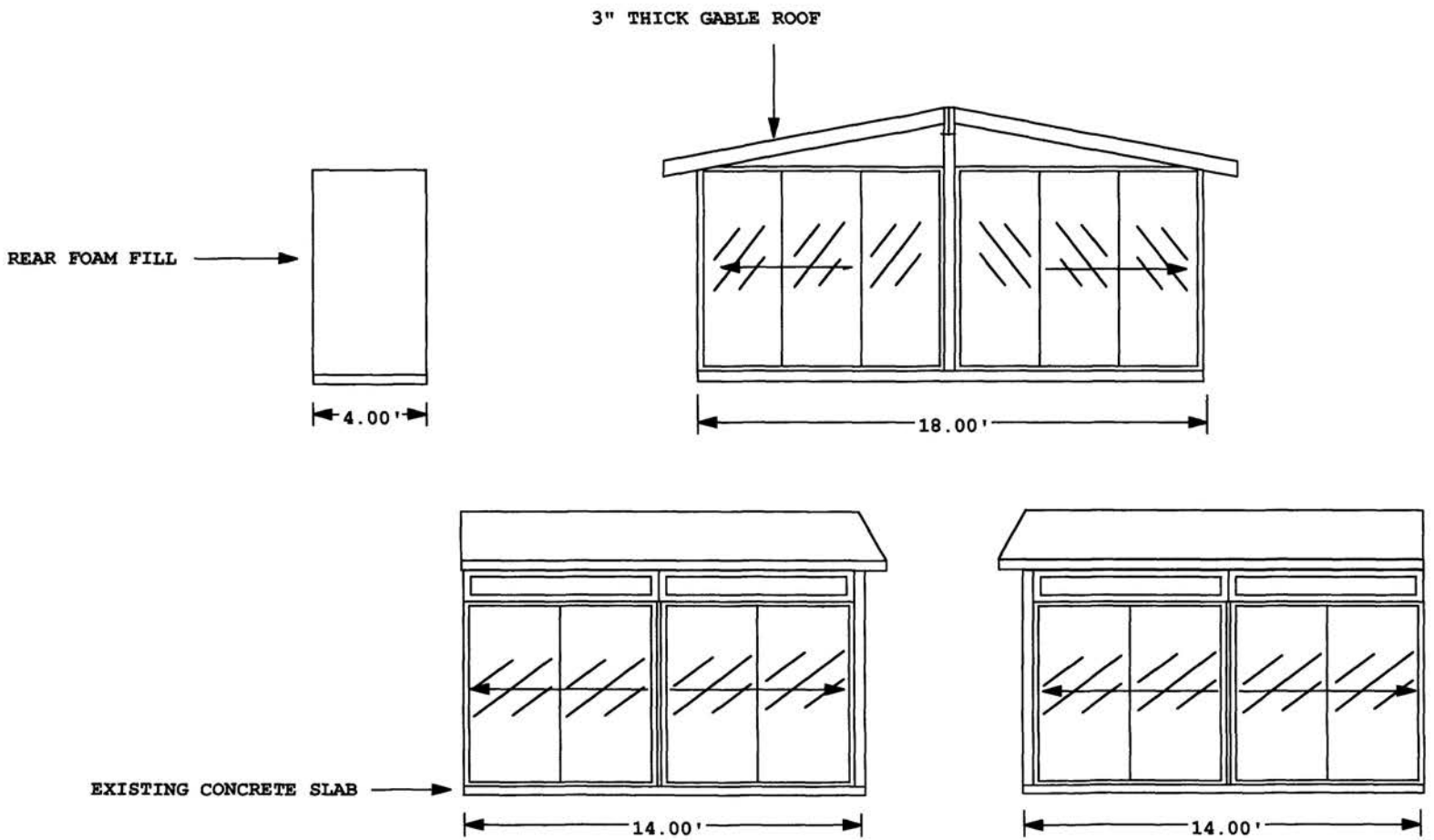
FRANCIS YATES
30805
6520 8TH ST. N.W.
WASHINGTON D.C. 20012



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BZA
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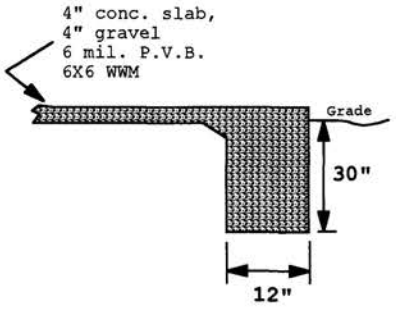
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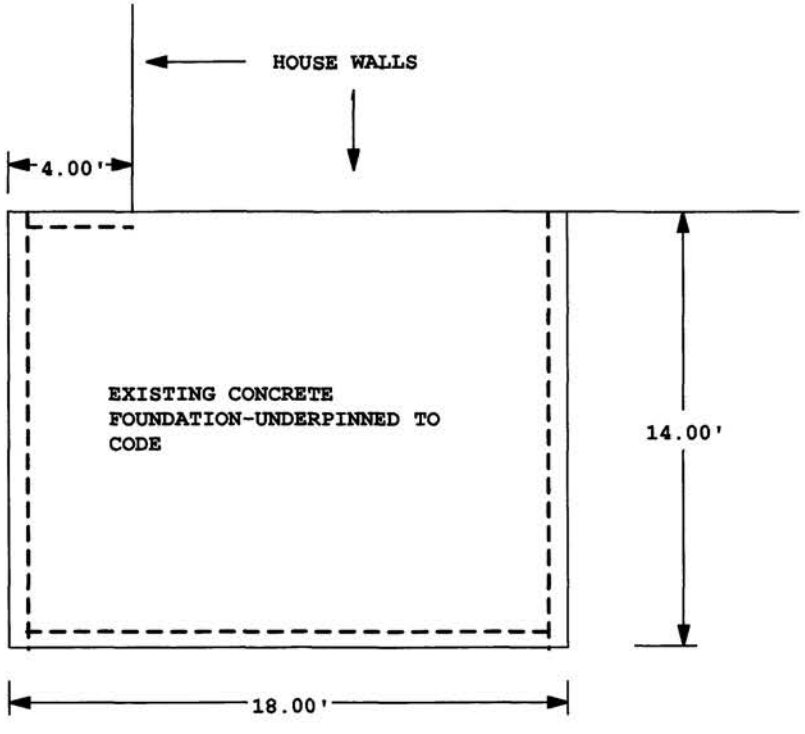
Board of Zoning Adjustment
District of Columbia
CASE NO. 17180

