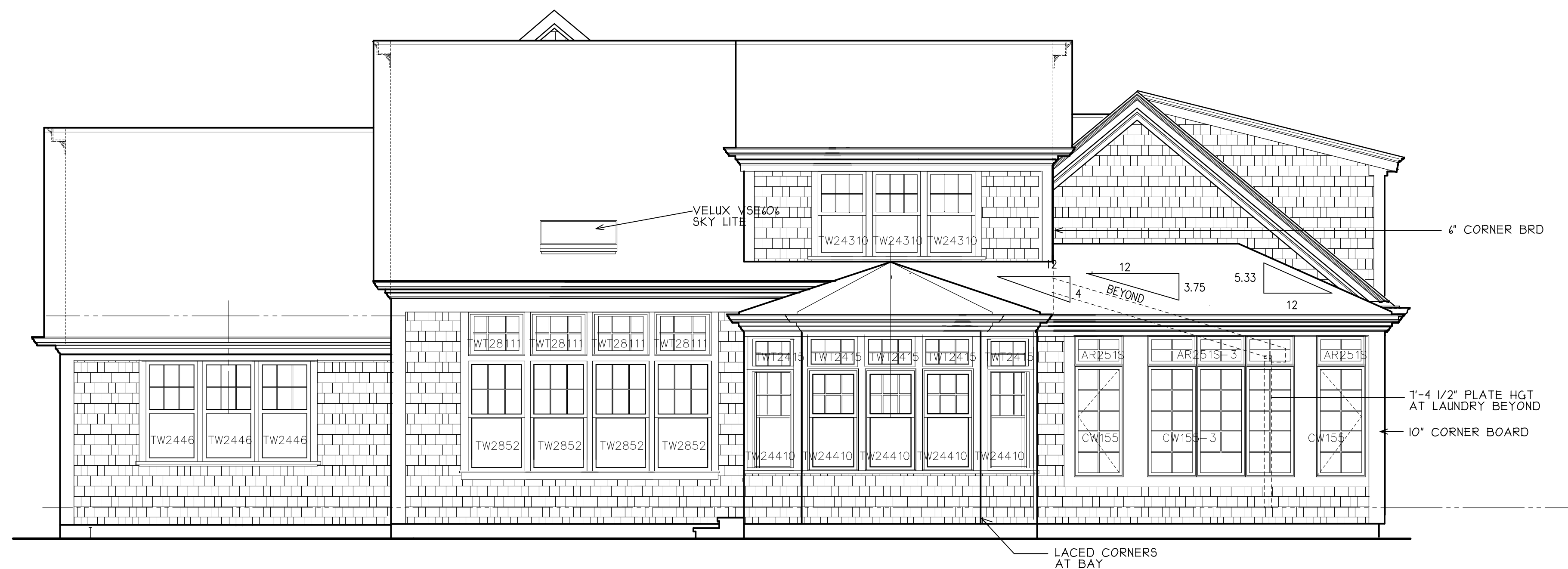




FRONT ELEVATION

NOTE:
CONFIRM ALL EXTERIOR TRIM SIZING
WITH SUPERVISOR
ALL TRIM TO BE AZEK TRIM BOARDS



REAR ELEVATION

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PLAN REVIEW:

WINDOW REVIEW:

HVAC:

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SCALE: 1/4"=1'-0"

ELEVATIONS

A-1

PLANS SUBJECT TO CHANGE

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LEFT ELEVATION



RIGHT ELEVATION

WINDOW AND PATIO DOOR SCHEDULE

Rough Opening dimensions shown are MINIMUM for proper installation and may need to be increased to allow for use of building wraps, flashing, sill or pan flashings, anchoring brackets or other materials. Adjusting rough opening dimensions to accommodate these materials is the responsibility of the installer.

Ref	Description	Width	Height	Width	Height
Unit Type A	100 TW2442 Tilt-Wash Basic	2'-5 5/8"	4'-4 1/8"	2'-6 1/8"	4'-4 1/8"
Unit Type B	100 AW251 Basic	2'-4 3/8"	2'-4 3/8"	2'-4 7/8"	2'-4 7/8"
Unit Type C	100 TW2446 Tilt-Wash Basic	2'-5 5/8"	4'-8 7/8"	2'-6 1/8"	4'-8 7/8"
Unit Type D	100 TW2852 Tilt-Wash Basic 100 TWT28111 TW Transom	2'-9 5/8"	7'-6 1/4"	2'-10 1/8"	7'-6 1/4"
Unit Type E	100 FWG60611 Basic	5'-11 1/4"	6'-10 3/8"	6'-0"	6'-11 1/8"
Unit Type F	100 TW24410 Tilt-Wash Basic 100 TWT2415 TW Transom	2'-5 5/8"	6'-8 1/4"	2'-6 1/8"	6'-8 1/4"
Unit Type G	100 AR31 Basic 100 FW431611 Basic	3'-0 1/8"	8'-3 9/16"	3'-0 7/8"	8'-4"
Unit Type H	100 AR251 Basic 100 CW155 Basic	4'-8 7/8"	6'-9 15/16"	4'-9 3/8"	6'-10 1/2"
Unit Type I	100 AR251 Basic 100 CW155 Basic	2'-4 3/8"	6'-9 15/16"	2'-4 7/8"	6'-10 1/2"
Unit Type J	100 AR251 Basic 100 CW155 Basic	7'-1 3/8"	6'-9 15/16"	7'-1 7/8"	6'-10 1/2"
Unit Type K	100 TW24210 Tilt-Wash Basic	2'-5 5/8"	3'-0 7/8"	2'-6 1/8"	3'-0 7/8"
Unit Type L	100 TW24310 Tilt-Wash Basic	2'-5 5/8"	4'-0 7/8"	2'-6 1/8"	4'-0 7/8"
Unit Type M	100 TW1832 Tilt-Wash Basic	1'-9 5/8"	3'-4 7/8"	1'-10 1/8"	3'-4 7/8"
Unit Type N	100 DHP3042 Picture	3'-1 5/8"	4'-4 7/8"	3'-2 1/8"	4'-4 7/8"

