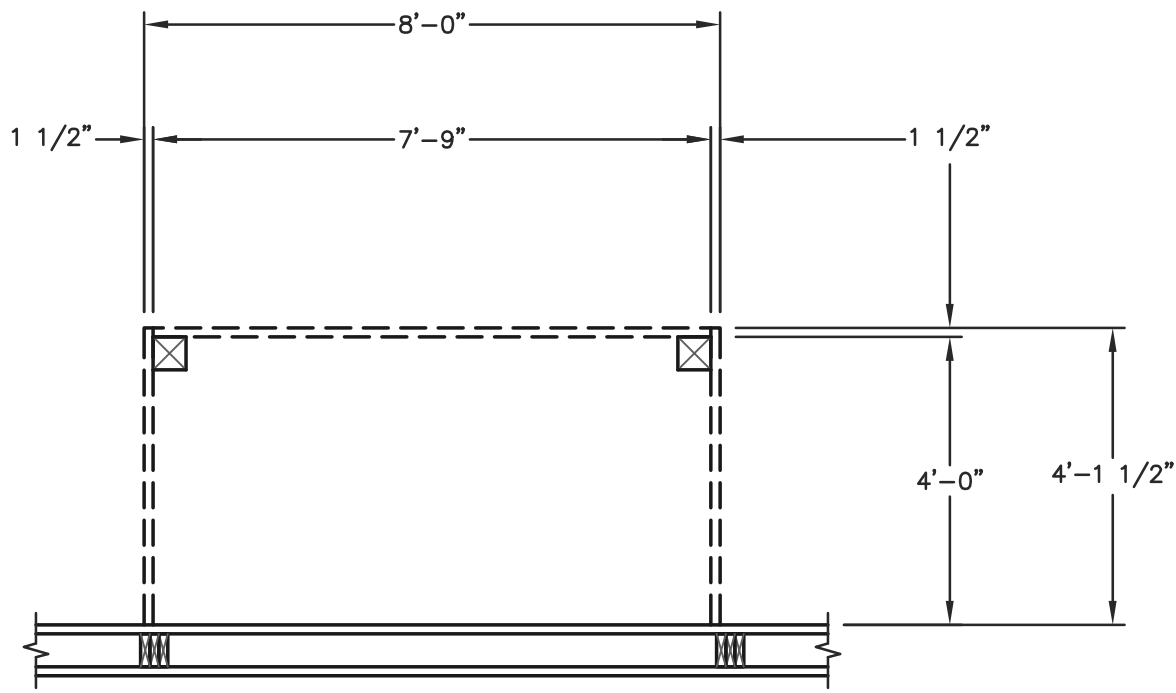
SHEET TITLE:  
**LARGE CANOPY FLOOR  
PLAN, ROOF FRAMING  
PLAN AND DETAILS**

FILE NAME: B07425W

SHEET NO.

**S22**





SMALL CANOPY FLOOR PLAN  
SCALE: 3/8"=1'-0"



ENGINEERING SERVICES  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6565

FOR QUESTIONS PLEASE CONTACT BUILDING  
DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

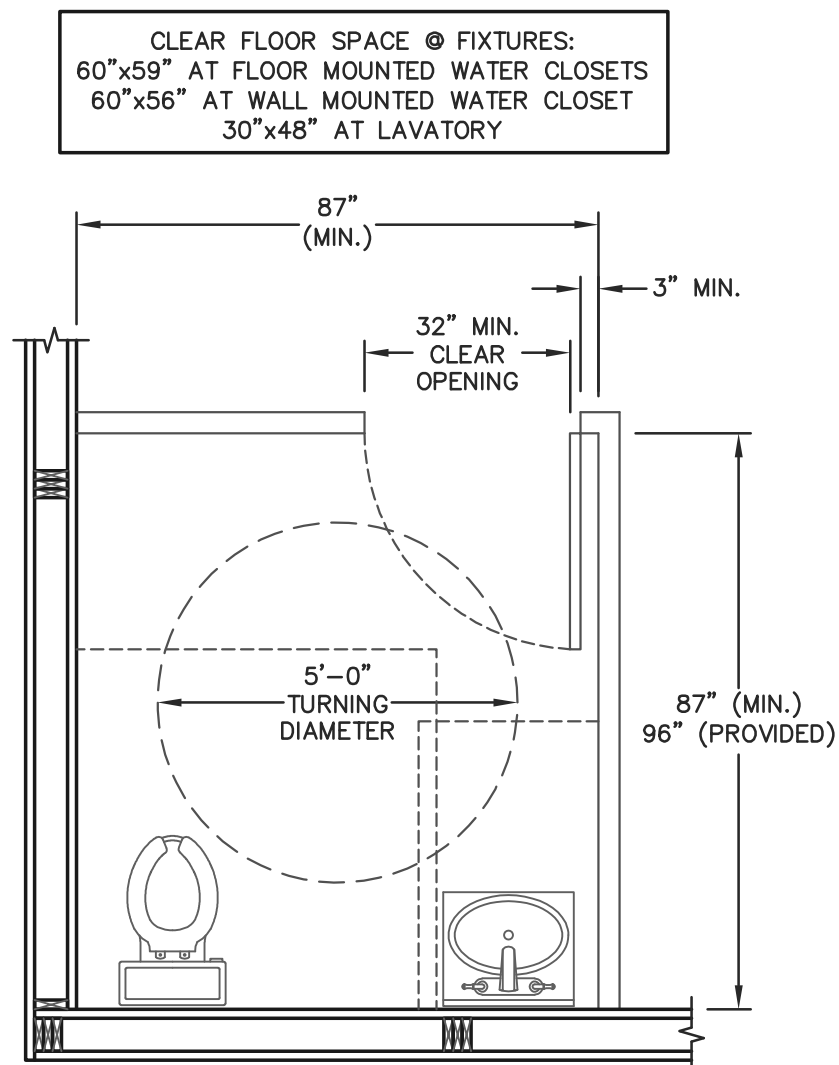
NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:  
SMALL CANOPY FLOOR  
PLAN, ROOF FRAMING  
PLAN AND DETAILS

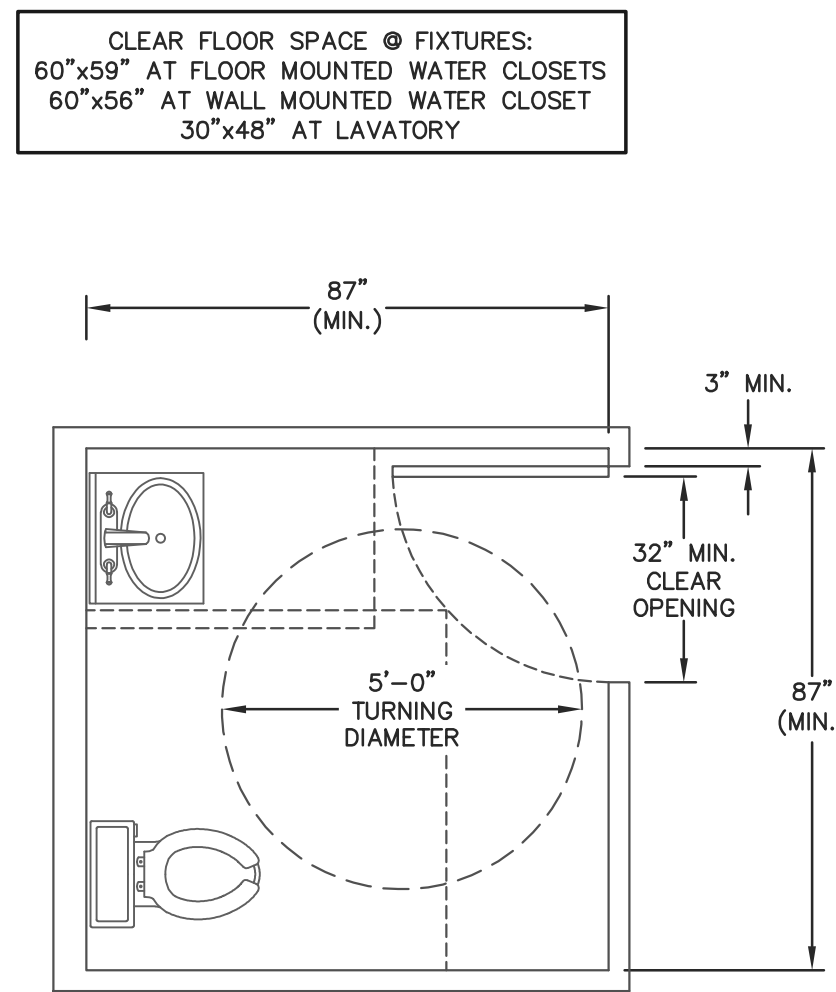
FILE NAME: B07425WI

SHEET NO.

