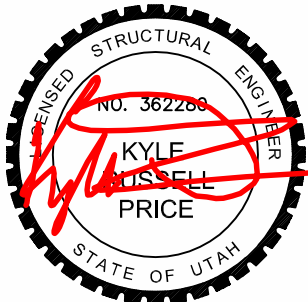
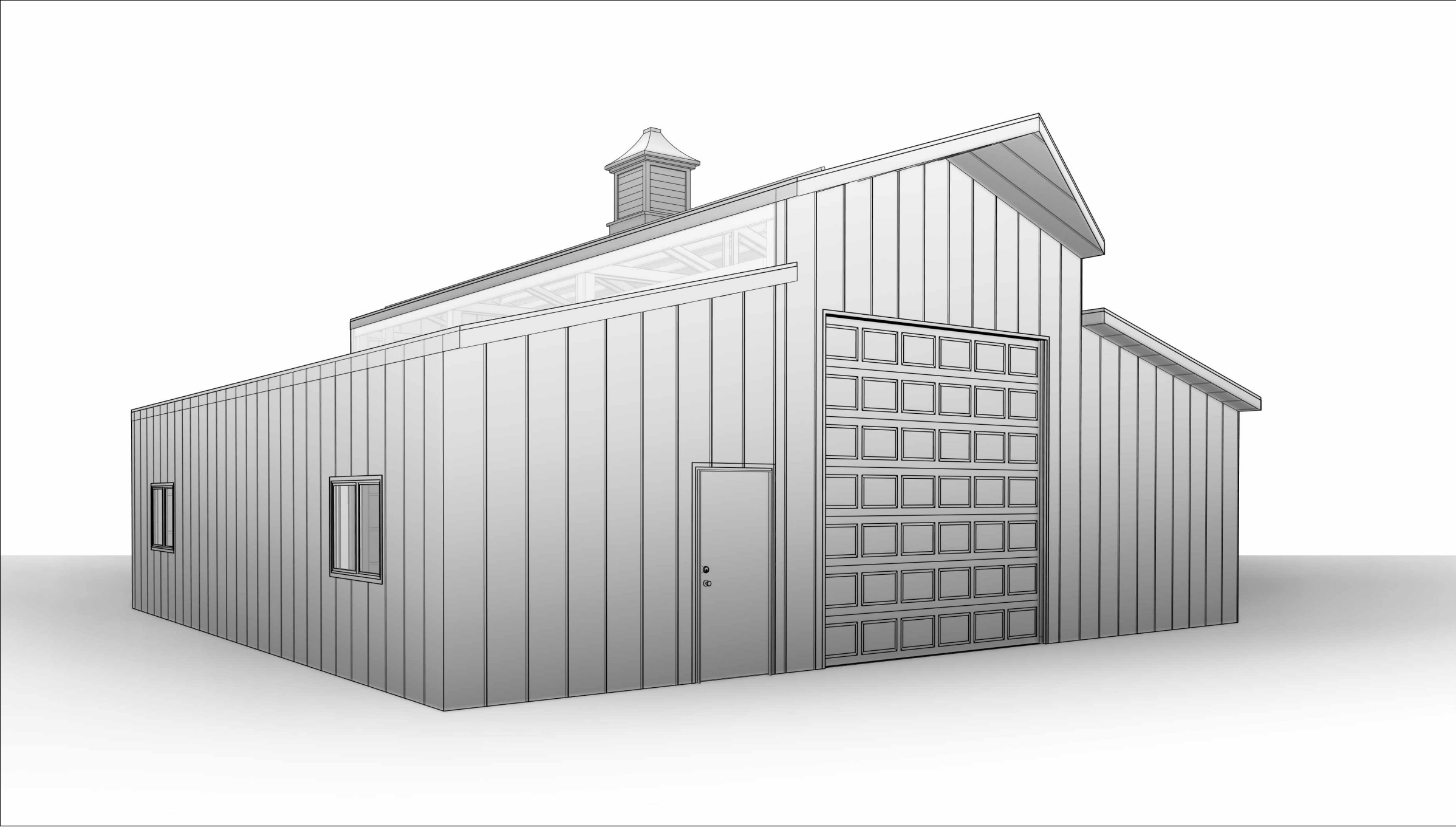


# ROPER BUILDINGS

## GARILYN NELSON BLDG.



09/30/2022

### DRAWING INDEX

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A2	First Floor Plan
A3	Framing Plans
A4	Roof Plan
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A6	Panel Layouts
A7	Details 1
A8	Details 2
A9	Engineering Notes

DATE:  
9/30/2022

ROPER BUILDINGS /  
DMLP RESOURCES  
PHONE: (801) 689-3630

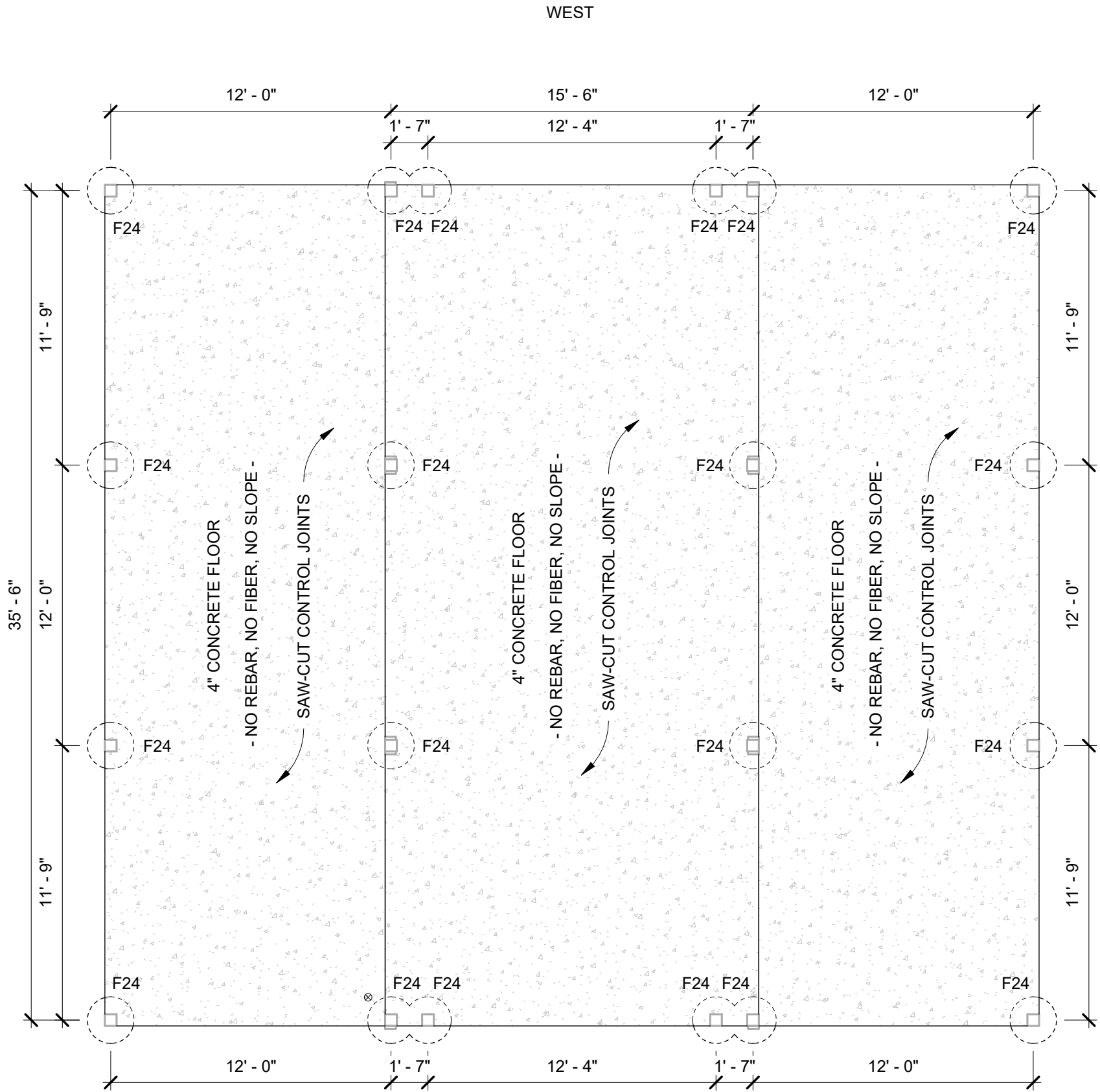
### BUILDING INFORMATION

**BUILDING INFORMATION:**  
DIMENSIONS: 16' x 36' = 576 Sq. Ft.  
LEAN DIMENSIONS: (2) 12' x 36' = 864 Sq. Ft.  
  
TOTAL SQUARE FOOTAGE: 1,440 Sq. Ft.

