



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

12' X 14' STUDIO SUNROOM

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 STYLE: STUDIO
 ROOM DIMENSIONS: 12' x 14'
 COLOR: SANDSTONE
 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 SAFETY 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

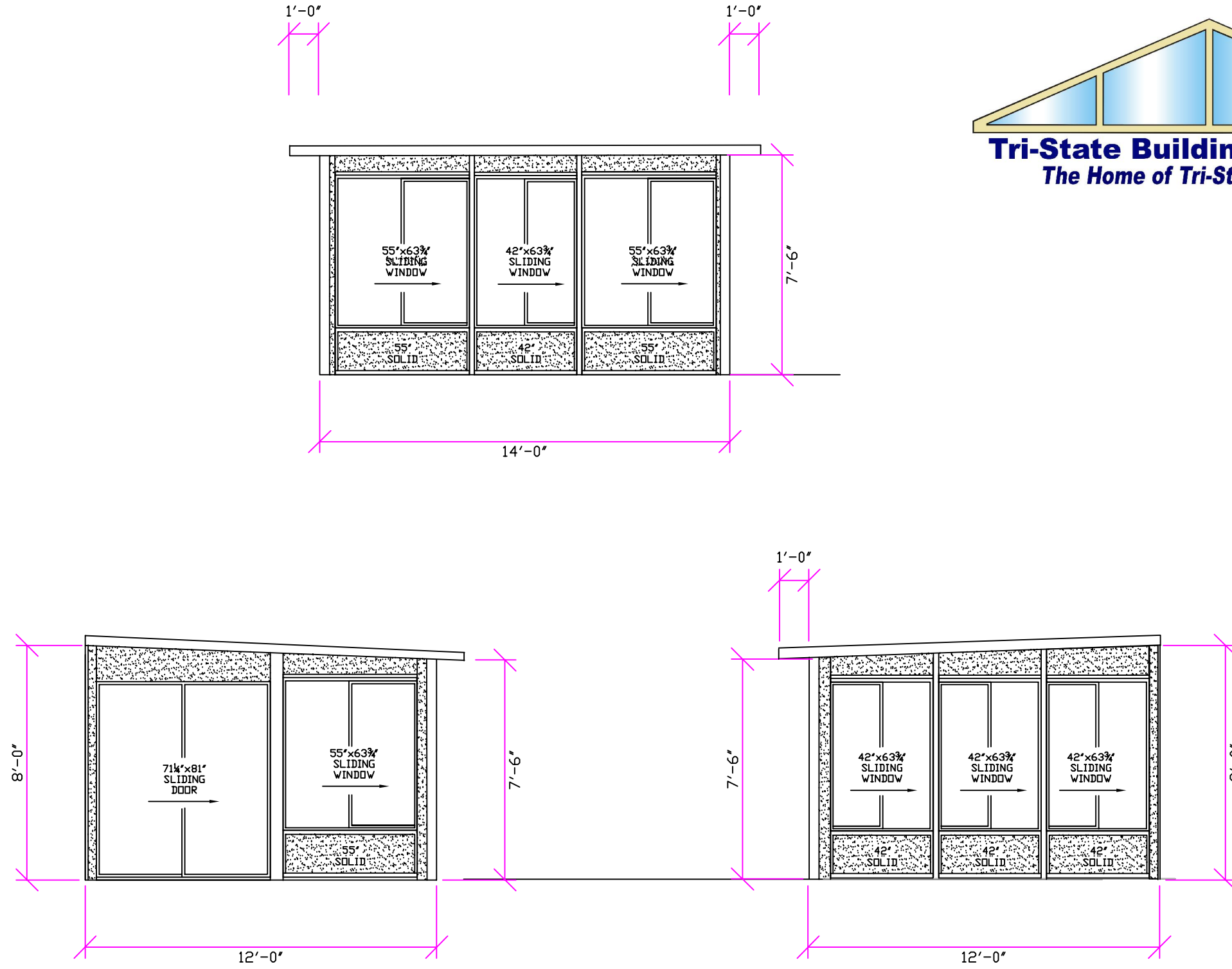
Professional Engineer & Land Surveyor
 Professional Planner
 NJ LIC# 33998
 NJ LIC# 04200

