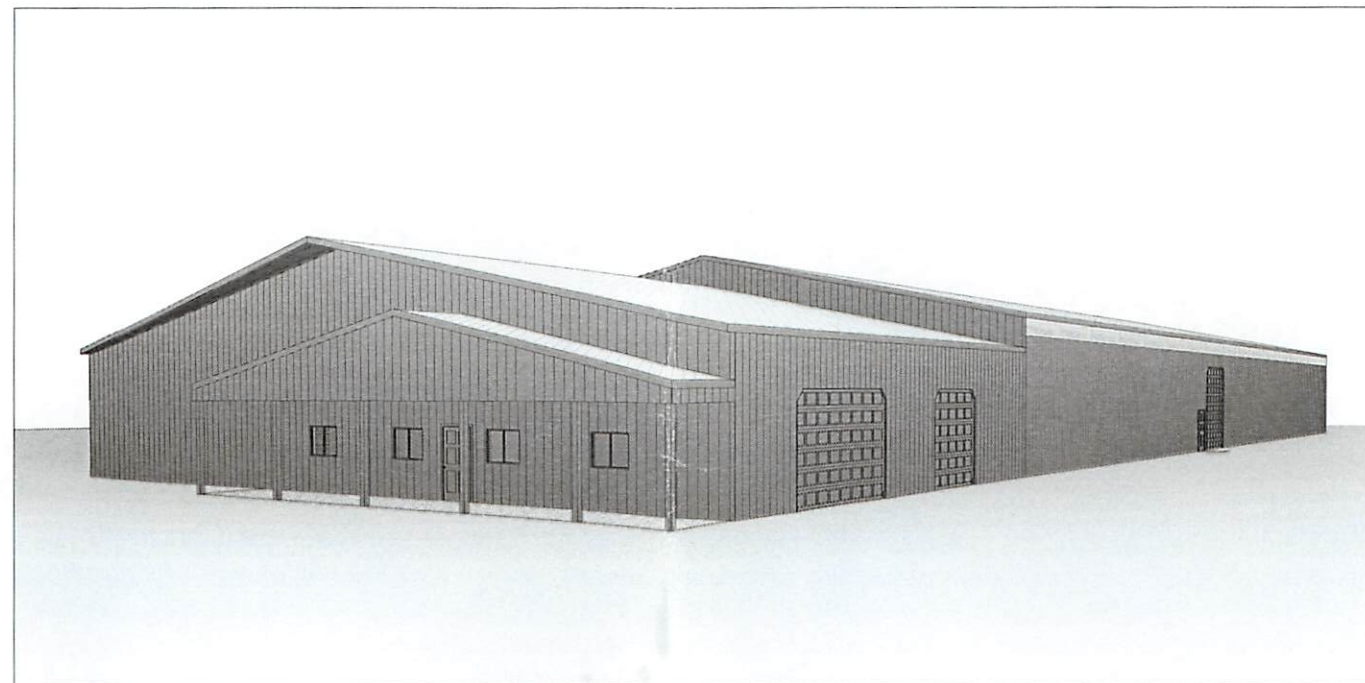
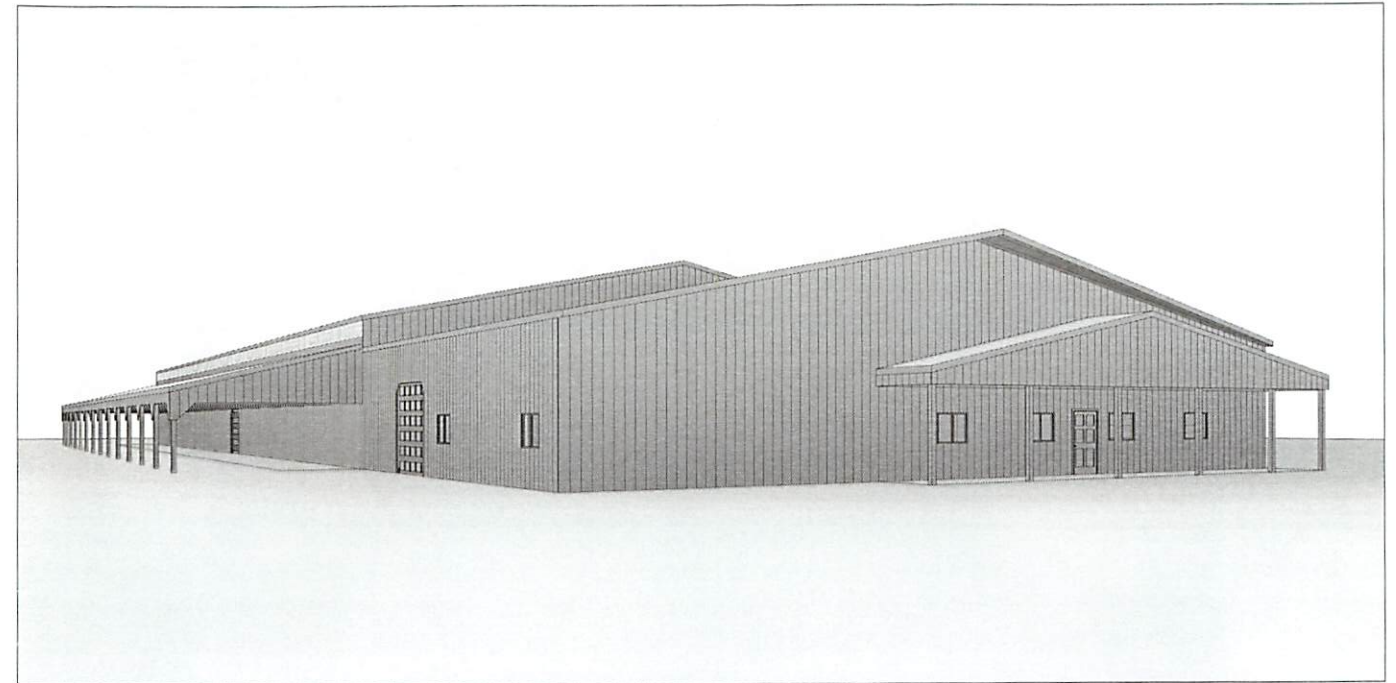