FRANCIS YATES
30805
6520 8TH ST. N.W.
WASHINGTON D.C. 20012

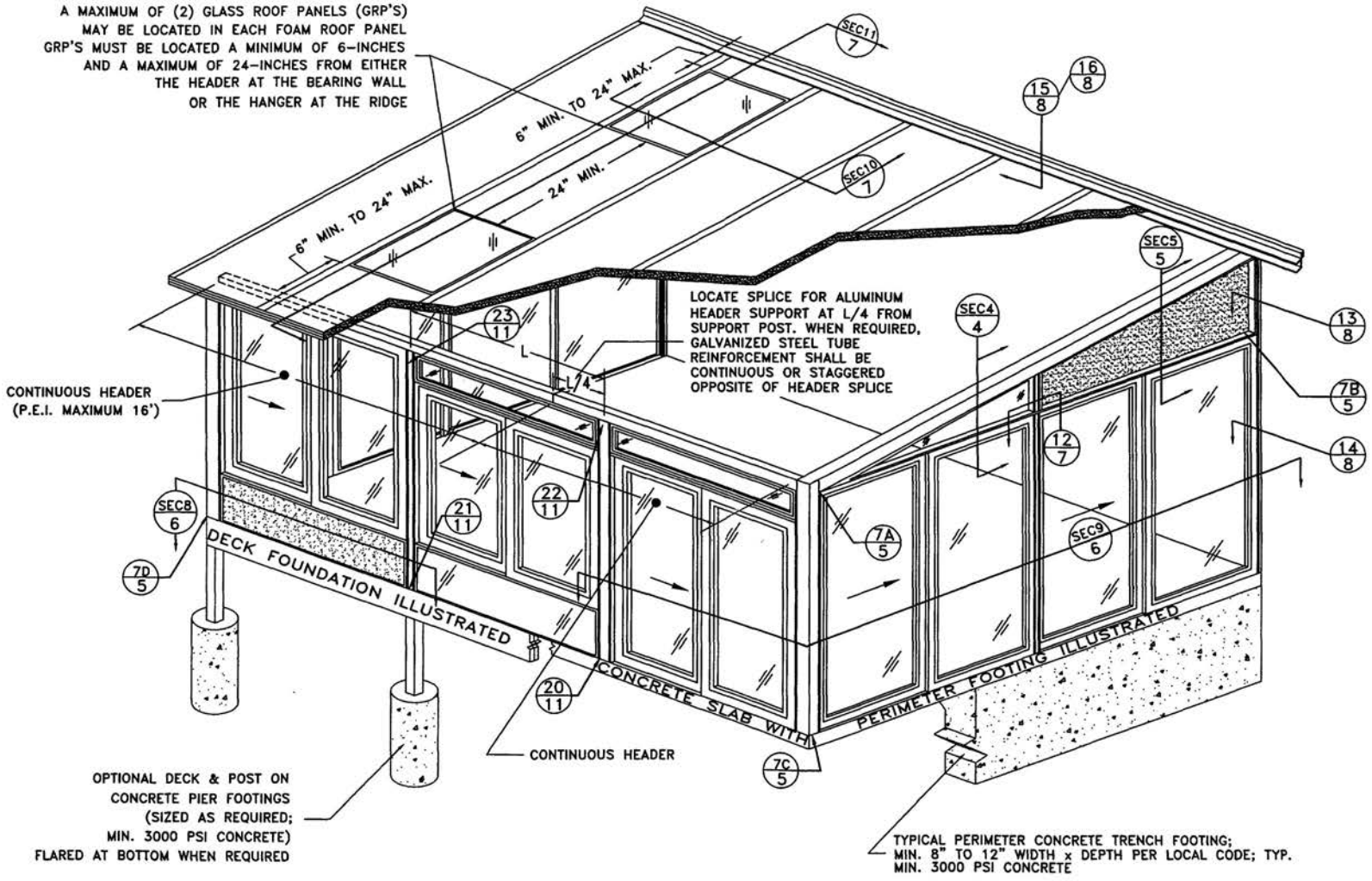
***FOOTER DETAIL**

Monolithic Slab





Job #
Checked by: Date:



AAS SUNROOM ENCLOSURES

SUNROOM ISOMETRIC

DISTRICT OF COLUMBIA
KARL A. RINAS
REGISTERED
PROFESSIONAL ENGINEER

DRAWN BY: VNG
DATE: 09-17-03
SCALE: NTS

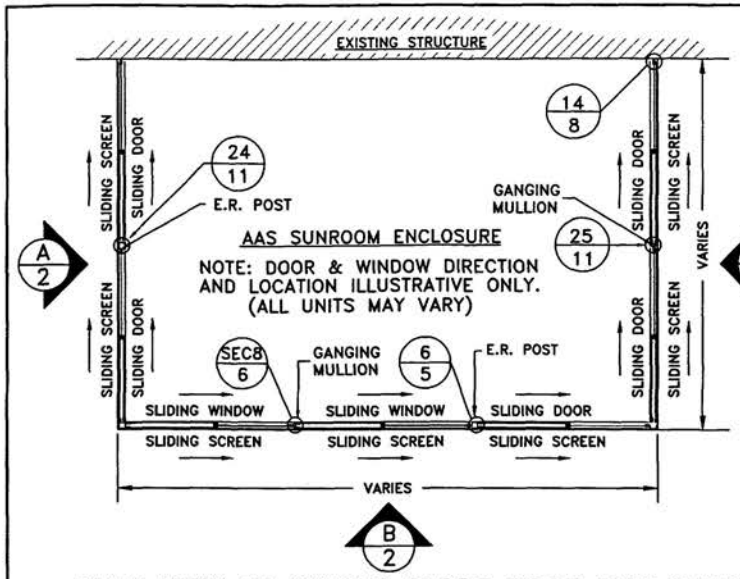
Patio ENCLOSURES, INC.®
AN EMPLOYEE OWNED COMPANY

720 E. HIGHLAND ROAD
MACEDONIA, OHIO 44056

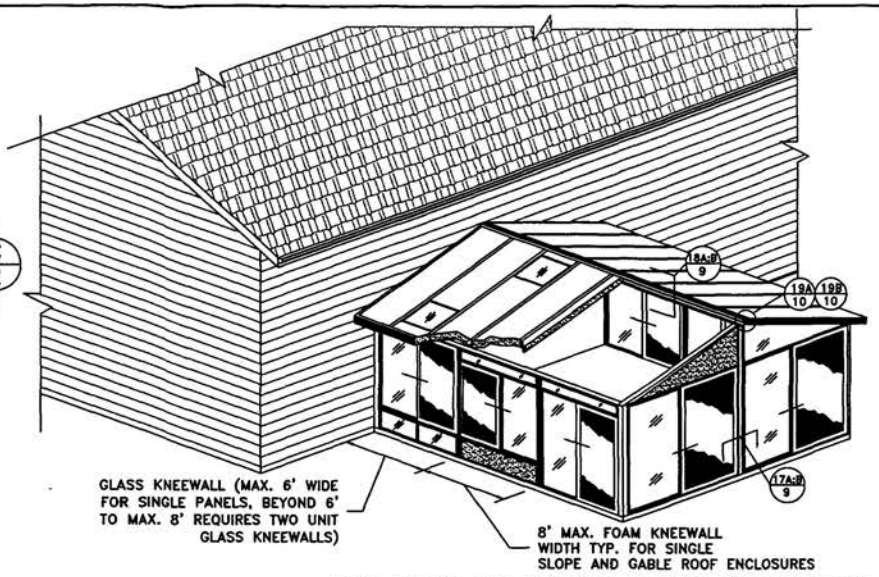
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STANDARD
AAS DETAILS

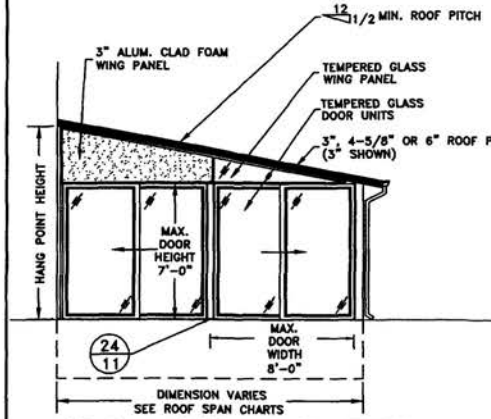


PLAN VIEW OF SINGLE SLOPE ROOF ENCLOSURE

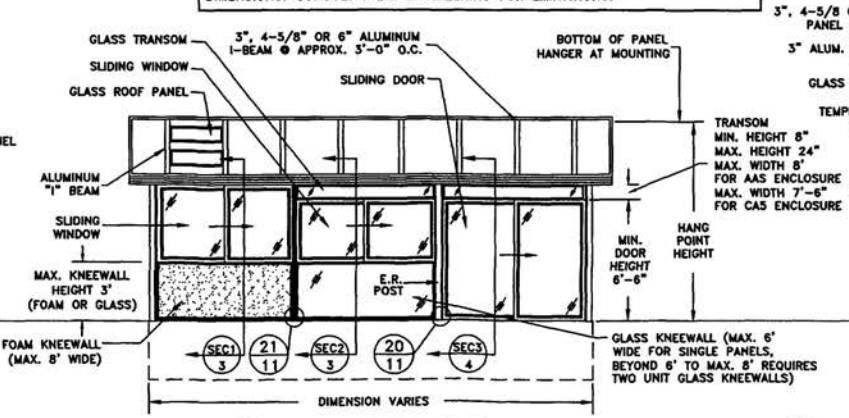


ISO VIEW OF GABLE ROOF ENCLOSURE

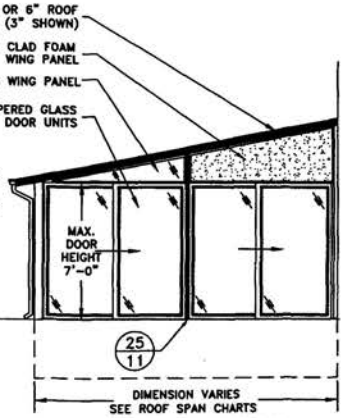
NOTE:
BUILDING CODE REQUIREMENTS FOR WIND AND/OR SNOW LOADING CAN REDUCE MAXIMUM DIMENSIONS OF DOOR & WINDOW UNITS & OVERALL ENCLOSURE DIMENSIONS. CONSULT P.E.I. ENGINEERING FOR LIMITATIONS.