**SITE INFORMATION:**  
ADDRESS:  
195 S. 3600 W.  
West Weber, UT 84404

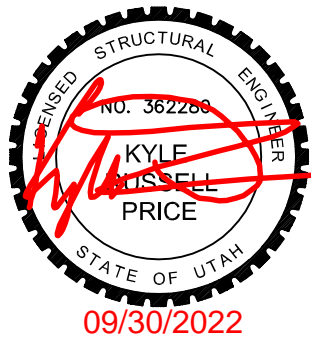
**USAGE:**  
Agricultural

SOUTH



FOUNDATION PLAN  
3/16" = 1'-0"

EAST  
(FRONT OF BUILDING)



09/30/2022

PIERS			
Count	Type	Diameter	Depth
20	F24	24"	30"

NORTH

GARILYN NELSON BLDG.

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West Weber, UT 84404

ROPER BUILDINGS /  
DMLP RESOURCES  
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Date: 9/30/2022  
Scale: 3/16" = 1'-0"  
Drawn by: JDJ  
Job: NELSON  
Sheet Size: B  
17" x 11"  
Foundation Plan

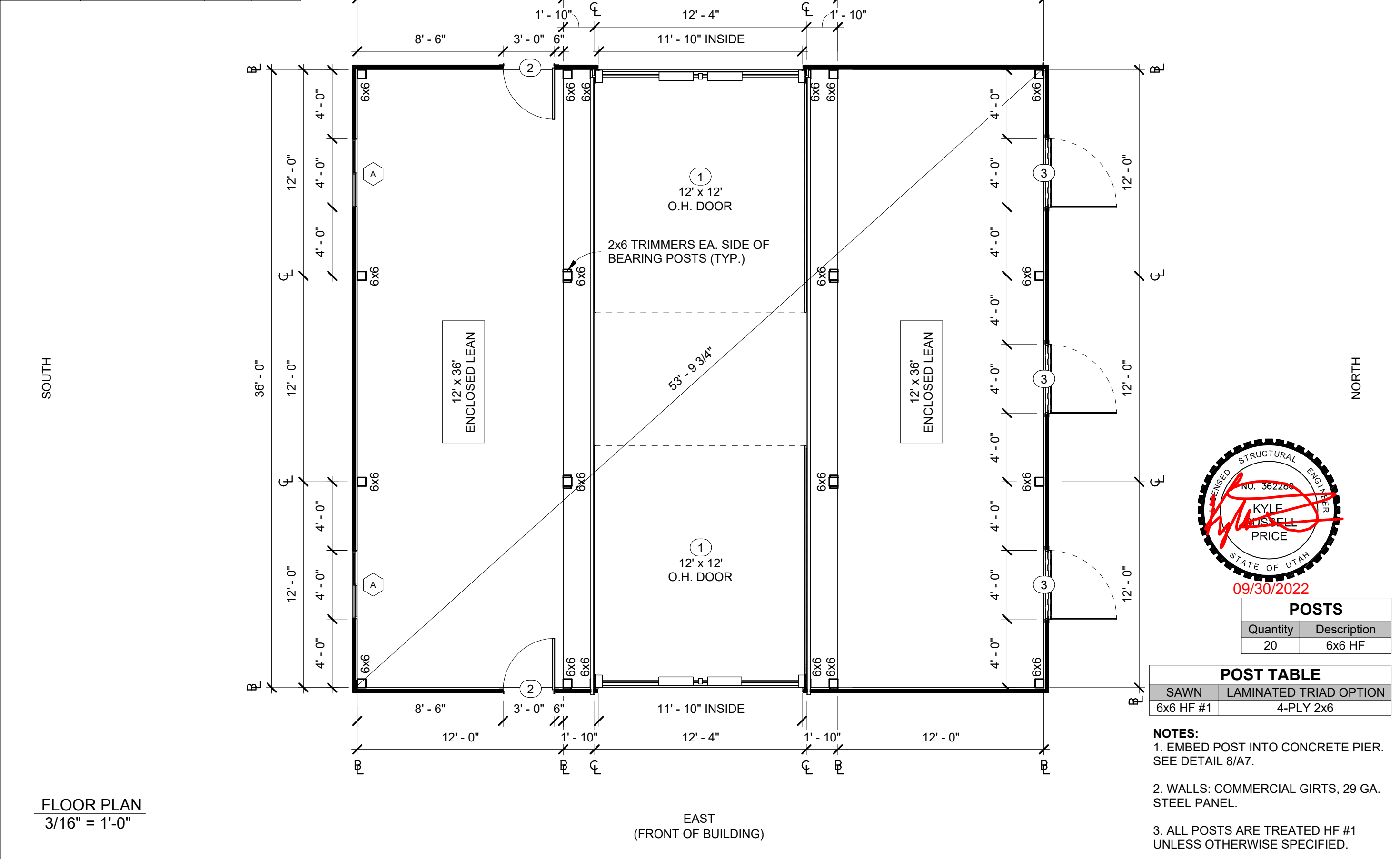
A1

DOORS				
Mark	Count	Type	Width	Height
1	2	O.H.D.	12' - 0"	12' - 0"
2	2	M.D.	3' - 0"	6' - 8"
3	3	DUTCH DOOR FRAME OUT	4' - 0"	8' - 0"

WINDOWS					
Mark	Count	Type	Width	Height	Sill Height
A	2	SLIDER	4' - 0"	3' - 0"	3' - 4"

WEST

INSULATION		
ROOF	WALLS	ROLLS
R7	-	2



**GARILYN NELSON BLDG.**

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Scale: 3/16" = 1'-0"

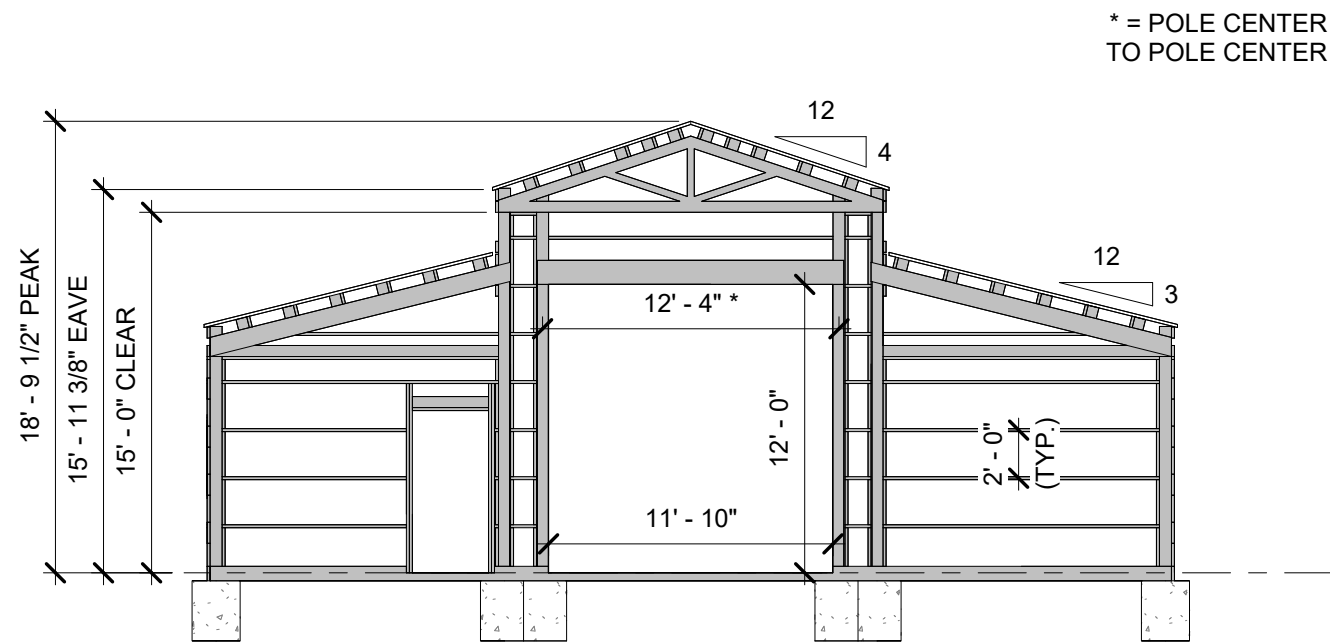
Drawn by: JDJ

Job: NELSON

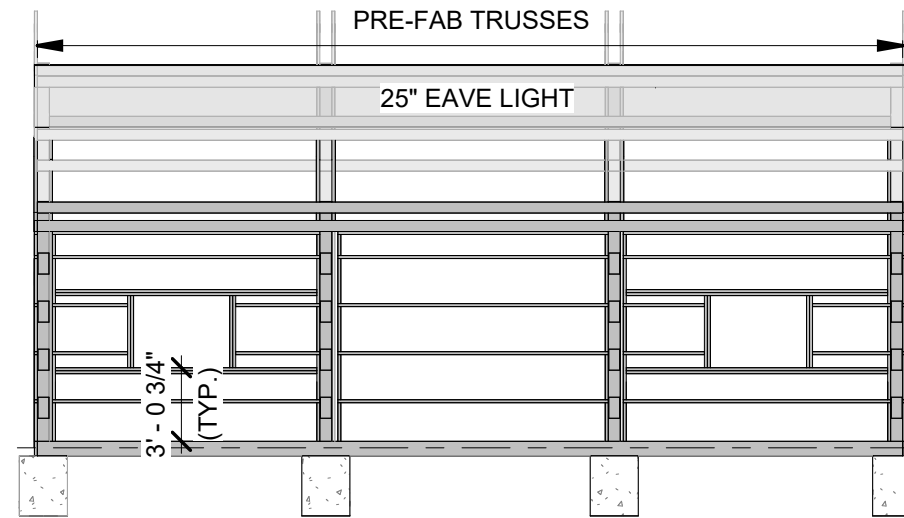
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17" x 11"