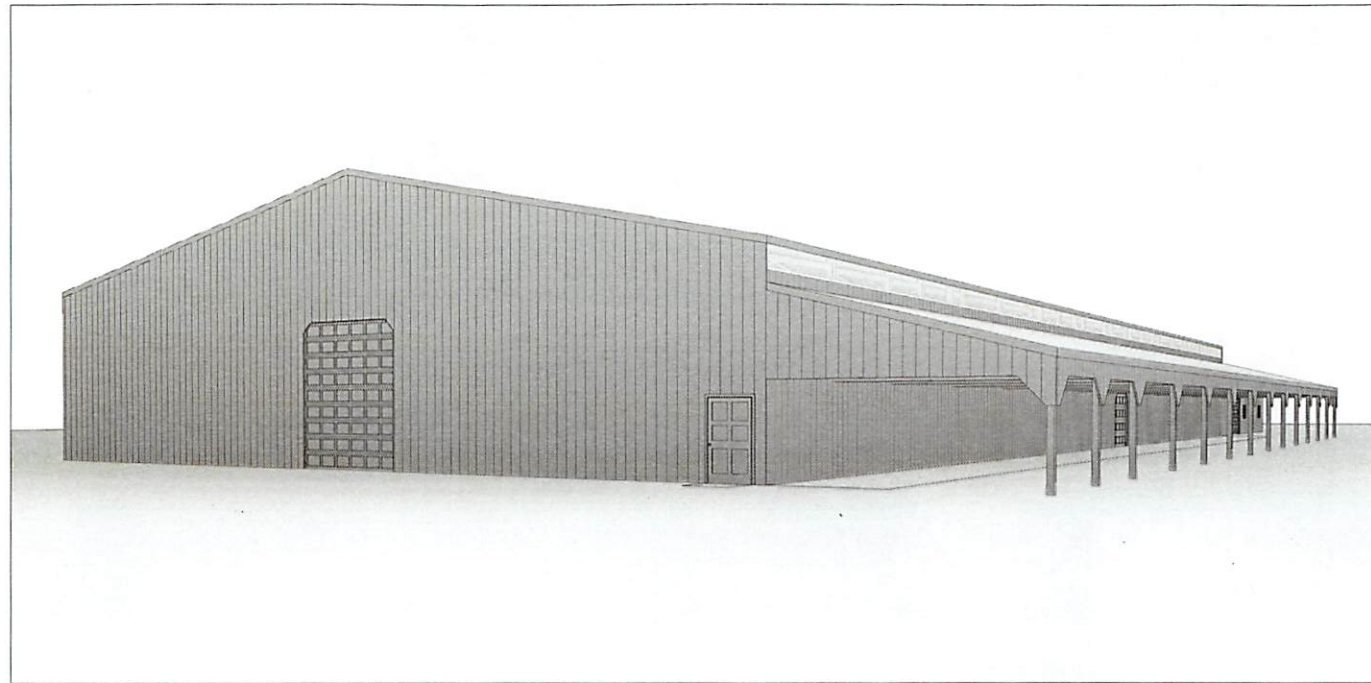


