



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

PROJECT FOR:

SAMPLE STUDIO EXISTING DECK

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 ENCLOSURE
ROOM DIMENSIONS: 13'-8" 13'-10"
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 - R301.21 MEETS THE MINIMUM 115MPH WIND SPEED FOR THE AREA
 - INTERNATIONAL RESIDENTIAL CODE 2009, NEW JERSEY EDITION - R301.22 MEETS THE MINIMUM 30PSF SNOW LOAD
 - MEETS THE NATIONAL ELECTIC 2011 EDITION

MANUFACTURED WALL PANELS COMPLY WITH BRACED WALL PANEL REQUIREMENTS OF BUILDING, SEE SECTION R 602.10

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CLIENT: SAMPLE DRAWINGS

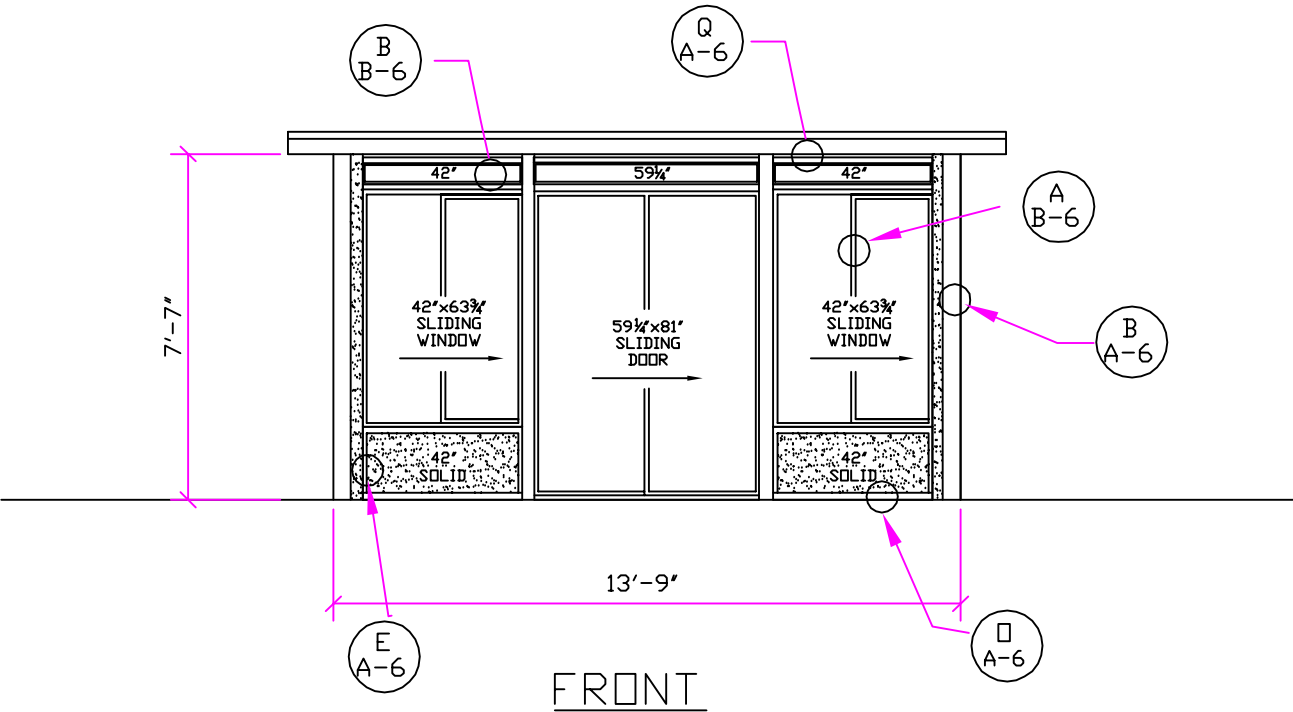
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Professional Engineer & Land Surveyor
Professional Planner
NJ LIC# 33998
NJ LIC# 04200

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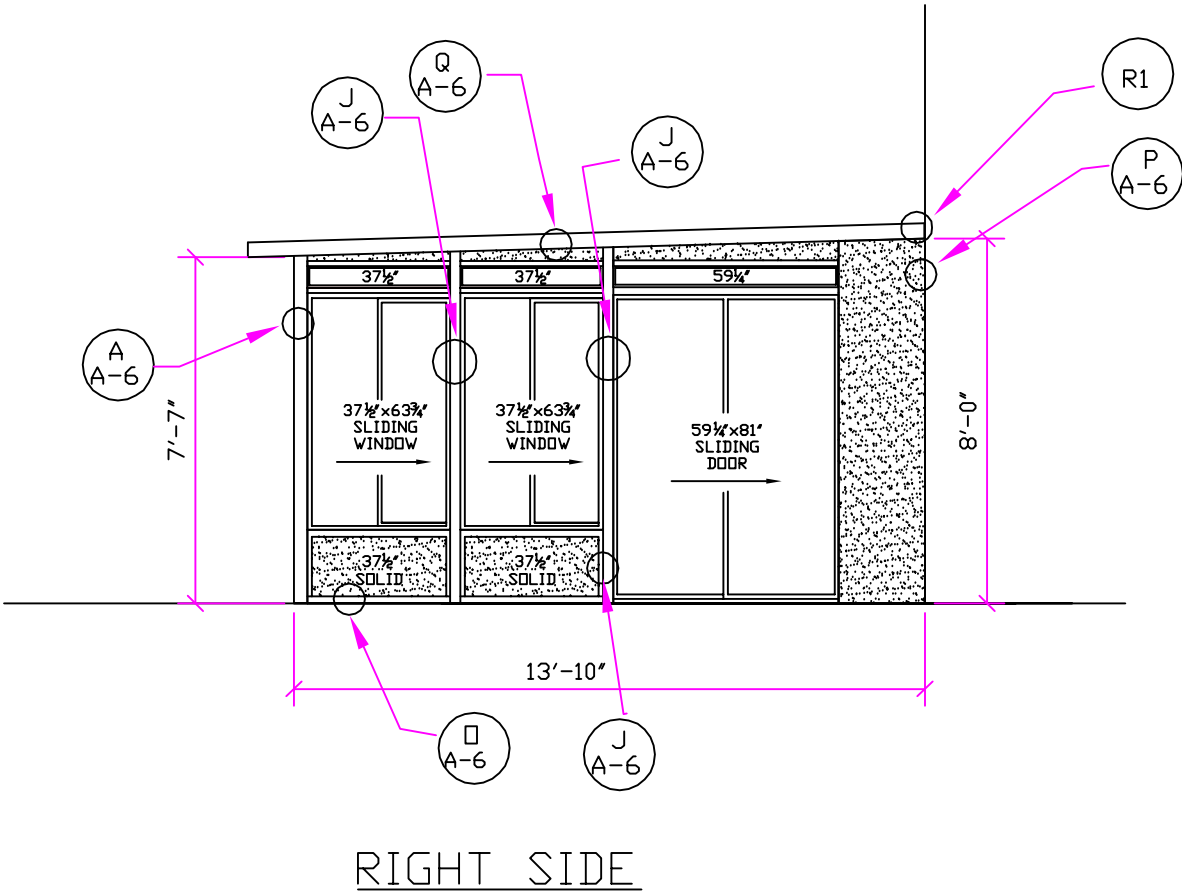
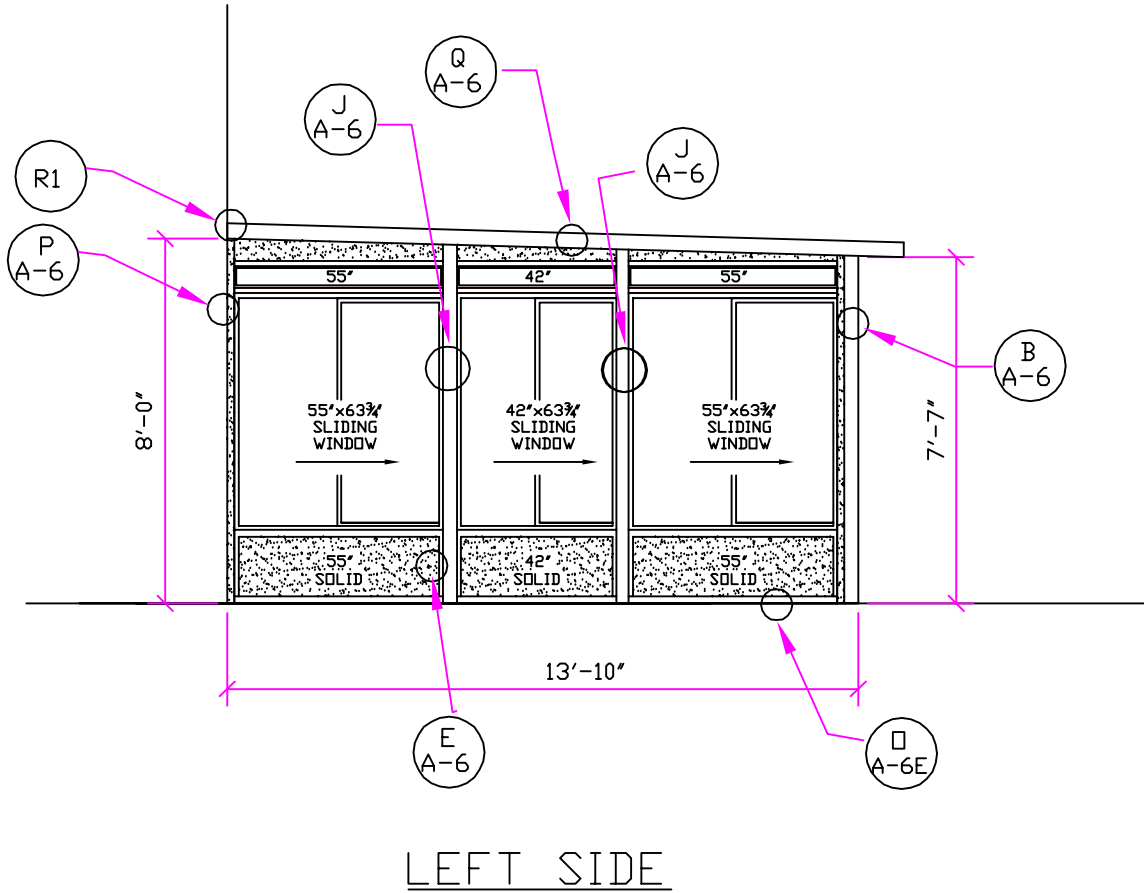
ELEVATIONS



