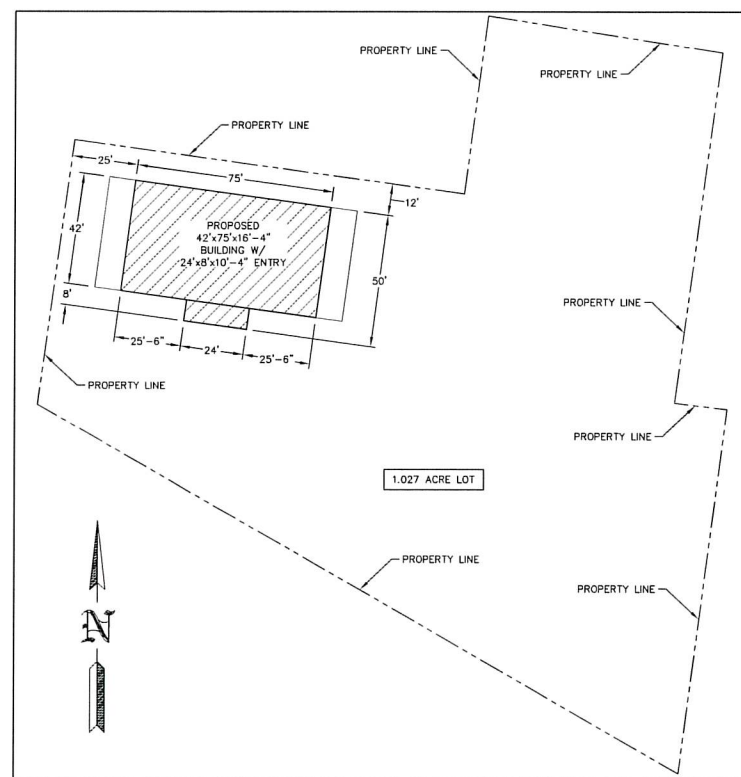


HERITAGE MILITARY MUSIC FOUNDATION

WATERTOWN, WI



SITE PLAN
SCALE: 1"=30'

NOTE: THE OWNER SHALL PROVIDE AN ALL WEATHER HARD SURFACE AREA 30 FEET OR MORE IN WIDTH EXTENDING AT LEAST ONE SIDE OF THE LENGTH OF ONE SIDE OF THE PROPOSED STRUCTURE AND MUST BE ACCESSIBLE TO FIRE FIGHTING EQUIPMENT.

96" MIN
96" MIN
96" MIN

NOTE: PARKING LOT REQUIRES HANDICAP ACCESSIBLE PARKING STALLS. (ANSI A117.1.5.02) FOR NUMBER OF STALLS REQUIRED, SEE WISCONSIN CODE SECTION 1106.

NOTE: THE OWNER SHALL PROVIDE DESIGNATED SPACE WITHIN OR ADJACENT TO STRUCTURE FOR THE COLLECTION OF RECYCLABLE MATERIALS AS PER SPS 362.0400(2).

NOTE: THE OWNER/CONTRACTOR SHALL VERIFY ALL BUILDING SETBACKS WITH LOCAL OFFICIALS PRIOR TO CONSTRUCTION. ADJUST BUILDING LOCATION TO COMPLY, IF REQUIRED.

NOTE: IF MORE THAN ONE ACRE OF LAND IS DISTURBED BY BUILDING ERECTION AND/OR PARKING AND ACCESS DRIVE SURFACE, THEN THE OWNER/CONTRACTOR SHALL SUBMIT A WATER RESOURCES APPLICATION FOR PROJECT PERMITS (WRAPP) AS PER NR 216.

NOTE: FLOOR ELEVATION @ ALL SERVICE DOORS SHALL BE LEVEL AND FLUSH WITH ADJACENT INSIDE AND OUTSIDE FLOORS AS PER IBC 1010.1.5

NOTE: CURB RAMPS COMPLYING W/ ADAAG 4.7 ARE REQUIRED WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB.

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.

BUILDING INFORMATION:
NAME: HERITAGE MILITARY MUSIC FOUNDATION
PARCEL #: 291-0815-0442-084
CITY: WATERTOWN
STATE: WI
ZIP: 53094
COUNTY: JEFFERSON

BUILDING SPECIFICATIONS

OWNERS INFORMATION:		BUILDING DESIGN LOADS:	
- NAME:	HERITAGE MILITARY	- (Ps)	= 30.0 PSF
- ADDRESS:	504 SOUTH 4TH STREET	- (Cs)	= 0.80
- CITY:	WATERTOWN	- (Is)	= 1.00
- STATE:	WI	- (Cl)	= 1.20
- ZIP:	53094	- (Pi)	= 22.68 PSF
		- (Cs)	= 1.00
		- (Ps)	= 22.68 PSF
		- (Lr)	= 20.00 PSF
		*WITH UNBALANCED AND DRIFT LOADS AS REQUIRED	
BUILDING DESIGN INFORMATION:		WIND:	
- DESIGN CODE:	2018 WI COM. BLDG. CODE (2015 IBC)	- B.W.S.	= 115 MPH
- USE OF BUILDING:	STORAGE	- EXPOSURE	= C
- OCCUPANCY CLASSIFICATION:	GROUP (S-1)		
- CONSTRUCTION TYPE:	2B		
- RISK CATEGORY:	2		
- FIRE SUPPRESSION SYSTEM:	N0		
BUILDING AREA:		SEISMIC:	
- AREA OF WORK:	3342 SQFT	- SEISMIC IMPORTANCE FACTOR:	1.00
- EXISTING BUILDING AREA:	0 SQFT	- SPECTRA RESPONSE	
- TOTAL BUILDING AREA:	3342 SQFT	- COEFFICIENT SDS:	0.089
		- SPECTRA RESPONSE	
		- COEFFICIENT SDI:	0.072
		- SITE CLASSIFICATION:	I
		- SEISMIC DESIGN CATEGORY:	II
ALLOWABLE AREA:		TRUSS DEAD LOADS:	
- TABLE AREA:	8000 SQFT	- DLTC	= 1 PSF
- PERIMETER INCREASE:	0 SQFT	- DLBC	= 10 PSF
- SPRINKLER INCREASE:	0 SQFT		
- TOTAL ALLOWABLE AREA:	8000 SQFT		

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 AND IS REQUIRED FOR ANY STRUCTURAL, LAYOUT, OR MATERIAL CHANGES.

COLUMNS:	- ALL LAMINATED COLUMNS SHALL BE MIDWEST MANUFACTURING'S, RIVET CLINCHED, WITH STEEL REINFORCED JOINTS UNLESS SPECIFIED OTHERWISE.
TRUSSES:	- DESIGNED IN ACCORDANCE TO 2015 IBC - TPI APPROVED - THIRD PARTY INSPECTED - MIDWEST MANUFACTURING TRUSS QUOTE NUMBER: QTRC0695945 - LATERAL BRACING IS REQUIRED. SEE TRUSS SPECIFICATION SHEET(S) FOR LATERAL BRACE LOCATIONS.
STEEL PANEL:	- MIDWEST MANUFACTURING'S PRO-RIB STEEL PANEL - 0142" MINIMUM THICKNESS BEFORE PAINTING - 0165" NOMINAL THICKNESS AFTER PAINTING - 060 GALVANIZED COATING PLUS ZINC PHOSPHATE - 40 YEAR PAINT WARRANTY - STRUCTURAL STRENGTH ASIM-A653 GRADE 80 (FULL HARD STEEL) - 82000 PSI MINIMUM TENSILE STRENGTH

