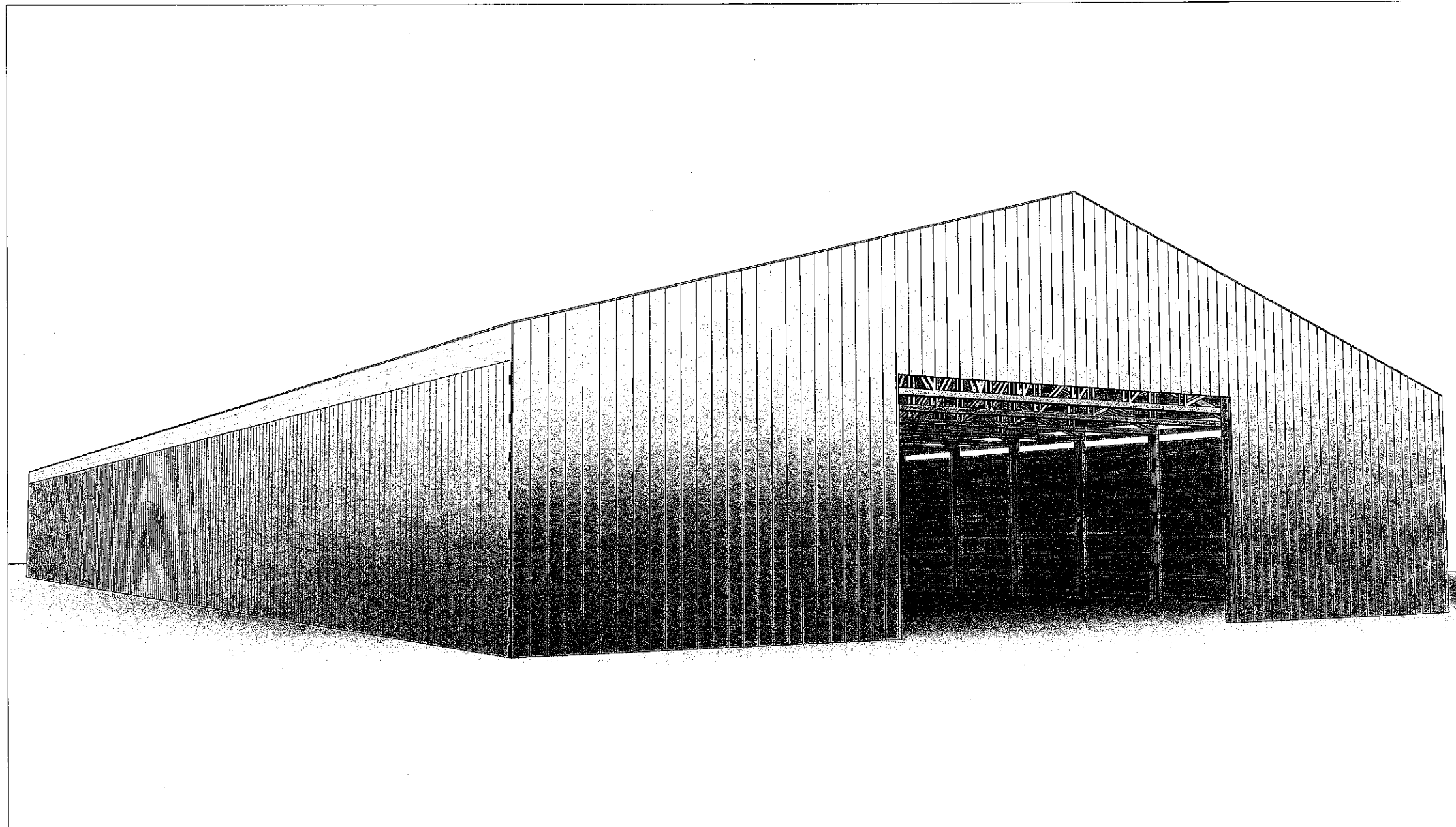


ROPER BUILDINGS



DRAWING INDEX

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A1	Foundation Plan
A2	First Floor Plan
A3	Elevations
A4	Girt Plans
A5	Roof Plan
A6	Panel Layouts
A7	Details 1

CONTACTS

DRAFTING:

DGET SERVICES
 CONTACT: J.D. JULANDER
 PHONE: (801) 866-8821

CONTRACTOR:

ROPER BUILDINGS
 CONTACT: DAN SCARBROUGH
 PHONE: (801) 689-3630

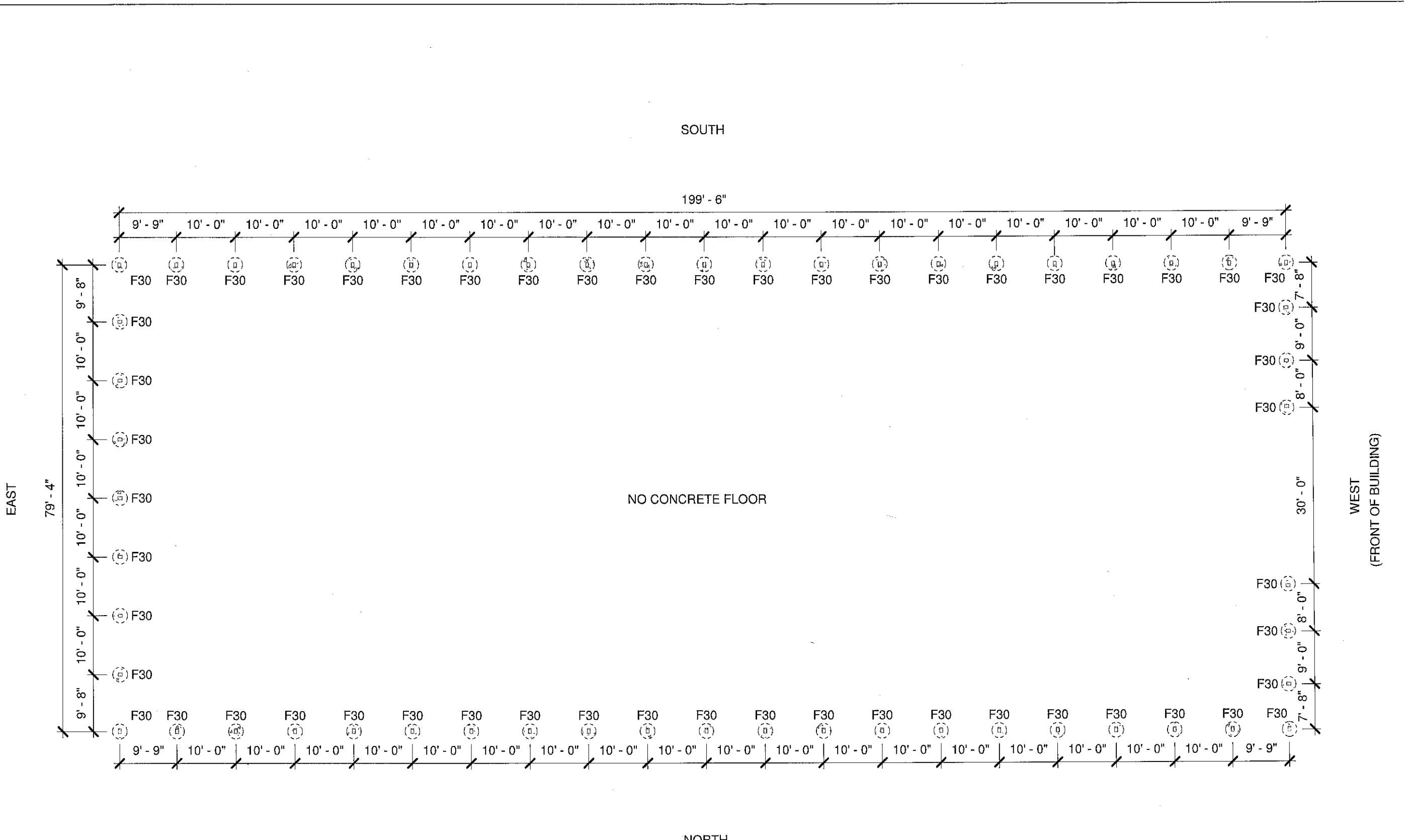
BUILDING INFORMATION

BUILDING INFORMATION:

DIMENSIONS: 80' x 200'
 TOTAL SQUARE FOOTAGE: 16,000 Sq. Ft.

SITE INFORMATION:

DATE:
 2/5/2020



EAST

WEST
(FRONT OF BUILDING)