CLIENT: SAMPLE SUNROOM

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

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

ELEVATIONS



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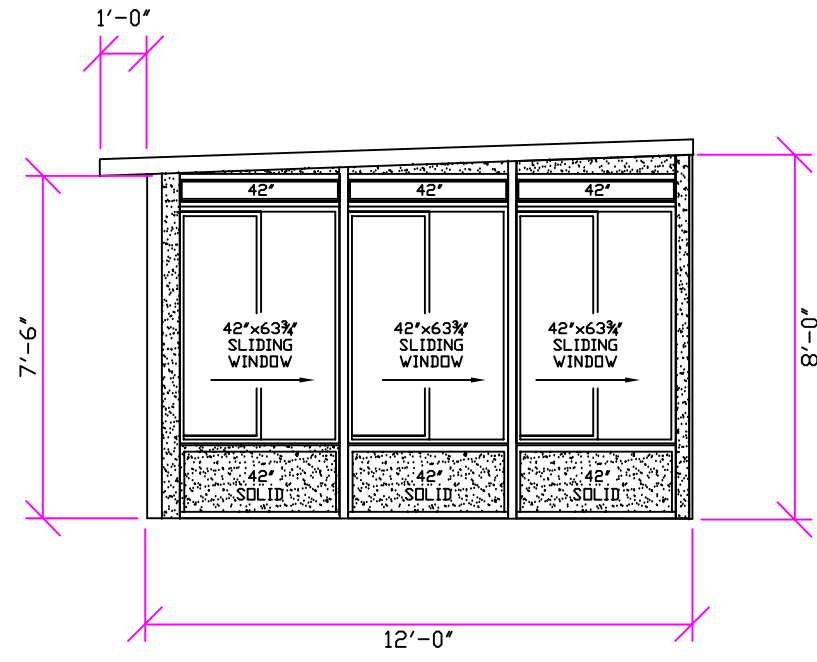
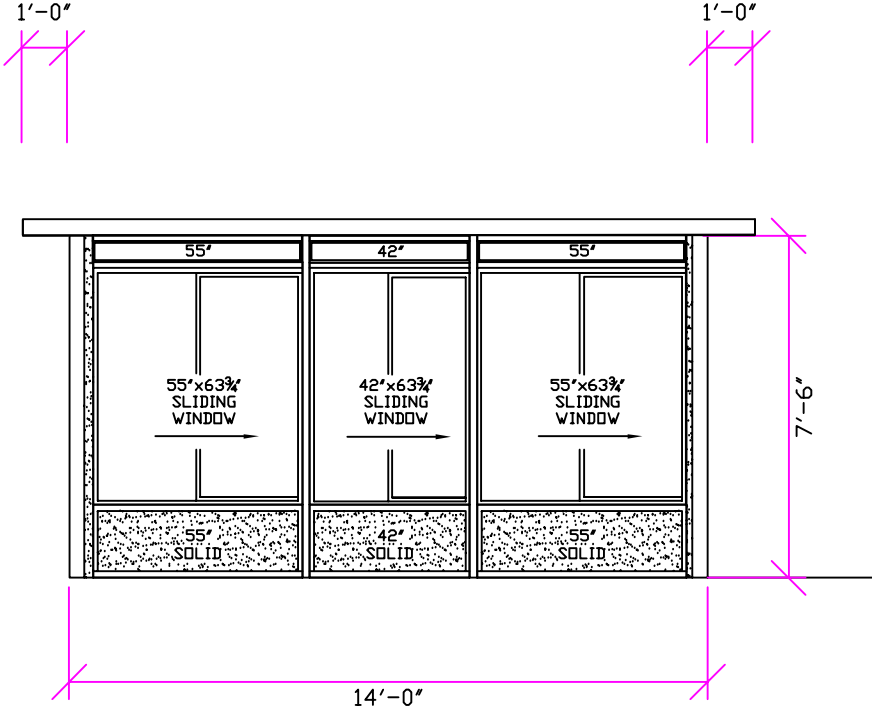
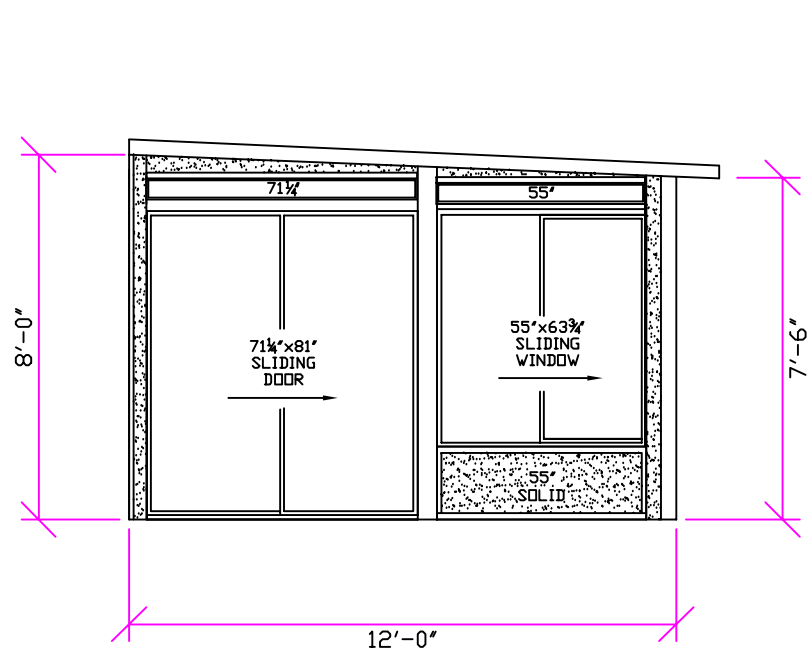
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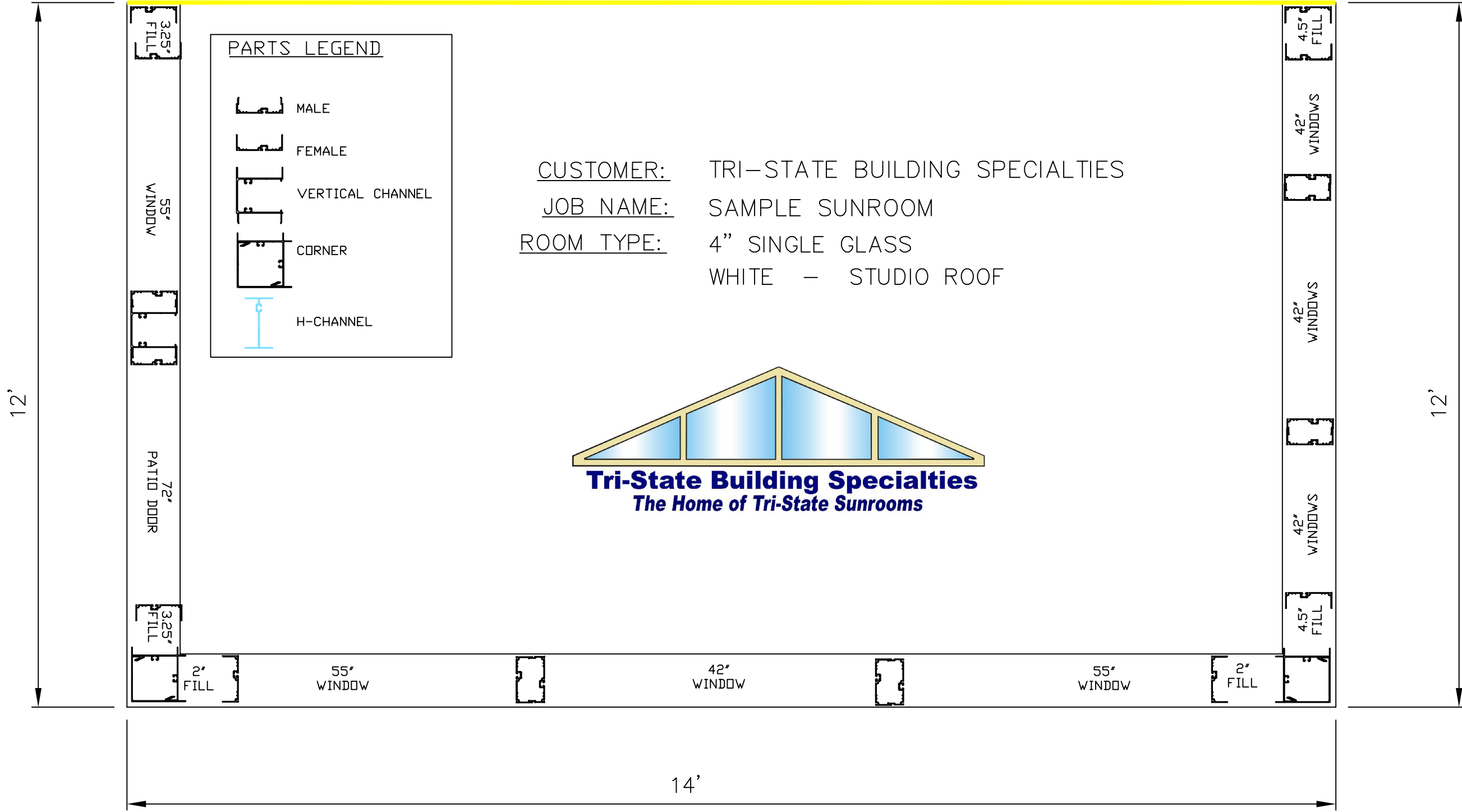
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 **Tri-State Building Specialties**
The Home of Tri-State Sunrooms