SHEET INDEX

SHEET #	SHEET DESCRIPTION
S1	SITE PLAN AND BUILDING SPECIFICATIONS
S2	ELEVATIONS
S3	FLOOR PLAN
S4	ROOF FRAMING PLAN
S5	SIDEWALL SECTION AND SECTION DETAILS
S6	ENDWALL SECTION, SECTION DETAILS AND OVERHEAD DOOR DETAILS
S7	WALL SECTIONS @ ENTRY AND SECTION DETAILS
S8	STEEL APPLICATION DETAILS AND GENERAL NOTES



ENGINEERING SERVICES

3511 KANE RD. EAU CLAIRE, WI 54703 (715) 878-3660

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

PROJECT TITLE:

HERITAGE MILITARY
MUSIC FOUNDATION

WATERTOWN, WI

PROF. ENGINEER: MATT BUSHEE

PLAN DESIGNER: MATT BUSHEE

DRAWN BY: DAS

DATE: 2/6/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

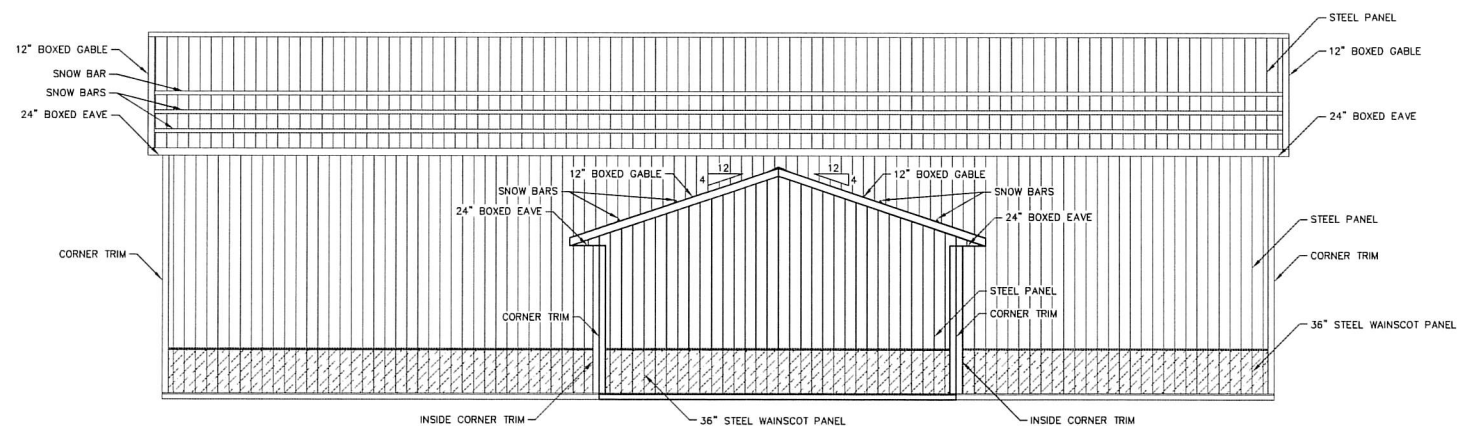
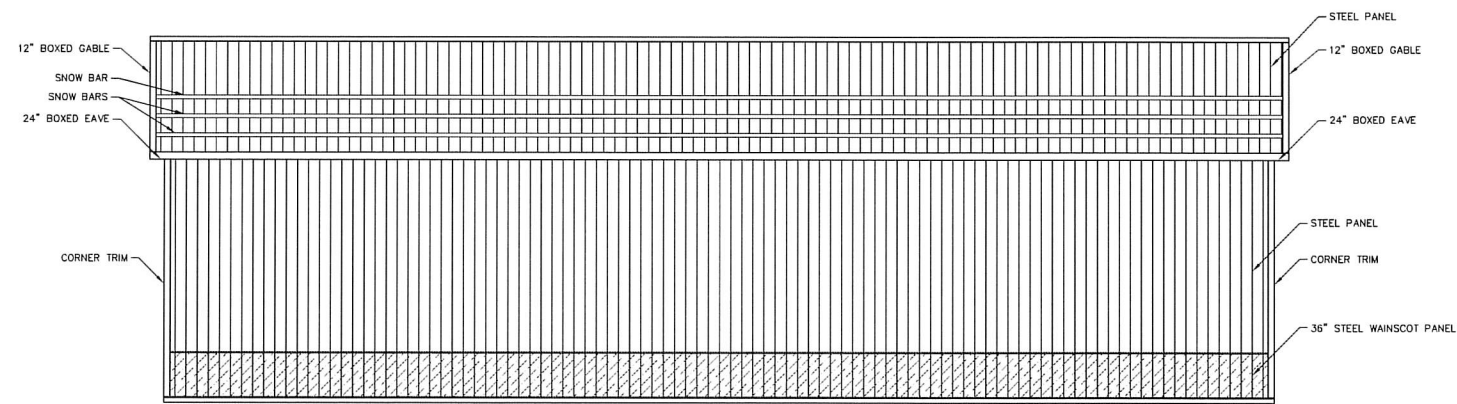
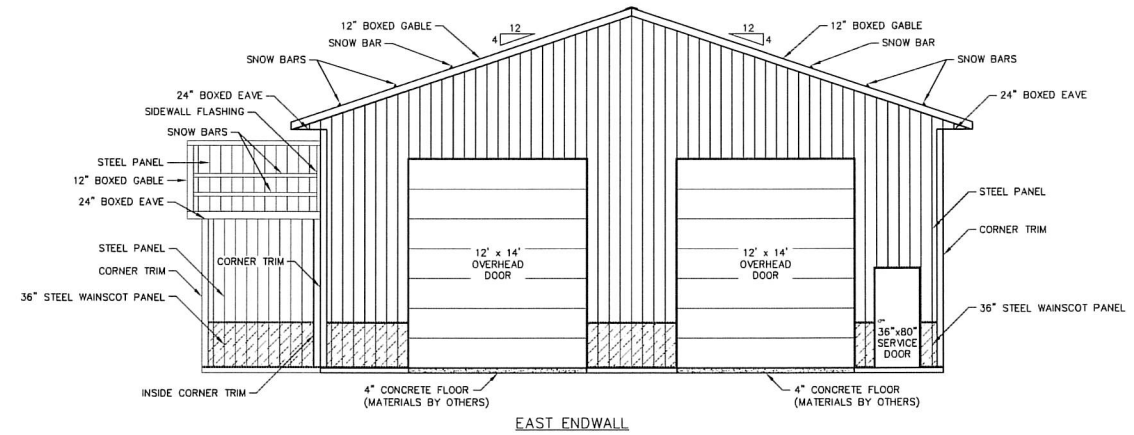
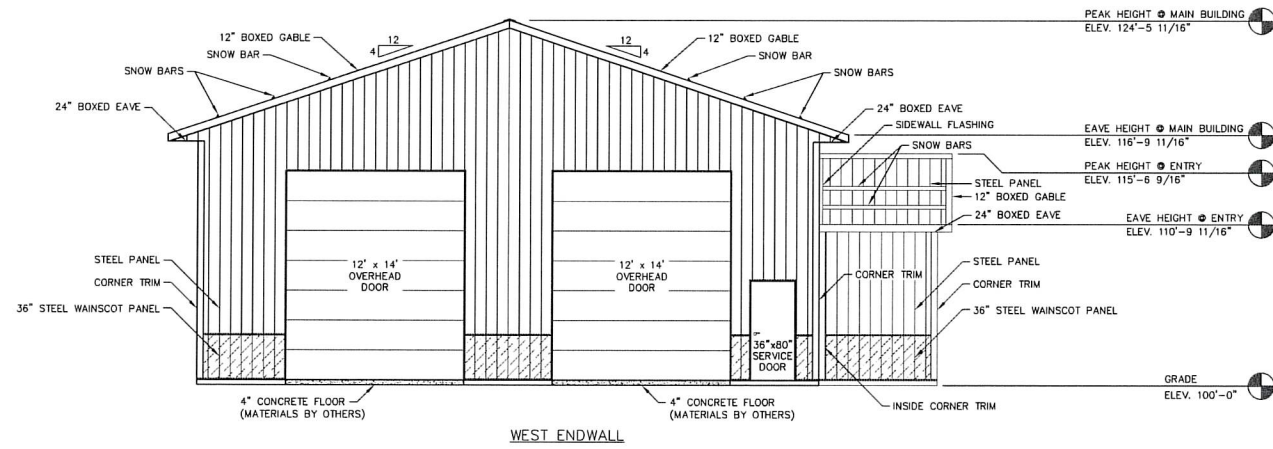
SHEET TITLE:

SITE PLAN AND
BUILDING SPECIFICATIONS

FILE NAME: S00525WI

SHEET NO.

