



TRI-STATE BUILDING SPECIALTIES
 1985 RUTGER UNIVERSITY BLVD
 LAKEWOOD, NJ 08701
 732-780-9756 PHONE
 888-567-2049 FAX

SAMPLE SUNROOM
 RAVENNA CT
 TOMS RIVER NJ 08757

MINIMUM N DESIGN LOADS:

DEAD LOADS:

- 1. ROOF: 2 PSF
- 2. WALLS: 5 PSF
- 3. FLOOR: 5 PSF

LIVE LOADS:

- 1. ROOF: 30 PSF
- 2. WALLS: 120 MPH - 3 SEC. WIND GUST
- 3. FLOOR: 40 PSF

DEFLECTION LIMITS:

- 1. ROOF: L/180
- 2. WALLS: L/175
- 3. FLOOR: L/240

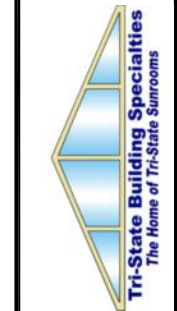
SUNROOM SPECIFICATIONS

ROOM STYLEGABLE 8 TO 11
 ROOM DIMENSIONS: 11'6" x 20'
 COLOR: WHITE
 HIGH PERFORMANCE MULTI COAT GLASS
 SLIDING WINDOWS TEMP SAFETY TEMPERED

TRI-STATE SUNROOMS MEET THE BELOW REQUIREMENTS:

- INTERNATIONAL RESIDENTIAL CODE 2009, NEW JERSEY EDITION - R308 - " GLAZING" REQUIRED TEMPERED SAFTY GLASS/ETCHED
- INTERNATIONAL RESIDENTIAL CODE 2009, NEW JERSEY EDITION - R301.2.1 MEETS THE MINIMUM 115MPH WIND SPEED FOR THE AREA
- INTERNATIONAL RESIDENTIAL CODE 2009, NEW JERSEY EDITION - R301.2.3 MEETS THE MINIMUM 30PSF SNOW LOAD
- MEETS THE NATIONAL ELECTIC 2011 EDITION

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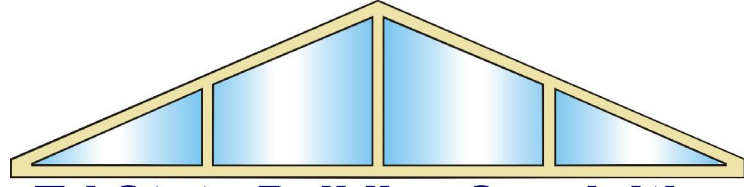
JAMES A. CLANCY

856-853-7381
 Fax: 856-853-7306
 Phone

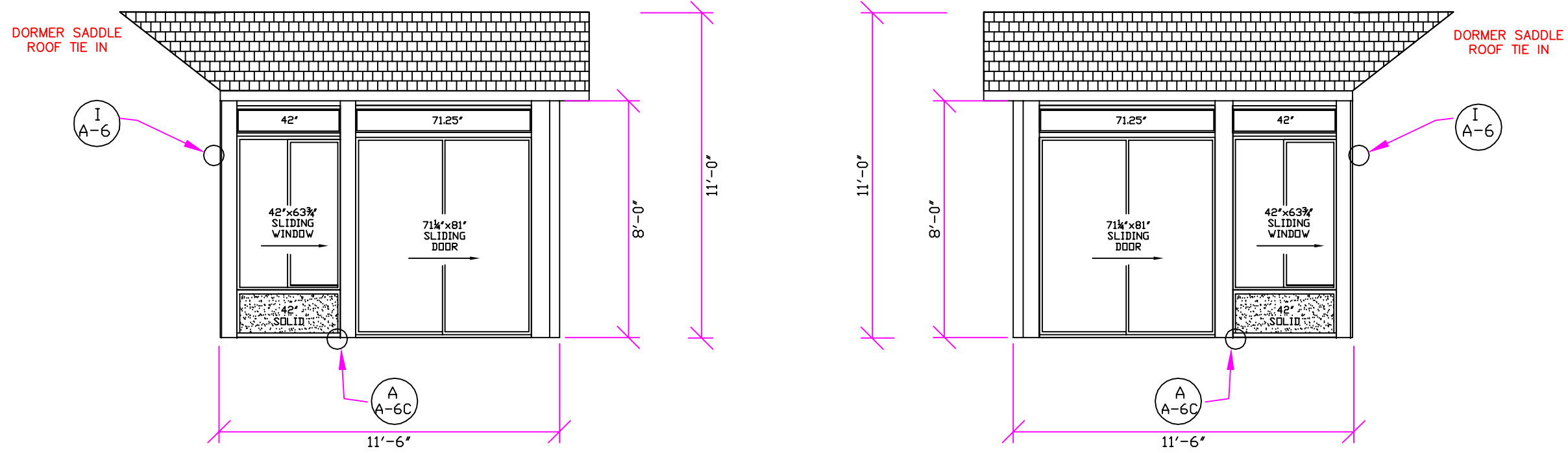
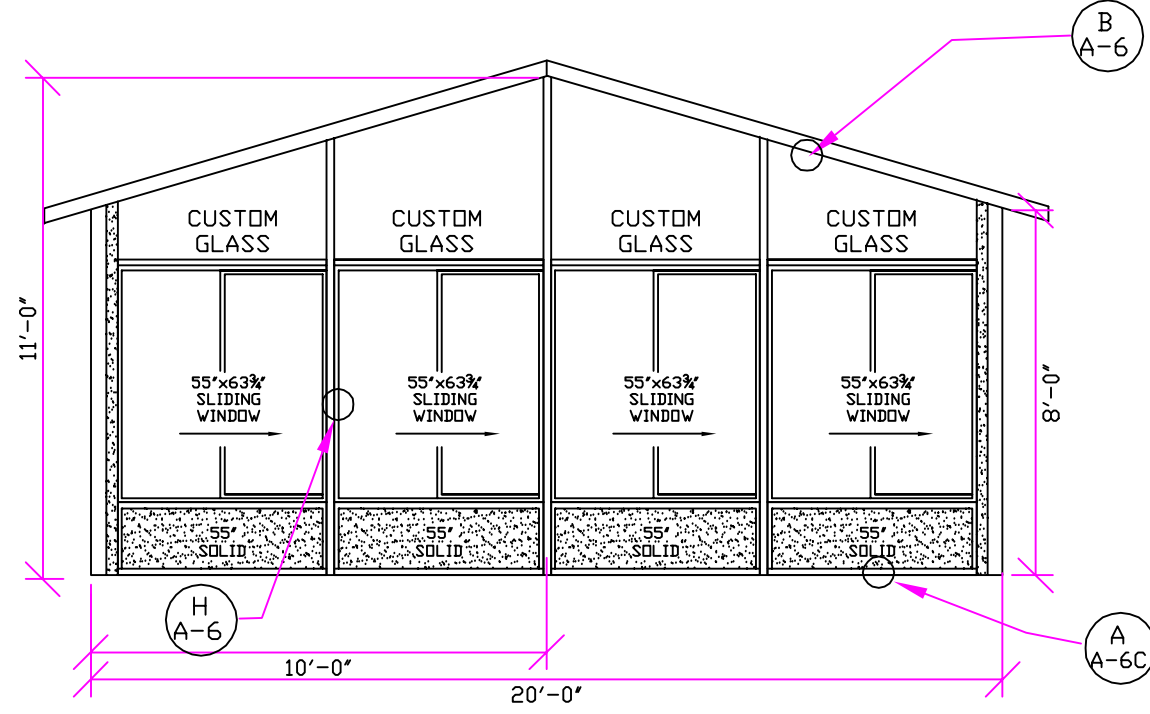
JAMES A. CLANCY
 CONSULTING ENGINEER
 601 ASBURY AVENUE
 NATIONAL PARK, NJ 08063