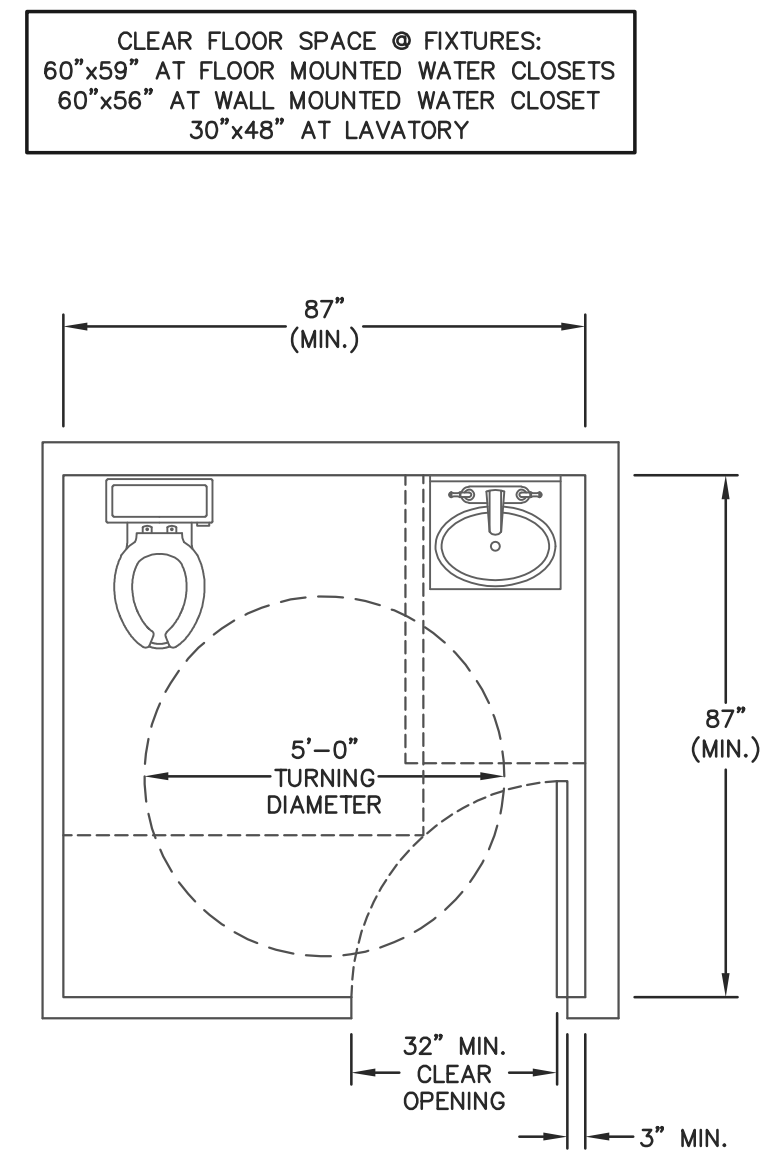
S23



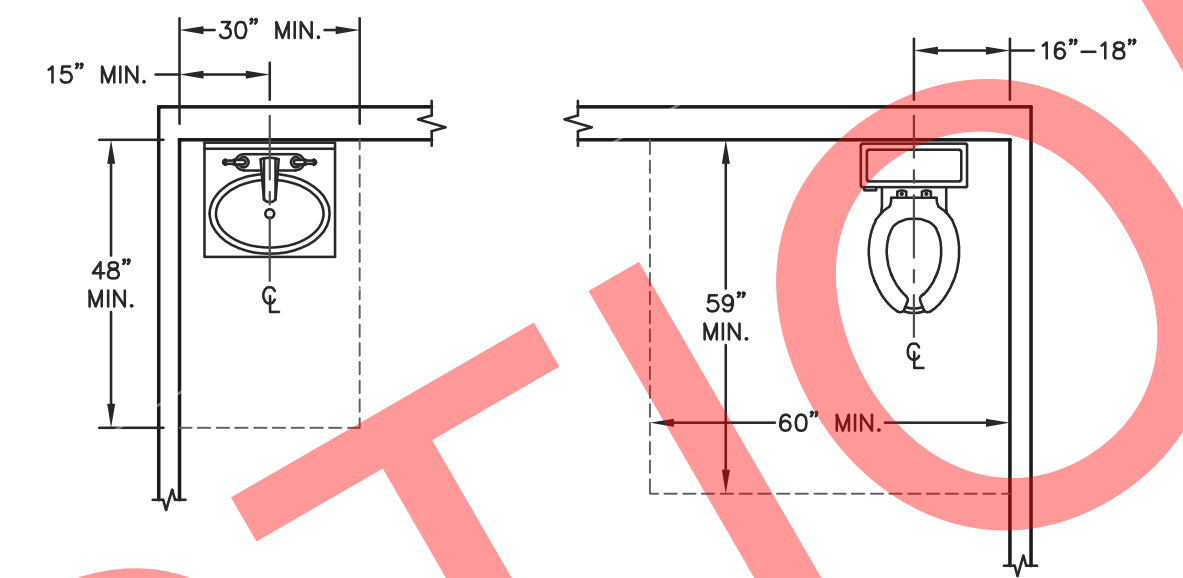
RESTROOM 1 FLOOR PLAN  
SCALE: 3/8"=1'-0"



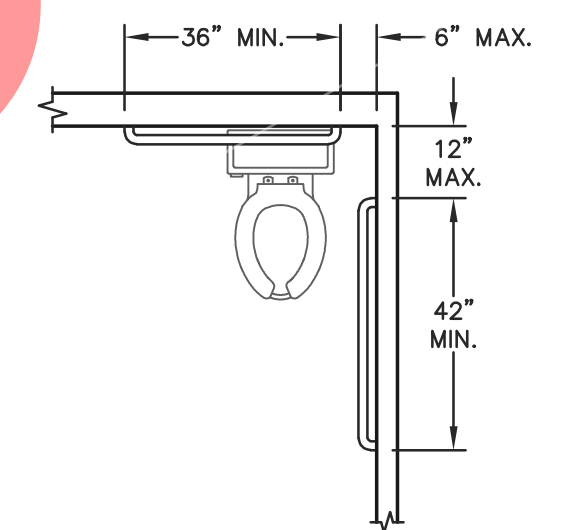
RESTROOM 2 FLOOR PLAN  
SCALE: 3/8"=1'-0"



