

DRAWING NOTES

DESIGN CODE: 2018 IBC.
 USE GROUP: U
 CONSTRUCTION TYPE VB
 DESIGN CATEGORY: RISK CATEGORY I – LOW RISK

SEISMIC CRITERIA:
 DESIGN CATEGORY D
 SOIL SITE CLASS D (ASSUMED)
 R = 2.5 (LIGHT-FRAME WALLS WITH SHEAR PANELS OF ALL OTHER MATERIALS)
 SS= 0.0g, S1= 0.0g; SDS= 0.0g, SD1= 0.0g
 ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
 BASE SHEAR= 000 LBS

WIND LOAD:
 ULTIMATE WIND DESIGN SPEED: 105 MPH 3 SEC. GUST
 (RISK CATEGORY I, 2018 IBC FIGURE 1609.3(4))
 TERRAIN EXPOSURE C

FROST DEPTH: 30 IN
 SITE ELEVATION: 4220 FT

SNOW LOAD:
 GROUND SNOW LOAD: 43 PSF
 ROOF DESIGN SNOW LOAD: 30 PSF

DEAD LOADS:
 ROOF 4 PSF
 WALLS 4 PSF

ROOF LIVE LOAD: 20 PSF

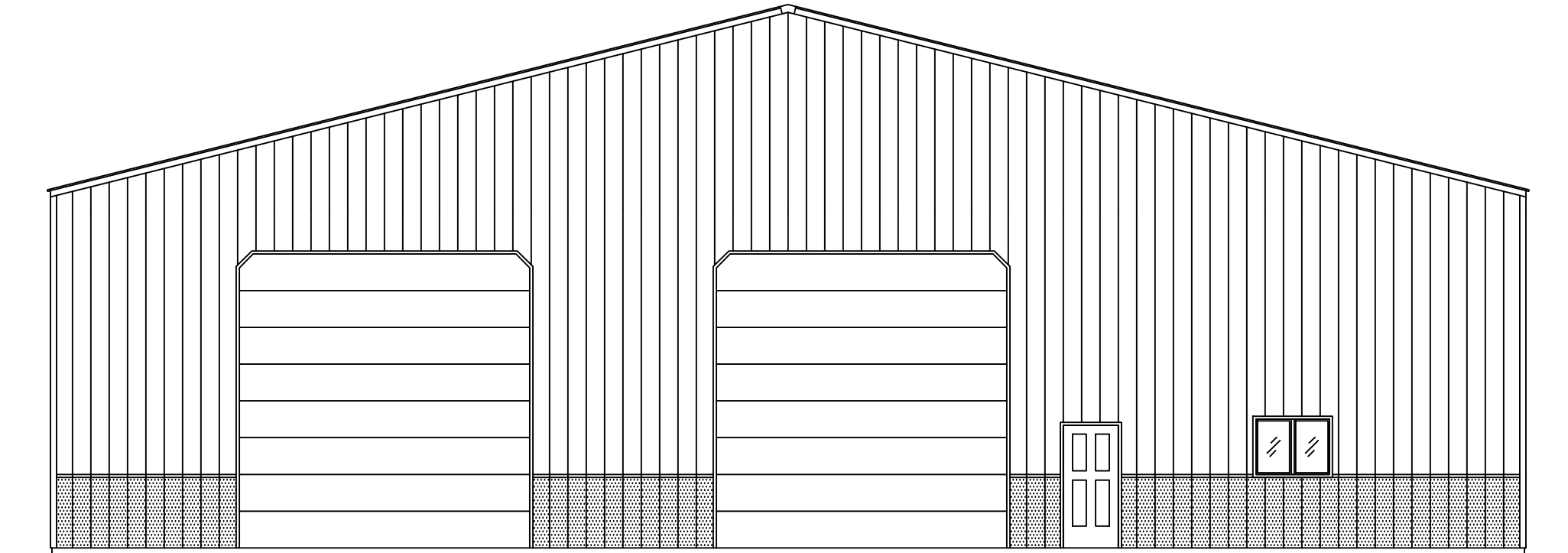
CONCRETE FOUNDATION NOTES:
 1. 28 DAY STRENGTH (F'C) W/ NORMAL 145 PCF DENSITY:
 1.1. FOOTINGS: 3000 PSI
 1.2. SLABS ON GRADE: 3000 PSI REQ'D, 3500 PSI RECOMMEND
 2. ALL SLABS: PROVIDE A MIN. THICKNESS OF 4" W/ 4" DEEP MIN. CRUSHED GRAVEL BASE.
 3. CONTRACTION/CONTROL JOINTS SHALL BE INSTALLED IN SLABS ON GRADE SO THE LENGTH TO WIDTH RATIO OF THE SLAB IS NO MORE THAN 1.5:1. CONTROL JOINT SPACING SHALL NOT EXCEED 30 TIMES THE SLAB THICKNESS IN ANY DIRECTION, UNLESS OTHERWISE NOTED.
 4. CONTROL JOINTS SHALL BE COMPLETED WITHIN 6-18 HOURS OF CONCRETE PLACEMENT.
 5. CONTROL JOINTS SHALL BE TOOLED OR SAWED TO THE GREATER DEPTH OF 1" DEEP OR 1/4 THICKNESS OF CONCRETE SLAB.


SOILS AND EXCAVATION:
 6. NO SOILS REPORT PROVIDED – STABLE SOIL CHARACTERISTICS ASSUMED. ALL DESIGN WAS BASED ON STABLE SOIL CHARACTERISTICS. GEOTECHNICAL HAZARDS FOUND ON OR AROUND THE SITE, INCLUDING EXPANSIVE CLAYS, OR SOILS FOUND AT THE SITE WHILE EXCAVATION OCCURS WHICH DIFFERS FROM THOSE ASSUMED SHOULD BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND ENGINEER.
 7. ALLOWABLE BEARING PRESSURE: 1500 PSF
 8. NATIVE MATERIAL SURROUNDING FOOTING TO BE DISTURBED MINIMALLY DURING EXCAVATION.
 9. FOOTINGS SHALL BE PLACED ENTIRELY IN UNDISTURBED NATIVE SOILS OR STRUCTURAL FILL WHICH IS BEARING ON UNDISTURBED NATIVE SOILS AND IS COMPACTED TO 95% OF THE MODIFIED PROCTOR DENSITY.

GENERAL:
 10. PLEASE REFER TO THE STRUCTURAL CALCULATIONS FOR ALL SPECIFICATIONS AND DESIGN CRITERIA NOT LISTED HERE. WHERE DETAILS ARE NOT SPECIFIED, TYPICAL DETAILS AS SPECIFIED ON PLANS AND ON THE STRUCTURAL DETAILS SHEET SHALL APPLY.
 11. FOR SPECIFICATIONS NOT SHOWN REFER TO THE IBC.

NORTH STAR BUILDINGS

CADEN DAVIS BUILDING



BUILDING INFORMATION	CONTRACTOR	DRAFTING & ENGINEERING	DRAWING INDEX		PRELIMINARY NOT FOR PERMIT
SITE INFORMATION: ADDRESS: 6357 W 1900 N WEST WARREN, UTAH BUILDING INFORMATION: DIMENSIONS: 80' x 100' TOTAL SQUARE FOOTAGE: 8000 S.F.	NORTH STAR BUILDINGS CONTACT: ALAN WALKER ALAN@NORTHSTARBUILDINGS.COM PHONE: 385-254-1086	MOUNTAIN POINT ENGINEERING CONTACT: DEREK LLOYD DEREK@MOUNTAINPOINTENGINEERING.COM PHONE: 801-450-5332 	SHEET	DESCRIPTION	
			00	COVER SHEET	DATE 12/23/2021
			01	FOUNDATION PLAN	
			02	FLOOR PLAN	
			03	ROOF PLAN	
			04	ELEVATIONS	
			05	GIRT PLAN	
			06	PANEL LAYOUT	
			07-09	DETAIL SHEETS	