S1



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



ENGINEERING SERVICES

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

PROJECT TITLE:

HERITAGE MILITARY MUSIC FOUNDATION

WATERTOWN, WI

PROF. ENGINEER: MATT BUSHEE

PLAN DESIGNER: MATT BUSHEE

DRAWN BY: DAS

DATE: 2/6/2025

SCALE: AS NOTED

REVISIONS

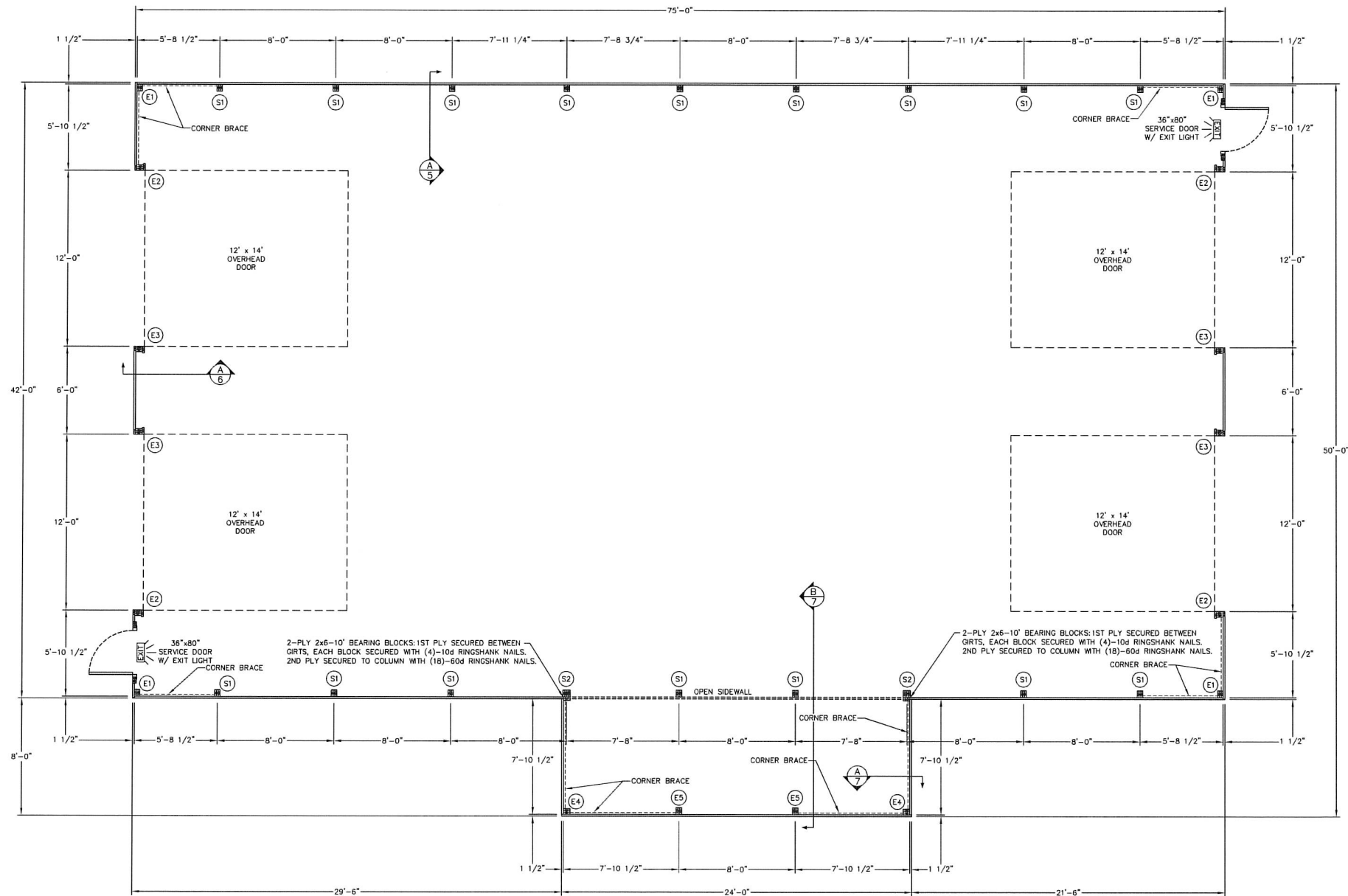
NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:
ELEVATIONS

FILE NAME: S00525WI

SHEET NO.

S2



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

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

NOTE:
CORNER BRACE SHALL BE A TREATED 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 W/ (3)-10d RINGSHANK NAILS AND TO THE SOKFIT NALES/ENDFRAME BOTTOM CHORD W/ (3)-10d RINGSHANK NAILS. EACH BRACE TO GIRT LOCATION SHALL BE SECURED W/ (1)-10d RINGSHANK NAIL.

COLUMN & FOOTING SCHEDULE				
COLUMN LOCATION	COLUMN DESCRIPTION	EMBEDMENT	NUMBER OF COLUMNS	FOOTING DESCRIPTION
S1	3-PLY (24')-2x6 #1 SYP LAMINATED COLUMN	4'-11"	16	20"x6" CONCRETE FOOTING
S2	4-PLY (24')-2x6 #1 SYP LAMINATED COLUMN	4'-11"	2	26"x6" CONCRETE FOOTING
E1	3-PLY (24')-2x6 #1 SYP LAMINATED COLUMN	4'-11"	4	14"x4" CONCRETE FOOTING
E2	3-PLY (26')-2x6 2400I MSR SYP LAMINATED COLUMN	4'-11"	4	14"x4" CONCRETE FOOTING
E3	3-PLY (30')-2x6 2400I MSR SYP LAMINATED COLUMN	4'-11"	4	14"x4" CONCRETE FOOTING
E4	3-PLY (18')-2x6 #1 SYP LAMINATED COLUMN	4'-11"	2	14"x4" CONCRETE FOOTING
E5	3-PLY (20')-2x6 #1 SYP LAMINATED COLUMN	4'-11"	2	14"x4" CONCRETE FOOTING

NOTE:
IF CONCRETE FOOTINGS ARE POURED ON SITE, THEN FOOTINGS MUST BE A MINIMUM OF 8" THICK.