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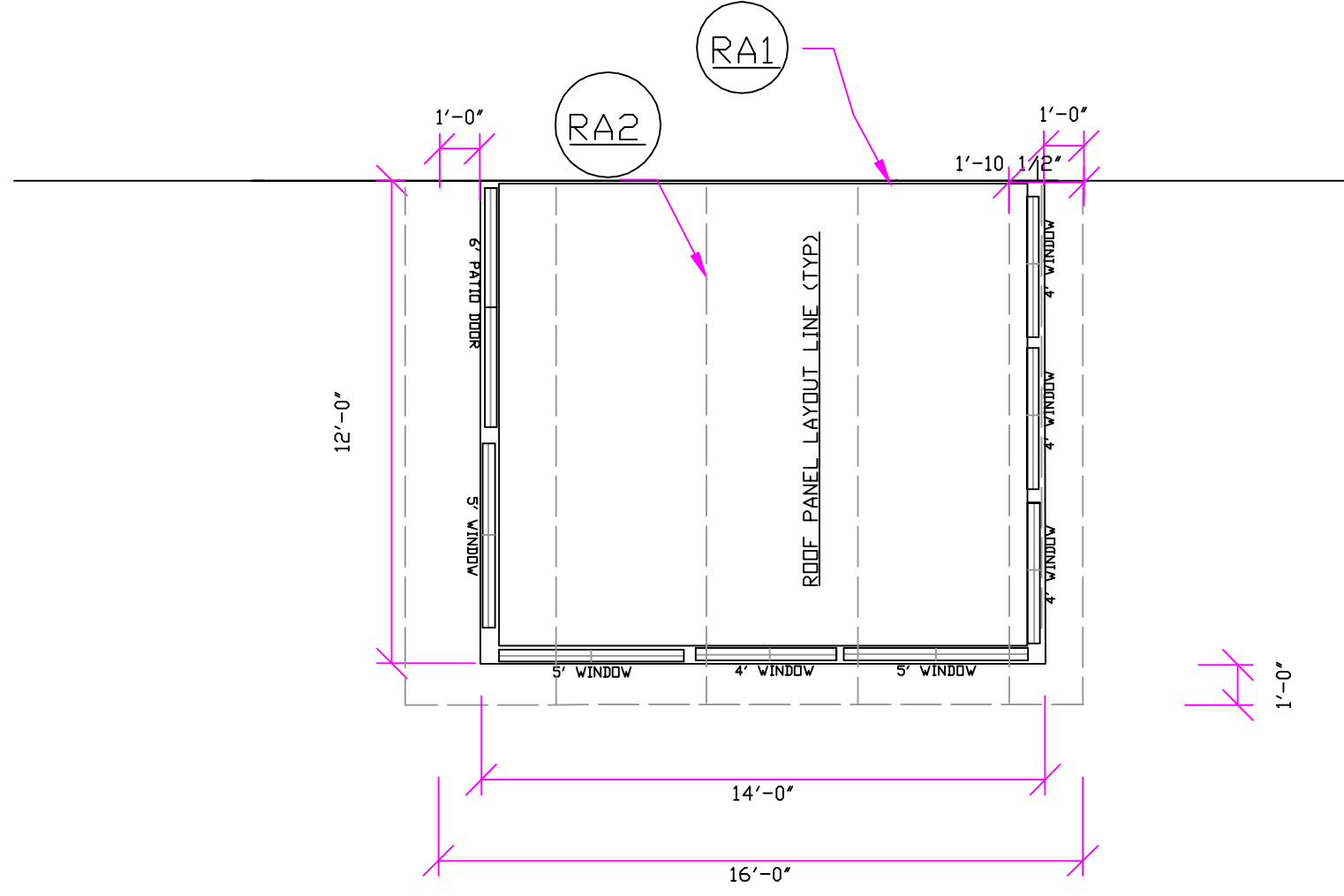
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FLOOR PLAN



