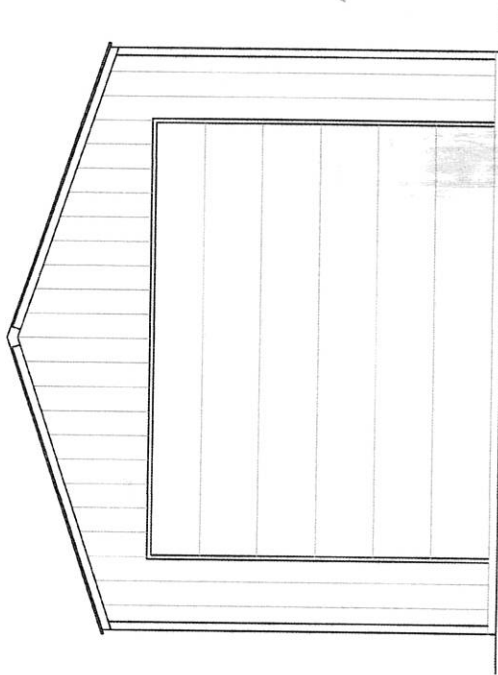


# GEE BUILDING



12/23/2020

| DESIGN CRITERIA  |  |
|------------------|--|
| GOVERNING CODE:  | 2018 IBC, ASCE 7<br>RISK CATEGORY I  |
| LIVE LOADS:      |  |
| 1. SNOW LOAD:    | GROUP 1a<br>Ps: 30 PSF<br>Cs: 1.0<br>Ct: 1.0<br>Cd: 0.8  |
| 2. WIND:         | DESIGN WIND SPEED: 80 MPH<br>EXPOSURE: B<br>R: 1.0<br>Kz: 1.0<br>Kd: 0.8   |
| 3. SEISMIC:      | SEISMIC DESIGN CATEGORY: 1<br>SITE CLASS: 1<br>Ss: 0.25<br>S1: 0.25  |
| 4. SOIL BEARING: | ALLOWABLE PRESSURE ON NATIVE SOIL:<br>FLOOR: 10 PSF<br>CEILING: 10 PSF<br>CONCRETE: 144 PSF (FRESH, FOUND, ETC.) |
| 5. DEAD LOADS:   |  |

**CONC. FOUNDATION PIERS**  
SIZE (MINIMUM): SEE FOOTING PLAN.  
REINFORCEMENT: SEE DETAILS.

**SOILS AND EXCAVATION NOTES**  
UNFIELD SOIL CLASSIFICATION: NO SOILS REPORT PROVIDED.  
ALLOWABLE BEARING CAPACITY: 1000 PSF (ASSUMED).  
GEOTECHNICAL HAZARDS FOUND ON OR AROUND THE SITE INCLUDING EXPANSIVE CLAYS, OR SOILS FOUND AT THE SITE WHILE EXCAVATION OCCURRED THAT 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" REINFORCEMENT. PROVIDE DEEP CONSTRUCTION / CONSTRUCTION JOINTS NO FURTHER THAN 10' APART IN ANY DIRECTION.

**GENERAL CONTRACTOR:**

**CONSULTING STRUCTURAL ENGINEER:**  
PRICE ENGINEERING  
CONTACT: KYLE PRICE  
PHONE: 801-791-6274

**DRAFTER:**  
LAKMAN DESIGNS  
CONTACT: TIM LAKMAN  
(801) 205-0382

**PROJECT INFORMATION:**  
BILL GEE  
3112 W 1800 S  
WEST WEBER, UTAH

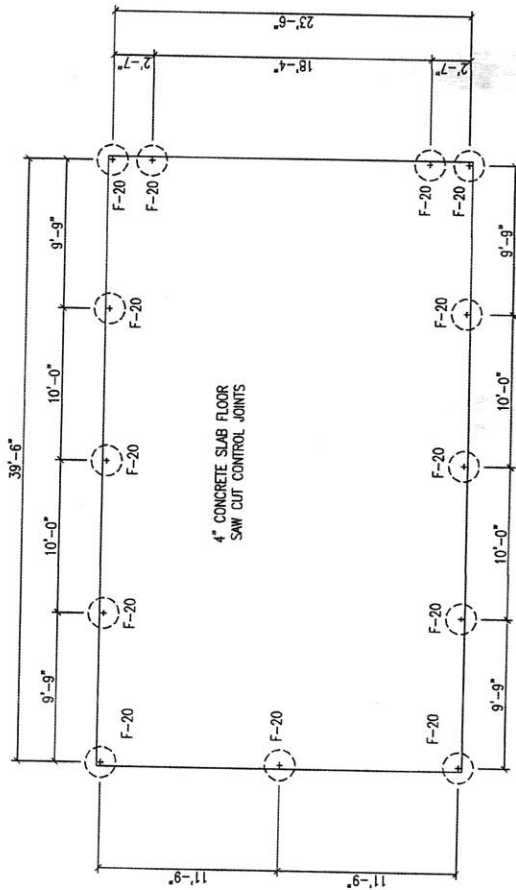
**BUILDING INFORMATION:**  
BUILDING DIM: 24'x40'  
BUILDING SQ. FT.: 960  
TOTAL SQ. FOOTAGE: 960