ROPER BUILDINGS

TOM CLOSE BUILDING



CONTACTS

DRAFTING: DGET SERVICES CONTACT: J.D. JULANDER PHONE: (801) 866-8821	ENGINEERING: PRICE ENGINEERING CONTACT: KYLE PRICE PHONE: (801) 791-6274	CONTRACTOR: ROPER BUILDINGS CONTACT: DAN SCARBROUGH PHONE: (801) 689-3630
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BUILDING INFORMATION

BUILDING INFORMATION:
 DIMENSIONS: MAIN 90' x 200' = 18,000 Sq. Ft., STORAGE 60' x 90' = 5,400 Sq. Ft.
 LEAN SQ. FOOTAGE: 22' x 200' = 4,400 Sq. Ft.
 TOTAL SQUARE FOOTAGE: 27,800 Sq. Ft.

SITE INFORMATION:
 ADDRESS:
 WEST WARREN, UT

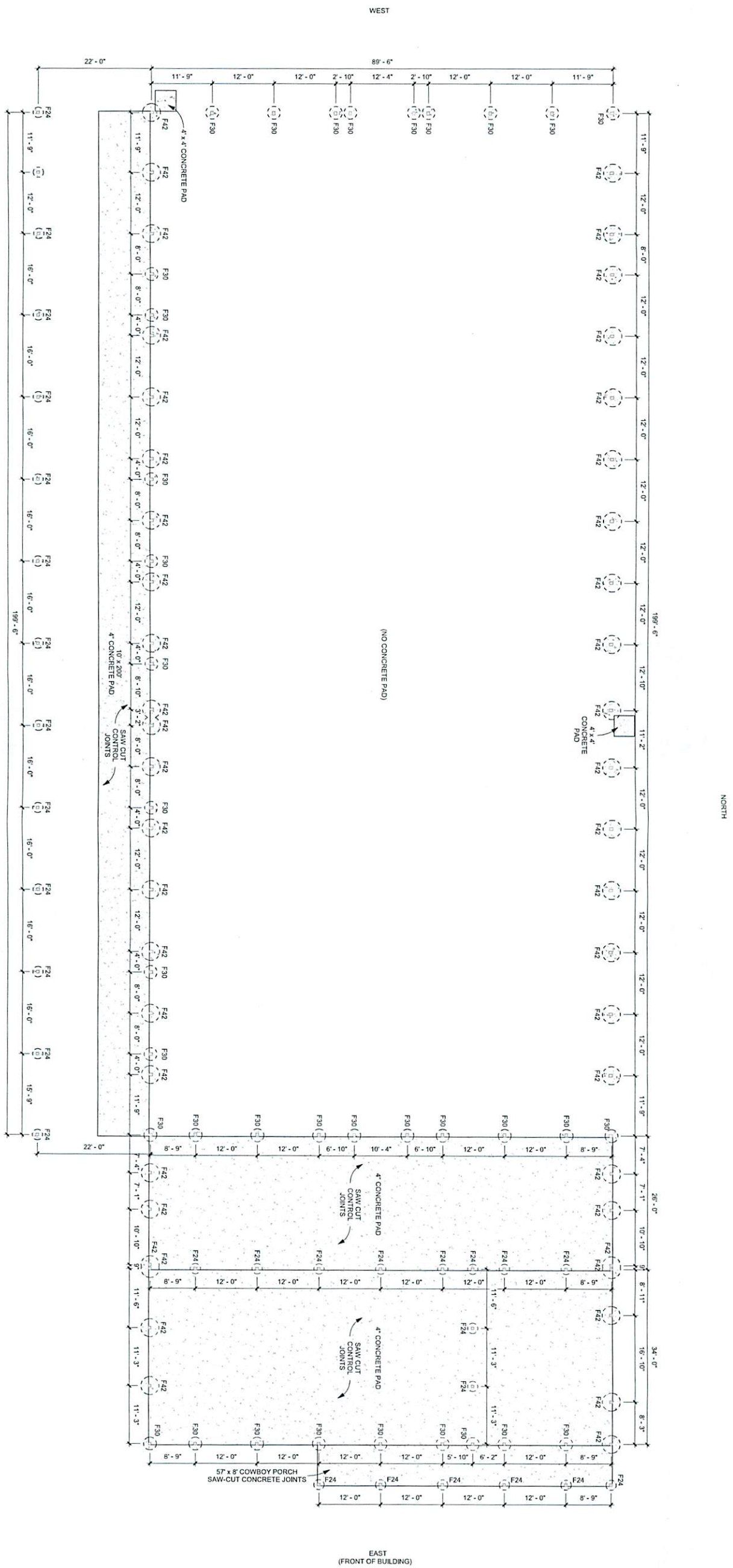


10/21/2019

DRAWING INDEX

A0	Title Page
A1	Foundation Plan
A2	First Floor Plan
A3	Elevations
A4	Girt Plans
A5	Roof Plan
A6	Panel Layouts
A7	Details & ENG Notes

DATE:
10/10/2019



FOUNDATION PLAN
1" = 10'-0"

SOUTH

NORTH

EAST
(FRONT OF BUILDING)

- PIERS:
- 1. F24 24" DIA. x 36" DEEP CONCRETE PIER
 - 2. F30 30" DIA. x 48" DEEP CONCRETE PIER
 - 3. F42 42" DIA. x 36" DEEP CONCRETE PIER



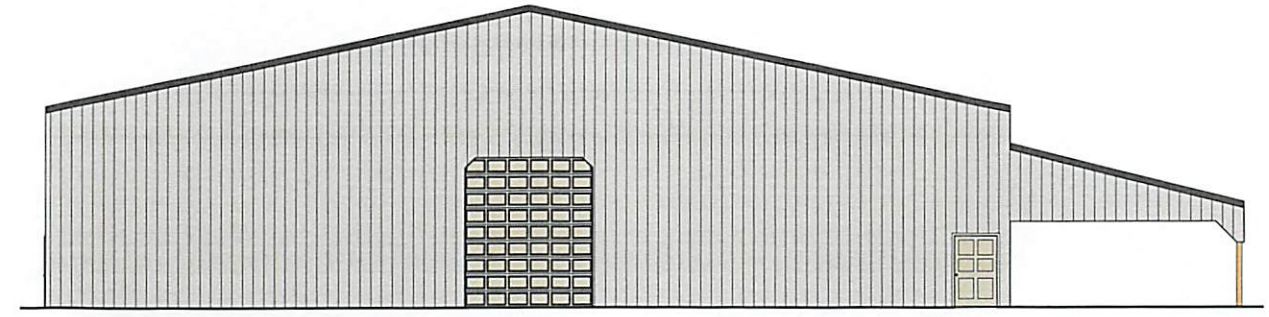
TOM CLOSE BUILDING
WEST WARREN, UT

ROPER BUILDINGS
DAN SCARBROUGH
(801) 540-5586

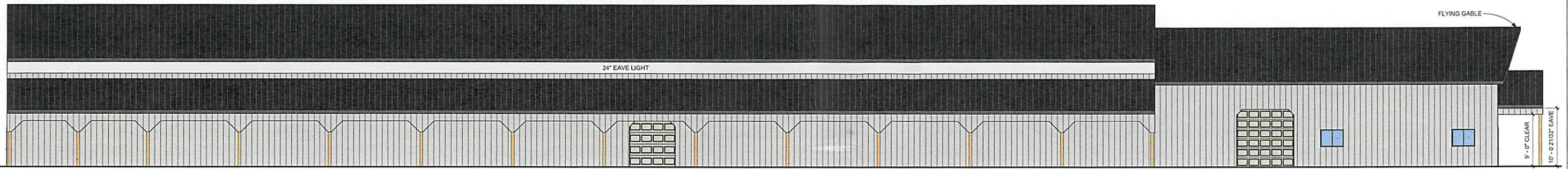
Drawn: 10/10/2019
Scale: 1" = 10'-0"
Drawn by: JDU
Job: CLOSE
Foundation Plan
A1



