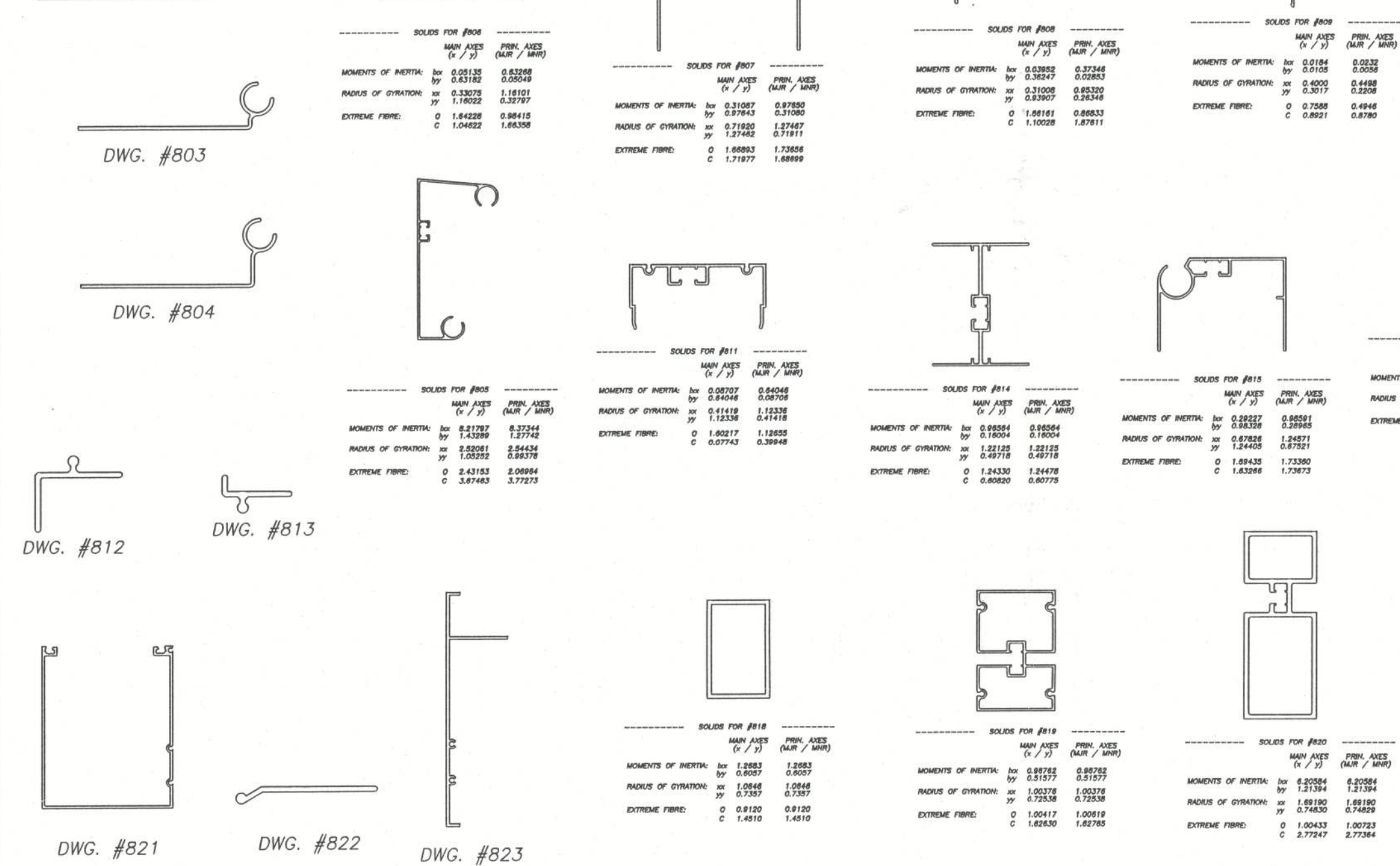


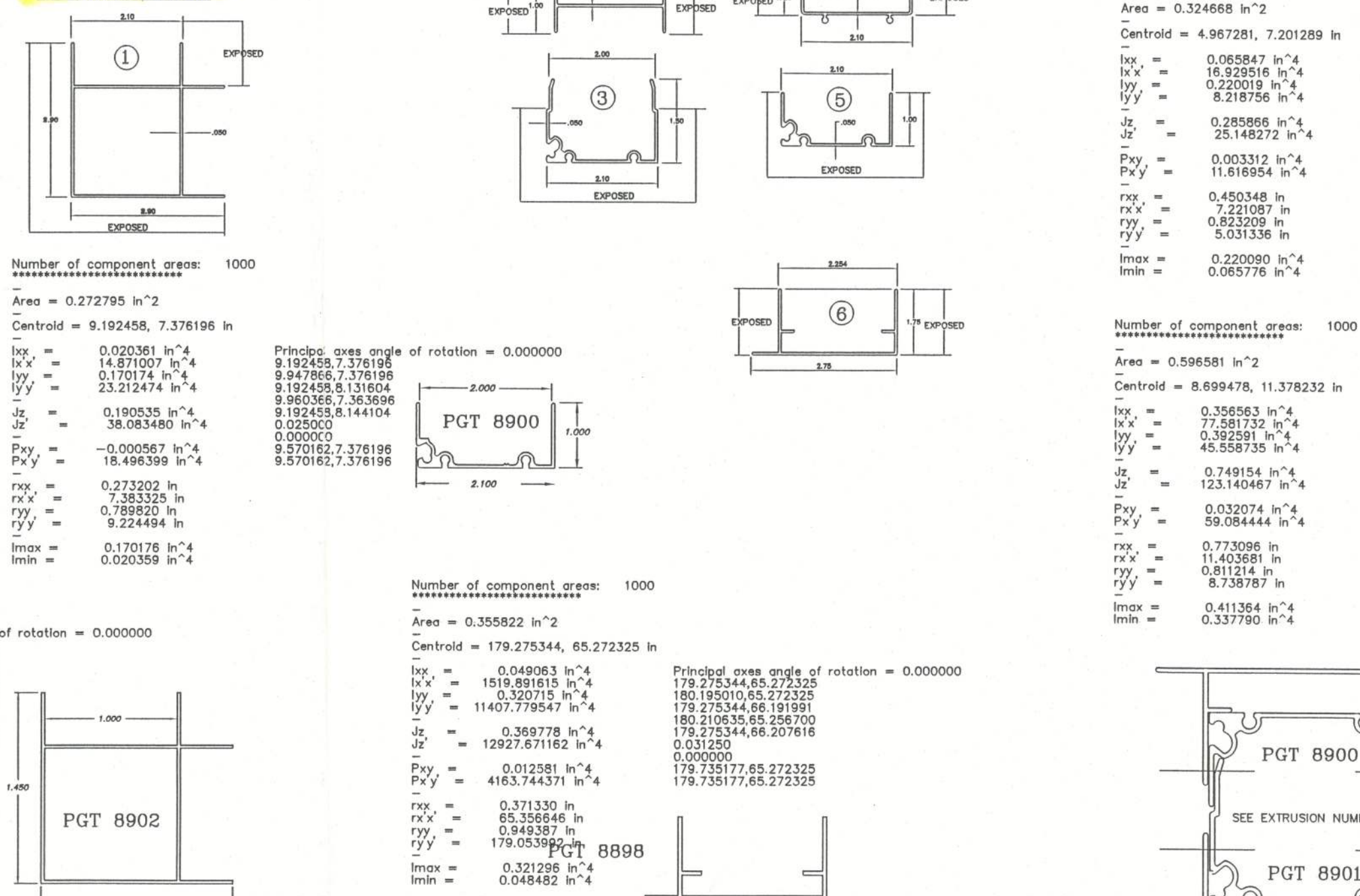
EXTRUSION PROFILES

3" PATIO ROOM



EXTRUSION PROFILES

2" PATIO ROOM



GENERAL NOTES:

- 1) CALCULATION TABLES INCLUDE A 33.3% INCREASE FOR SIZING AND WIND CONNECTIONS.
- 2) BOLTED CONNECTIONS: STEEL BOLTS USED WITH ALUMINUM STRUCTURES SHALL BE ALUMINIZED (NOT HOT-DIP GALVANIZED) OR PLATED ELECTROLYTICALLY TO PREVENT GALVANIC CORROSION THAT WILL RESULT FROM DIRECT CONTACT BETWEEN STEEL AND ALUMINUM.
- 3) ALL DATA IS CALCULATED FOR EXPOSURE "B" AND "C" (DEPENDS ON ROOM TYPE) AS DESCRIBED IN THE A.S.C.E. HANDBOOK/ASCE 7-98 OF THE FLORIDA BUILDING CODE.
- 4) THESE PLANS ARE IN COMPLIANCE WITH THE 2001 EDITION OF THE FLORIDA BUILDING CODE.

CAUTION: THESE CALCULATIONS AND TABLES ARE INTENDED AS MINIMUM GUIDELINES TO NORMAL & PROPER INSTALLATION. ANY VARIANCES MUST BE COVERED BY A REGISTERED PROFESSIONAL ENGINEER.