EAST

PRELIMINARY
NOT FOR PERMIT



ENGINEER STAMP

FOUNDATION PLAN

CADEN DAVIS BUILDING
WEST WARREN, UTAH

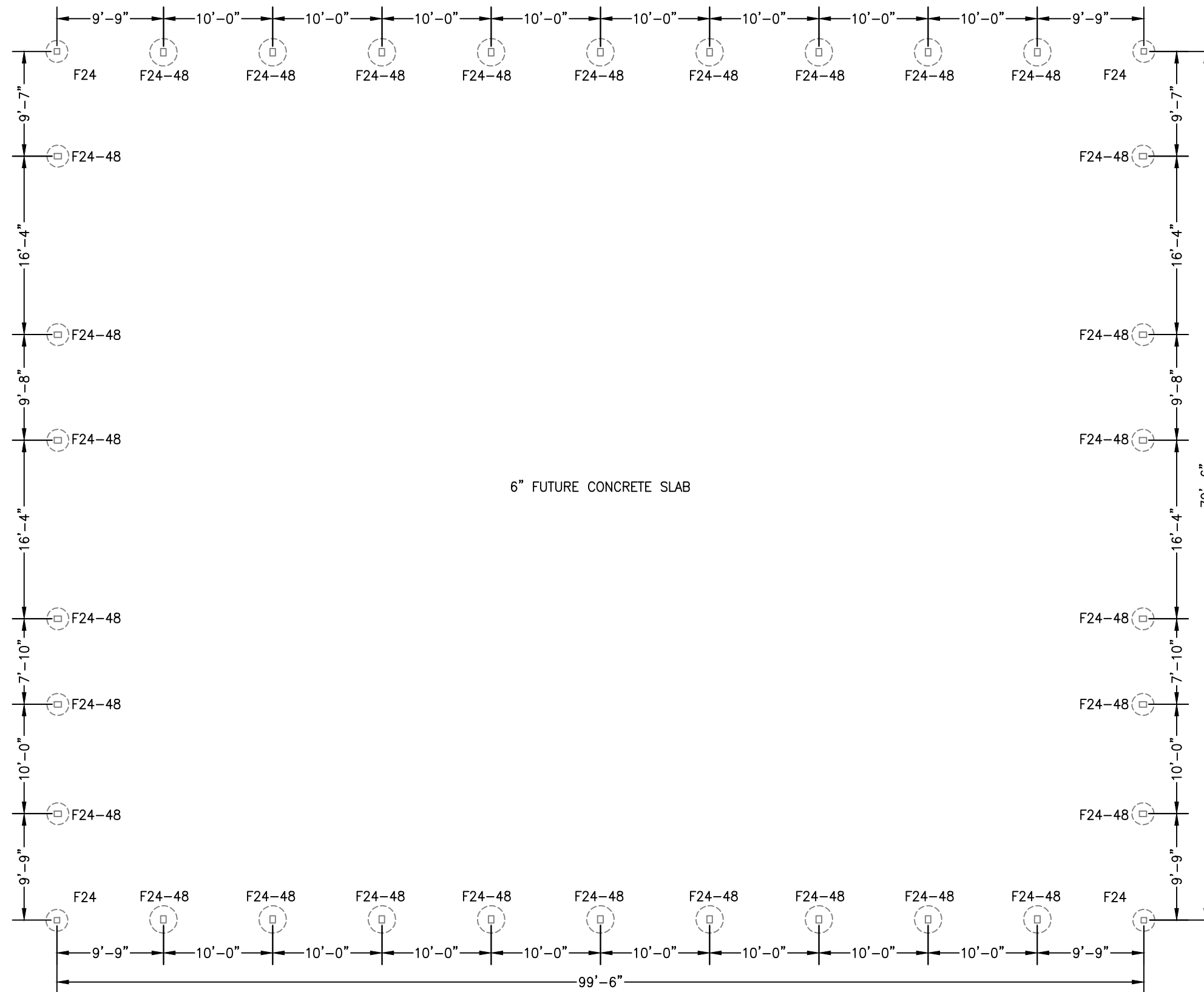
PROJECT
NS49

SCALE
3/32" = 1'-0"

DATE
12/23/2021

SHEET
01

NORTH



WEST

SOUTH

- PIERS:
1. F24: 24" DIA x 36" DEEP CONCRETE PIER
 2. F24-48: 24" DIA x 48" DEEP CONCRETE PIER

PRELIMINARY
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ENGINEER STAMP



FLOOR PLAN

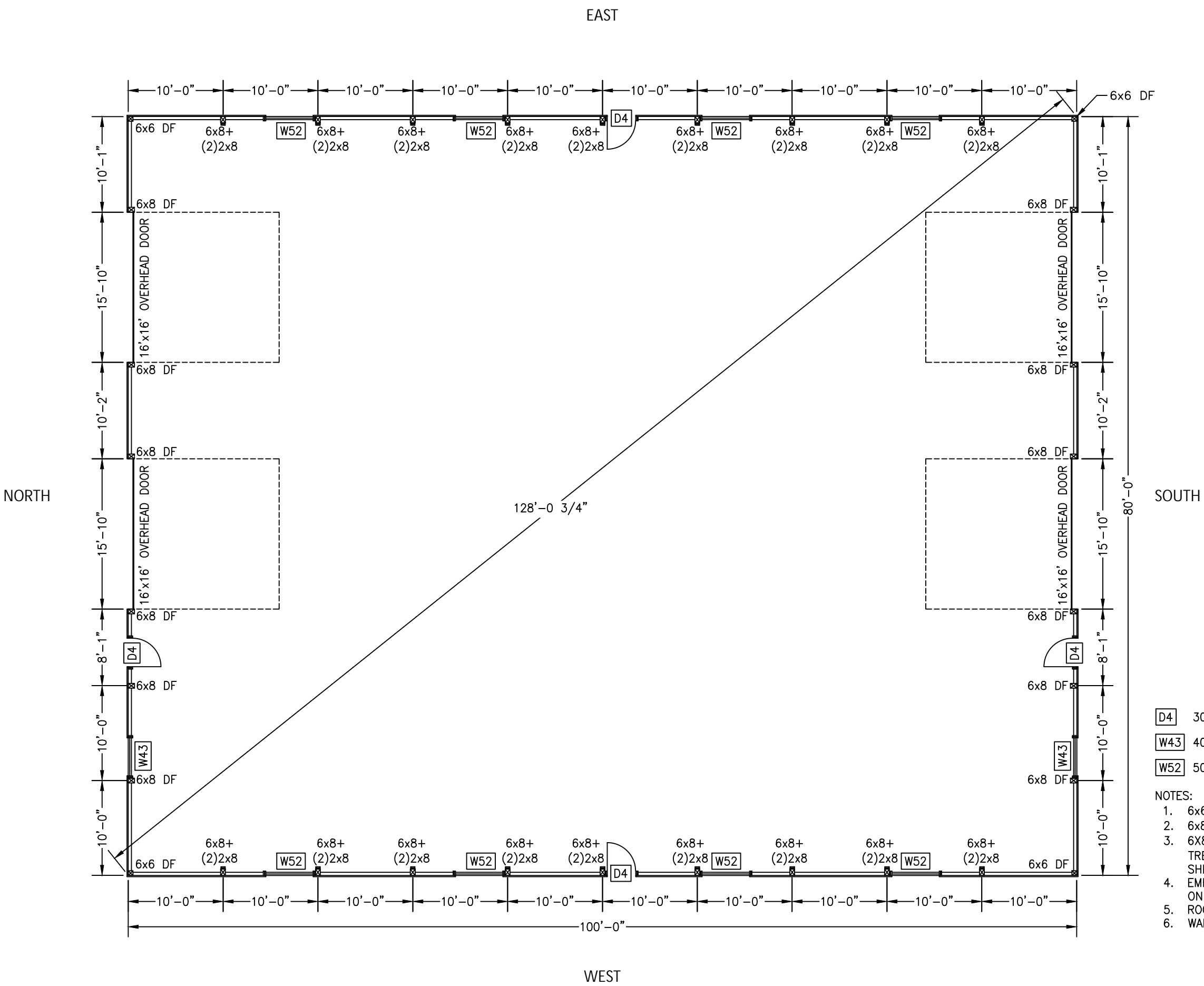
CADEN DAVIS BUILDING
WEST WARREN, UTAH

PROJECT
NS49

SCALE
3/32" = 1'-0"

DATE
12/23/2021

SHEET
02



- D4 3068 DOOR
- W43 4030 WINDOW
- W52 5020 WINDOW

- NOTES:
1. 6x6 DF: 6x6 DF-L #2 TREATED POST.
 2. 6x8 DF: 6x8 DF-L #2 TREATED POST.
 3. 6x8+(2)2x8: 6x8 DF-L #2 TREATED POST WITH TREATED 2x6 DF-L #2 ATTACHED PER DETAIL ON SHEET 17.
 4. EMBED POST INTO CONCRETE PIER. SEE DETAIL ON SHEET 8.
 5. ROOF: 29 GA STEEL PANEL
 6. WALLS: COMMERCIAL GIRTS, 29 GA STEEL PANEL

