

SECTION 1

ANY DISCREPANCIES IN THE DRAWINGS, NOTES AND SPECIFICATIONS SHALL BE REPORTED TO O.W.I. HOMES OWNERS REPRESENTATIVE FOR CLARIFICATION. THE CONTRACTOR SHALL VERIFY AND COORDINATE DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION.

THE CONTRACTOR IS RESPONSIBLE FOR ALL BRACING AND SHORING DURING CONSTRUCTION.

CONTRACTOR CAN SUBSTITUTE MATERIALS OR PRODUCTS SPECIFIED ON THE DRAWINGS. PROVIDED THEY MEET OR EXCEED ORIGINAL.

THE FOLLOWING NOTES APPLY UNLESS SHOWN OTHERWISE

THESE DRAWINGS HAVE BEEN PREPARED SOLELY FOR THE USE IN CONSTRUCTION OF A PROPOSED BUILDING TO WHICH THESE NOTES ARE ATTACHED. THE DRAWINGS SHALL NOT BE USED IN WHOLE OR IN PART, FOR FABRICATION OR CONSTRUCTION AT ANY OTHER LOCATION WITHOUT THE WRITTEN CONSENT OF OWI HOMES INC.

SECTION 2

ROOF LOADING:

Table with 2 columns: LOAD TYPE and VALUE. Rows: ROOF: LIVE LOAD (SNOW) 55 P8F, DEAD LOAD (TRUSS) 11 P8F, TOTAL LOAD 42 P8F.

Table with 2 columns: LOAD TYPE and VALUE. Rows: FLOOR LOADING: LIVE LOAD 40 P8F, DEAD LOAD 10 P8F, TOTAL LOAD 50 P8F.

WIND LOADING: 110 MPH (3 SECOND GUST) EXPOSURE B PER IBC FIGURE 1609

SEISMIC LOADING: SEISMIC CATEGORY 1, SITE CLASS C PER IBC 15

DESIGN SOIL PARAMETERS (NO REPORT)

1500 P8F BEARING PRESSURE ASSUMED PER IBC TABLE 1804.2 CLASS 5 MATERIAL(S).

SECTION 3 - CONCRETE

GENERAL - REQUIREMENTS

STRUCTURAL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI. MINIMUM CEMENT CONTENT SHALL BE 5 BAGS/CU.YD. MAXIMUM SIZE AGGREGATE SHALL BE 3/4" SLUMP NOT TO EXCEED 4" PROVIDE 4-6 % AIR ENTRAINMENT WHEN SUBJECTED TO FROST.

DESIGN BASED ON 2500 PSI @ 28 DAYS NO SPECIAL INSPECTION REQUIRED PER IBC 1704.4

CAST IN PLACE CONCRETE

CONCRETE FORM WORK TO BE OF ADEQUATE SIZE AND STRENGTH. PROPERLY BRACED TO PREVENT SAGGING OR BULGING. PROTECT ALL CONCRETE FROM FREEZING TEMPERATURES. REFER TO DRAWING FOR DIMENSIONS OF CONCRETE MEMBERS AND SIZE AND LOCATION OF ALL ENFORCEMENT.

FOOTINGS

NO FOOTING SHALL BE PLACED ON DISTURBED SOIL (IF DISTURBED, COMPACT SOIL IN 6" LIFTS TO 90% OF MAXIMUM DRY DENSITY PER ASTM D1557). FOOTINGS SHALL BE STEPPED DOWN ONE (1) VERTICALLY TO ONE AND ONE HALF (1-1/2) HORIZONTALLY.

FOUNDATION WALLS

REINFORCE PER DRAWINGS. DO NOT BACKFILL WALLS UNTIL MAIN FLOOR IS FRAMED AND SHEATHED AND CONCRETE HAS CURED A MINIMUM OF 7 DAYS. USE HAND OPERATED COMPACTION EQUIPMENT ADJACENT TO NEWLY PLACED CONCRETE BASEMENT WALLS.

CONCRETE PADS AND THICKENED SLABS

REFER TO DRAWINGS AS TO SIZE AND REINFORCEMENT.

CONCRETE SLABS

SLABS ON GRADE, AS NOTED ON THE DRAWINGS, TO BEAR ON 4" COMPACTED GRANULAR BASE. (U.N.O. ON PLANS).

REINFORCEMENT

REINFORCEMENT SHALL BE ASTM A615, GRADE 60 FOR ALL BARS. ALL REBAR LAPPED 30 TIMES DIAMETER OR 24" WHICHEVER IS GREATER. REBAR AT FOOTING TO HAVE 3" CLEAR COVER WHEN CAST AGAINST EARTH, 2" WHERE EXPOSED TO AIR OR BACKFILL (U.N.O. ON DRAWING). PROVIDE CORNER BARS WITH 18" LEGS AT THE CORNERS OF ALL WALL AND FOOTINGS, SIZE AND PLACEMENT TO MATCH HORIZONTAL REINFORCEMENT.