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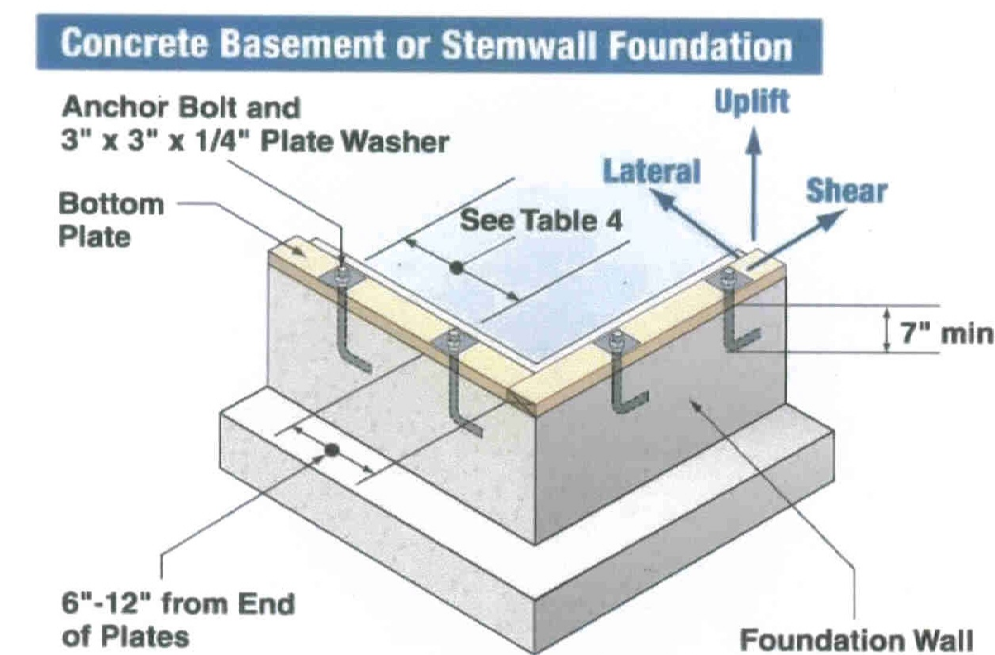
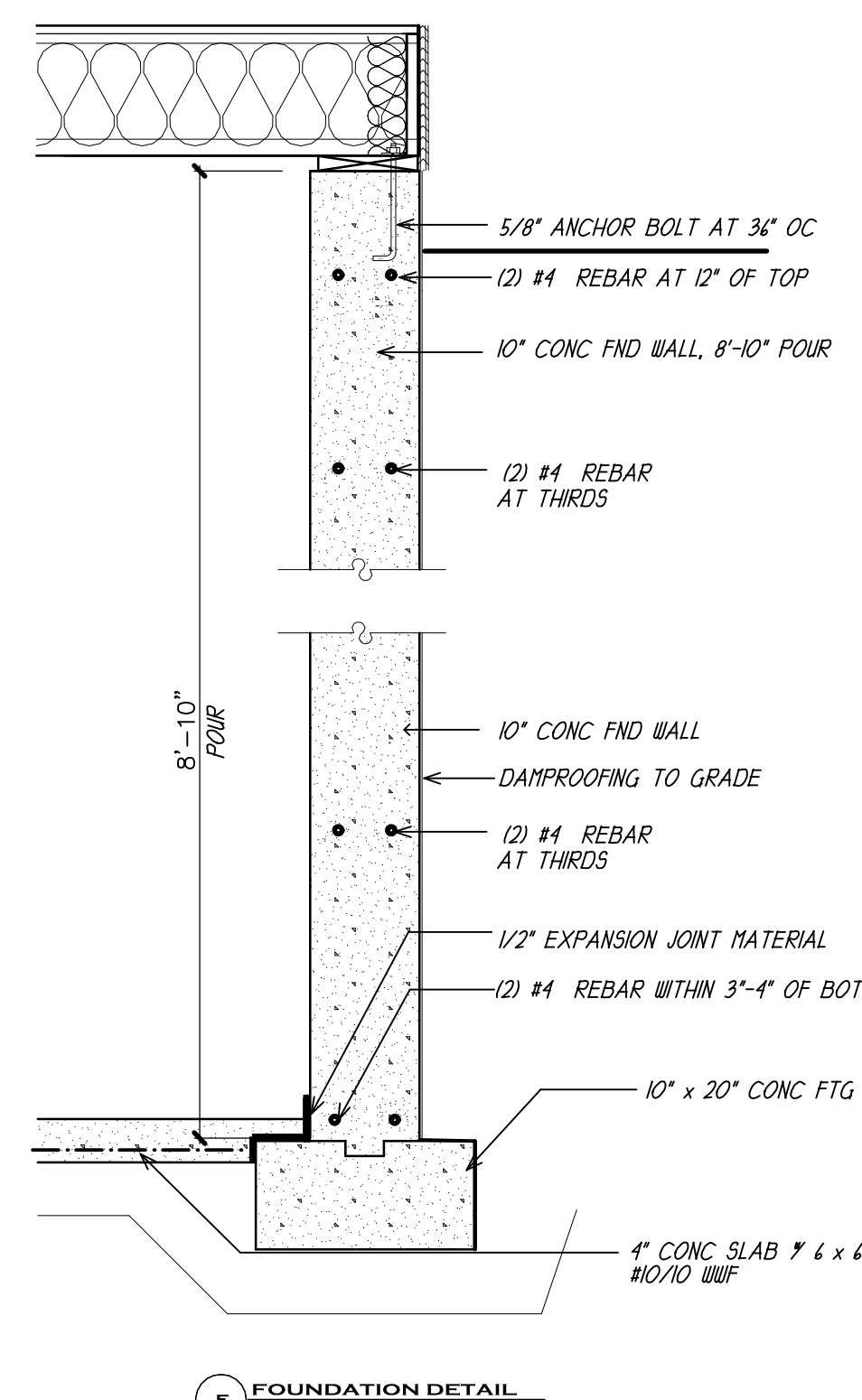
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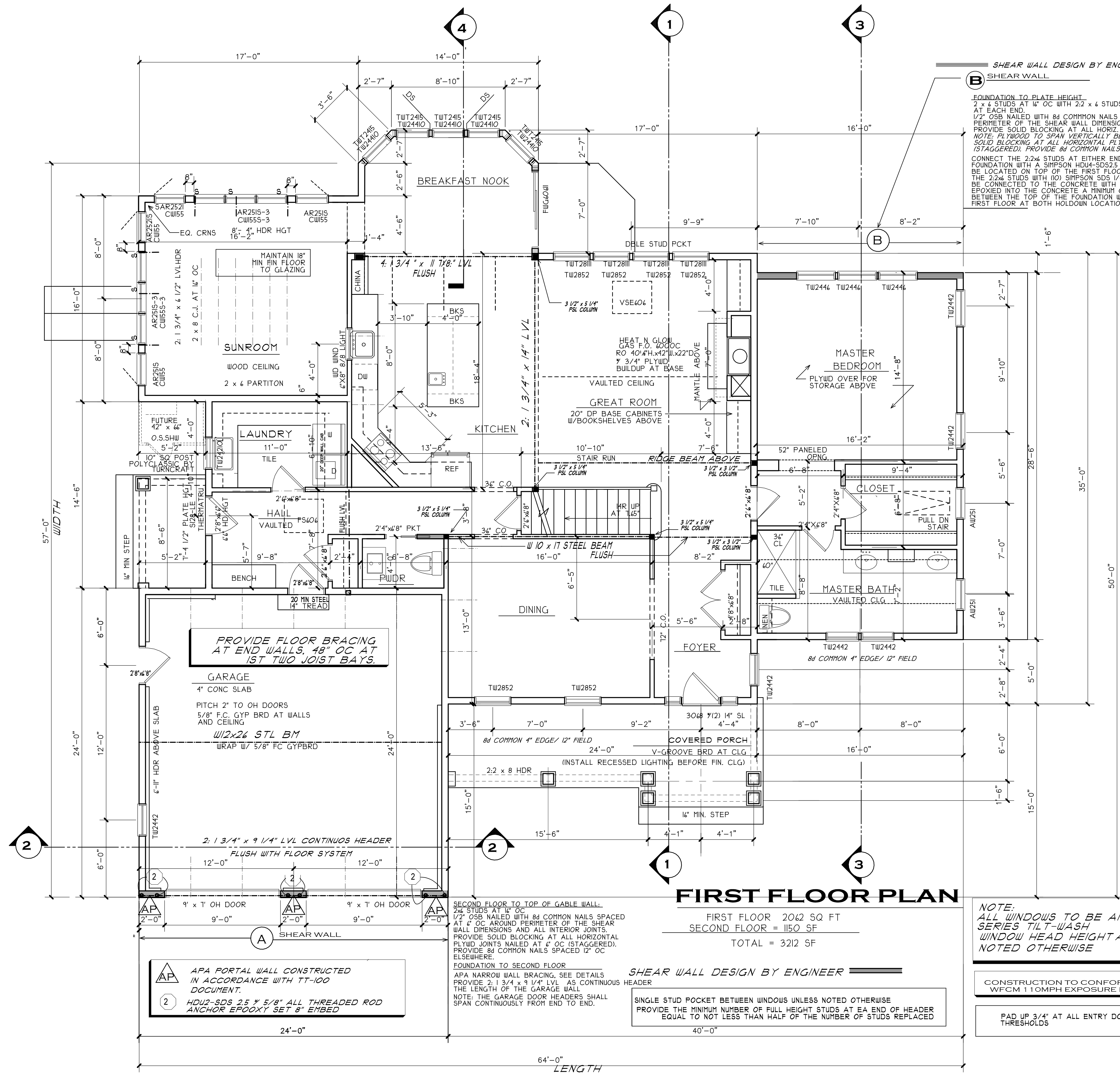
SCALE: 1/4"=1'-0"