Professional Engineer & Land Surveyor NJ LIC# 33998
 Professional Planner NJ LIC# 04200

ELEVATIONS



Tri-State Building Specialties
The Home of Tri-State Sunrooms



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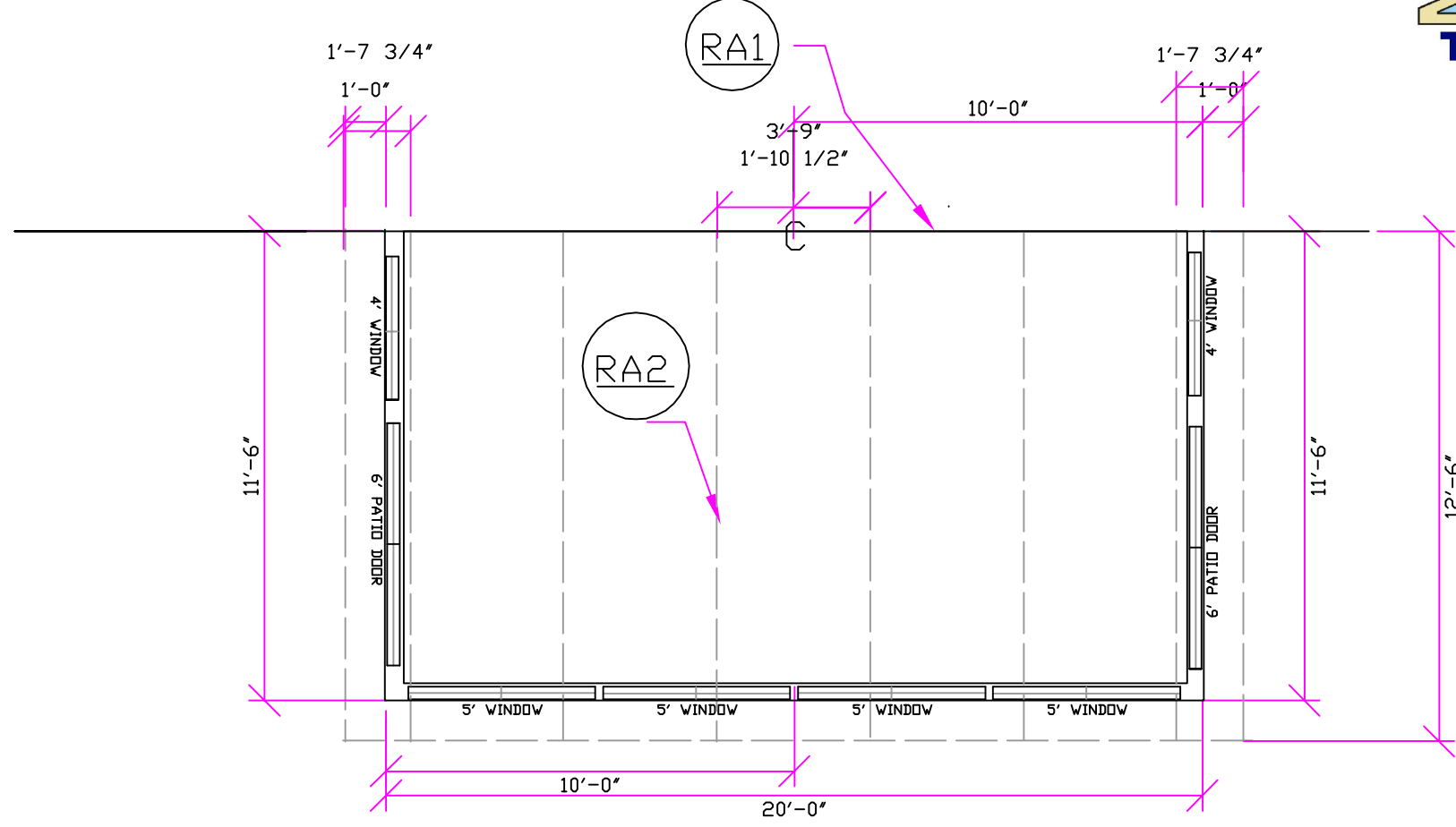
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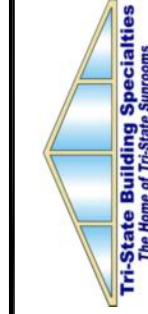
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FLOOR PLAN