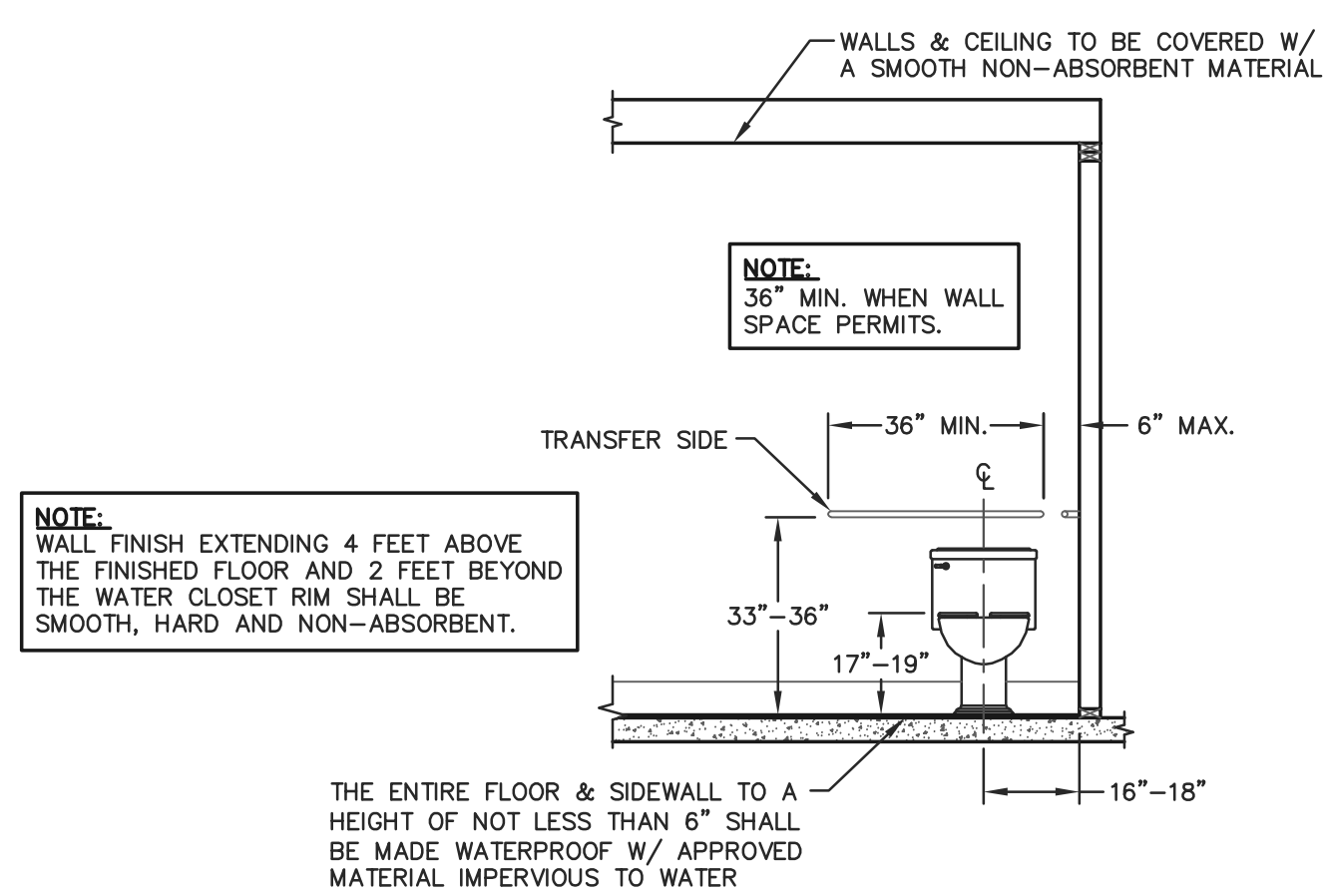
RESTROOM 3 FLOOR PLAN  
SCALE: 3/8"=1'-0"



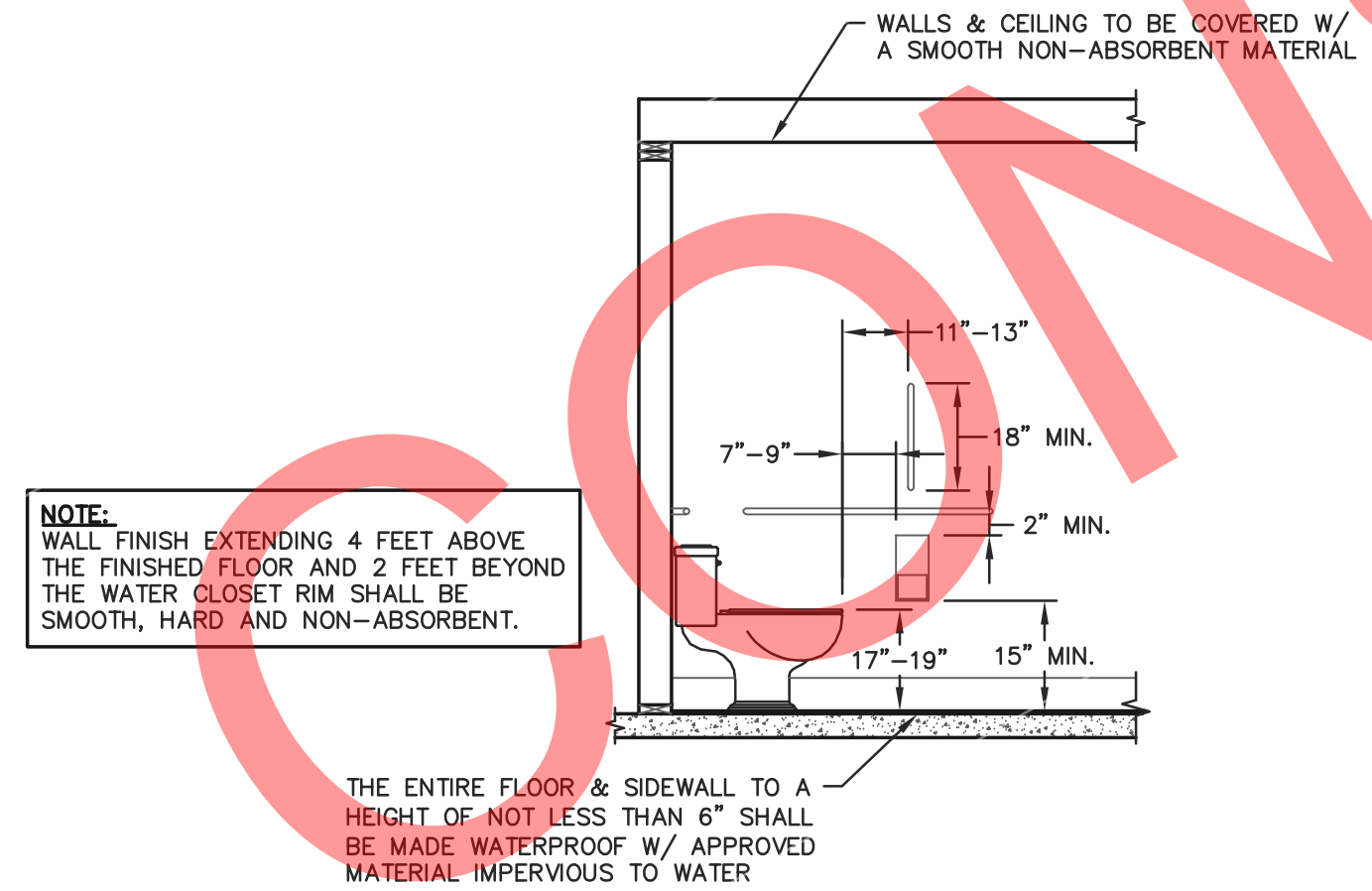
CLEAR SPACE REQUIREMENTS  
SCALE: 3/8"=1'-0"