ELEVATIONS

A-2

PLANS SUBJECT TO CHANGE

**PLANS SUBJECT TO CHANGE**



SHEAR WALL DESIGN BY ENGINEER
B SHEAR WALL

FOUNDATION TO PLATE HEIGHT:
2 x 4 STUDS AT 16" OC WITH 2.2 x 4 STUDS DOWN TO FIRST FLOOR SHOE AT EACH END.
1/2" OSB NAILED WITH 8d COMMON NAILS SPACED AT 2' OC AROUND PERIMETER OF THE SHEAR WALL DIMENSIONS AND ALL INTERIOR JOINTS. PROVIDE SOLID BLOCKING AT ALL HORIZ. PLYWD JOINTS NAILED 4" OC.
NOTE: PLYWOOD TO SPAN VERTICALLY BETWEEN FLOORS OR PROVIDE 4" SOLID BLOCKING AT ALL HORIZONTAL PLYWOOD JOINTS NAILED AT 2' OC (STAGGERED). PROVIDE 8d COMMON NAILS SPACED AT 12" OC ELSEWHERE.
CONNECT THE 2.2x4 STUDS AT EITHER END OF THE SHEAR WALL TO THE FOUNDATION WITH A SIMPSON HOU4-SDS25 HOLDOWN. THE HOLDOWN SHALL BE LOCATED ON TOP OF THE FIRST FLOOR SHOE AND SHALL BE CONNECTED TO THE 2.2x4 STUDS WITH (10) SIMPSON SDS 1/4" x 2 1/2" SCREWS AND SHALL BE CONNECTED TO THE CONCRETE WITH A 5/8" DIA ANCHOR BOLT EPOXYED INTO THE CONCRETE A MINIMUM OF 8" PROVIDE SOLID BLOCKING BETWEEN THE TOP OF THE FOUNDATION WALL TO THE UNDERSIDE OF THE FIRST FLOOR AT BOTH HOLDOWN LOCATIONS.

FIRST FLOOR PLAN

FIRST FLOOR 2062 SQ FT
SECOND FLOOR = 1150 SF
TOTAL = 3212 SF

NOTE:
ALL WINDOWS TO BE ANDERSEN 400 SERIES TILT-WASH WINDOW HEAD HEIGHT AT 6'-11" UNLESS NOTED OTHERWISE

CONSTRUCTION TO CONFORM TO THE WFCM 110MPH EXPOSURE B MANUAL

PAD UP 3/4" AT ALL ENTRY DOOR THRESHOLDS

SHEAR WALL DESIGN BY ENGINEER

SINGLE STUD POCKET BETWEEN WINDOWS UNLESS NOTED OTHERWISE
PROVIDE THE MINIMUM NUMBER OF FULL HEIGHT STUDS AT EA END OF HEADER EQUAL TO NOT LESS THAN HALF OF THE NUMBER OF STUDS REPLACED

APA PORTAL WALL CONSTRUCTED IN ACCORDANCE WITH TT-100 DOCUMENT.
2 HDU2-SDS 2.5" x 5/8" ALL THREADED ROD ANCHOR EPOXY SET 8" EMBED

SECOND FLOOR TO TOP OF GABLE WALL:
2x4 STUDS AT 16" OC
1/2" OSB NAILED WITH 8d COMMON NAILS SPACED AT 2' OC AROUND PERIMETER OF THE SHEAR WALL DIMENSIONS AND ALL INTERIOR JOINTS. PROVIDE SOLID BLOCKING AT ALL HORIZONTAL PLYWD JOINTS NAILED AT 4" OC (STAGGERED). PROVIDE 8d COMMON NAILS SPACED 12" OC ELSEWHERE.
FOUNDATION TO SECOND FLOOR:
APA NARROW WALL BRACING, SEE DETAILS
PROVIDE 2: 1 3/4" x 9 1/4" LVL AS CONTINUOUS HEADER THE LENGTH OF THE GARAGE WALL
NOTE: THE GARAGE DOOR HEADERS SHALL SPAN CONTINUOUSLY FROM END TO END.

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REVISED 10/30/08

SCALE: 1/4"=1'-0"

FIRST FLOOR
PLAN

A-4

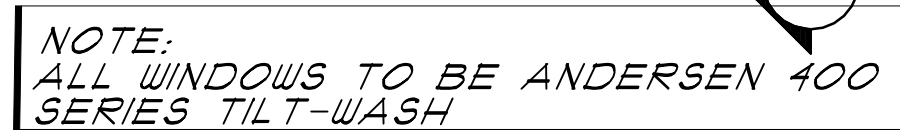
PLANS SUBJECT TO CHANGE

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¹ Corrosion resistant 11 gage roofing nails and 18 gage staples are permitted, check ISC for additional requirements.

Nails. Unless otherwise stated, sizes given for nails are common wire sizes. Box and pneumatic nails of equivalent diameter and equal or greater length to the specified common nails may be substituted unless otherwise prohibited.

1 GENERAL PROVISIONS



CONSTRUCTION TO CONFORM TO THE
WECM 1.1.3 MPB EXPOSURE 2 MANUAL

SECOND FLOOR PLAN

SECOND FLOOR = 1150 SF

NOTE:

ADJUST SPACING OF FLOOR JOISTS AT ALL PLUMBING CONNECTIONS

DBLE STUD PKT BETW MULTIPLE WINDOW UNITS
UNLESS NOTED OTHERWISE

PROVIDE THE MINIMUM NUMBER OF FULL HEIGHT STUDS AT EA END OF HEADER
EQUAL TO NOT LESS THAN HALF OF THE NUMBER OF STUDS REPLACED

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SCALE: 1/4"=1'-0"