A/2 A – WALL ELEVATION
AAS SUNROOM ENCLOSURE



B/2 B – WALL ELEVATION
AAS SUNROOM ENCLOSURE



C/2 C – WALL ELEVATION
AAS SUNROOM ENCLOSURE

SUNROOM ISOMETRIC

DISTRICT OF COLUMBIA ★ KARL A. RINAS 10646 REGISTERED PROFESSIONAL ENGINEER

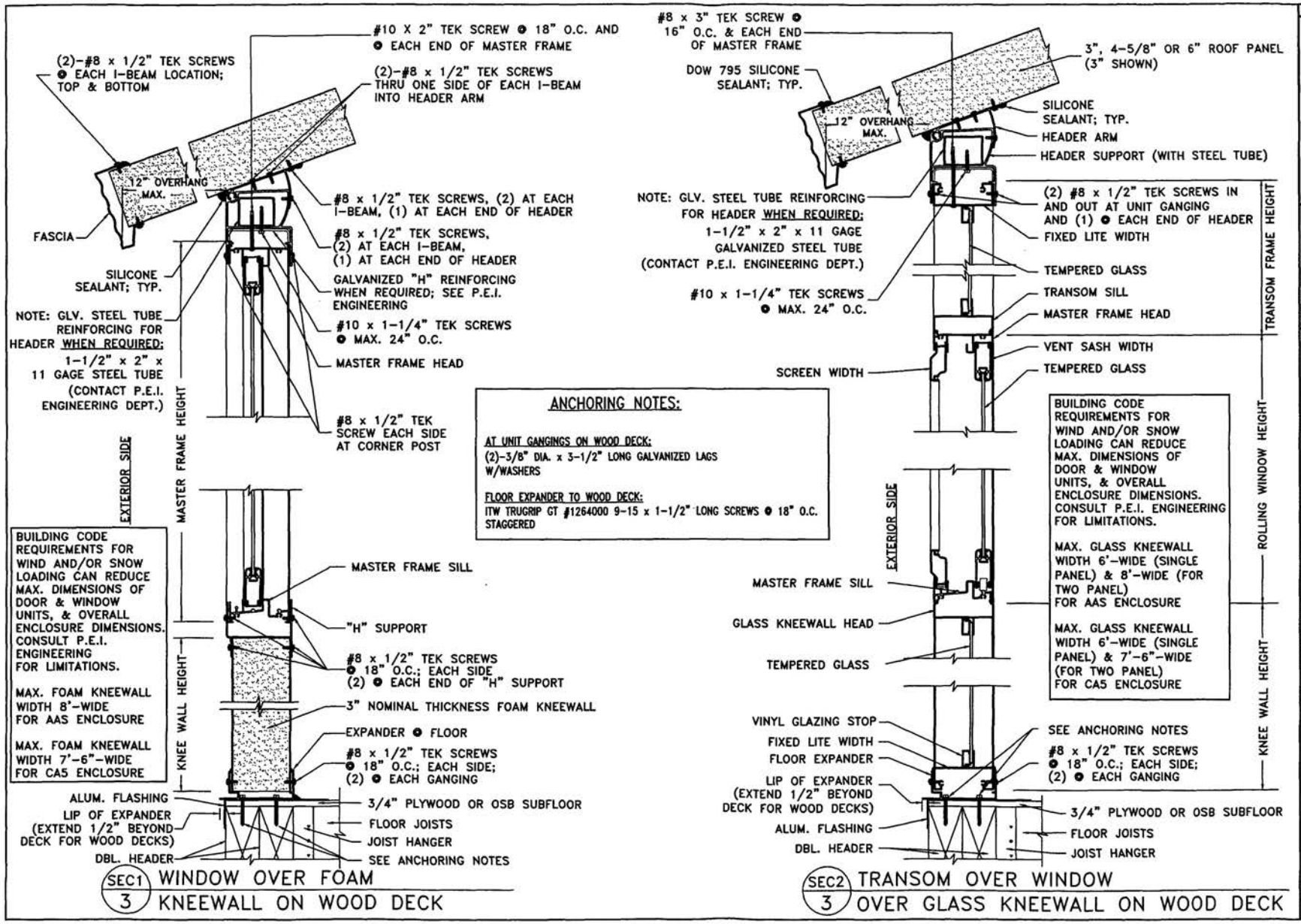
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STANDARD AAS DETAILS



SEC1 3 WINDOW OVER FOAM KNEEWALL ON WOOD DECK

SEC2 3 TRANSOM OVER WINDOW OVER GLASS KNEEWALL ON WOOD DECK

SUNROOM ISOMETRIC

DISTRICT OF COLUMBIA KARL A. RINAS REGISTERED PROFESSIONAL ENGINEER

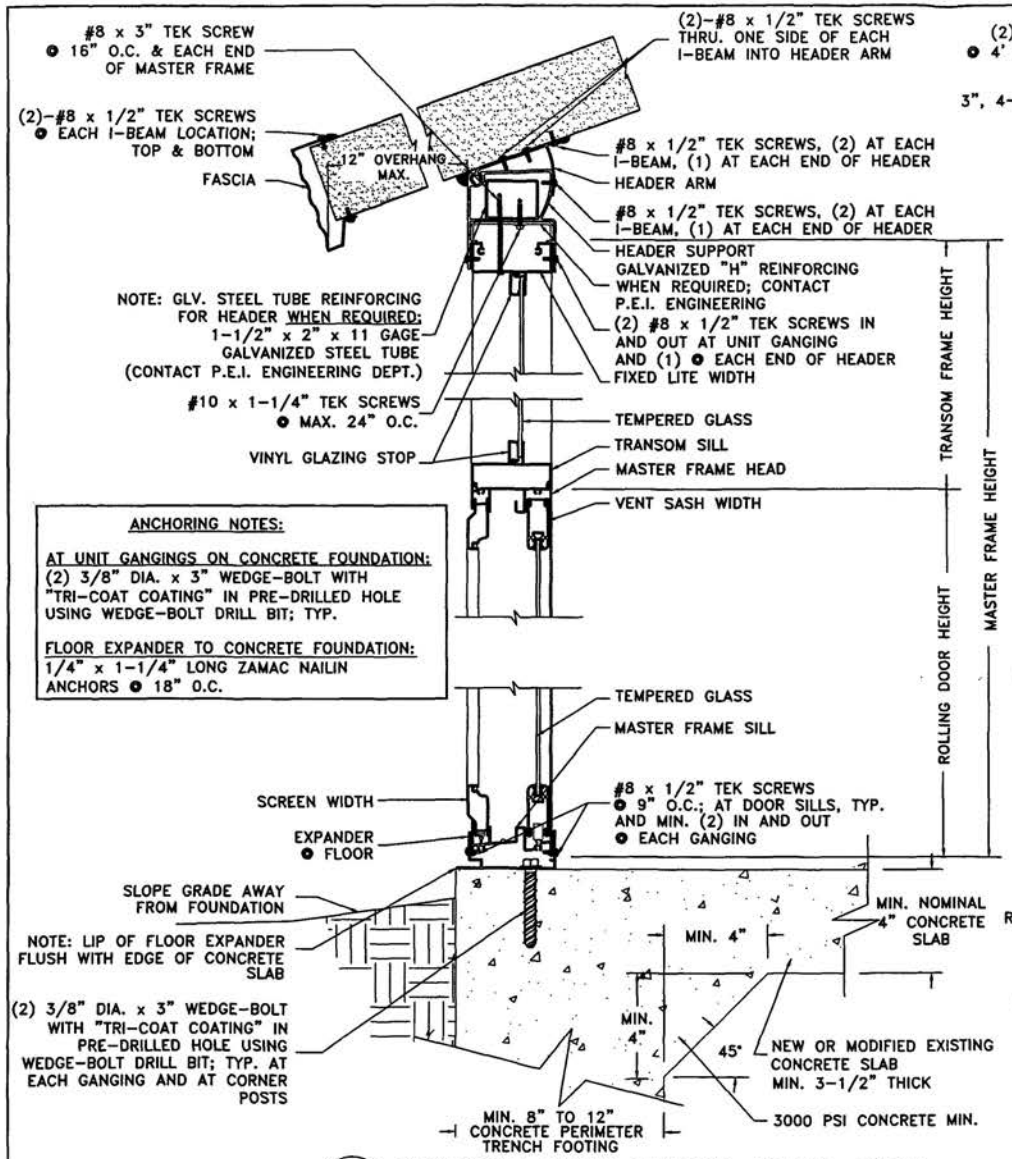
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STANDARD AAS DETAILS