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

PROJECT TITLE:
HERITAGE MILITARY MUSIC FOUNDATION
WATERTOWN, WI

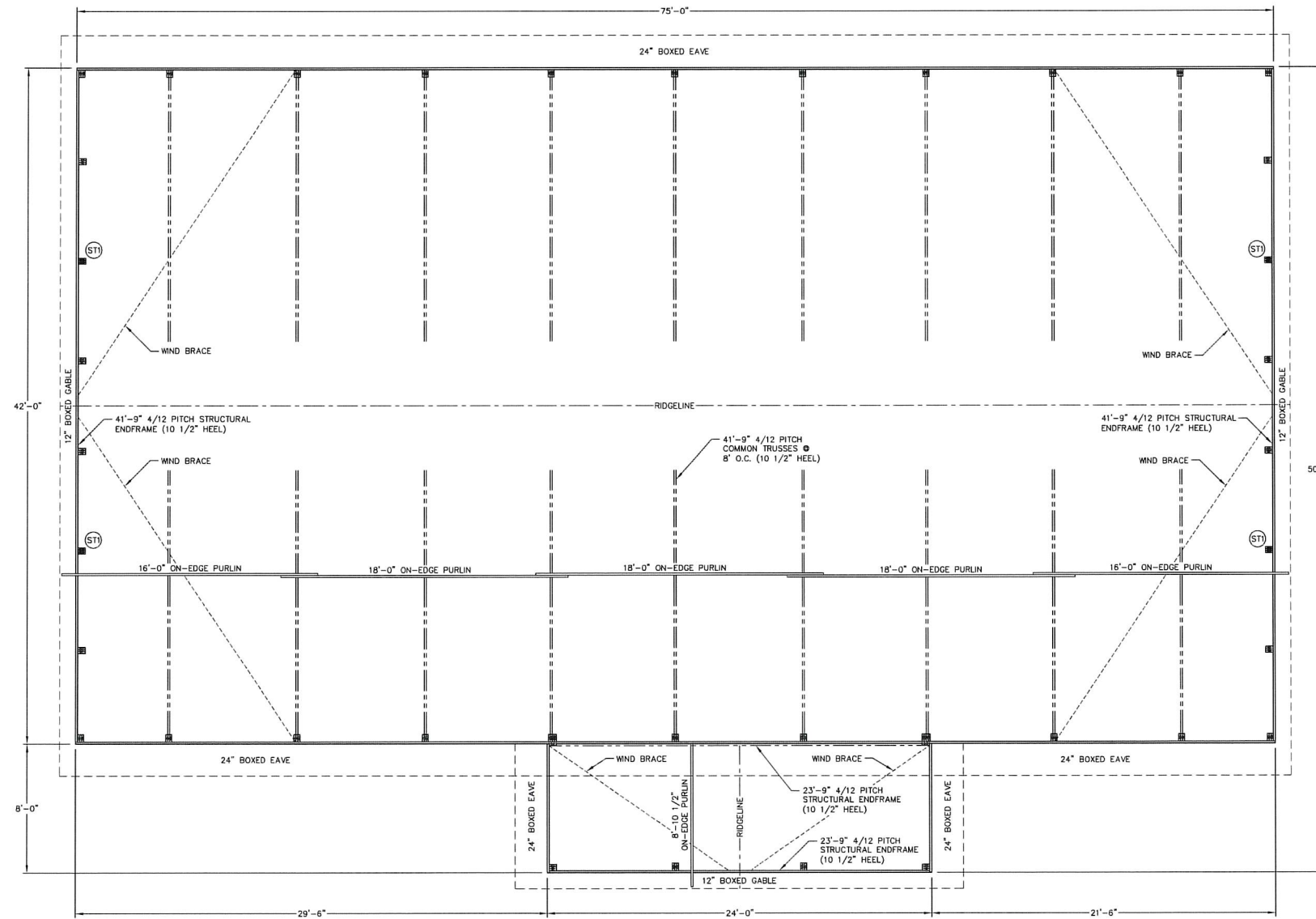
PROF. ENGINEER: MATT BUSHEE
PLAN DESIGNER: MATT BUSHEE
DRAWN BY: DAS
DATE: 2/6/2025
SCALE: AS NOTED

REVISIONS		
NO.	DATE	DESCRIPTION
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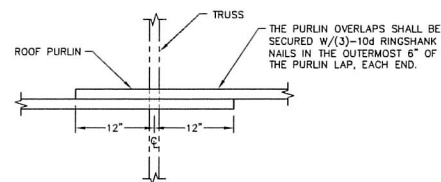
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FLOOR PLAN

FILE NAME: S00525WI
SHEET NO.

S3



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



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

NOTE: (42'x75' MAIN BUILDING)
2x4 ROOF PURLINS (ON-EDGE) AT 24" O.C. ROOF PURLINS ARE TO BE SECURED TO THE TRUSS W/(1)-50d RINGSHANK NAIL AT EACH PURLIN TO TRUSS LOCATION.

NOTE: (24'x8' ENTRY)
2x4 ROOF PURLINS (ON-EDGE) AT 11" O.C. ROOF PURLINS ARE TO BE SECURED TO THE TRUSS W/(1)-60d RINGSHANK NAIL AT EACH PURLIN TO TRUSS LOCATION.

STUB COLUMN SCHEDULE		
COLUMN LOCATION	COLUMN DESCRIPTION	NUMBER OF COLUMNS
ST1	3-PLY 2x6-(8") STUB COLUMN (CUT TO FIT)	4

NOTE:
STUB COLUMNS TO BE PLACED AT CENTER OF ENDWALL DOOR OPENINGS UNLESS NOTED OTHERWISE.

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

501 KANE RD. EAU CLAIRE, WI 54601 (715) 878-8888

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PROJECT TITLE:

HERITAGE MILITARY MUSIC FOUNDATION

WATERTOWN, WI

PROF. ENGINEER: MATT BUSHEE

PLAN DESIGNER: MATT BUSHEE

DRAWN BY: DAS

DATE: 2/6/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
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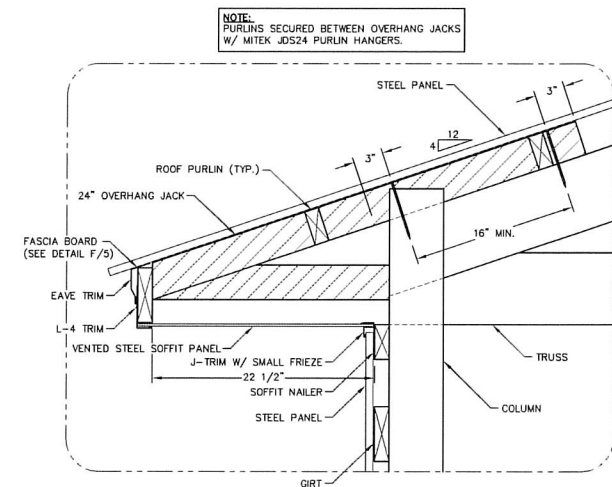
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ROOF FRAMING PLAN

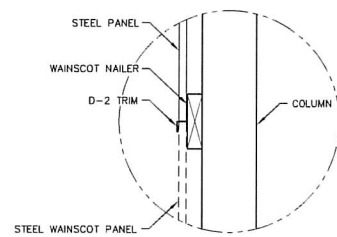
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SHEET NO.

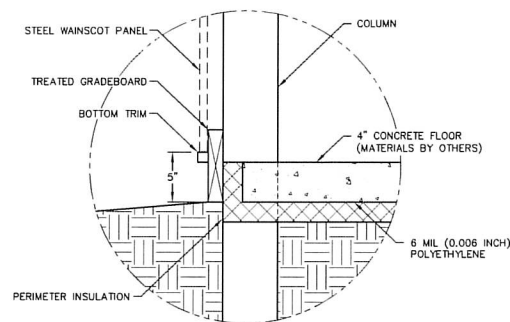
S4



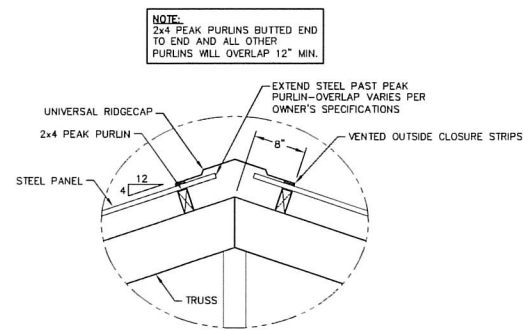
D
24" BOXED EAVE DETAIL
SCALE: 1 1/2"=1'-0"