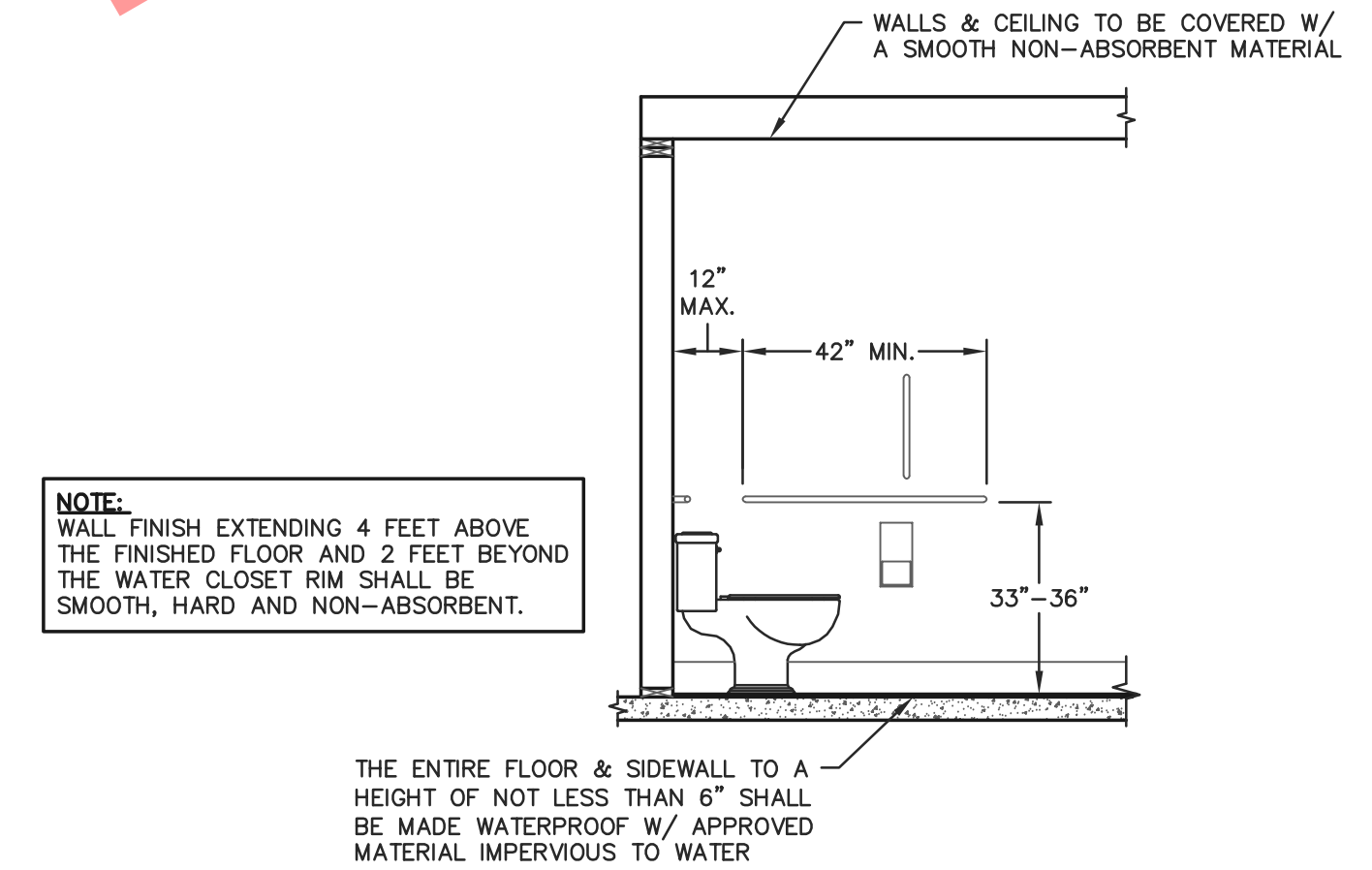
GRAB BAR LOCATIONS  
SCALE: 3/8"=1'-0"



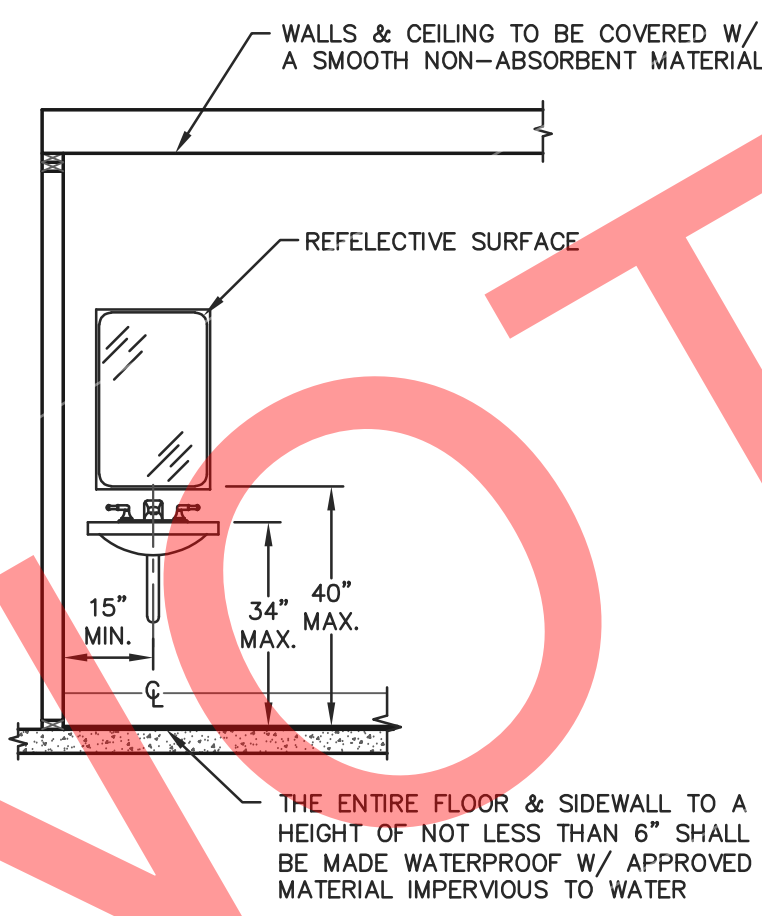
FRONT TOILET ELEVATION  
SCALE: 3/8"=1'-0"



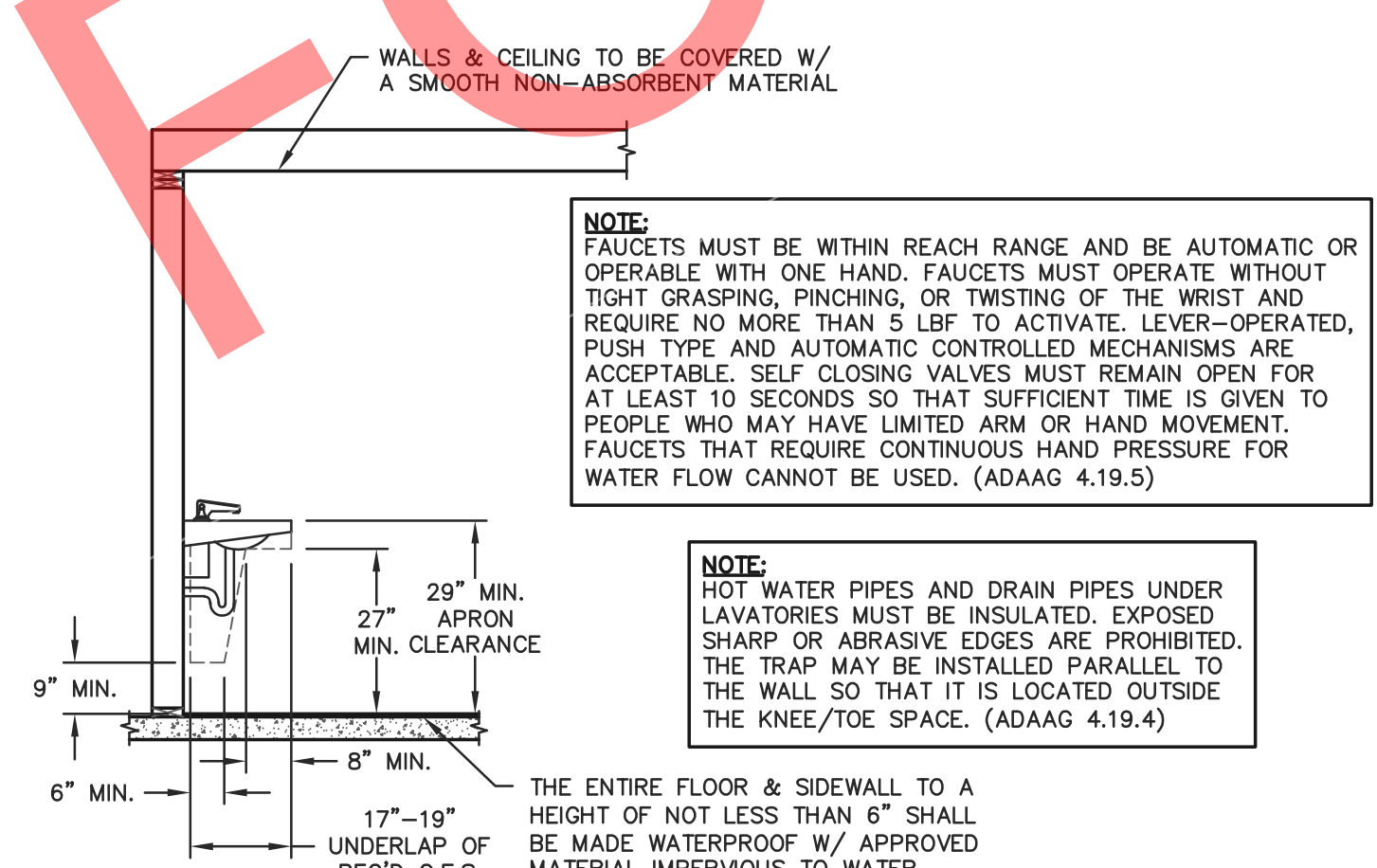
SIDE TOILET ELEVATION  
SCALE: 3/8"=1'-0"