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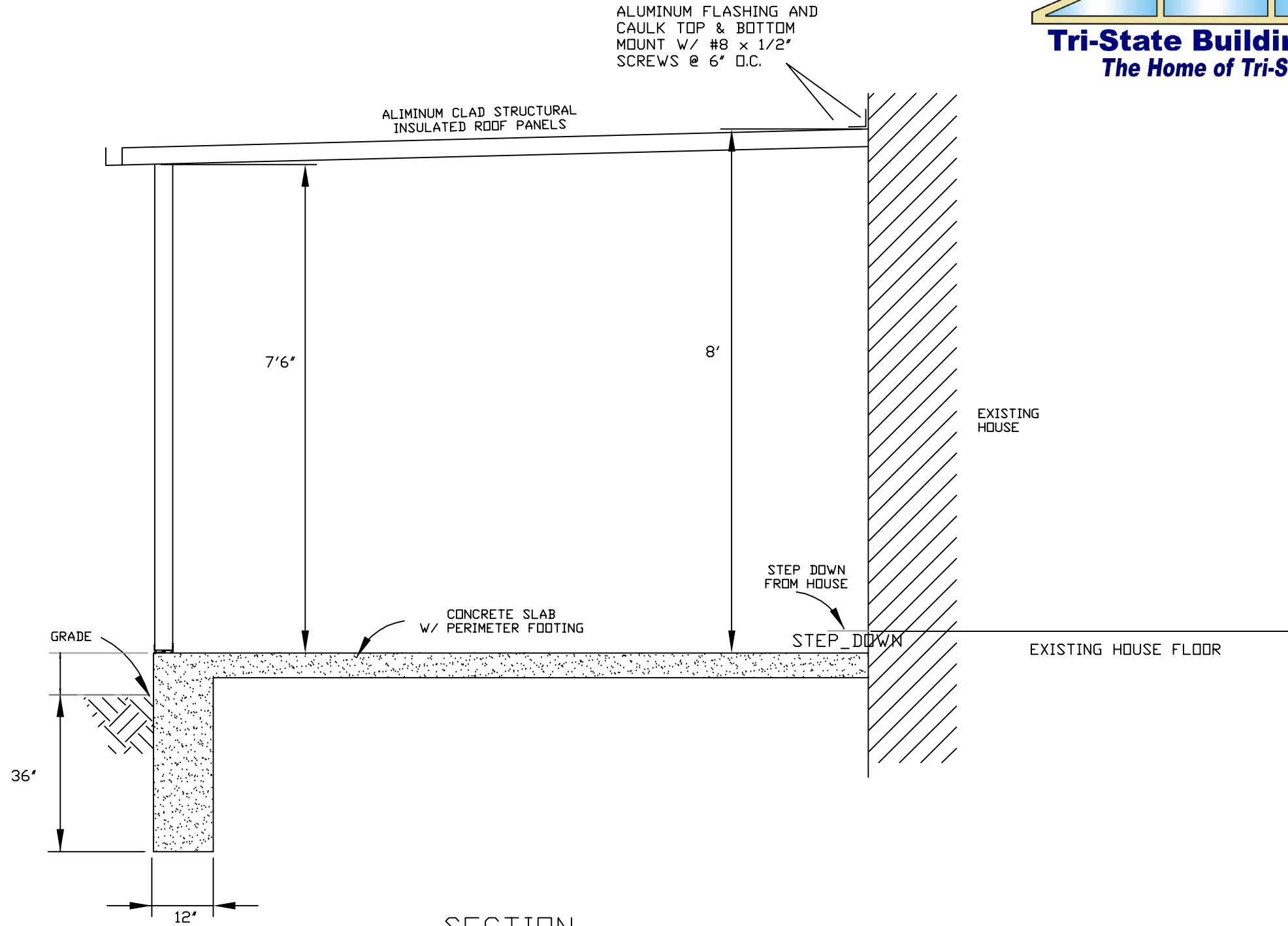
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CROSS SECTION