SECOND
FLOOR PLAN

A-5

PLANS SUBJECT TO CHANGE

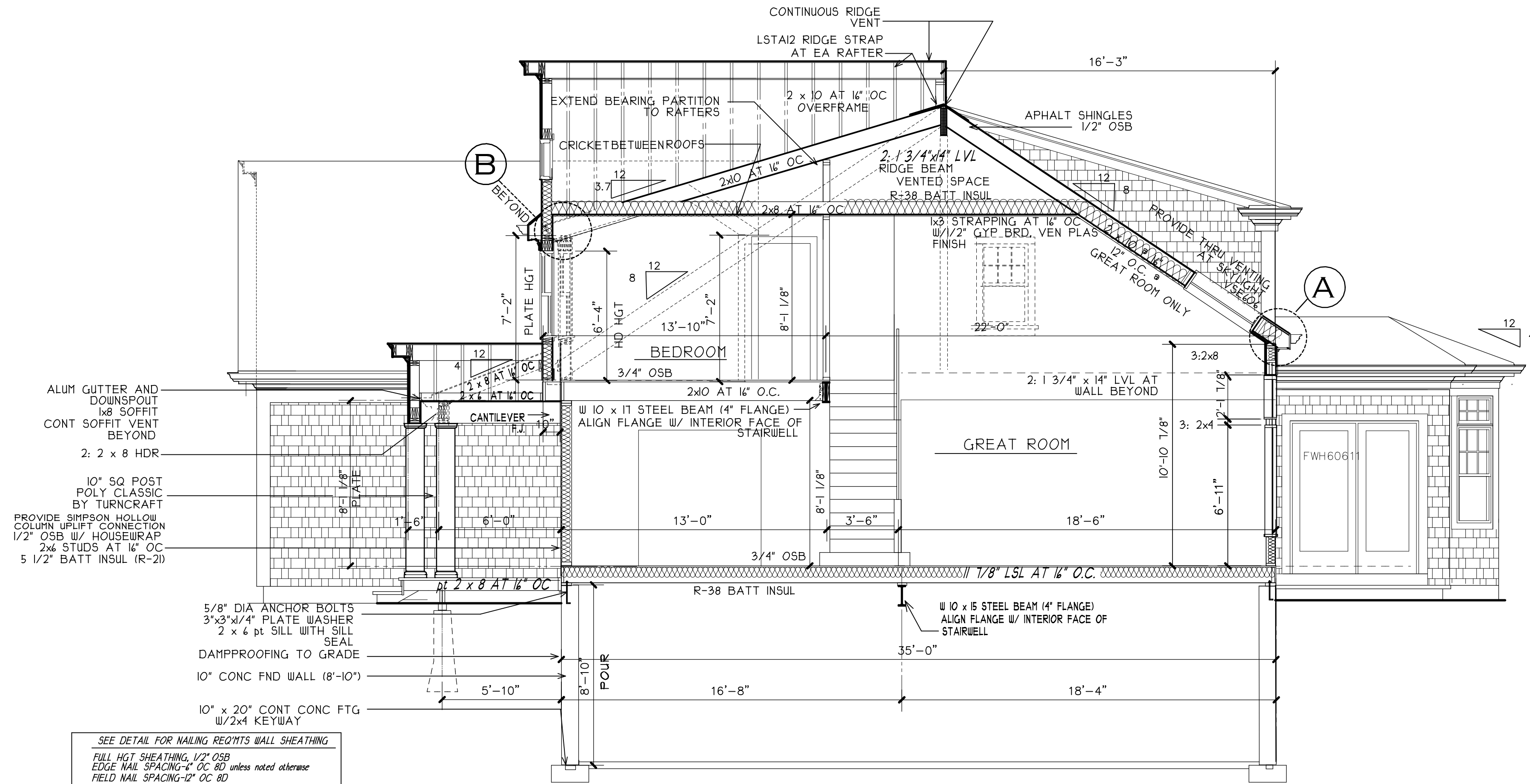
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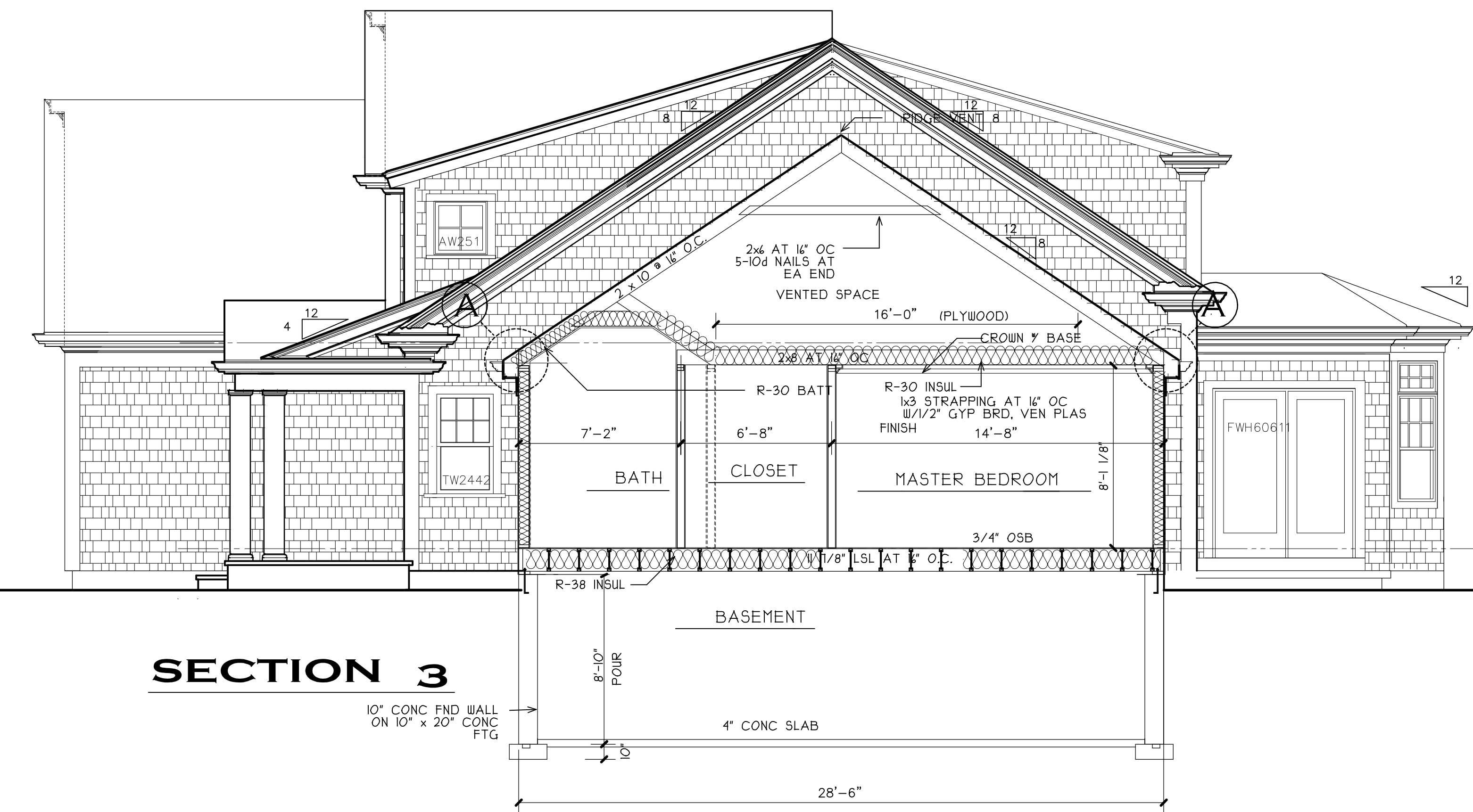
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SECTIONS