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Fax: 856-853-7381
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13'-10"

1.875'
FILL

55'
WINDOW



42'
WINDOW



55'
WINDOW

1.875'
FILL



3.125'
FILL

42'
WINDOW

3.125'
FILL

59.25' PATIO DOOR

2.625'
FILL

42'
WINDOW

2.625'
FILL

37.5'
WINDOW

37.5'
WINDOW

59.25' PATIO DOOR



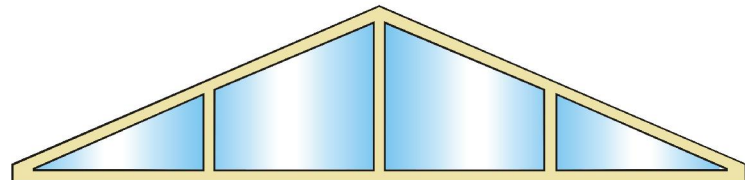
22.75'
FILL

13'-10"

PARTS LEGEND

- MALE
- FEMALE
- VERTICAL CHANNEL
- CORNER
- H-CHANNEL

CUSTOMER: TRI-STATE BUILDING SPECIALTIES
JOB NAME: SAMPLE SUNROOM ROOM
ROOM TYPE: STUDIO EXISTING DECK



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

CLIENT:

SAMPLE DRAWINGS



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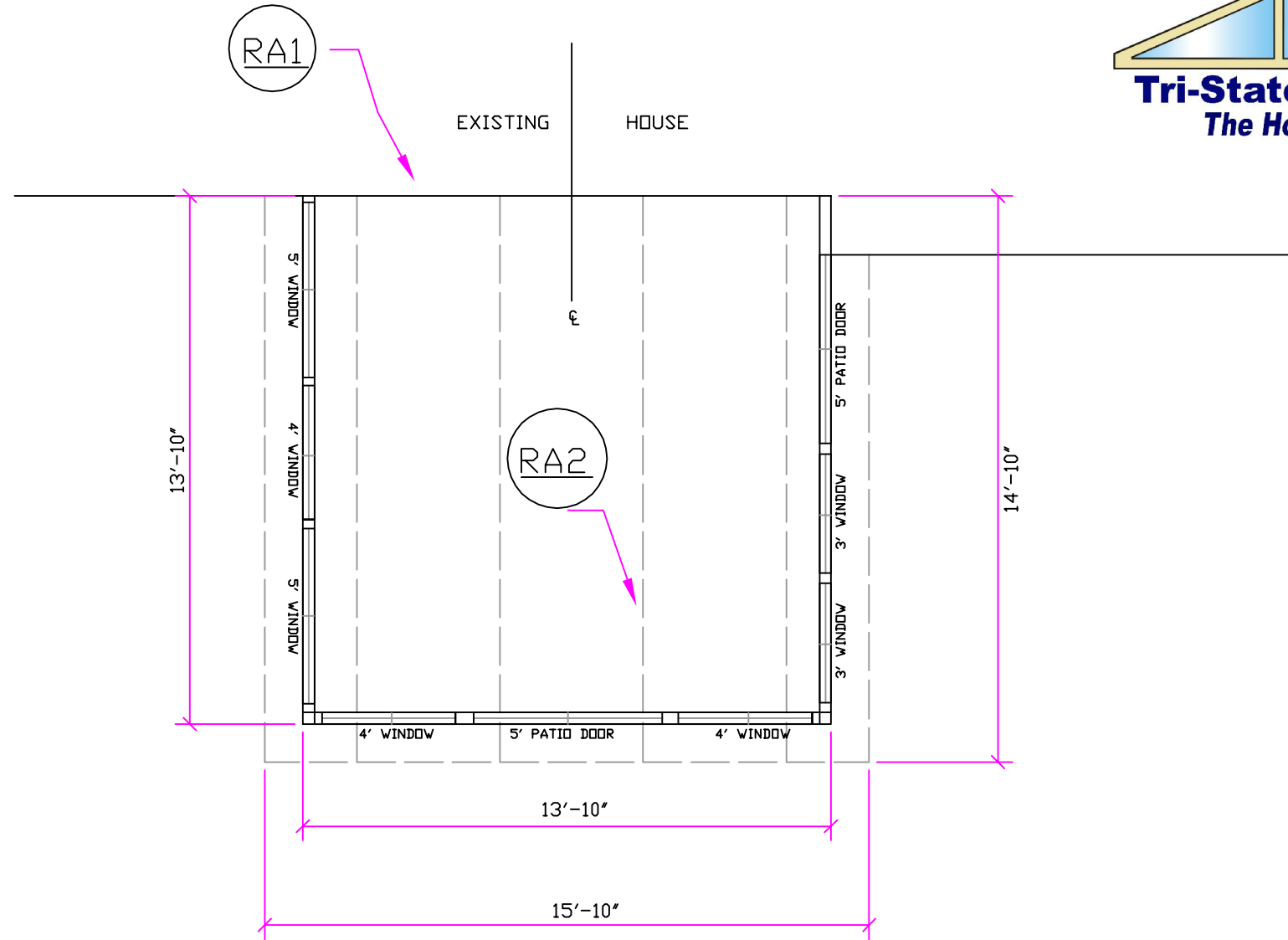
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FLOOR PLAN