Number of component areas: 1000

Area = 0.596881 in²

Centroid = 8.699478, 11.378232 in

Principal axes angle of rotation = 0.000000

PGT 8900

PGT 8901

PGT 8902

PGT 8903

PGT 8904

PGT 8905

PGT 8906

PGT 8907

PGT 8908

PGT 8909

PGT 8910

PGT 8911

PGT 8912

PGT 8913

PGT 8914

PGT 8915

PGT 8916

PGT 8917

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PGT 8994

PGT 8995

PGT 8996

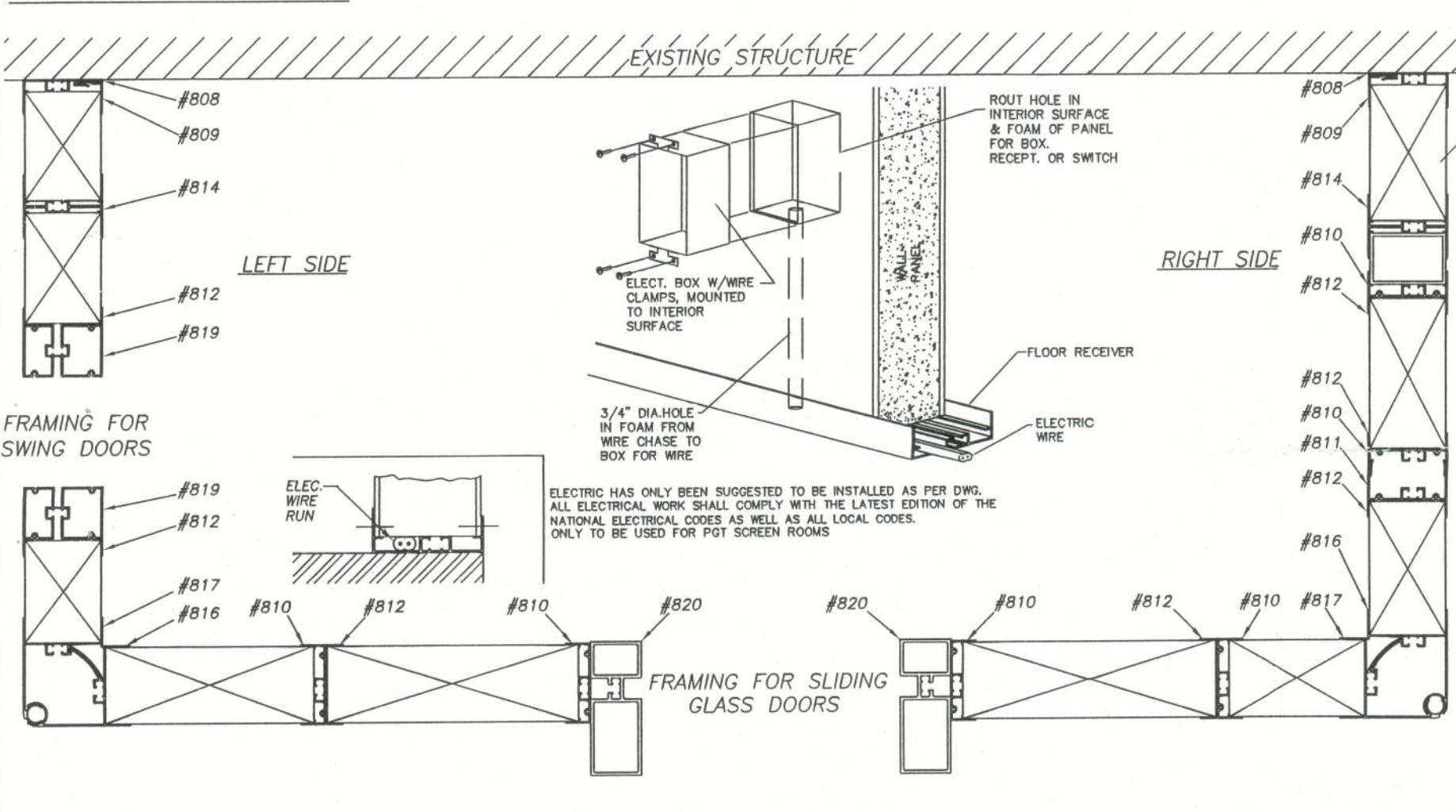