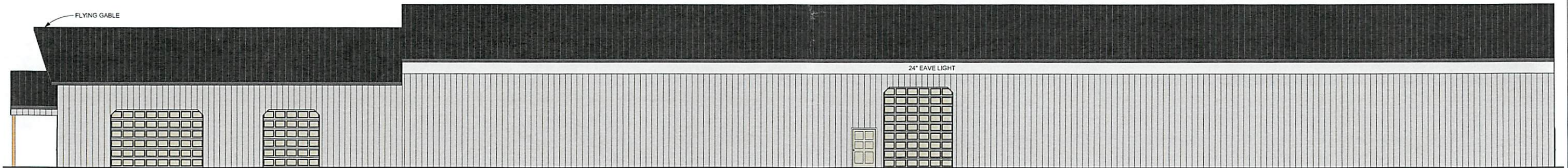
① EAST ELEVATION
1/8" = 1'-0"



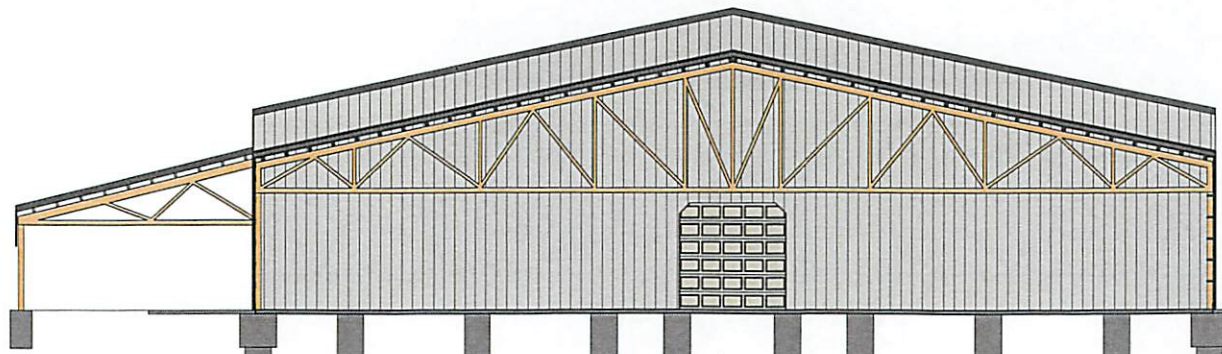
② WEST ELEVATION
1/8" = 1'-0"



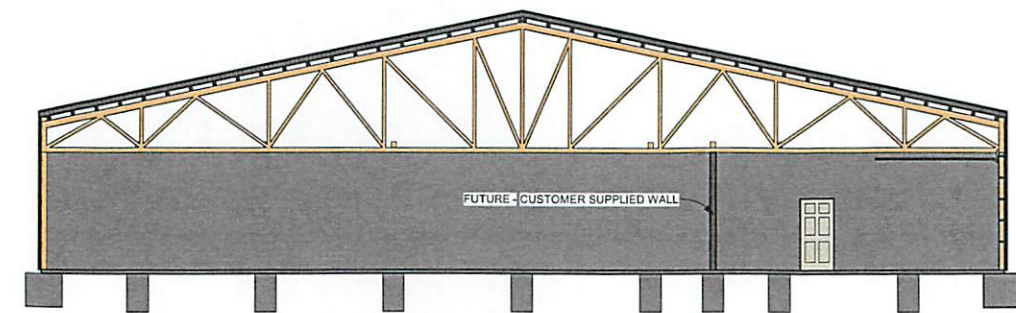
③ SOUTH ELEVATION
1/8" = 1'-0"



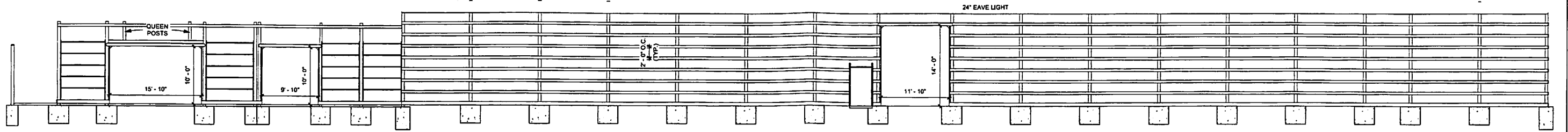
④ NORTH ELEVATION
1/8" = 1'-0"