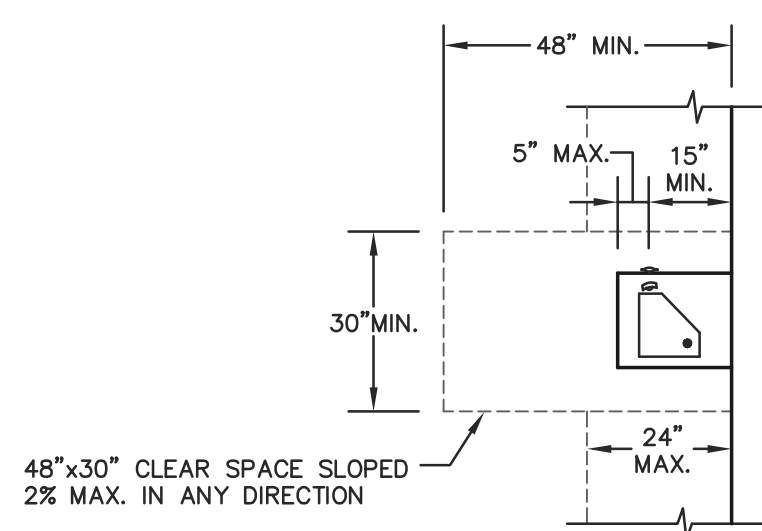
SIDE TOILET ELEVATION  
SCALE: 3/8"=1'-0"



FRONT SINK ELEVATION  
SCALE: 3/8"=1'-0"



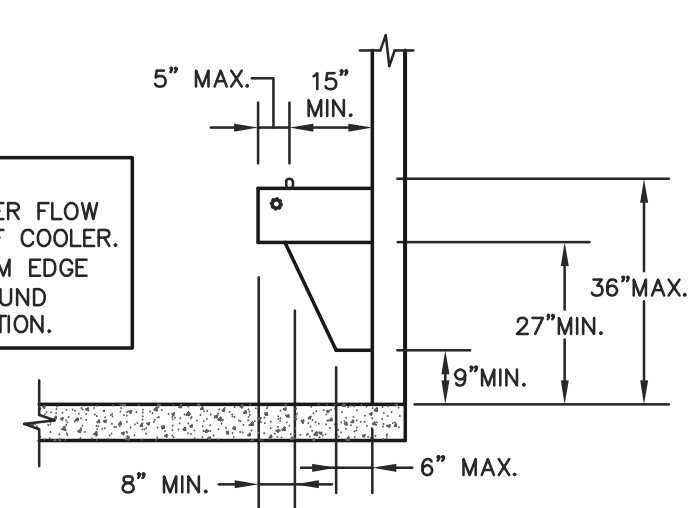
SIDE SINK ELEVATION  
SCALE: 3/8"=1'-0"



DRINKING FOUNTAIN FLOOR PLAN  
SCALE: 3/8"=1'-0"

NOTE:  
PER IBC 1109.5, 2 DRINKING FOUNTAINS SHALL BE PROVIDED WITHIN THE BUILDING, ONE LOW FOUNTAIN WITH MAXIMUM SPOUT HEIGHT OF 36" FOR A PERSON IN A WHEELCHAIR AND ONE HIGH FOUNTAIN WITH SPOUT HEIGHT BETWEEN 38" AND 43" FOR A STANDING PERSON. OTHERWISE A SINGLE DRINKING FOUNTAIN SUCH AS A WATER COOLER THAT IS ACCESSIBLE TO BOTH A PERSON IN A WHEELCHAIR AND A STANDING PERSON MAY BE SUBSTITUTED FOR THE HIGH AND LOW FOUNTAINS.

NOTE:  
36" MAX. SPOUT HEIGHT. WATER FLOW TO BE PARALLEL TO FRONT OF COOLER. SPOUT TO BE 3" MAX. IN FROM EDGE OF COOLER. 4" MIN. HIGH GROUND SLOPE 2% MAX. IN ANY DIRECTION.



DRINKING FOUNTAIN SIDE ELEV.  
SCALE: 3/8"=1'-0"



ENGINEERING SERVICES

5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6565

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:

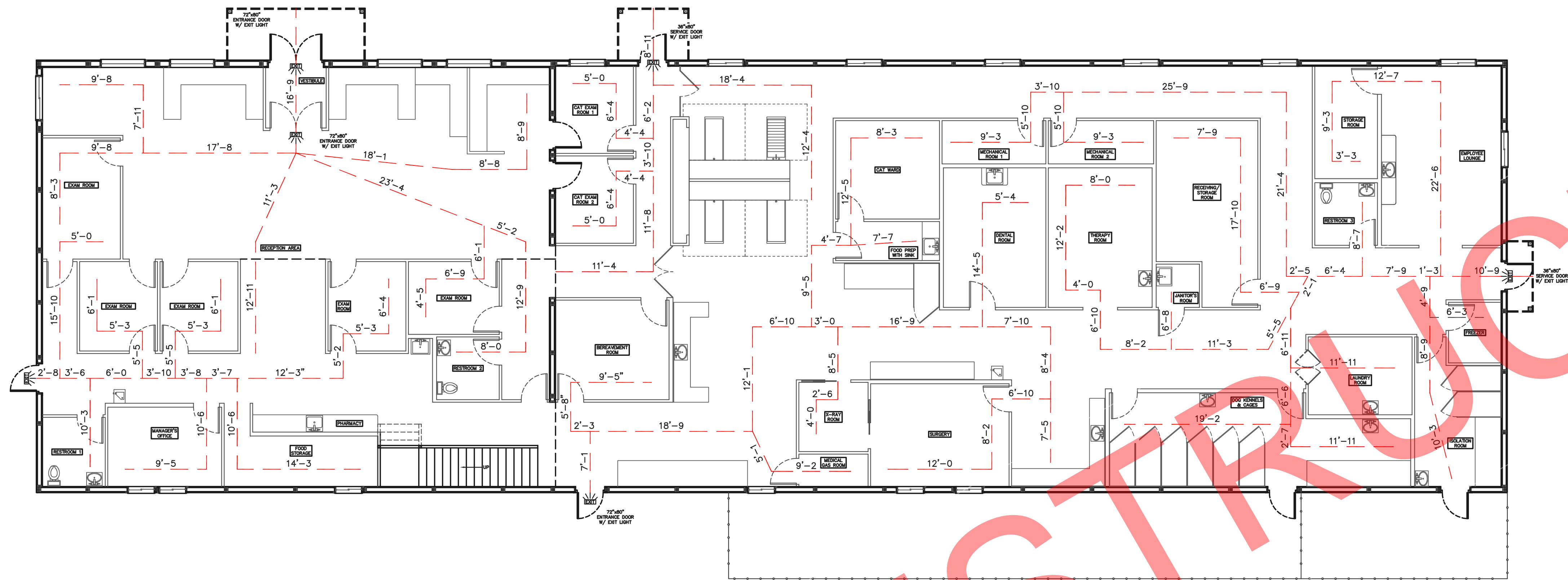
RESTROOM LAYOUT AND DETAILS

FILE NAME: B07425WI

SHEET NO.