SOUTH

NORTH

NO CONCRETE FLOOR

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

ROPER BUILDINGS
DAN SCARBROUGH
(801) 540-5586

Date: 2/5/2020
Scale: 1/16" = 1'-0"
Drawn by: CBC
Job: STILLMAN
Foundation Plan

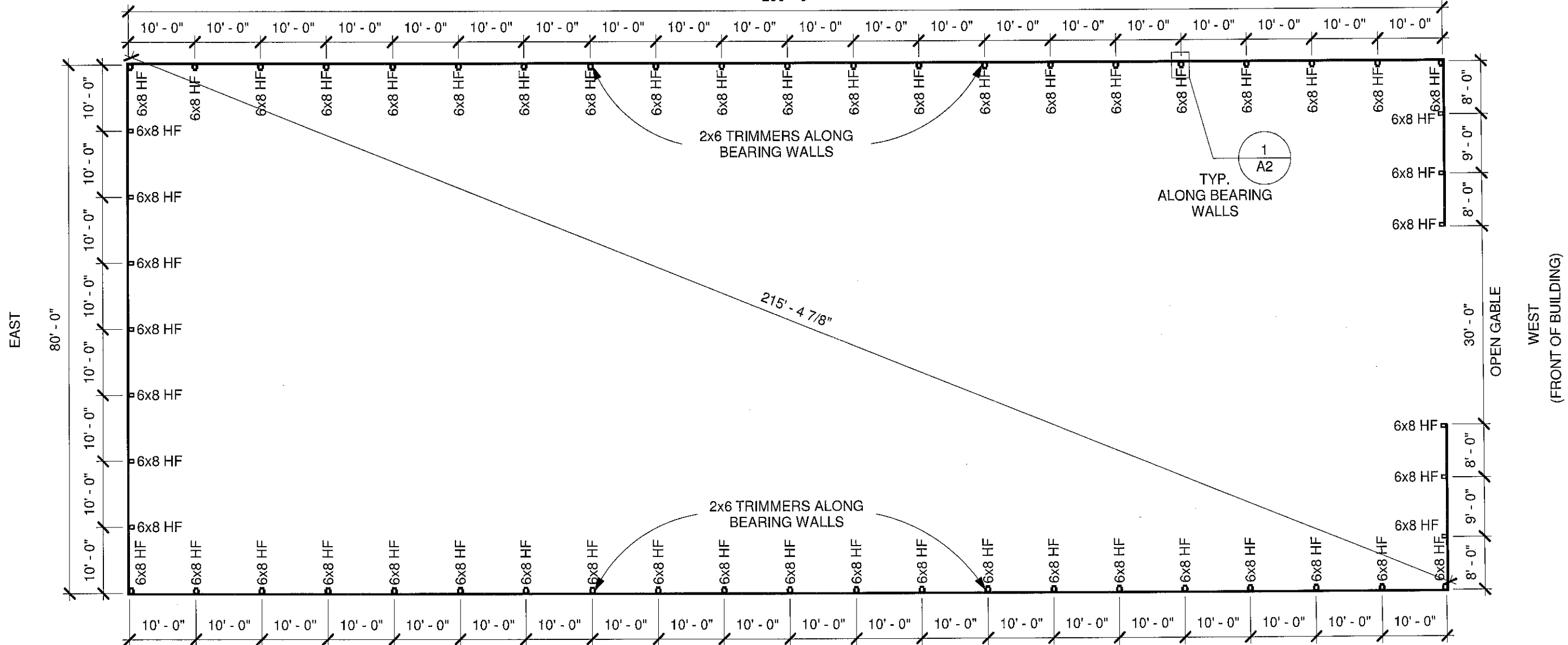
A1

PIERS:
1. F30: 30" DIA. X 48" DEEP CONCRETE PIER.

INSULATION: NONE

SOUTH

200' - 0"



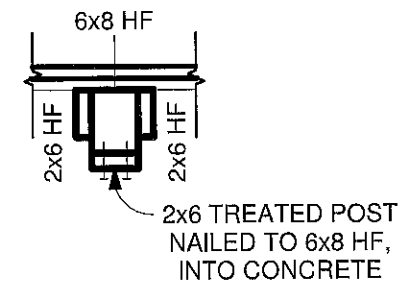
EAST

80' - 0"

WEST
(FRONT OF BUILDING)

NORTH

FLOOR PLAN
1/16" = 1'-0"



1 2x6 DETAIL
1/2" = 1'-0"

NOTES:

1. 6x8 HF #2 TREATED POST.
2. EMBED POST INTO CONCRETE PIER. SEE DETAIL ON SHEET A7.
3. WALLS: STANDARD GIRTS, 29 GA. STEEL PANEL.

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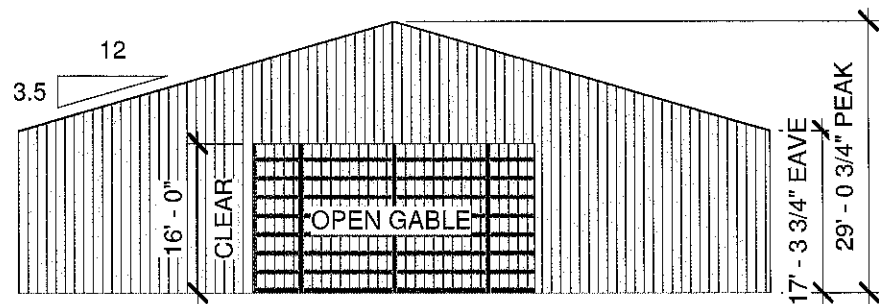
Scale: As indicated