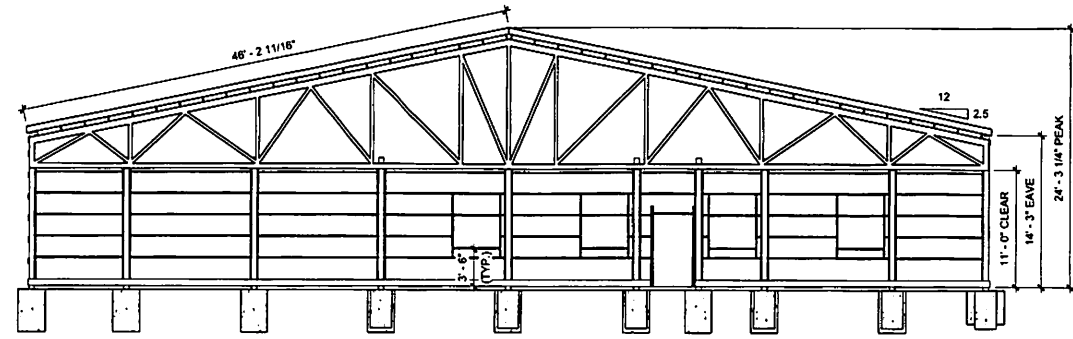
⑤ Section 1
1/8" = 1'-0"



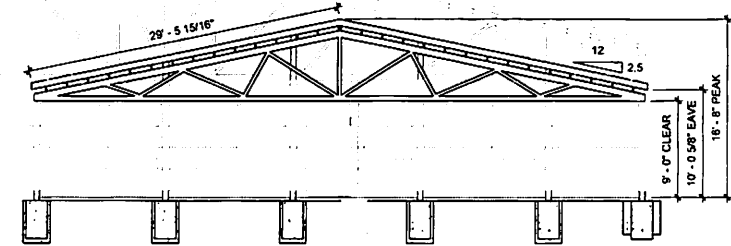
⑥ Section 2
1/8" = 1'-0"



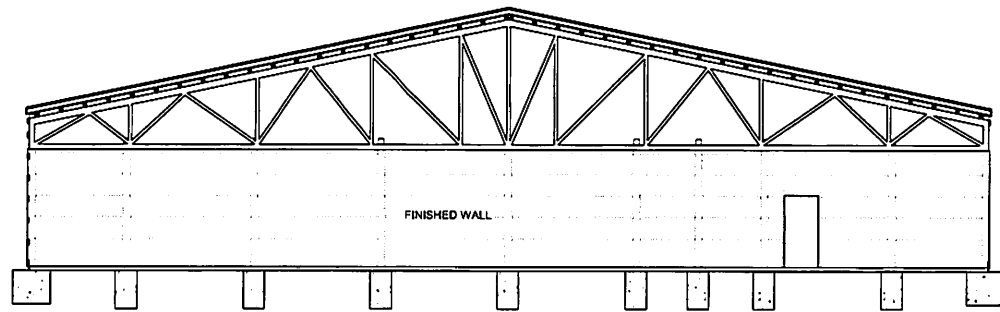
1 NORTH GIRT
1/8" = 1'-0"



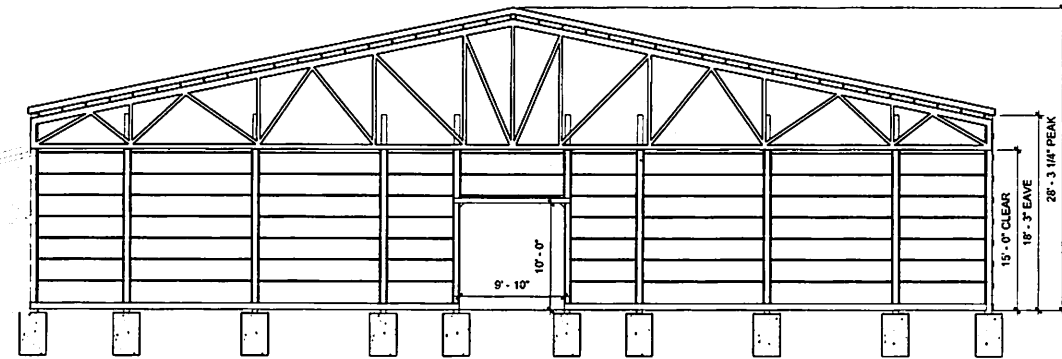
2 EAST GIRT
1/8" = 1'-0"



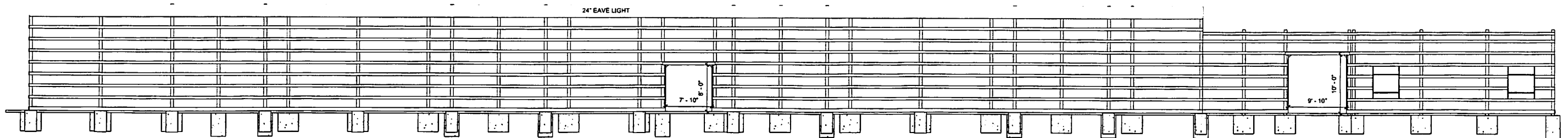
5 EAST GIRT PORCH
1/8" = 1'-0"



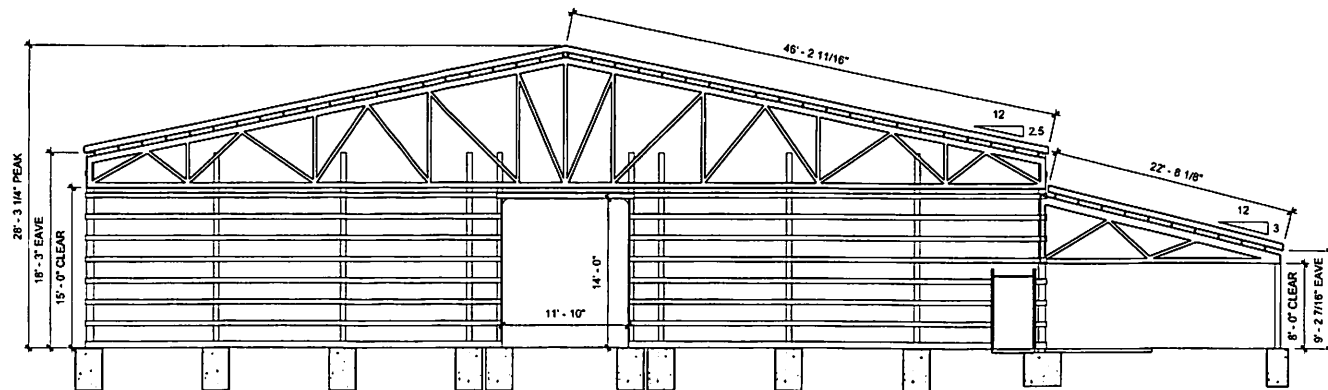
6 EAST GIRT STORAGE WALL
1/8" = 1'-0"