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ENGINEER STAMP



ROOF PLAN

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3/32" = 1'-0"

DATE
12/23/2021

SHEET
03

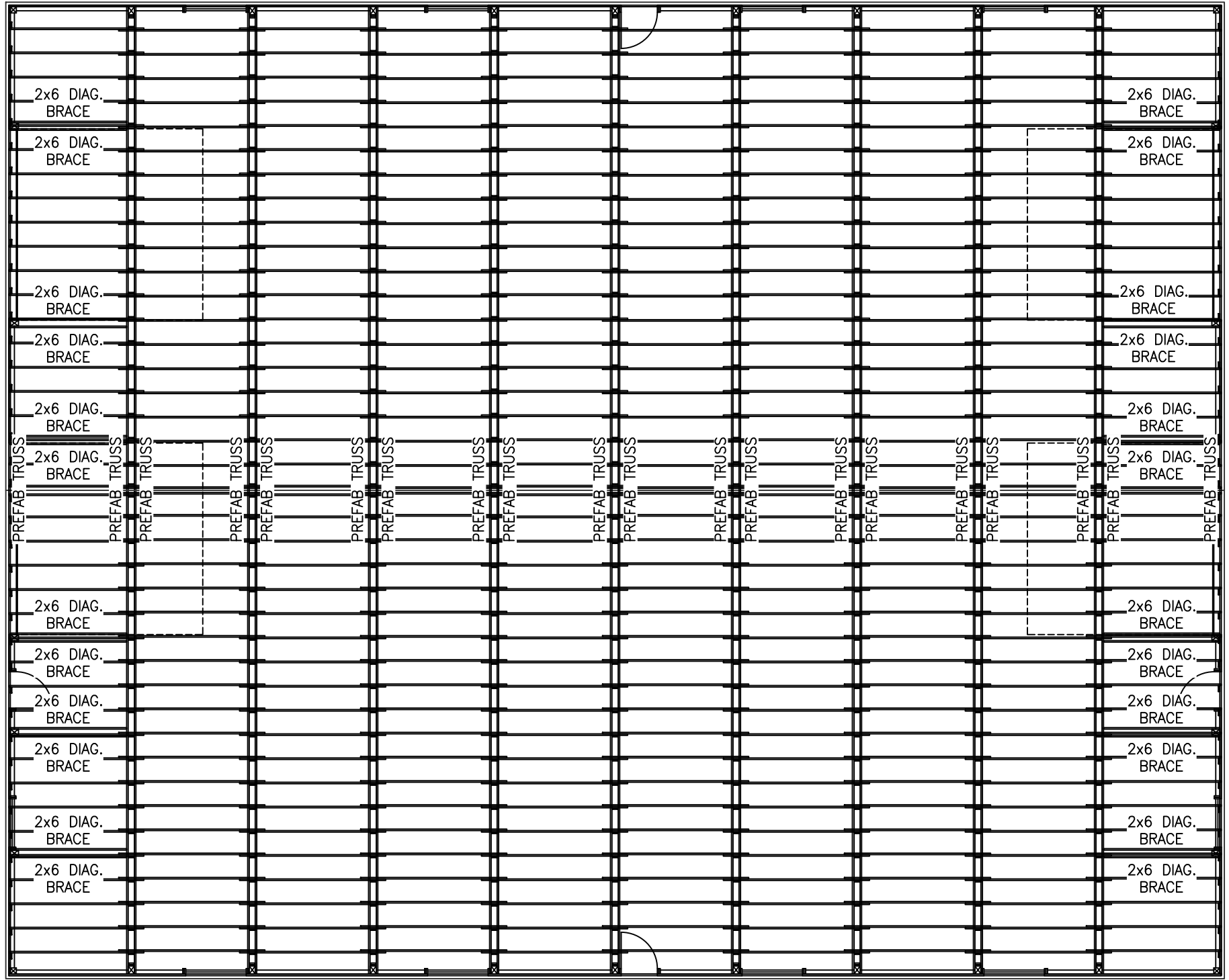
EAST

WEST

NORTH

SOUTH

2X6 DF-L #2 ROOF PURLINS AT 24" ON CENTER
OVERLAPPED 20" MIN (TYP.)
5" MAX FROM RIDGE LINE



- NOTES:
1. TRUSSES WILL BE DEFERRED PER IBC 107.3.4.1 AND WILL BE DESIGNED BY A LICENSED ENGINEER IN THE STATE OF UTAH.
 2. PROVIDE TRUSS BOTTOM CHORD BRACING PER TRUSS MANUFACTURER'S SPECIFICATIONS.

PRELIMINARY
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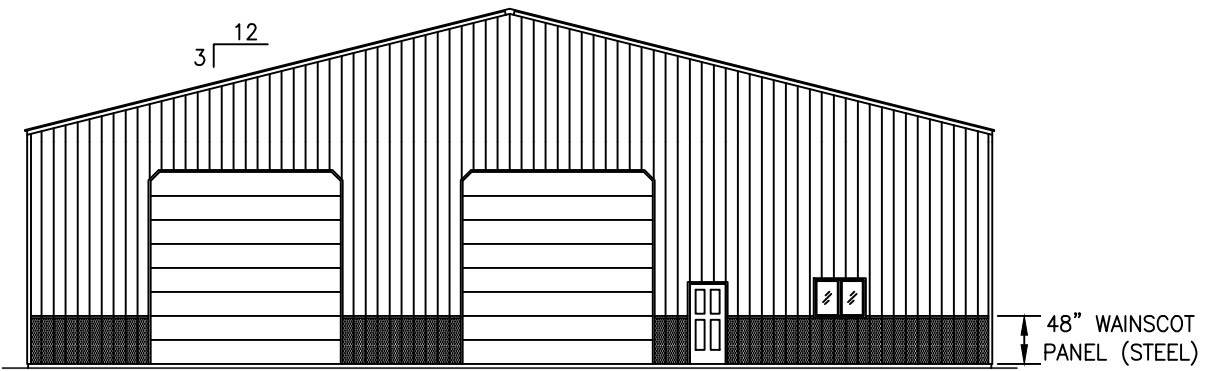
ENGINEER STAMP



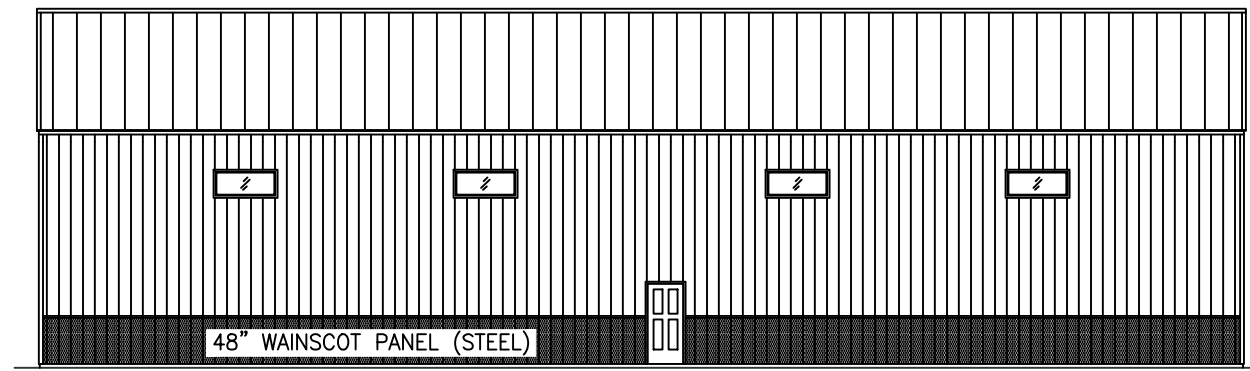
ELEVATIONS

CADEN DAVIS BUILDING
WEST WARREN, UTAH

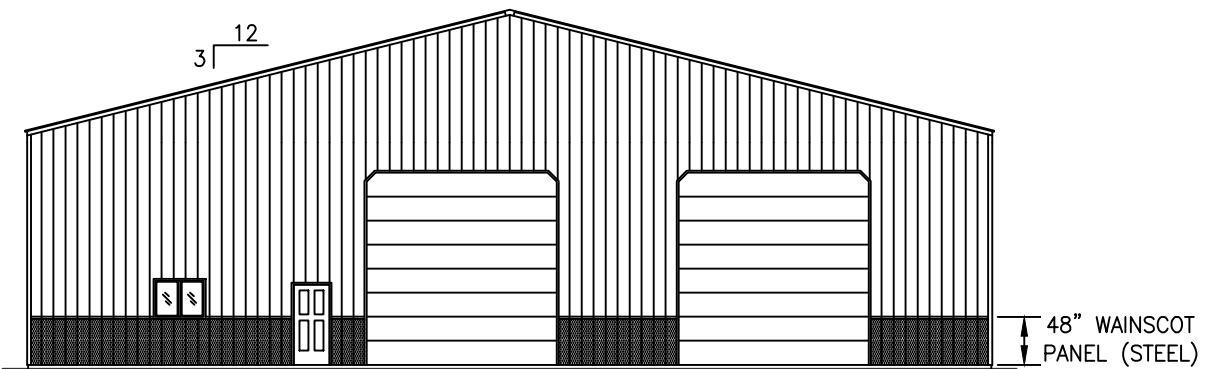
PROJECT
NS49
SCALE
1/16" = 1'-0"
DATE
12/23/2021
SHEET
04