First Floor Plan

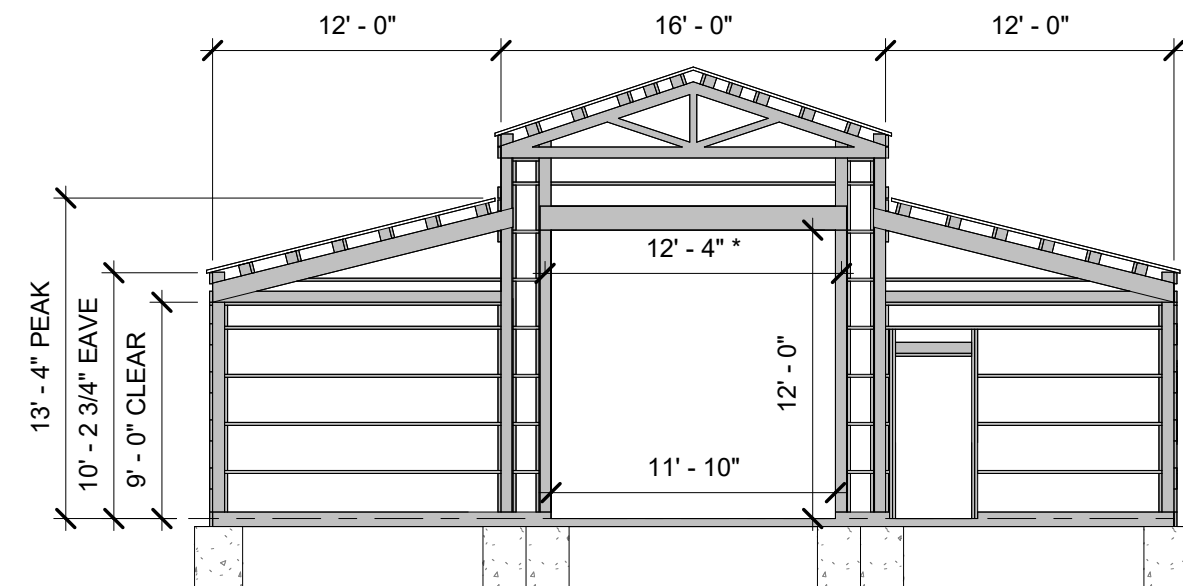
**A2**



1 EAST GIRT  
1/8" = 1'-0"

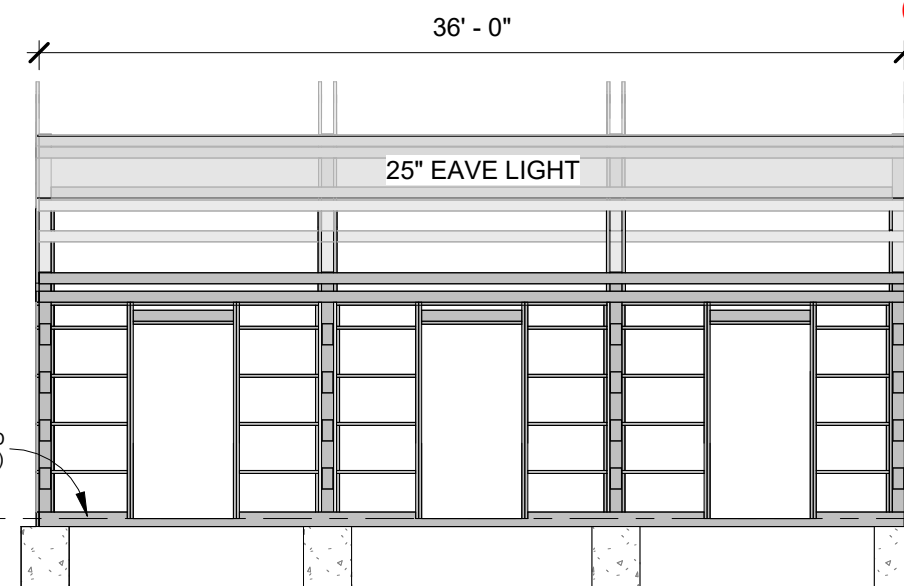


2 SOUTH GIRT  
1/8" = 1'-0"



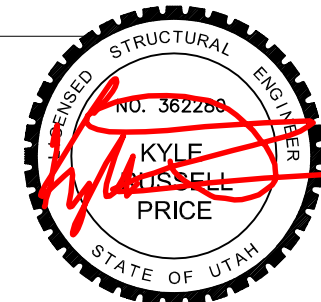
3 WEST GIRT  
1/8" = 1'-0"

T.O. CONCRETE



4 NORTH GIRT  
1/8" = 1'-0"

T.O. CONCRETE



09/30/2022

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GARILYN NELSON BLDG.

195 S. 3600 W.  
West Weber, UT 84404

Date: 9/30/2022

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

Drawn by: JDJ

Job: NELSON

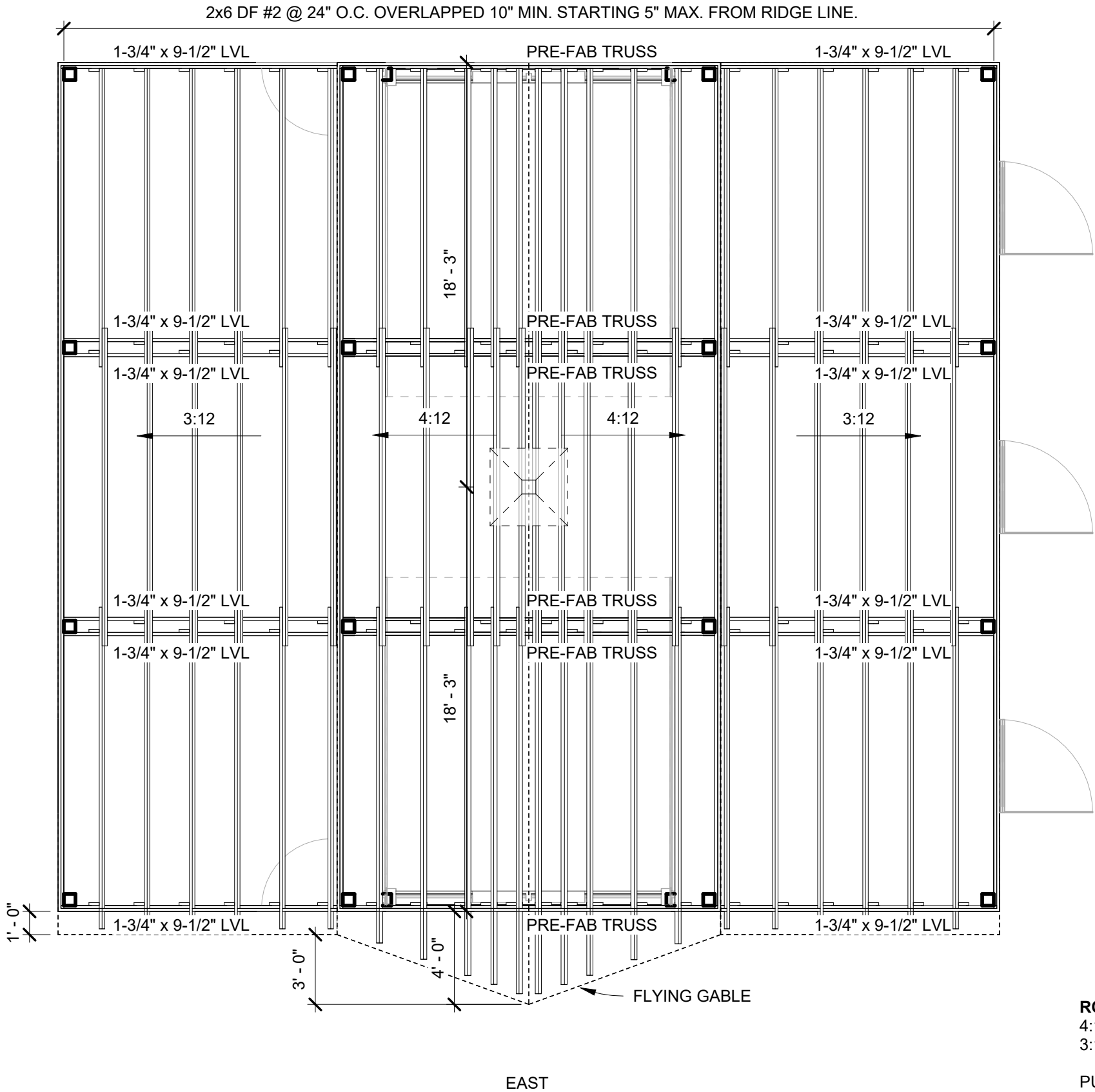
Sheet Size: B  
17" x 11"