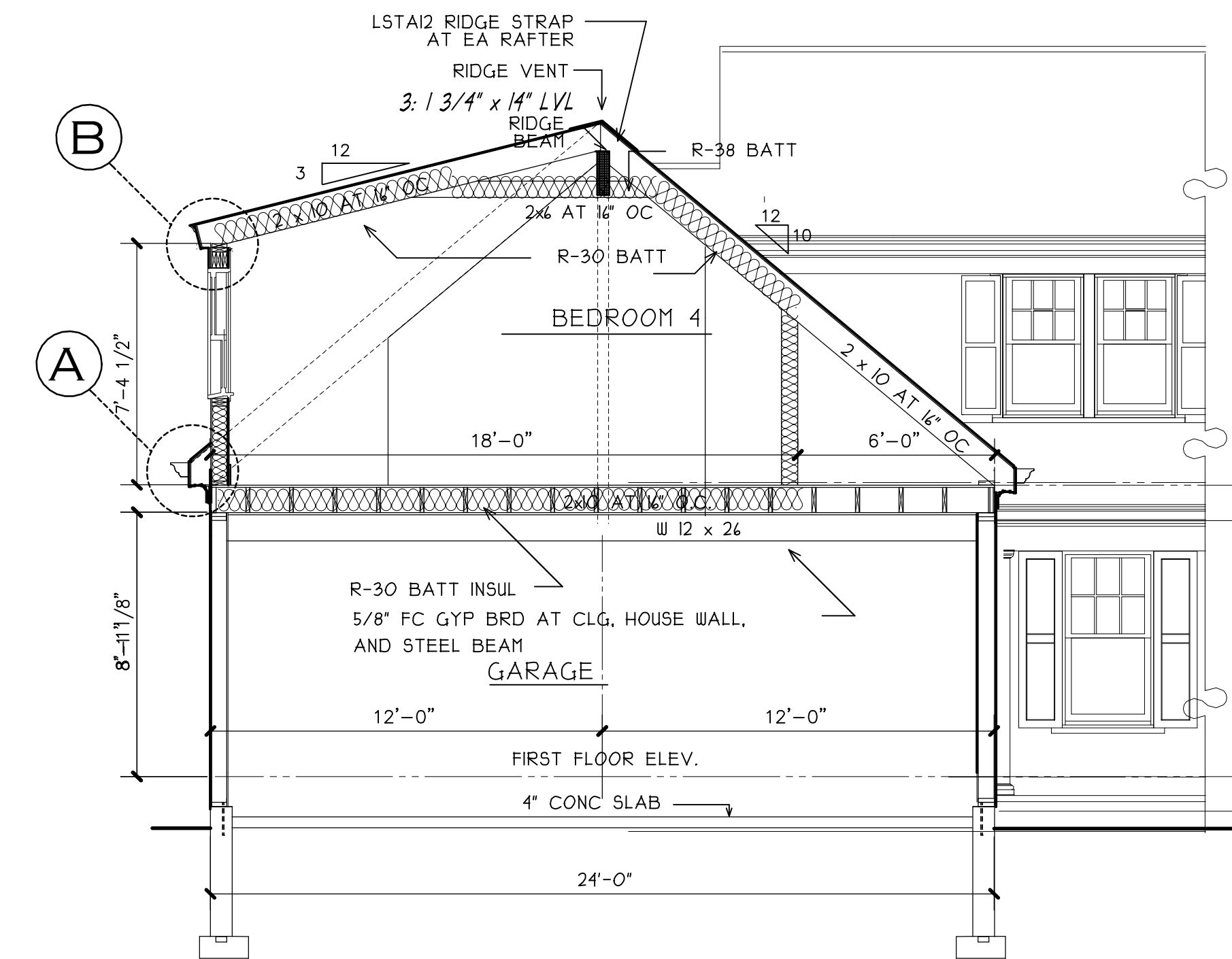
A-6



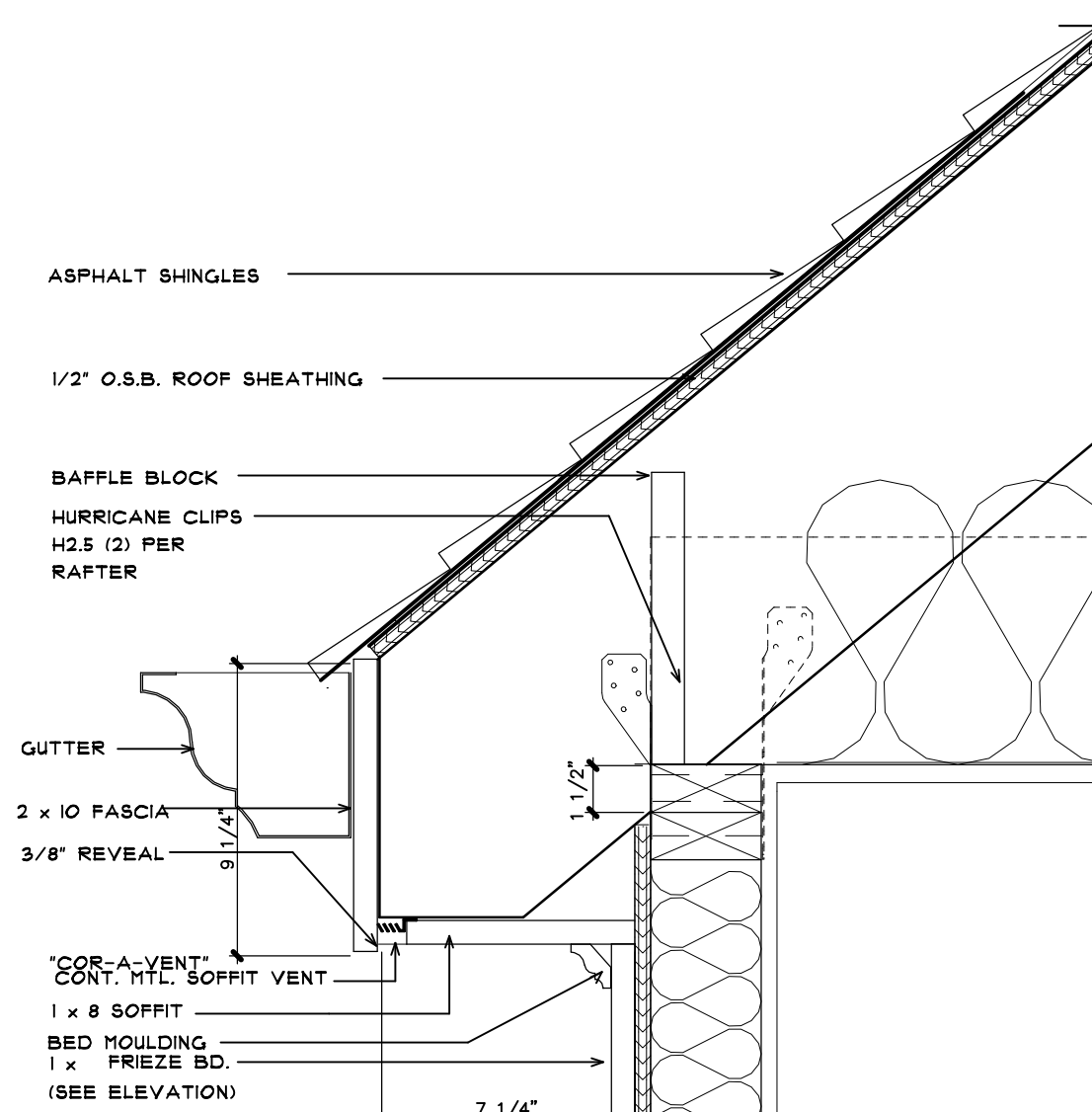
SECTION 1



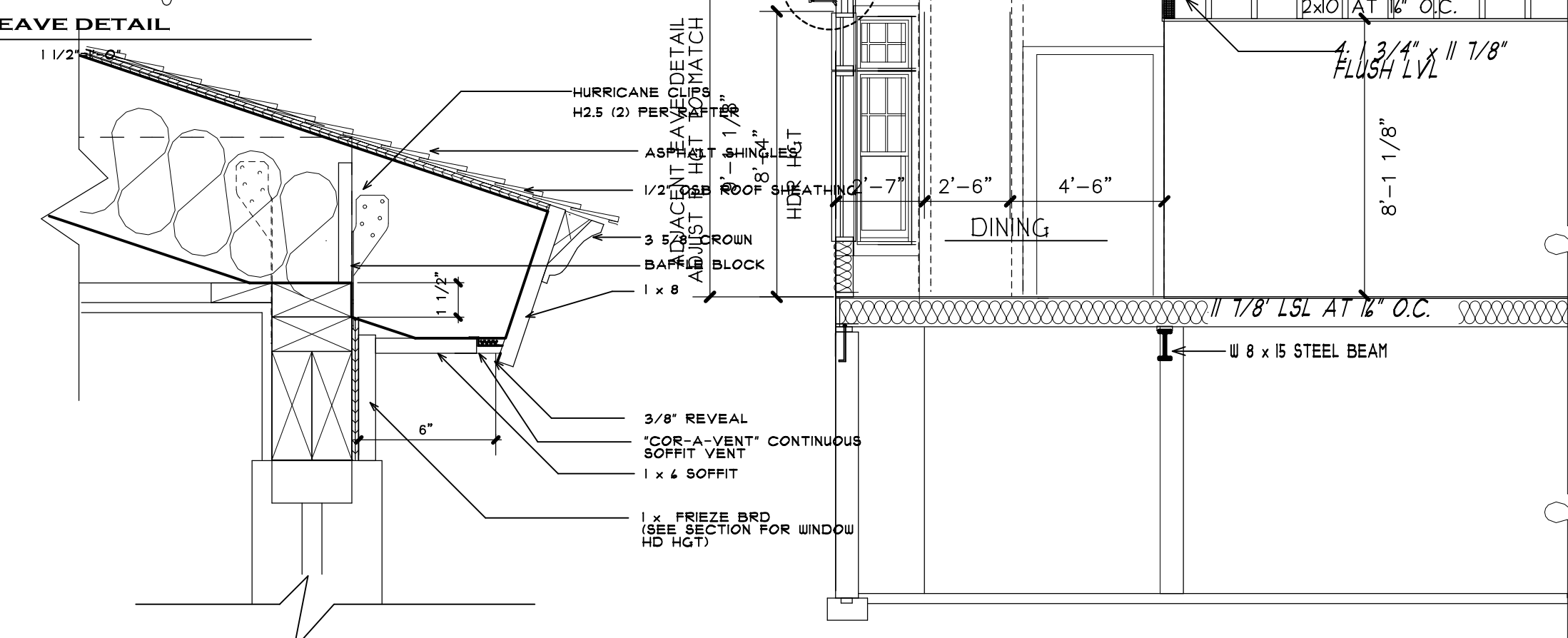