Drawn by: CBC

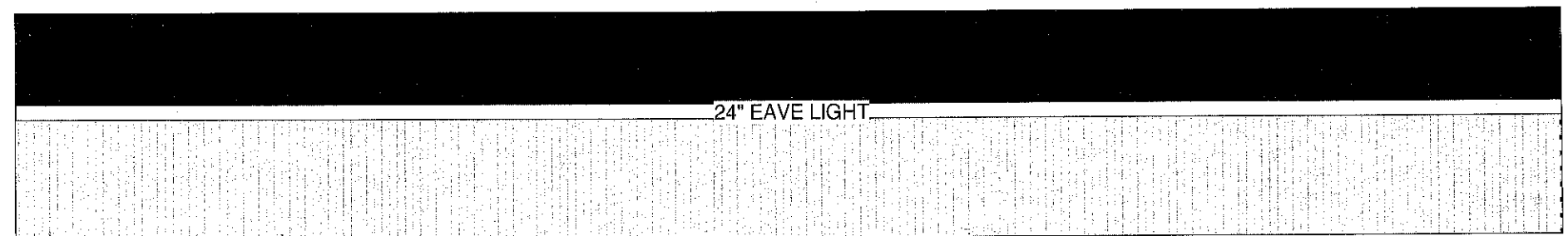
Job: STILLMAN

First Floor Plan

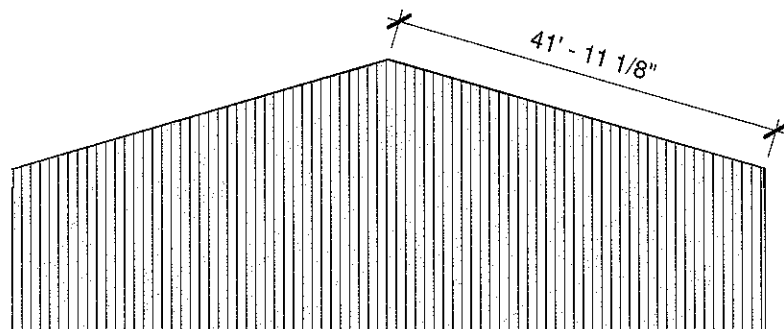
A2



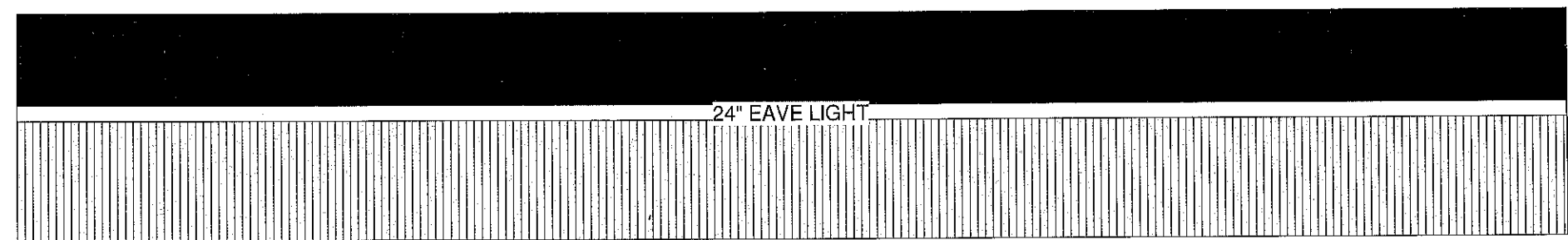
① WEST ELEVATION
1" = 20'-0"



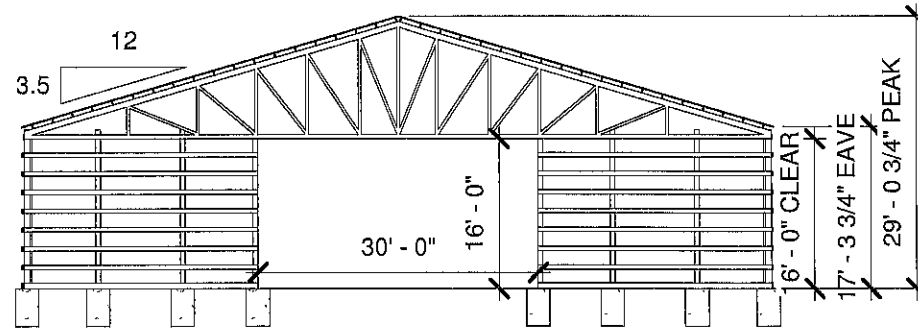
② NORTH ELEVATION
1" = 20'-0"



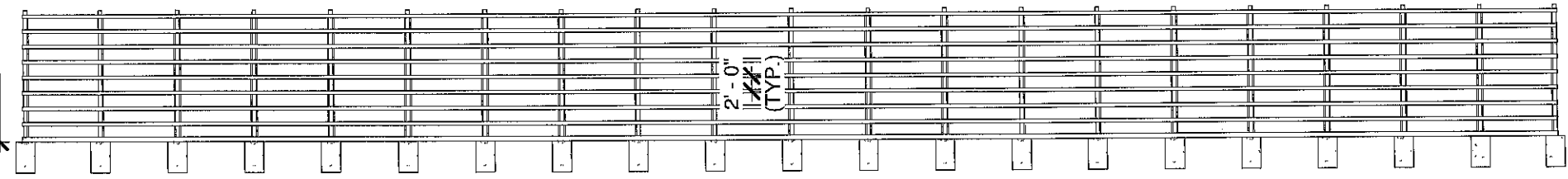
③ EAST ELEVATION
1" = 20'-0"