Framing Plans

A3

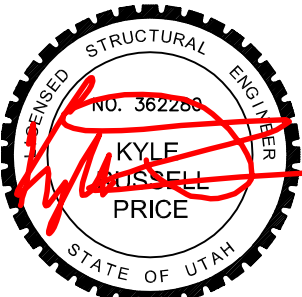
SOUTH

WEST



EAST

NORTH



09/30/2022

**ROOF FRAMING NOTES:**  
4:12 MAIN ROOF PITCH  
3:12 LEAN ROOF PITCHES  
  
PURLINS: 2x6 DF #2 @ 24" O.C. OVERLAPPED  
10" MIN. STARTING 5" MAX. FROM RIDGE LINE.

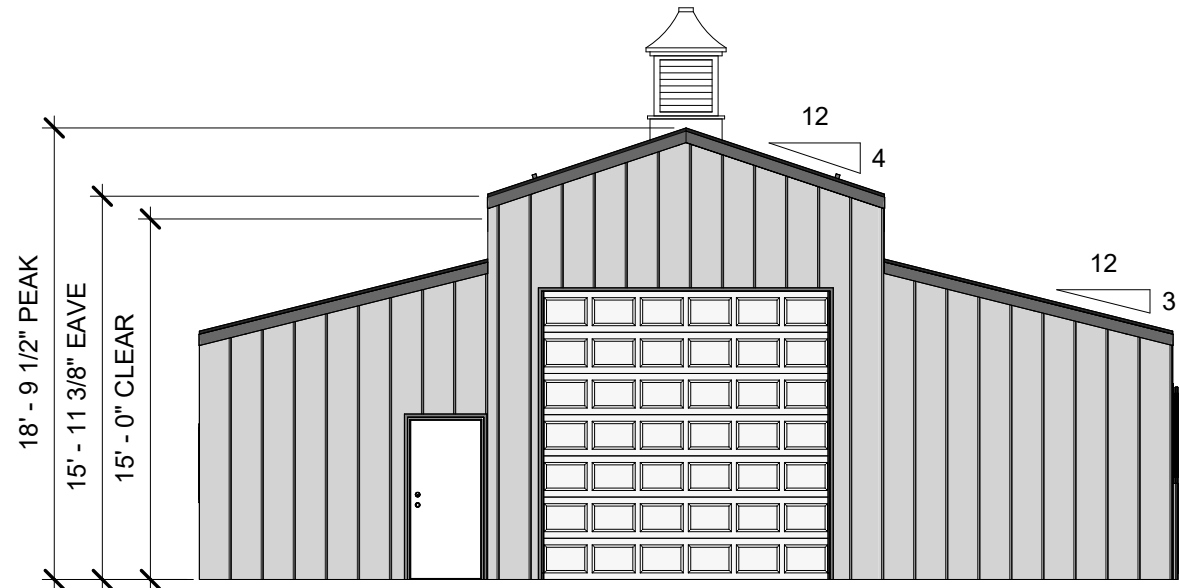
**ROOF PLAN**  
3/16" = 1'-0"

**ROPER BUILDINGS /  
DMLP RESOURCES**  
(801) 689-3630

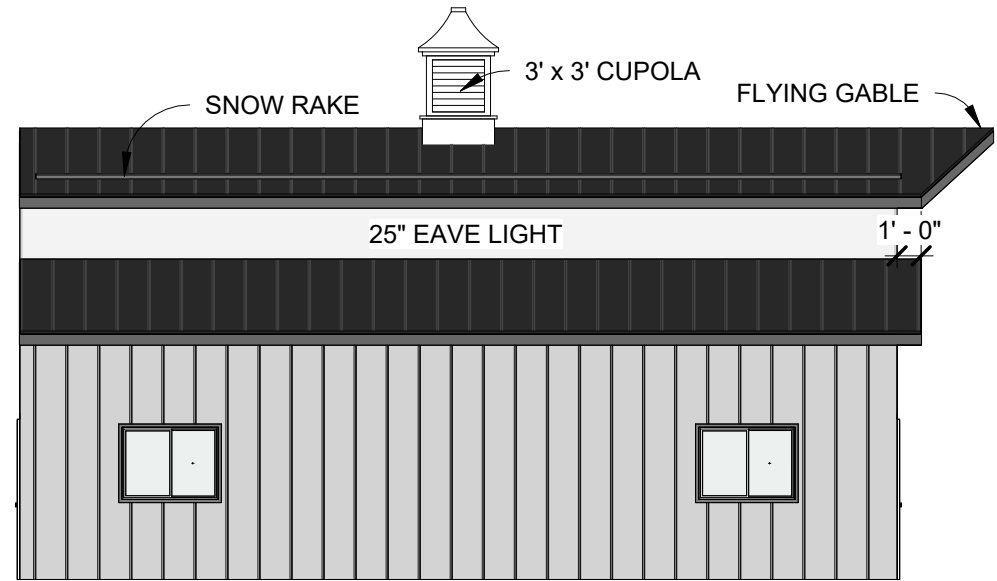
**GARILYN NELSON BLDG.**  
195 S. 3600 W.  
West Weber, UT 84404

Date: 9/30/2022  
Scale: 3/16" = 1'-0"  
Drawn by: JDJ  
Job: NELSON  
Sheet Size: B  
17" x 11"  
Roof Plan