7 EAST GIRT ARENA WALL
1/8" = 1'-0"



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



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

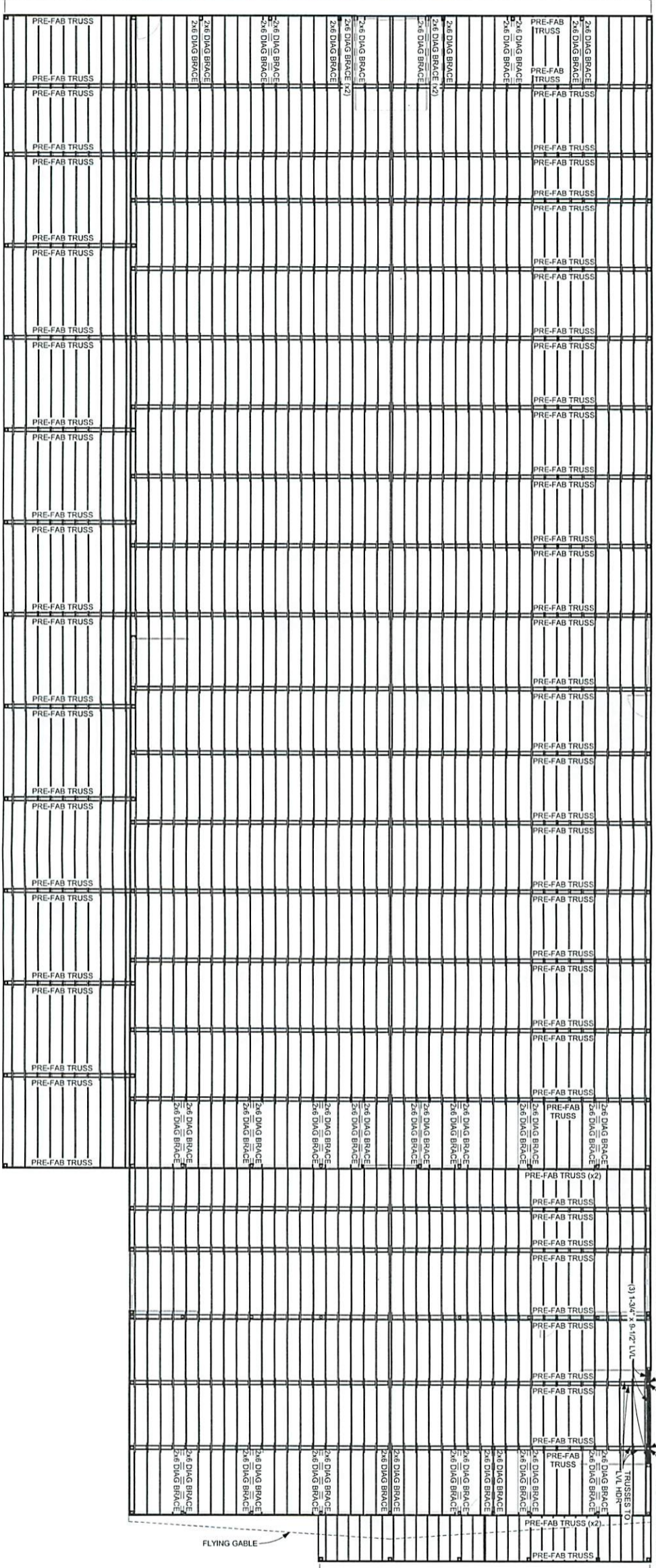
WEST

2x6 DF-L #2 AT 24" ON CENTER OVERLAPPED
10" MIN. STARTING 5" MAX. FROM RIDGE LINE

ROOF PLAN
T = 10-J

SOUTH

NORTH



BOLT TO TRUSSES PER DETAIL & SHEET AT
PROVIDE BOS CONNECTOR OR EQUIV. POST TO LV.

QUEEN POSTS
BOLT TO TRUSSES PER DETAIL & SHEET AT
PROVIDE BOS CONNECTOR OR EQUIV. POST TO LV.