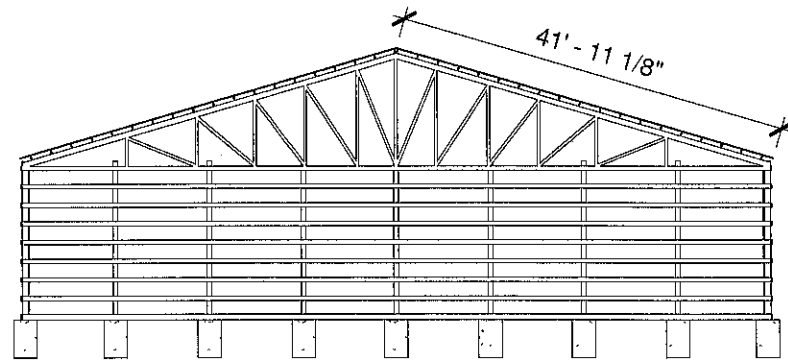
④ SOUTH ELEVATION
1" = 20'-0"



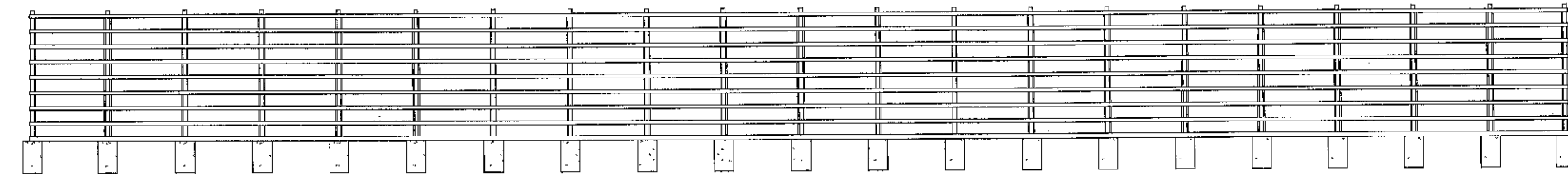
① WEST GIRT
1" = 20'-0"



② NORTH GIRT
1" = 20'-0"



③ EASTGIRT
1" = 20'-0"



④ SOUTH GIRT
1" = 20'-0"

ROPER BUILDINGS

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Date: 2/5/2020

Scale: 1" = 20'-0"