ANCHOR BOLTS

ANCHOR BOLTS TO BE ASTM A307, 1/2 X 10" EMBEDDED IN FOUNDATION WALLS @ 6'-0" O.C. (MAX) U.N.O. (SEE FOUNDATION PLAN FOR REQUIREMENTS AT SHEAR WALL). BOLTS TO BE WITHIN 12" (MAX.) & 4" (MIN) TO ENDS OF SILL PLATES (COORDINATE WITH GENERAL CONTRACTOR) MINIMUM OF TWO ANCHOR BOLTS PER SILL PLATE

- 1. ALL POSTS SUPPORTED BY ISOLATED FOOTINGS TO HAVE POST ANCHORS UNLESS BRACED IN STUD WALLS.
2. REFER TO DRAWINGS FOR HOLDOWN REQUIREMENTS. INSTALL REQUIRED EMBEDDED ITEMS PER MANUFACTURER'S CATALOG TO ENGAGE HOLDOWNS
3. 3/16" X 2" X 2" SQUARE STEEL PLATE WASHERS SHALL BE PLACED BETWEEN SILL PLATE AND NUT PER IBC 2308.12B.

CONSTRUCTION AND CRACK CONTROL JOINTS

ALL SURFACES OF CONSTRUCTION JOINTS SHALL BE CLEANED TO REMOVE DUST, CHIPS AND OTHER FOREIGN MATERIAL PRIOR TO PLACING ADJACENT CONCRETE. CRACK CONTROL JOINTS IN SLABS SHALL HAVE A MAXIMUM SPACING OF 15'-0" IN BOTH DIRECTIONS AND AT RE-ENTRANT CORNERS.

EMBEDDED ITEMS FOR HD TYPE HOLDOWNS TO BE ASTM A307 HEX HEADED BOLT IN THE DIAMETER AS SPECIFIED BY THE MANUFACTURER FOR THE HD. ALL BOLTS TO HAVE 3" MIN. CONCRETE SIDE COVER. EMBEDDMENT DEPTHS ARE 15" FOR BOLTS UP TO AND INCLUDING 3/4" DIA, 24" DEPTH FOR BOLTS OVER 3/4". TYPICAL REINFORCEMENT TO PASS UNINTERRUPTED ALONGSIDE HOLDOWN AS APPLICABLE COUPLER NUTS MAY BE USED TO EXTEND THE HOLDOWN ANCHOR THROUGH THE FLOOR PLATE TO THE SHEAR WALL CHORD.

EPOXY ANCHORS

EPOXY GROUTED ANCHORS SHALL CONFORM TO SIMPSON CO. ET EPOXY-TILE ADHESIVE FOR TEMPERATURES ABOVE 40 DEG. F, ET22C. EPOXY-TILE ADHESIVE FOR TEMPERATURES OF 25 DEG. F, TO 40 DEG. F, OR ENGINEER APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S INSTRUCTIONS, WIRE BRUSH AND BLOW OUT HOLES.

SECTION 4 - FRAMING LUMBER

1. SAWN STRUCTURAL LUMBER

A. SAWN LUMBER SHALL BE DOUGLAS FIR-LARCH (DF-L) NO. 2 OR BETTER FOR ALL 2 INCH AND 4 INCH NOMINAL LUMBER AND (DF-L) NO. 2 OR BETTER FOR 6 INCH NOMINAL AND LARGER STRUCTURAL MEMBERS (U.N.O.). STUD GRADE MAY BE USED FOR STUDS.

B. WOOD BEARING ON OR INSTALLED WITHIN 1" OF MASONRY OR CONCRETE SHALL BE PRESSURE TREATED WITH AN APPROVED PRESERVATIVE. PROVIDE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD.

C. METAL HANGERS AND CONNECTORS SHALL BE FULLY NAILED OR BOLTED UNLESS OTHERWISE NOTED ON THE DRAWINGS. METAL HANGERS OR CONNECTORS SHOWN ON THE DRAWINGS SHALL BE MANUFACTURED BY SIMPSON COMPANY. METAL HANGERS OR CONNECTORS BY OTHER MANUFACTURERS MAY BE CONSIDERED WHERE LOAD CAPACITY AND DIMENSIONS ARE EQUAL OR BETTER. ALL SUBSTITUTIONS MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW.

D. PROVIDE SOLID BLOCKING BELOW ALL BEARING WALLS. PROVIDE SOLID VERTICAL BLOCKING IN FLOOR SPACE TO MATCH STUD BUNDLE OR SOLID COLUMN ABOVE AND BELOW. VERTICAL BLOCKING AT WOOD "I" JOISTS SHALL BE 1/16" LONGER THAN JOIST IS DEEP. MINIMUM POST TO BE TWO 2X STUDS BEARING AT EACH END OF HEADER U.N.O. FOR BEAMS FRAMING PERPENDICULAR TO BEARING WALLS PROVIDE FULL WIDTH BEAM POCKET WITH FILLER AS REQUIRED AND KING STUD BOTH SIDES. STITCH STUD BUNDLES TOGETHER WITH 16d COMMON @ 18" O.C. MAXIMUM (U.N.O.) WHERE FLOOR BEAMS ARE FRAMED FLUSH WITHIN FLOOR AND TOP FLANGE HANGERS ARE SPECIFIED. BEAMS ARE TO BE BLOCKED UP TO JOIST HEIGHT WITH FULL WIDTH DF-L SPACER AS REQUIRED.

II. STRUCTURAL GLUED-LAMINATED TIMBER

ALL GLUED-LAMINATED TIMBER SHALL BE COMBINATION 24F-V4 FOR SIMPLY SUPPORTED BEAMS, COMBINATION 24F-V8 FOR BEAMS CONTINUOUS OVER SUPPORTS, AND COMBINATION L2 FOR COLUMNS (U.N.O.) FABRICATION TO BE IN ACCORDANCE WITH AITC A190.1 AND ASTM D3737. PROVIDE WET-USE ADHESIVES MAXIMUM MOISTURE CONTENT SHALL BE 15%. PROVIDE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD. WOOD BEARING ON OR WITHIN 1" OF MASONRY OR CONCRETE SHALL BE TREATED WITH AN APPROVED PRESERVATIVE. SEAL END GRAIN OF ALL EXTERIOR EXPOSED BEAMS INCLUDING NON-LOAD BEARING ARCHITECTURAL BEAMS.