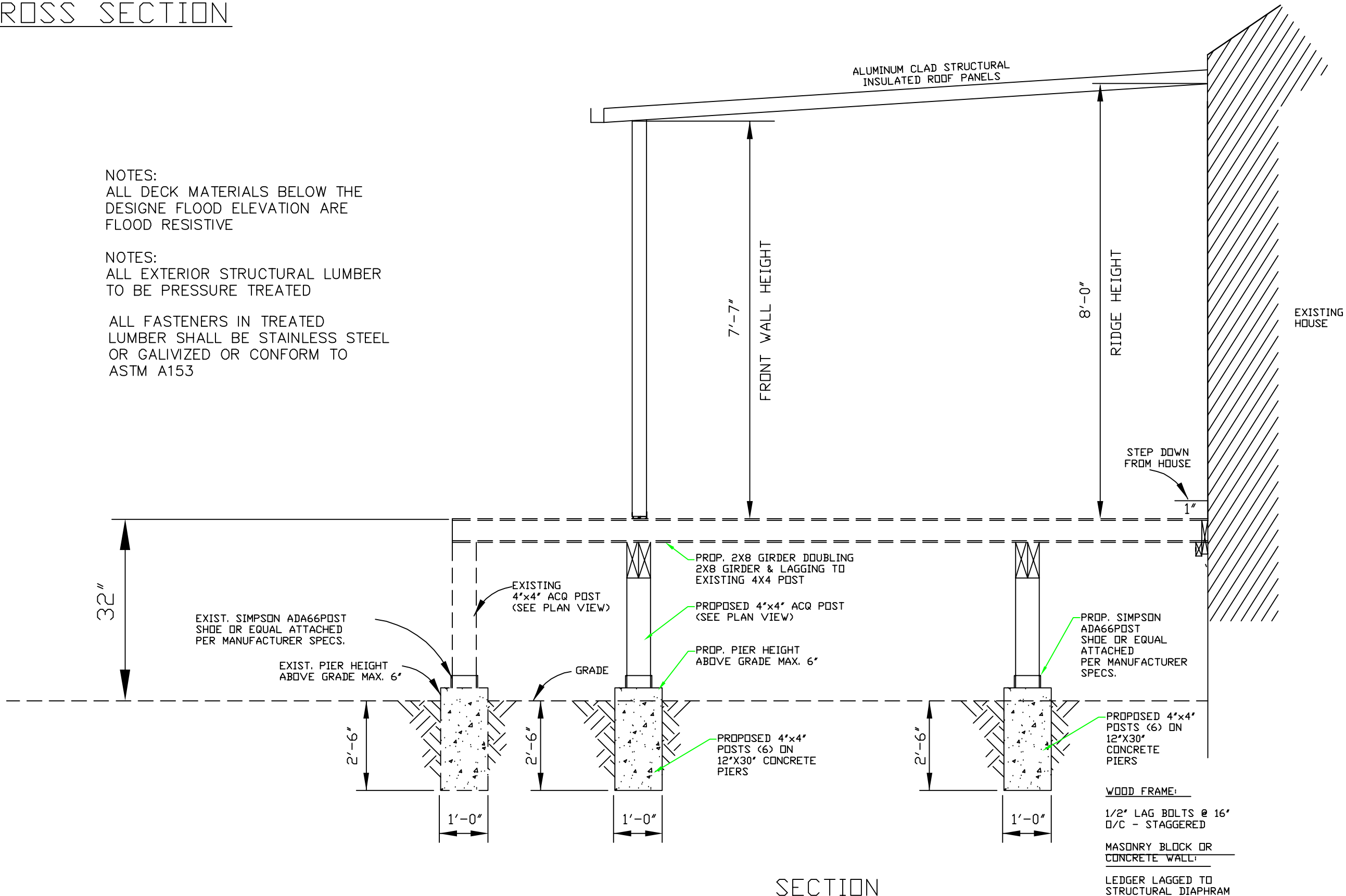
CLIENT:	SAMPLE DRAWINGS		<p>TRI-STATE BUILDING SPECIALTIES 1985 RUTGERS UNIVERSITY BLVD LAKEWOOD, NJ 08701</p>
<p><u>JAMES A. CLANCY</u></p> <p>CONSULTING ENGINEER 601 ASBURY AVENUE NATIONAL PARK, NJ 08063</p>		<p>JAMES A. CLANCY</p> <hr/> Professional Engineer & Land Surveyor Professional Planner NJ LIC# 33998 NJ LIC# 04200	