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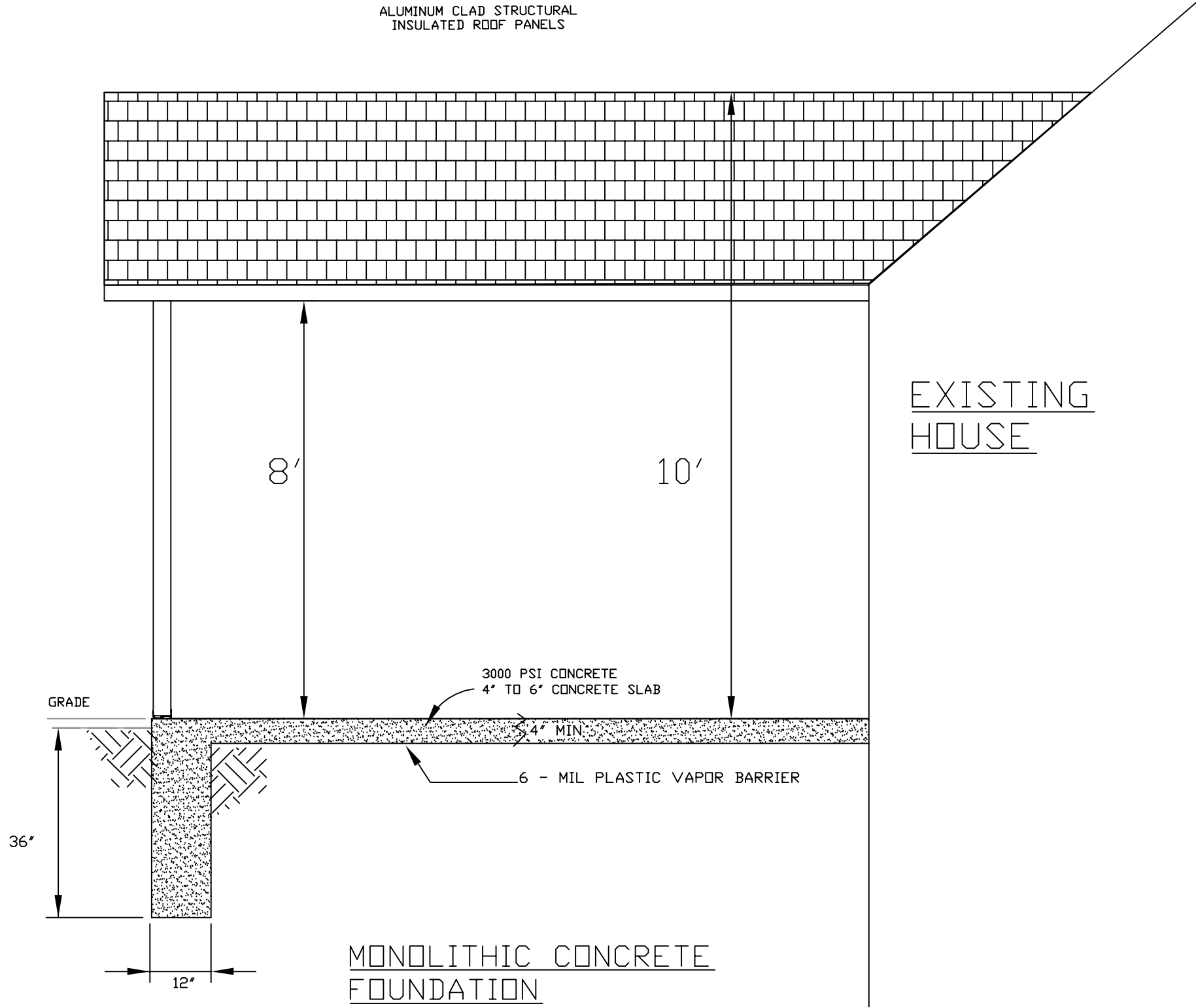
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CROSS SECTION