III. MANUFACTURED WOOD "I" JOISTS

WOOD "I" JOISTS AS MANUFACTURED BY BOISE CASCADE CORPORATION OR EQUIVALENT SHALL BE DESIGNED AND CERTIFIED BY MANUFACTURER TO SUPPORT LOADINGS AS SHOWN ON THE DRAWINGS. SUBSTITUTION OF PRODUCTS BY OTHER MANUFACTURERS IS ACCEPTABLE. JOISTS SHALL BE ERECTED, INSTALLED, AND BRACED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

IV. LAMINATED VENEER LUMBER (LVL)

PRODUCTS SPECIFIED HEREIN AS ML OR M-L AND PL SHALL CONFORM TO THE PERFORMANCE CRITERIA OF LVL AND PSL PRODUCTS AS MANUFACTURED BY TRUSS JOIST AS MICROLAM AN PARALLAM. SUBSTITUTES ARE ACCEPTABLE PROVIDED THEY HAVE THE SAME STRUCTURAL VALUES AS ML AND PL.

V. WOOD SHEATHING

1. ALL WOOD SHEATHING SHALL BE RATED EXPOSURE 1 PLYWOOD OR OSB WITH THICKNESS, VENEER GRADES AND SPAN RATING AS SHOWN HEREIN OR ON DRAWINGS.

A. ROOF SHEATHING 1/16" WITH MINIMUM (40/20) SPAN RATING

B. FLOOR SHEATHING 3/4" T&G APA SPAN RATED TO 24"

C. EXTERIOR WALL AND SHEAR WALL SHEATHING 1/16" WITH MINIMUM (24/0) SPAN RATING.

2. ROOF AND FLOOR SHEATHING TO BE LAID UP WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND END JOISTS STAGGERED 4'-0" O.C. INSTALL ROOF SHEATHING WITH 1/8" SPACE AT ALL PANEL EDGES. NAIL ROOF SHEATHING WITH 10d @ 6" O.C. AT SUPPORTED PANEL AND 12" O.C. AT INTERMEDIATE FRAMING. FLOOR SHEATHING WITH 10d @ 6" O.C. AT SUPPORTED PANEL EDGES AND 10" O.C. FIELD. U.N.O. HOLES ARE NOT PERMITTED IN DIAPHRAGMS UNLESS REVIEWED BY ENGINEER.

3. NAIL EXTERIOR WALL SHEATHING WITH 8d @ 6" O.C. EDGES AND 12" O.C. FIELD. U.N.O. IN SHEARWALL SCHEDULE OFFSET VERTICAL JOINTS 4'-0" O.C. INSTALL WITH 1/8" GAP AT BUTT ENDS.

VI. WOOD SHEARWALLS

1. NO. 14 GAUGE STAPLES WITH MINIMUM 1/16" OD CROWN AND 1-3/8" LENGTH MAY BE USED ONE FOR ONE IN LIEU OF 8d NAILS. WHERE SUBSTITUTING FOR 10d NAILS USE 3 STAPLES FOR EACH 2 NAILS.

2. WHERE PLYWOOD PANEL JOINTS SHALL BE SET TO FALL ON DIFFERENT FRAMING MEMBERS, OR FRAMING NAILS ON EACH SIDE SHALL BE APPLIED TO BOTH SIDES OF SHEARWALL, SET TO FALL ON DIFFERENT FRAMING MEMBERS SHALL BE 3" (NOMINAL) WIDE AND 3E STAGGERED.

3. ALLOWABLE SHEAR VALUES FOR DOUGLAS FIR FRAMING MEMBERS (GROUP 1) WILL BE ALLOWED, FASTENERS SHALL BE ZINC COATED BY HOT DIP OR ELECTRO-DEPOSITED.

VII. PRE-MANUFACTURED WOOD TRUSSES

WOOD TRUSSES SHALL BE FACTORY ASSEMBLED USING STRESS RATED MATERIALS DESIGNED TO SUPPORT LOADING SHOWN ON DRAWINGS. INSTALL AND BRACE PER MANUFACTURER. MANUFACTURER IS RESPONSIBLE FOR REVIEWING ALL CONNECTIONS AND FRAMING IN TRUSSED ROOF SYSTEMS ABOVE PLATE HEIGHT FOR COMPLETENESS AND COMPATIBILITY WITH TRUSS DESIGNS. THIS INCLUDES ALL EAVE OVERHANGS AND OVER-FRAMES. SHOP DRAWINGS, DETAILS AND DESIGN CALCULATIONS OF TRUSSED ROOF SYSTEM MUST BE STAMPED BY A LICENSED WASHINGTON CIVIL ENGINEER AND SUBMITTED FOR REVIEW PRIOR TO FABRICATION

SPECIAL INSPECTION

NO SPECIAL INSPECTION REQUIRED

PROJECT DESCRIPTION

CONVENTIONAL WOOD FRAMED TWO STORY RESIDENCE FOUNDATION REINFORCED CONCRETE SPREAD FOOTINGS WALL HEIGHTS 9'-0" & GROUND ROOF FRAMING PRE MANUFACTURED WOOD TRUSSES.