SECTION



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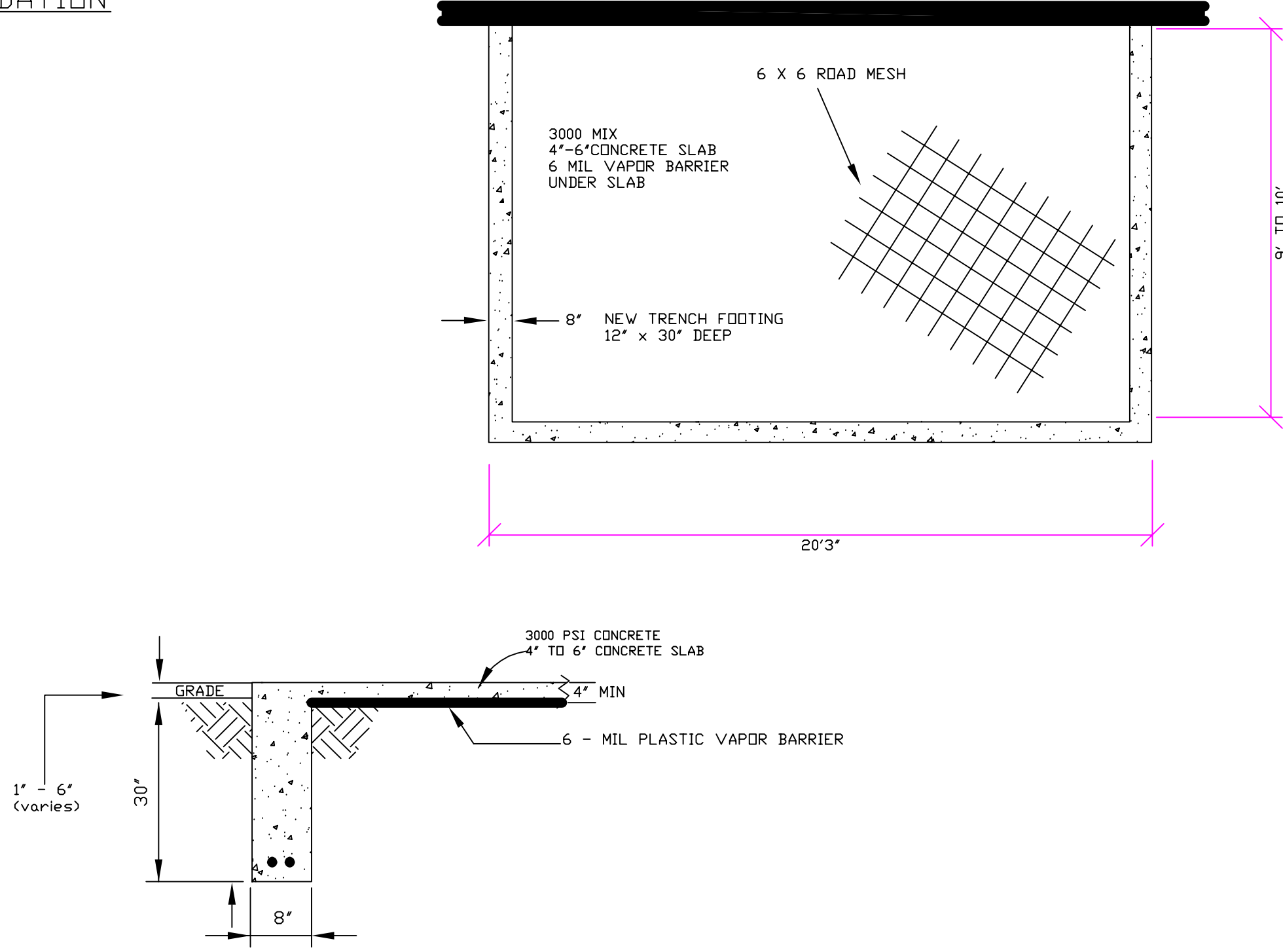
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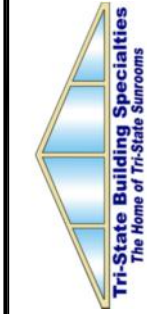
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FOUNDATION DETAILS
MONOLITHIC CONCRETE
FOUNDATION