**DRAWING INDEX:**

|    |                 |
|----|-----------------|
| 00 | COVER SHEET     |
| 01 | FOUNDATION PLAN |
| 02 | FLOOR PLAN      |
| 03 | ROOF PLAN       |
| 04 | ELEVATIONS      |
| 05 | GIRT WALLS      |
| 06 | PANEL LAYOUT    |
| 07 | DETAILS         |
| 08 | DETAILS         |
| 09 | DETAILS         |

FOOTING/FOUNDATION NOTES

F-20: 20" DIA. x 36" DEEP CONCRETE PIER



FOUNDATION PLAN



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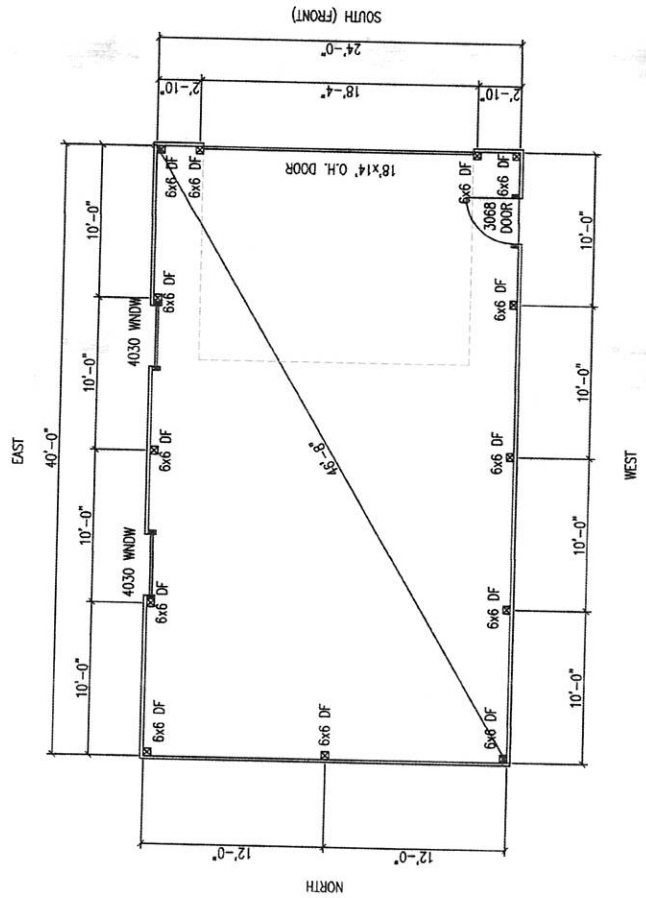
**COLUMN AND FRAMING NOTES**

6x6 DF: 6x6 DF-L #1 TREATED POST  
 TREATED FOR DECAY RESISTANCE  
 AND RATED FOR GROUND CONTACT  
 OR PERMANENT FOUNDATION USE.  
 EMBED IN CONCRETE PRESS PER PLAN.

GIRTS: 2x6 DF-L #2 AT 24"  
 ON CENTER (MAX.)