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SHEET INDEX table listing sheets 1-9: GENERAL NOTES, W.S.E.C. CREDIT TABLE, FOUNDATION PLAN, FLOOR PLAN, UPPER FLR. FRAMING & UPPER FLR. PLAN, ROOF FRAMING PLAN, BUILDING SECTIONS & FRONT ELEVATION, RIGHT, REAR, & LEFT ELEVATIONS, ELECTRICAL PLANS.

SQUARE FOOTAGES table: MAIN FLR. LIVING SPACE 1070 SQFT., UPPER FLR. LIVING SPACE 1010 SQFT., TOTAL LIVING SPACE 2080 SQFT., SHOP & RV. BAY 1000 SQFT., BASEMENT MECH. RM. 225 SQFT.



Vertical information strip: O.W.I. HOMES INC., 6855 W. CLEARWATER AVE., SUITE N, KENNEWICK, WASHINGTON 99336. PHONE: (509) 331-8192, FAX: (509) 331-8503. OREGON WASHINGTON IDAHO. DRAWN BY: C.D. LEE, SCALE: 1/4" = 1'-0", DATE: 02/02/18, REVISED: AMOTH SHOP BLDG., SW Westwinds Rd, 275 (Amoth) 2019.0179.BP, SHEET 1 GENERAL NOTES.

**TOTAL LIVING SPACE**

2080 SQFT. OF LIVING SPACE

**ENERGY CREDITS REQUIRED**

1500 SQFT. AND LESS	1.5 CREDITS REQUIRED
<u>1500-5000 SQFT.</u>	<u>3.5 CREDITS REQUIRED</u>
5000 SQFT. AND MORE	4.5 CREDITS REQUIRED

**TABLE 406.2  
ENERGY CREDITS (2015 CODE)**

OPTIONS USED FROM TABLE TO GENERATE REQUIRED CREDITS

OPTION	DESCRIPTION & OPTION SELECTED	CREDITS	EQUIPMENT USED
1A	EFFICIENT BUILDING ENVELOPE PRESCRIPTIVE COMPLIANCE IS BASED ON TABLE R402.1.1 WITH THE FOLLOWING MODIFICATIONS VERTICAL FENESTRATION U-0.28 FLOOR R-38 R-10 RIGID FOAM INSUL. BOARD BELOW SLAB	0.5	CRAWLSPACE INSULATED TO MIN. R-38
2A	AIR LEAKAGE CONTROL AND EFFICIENT VENTILATION COMPLIANCE BASED ON R402.1.2: REDUCE THE TESTED AIR LEAKAGE TO 3.0 AIR CHANGES PER HOUR MAXIMUM AND ALL WHOLE HOUSE VENTILATION REQUIREMENTS AS DETERMINED BY SEC. M301.3 OF THE INTERNATIONAL RESIDENTIAL CODE SHALL BE MET WITH A HIGH EFFICIENCY FAN MAX. 0.35 WATTS/CFM, NOT INTERLOCKED WITH THE FURNACE FAN. VENTILATION SYSTEMS USING A FURNACE INCLUDING AN ECM MOTOR ARE ALLOWED, PROVIDED THAT THEY ARE CONTROLLED TO OPERATE AT LOW SPEED IN VENTILATION MODE.	0.5	MAX. 3.0 AIR CHANGES PER HOUR WHOLE HOUSE VENTILATION AS NOTED
3B	HIGH EFFICIENCY HVAC EQUIPMENT AIR SOURCE HEAT PUMP WITH A MINIMUM HSPF OF 9.0	1.0	AIR SOURCE HEAT PUMP W/MIN. HSPF OF 9.0
5C	EFFICIENT WATER HEATING GAS, PROPANE, OR OIL WATER HEATER WITH A MIN. EF. OF 0.91	1.5	
<b>TOTAL CREDITS EARNED</b>		<b>3.5</b>	