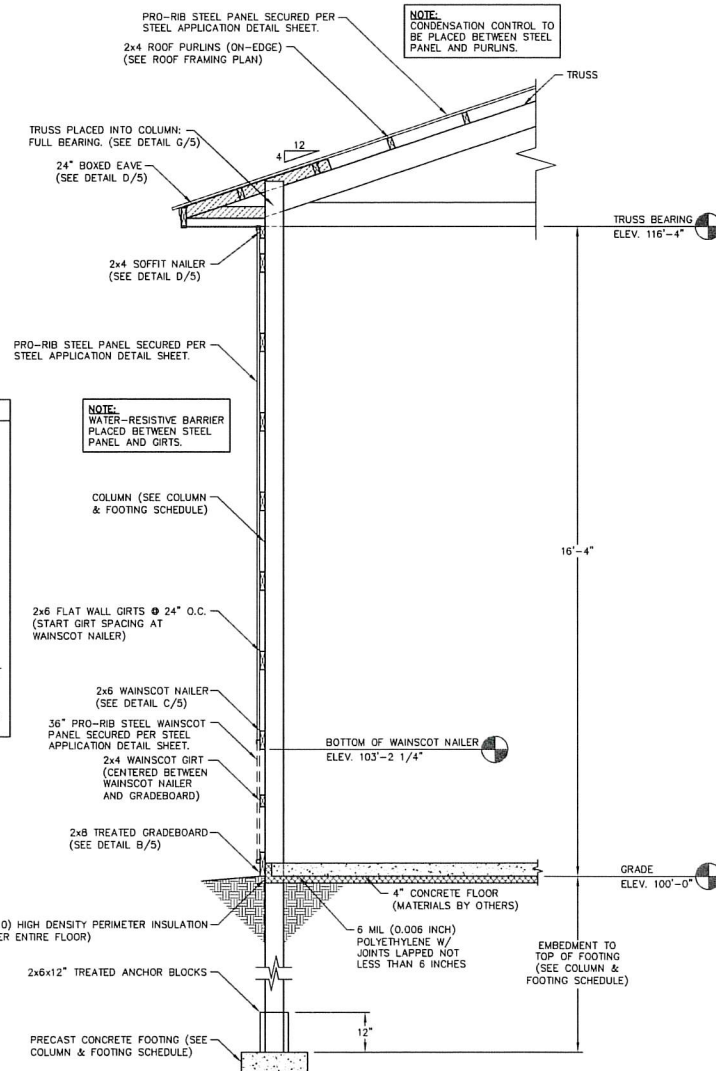
C
D-2 TRIM DETAIL
SCALE: 1 1/2"=1'-0"



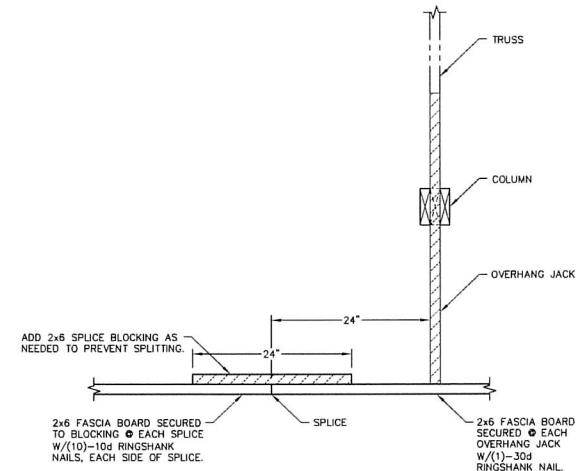
B
GRADE DETAIL
SCALE: 1 1/2"=1'-0"



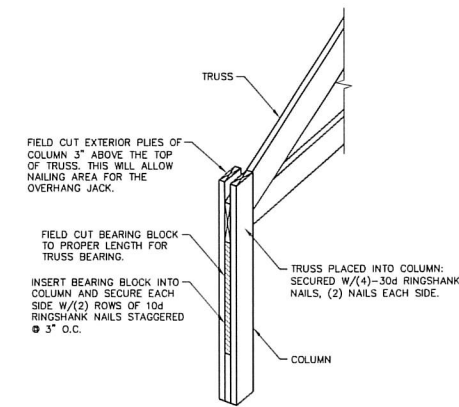
E
PEAK PURLIN DETAIL
SCALE: 1"=1'-0"



A
SIDEWALL SECTION
SCALE: 1/2"=1'-0"



F
FASCIA BOARD DETAIL
SCALE: 1"=1'-0"



G
TRUSS INSTALLATION DETAIL
SCALE: NOT TO SCALE

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 GIRT TO COLUMN LOCATION.

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

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

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

TREATED ANCHOR BLOCKS:
TREATED ANCHOR BLOCKS SECURED TO EACH FACE OF THE COLUMN AT THE BASE WITH (4)-30d RINGSHANK NAILS, EACH BLOCK.

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

NOTE:
CONDENSATION CONTROL TO BE PLACED BETWEEN STEEL PANEL AND PURLINS.



ENGINEERING SERVICES
5201 KANE RD. EAU CLAIRE, WI 54601 (715) 878-3555
ENGINEERING@MIDWESTMANUFACTURING.COM

PROJECT TITLE:
**HERITAGE MILITARY
MUSIC FOUNDATION**
WATERTOWN, WI

PROF. ENGINEER: MATT BUSHEE
PLAN DESIGNER: MATT BUSHEE
DRAWN BY: DAS
DATE: 2/6/2025
SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:
SIDEWALL SECTION AND
SECTION DETAILS
FILE NAME: S00525WI
SHEET NO.

S5

ENDWALL SECTION FASTENER NOTES

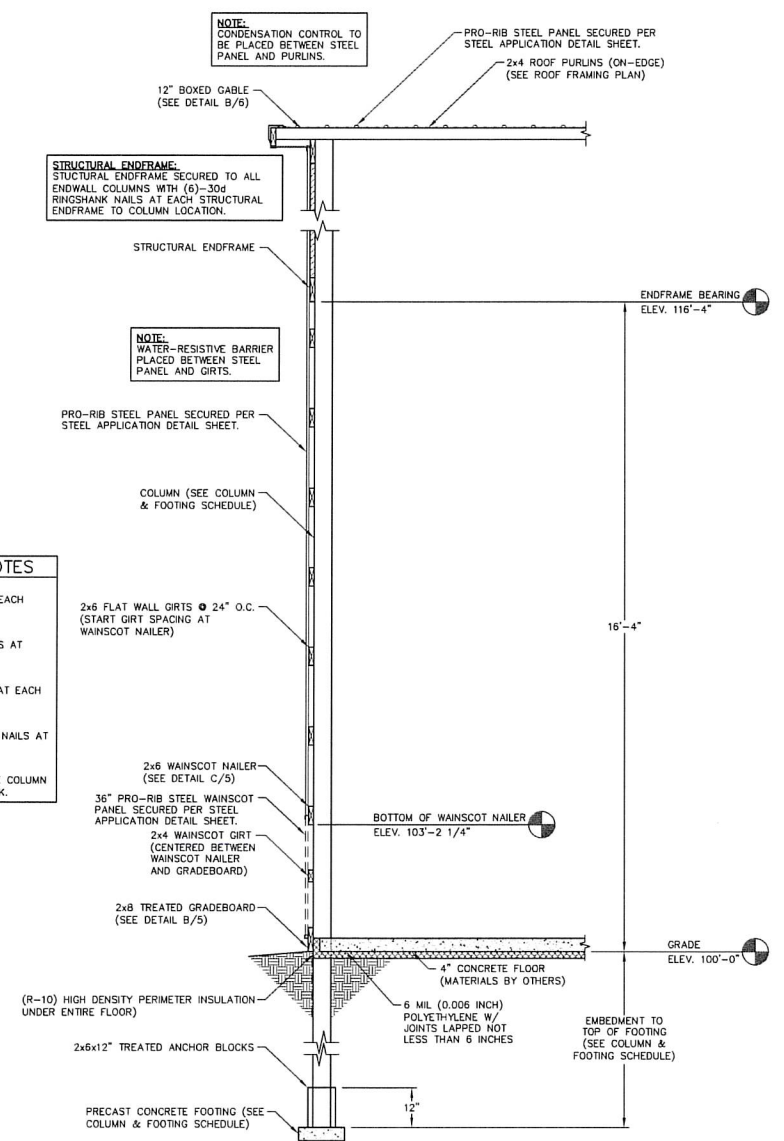
WALL GIRTS:
WALL GIRTS SECURED WITH (2)-30d RINGSHANK NAILS AT EACH GIRT TO COLUMN LOCATION.