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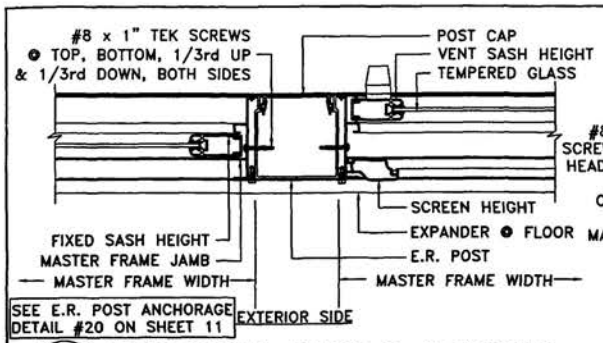
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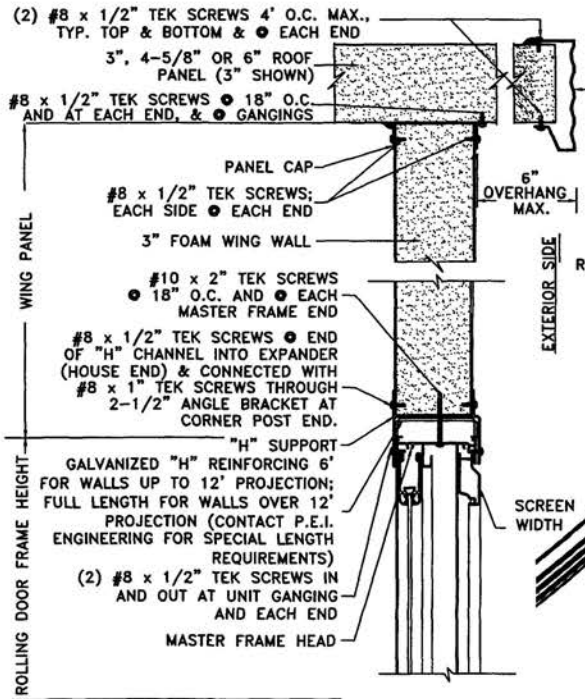
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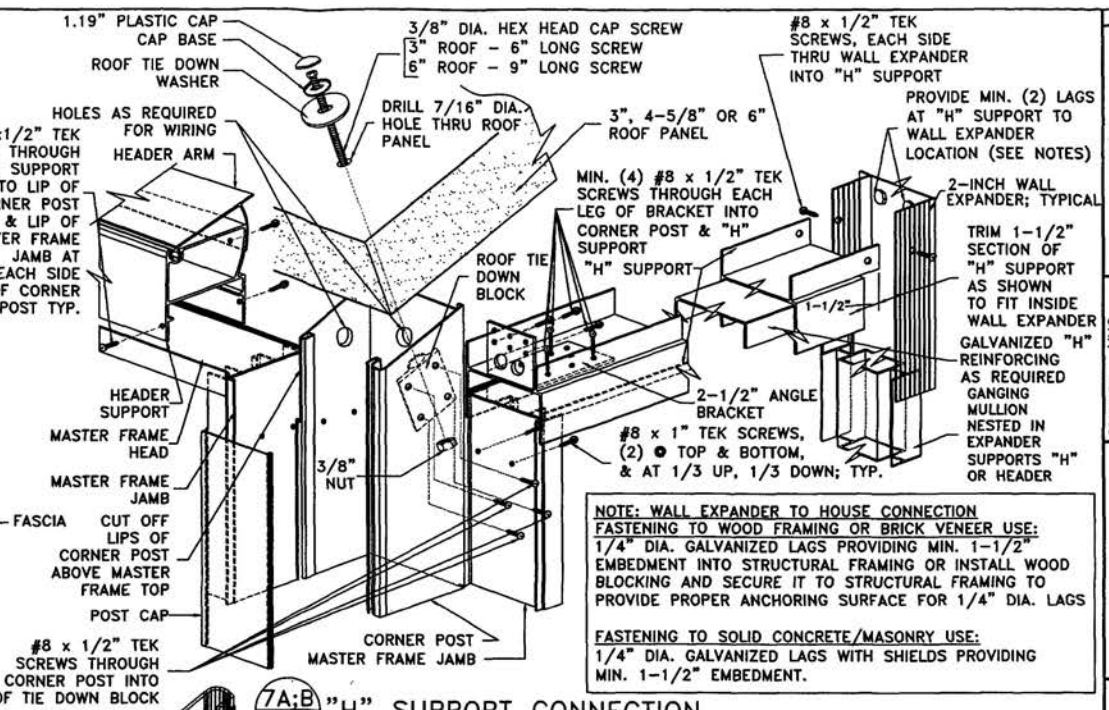
STANDARD AAS DETAILS



6/5 ELECTRICAL POST @ GANGING PLAN VIEW



SEC5/5 FOAM WING OVER SLIDING GLASS DOOR

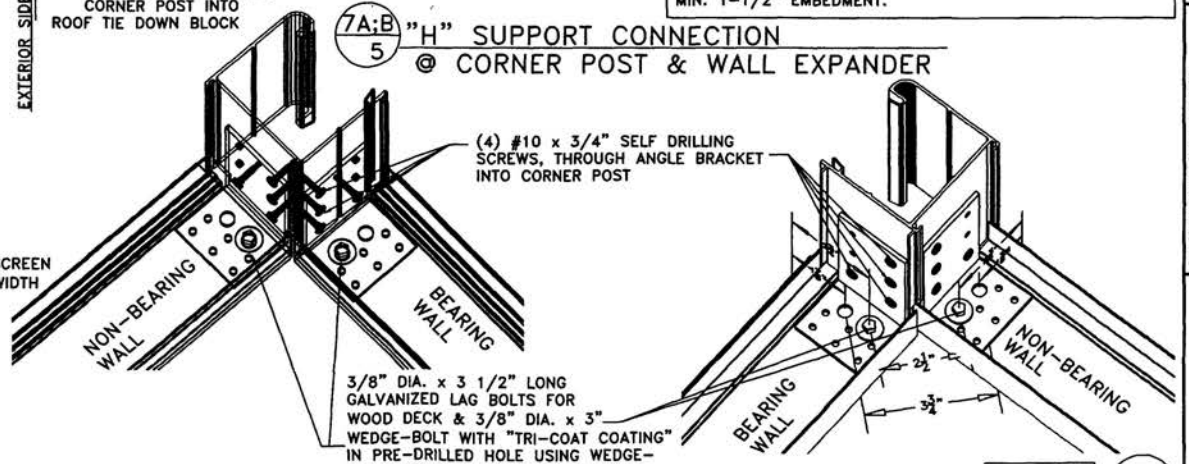


NOTE: WALL EXPANDER TO HOUSE CONNECTION

FASTENING TO WOOD FRAMING OR BRICK VENEER USE:
1/4" DIA. GALVANIZED LAGS PROVIDING MIN. 1-1/2" EMBEDMENT INTO STRUCTURAL FRAMING OR INSTALL WOOD BLOCKING AND SECURE IT TO STRUCTURAL FRAMING TO PROVIDE PROPER ANCHORING SURFACE FOR 1/4" DIA. LAGS

FASTENING TO SOLID CONCRETE/MASONRY USE:
1/4" DIA. GALVANIZED LAGS WITH SHIELDS PROVIDING MIN. 1-1/2" EMBEDMENT.