PGT 8997

PGT 8998

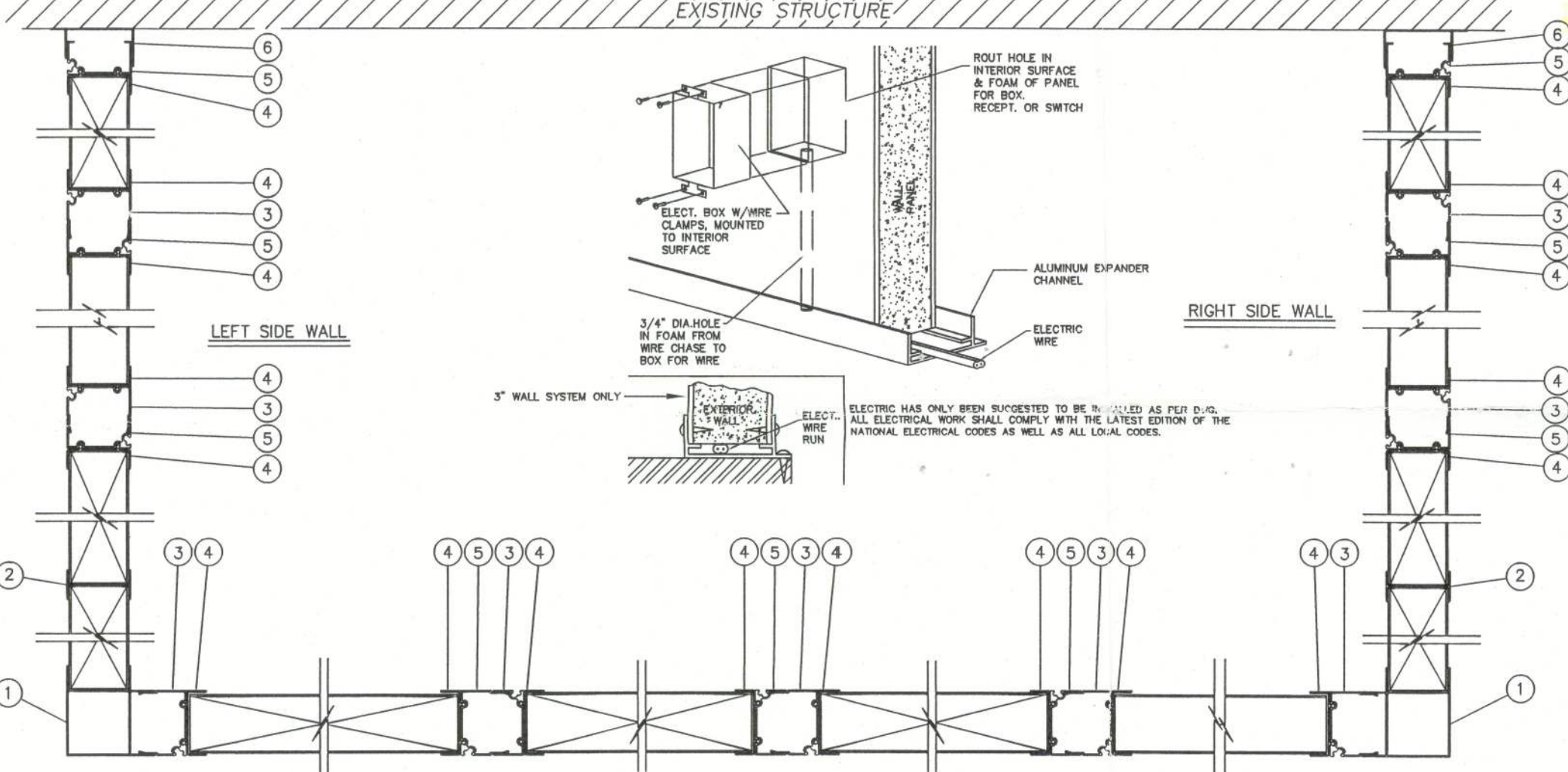
PGT 8999

PGT 9000

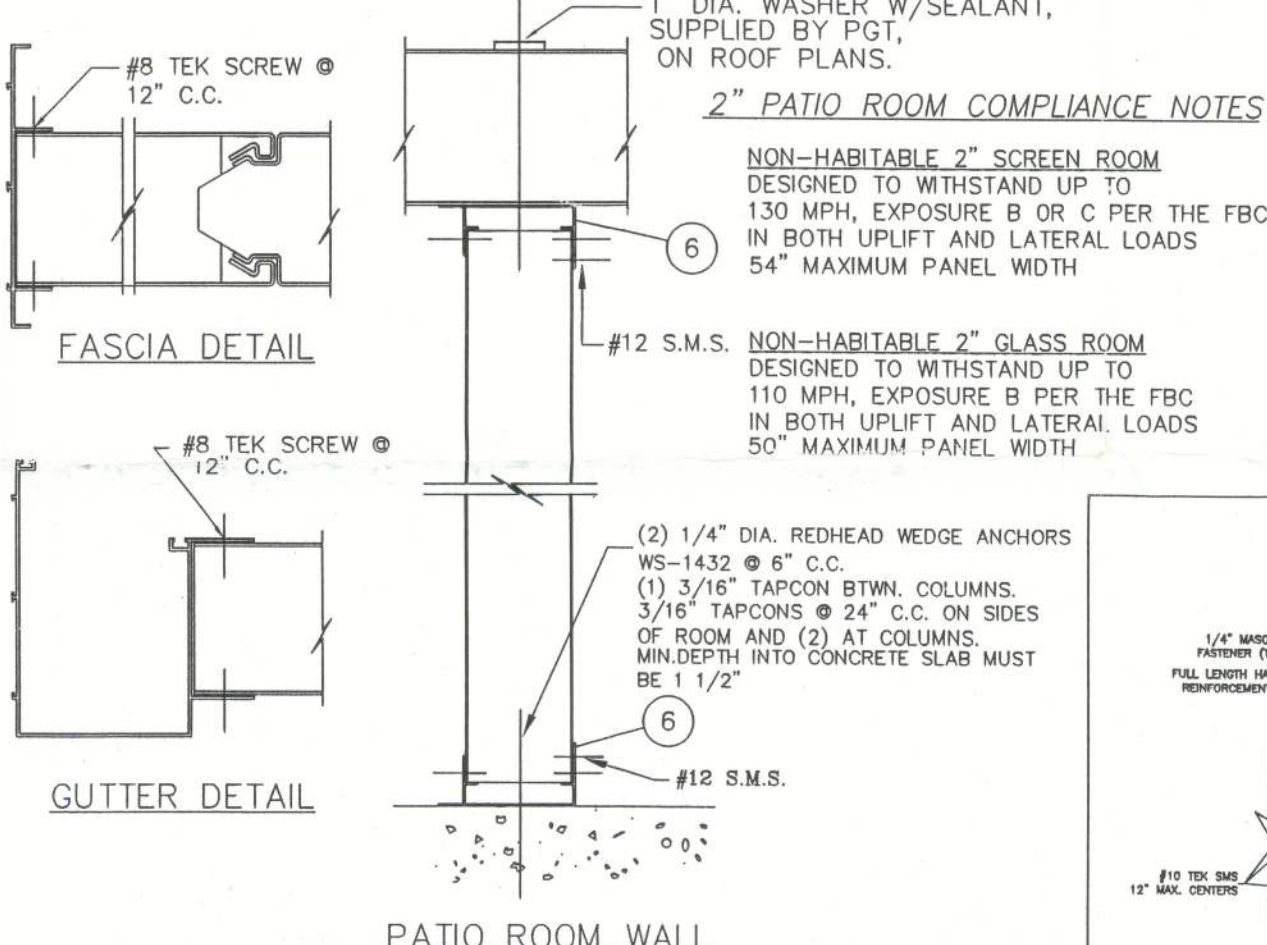
3" PATIO ROOM



2" PATIO ROOM



2" PATIO ROOM



THERMADECK FLOOR PANEL SPAN CHARTS

48" x 3 5/8" E.P.S. & 6 5/8" E.P.S. WITH (2) 15/32 O.S.B. LAMINATES

48" x 3 5/8" E.P.S. WITH (2) 15/32 O.S.B. LAMINATES CLEAR SPAN LENGTH

48" x 3 5/8" E.P.S. WITH (2) 15/32 O.S.B. LAMINATES CLEAR SPAN LENGTH