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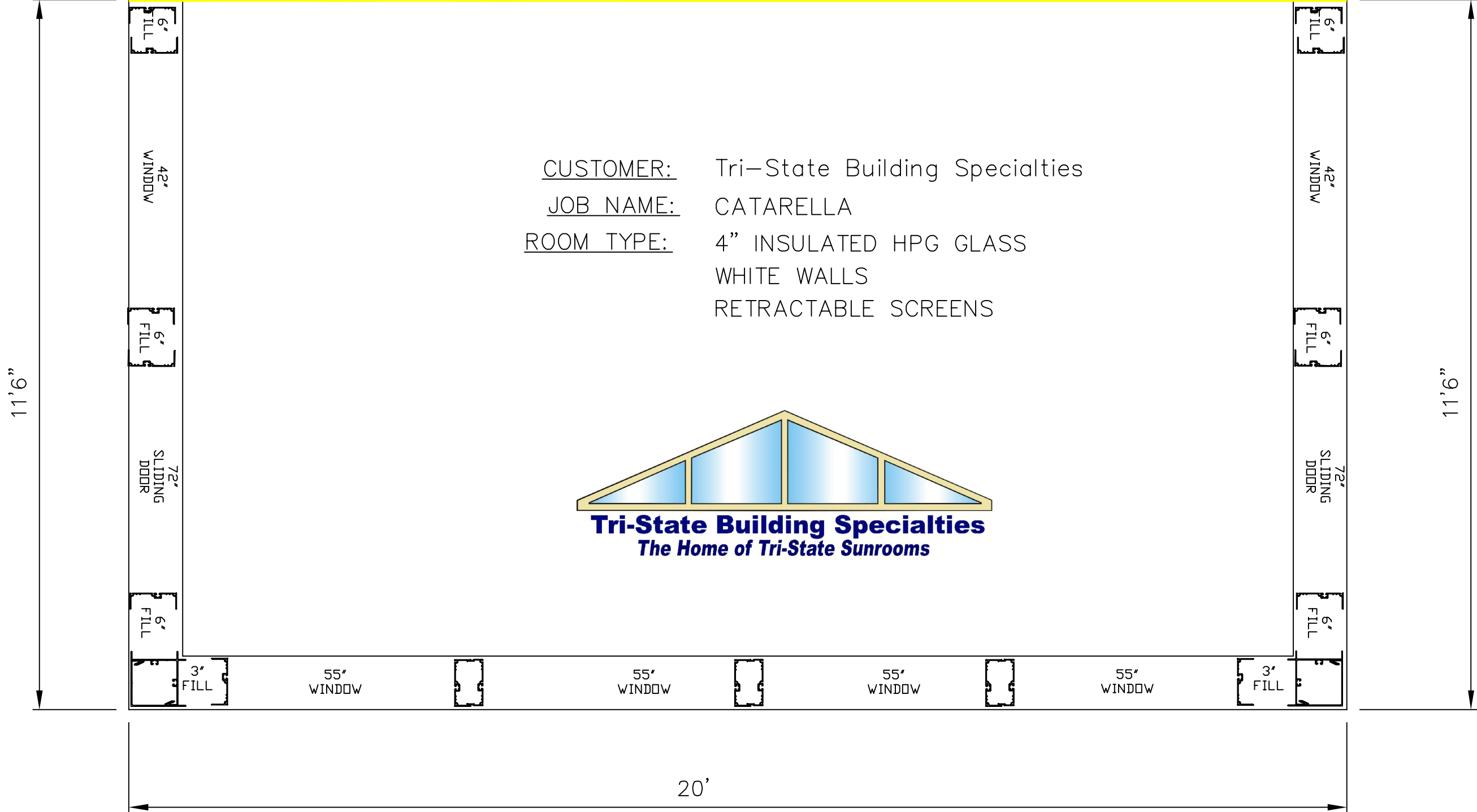


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CUSTOMER: Tri-State Building Specialties
JOB NAME: CATARELLA
ROOM TYPE: 4" INSULATED HPG GLASS
 WHITE WALLS
 RETRACTABLE SCREENS



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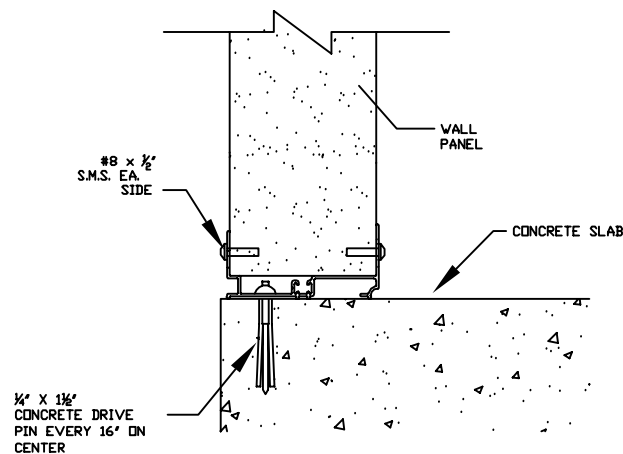
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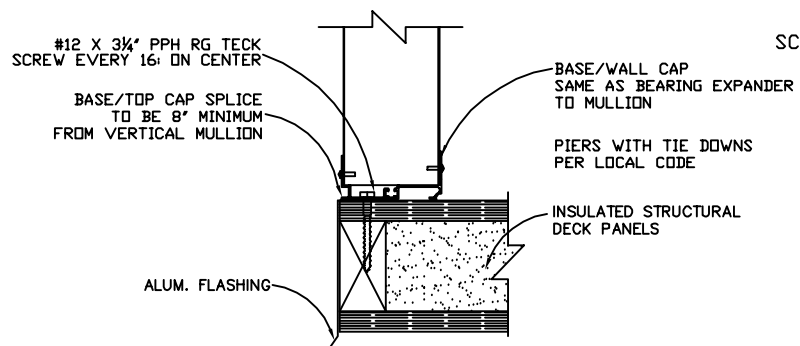
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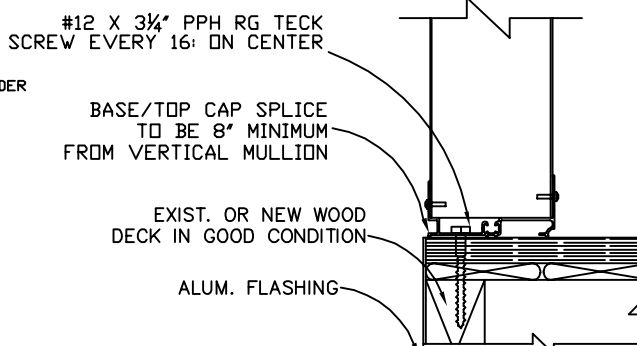
CONNECTION DETAILS A6