7A;B/5 "H" SUPPORT CONNECTION @ CORNER POST & WALL EXPANDER

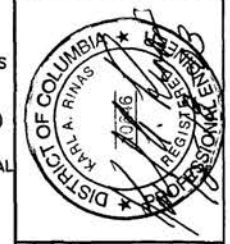


DETAIL AT B-C CORNER 7C/5

DETAIL AT A-B CORNER 7D/5

WOOD & CONCRETE FOUNDATION ANCHORAGE @ CORNER POST & FLOOR EXPANDERS

SUNROOM ISOMETRIC



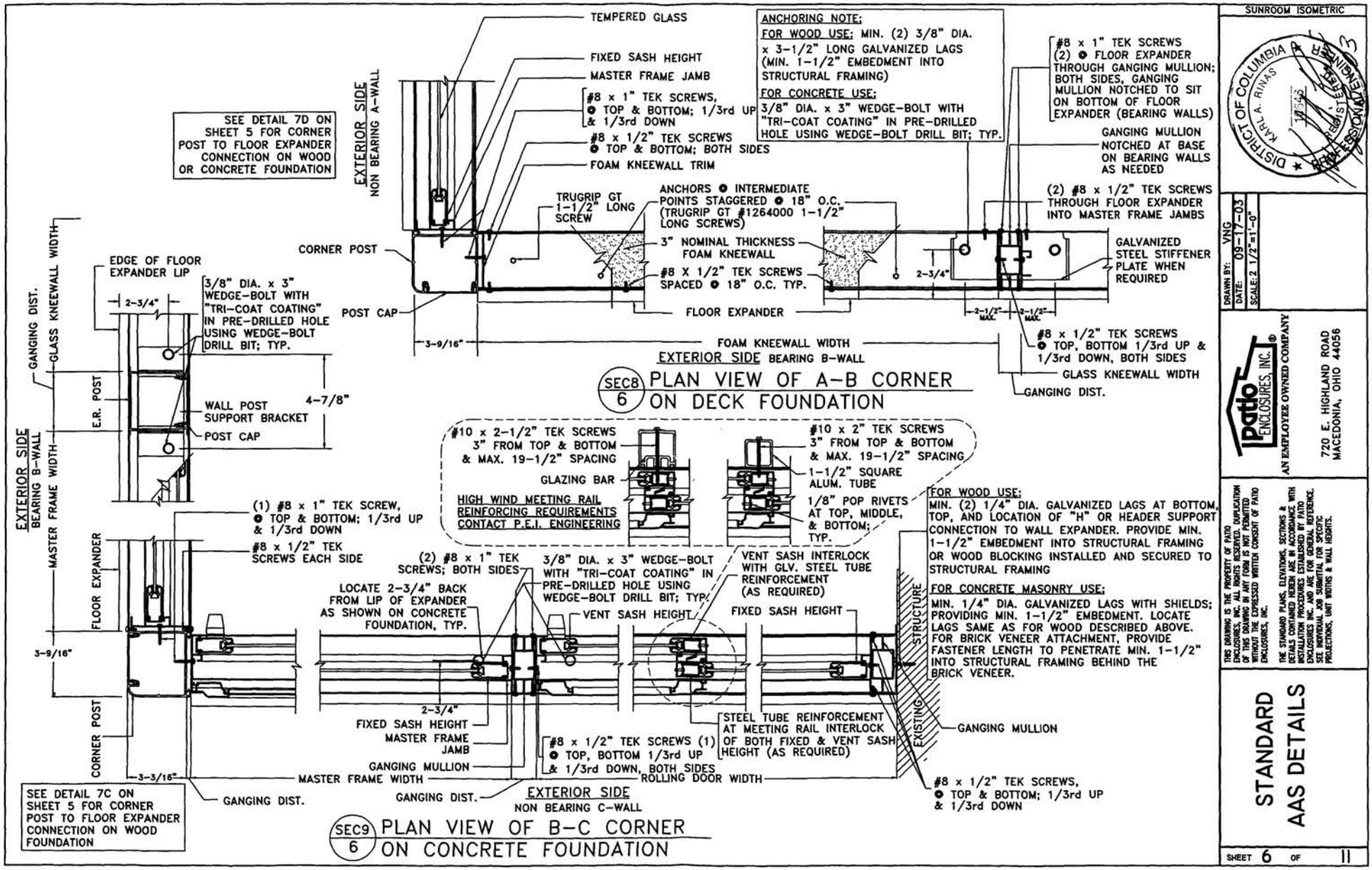
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STANDARD AAS DETAILS



SUNROOM ISOMETRIC

DISTRICT OF COLUMBIA — KARL A. RINAS — REGISTERED PROFESSIONAL ENGINEER

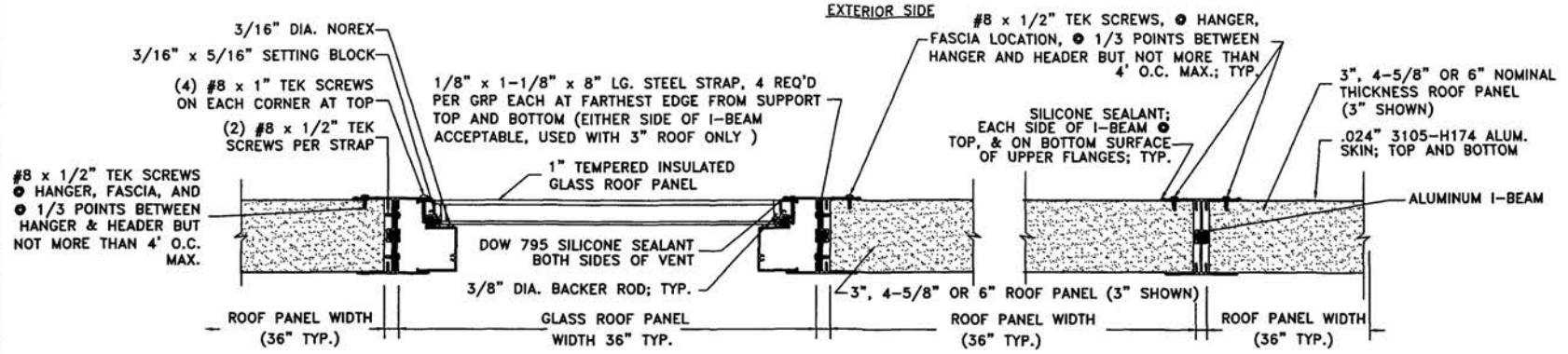
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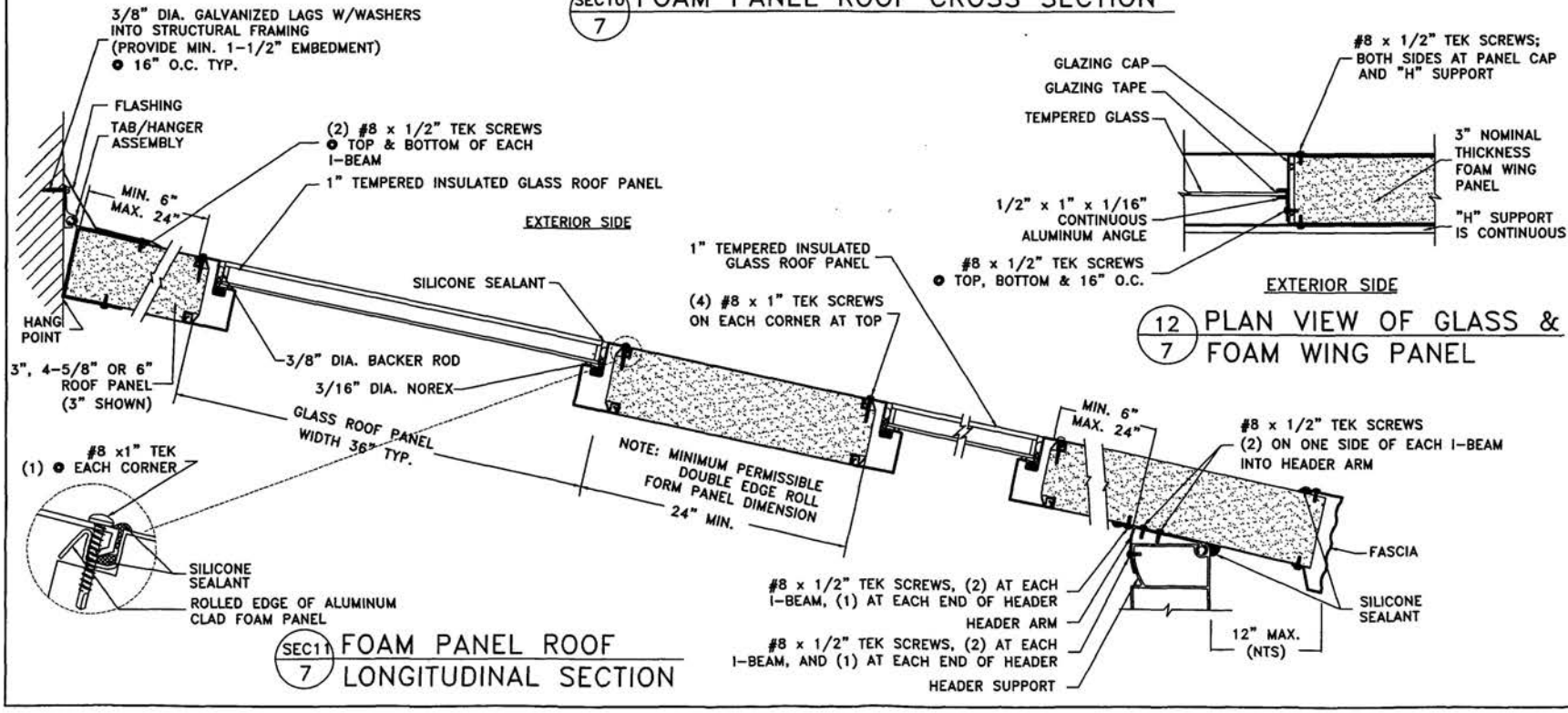
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STANDARD AAS DETAILS