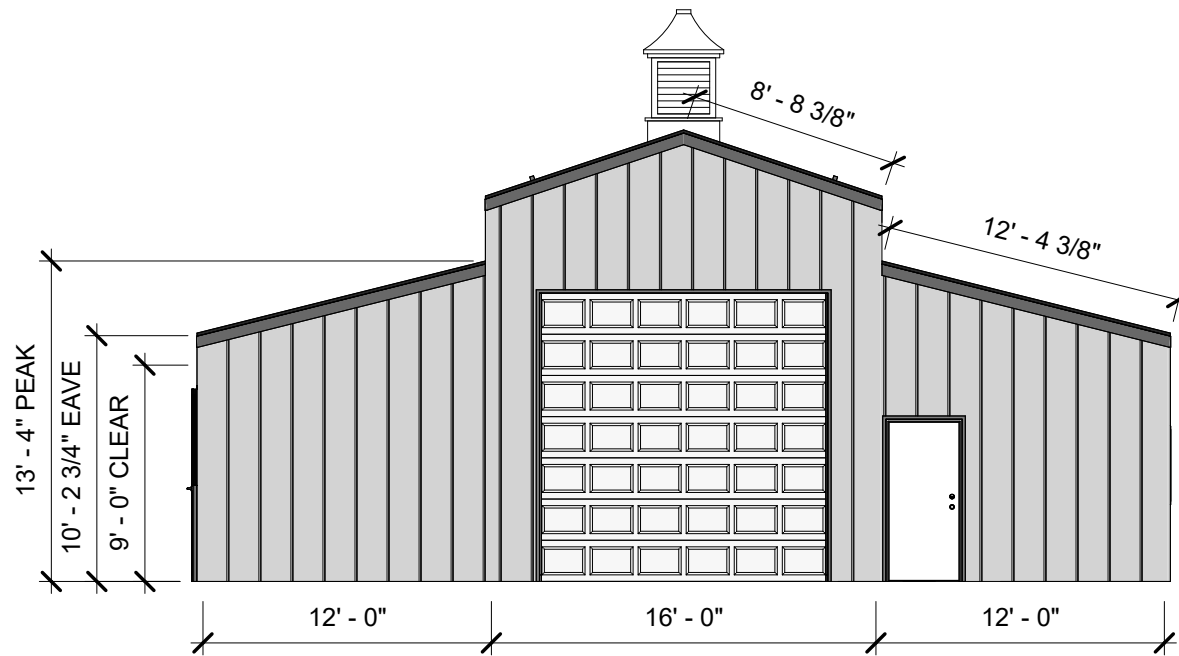
**A4**



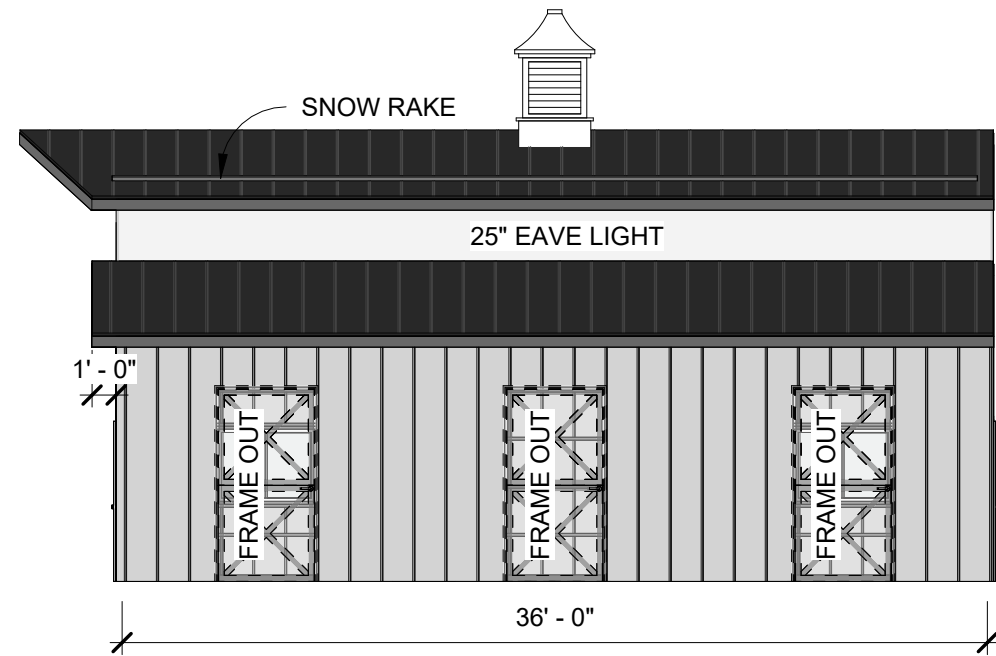
① EAST ELEVATION  
1/8" = 1'-0"



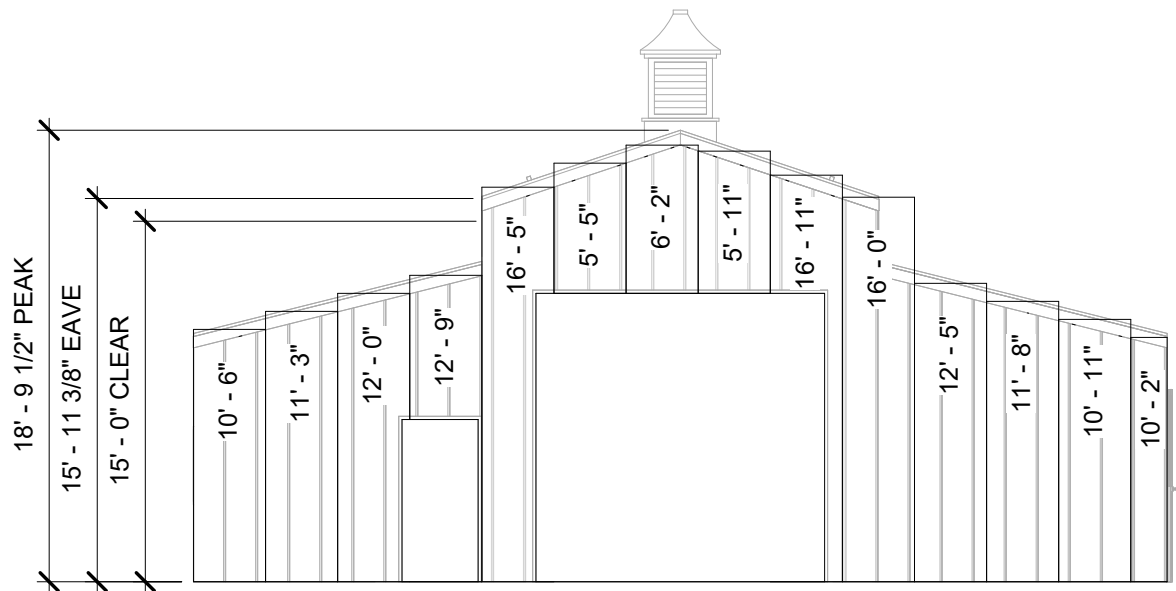
② SOUTH ELEVATION  
1/8" = 1'-0"



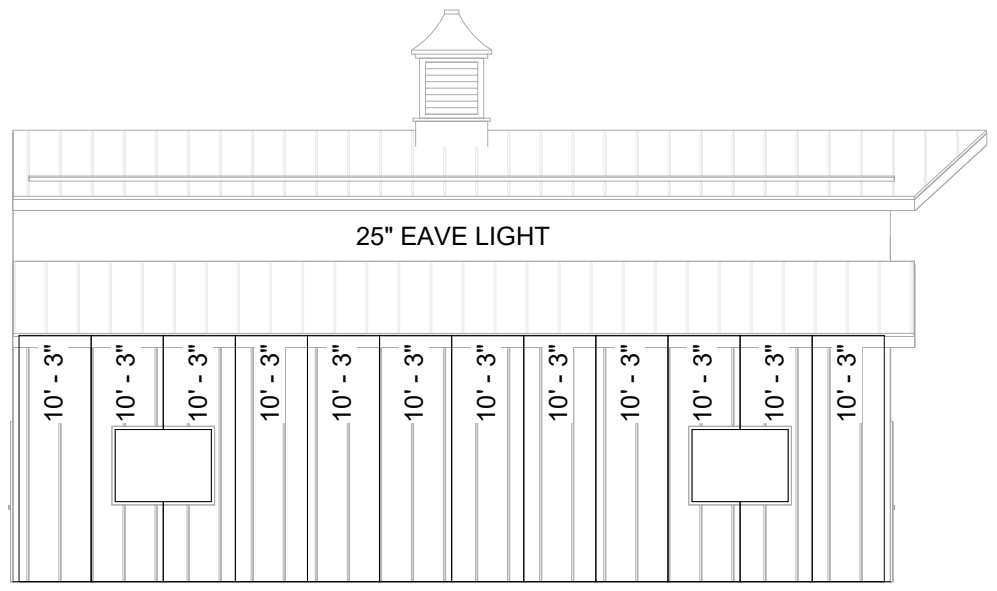
③ WEST ELEVATION  
1/8" = 1'-0"



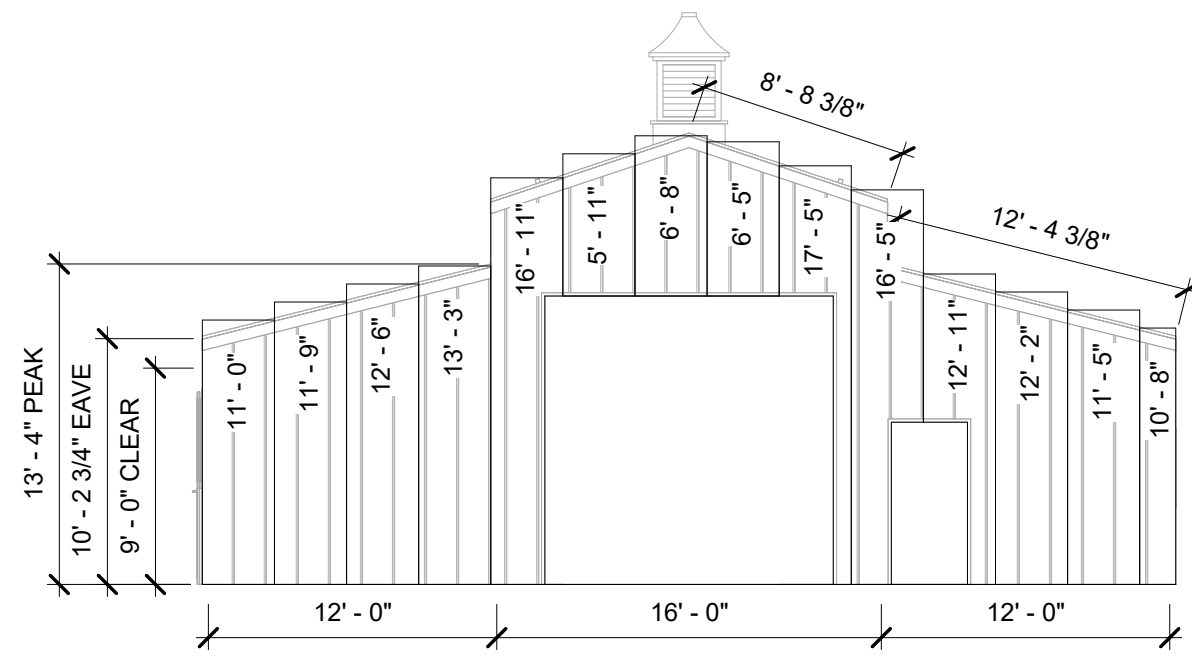
④ NORTH ELEVATION  
1/8" = 1'-0"