SECTION 3



SECTION 2

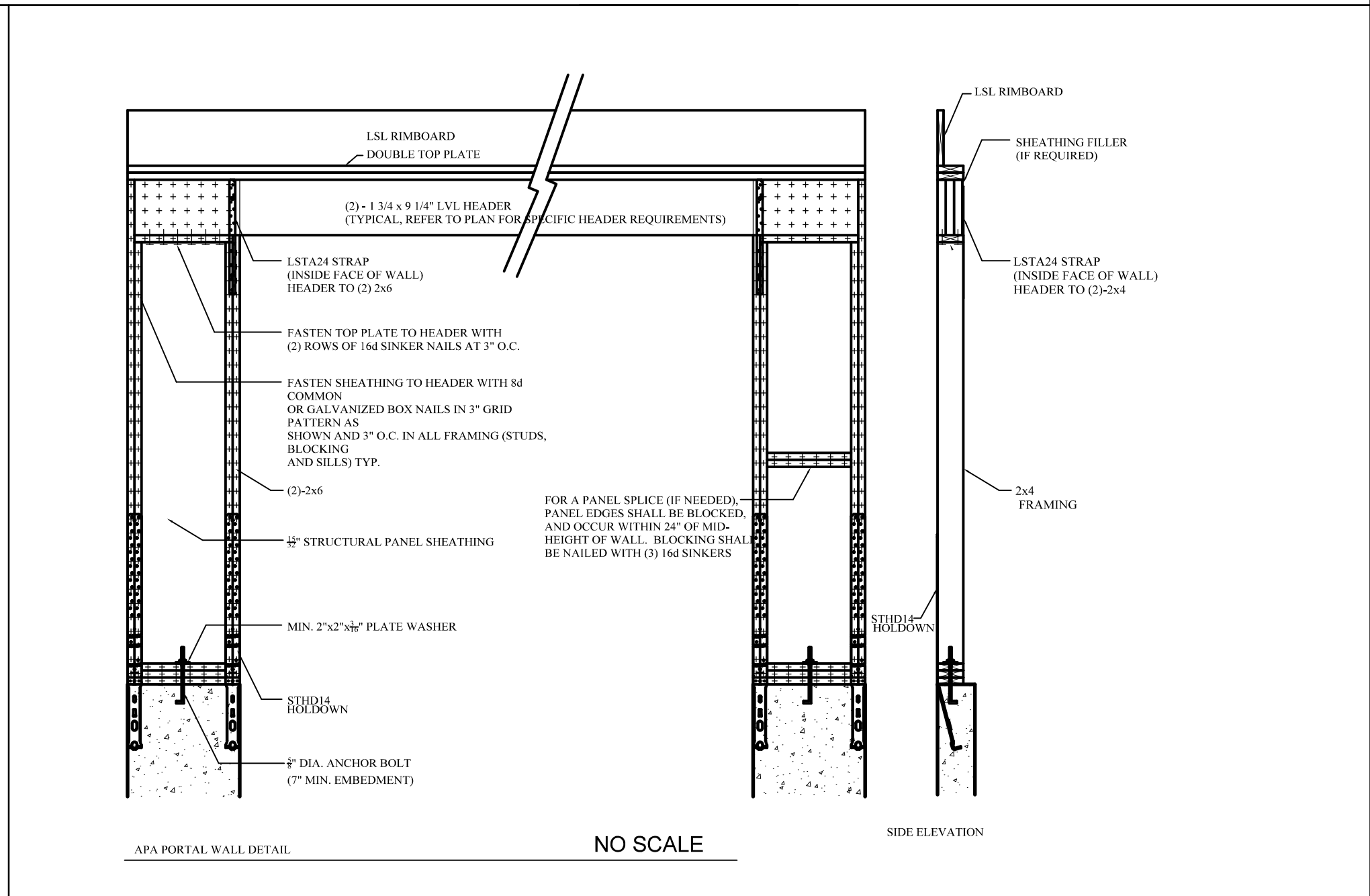
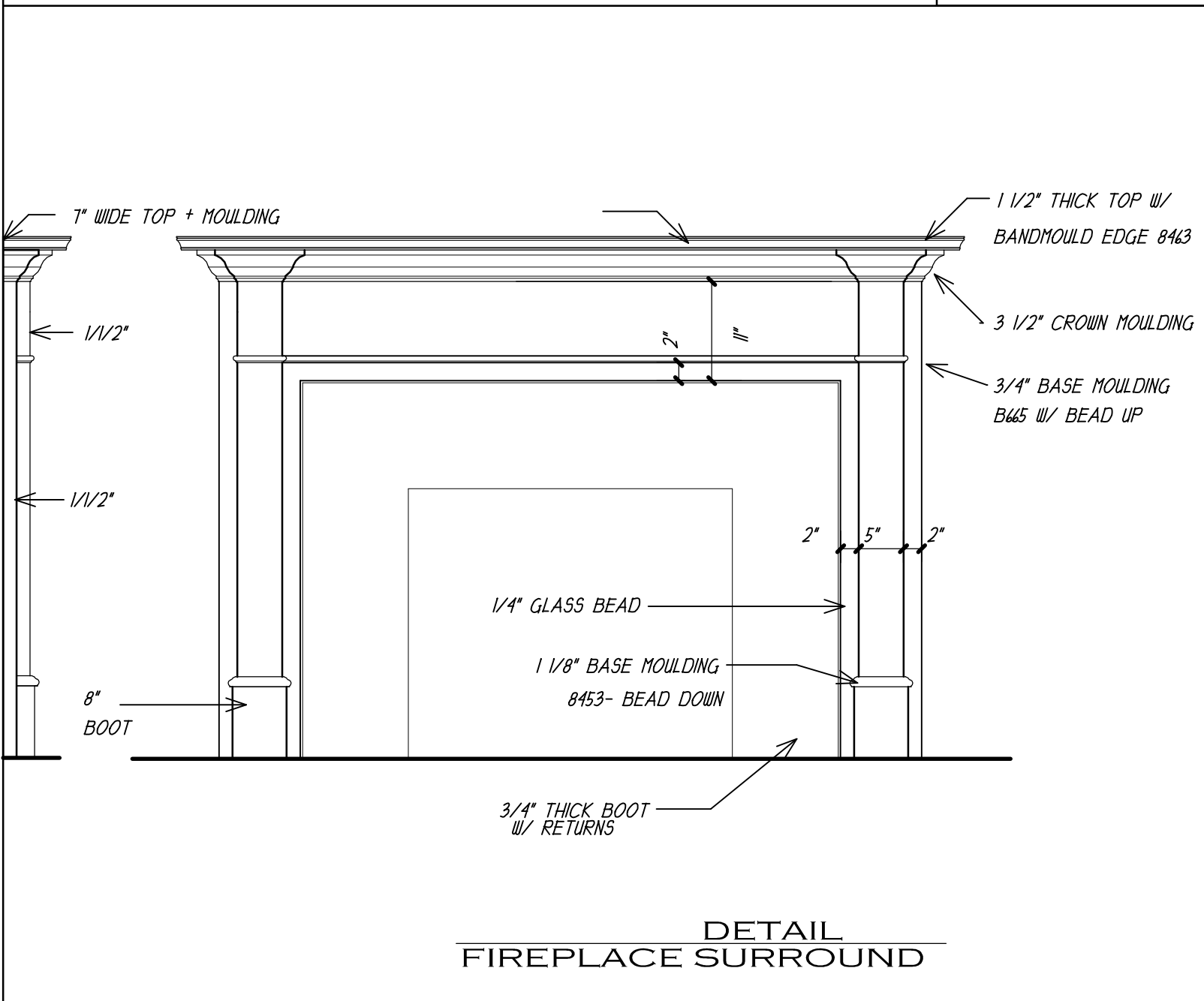
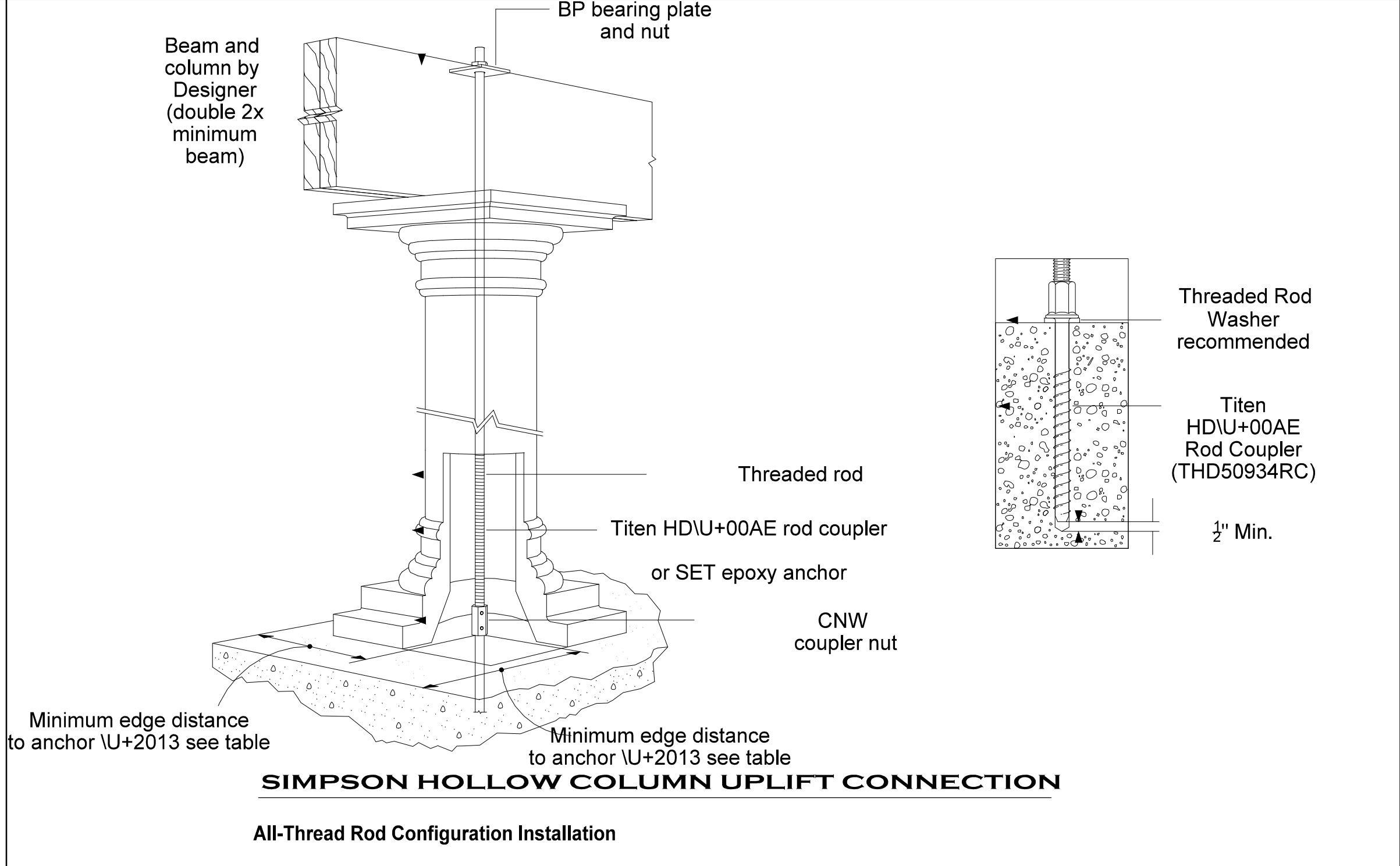