SEC10 / 7 FOAM PANEL ROOF CROSS SECTION



SEC11 / 7 FOAM PANEL ROOF LONGITUDINAL SECTION

12 / 7 PLAN VIEW OF GLASS & FOAM WING PANEL

SUNROOM ISOMETRIC

KARL A. RINAS 10646 STATE OF OHIO PROFESSIONAL ENGINEER DISTRICT OF COLUMBIA

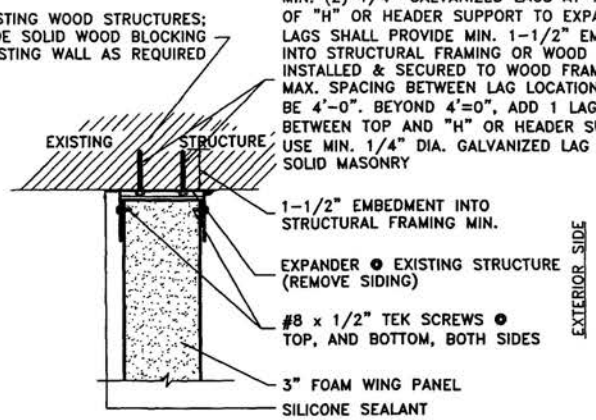
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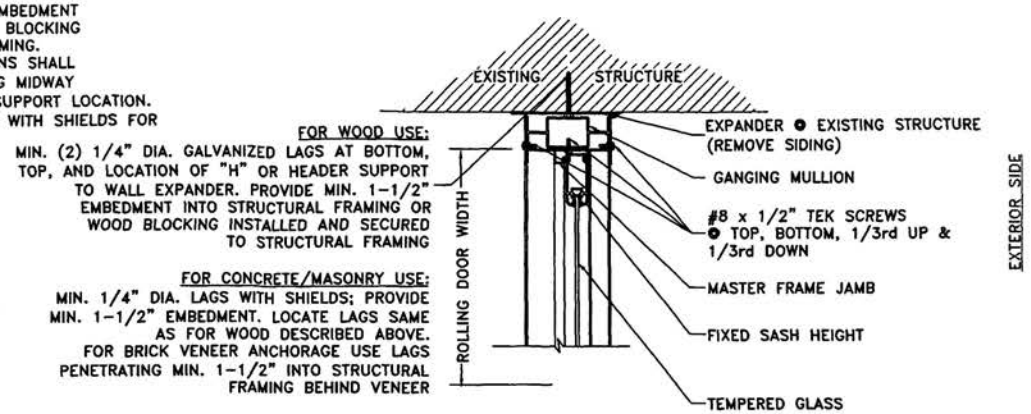
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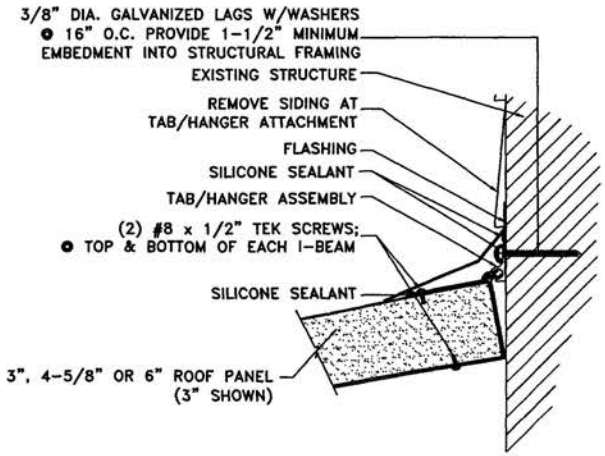
STANDARD AAS DETAILS



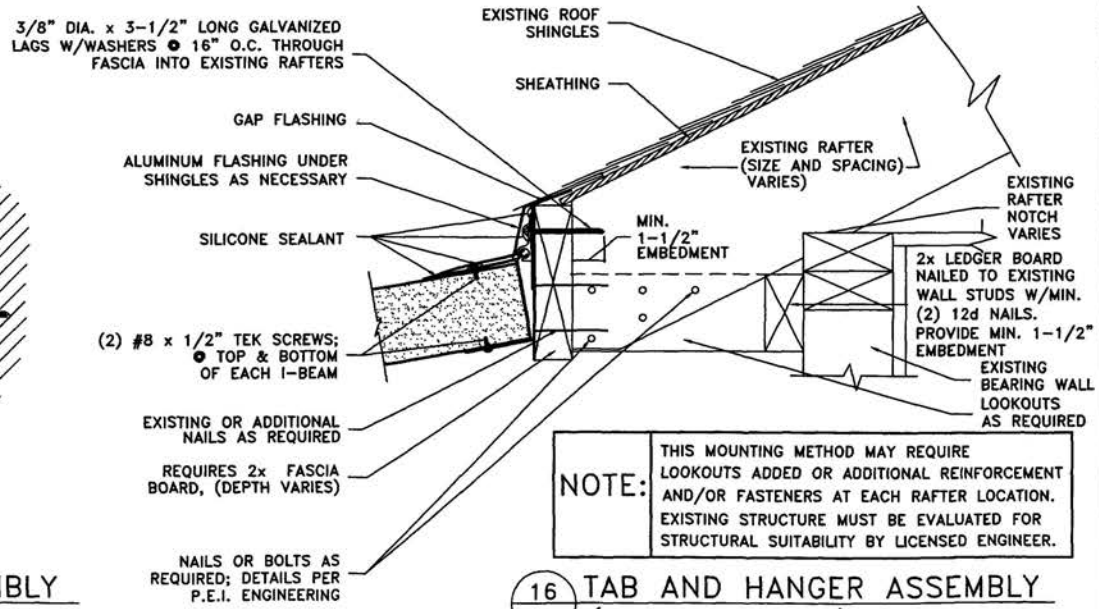
13/8 PLAN VIEW OF WING PANEL AT EXISTING STRUCTURE



14/8 PLAN VIEW OF ROLLING DOOR AT EXISTING STRUCTURE



15/8 TAB AND HANGER ASSEMBLY (WALL MOUNT)



NOTE: THIS MOUNTING METHOD MAY REQUIRE LOOKOUTS ADDED OR ADDITIONAL REINFORCEMENT AND/OR FASTENERS AT EACH RAFTER LOCATION. EXISTING STRUCTURE MUST BE EVALUATED FOR STRUCTURAL SUITABILITY BY LICENSED ENGINEER.