CROSS SECTION

NOTES:
ALL DECK MATERIALS BELOW THE
DESIGNE FLOOD ELEVATION ARE
FLOOD RESISTIVE

NOTES:
ALL EXTERIOR STRUCTURAL LUMBER
TO BE PRESSURE TREATED

ALL FASTENERS IN TREATED
LUMBER SHALL BE STAINLESS STEEL
OR GALVIZED OR CONFORM TO
ASTM A153



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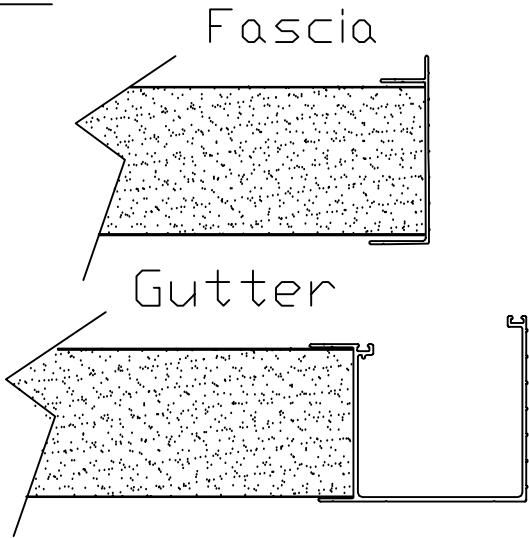
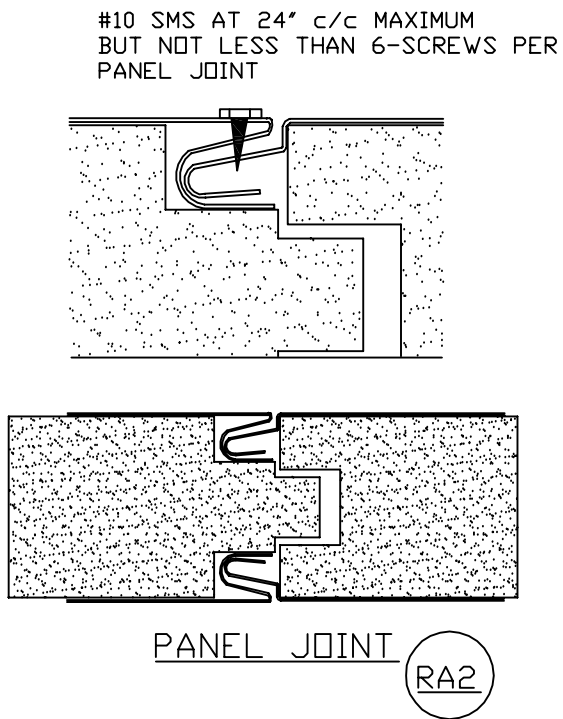
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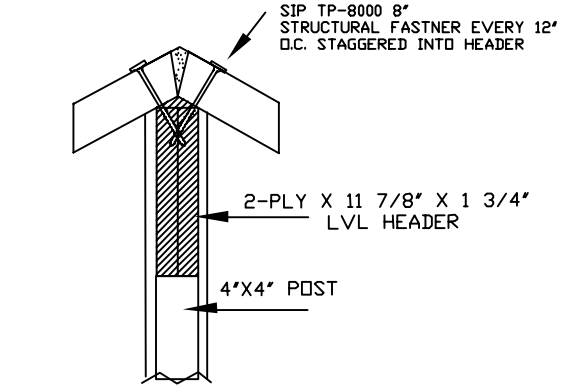
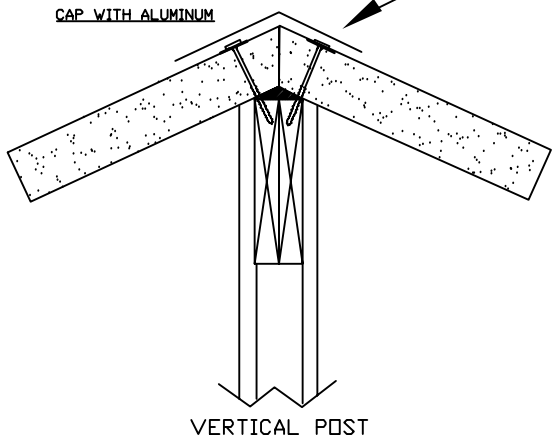
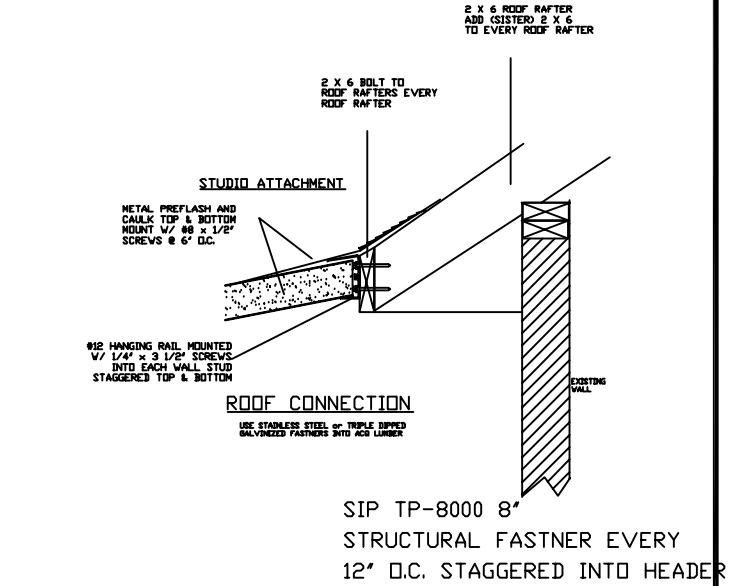
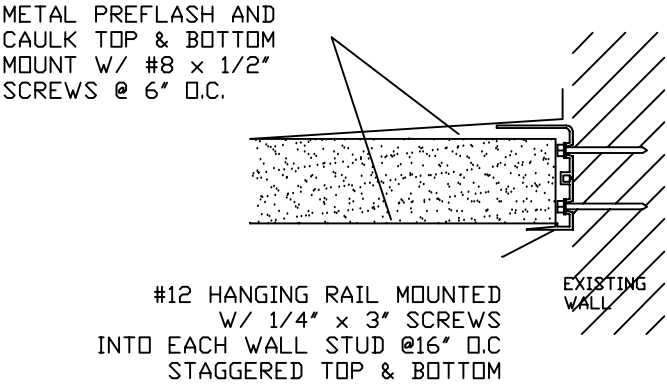
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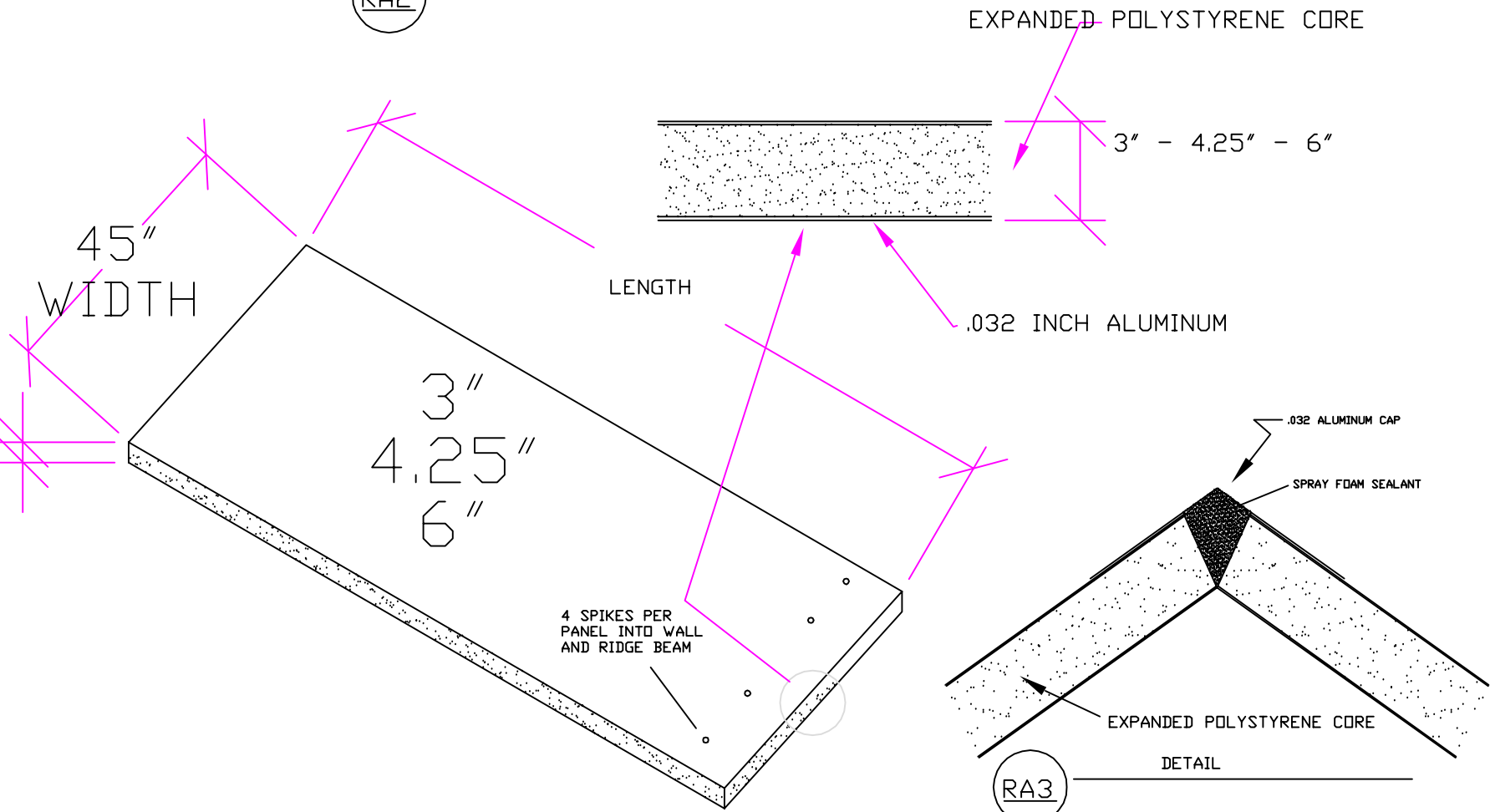
ROOF CONNECTION DETAILS