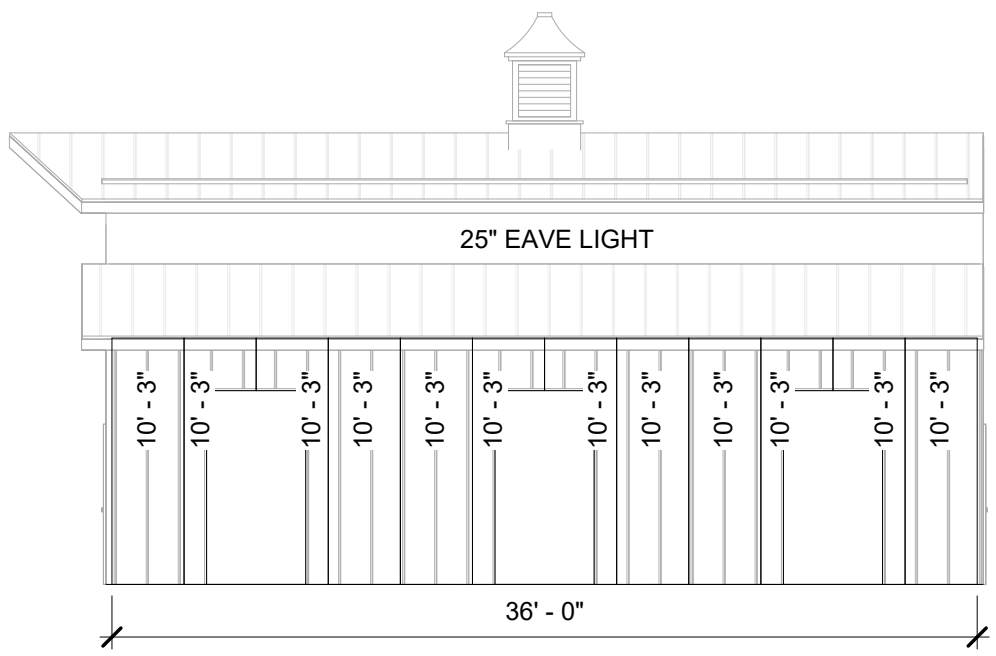
1 EAST PANEL  
1/8" = 1'-0"



2 SOUTH PANEL  
1/8" = 1'-0"



3 WEST PANEL  
1/8" = 1'-0"



4 NORTH PANEL  
1/8" = 1'-0"

PANEL SCHEDULE	
Quantity	Panel Height
1	5' - 5"
2	5' - 11"
1	6' - 2"
1	6' - 5"
1	6' - 8"
1	10' - 2"
24	10' - 3"
1	10' - 6"
1	10' - 8"
1	10' - 11"
1	11' - 0"
1	11' - 3"
1	11' - 5"
1	11' - 8"
1	11' - 9"
1	12' - 0"
1	12' - 2"
1	12' - 5"
1	12' - 6"
1	12' - 9"
1	12' - 11"
1	13' - 3"
1	16' - 0"
2	16' - 5"
2	16' - 11"
1	17' - 5"

GARILYN NELSON BLDG.

ROPER BUILDINGS /  
DMLP RESOURCES

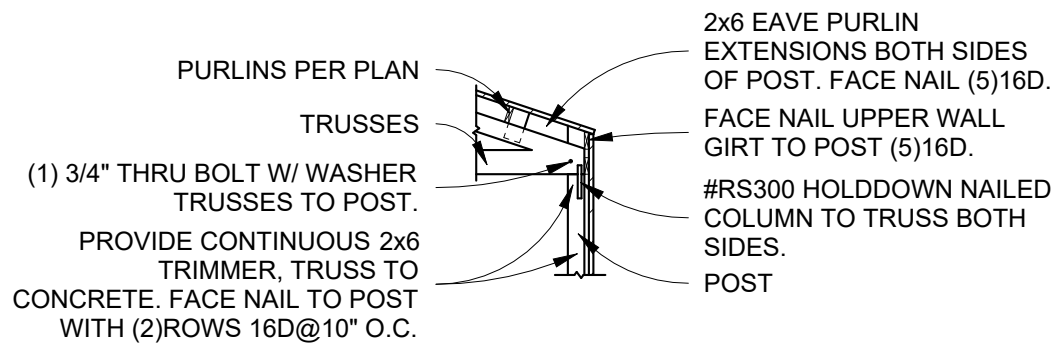
(801) 689-3630

195 S. 3600 W.  
West Weber, UT 84404

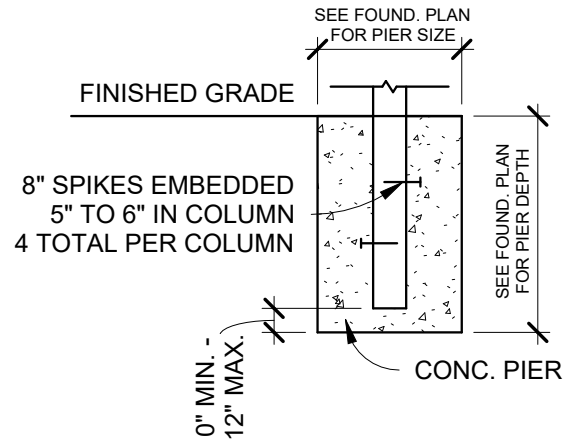
Date: 9/30/2022
Scale: 1/8" = 1'-0"
Drawn by: JDJ
Job: NELSON
Sheet Size: B 17" x 11"
Panel Layouts

A6

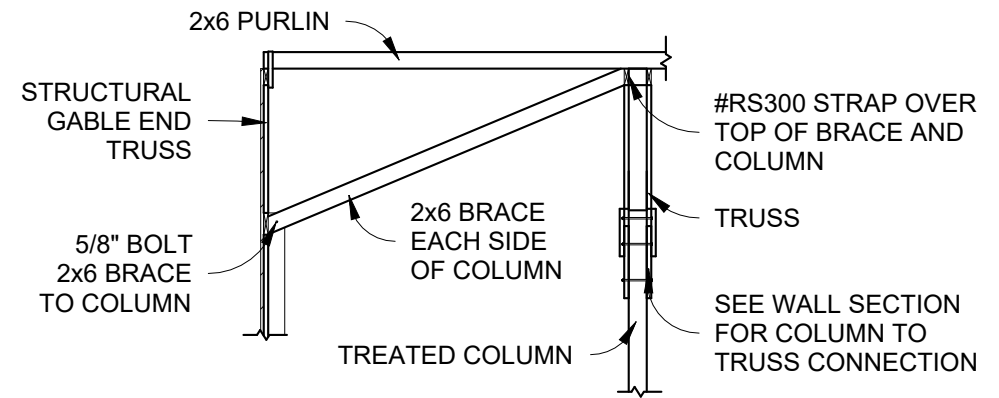




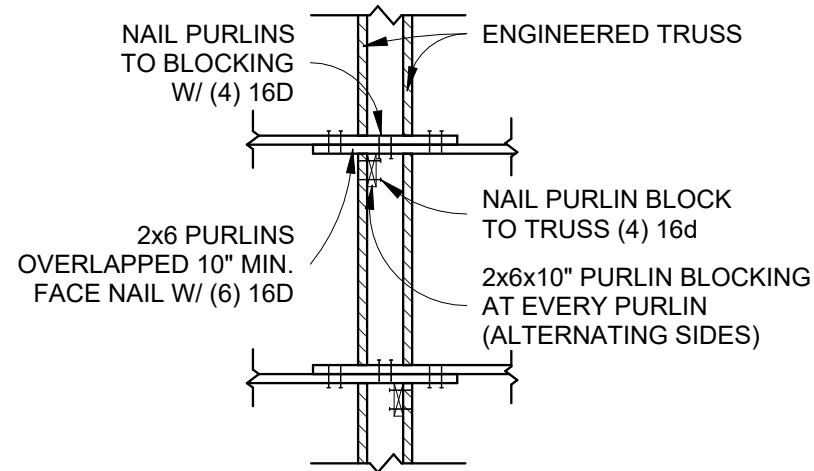
1 TRUSS SUPPORT TO POST DETAIL  
N.T.S.



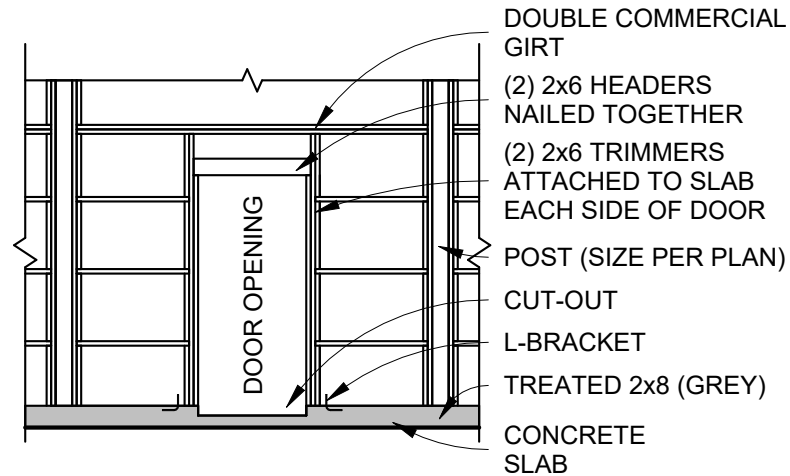
2 PIER DETAIL (TYPICAL)  
N.T.S.