S24

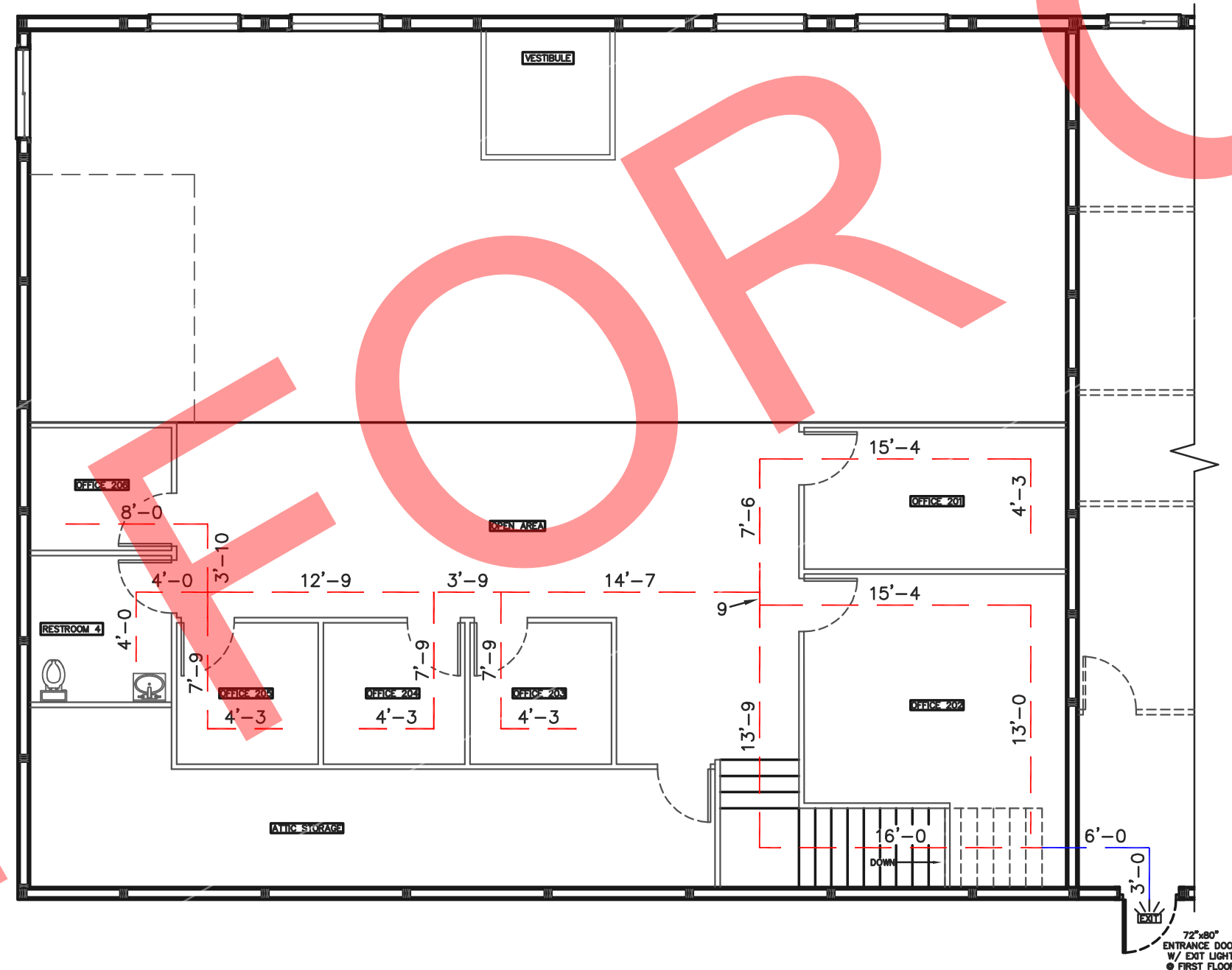




TRAVEL DISTANCE OFF FIRST FLOOR  
LONGEST TRAVEL DISTANCE: 34'-5"  
SHORTEST TRAVEL DISTANCE: 18'-5"

### FIRST FLOOR EGRESS PLAN

SCALE: 1/8"=1'-0"



TRAVEL DISTANCE OFF SECOND FLOOR TO BOTTOM OF STAIRS  
LONGEST TRAVEL DISTANCE: 73'-5"  
SHORTEST TRAVEL DISTANCE: 57'-0"

TRAVEL DISTANCE OFF SECOND FLOOR TO EXIT  
LONGEST TRAVEL DISTANCE: 82'-5"  
SHORTEST TRAVEL DISTANCE: 66'-0"

### SECOND FLOOR EGRESS PLAN

SCALE: 1/8"=1'-0"



**ENGINEERING SERVICES**  
5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-6666

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

**LA CROSSE AREA VETERINARY CLINIC**

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 5/7/2025

SCALE: AS NOTED

#### REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

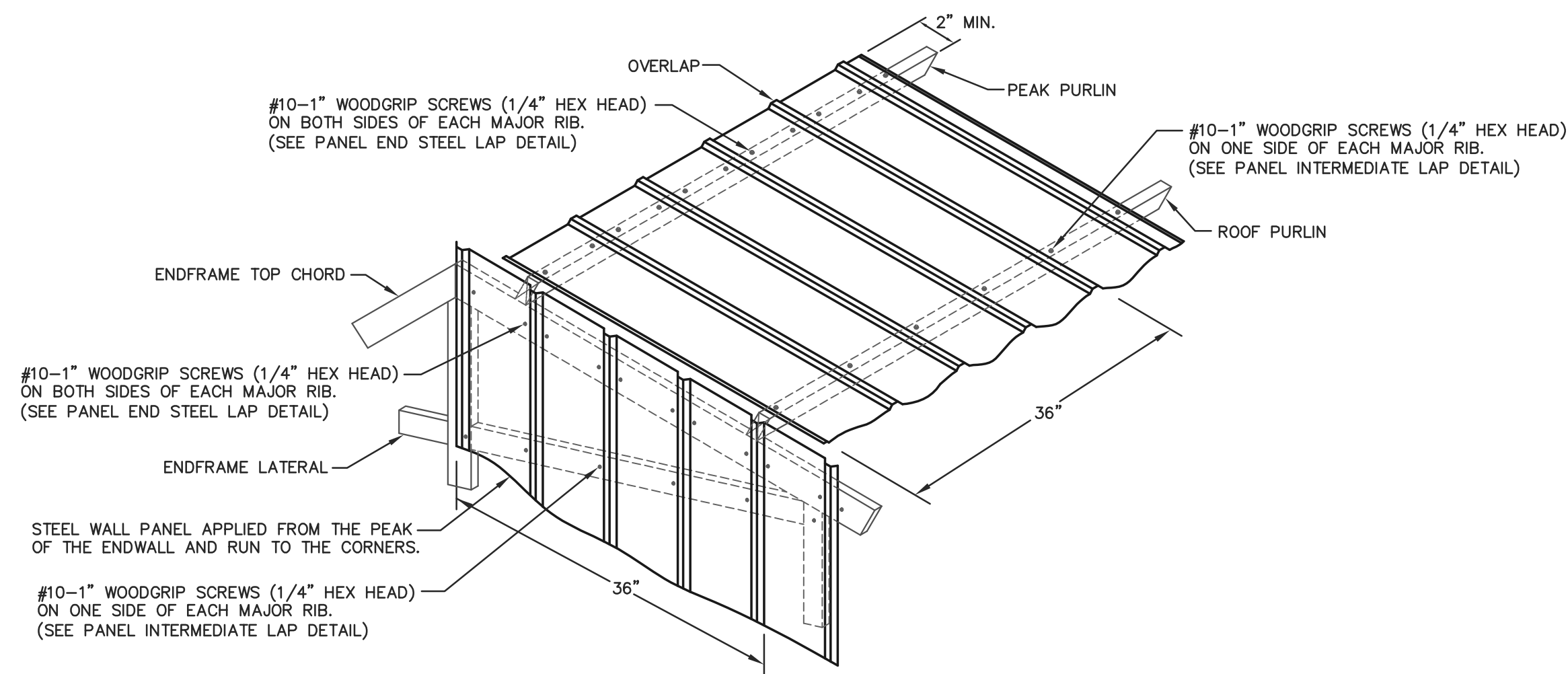
SHEET TITLE:

FIRST FLOOR AND SECOND FLOOR EGRESS PLAN

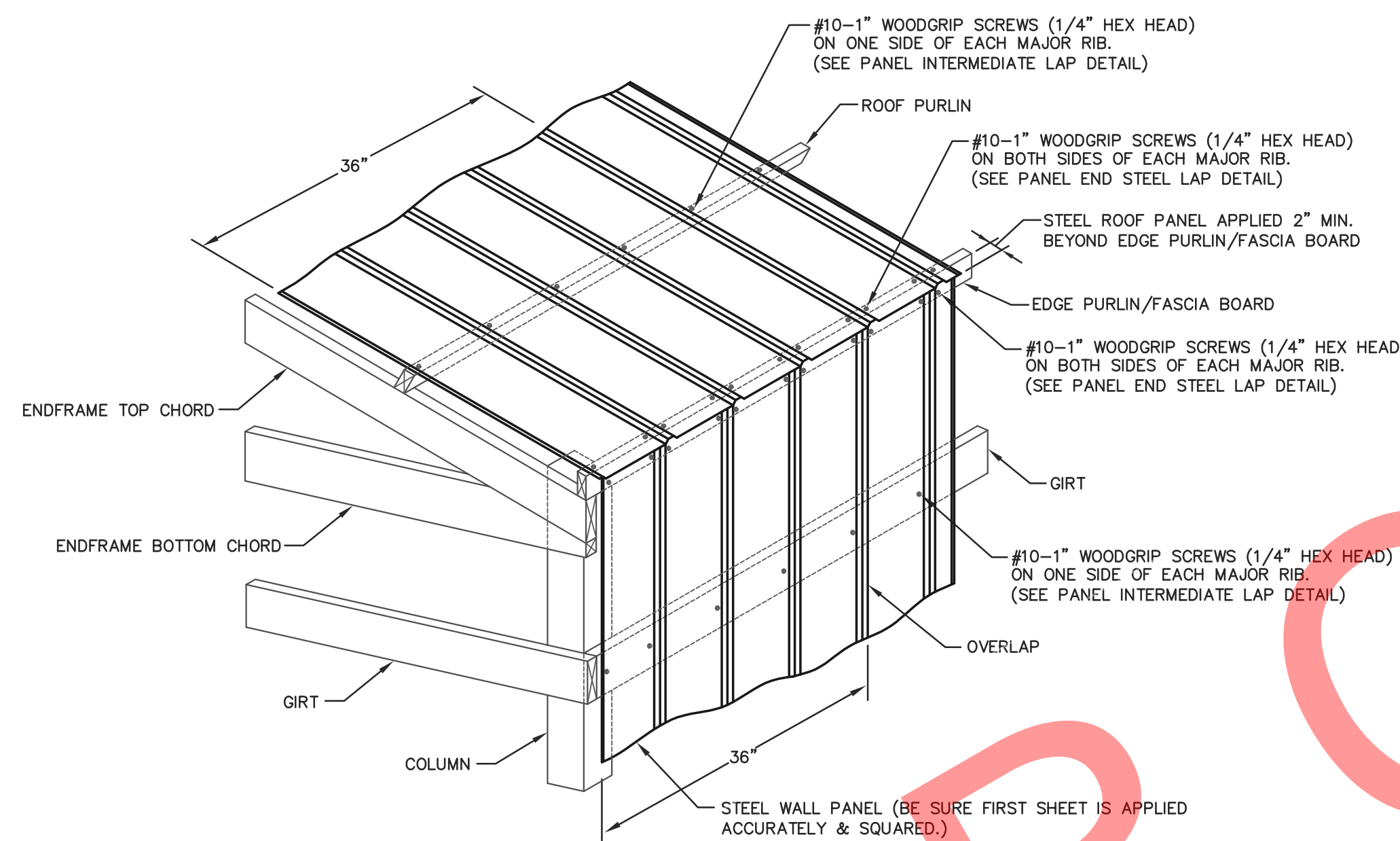
FILE NAME: B07425W

SHEET NO.