48" x 6 5/8" E.P.S. WITH (2) 15/32 O.S.B. LAMINATES CLEAR SPAN LENGTH

ROOF HEADER ANCHORAGE REQUIREMENTS FOR 111 TO 130 MPH, EXP. B OR C

ROOF HEADER ATTACHMENT TO EXISTING STRUCTURE FOR 110 MPH, EXPOSURE B OR C

ROOF HEADER ATTACHMENT TO CONCRETE: 1/4" TAPCON @ 12" O.C. 1 1/2" MIN. EMBEDMENT

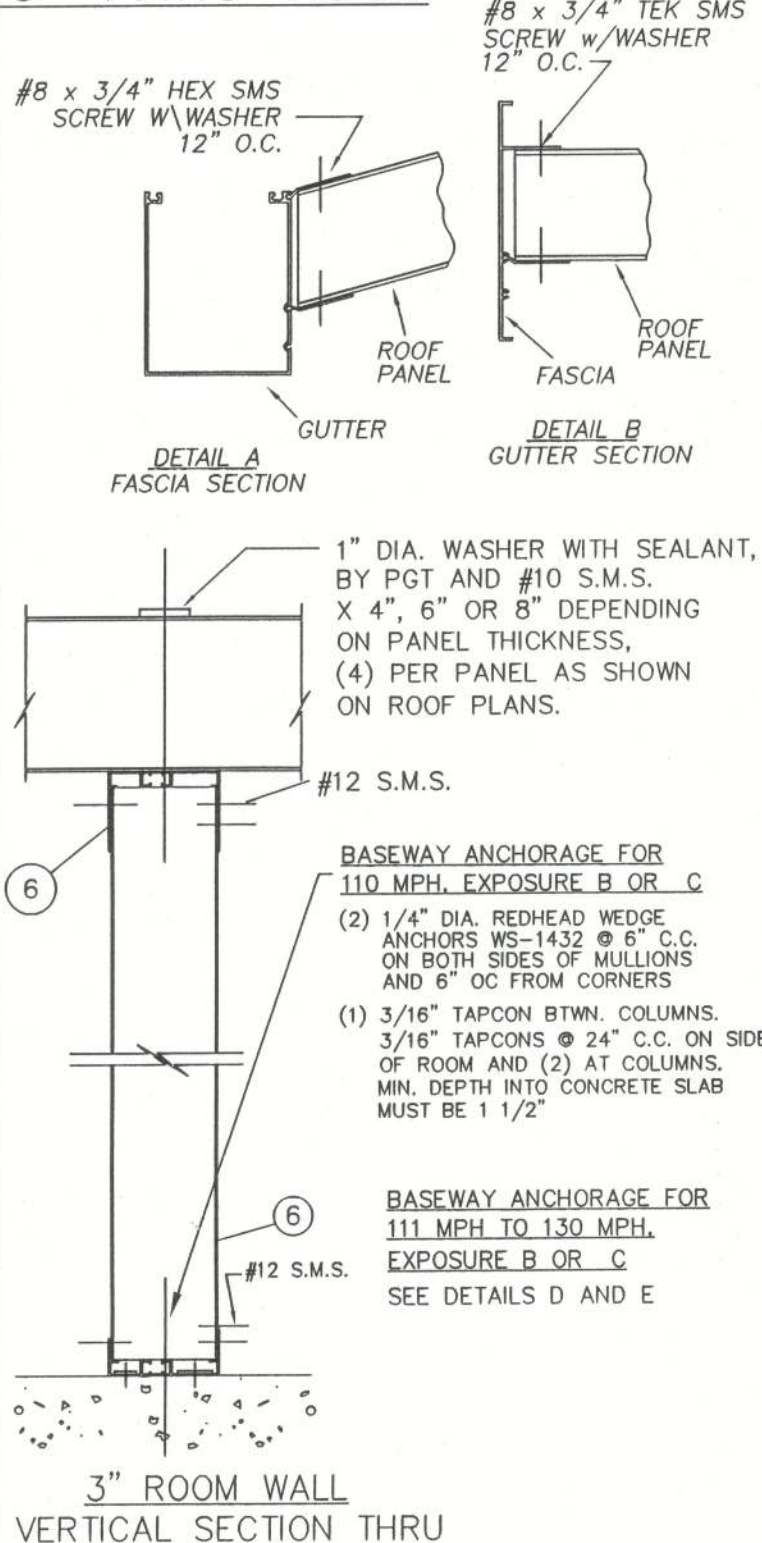
ROOF HEADER ATTACHMENT TO WOOD: #12 WOOD SCREW @ 12" O.C. 1 1/2" MIN. EMBEDMENT

ROOF PANEL ANCHORAGE