RA1 ROOF CONNECTION RA1



RA4 RIDGE BEAM DETAILS



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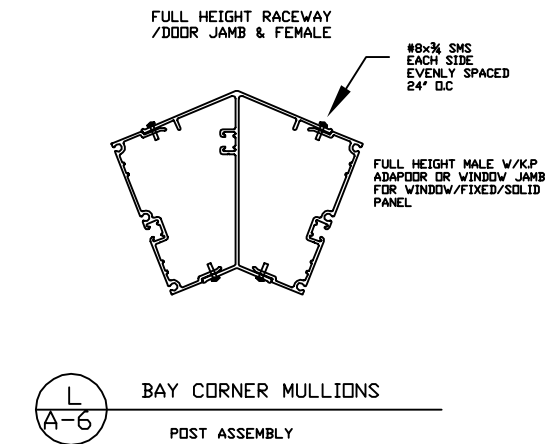
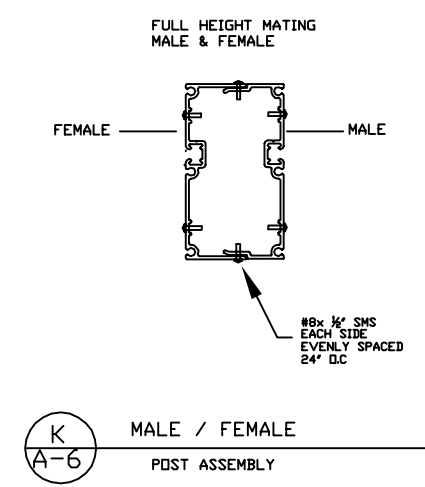
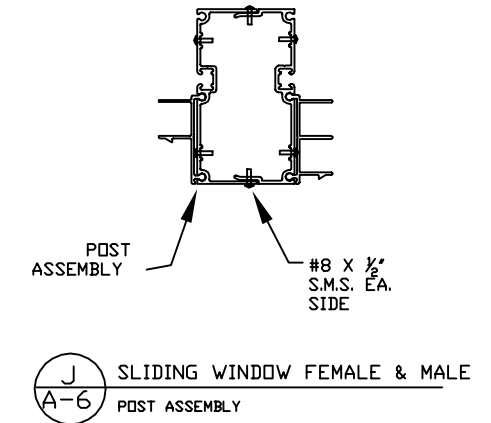
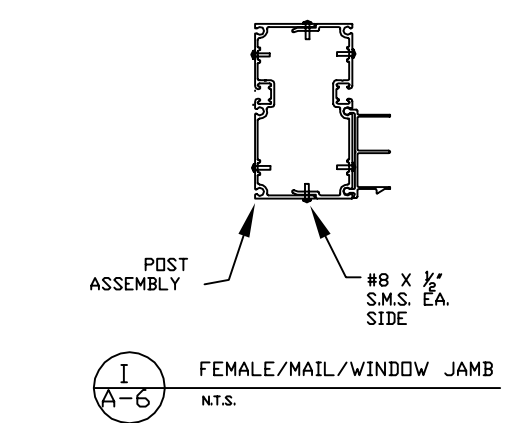
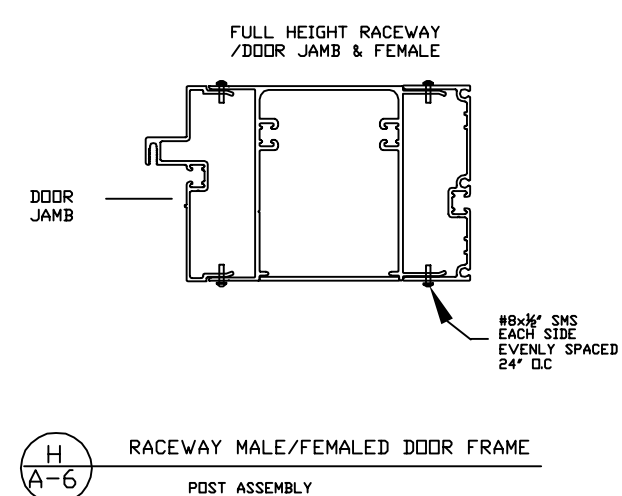
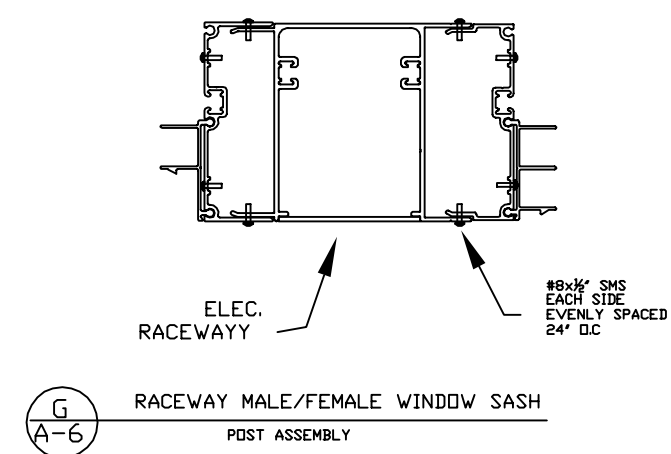
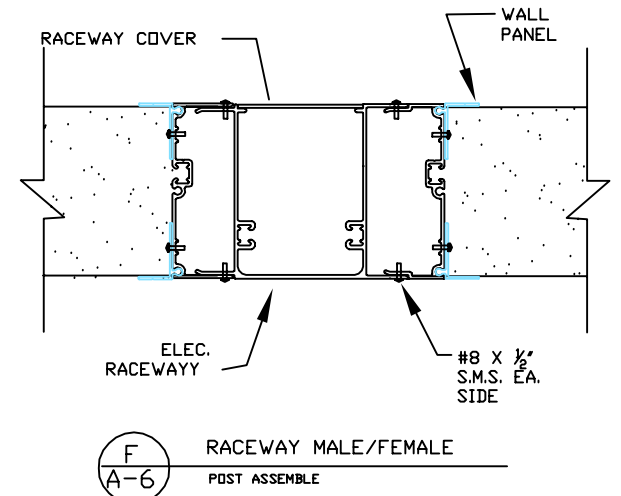
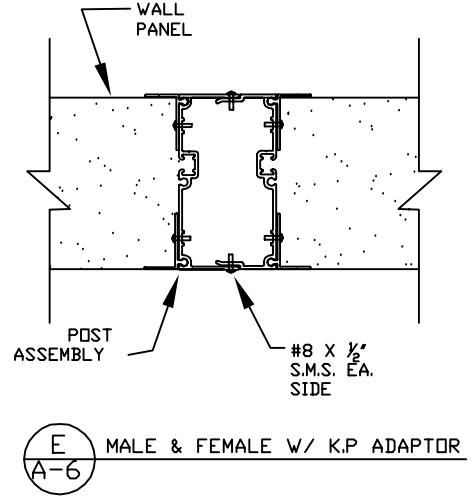
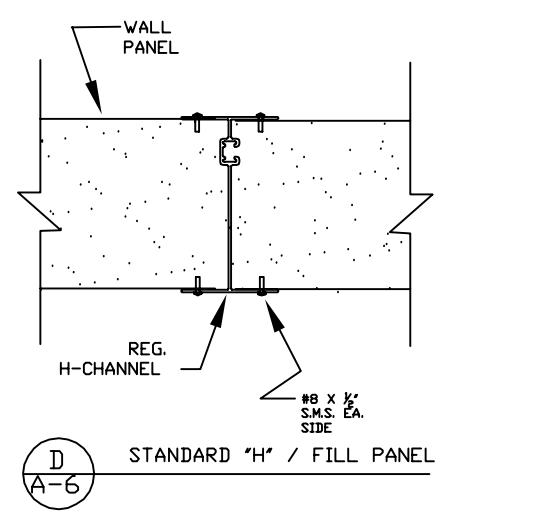
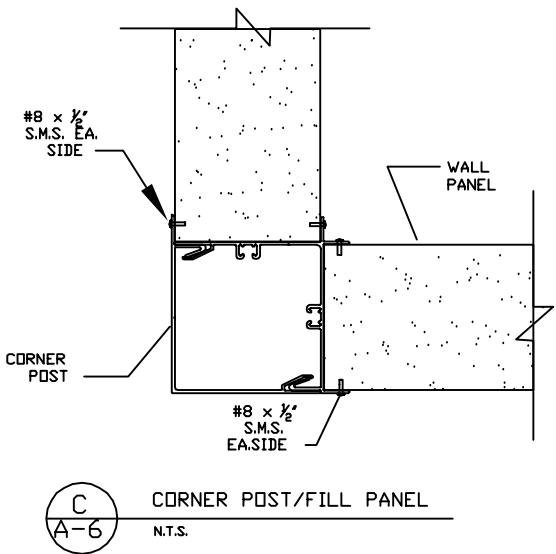
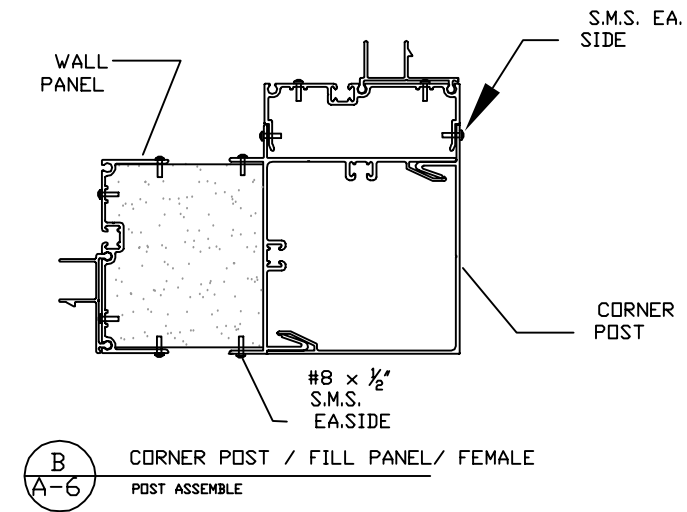
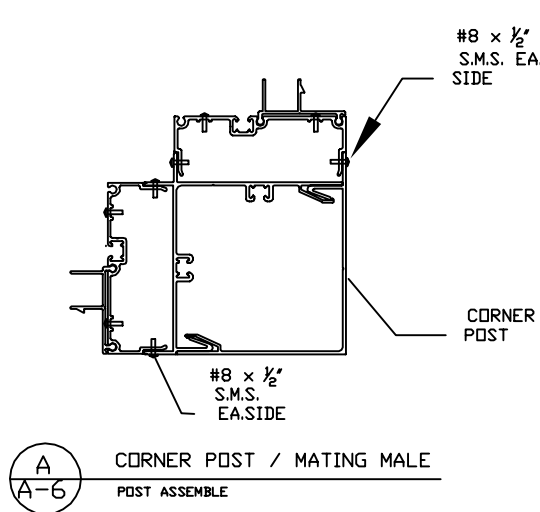
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CONNECTION DETAILS A6 (1 OF 2)