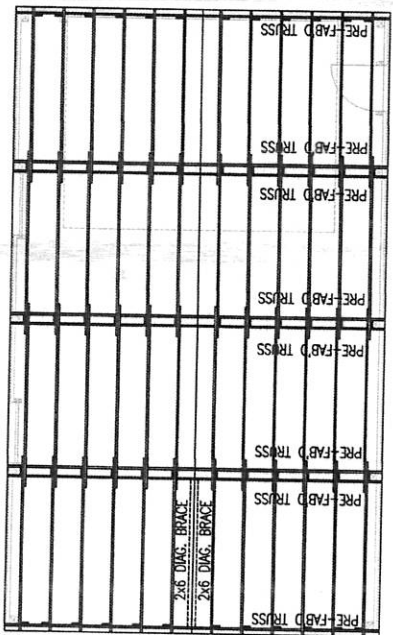
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**FLOOR PLAN**

ROOF FRAMING NOTES:

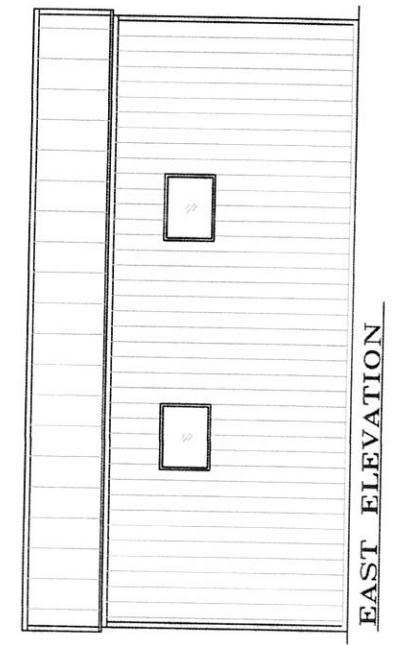
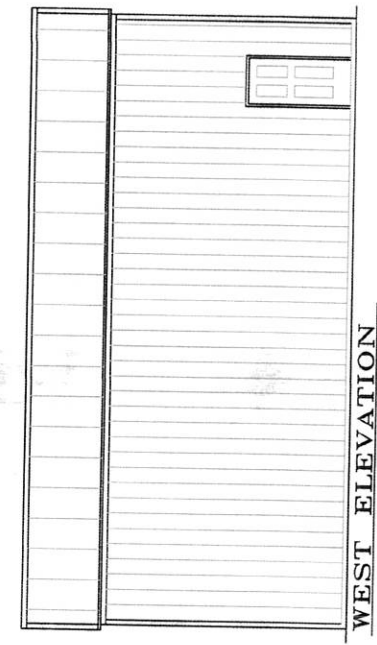
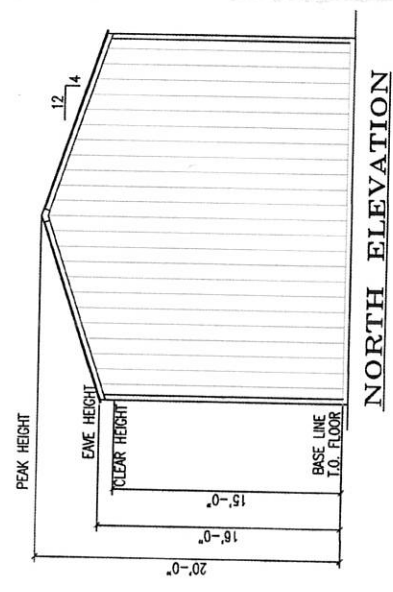
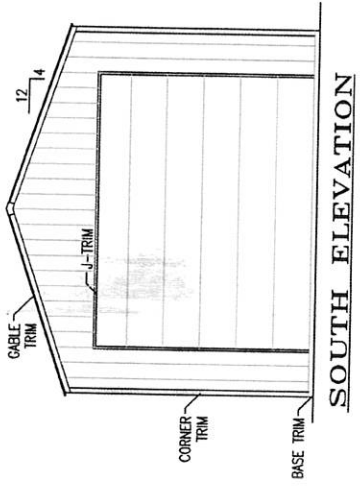
PITCH: 4:12 ROOF PITCH  
 PURLINS: 2x6 DF-L #2 AT 24" ON CENTER  
 OVERLAPPED 10" MIN. STARTING  
 5" MAX. FROM RIDGE LINE