16/8 TAB AND HANGER ASSEMBLY (FASCIA MOUNT)

SUNROOM ISOMETRIC

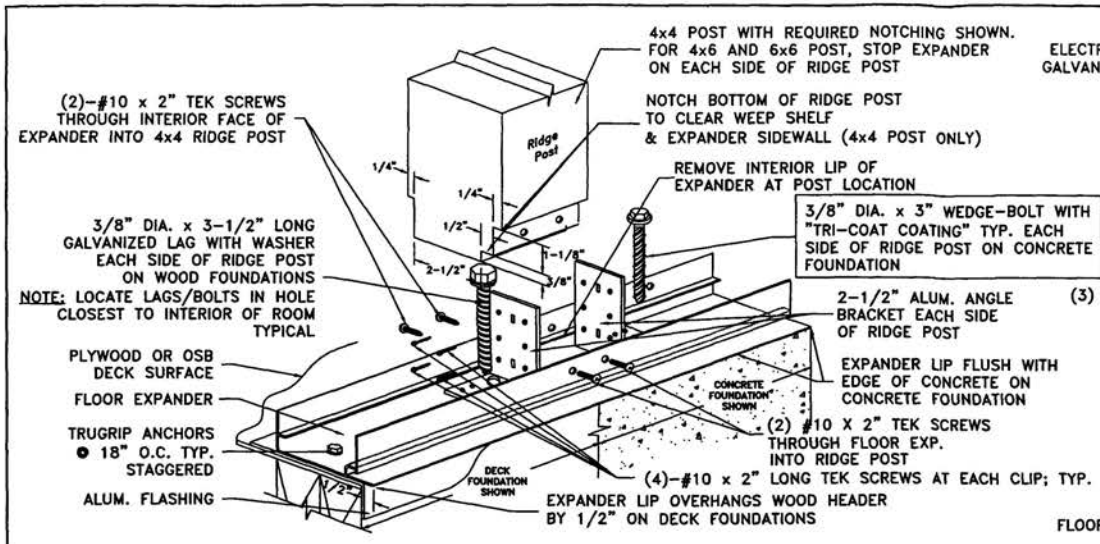


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SCALE: 2 1/2"=1'-0"

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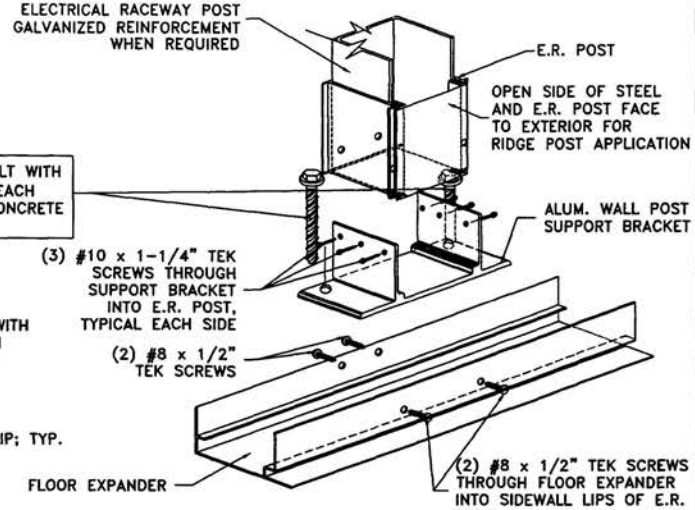
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STANDARD AAS DETAILS



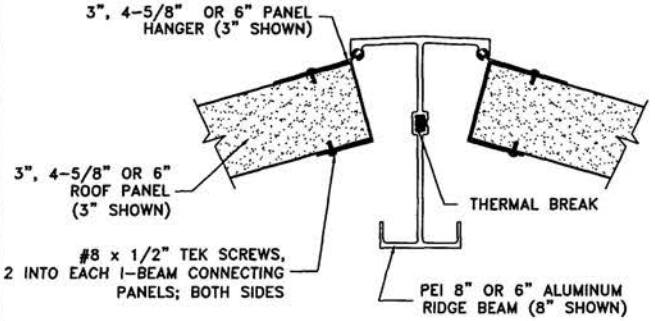
17A / 9 WOOD RIDGE POST ANCHORAGE AT FLOOR EXPANDER

(BOTH WOOD DECK & CONCRETE FOUNDATION SHOWN)

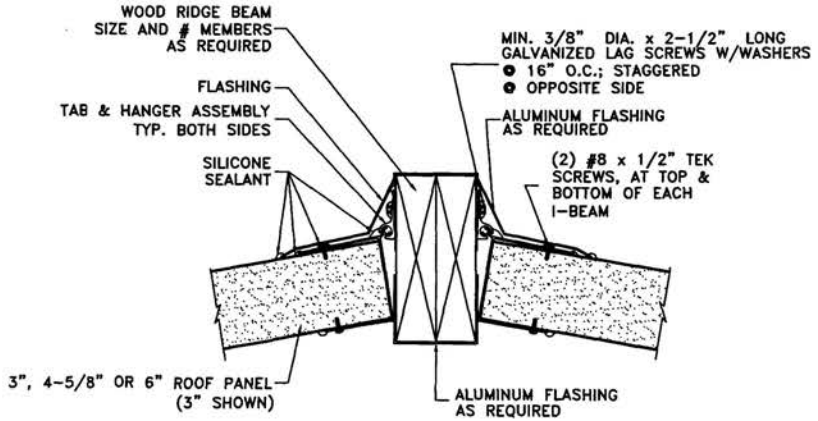


17B / 9 E.R. RIDGE POST ANCHORAGE AT FLOOR EXPANDER

(CONCRETE FOUNDATION SHOWN)



18A / 9 ALUMINUM RIDGE BEAM AND PANEL HANGER



18B / 9 WOOD RIDGE BEAM WITH TAB AND HANGER

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DISTRICT OF COLUMBIA ★ KARLA A. RINAS 10646 REGISTERED PROFESSIONAL ENGINEER

DRAWN BY: VNG
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SCALE: 2 1/2"=1'-0"

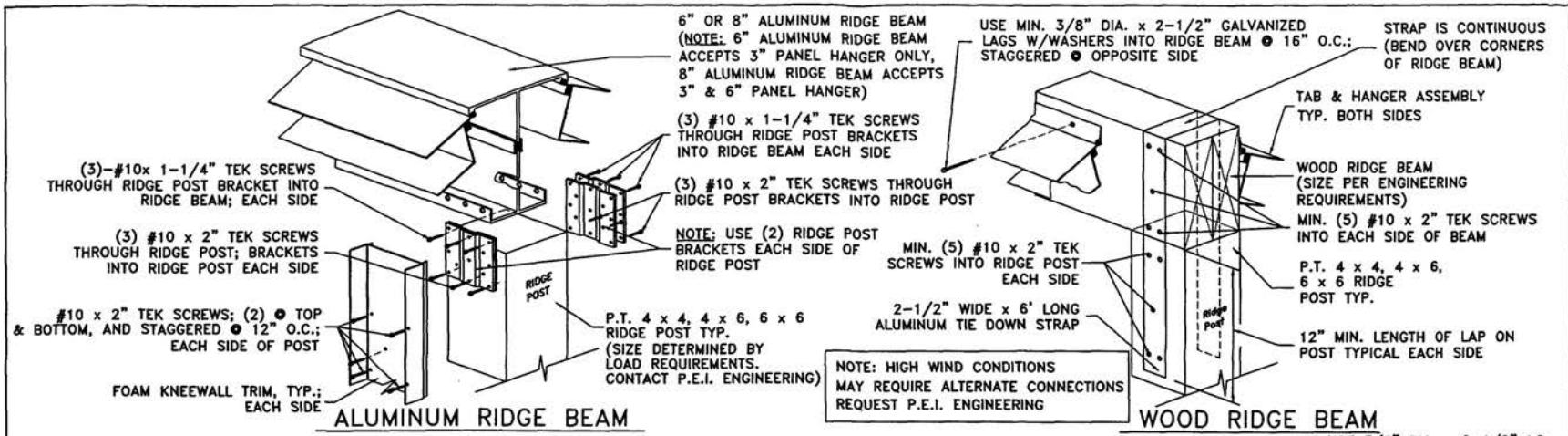
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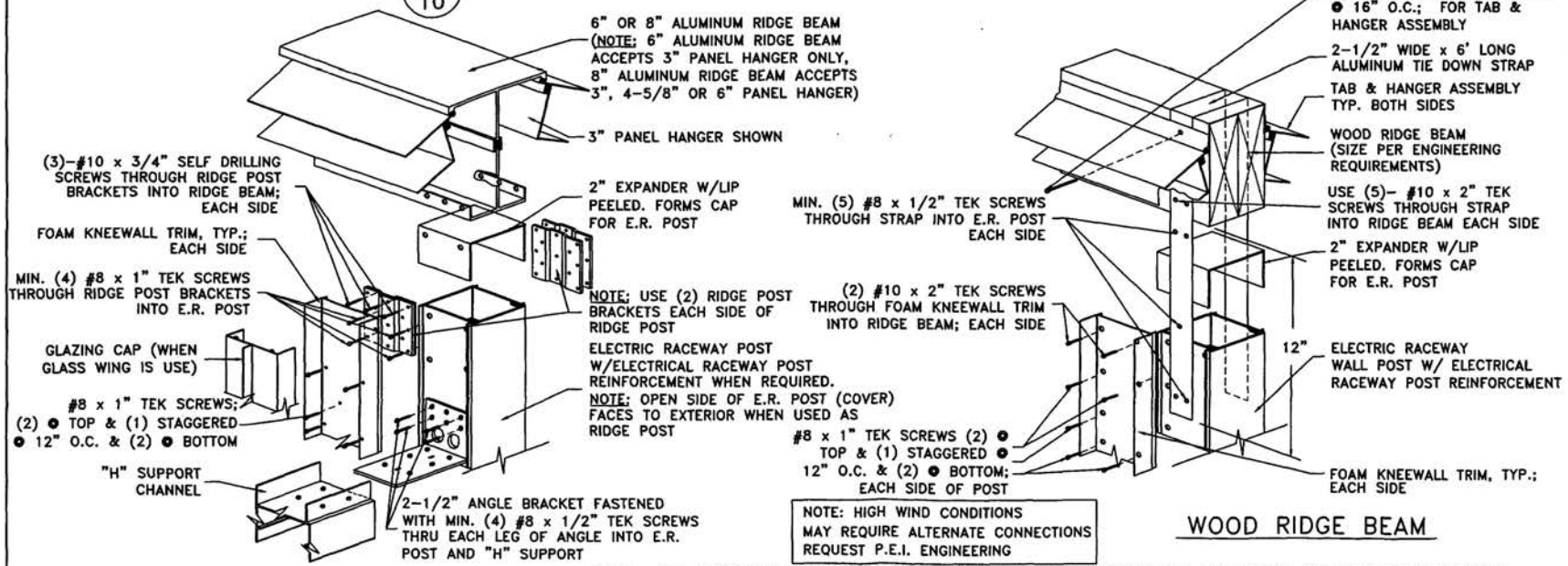
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STANDARD AAS DETAILS