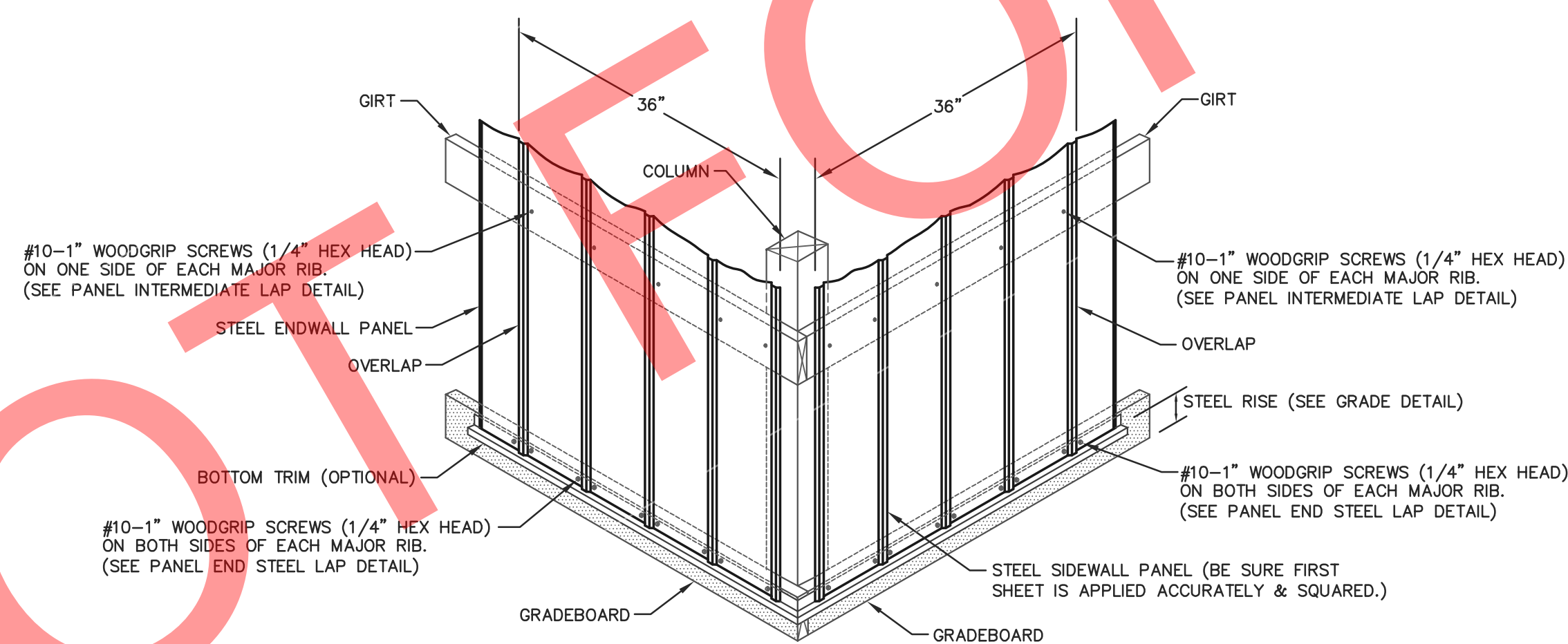
**S26**



ROOF & ENDWALL STEEL APPLICATION @ GABLE PEAK & INTERMEDIATE



ROOF & SIDEWALL STEEL APPLICATION @ EAVE

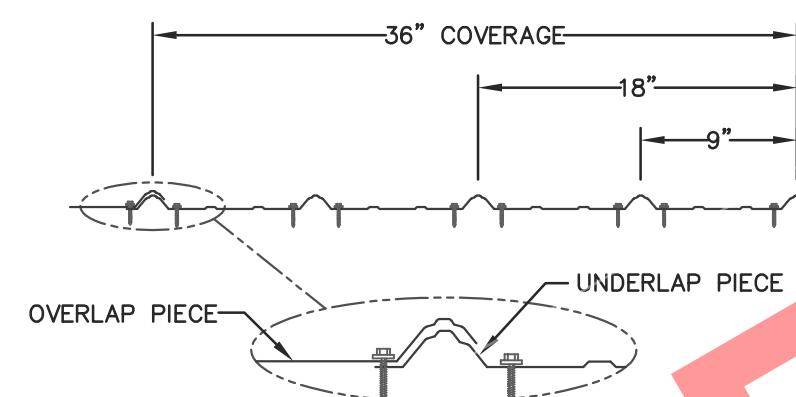


WALL STEEL APPLICATION @ GRADEBOARD

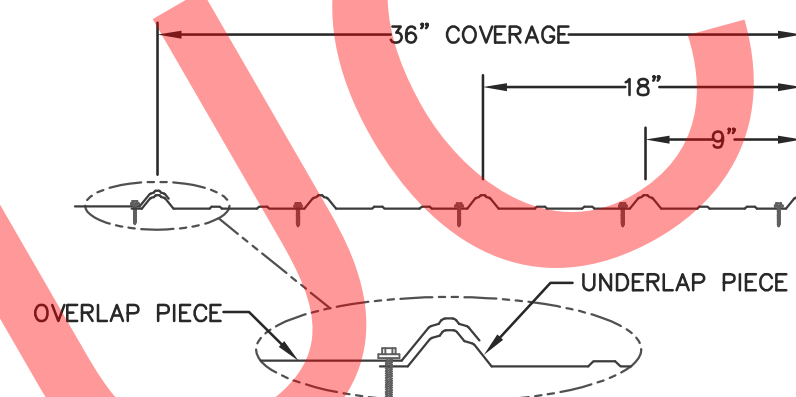
STEEL APPLICATION DETAILS

STEEL PANEL INSTALLATION GENERAL NOTES:

1. PROPER LAPPING OF STEEL PANEL IS VERY IMPORTANT IN THE PANEL'S ABILITY TO PREVENT LEAKING. OVERSEATING AND UNDERSEATING OF LAP IS NOT PERMITTED.
2. FASTENER TIGHTNESS IS CRITICAL IN THE LONGEVITY OF THE FASTENER'S ABILITY TO HELP PREVENT LEAKS AND STRUCTURAL LOAD CARRYING CAPACITY. OVER-TORQUING OF SCREWS WILL REDUCE THE SCREWS' WITHDRAWAL CAPACITY, REGARDLESS OF THE CONSTRUCTION MATERIALS INVOLVED. UNDER-TORQUING OF SCREWS WILL INCREASE THE POTENTIAL OF ROOF LEAKS.
3. FASTENER LOCATION IS CRITICAL FOR INSTALLERS TO MINIMIZE THE POTENTIAL OF OIL CANNING, DIMPLES, AND OTHER APPEARANCE RELATED ISSUES.
4. THE ANTI-SYPHON DRAIN CHANNEL MUST BE CLEAR OF DEBRIS AND OBSTRUCTIONS FOR THE PANEL'S ABILITY TO MINIMIZE THE POTENTIAL OF CAPILLARY ACTION OF WATER FROM GETTING UNDER THE STEEL PANEL.



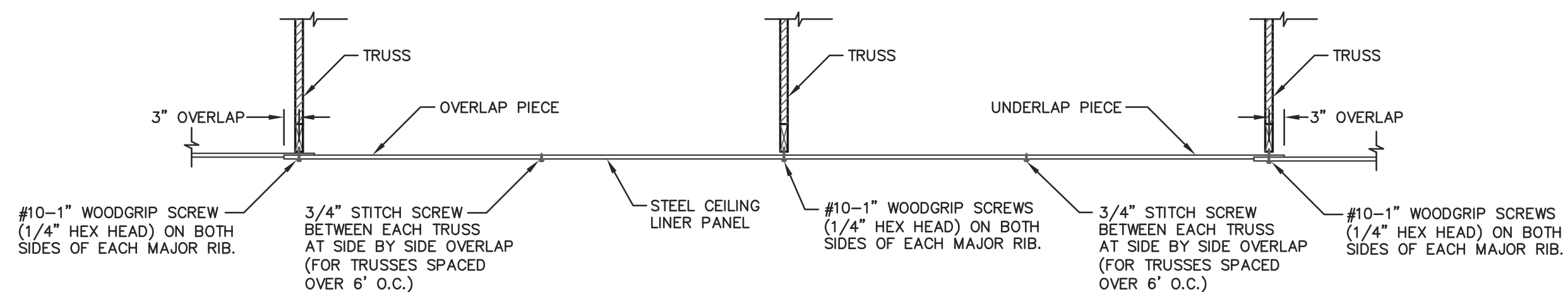
PANEL END STEEL LAP DETAIL  
NOT TO SCALE



PANEL INTERMEDIATE LAP DETAIL  
NOT TO SCALE

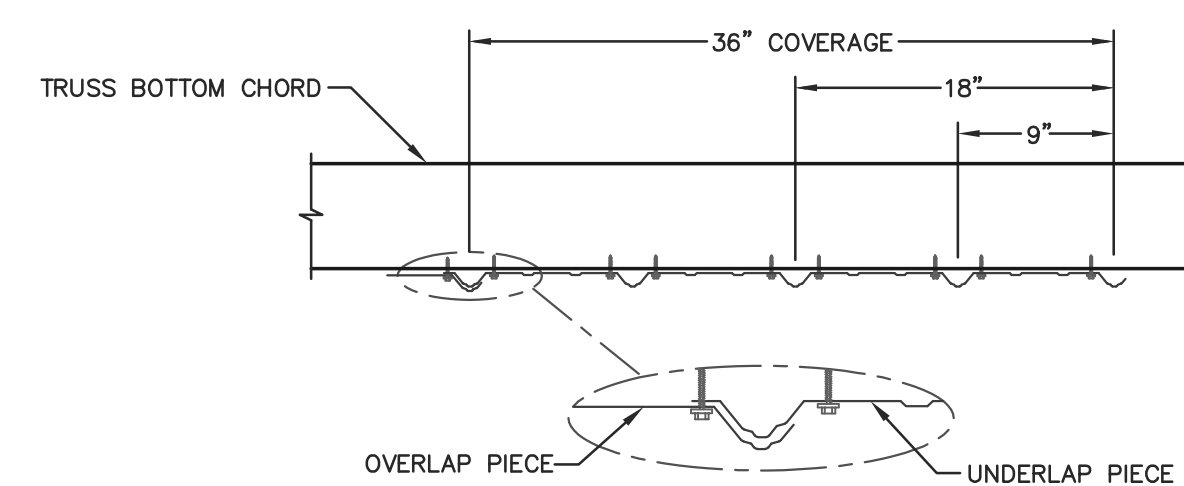
NOTE:

THE RECOMMENDED PROCEDURE FOR APPLYING CEILING LINER IS:  
APPLYING 1\"/>



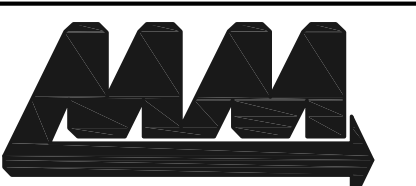
STEEL APPLICATION DETAIL @ CEILING LINER

SCALE: NOT TO SCALE



STEEL CEILING LINER-LAP DETAIL

NOT TO SCALE



ENGINEERING SERVICES

5311 KANE RD. KAU CLAIRE, WI 54703 (715) 876-0505

FOR QUESTIONS PLEASE CONTACT BUILDING DESIGNER AT THE FOLLOWING:  
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:

LA CROSSE AREA  
VETERINARY CLINIC

LA CROSSE, WI

PROF. ENGINEER: XXXX

PLAN DESIGNER: CHOUA KHA

DRAWN BY: KWK

DATE: 4/25/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:

STEEL APPLICATION DETAILS

FILE NAME: B07425W

SHEET NO.

S27