Drawn by: CBC

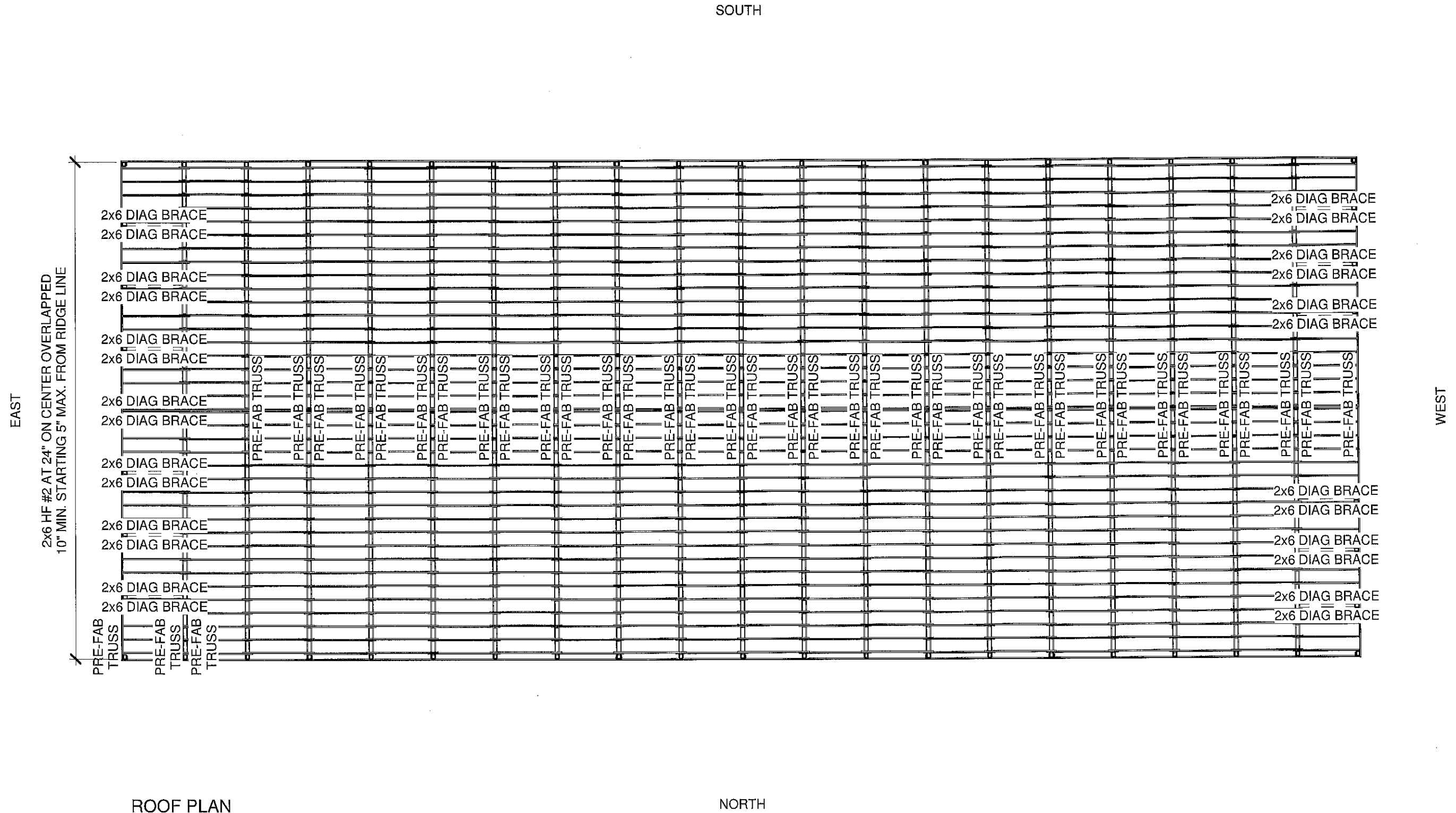
Job: STILLMAN

Girt Plans

A4

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

ROOF FRAMING NOTES:
PITCH: 3.5:12 ROOF PITCH

PURLINS: 2x6 HF #2 AT 24" ON
CENTER OVERLAPPED 10" MIN.
STARTING 5" MAX. FROM RIDGE LINE

Date: 2/5/2020

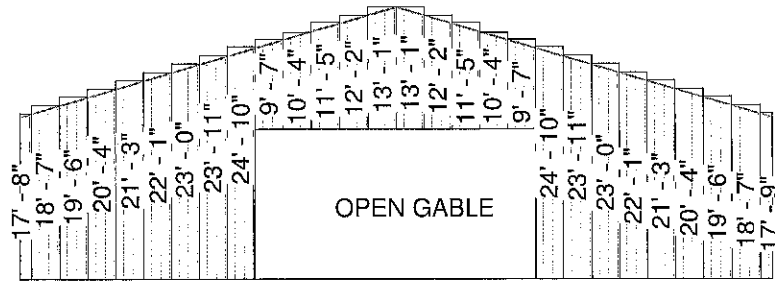
Scale: 1/16" = 1'-0"

Drawn by: CBC

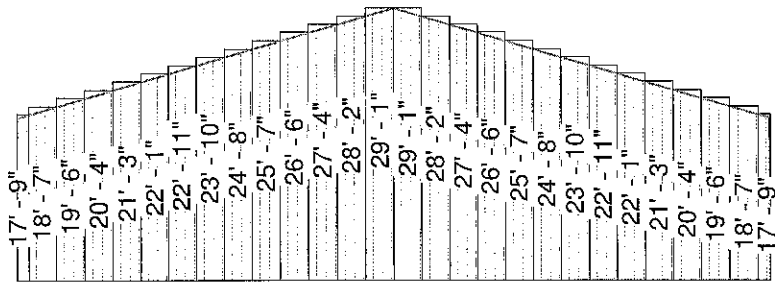
Job: STILLMAN

Roof Plan

A5



① WEST PANEL
1" = 20'-0"



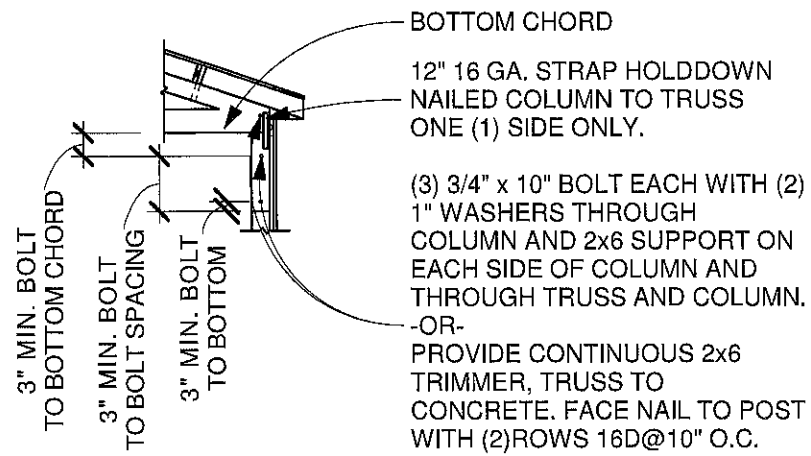
③ EAST PANEL
1" = 20'-0"



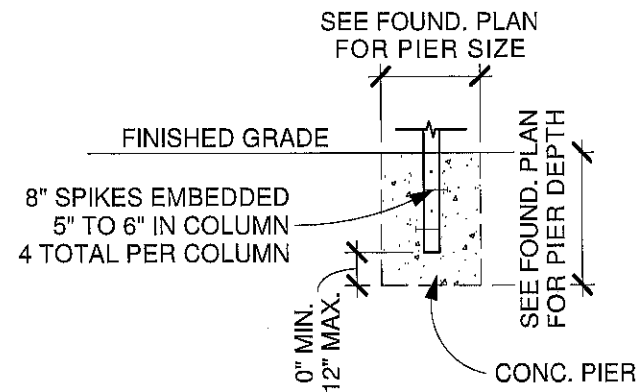
② NORTH PANEL
1" = 20'-0"