EAST

2x6 DF-L #2 AT 24" ON CENTER OVERLAPPED
10" MIN. STARTING 5" MAX. FROM RIDGE LINE

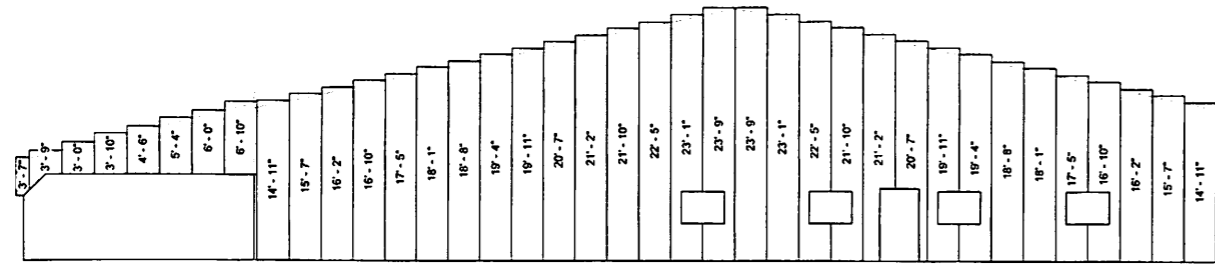
ROOF FRAMING NOTES:
 FITCHES:
 MAIN STRUCTURE AND PORCH - 2.5/12 ROOF PITCH
 LEAN - 3/12 ROOF PITCH
 PURLINS: 2x6 DF-L #2 AT 24" ON CENTER
 OVERLAPPED 10" MIN. STARTING 5" MAX. FROM
 RIDGE LINE



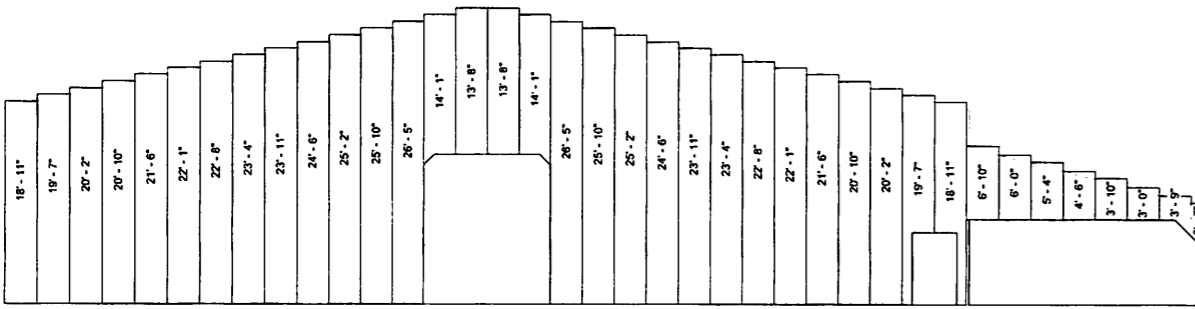
TOM CLOSE BUILDING
 WEST WARREN, UT

ROPER BUILDINGS
 DAN SCARBROUGH
 (801) 540-5586

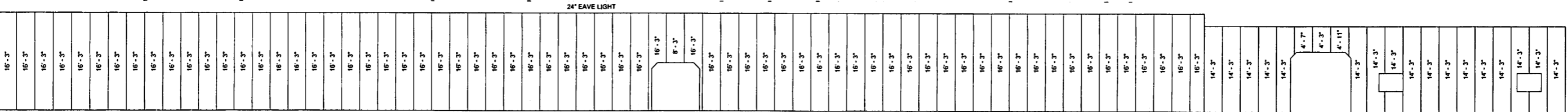
Date: 10/10/2019
 Scale: 1" = 10'-0"
 Drawn by: JDJ
 Job: CLOSE
 Roof Plan
A5



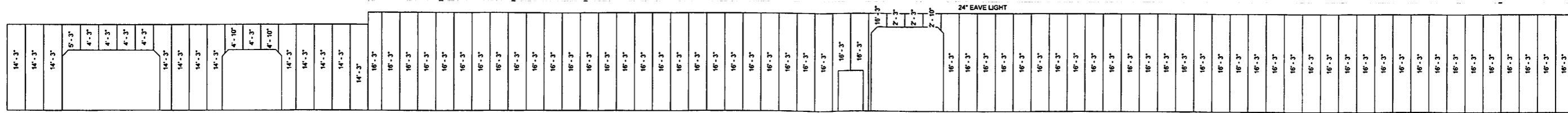
1 EAST PANEL
1/8" = 1'-0"



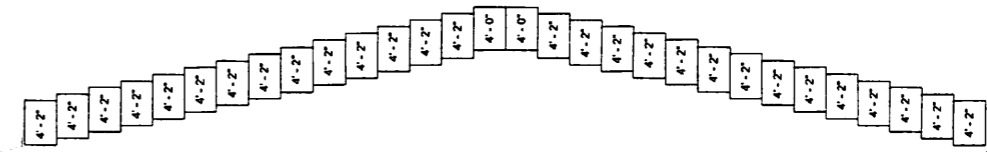
2 WEST PANEL
1/8" = 1'-0"



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

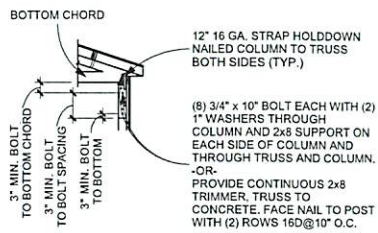


4 NORTH PANEL
1/8" = 1'-0"

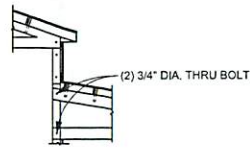


METAL DIVIDER WALL

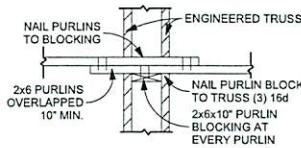
5 EAST PANEL ARENA
1/8" = 1'-0"



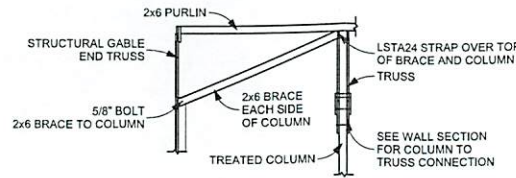
1 TRUSS SUPPORT TO POST DETAIL
N.T.S.