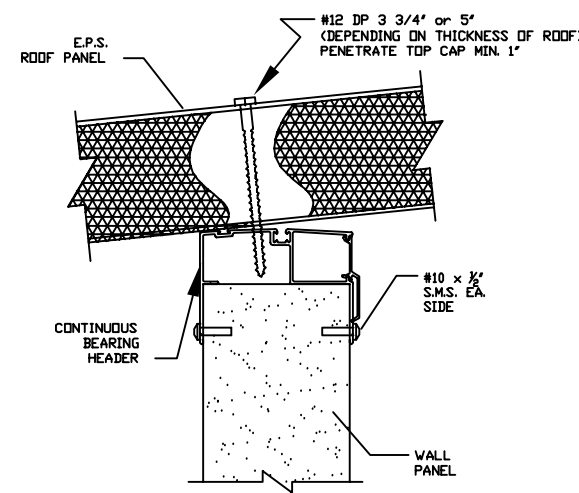
A
A-6C
DETAIL
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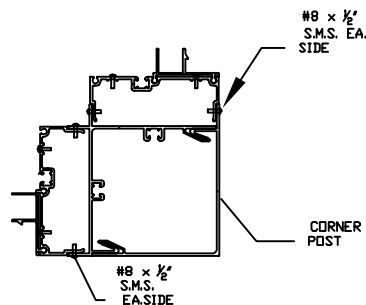
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A-6D
DETAIL
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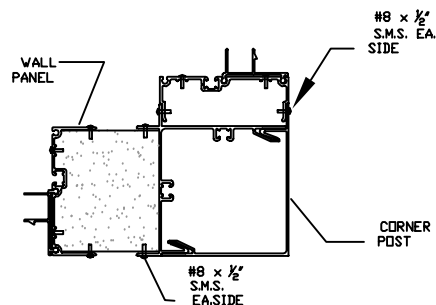
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DETAIL
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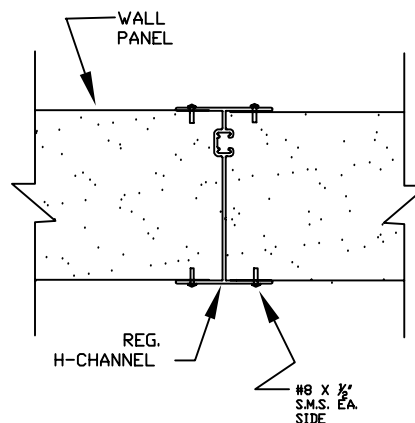
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DETAIL
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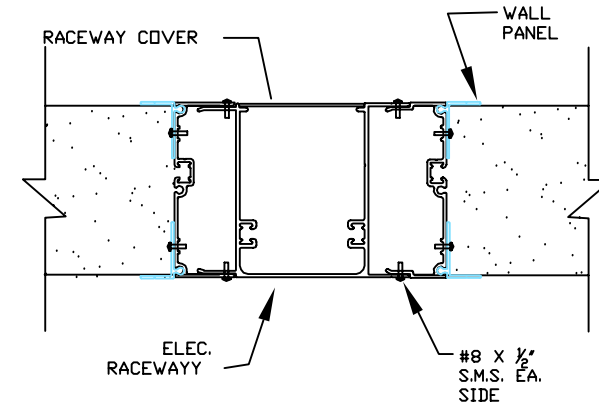
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DETAIL
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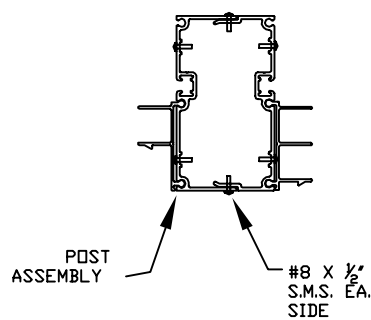
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DETAIL
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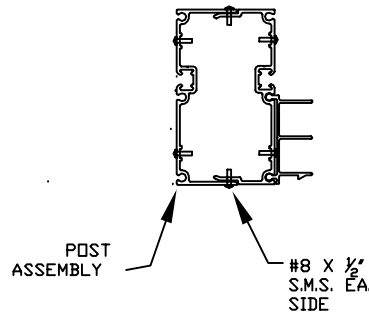
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DETAIL
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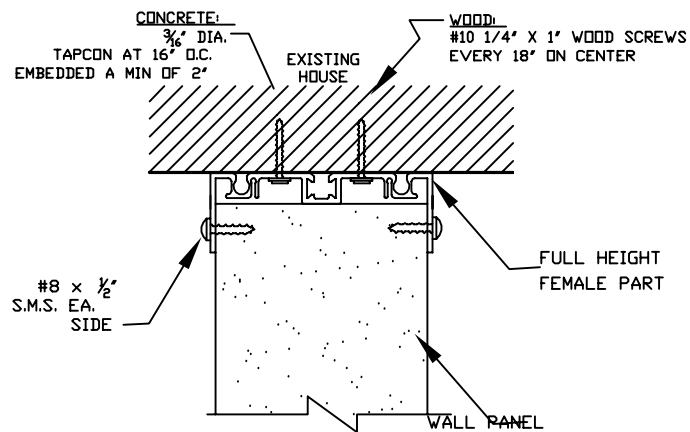
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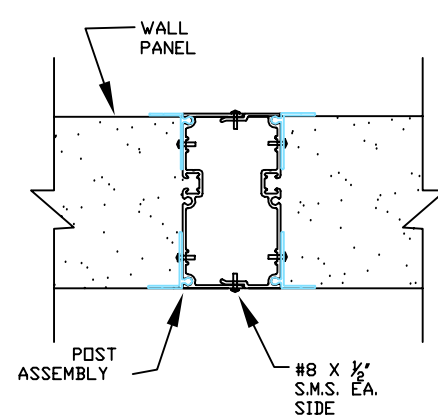
H
A-6
DETAIL
N.T.S.