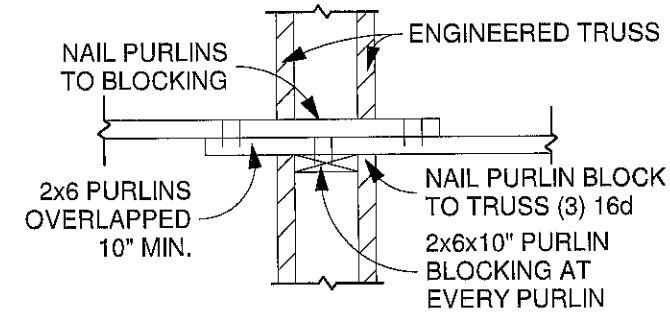
④ SOUTH PANEL
1" = 20'-0"



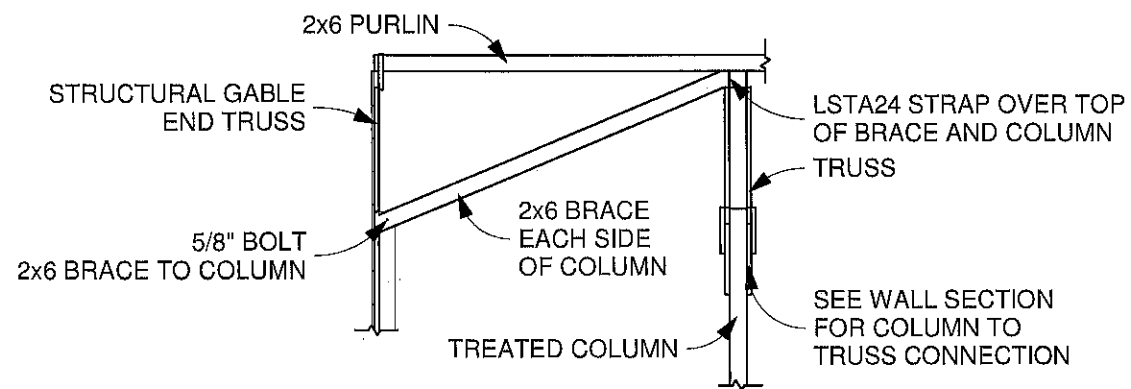
① TRUSS SUPPORT TO POST DETAIL
N.T.S.



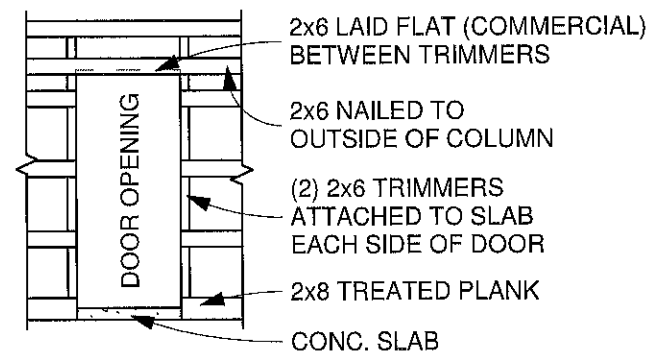
② PIER DETAIL (TYPICAL)
3/16" = 1'-0"



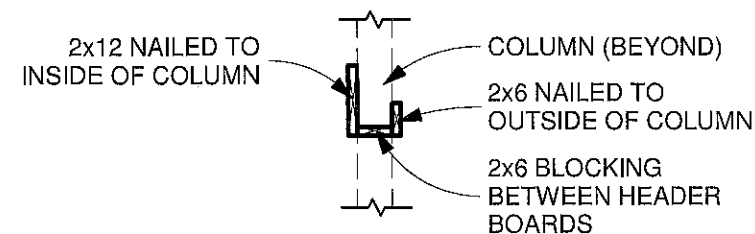
③ TYPICAL PURLIN CONNECTION
N.T.S.



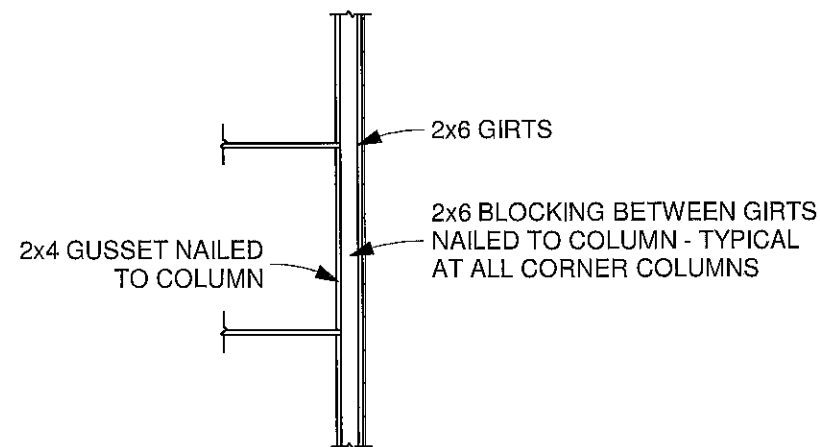
④ COLUMN TO TRUSS BRACE
N.T.S.