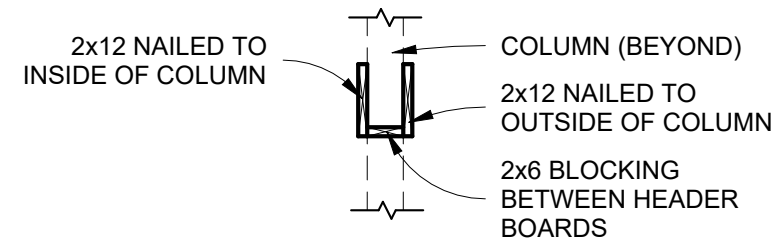
3 COLUMN TO TRUSS BRACE  
N.T.S.



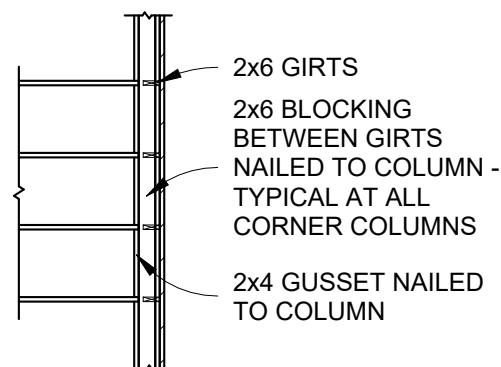
4 TYPICAL PURLIN CONNECTION  
N.T.S.



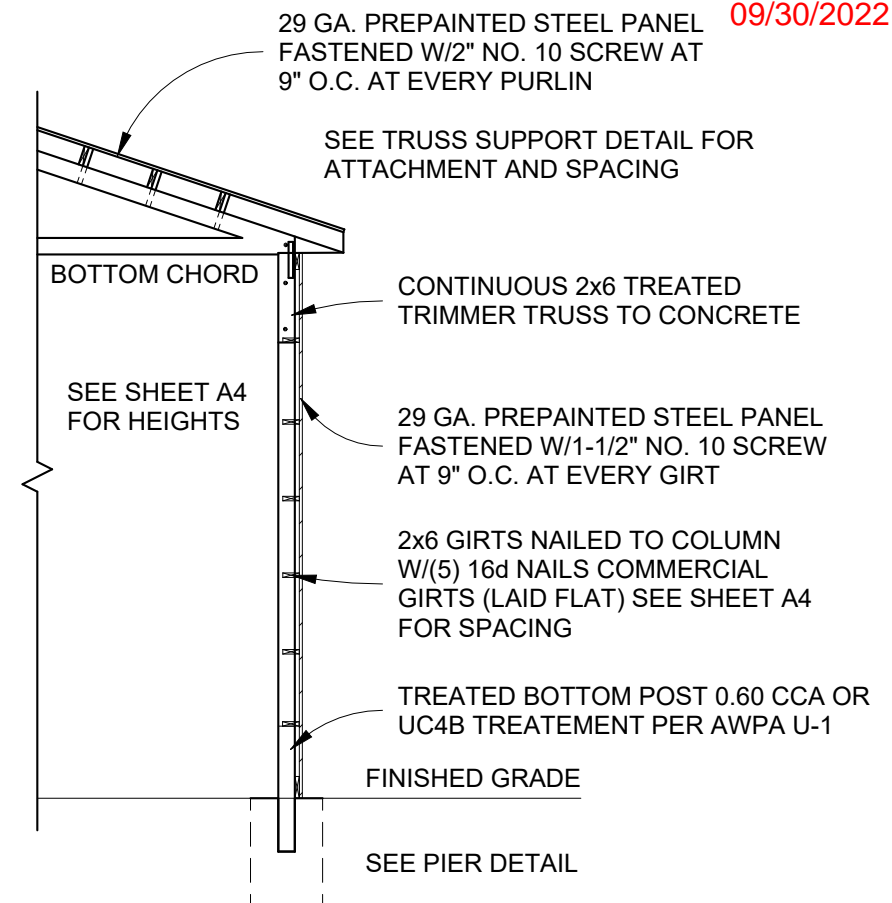
5 MD OPENING  
N.T.S.



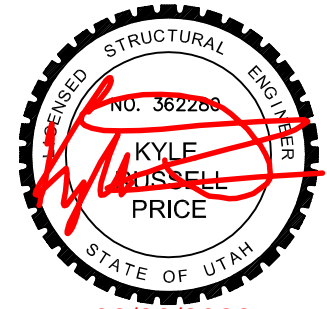
6 O.H. DOOR HEADER  
N.T.S.



7 CORNER BLOCKING DETAIL  
N.T.S.



8 TYPICAL WALL SECTION  
N.T.S.



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ROPER BUILDINGS /  
DMLP RESOURCES

(801) 689-3630

Date: 9/30/2022

Scale: As indicated

Drawn by: JDJ

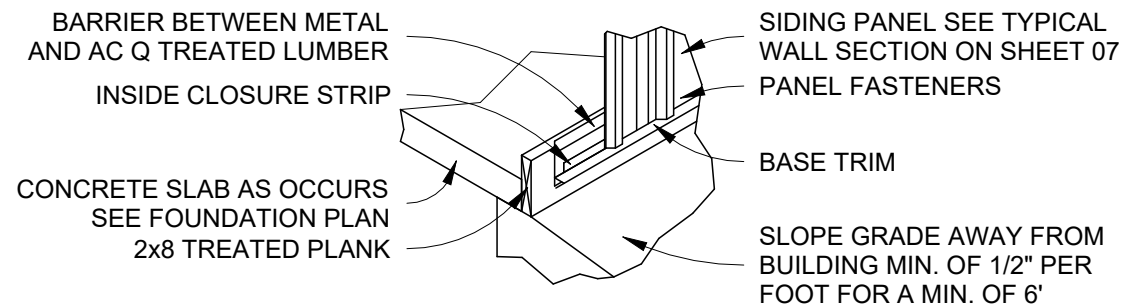
Job: NELSON

Sheet Size: B  
17" x 11"

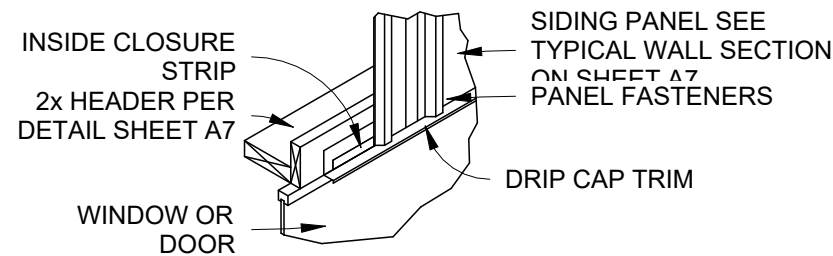
Details 1

A7

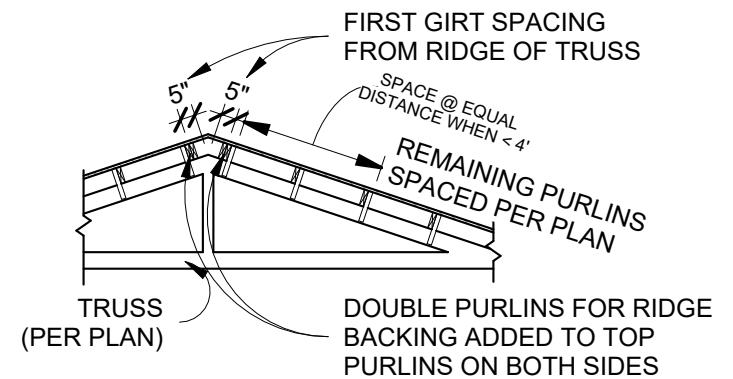




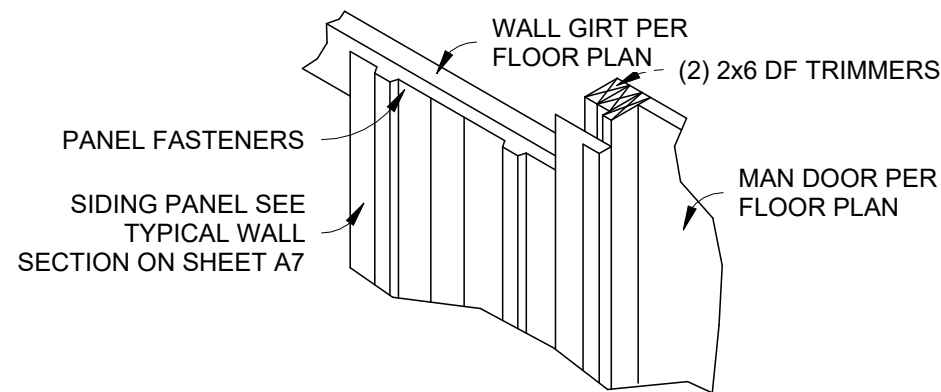
1 BASE GUARD FLASHING  
N.T.S.