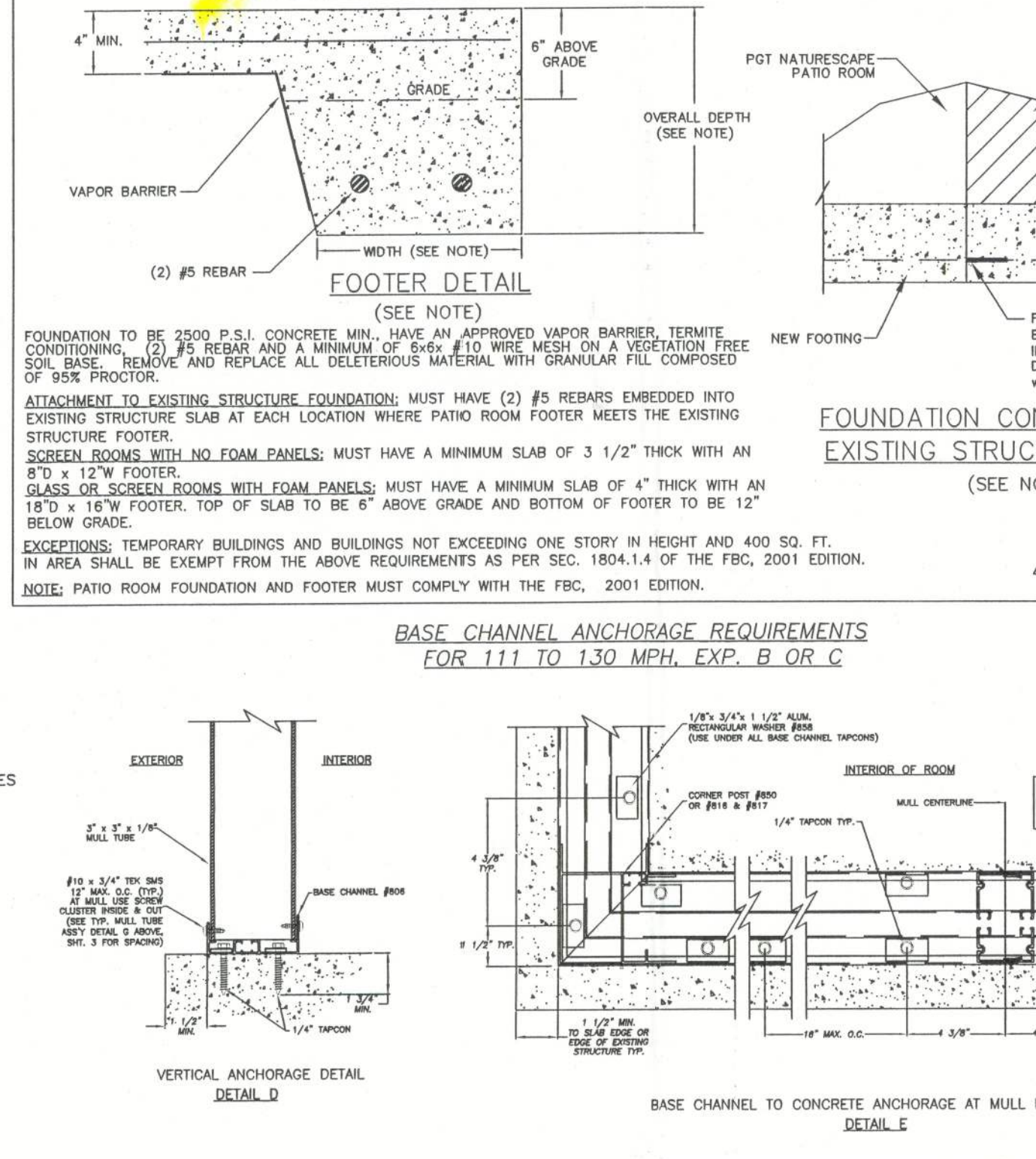
WINDS TO 110 MPH, EXP. B OR C: #10 x 4" 6" OR 8" (DEPENDS ON ROOF THICKNESS) HEX HD. W/ ANCHORING PATTERN AND PROPERLY NO PORTION OF THIS INFORMATION, DESIGN OR DATA CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF PGT INDUSTRIES AND CONSIDERED CONFIDENTIAL AND PROPRIETARY. NO PORTION OF THIS INFORMATION SHALL BE REPRODUCED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN PERMISSION OF PGT INDUSTRIES.