19A / 10 **WOOD RIDGE POST TO RIDGE BEAM CONNECTION**



19B / 10 **ALUMINUM RIDGE POST TO RIDGE BEAM CONNECTION**

SUNROOM ISOMETRIC

DISTRICT OF COLUMBIA ★ KARL A. RINAS ★ REGISTERED PROFESSIONAL ENGINEER 10646

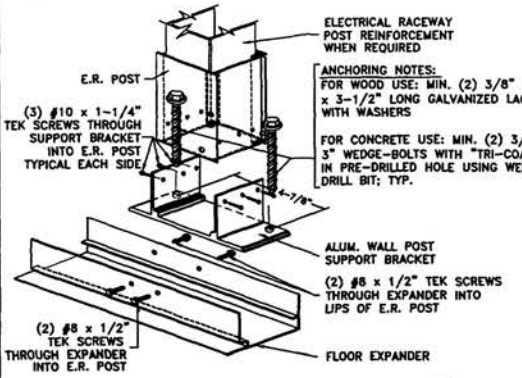
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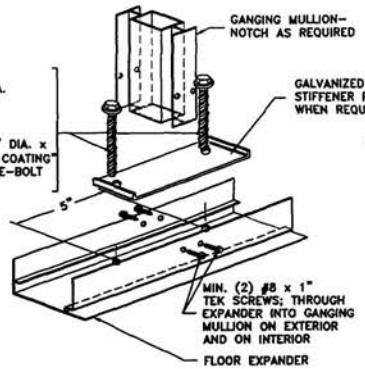
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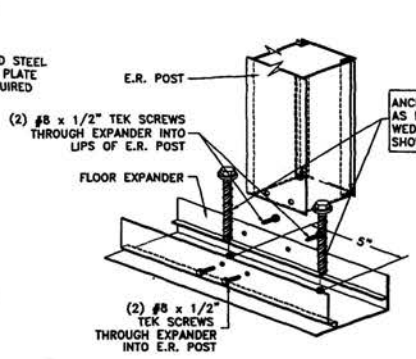
STANDARD AAS DETAILS



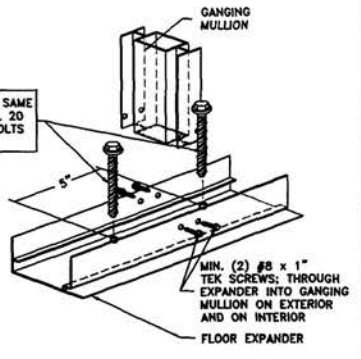
20/11 E.R. POST CONNECT. AT BEARING WALL



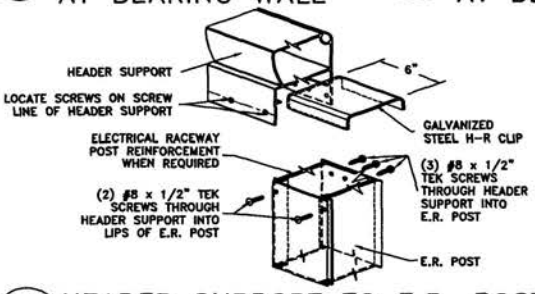
21/11 GANGING MULLION CONNECT. AT BEARING WALL



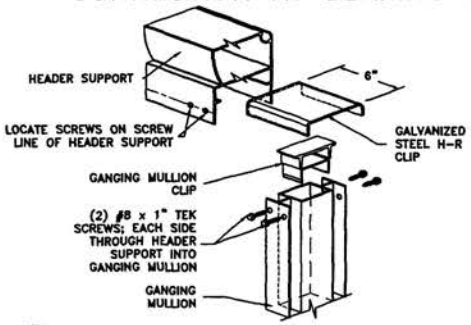
24/11 E.R POST CONNECT. NON BEARING WALL



25/11 GANGING MULL.CONNECT. NON BEARING WALL



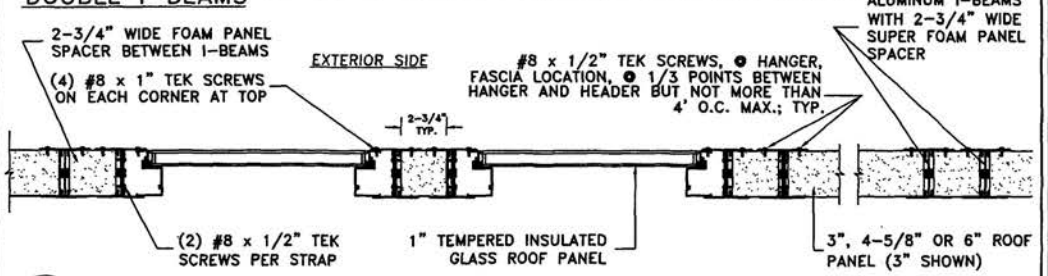
22/11 HEADER SUPPORT TO E.R. POST CONNECTION AT BEARING WALL



23/11 HEADER SUPPORT TO GANGING MULL. CONNECT. AT BEARING WALL

MISCELLANEOUS ROOF DETAILS N.T.S.

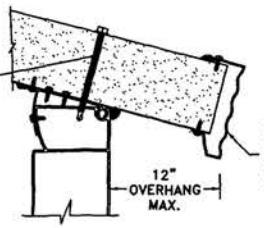
DOUBLE I-BEAMS



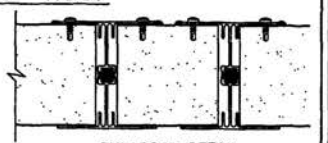
SEC10/7 SHOWN WITH DOUBLE I-BEAM 3", 4-5/8" OR 6" ROOF

HIGH WIND FASTENING

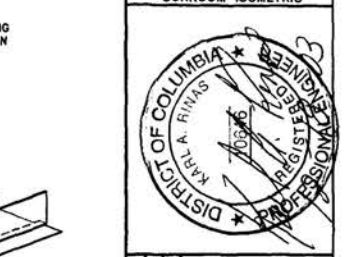
1/4" DIA, x 4" GLV. LAGS (3" FOAM ROOF)
3/8" DIA. x 6" GLV. LAGS (4-5/8" FOAM ROOF)
3/8" DIA. x 7" GLV. LAGS (6" FOAM ROOF)
(SPACING PER HIGH WIND REQUIREMENTS)
CONTACT P.E.I. ENGINEERING



SEC11/7 AT HEADER SUPPORT



SUNROOM ISOMETRIC



DRAWN BY: VNG
DATE: 09-17-03
SCALE: NTS

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720 E. HIGHLAND ROAD
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STANDARD AAS DETAILS

SHEET 11 OF 11