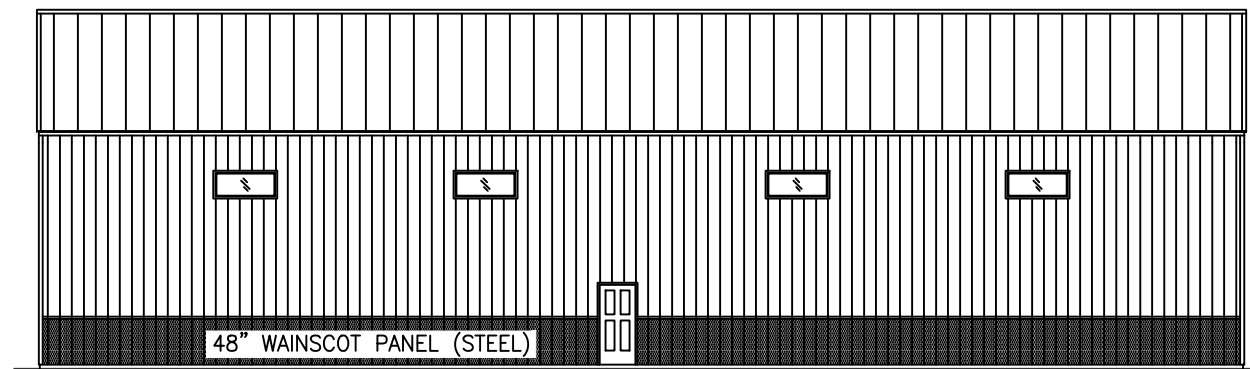
GABLE END ELEVATION - NORTH



SIDE ELEVATION - WEST



GABLE END ELEVATION - SOUTH

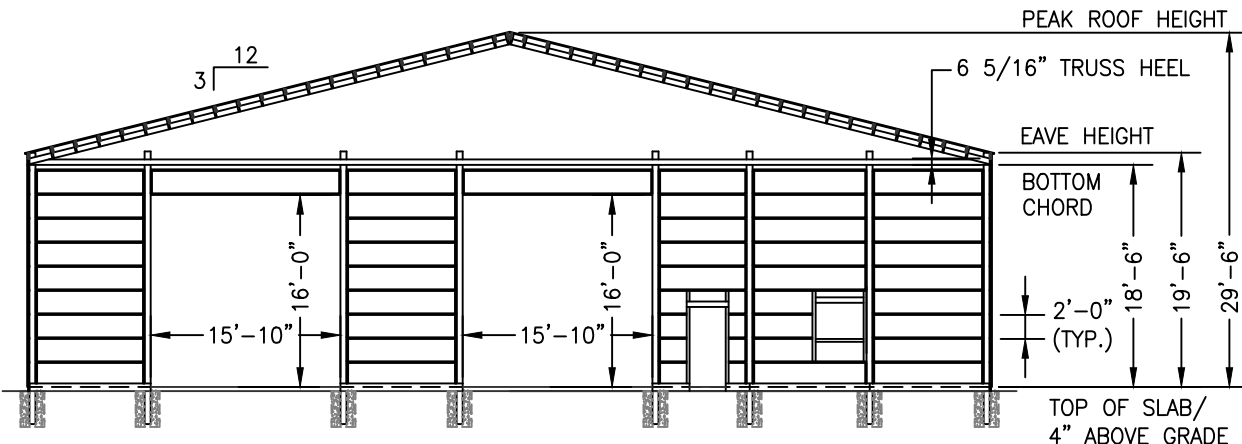
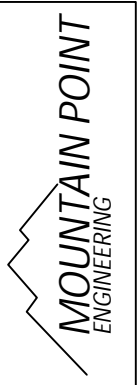


SIDE ELEVATION - EAST

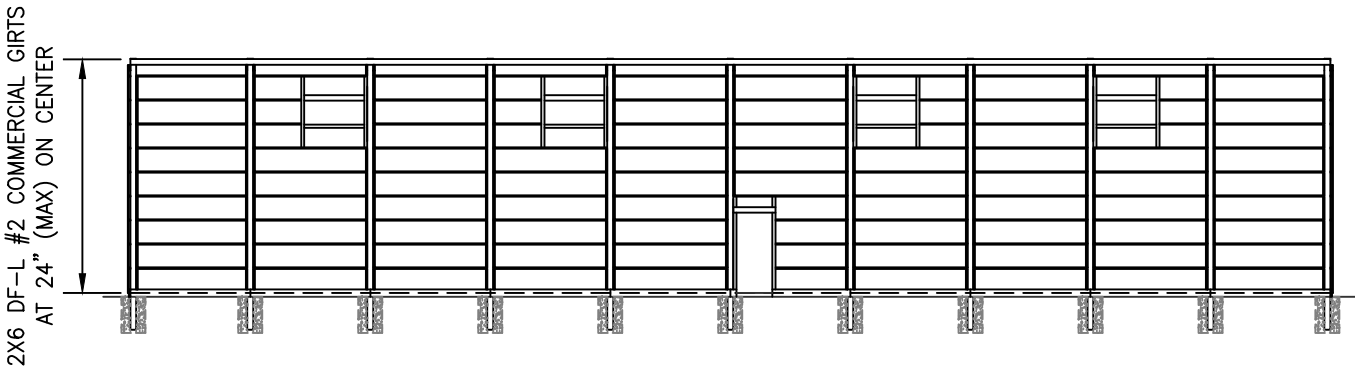
NOTES:
 1. TRUSS HEEL SHOWN AT 6-3/16" ON THESE PLANS. COMPARE PLAN DIMENSIONS WITH TRUSS MANUFACTURER DRAWINGS AND ADJUST PLAN DIMENSIONS (EAVE HEIGHT, PEAK HEIGHT, PANEL LENGTHS, ETC) AS NECESSARY.

**PRELIMINARY
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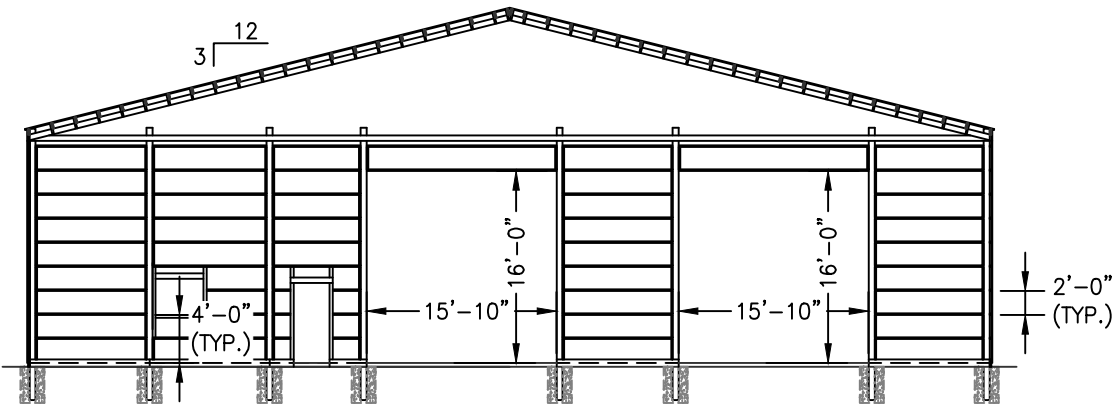
ENGINEER STAMP