E
A-6
DETAIL
N.T.S.

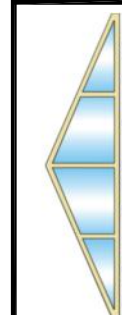


I
A-6
DETAIL
N.T.S.



G
A-6
DETAIL
N.T.S.

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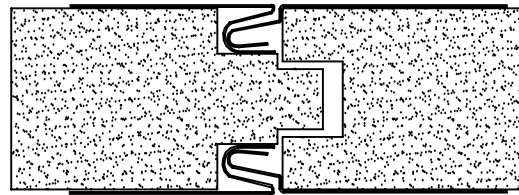
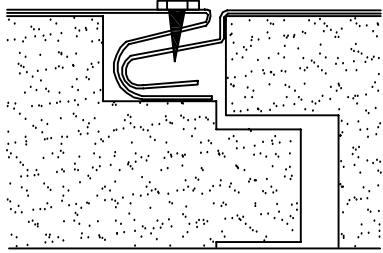
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ROOF CONNECTION DETAILS

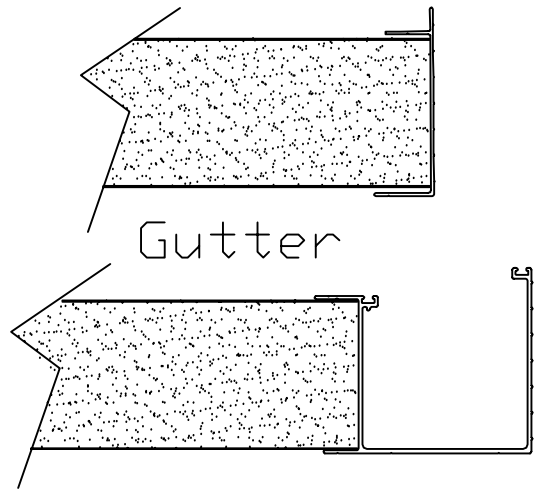
#10 SMS AT 24" c/c MAXIMUM
BUT NOT LESS THAN 6-SCREWS PER
PANEL JOINT



PANEL JOINT

RA2

Fascia

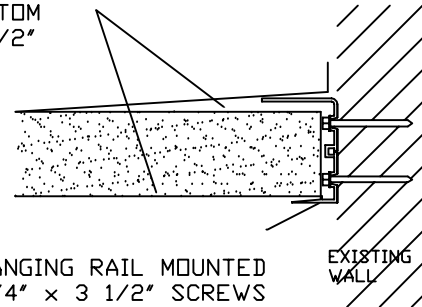


Gutter

RA1

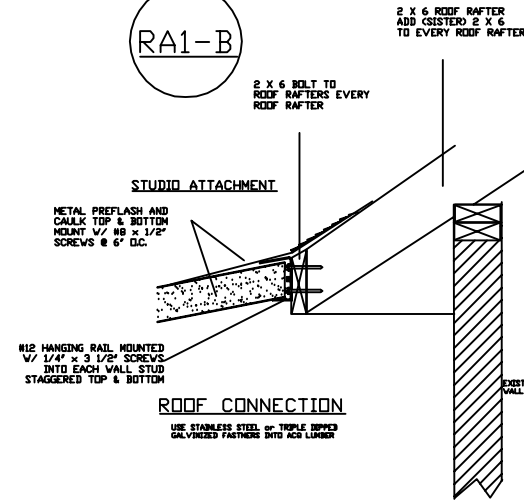
ROOF CONNECTION RA1

METAL PREFLASH AND
CAULK TOP & BOTTOM
MOUNT W/ #8 x 1/2"
SCREWS @ 6" O.C.