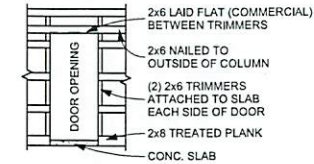
2 LEAN-TO
N.T.S.



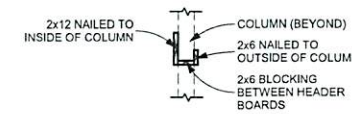
3 TYPICAL PURLIN CONNECTION
N.T.S.



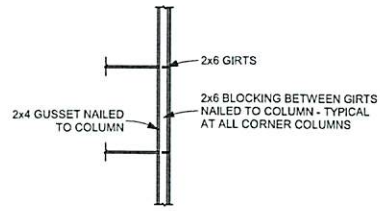
4 COLUMN TO TRUSS BRACE
N.T.S.



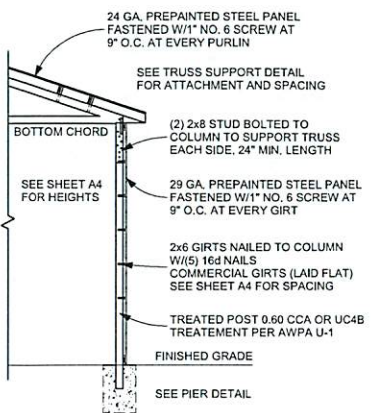
5 TYPICAL WALL SECTION
N.T.S.



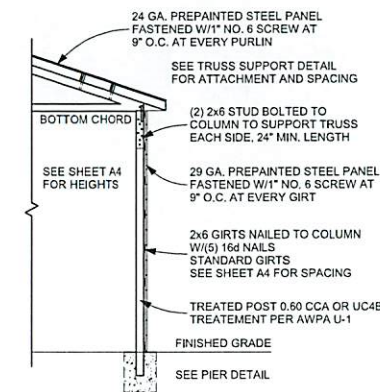
6 O.H. DOOR HEADER
N.T.S.



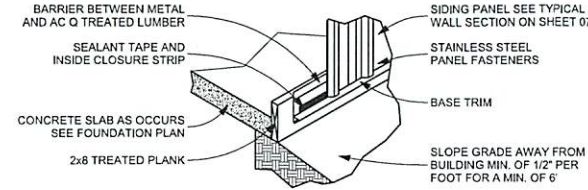
7 CORNER BLOCKING DETAIL
N.T.S.



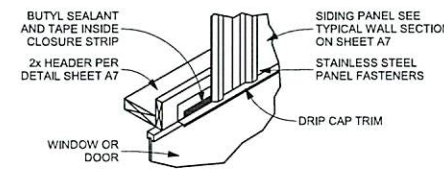
8 TYPICAL WALL SECTION (COM. GIRTS)
N.T.S.



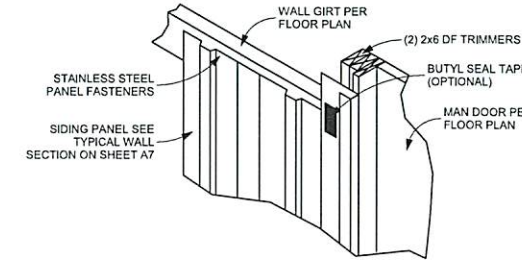
9 TYPICAL WALL SECTION (STD. GIRTS)
N.T.S.



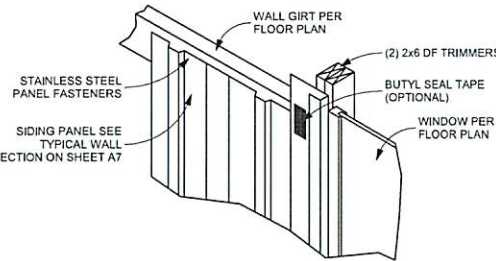
10 BASE GUARD FLASHING
3/16" = 1'-0"



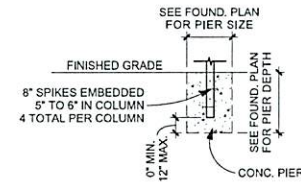
11 WINDOW/DOOR HEADER FLASHING
N.T.S.



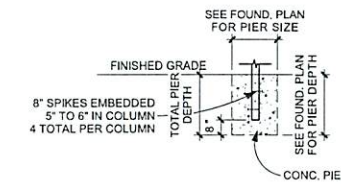
12 MAN DOOR JAMB FLASHING
N.T.S.



13 WINDOW JAMB FLASHING
N.T.S.



14 PIER DETAIL - F24
3/16" = 1'-0"



15 PIER DETAIL - F30 & F42
3/16" = 1'-0"

DESIGN CRITERIA	
GOVERNING CODE:	2018 IBC, ASCE 7 RISK CATEGORY II
LIVE LOADS:	
1. SNOW LOAD:	GROUND P _g 30 PSF ROOF P _s 43 PSF + DRIFT P _f 30 PSF C _s 0.85 C _e 1.0 C _t 1.2 I: 1.0
2. WIND:	DESIGN SPEED: 120 MPH 3 SEC. GUST EXPOSURE: C
3. SEISMIC:	SDC: D R: 1.5 OR 7.0 (SW) I: 1.0 SITE CLASS: D (ASSUMED) S _{m1} : 1.22 S _{m2} : 0.64 S _d : 0.81
4. SOIL BEARING:	ALLOWABLE PRESSURE ON NATIVE SOIL: 1500 PSF (ASSUMED)
5. DEAD LOADS:	ROOF 3 PSF FLOOR 10 PSF WALL 3 PSF 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') 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.