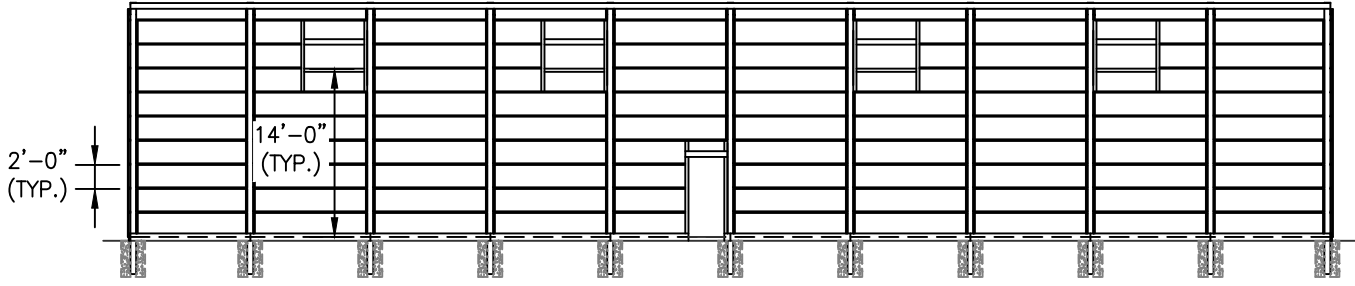
GABLE END GIRT WALL - NORTH



SIDE GIRT WALL - WEST



GABLE END GIRT WALL - SOUTH



SIDE GIRT WALL - EAST

GIRT PLAN

CADEN DAVIS BUILDING
 WEST WARREN, UTAH

PROJECT	NS49
SCALE	1/16" = 1'-0"
DATE	12/23/2021
SHEET	05

PRELIMINARY
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ENGINEER STAMP



PANEL LAYOUT

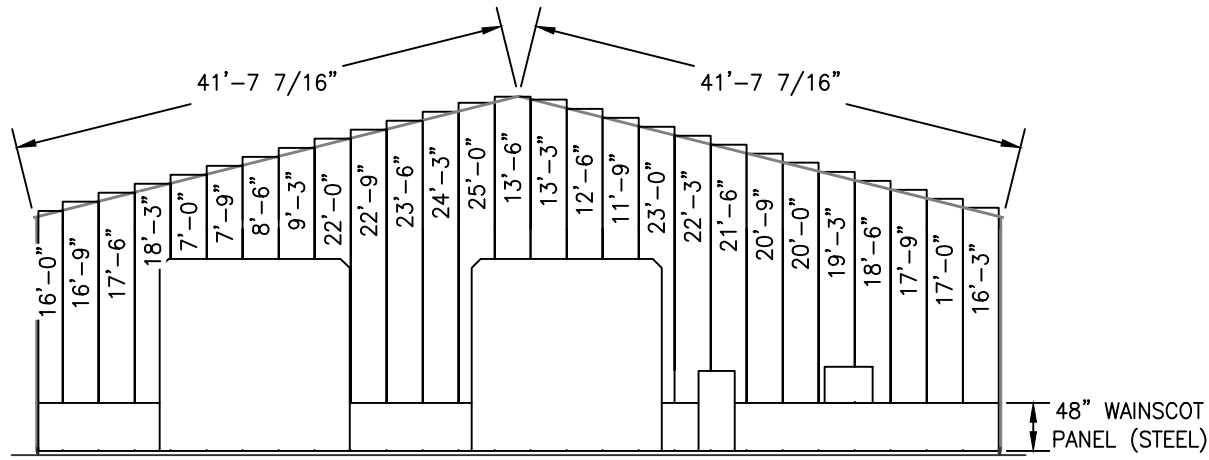
CADEN DAVIS BUILDING
WEST WARREN, UTAH

PROJECT
NS49

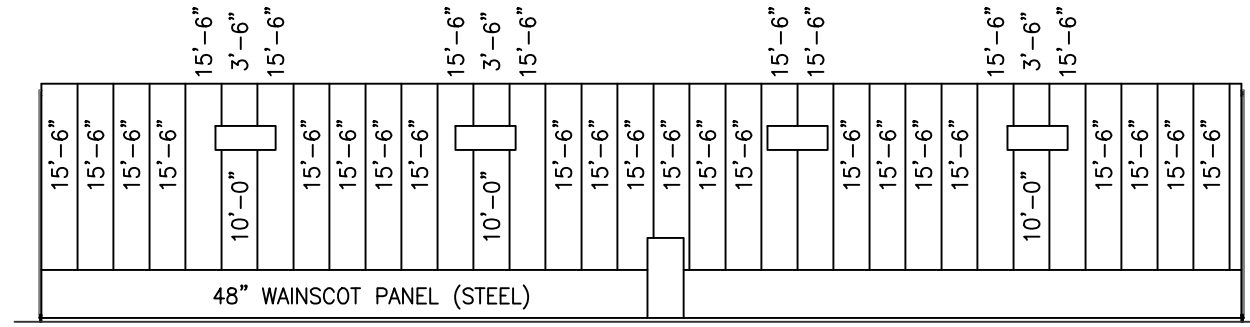
SCALE
1/16" = 1'-0"