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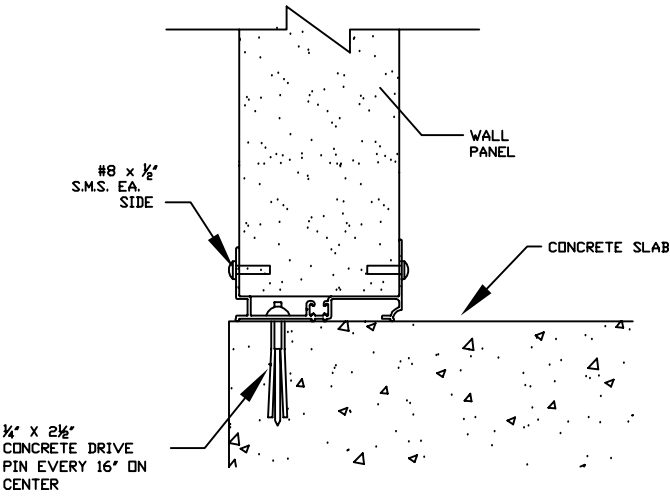
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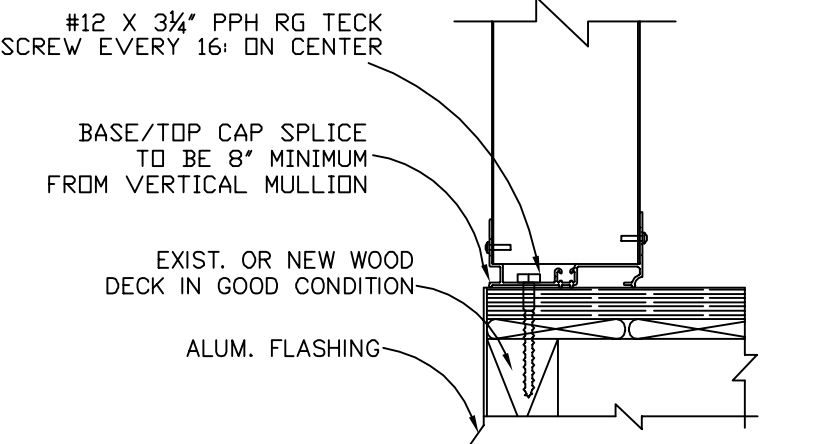
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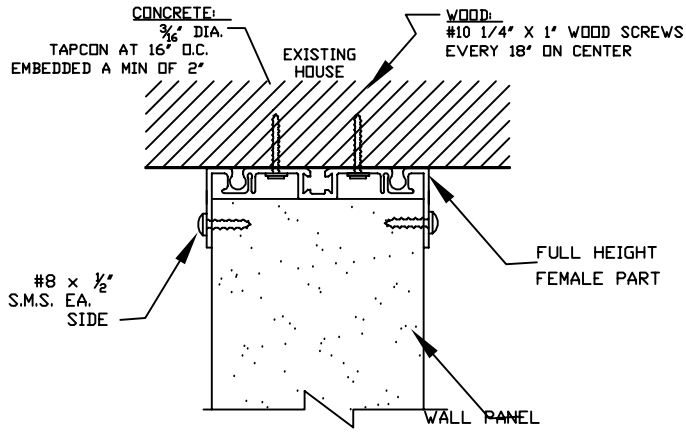
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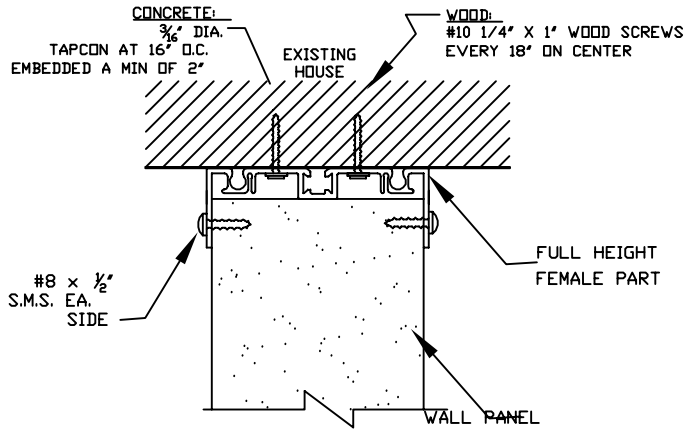
M
A-6
BASE TRACK TO CONCRETE