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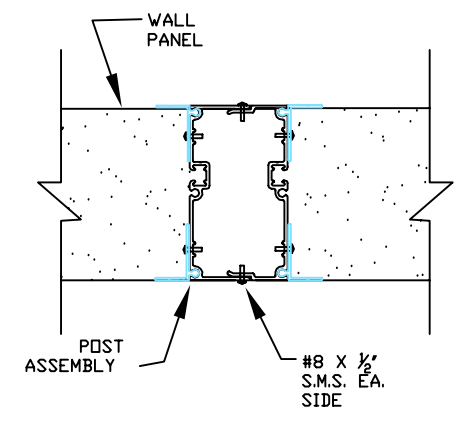
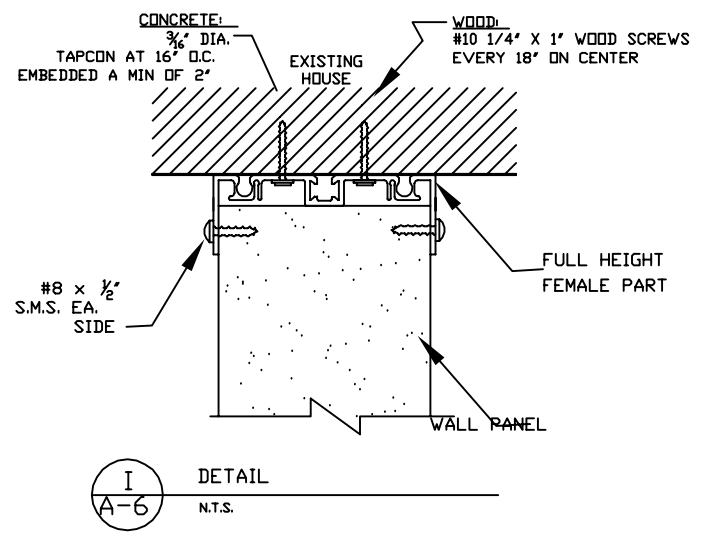
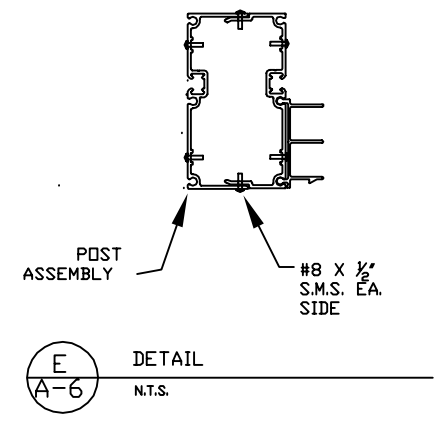
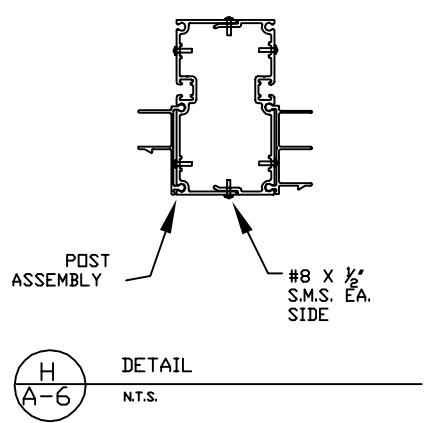
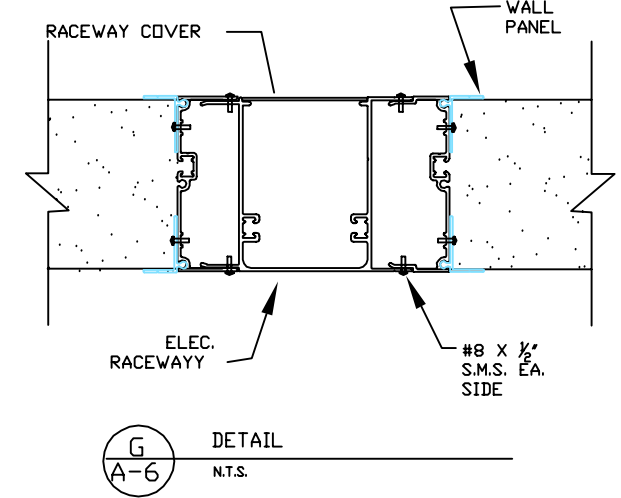
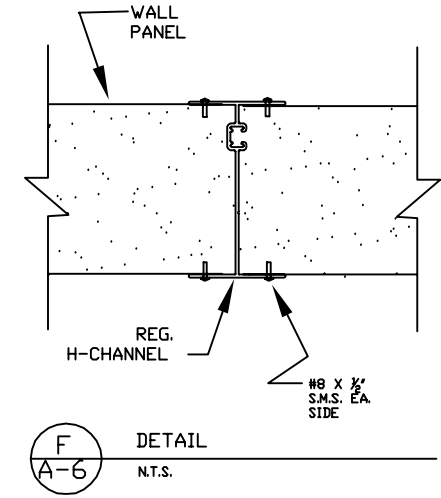