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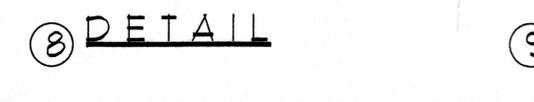
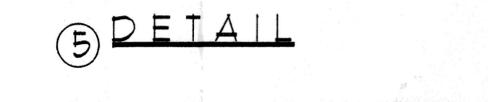
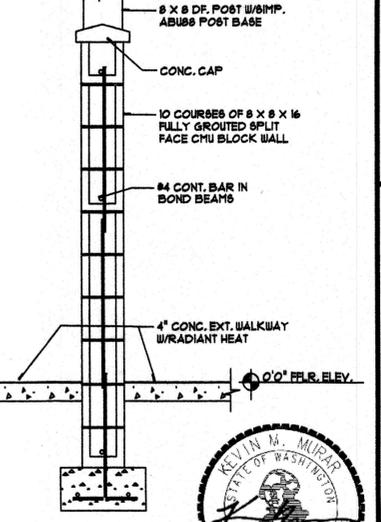
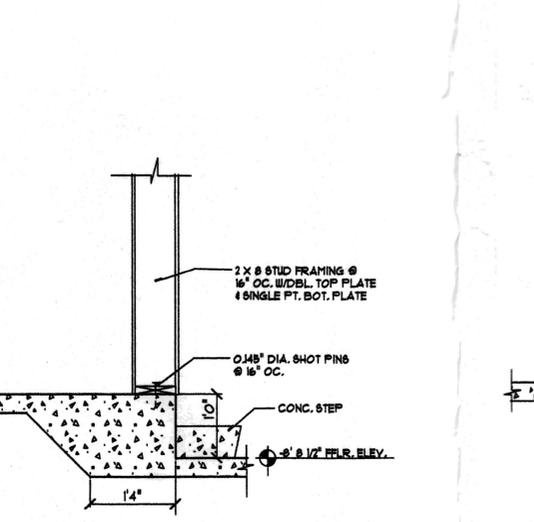
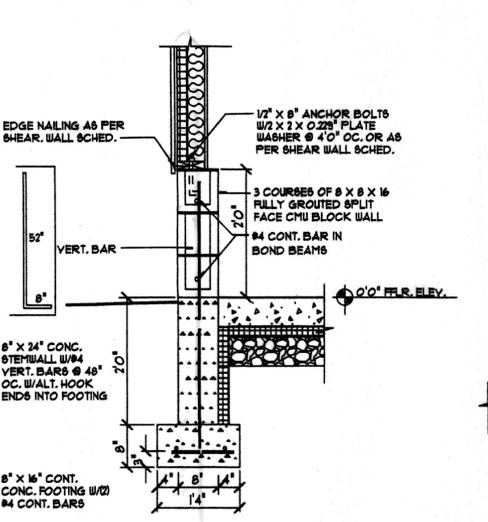
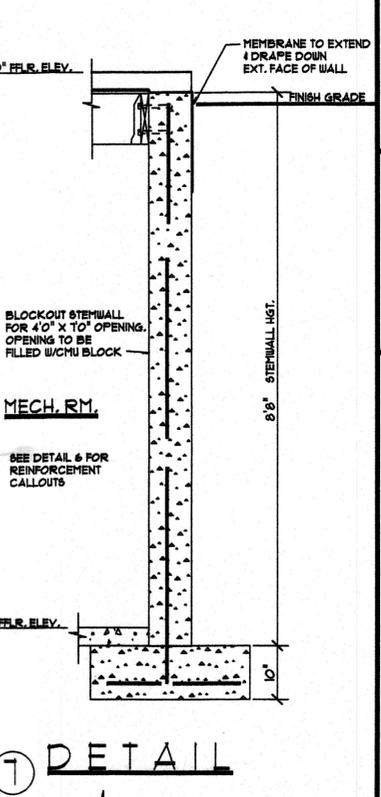
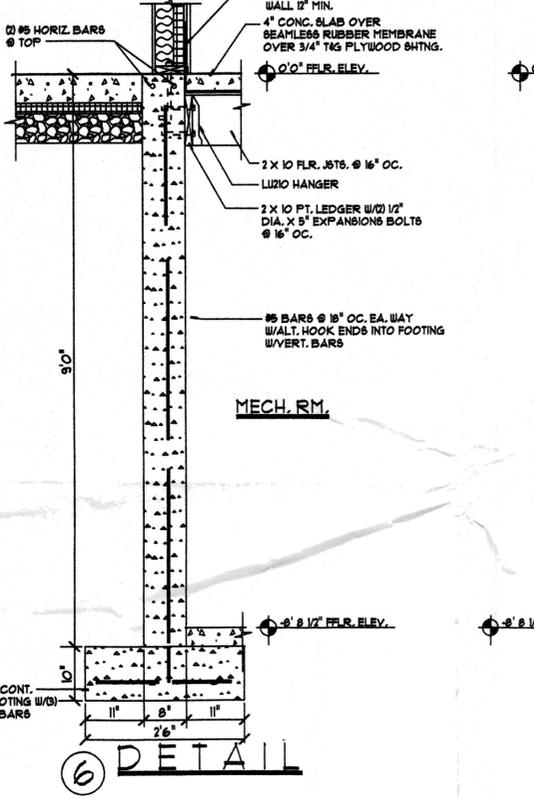
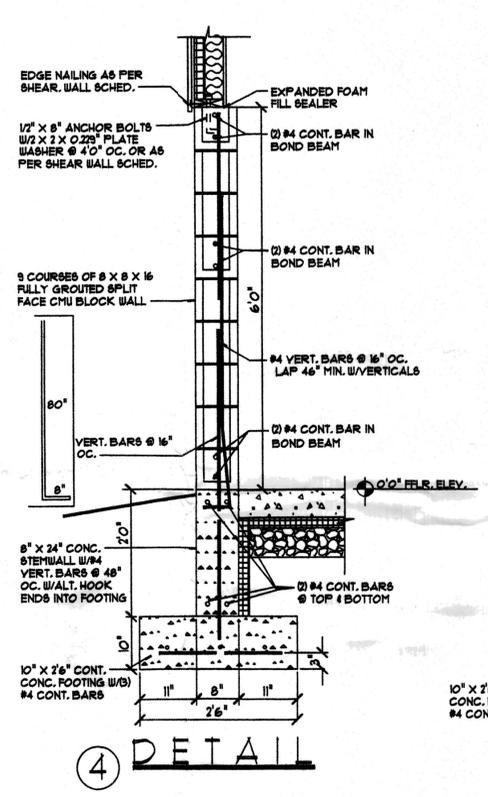