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

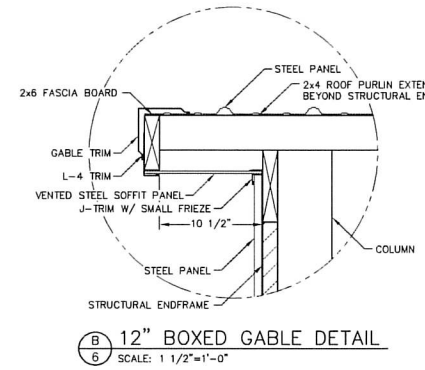
WAINSCOT GIRTS:
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EXTERIOR TREATED GRADEBOARD:
TREATED GRADEBOARD SECURED WITH (4)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.

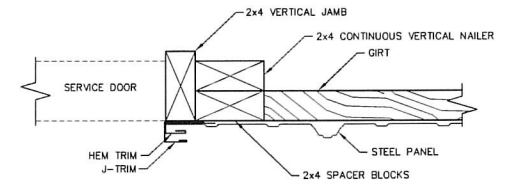
TREATED ANCHOR BLOCKS:
TREATED ANCHOR BLOCKS SECURED TO EACH FACE OF THE COLUMN AT THE BASE WITH (4)-30d RINGSHANK NAILS, EACH BLOCK.



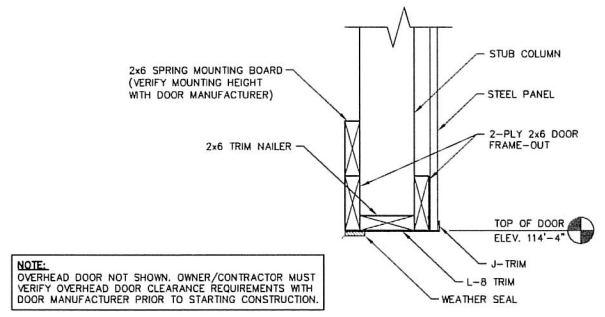
A
6 ENDWALL SECTION
SCALE: 1/2"=1'-0"



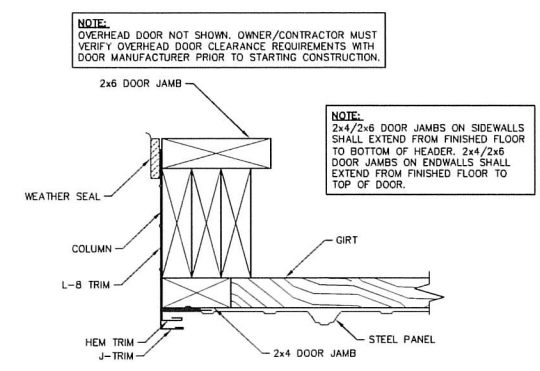
B
6 12" BOXED GABLE DETAIL
SCALE: 1 1/2"=1'-0"



6 SERVICE DOOR JAMB DETAIL
SCALE: 3"=1'-0"



6 ENDWALL OVERHEAD DOOR FRAME-OUT DETAIL
SCALE: 1 1/2"=1'-0"



6 ENDWALL OVERHEAD DOOR JAMB DETAIL
SCALE: 3"=1'-0"



MM
ENGINEERING SERVICES
5311 KANE RD. EAU CLAIRE, WI 54703 (715) 879-2666

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

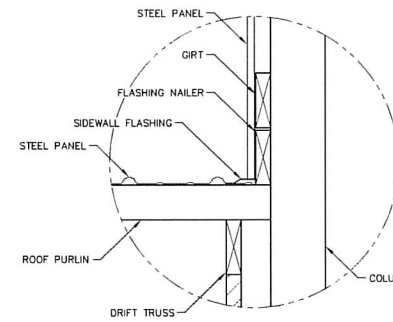
PROJECT TITLE:
HERITAGE MILITARY MUSIC FOUNDATION
WATERTOWN, WI

PROF. ENGINEER: MATT BUSHEE
PLAN DESIGNER: MATT BUSHEE
DRAWN BY: DAS
DATE: 2/6/2025
SCALE: AS NOTED

REVISIONS		
NO	DATE	DESCRIPTION
1		
2		

SHEET TITLE:
ENDWALL SECTION,
SECTION DETAILS AND
OVERHEAD DOOR DETAILS
FILE NAME: S00525WI
SHEET NO.

S6



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

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.

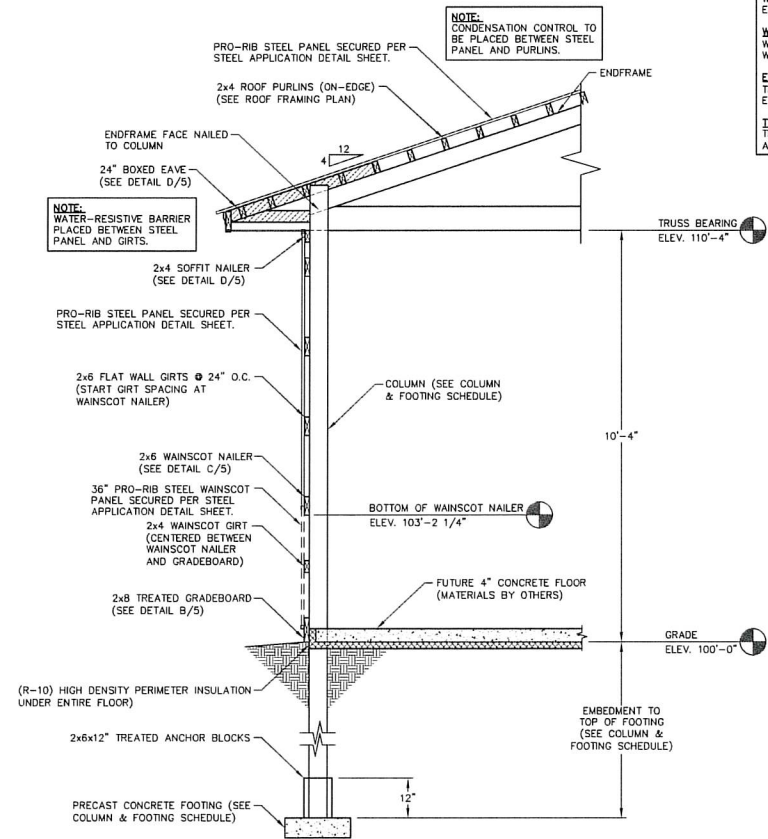
WALL GIRTS:
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WAINSCOT NAILER:
WAINSCOT NAILER SECURED WITH (2)-30d RINGSHANK NAILS AT EACH WAINSCOT NAILER TO COLUMN LOCATION.