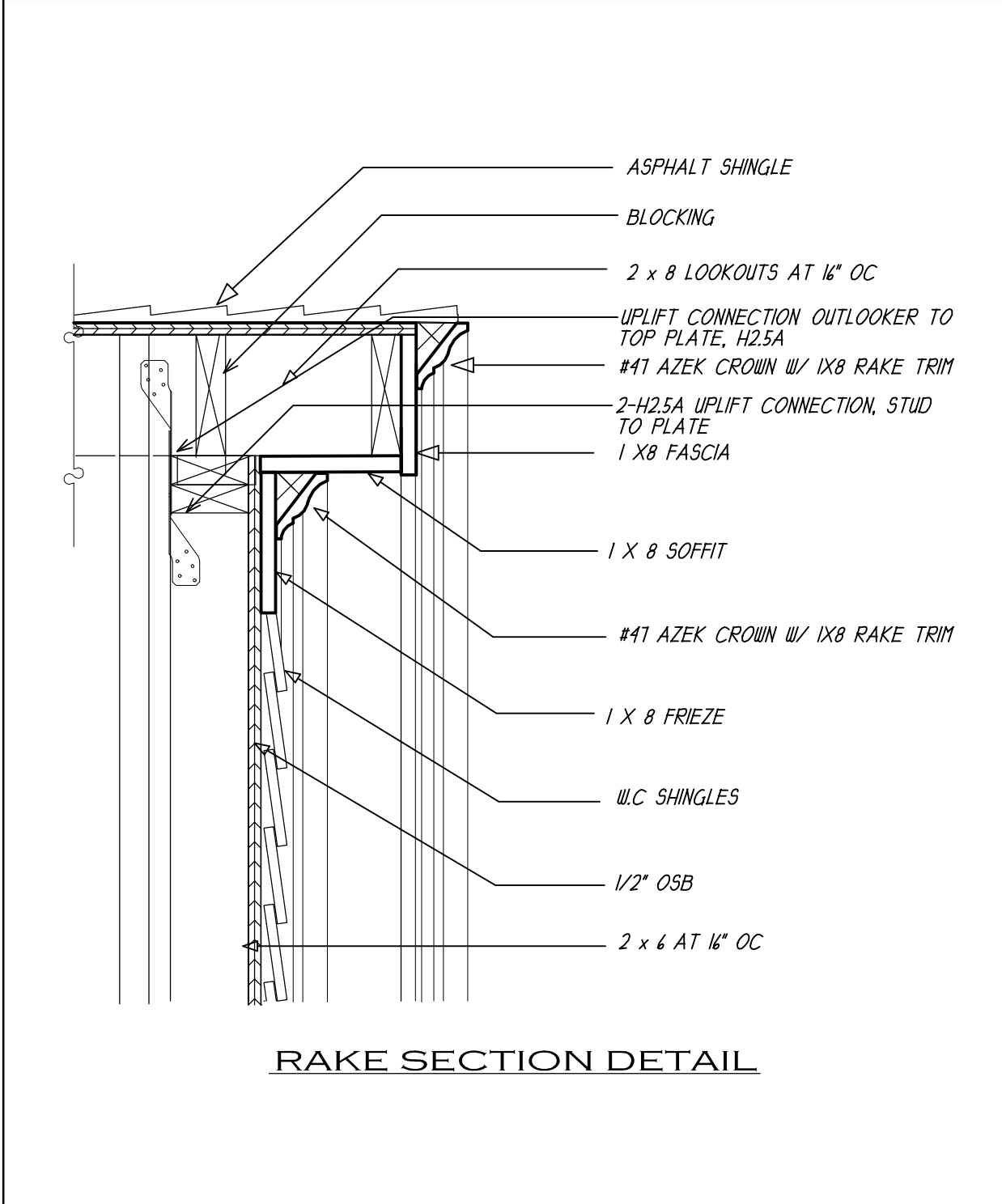
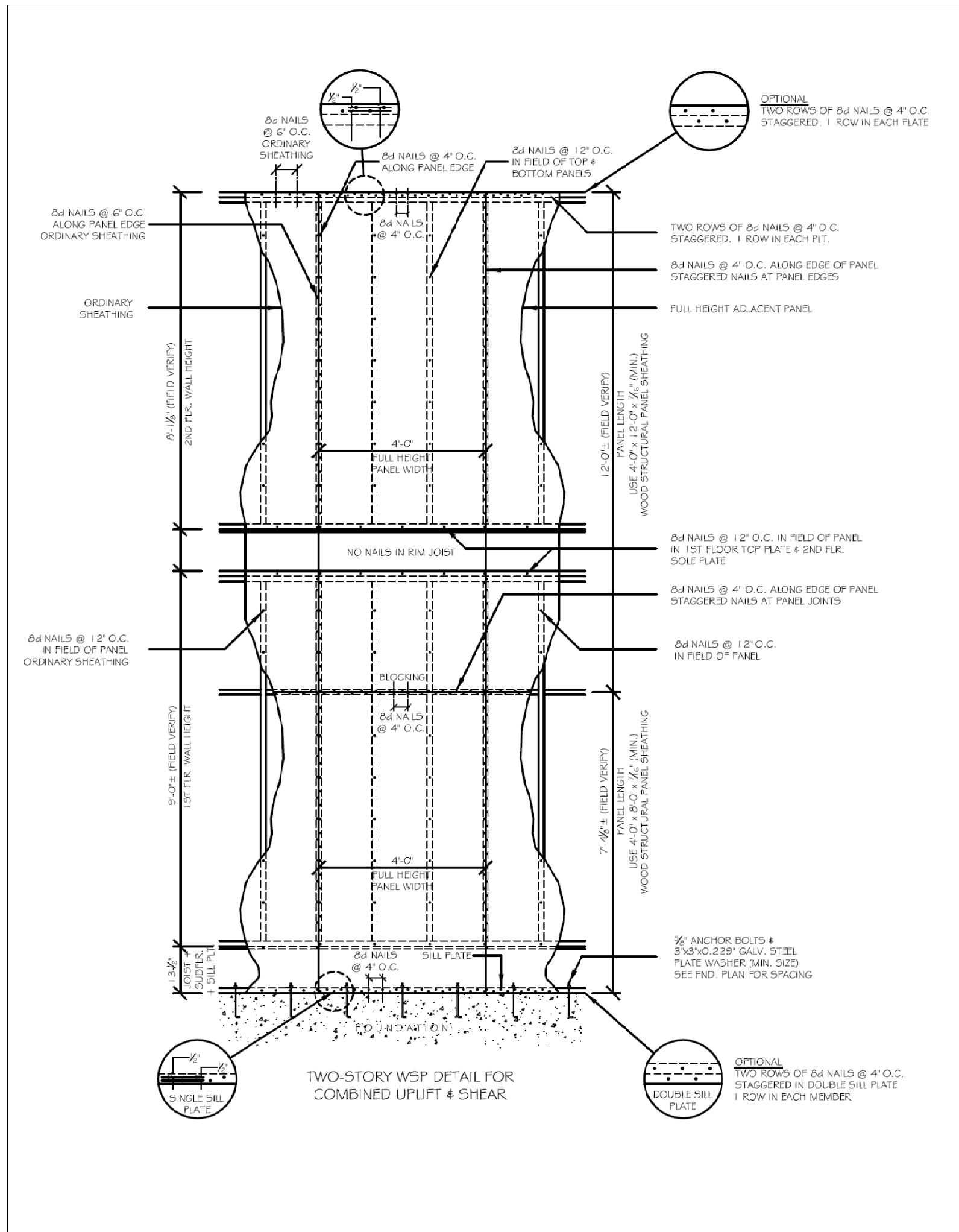
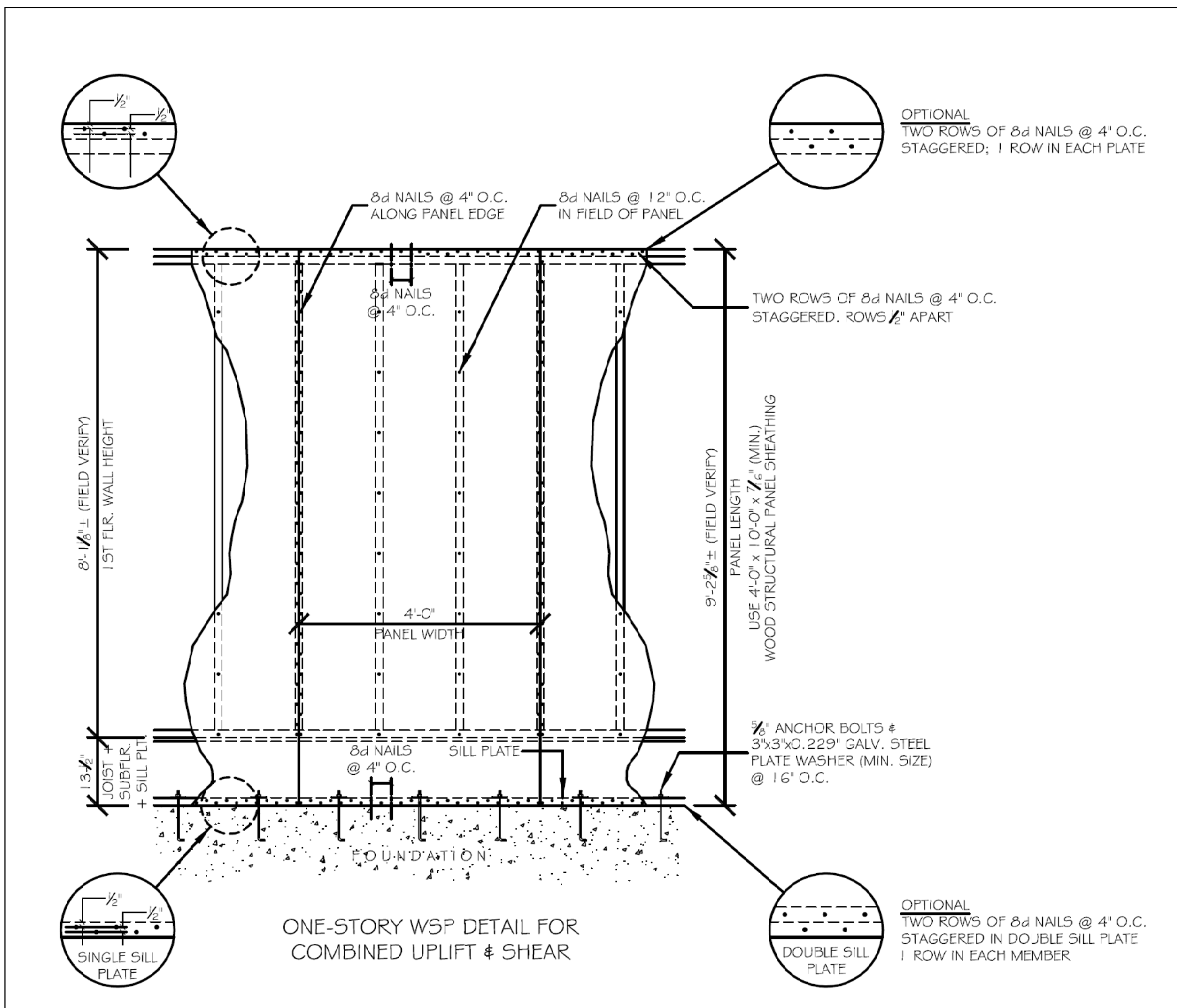