#12 HANGING RAIL MOUNTED
W/ 1/4" x 3 1/2" SCREWS
INTO EACH WALL STUD @16" O.C
STAGGERED TOP & BOTTOM

RA1-B



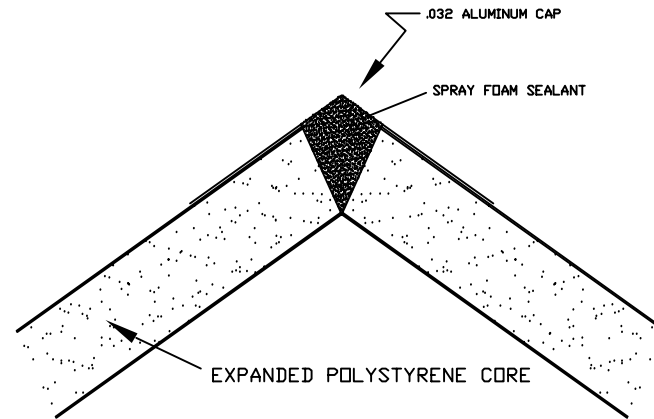
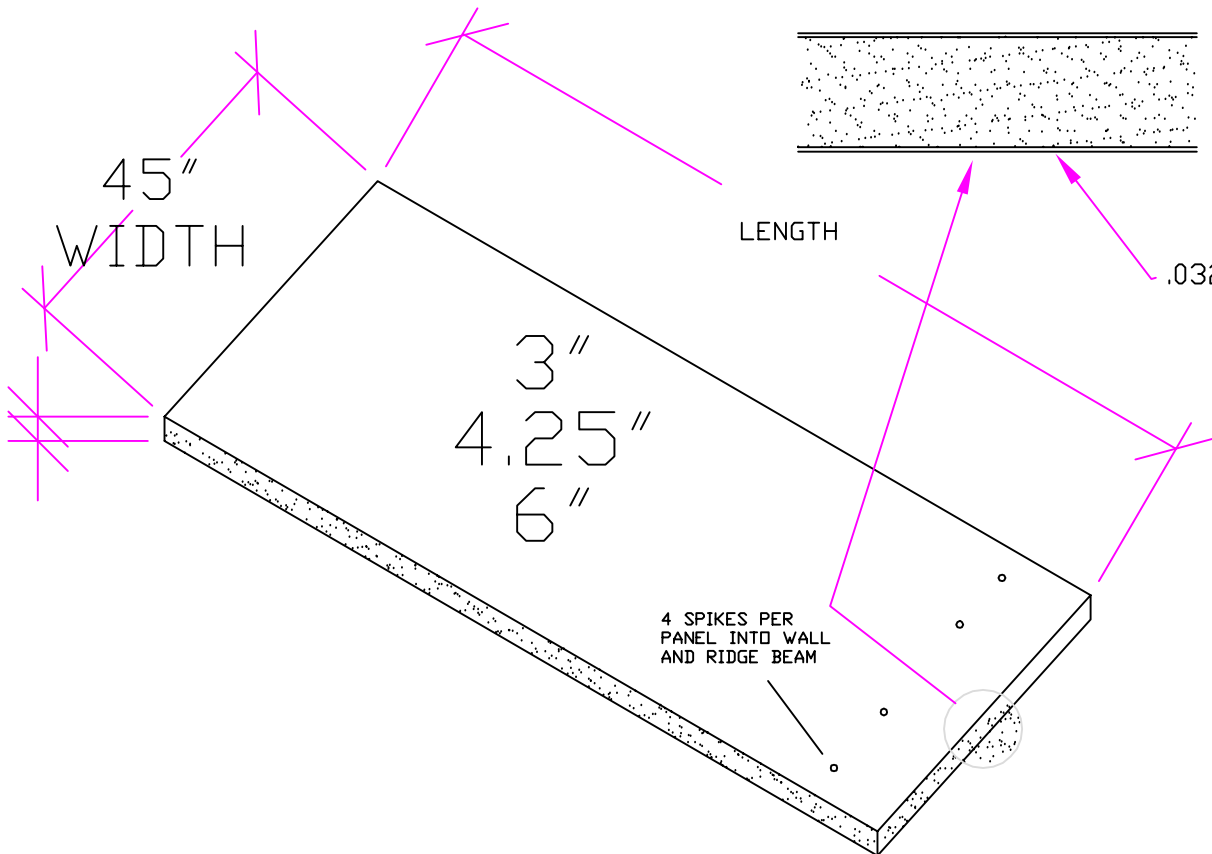
STUDIO ATTACHMENT

ROOF CONNECTION

EXPANDED POLYSTYRENE CORE

3" - 4.25" - 6"

.032 INCH ALUMINUM

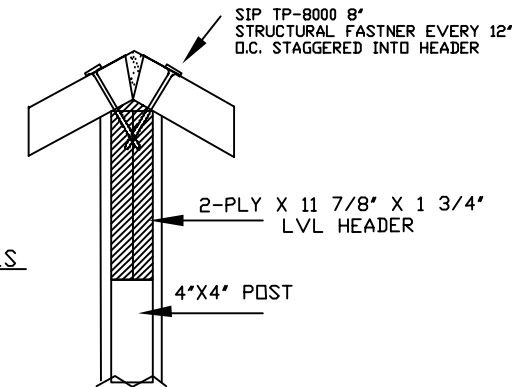


RA3

DETAIL
N.T.S.

RA4

RIDGE BEAM DETAILS



NOTE:
DUE TO VARYING CONSTRUCTION METHODS, THE RIDGE BEAM TO HOUSE
WALL CONNECTION IS THE RESPONSIBILITY OF THE CONTRACTOR.
CONTRACTOR RESPONSIBILITY TO MEET ALL BUILDING CODES