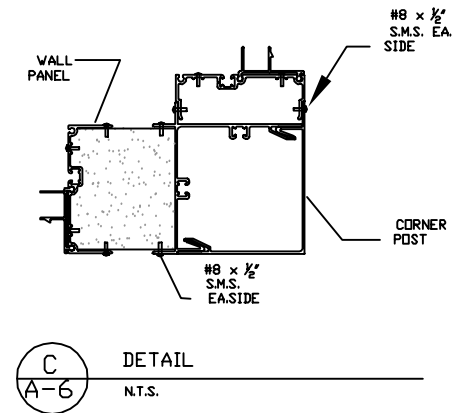
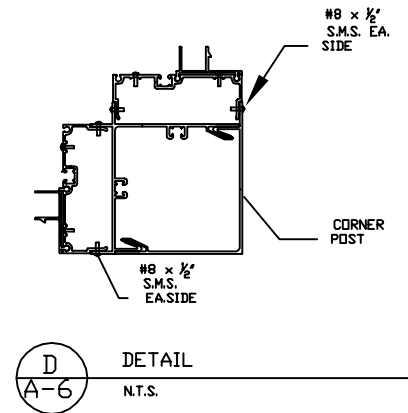
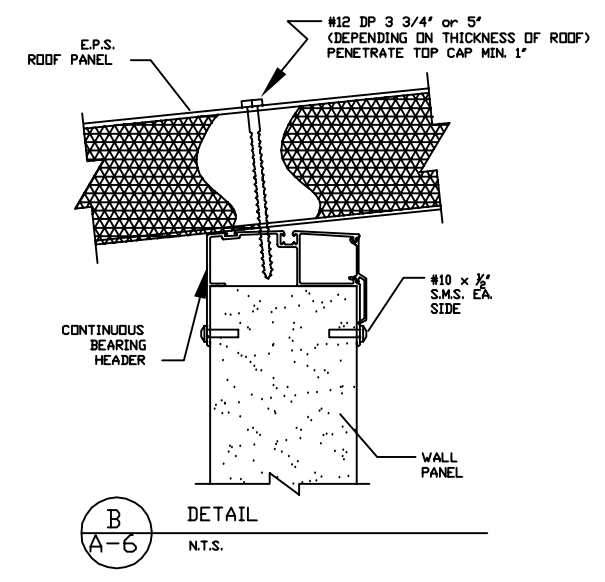
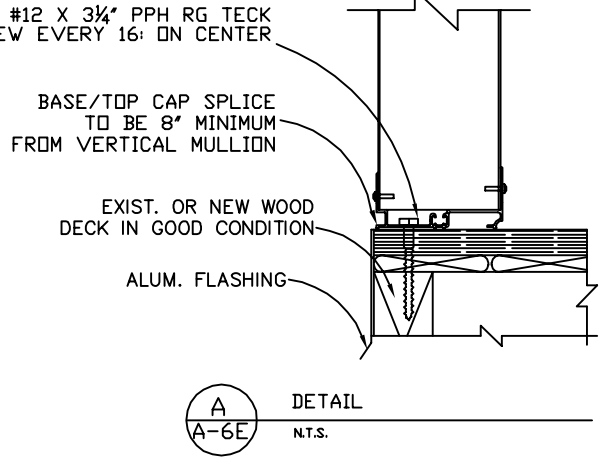
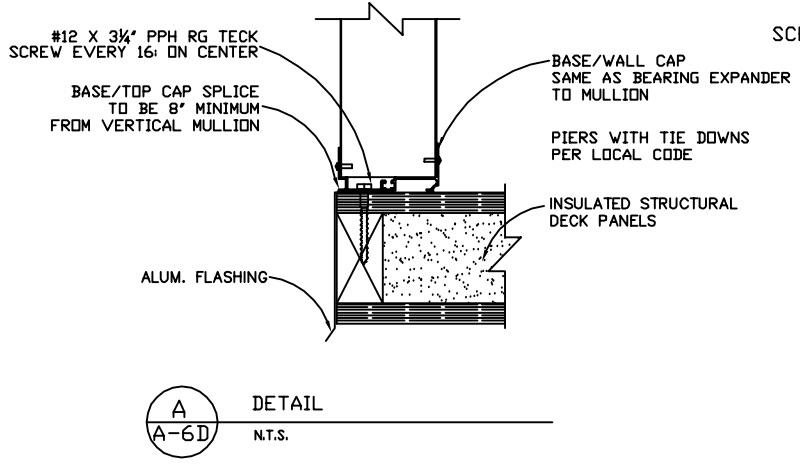
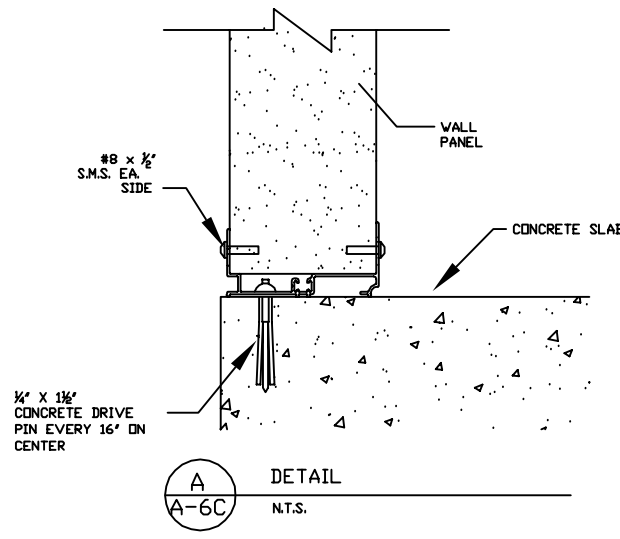
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CONNECTION DETAILS A6