A TYP. ROOF EAVE DETAIL



B DORMER HEAD DETAIL
(SEE SECTION FOR DORMER HEAD HT.
AND RAFTER SIZE)

4 SECTION



■ **Top Plates.** Double top plates shall be provided at the top of all exterior stud walls. The double plates shall overlap at corners and at intersections with other exterior or interior loadbearing walls (See Figure 12). Double top plates shall be lap-spliced with end joints offset in accordance with the minimum requirements given in Table 6 (See Figure 13).

Figure 12. Top Plate Intersection Detail

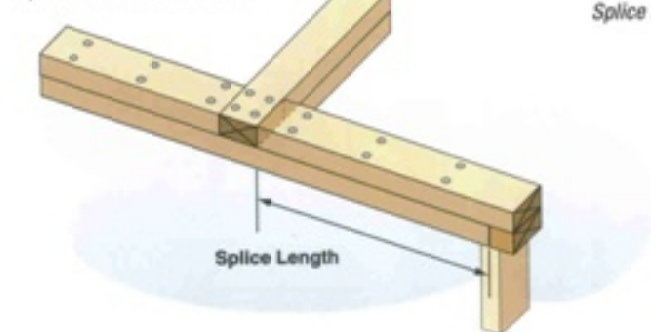


Figure 13. Top Plate Splice Length



Table 6. Top Plate Splice

Splice Length (ft.)	Building Dimension of Wall Containing Top Plate Splice (ft.)															
	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
2	4	6	8	10	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4	4	6	8	10	12	14	16	NP	NP	NP	NP	NP	NP	NP	NP	NP
6	4	6	8	10	12	14	16	20	24	NP	NP	NP	NP	NP	NP	NP
8	4	6	8	10	12	14	16	20	24	28	32	NP	NP	NP	NP	NP

N/A: Not Permitted

TOP SPICE TABLE

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SCALE: 1/4"=1'-0"

NOTES

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