NOTE: EXISTING STRUCTURE HAS NOT BEEN CHECKED FOR STRUCTURAL ADEQUACY.

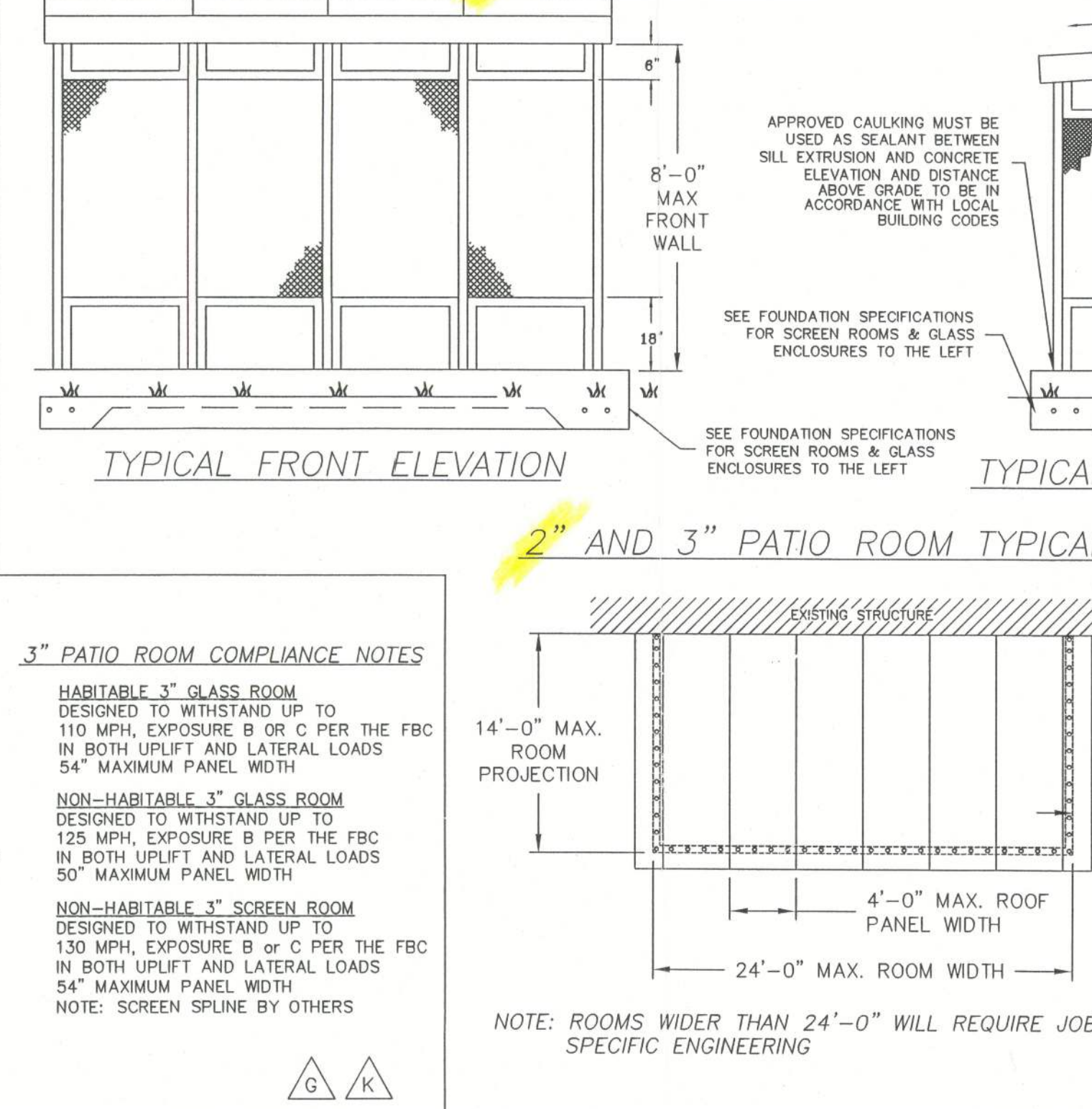
3" PATIO ROOM