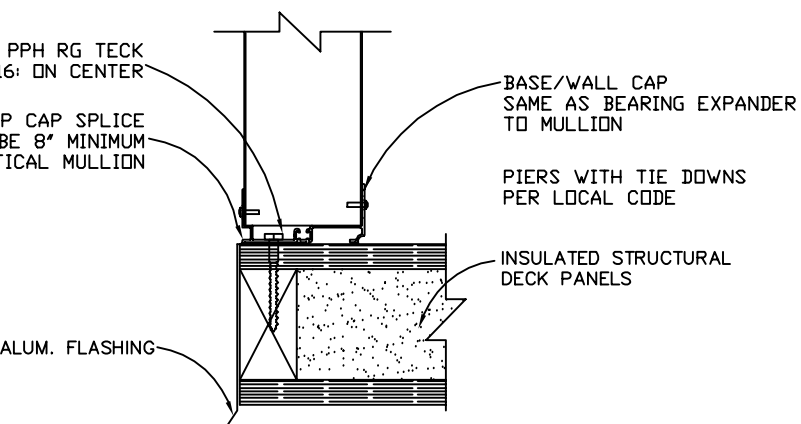
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A-6
BASE TRACK TO STRUCTURAL INSULATED DECK



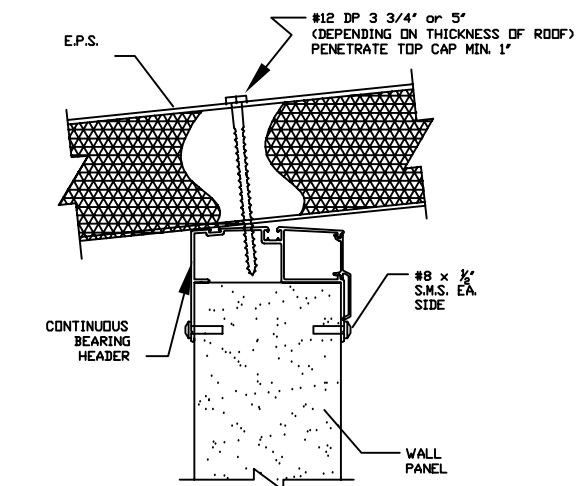
O
A-6
BASE TRACK TO STANDARD DECK



P
A-6
CONNECTION AT HOUSE

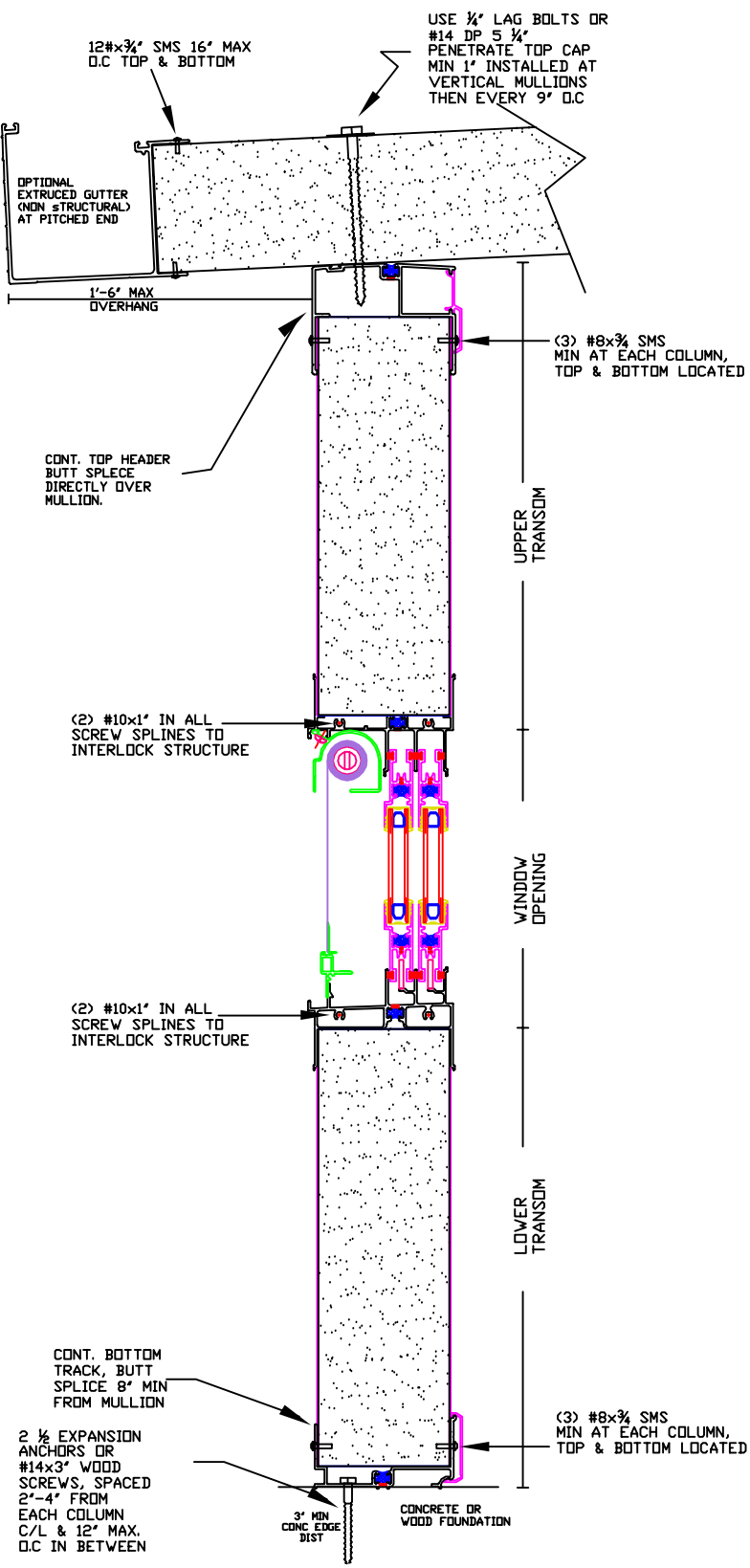


Q
A-6
BEARING WALL ATTACHMENT



R
A-6
BEARING WALL ATTACHMENT

WALL CROSS SECTION



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SAMPLE DRAWINGS

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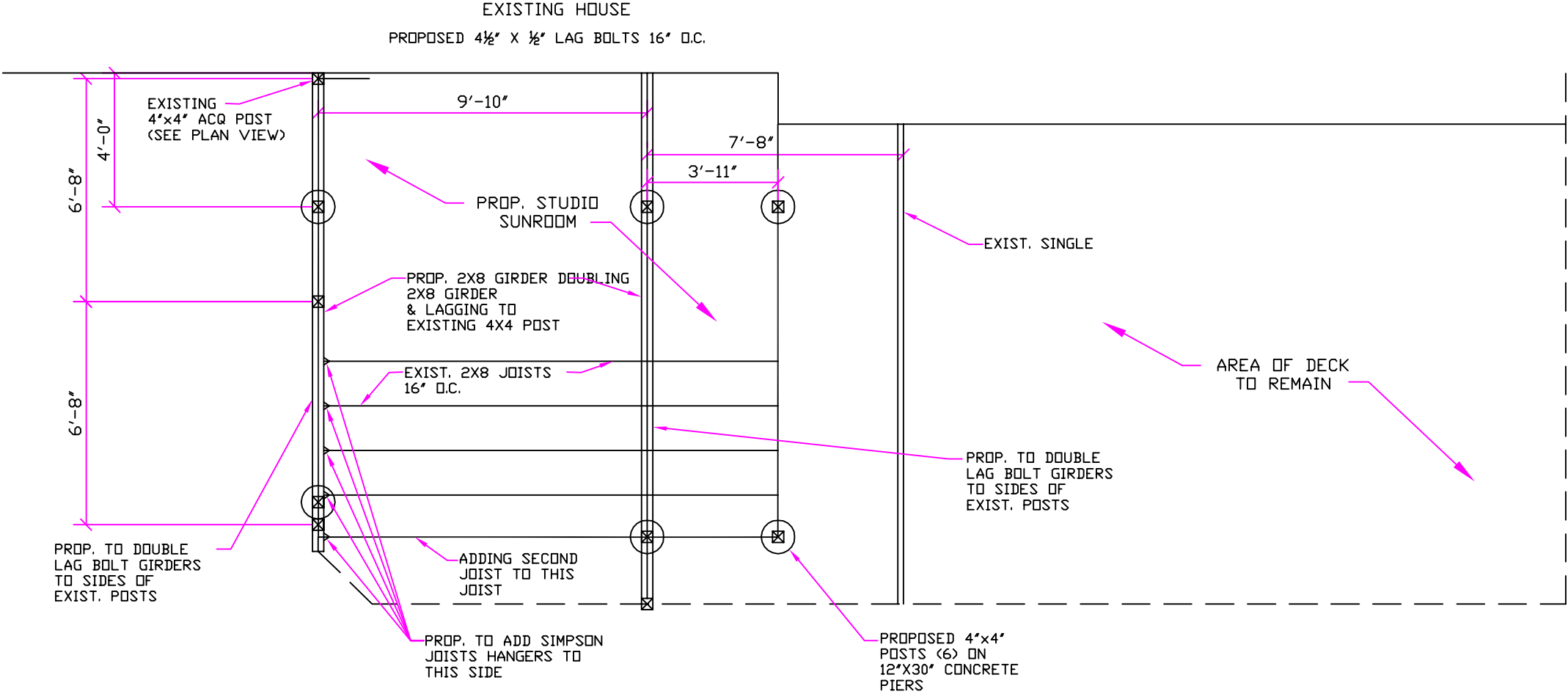
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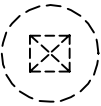
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FOOTING DETAILS



NOTE: RECOMMENDED LAYOUT REFER TO
LOCAL BUILDING CODES



- 4" x 4" POST (EXISTING)

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FLOOD RESISTIVE

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CLIENT: SAMPLE DRAWINGS



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12#x3/4" SMS 16" MAX O.C TOP & BOTTOM

USE 1/2" LAG BOLTS OR #14 DP 5 1/2" PENETRATE TOP CAP MIN 1" INSTALLED AT VERTICAL MULLIONS THEN EVERY 9" O.C