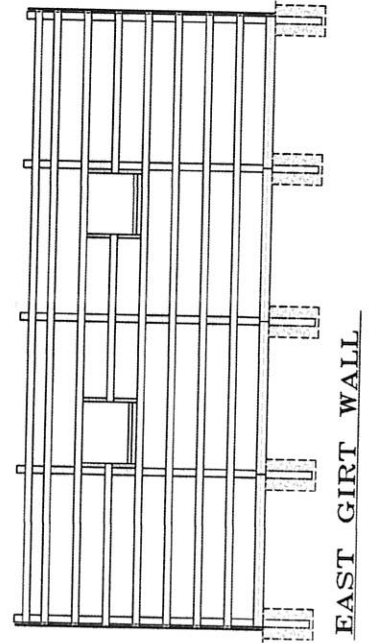
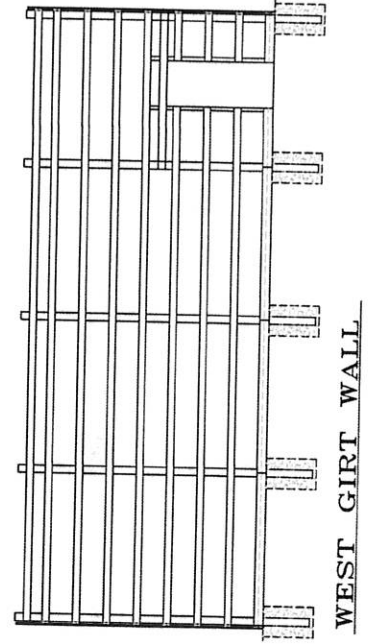
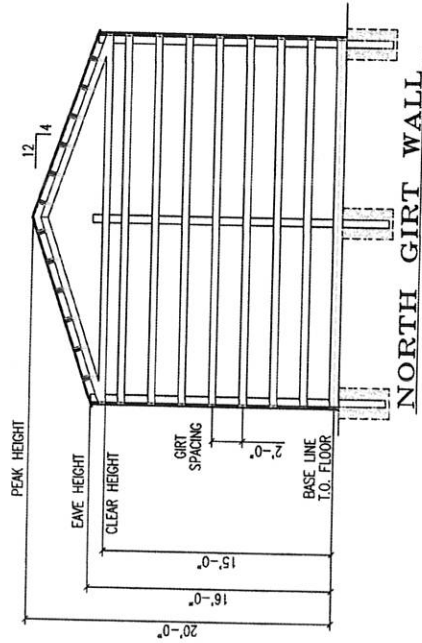
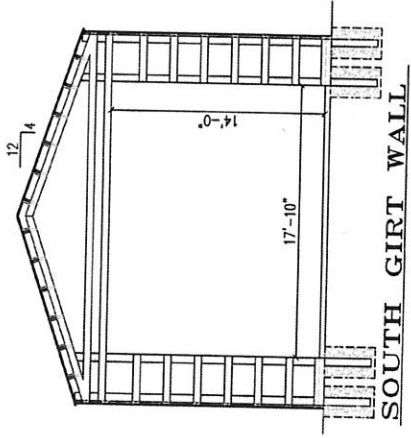


ROOF PLAN



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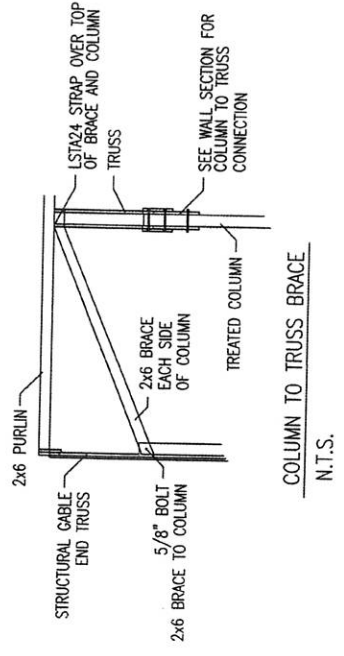