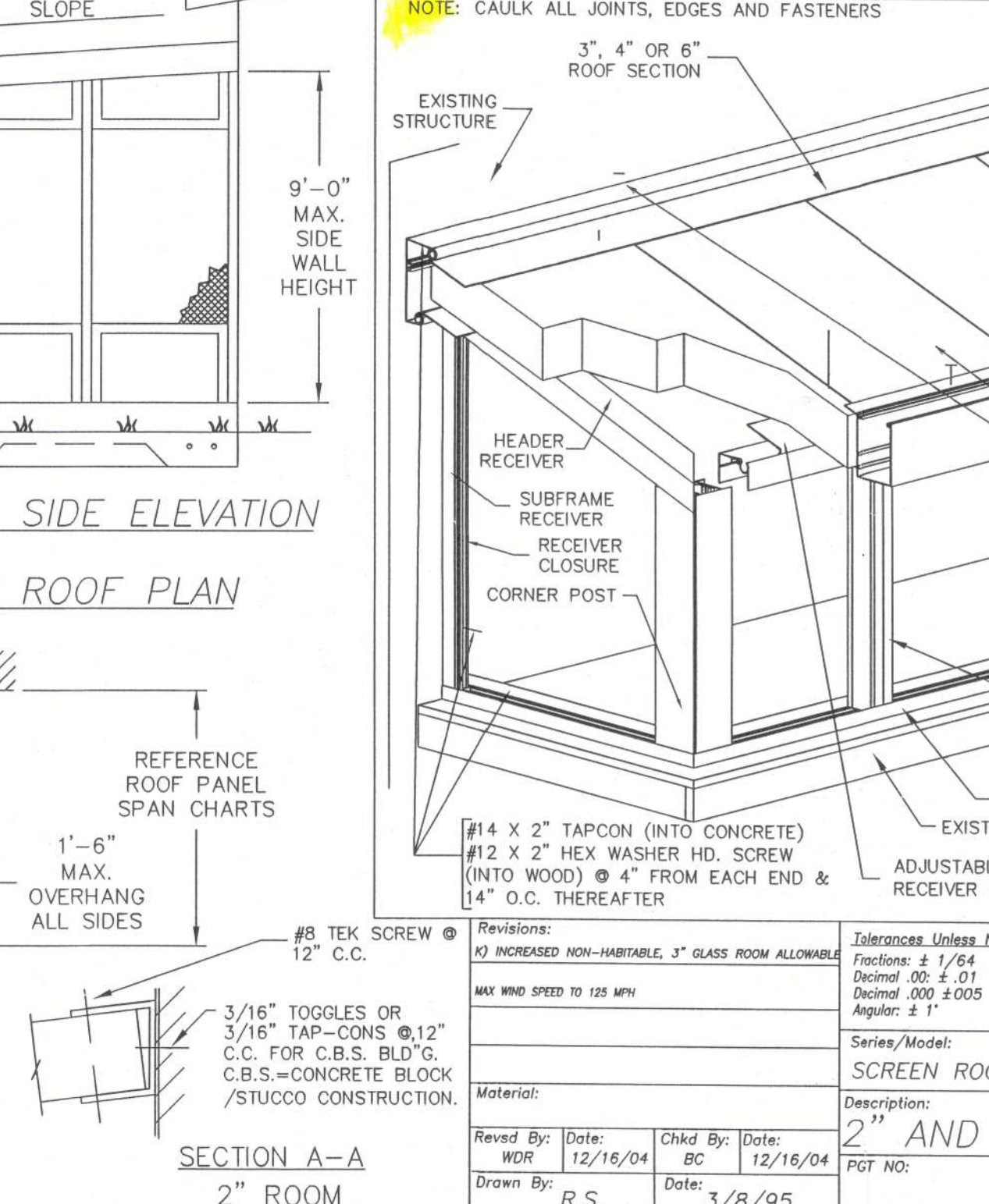
2" & 3" PATIO ROOM FOUNDATION DETAILS



2" & 3" PATIO ROOM



2" & 3" PATIO ROOM ANCHORAGE



2" & 3" PATIO ROOM ANCHORAGE