DATE
12/23/2021

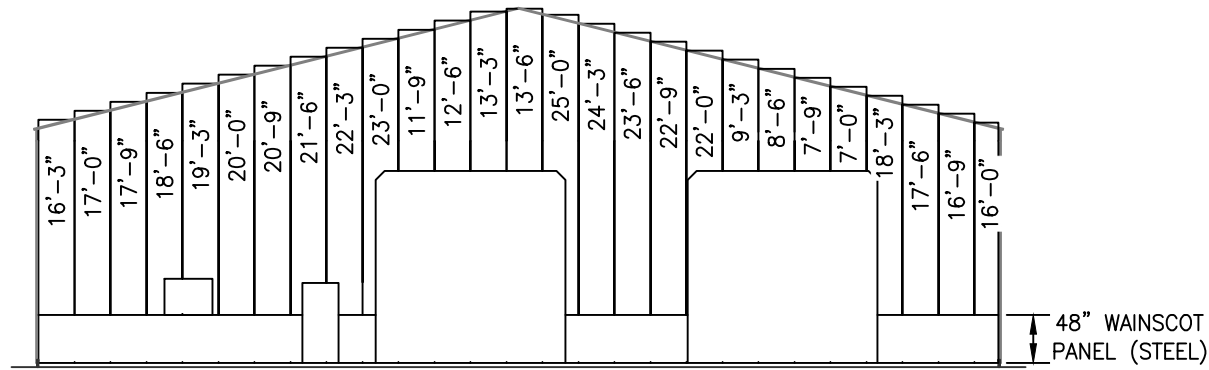
SHEET
06



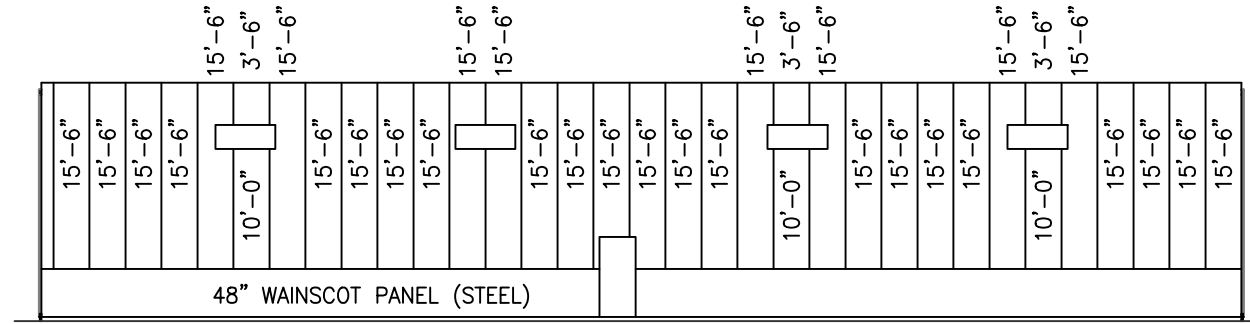
END PANEL LAYOUT - NORTH



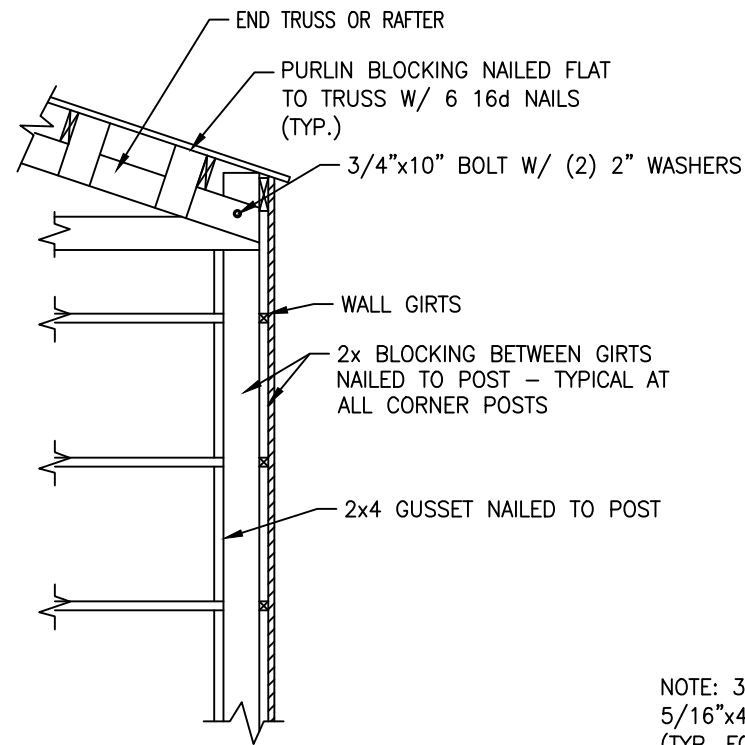
SIDE PANEL LAYOUT - WEST



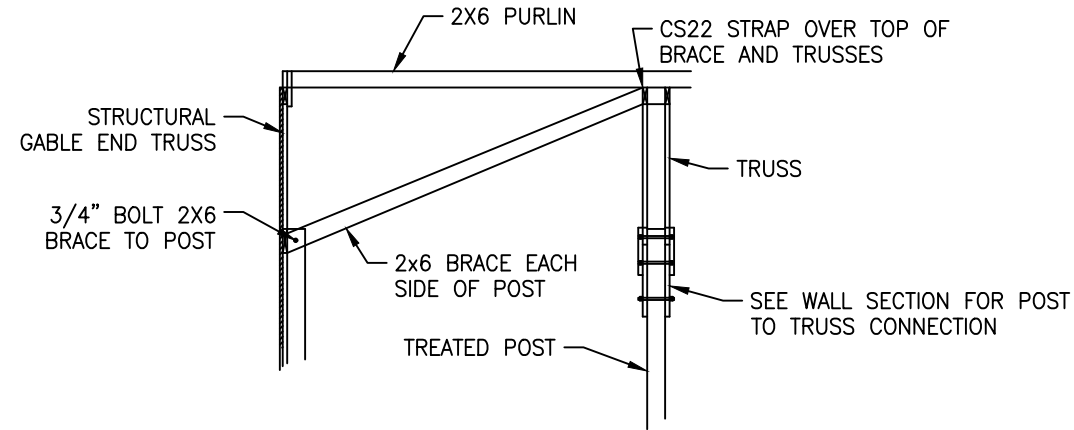
END PANEL LAYOUT - SOUTH



SIDE PANEL LAYOUT - EAST

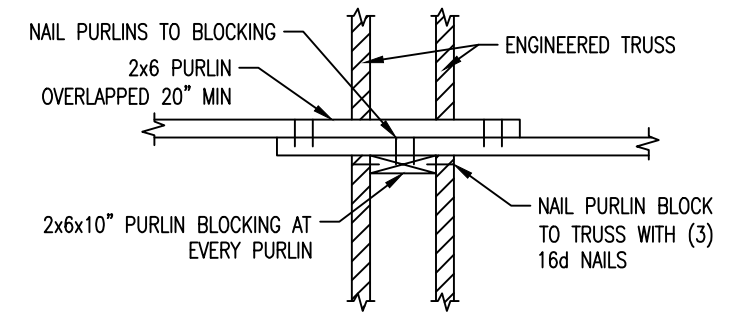


CORNER BLOCKING
NOT TO SCALE

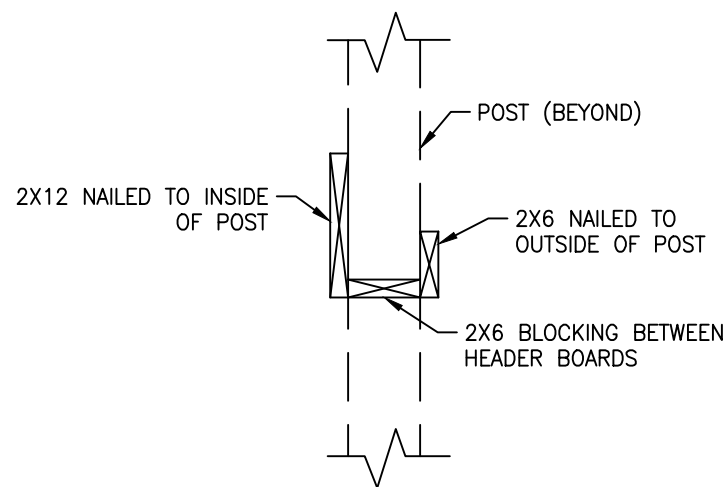


POST TO TRUSS BRACE
NOT TO SCALE

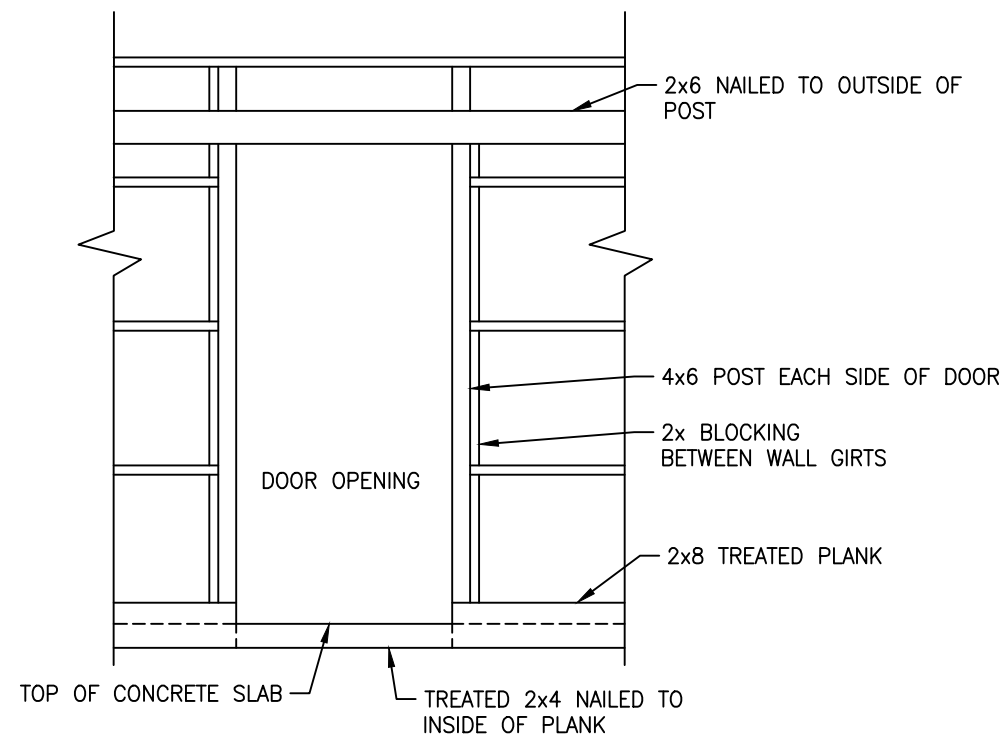
NOTE: 3/4" BOLT ALTERNATIVE: (2)
5/16"x4" POWERLAG FASTENERS
(TYP. FOR CORNER BLOCKING AND
POST TO TRUSS BRACE DETAILS)