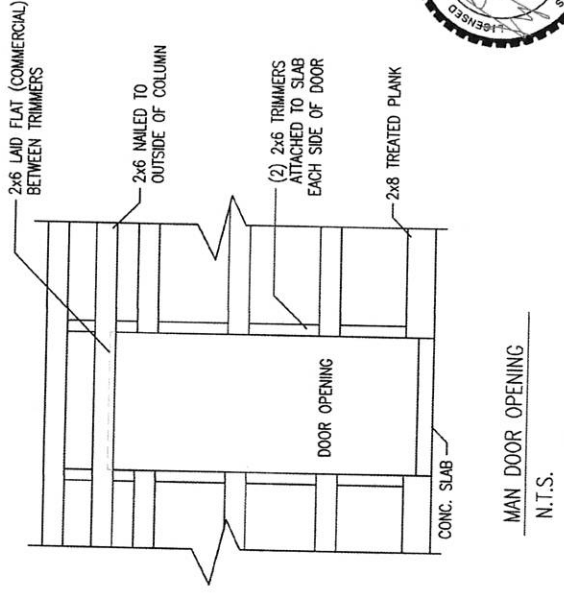




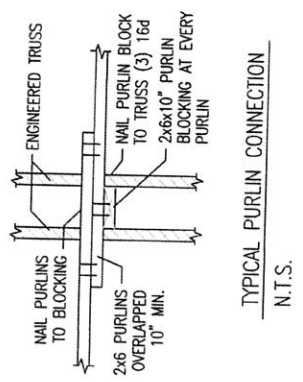
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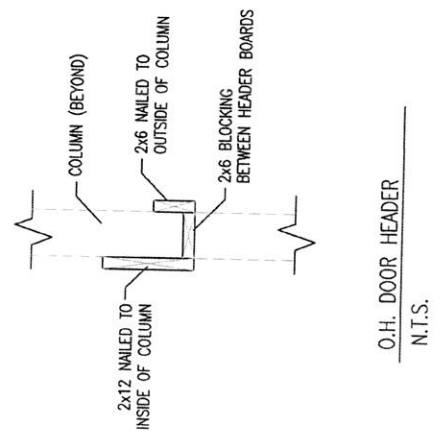
COLUMN TO TRUSS BRACE  
N.T.S.



MAN DOOR OPENING  
N.T.S.

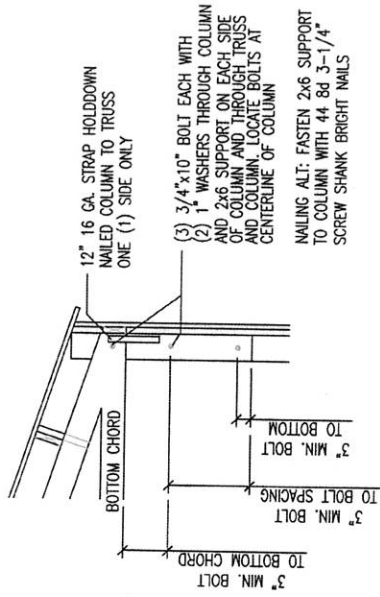


TYPICAL PURLIN CONNECTION  
N.T.S.

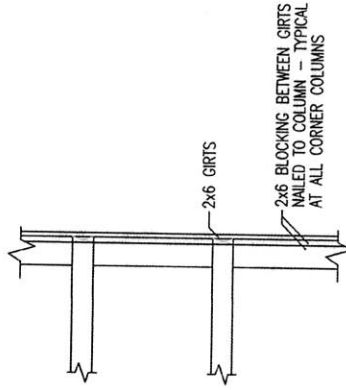


O.H. DOOR HEADER  
N.T.S.

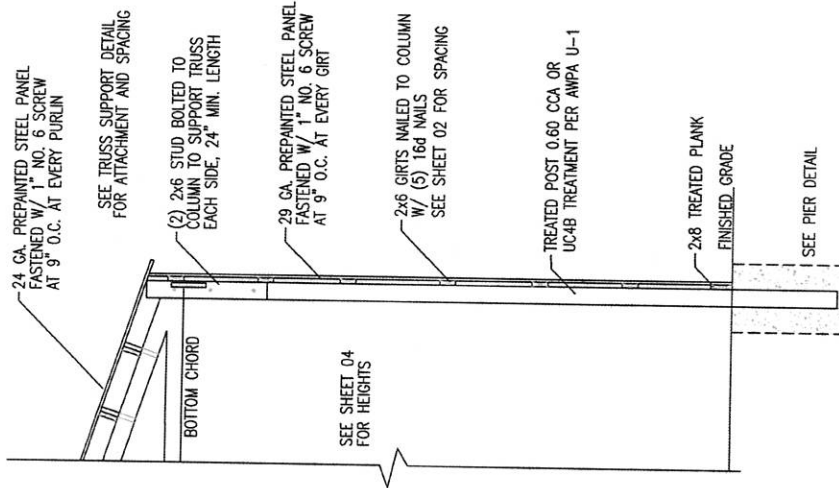




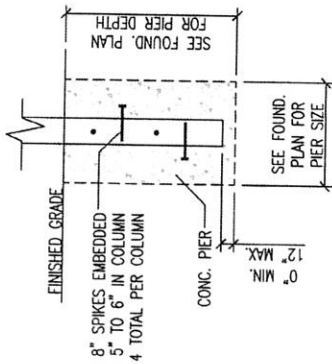
TRUSS SUPPORT TO POST DETAIL  
N.T.S.



CORNER BLOCKING DETAIL  
N.T.S.