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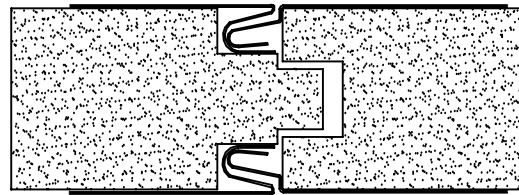
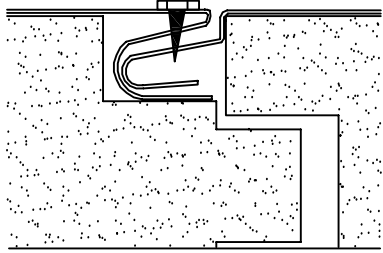
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ROOF CONNECTION DETAILS

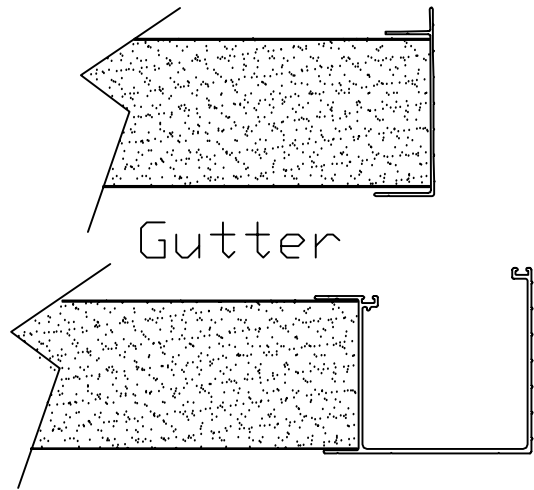
#10 SMS AT 24" c/c MAXIMUM
BUT NOT LESS THAN 6-SCREWS PER
PANEL JOINT



PANEL JOINT

RA2

Fascia

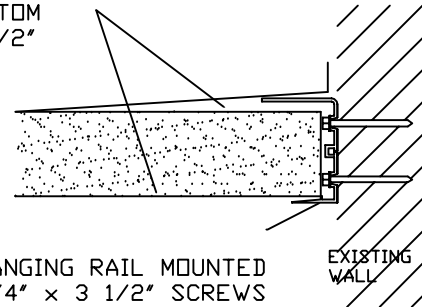


Gutter

RA1

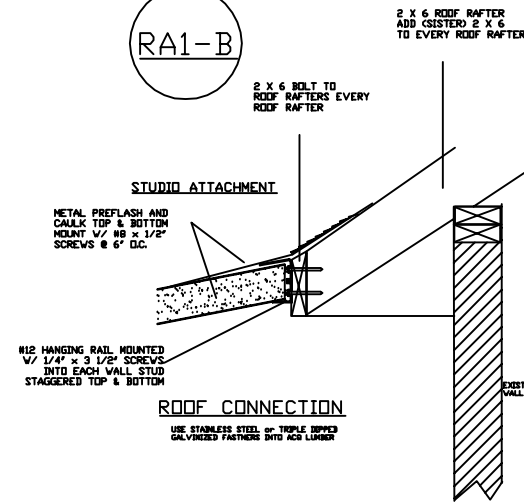
ROOF CONNECTION RA1

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



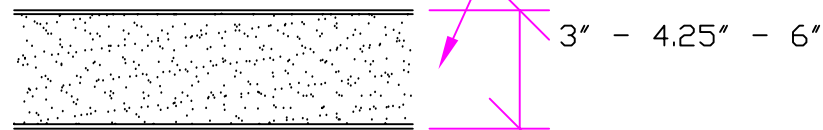
STUDIO ATTACHMENT

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

ROOF CONNECTION

USE STAINLESS STEEL OR TRIPLE DRYER
GALVANIZED FASTENERS INTO ACH LUMBER

EXPANDED POLYSTYRENE CORE



3" - 4.25" - 6"

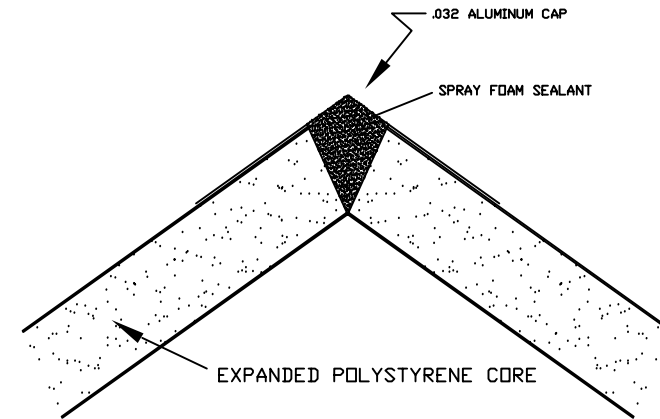
.032 INCH ALUMINUM

LENGTH

45"
WIDTH

3"
4.25"
6"

4 SPIKES PER
PANEL INTO WALL
AND RIDGE BEAM

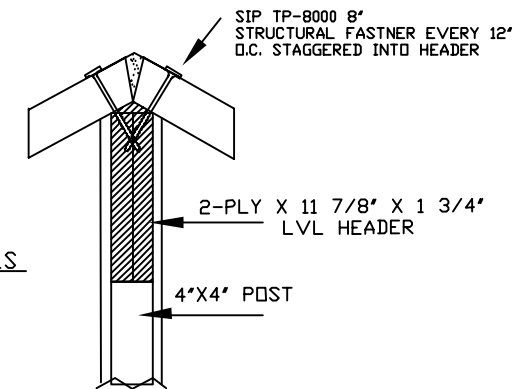


RA3

DETAIL
N.T.S.

RA4

RIDGE BEAM DETAILS



SIP TP-8000 8"
STRUCTURAL FASTNER EVERY 12"
O.C. STAGGERED INTO HEADER

2-PLY X 11 7/8" X 1 3/4"
LVL HEADER

4"x4" POST

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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