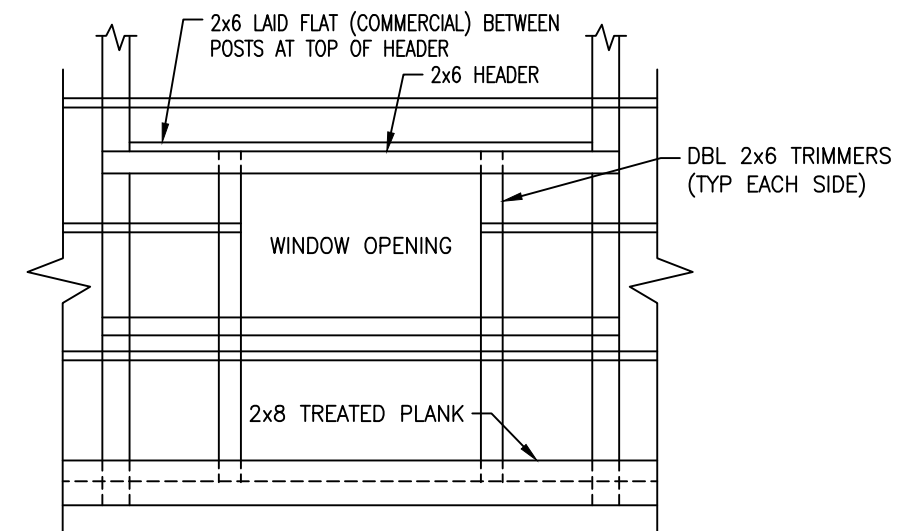
PURLIN CONNECTION
NOT TO SCALE



OVERHEAD DOOR HEADER
NOT TO SCALE



MAN DOOR OPENING
NOT TO SCALE



WINDOW OPENING
NOT TO SCALE

PRELIMINARY
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ENGINEER STAMP

MOUNTAIN POINT
ENGINEERING

DETAIL SHEET

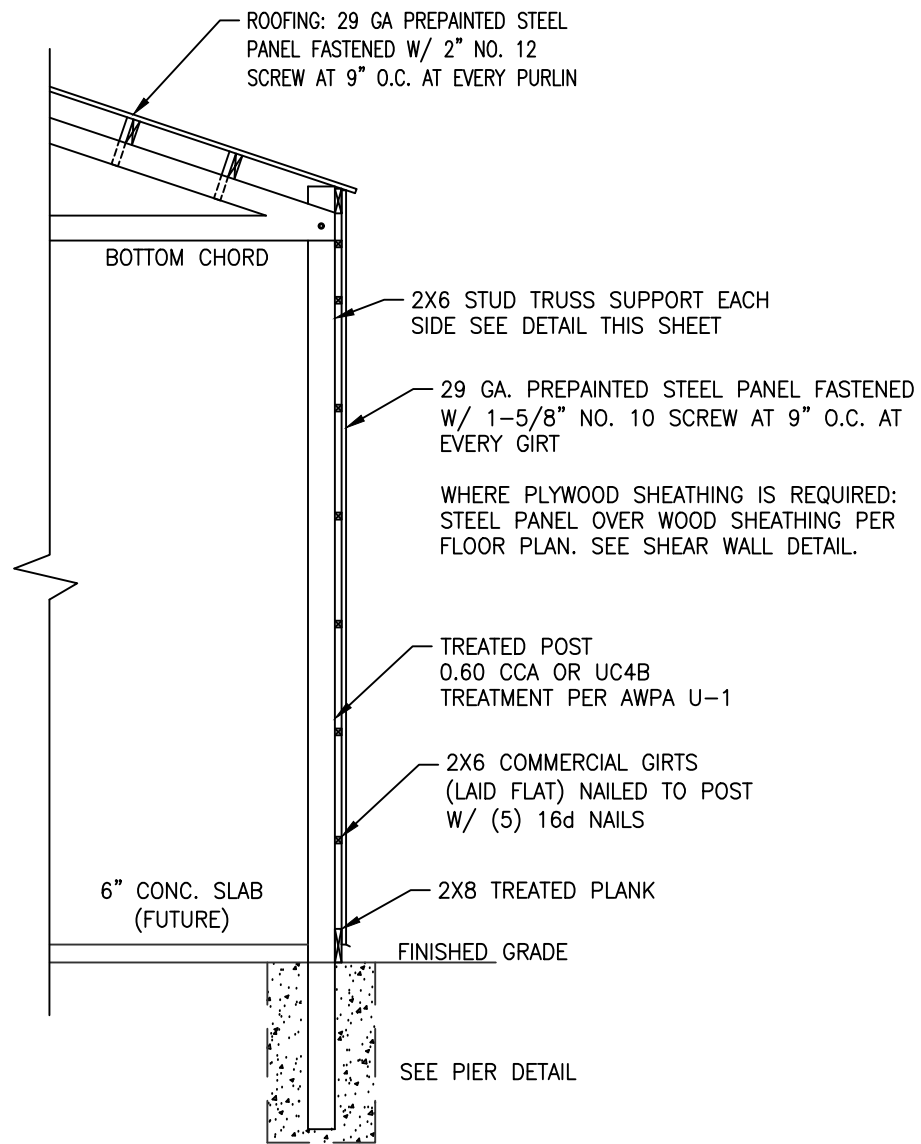
CADEN DAVIS BUILDING
WEST WARREN, UTAH

PROJECT
NS49

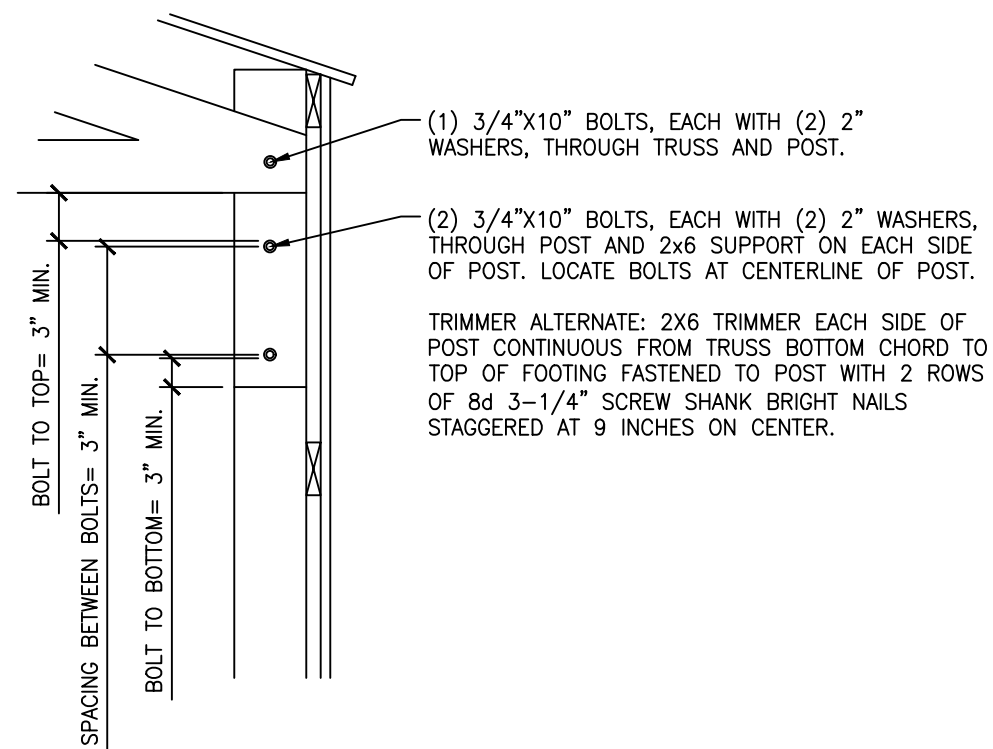
SCALE
AS NOTED

DATE
12/23/2021

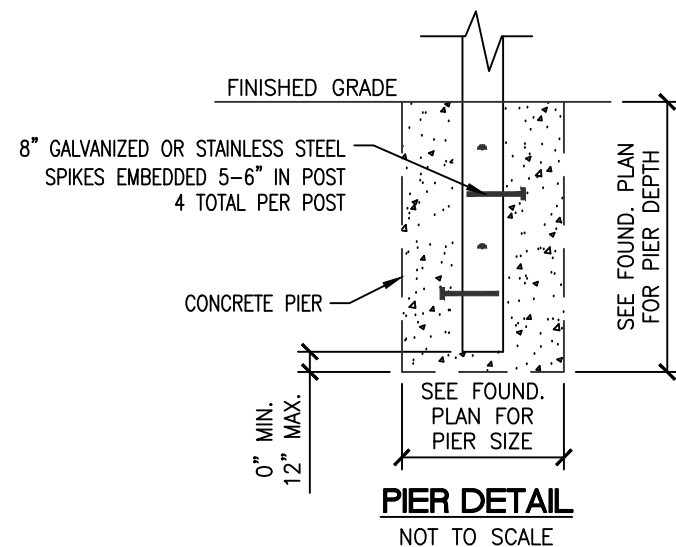
SHEET
07



TYPICAL WALL SECTION
NOT TO SCALE



TRUSS SUPPORT TO POST CONNECTION DETAIL
NOT TO SCALE



PIER DETAIL
NOT TO SCALE

**PRELIMINARY
NOT FOR PERMIT**