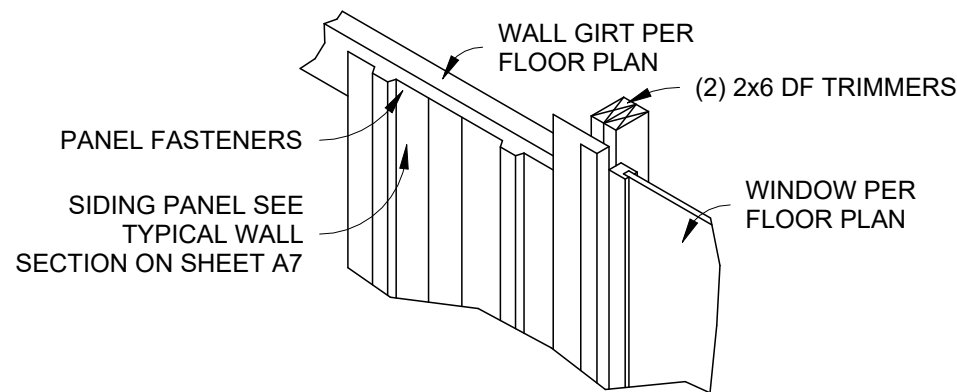
2 WINDOW/DOOR HEADER FLASHING  
N.T.S.



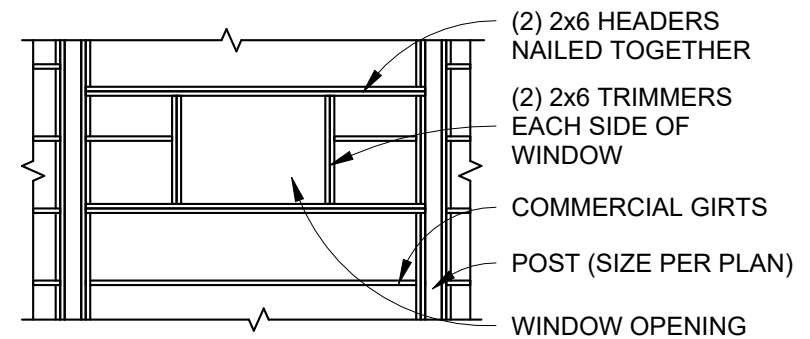
3 T.O. ROOF DETAIL  
N.T.S.



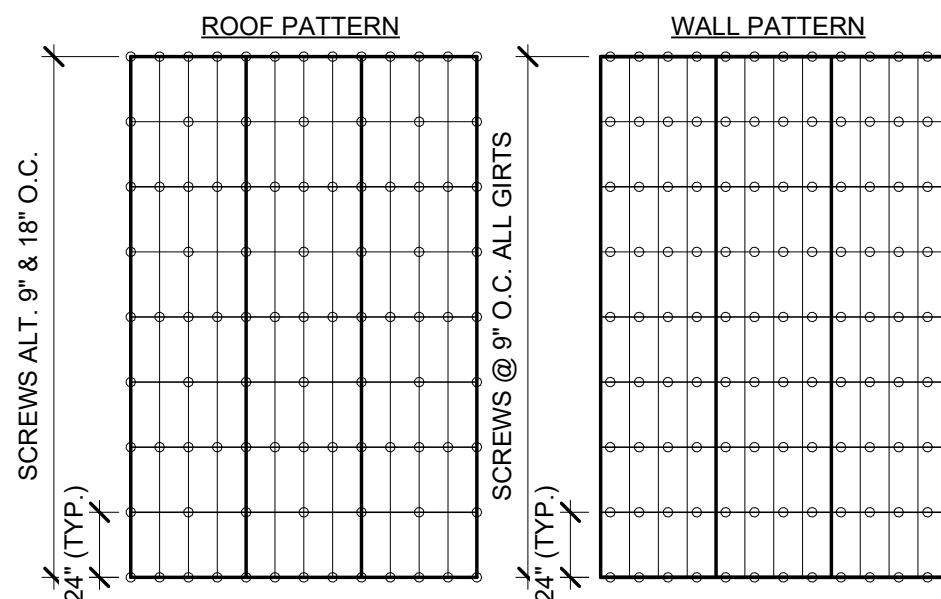
4 MAN DOOR JAMB FLASHING  
N.T.S.



5 WINDOW JAMB FLASHING  
N.T.S.

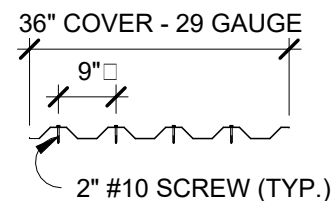


6 WINDOW OPENING (COMMERCIAL GIRTS)  
N.T.S.

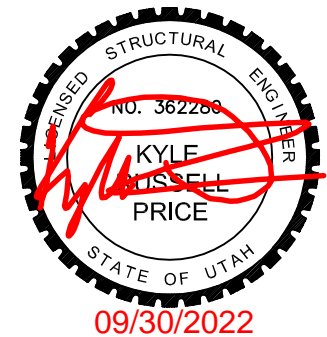


7 ROPER BUILDINGS SCREW PATTERNS  
N.T.S.

ROOF & WALL PANELS: 29 GA. AG PANELS  
FABRAL NAME: GRAND RIB 3 - 3' COVER  
TRI-STATE NAME: TUFF RIB - 3' COVER



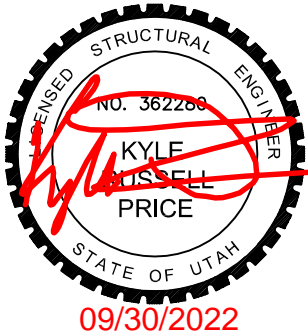
8 TRUSS SUPPORT TO POST DETAIL  
N.T.S.



DESIGN CRITERIA			
GOVERNING CODE:	2018 IBC, ASCE 7 RISK CATEGORY I		
LIVE LOADS:			
1. SNOW LOAD:	GROUND Pg	43 PSF	
	ROOF Ps	30 PSF + DRIFT	
	Pf:	30 PSF	
	Cs:	0.94	Ce: 1.0
	Ct:	1.2	I: 0.8
2. WIND:	DESIGN SPEED: 105 MPH 3 SEC. GUST EXPOSURE: C		
3. SEISMIC:	SDC: D R: 1.5 OR 2.5 (SW) I: 1.0 SITE CLASS: D (ASSUMED) Sms: 1.23 Sm1: 0.64 Sds: 0.82  FORCE RESISTING SYSTEM: CANTILEVERED POSTS OR WOOD SHEAR WALL W/ CORR. METAL SHEATHING  ANALYSIS PROCEDURE: SIMPLIFIED (IBC 12.14.8)		
4. SOIL BEARING:	ALLOWABLE PRESSURE ON NATIVE SOIL: 1500 PSF (ASSUMED)		
5. DEAD LOADS:	ROOF	3 PSF (TRUSSES, PURLINS, METAL)	
	FLOOR	10 PSF	
	WALL	3 PSF (POSTS, GIRTS, METAL)	
	CONCRETE	145 PCF (FTGS, FOUND, ETC)	

SOILS AND EXCAVATION NOTES
UNIFIED SOIL CLASSIFICATION: NO SOILS REPORT PROVIDED. STABLE SOIL CHARACTERISTICS ASSUMED.
ALLOWABLE BEARING PRESSURE: 1500 PSF (ASSUMED)
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.
THE STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR DIFFERENTIAL FOOTING SETTLEMENT DUE TO INCONSISTANT OR UNSTABLE SOIL QUALITY.

CONCRETE AND REINFORCEMENT NOTES
CONCRETE MIN. 28 DAY STRENGTH (F'C) W/ NORMAL 145 PCF DENSITY:
1. FOOTINGS: 3000 PSI
2. SLABS ON GRADE: 3500 PSI REQUIRED (4000 PSI RECOMMENDED) ALL SLABS PROVIDE A MIN. THICKNESS OF 4" W/ 4" DEEP MIN. CRUSHED GRAVEL BASE. PROVIDE 1" DEEP CONTRACTION / CONSTRUCTION JOINTS NO FURTHER THAN 10' APART IN ANY DIRECTION.



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Date: 9/30/2022

Scale:

Drawn by: JDJ

Job: NELSON

Sheet Size: B  
17" x 11"

Engineering Notes

A9