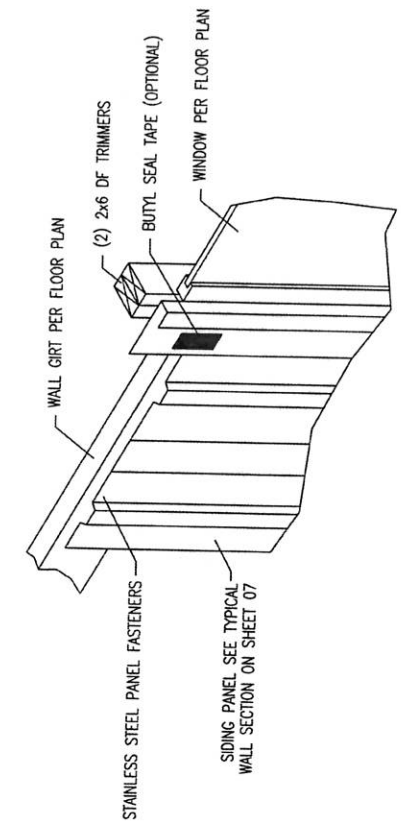
TYPICAL WALL SECTION  
N.T.S.



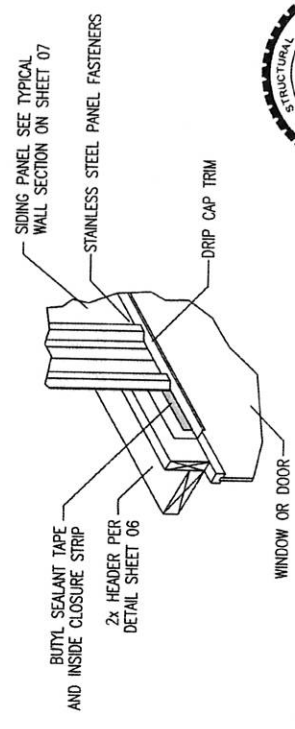
PIER DETAIL (TYPICAL)  
N.T.S.



12/23/2020



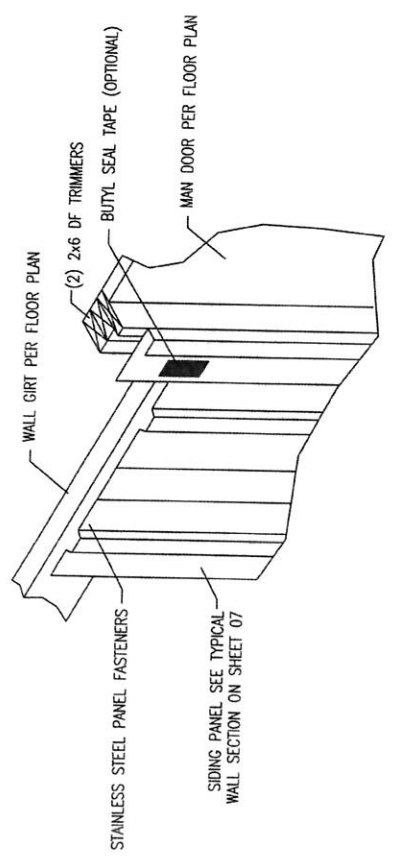
WINDOW JAMB FLASHING  
N.T.S.



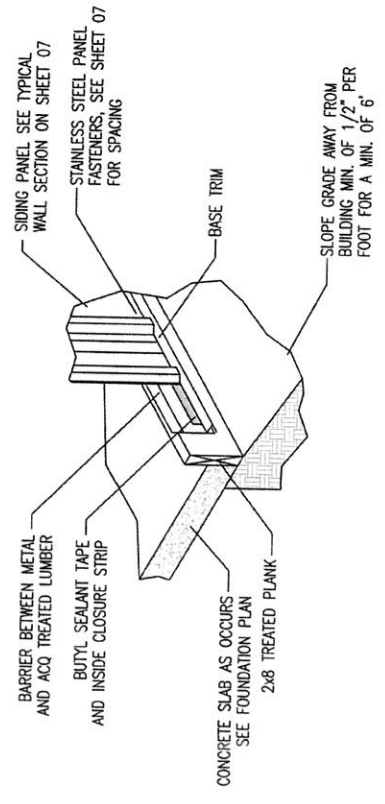
WINDOW/DOOR HEADER FLASHING  
N.T.S.



12/23/2020



MAN DOOR JAMB FLASHING  
N.T.S.



BASE GUARD FLASHING  
N.T.S.