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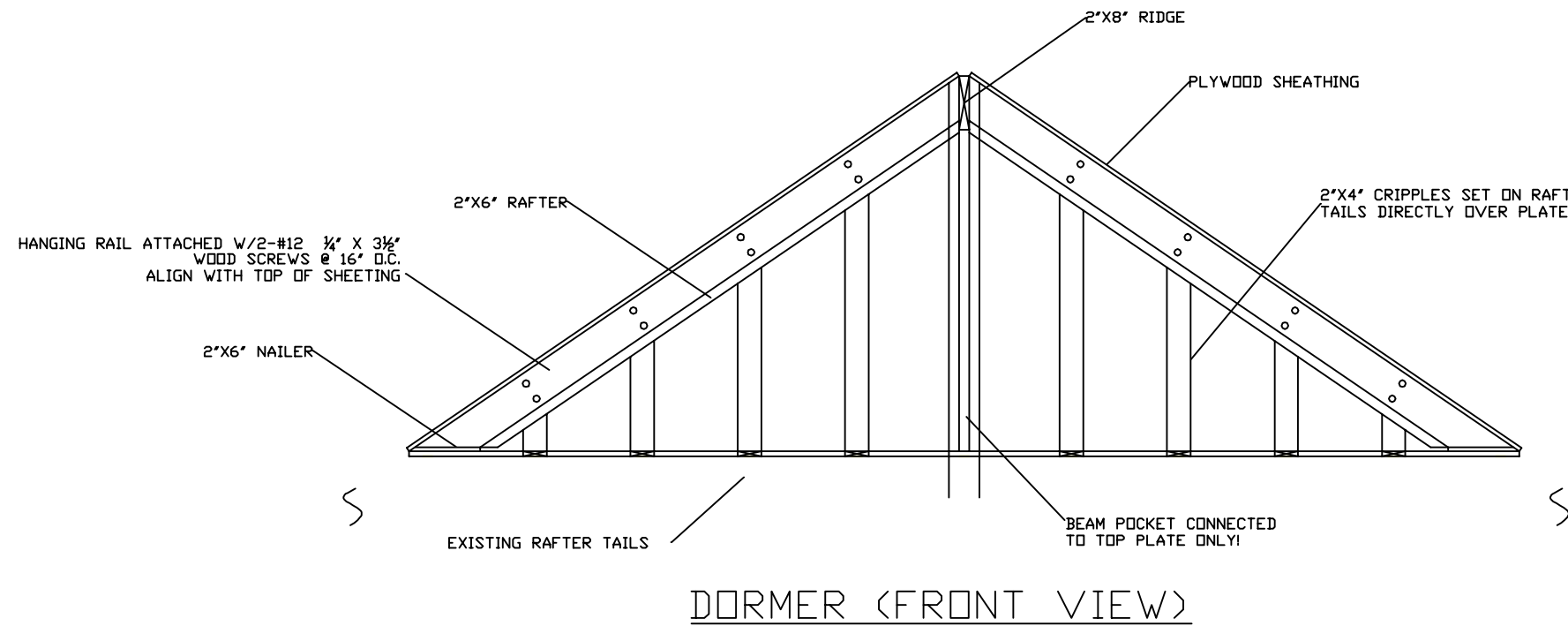
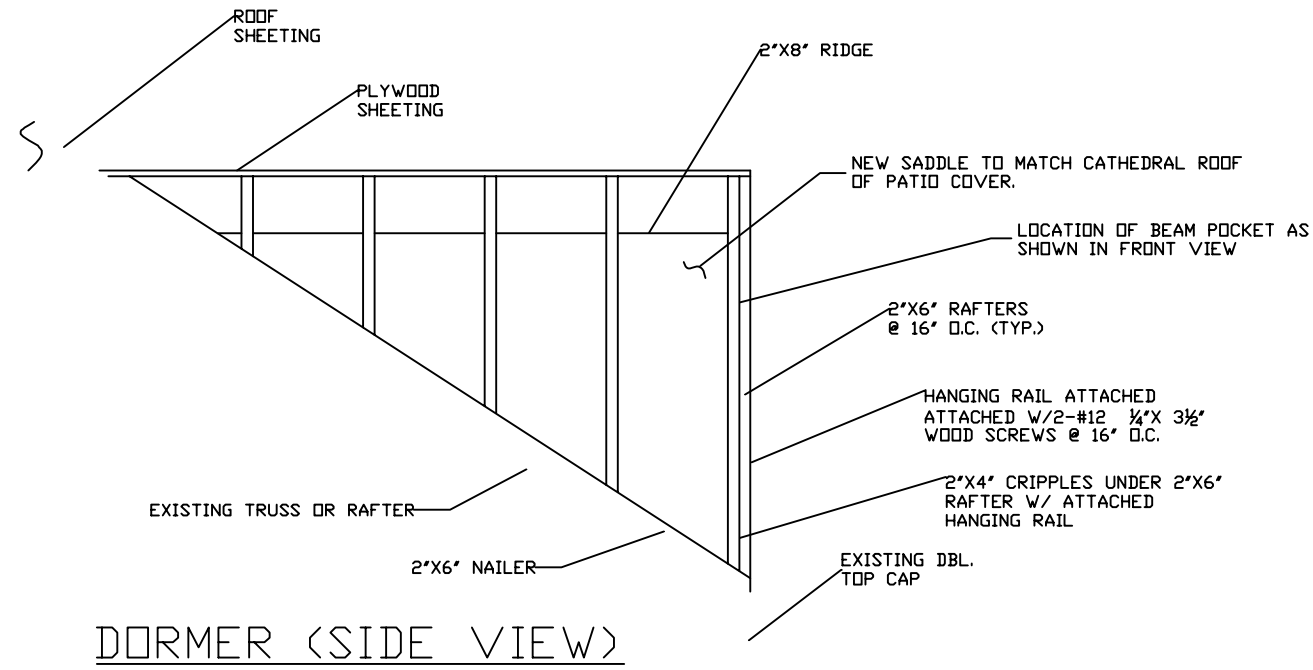
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DORMER DETAILS



NOTES:

- 1) USE GALVANIZED 16 PENNY NAILS IN ALL LOCATIONS
- 2) NAIL 2"x6" NAILER INTO RAFTERS AT BASE OF SADDLE
- 3) NAIL 2"x6" RAFTER INTO 2"x6" NAILER
- 4) INSTALL 2"x4" CRIPPLE FROM SADDLE RAFTER TO EXISTING ROOF SURFACE
- 5) COVER W/ WATER & ICE PROTECTION CUT BACK VALLEY & COVER WITH WATER AND ICE PROTECTION

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