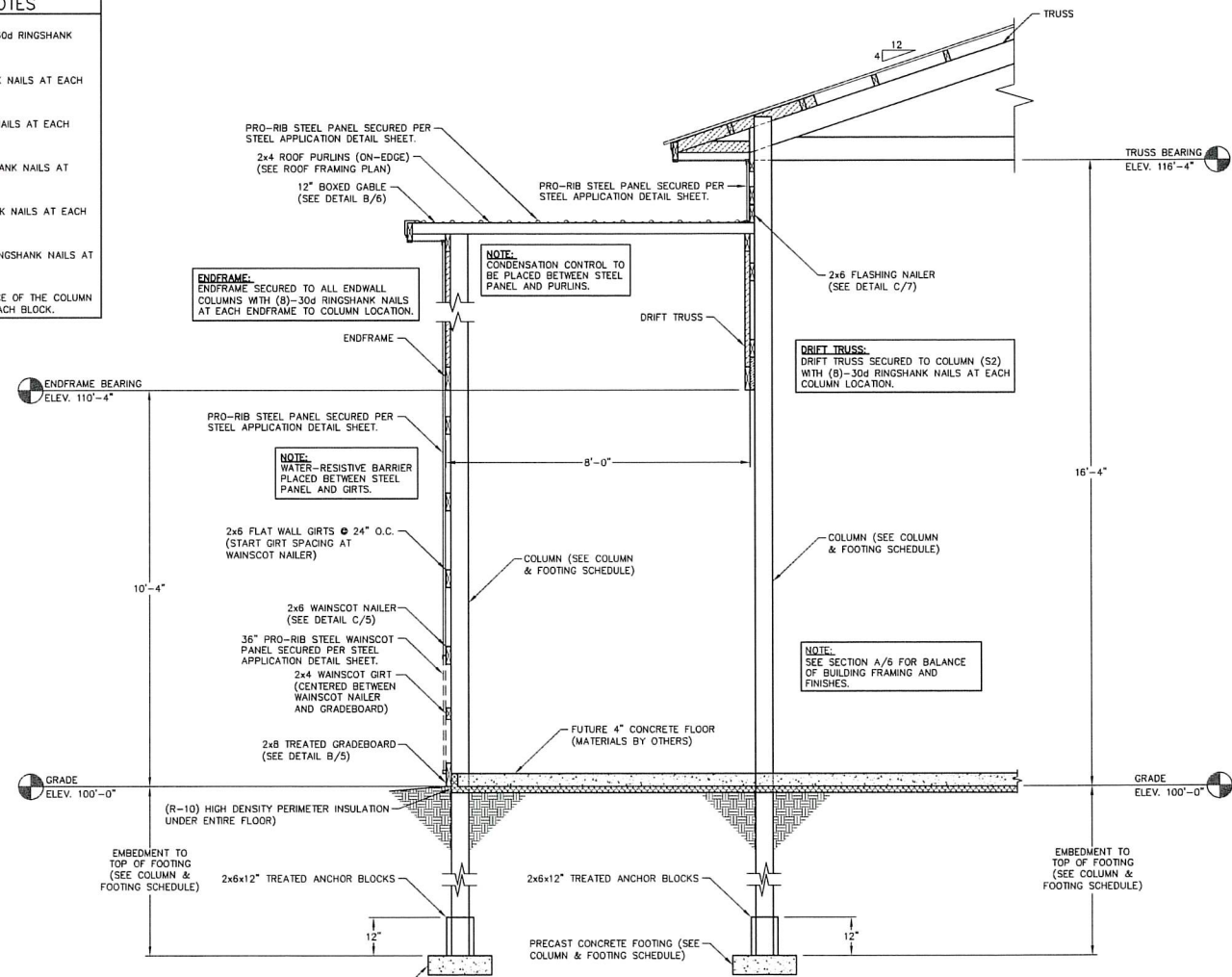
WAINSCOT GIRTS:
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EXTERIOR TREATED GRADEBOARD:
TREATED GRADEBOARD SECURED WITH (4)-30d RINGSHANK NAILS AT EACH GRADEBOARD TO COLUMN LOCATION.

TREATED ANCHOR BLOCKS:
TREATED ANCHOR BLOCKS SECURED TO EACH FACE OF THE COLUMN AT THE BASE WITH (4)-30d RINGSHANK NAILS, EACH BLOCK.



A SIDEWALL SECTION @ ENTRY
SCALE: 1/2"=1'-0"



B ENDWALL SECTION @ ENTRY
SCALE: 1/2"=1'-0"



ENGINEERING SERVICES
800 BANK RD. WAUWATOSA, WI 53095 (715) 979-2555

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

PROJECT TITLE:

HERITAGE MILITARY MUSIC FOUNDATION

WATERTOWN, WI

PROF. ENGINEER: MATT BUSHEE

PLAN DESIGNER: MATT BUSHEE

DRAWN BY: DAS

DATE: 2/6/2025

SCALE: AS NOTED

REVISIONS

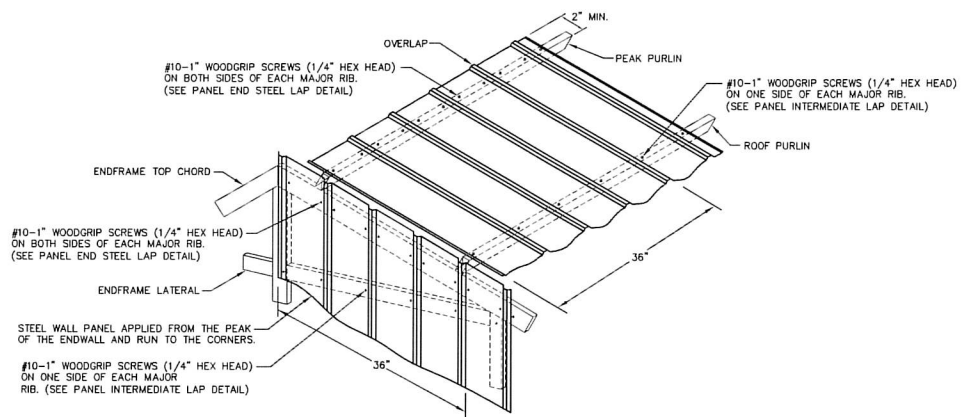
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2			

SHEET TITLE: WALL SECTIONS @ ENTRY AND SECTION DETAILS

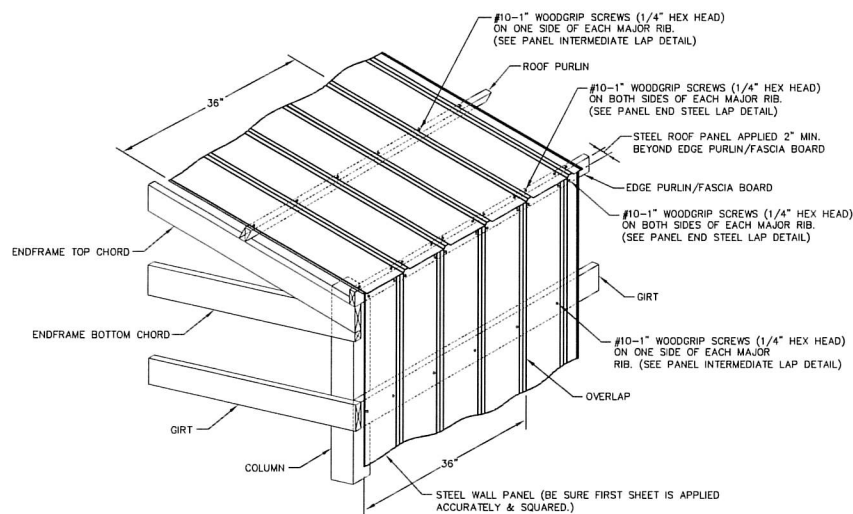
FILE NAME: S00525WI

SHEET NO.