6" MIN OVERHANG 12" MAX OVERHANG

CONT. TOP HEADER BUTT SPLICED DIRECTLY OVER MULLION.

(3) #8x3/4" SMS MIN AT EACH COLUMN, TOP & BOTTOM LOCATED

UPPER TRANSOM

(2) #10x1" IN ALL SCREW SPLINES TO INTERLOCK STRUCTURE

WINDOW OPENING

(2) #10x1" IN ALL SCREW SPLINES TO INTERLOCK STRUCTURE

LOWER TRANSOM

CONT. BOTTOM TRACK, BUTT SPLICED 8" MIN FROM MULLION

2 1/2" EXPANSION ANCHORS OR #14x3 1/4" WOOD SCREWS, SPACED 2'-4" FROM EACH COLUMN C/L & 12" MAX. O.C IN BETWEEN

3" MIN CONC. EDGE DIST

CONCRETE OR WOOD FOUNDATION

12#x3/4" SMS 16" MAX O.C TOP & BOTTOM

USE 1/2" LAG BOLTS OR #14 DP 5 1/2" PENETRATE TOP CAP MIN 1" INSTALLED AT VERTICAL MULLIONS THEN EVERY 9" O.C

OPTIONAL EXTRUDED GUTTER (NON STRUCTURAL) AT PITCHED END

1'-6" MAX OVERHANG

CONT. TOP HEADER BUTT SPLICED DIRECTLY OVER MULLION.

(3) #8x3/4" SMS MIN AT EACH COLUMN, TOP & BOTTOM LOCATED

UPPER TRANSOM

(2) #10x1" IN ALL SCREW SPLINES TO INTERLOCK STRUCTURE

WINDOW OPENING

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3" MIN CONC. EDGE DIST

CONCRETE OR WOOD FOUNDATION

(3) #8x3/4" SMS MIN AT EACH COLUMN, TOP & BOTTOM LOCATED



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