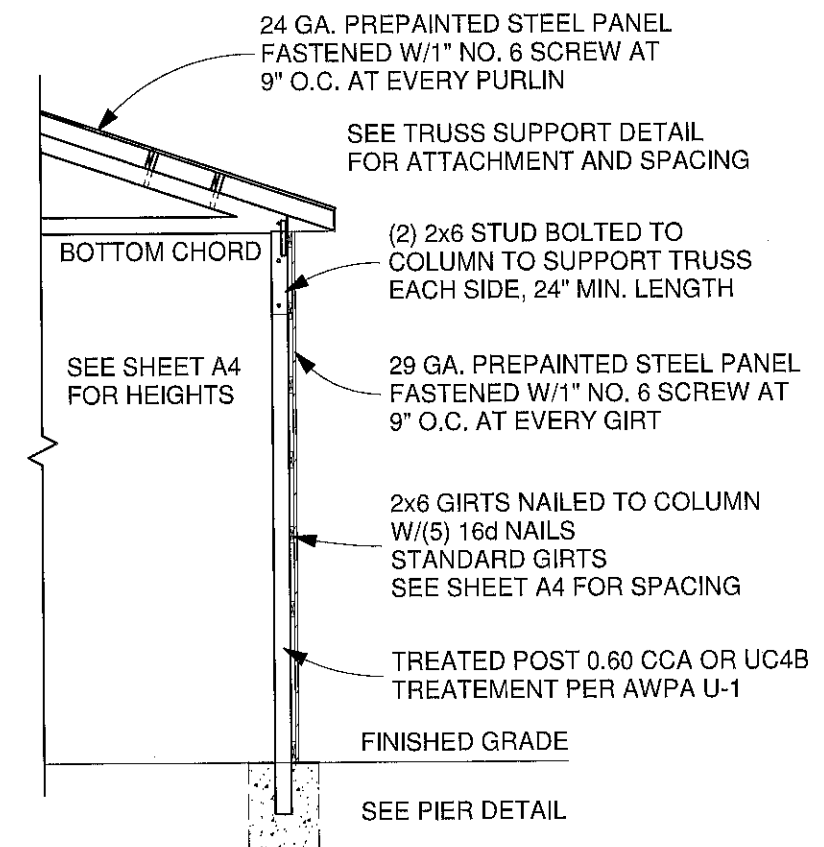
⑤ TYPICAL WALL SECTION
N.T.S.



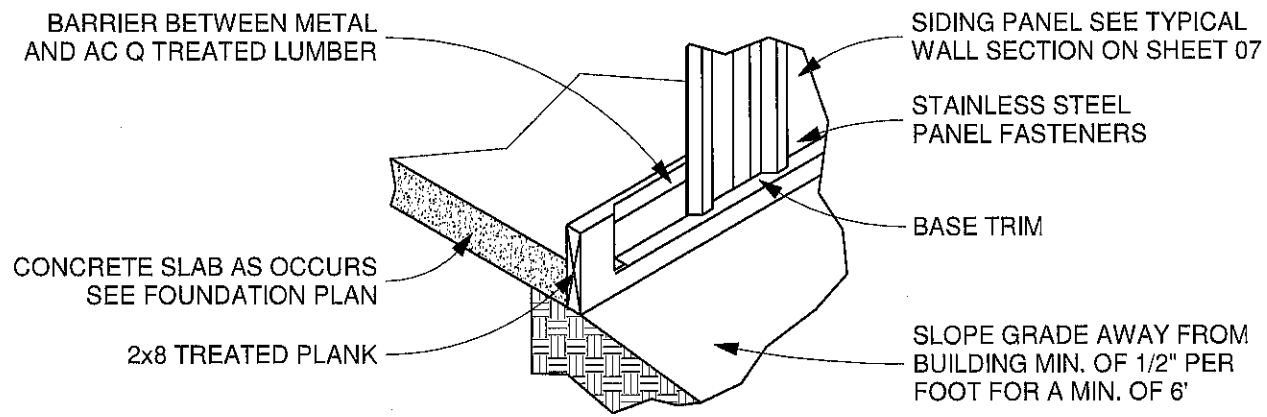
⑥ O.H. DOOR HEADER
N.T.S.



⑦ CORNER BLOCKING DETAIL
N.T.S.



⑧ TYPICAL WALL SECTION
N.T.S.



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

ROPER BUILDINGS
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Date: 2/5/2020
Scale: 3/16" = 1'-0"
Drawn by: CBC
Job: STILLMAN
Details 2

A8

DESIGN CRITERIA	
GOVERNING CODE:	2015 IBC, ASCE 7 RISK CATEGORY I
LIVE LOADS:	
1. SNOW LOAD:	GROUND P_g 57 PSF ROOF P_s 40 PSF + DRIFT Pf: 40 PSF Cs: 0.85 Ce: 1.0 Ct: 1.1 I: 0.8
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) Sms: 1.11 Sm1: 0.57 Sds: 0.74 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 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'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.

ROPER BUILDINGS
 DAN SCARBROUGH
 (801) 540-5586

Date: 2/5/2020

Scale:

Drawn by: CBC

Job: STILLMAN

Engineering Notes

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