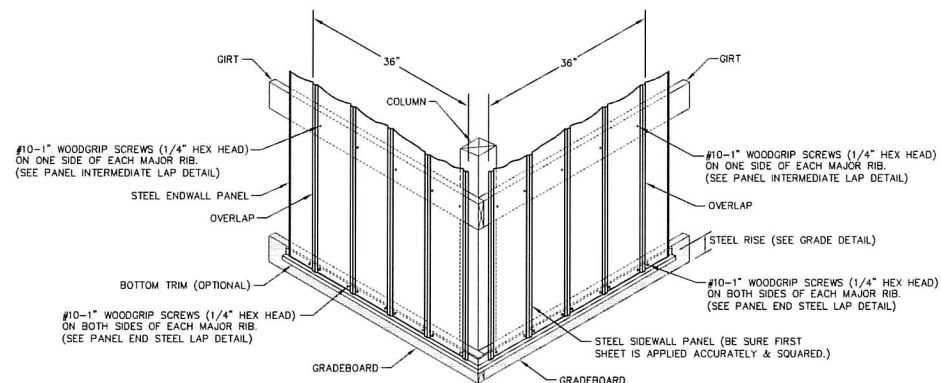
S7



ROOF & ENDWALL STEEL APPLICATION @ GABLE PEAK & INTERMEDIATE



ROOF & SIDEWALL STEEL APPLICATION @ EAVE

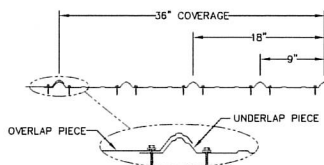


WALL STEEL APPLICATION @ GRADEBOARD

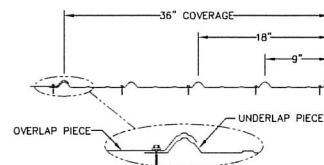
STEEL APPLICATION DETAILS

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

GENERAL NOTES

- PLEASE NOTE:**
- DESIGNER LIABILITY LIMITED TO THE PREPARATION OF THE DRAWINGS WITH THE PARAMETER CONTRACTED AND ASCERTAINING TO CODE COMPLIANCE.
 - 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, & DIMENSIONS BEFORE PROCEEDING WITH ANY PORTION OF ANY WORK.
 - NO CHANGES, MODIFICATIONS, OR DEVIATIONS SHALL BE MADE FROM THESE DRAWINGS OR SPECIFICATIONS WITHOUT FIRST SECURING WRITTEN PERMISSION FROM THE ENGINEER.
 - 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.
 - IMPORTANT! THIS BUILDING IS DESIGNED USING THE ROOF AS A DIAPHRAGM (DEEP TRIM 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.
- SOIL:**
- 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.
 - ALL SOILS BELOW CONCRETE SHALL BE A NON-FROST SUSCEPTIBLE SOIL AS REQUIRED IN ASCE 32.
 - FOOTINGS TO BE ABOVE THE WATER TABLE.
 - ALL FOOTINGS AND SLAB TO BEAR ON UNDISTURBED INORGANIC SOIL OR SOIL COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
 - SOIL DESIGN BASED ON IBC CHAPTER 18 (CHAPTERS 16, 19, 21, 22 AND 23)
 - PRESUMPTIVE SOIL TYPE FROM WEB SOIL SURVEY, USDA AND NRCS: (CLASS OF MATERIAL: SW, SP, SM, AND SC).
 - SOIL CONSISTENCY: MEDIUM
 - A SOIL BEARING PRESSURE AT GRADE ASSUMED AT A MINIMUM 2000 PSF.
- CONCRETE:**
- CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318.
 - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
 - ALL DEFORMED REBAR SHALL MEET A615 GRADE 60 OR BETTER.
- LUMBER:**
- ALL WOOD CONSTRUCTION SHALL BE OF MATERIALS SHOWN AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE NATIONAL FOREST PRODUCTS ASSOCIATION SPECIFICATIONS FOR WOOD CONSTRUCTION.
 - ALL 2x4, 2x6, 2x8 LUMBER SHALL BE #2 SPF OR BETTER UNLESS NOTED OTHERWISE. ALL 2x10 & 2x12 LUMBER SHALL BE AS SPECIFIED ON THE BUILDING PRINT.
 - FOR LUMBER REQUIRED TO BE PROTECTED FROM DECAY AND/OR INSECTS, SEE MOST CURRENT AMPA U1 FOR USE CATEGORIES AND EXPOSURE CONDITIONS.
- STEEL TRIMS:**
- COLOR MATCHED STEEL TRIMS
 - CERAM-A-STAR 1050 PAINT SYSTEM
- FRAMING FASTENERS:**
- ALL FASTENERS SHALL BE AS LISTED BELOW UNLESS OTHERWISE NOTED.
 - ALL FASTENERS SHALL BE EXTERIOR RATED FINISH UNLESS NOTED OTHERWISE.
- PRIMARY FASTENERS (POST FRAME NAILS):**
- 16d RINGSHANK NAILS (145°)
 - 30d RINGSHANK NAILS (177°)
 - 60d RINGSHANK NAILS (200°)
- SECONDARY FASTENERS (POST FRAME NAILS):**
- 10d RINGSHANK NAILS (135°)
 - 16d RINGSHANK NAILS (145°)
 - 30d RINGSHANK NAILS (177°)
- ALL MITEX PRODUCTS, I.E. JOIST HANGERS, TRUSS TIES, FRAMING ANGLES, ETC., SHALL BE SECURED PER MANUFACTURER'S SPECIFICATIONS UNLESS NOTED OTHERWISE.
- PANEL FASTENERS:**
- COLOR MATCHED GALVANIZED WOODGRIP SCREWS, #10 DIAMETER, 1/4" HEX HEAD.
- HANDLING AND STORING:**
- ALL STEEL PANELS AND TRUSS PRODUCTS SHOULD BE HANDLED AND STORED PER MANUFACTURER SPECIFICATIONS.
- GRADE:**
- ALL FINISHED GRADES TO SLOPE AWAY FROM BUILDING AT A MIN. 5% GRADE FOR PROPER DRAINAGE (2% FOR PERVIOUS SURFACES) (IBC 1804).
- CONSTRUCTION BRACING:**
- 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).
- HVAC:**
- HEATING, VENTING, AND AIR CONDITIONING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWINGS AND SHOULD BE APPROVED BY LOCAL OFFICIALS.
- PLUMBING:**
- PLUMBING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWINGS AND SHOULD BE INSTALLED IN ACCORDANCE WITH REQUIRED BUILDING CODES.
- ELECTRICAL:**
- ELECTRICAL REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWINGS AND SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY LOCAL CODES.
- EXIT LIGHTS:**
- 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.
- ACCESSIBLE PARKING:**
- SHALL COMPLY WITH ICC/ANSI A117.1 CHAPTER 5.
- ACCESSIBLE ROUTE:**
- SHALL COMPLY WITH ICC/ANSI A117.1 CHAPTER 4.
- ACCESSIBLE DOOR HARDWARE:**
- 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".
- FIRE EXTINGUISHERS:**
- SHALL BE INSTALLED, PROVIDED, AND MAINTAINED AS SPECIFIED IN NFPA NO. 10 (BY OTHERS).



ENGINEERING SERVICES

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PROJECT TITLE:

HERITAGE MILITARY MUSIC FOUNDATION

WATERTOWN, WI

PROF. ENGINEER: MATT BUSHÉE

PLAN DESIGNER: MATT BUSHÉE

DRAWN BY: DAS

DATE: 2/6/2025

SCALE: AS NOTED

REVISIONS

NO	DATE	DESCRIPTION	BY
1			
2			

SHEET TITLE:
STEEL APPLICATION DETAILS AND GENERAL NOTES

FILE NAME: S00525WI

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S8