ENGINEER STAMP



DETAIL SHEET

CADEN DAVIS BUILDING
WEST WARREN, UTAH

PROJECT
NS49

SCALE
AS NOTED

DATE
12/23/2021

SHEET
08

PRELIMINARY
NOT FOR PERMIT

ENGINEER STAMP

MOUNTAIN POINT
ENGINEERING

DETAIL SHEET

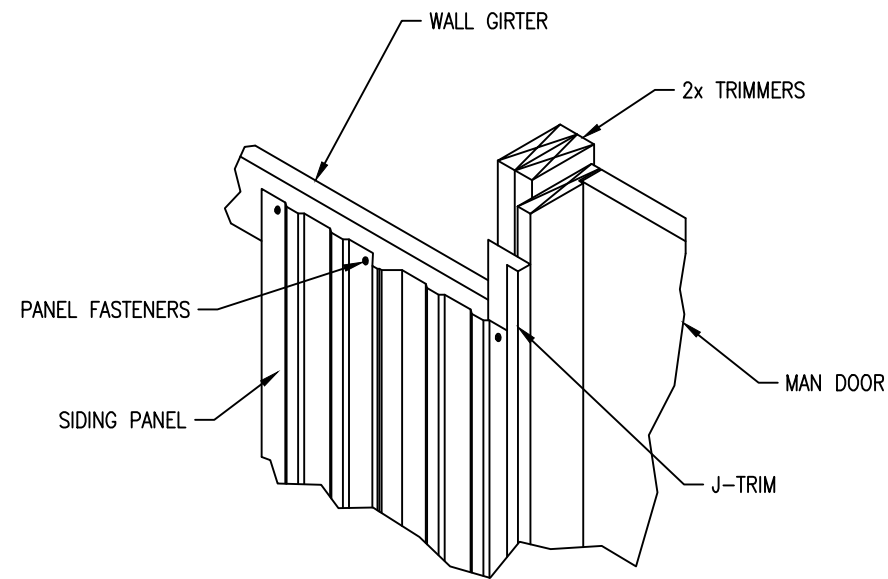
CADEN DAVIS BUILDING
WEST WARREN, UTAH

PROJECT
NS49

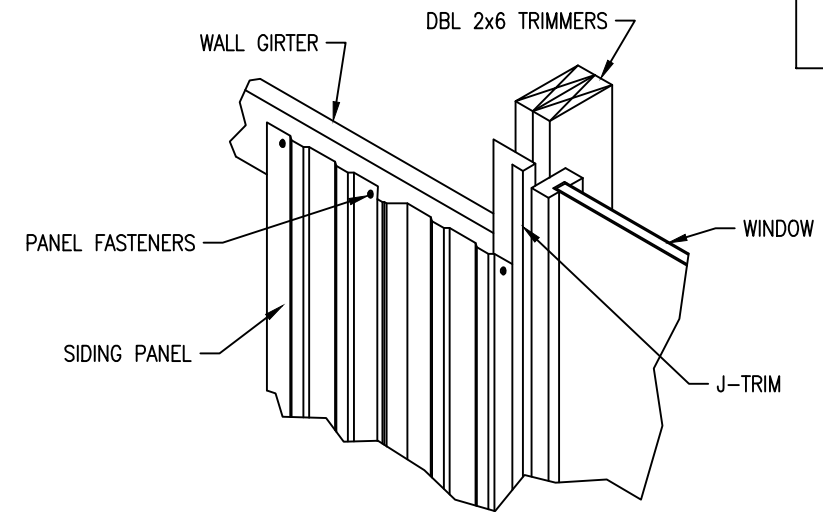
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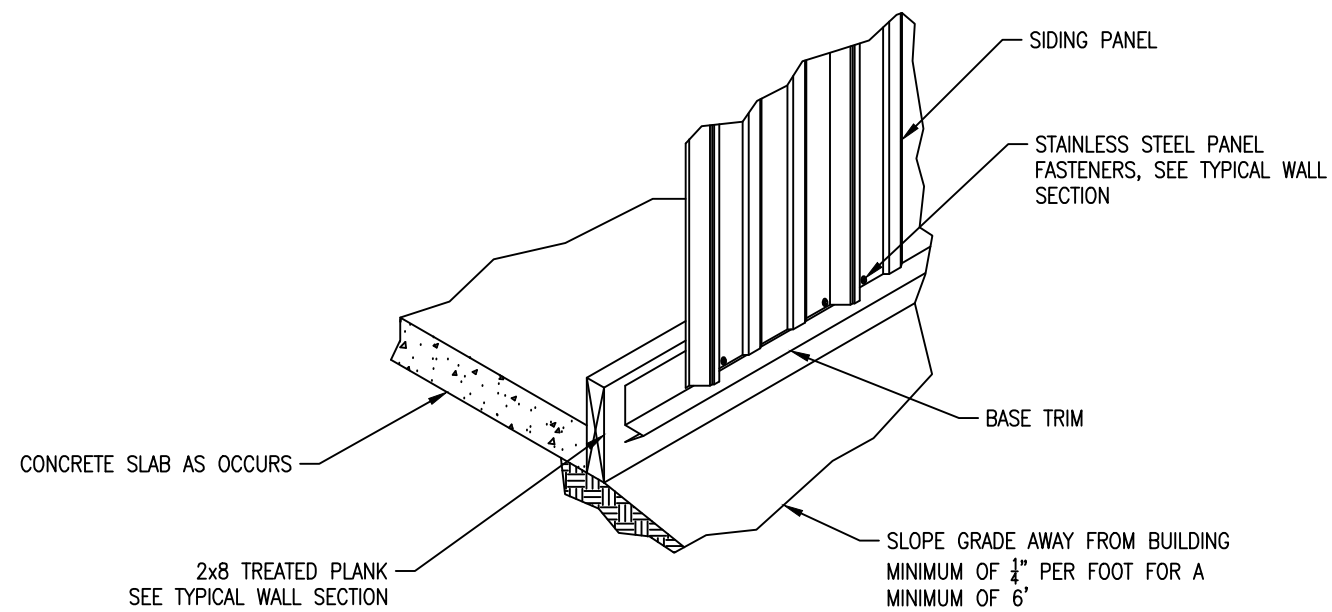
SHEET
09



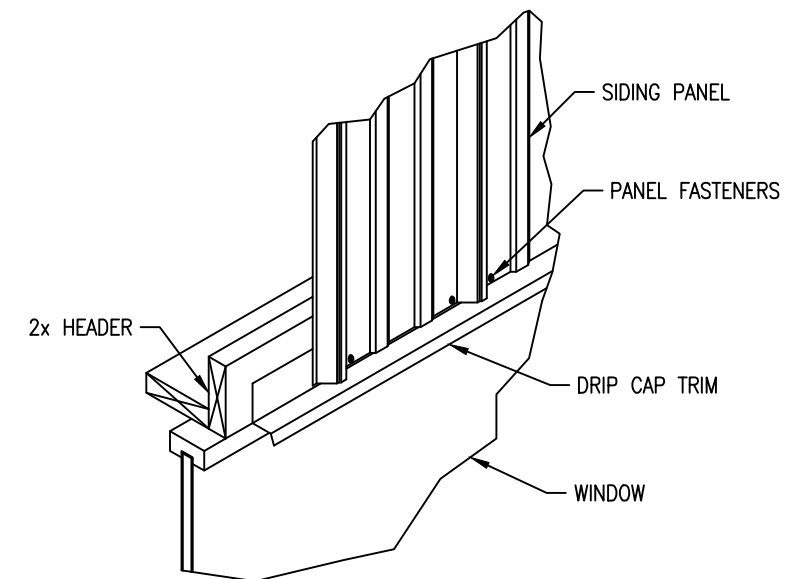
DOOR JAMB FLASHING
NOT TO SCALE



WINDOW JAMB FLASHING
NOT TO SCALE



BASE GUARD FLASHING
NOT TO SCALE



WINDOW / DOOR HEADER FLASHING
NOT TO SCALE