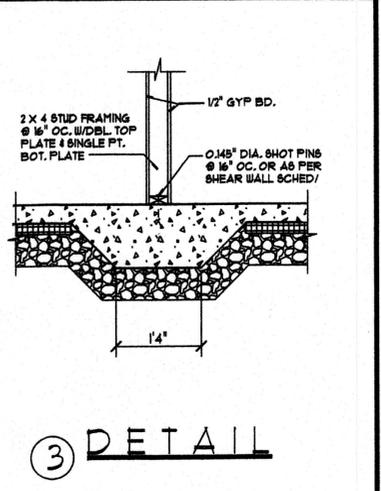
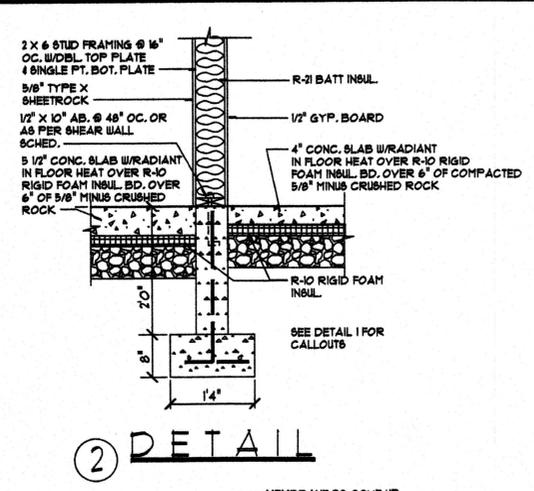
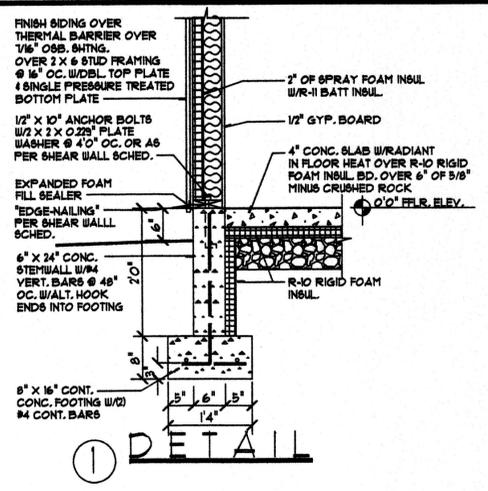
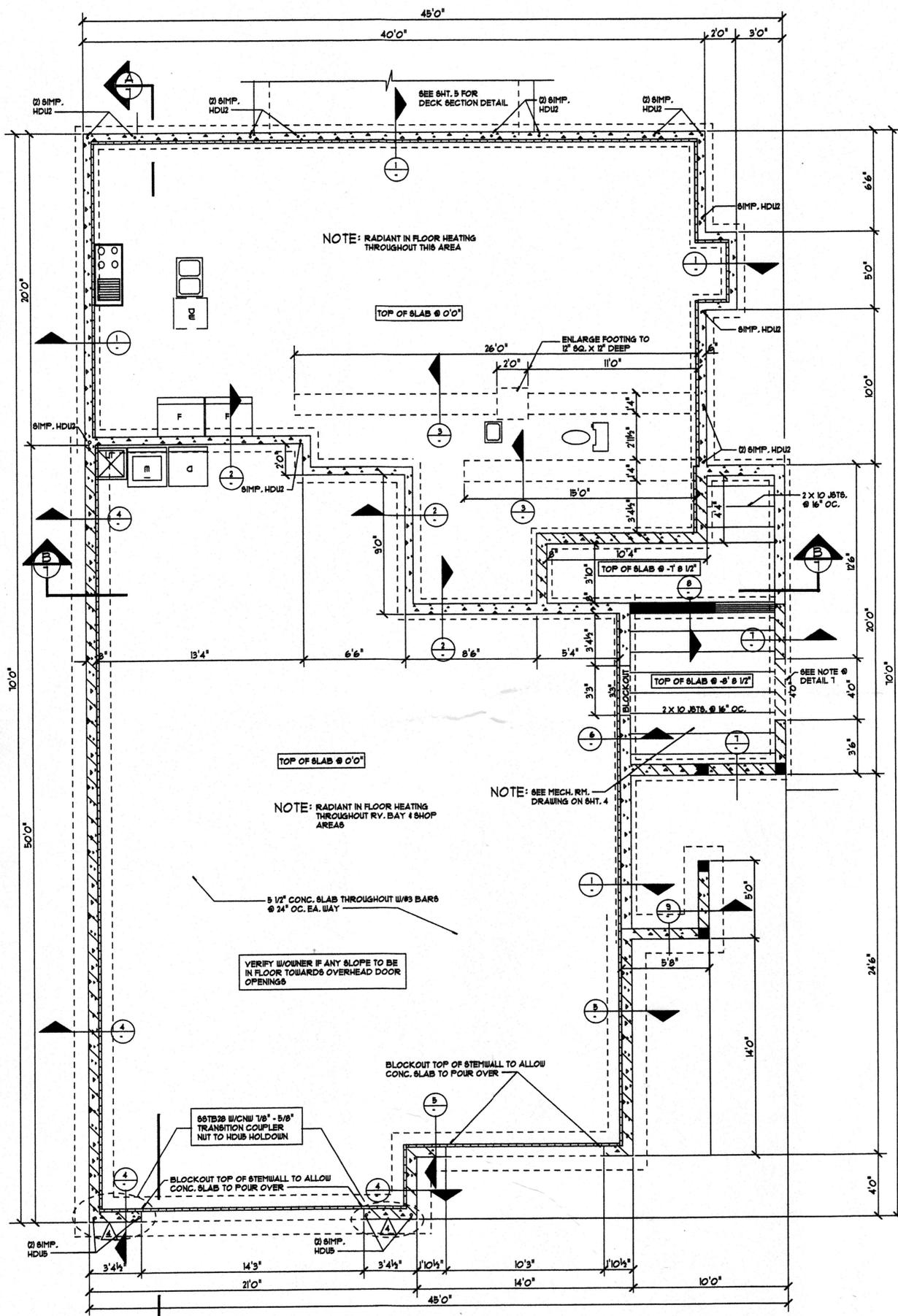
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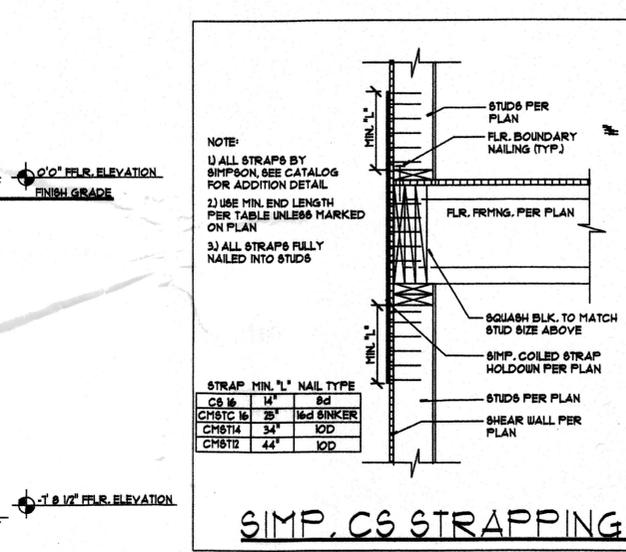
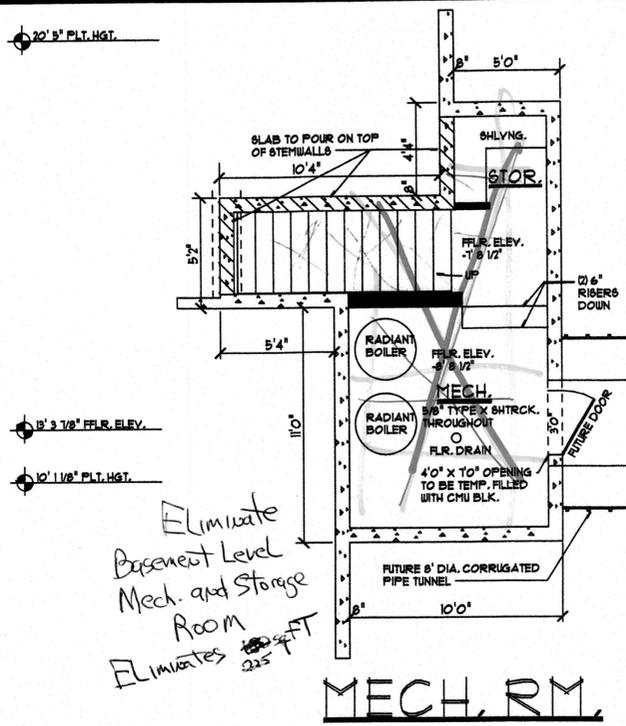
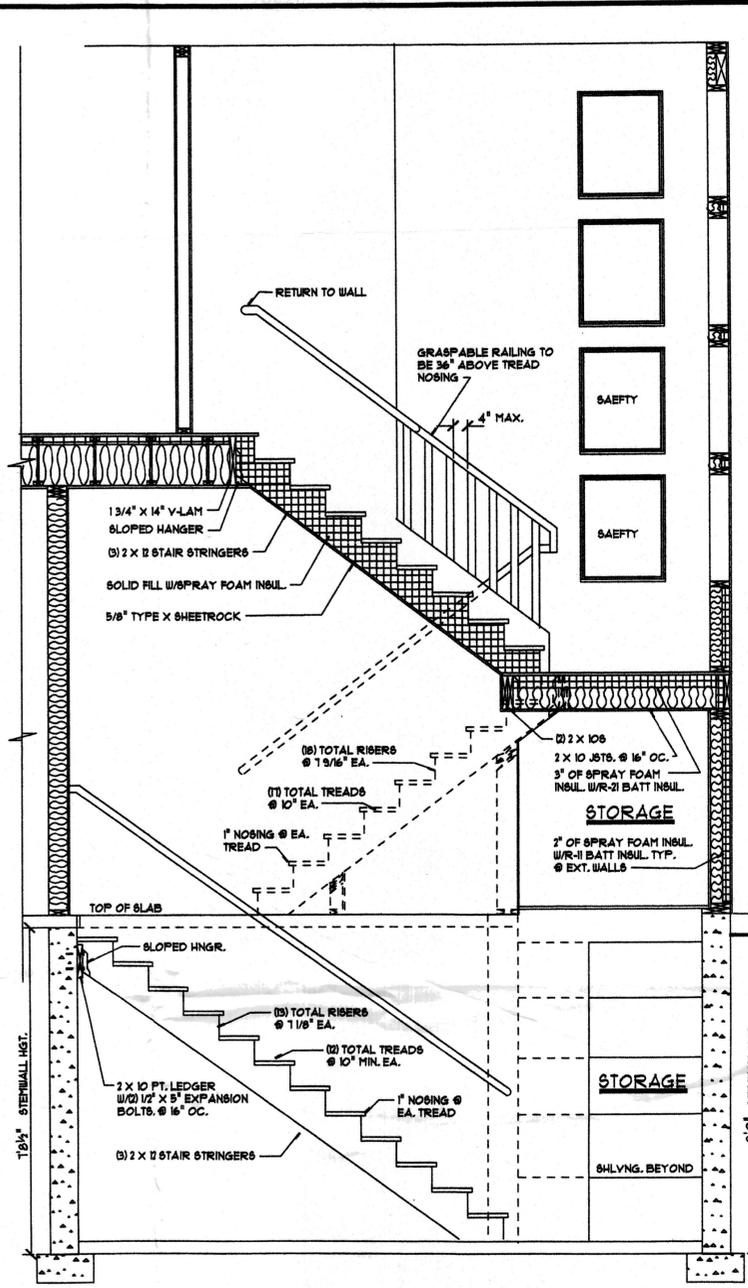
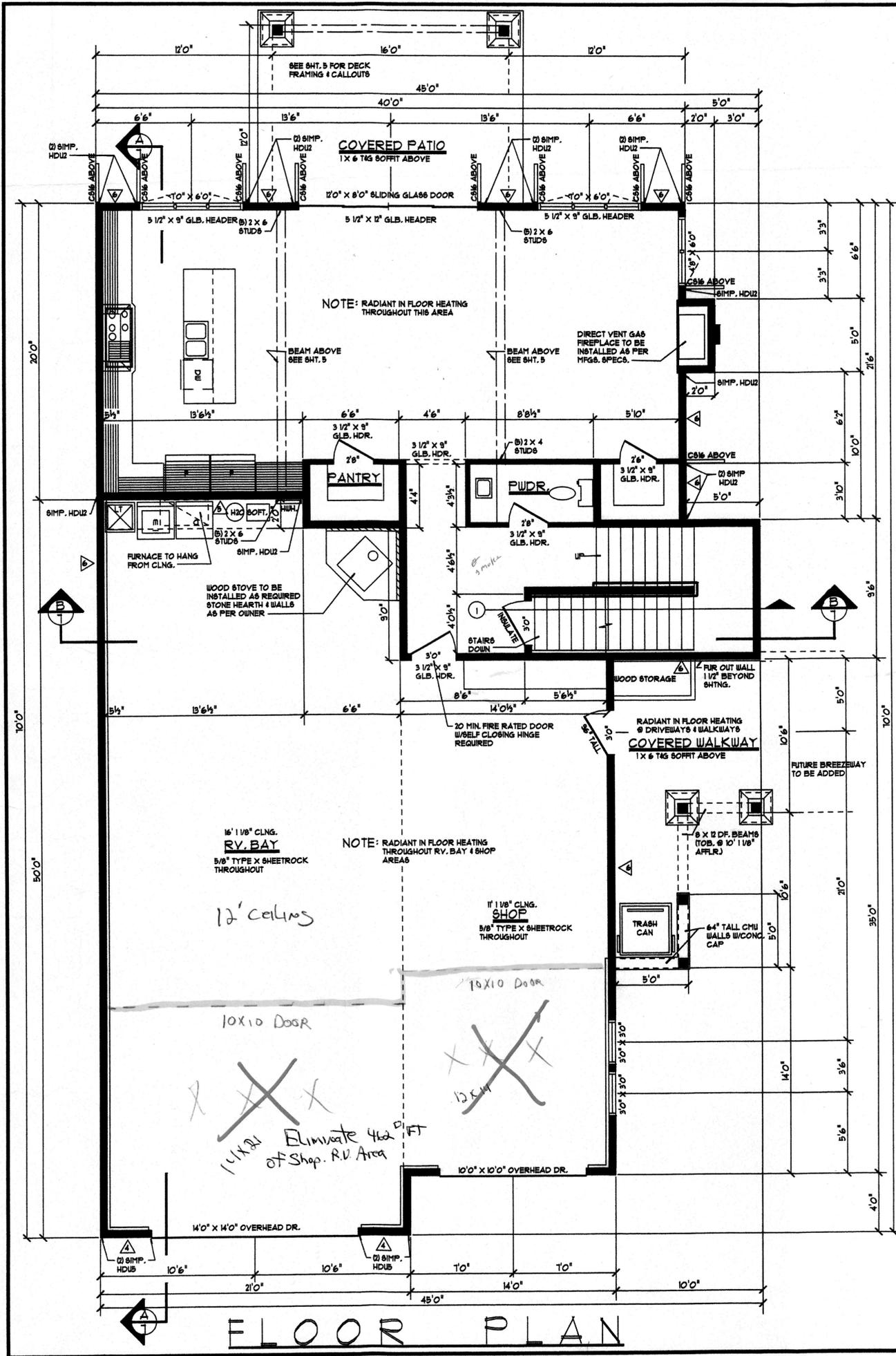
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SHT. 2 W.S.E.C. CREDIT TABLE



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 KEVIN M. MURPHY REGISTERED PROFESSIONAL ENGINEER 36351  
 EXPIRES 5/18/2018  
 ALL DETAILS DRAWN @ 3/4" = 1'-0"



**ABBREVIATIONS**

AFFL. — ABOVE FINISH FLOOR (TOP OF PLYWOOD FLR. SHING.)  
BOB. — BOTTOM OF BEAM  
TOB. — TOP OF BEAM  
BOL. — BOT. OF LEDGER  
C/O — CASSED OPENING

**DIMENSIONS**

EXT. 2 X 6 WALL = 5 1/2"  
EXT. 2 X 4 WALL = 3 1/2"  
INT. 2 X 6 WALL = 5 1/2"  
INT. 2 X 4 WALL = 3 1/2"  
VERTICAL WALLS ARE DIM.  
TO LEFT SIDE OF WALL  
HORIZONTAL WALLS ARE DIM.  
TO BOTTOM SIDE OF WALL

**△ SHEAR WALL SCHEDULE**

BLOCK ALL EDGES, WALL W/SHEAR NOTED ON EACH SIDE TO HAVE THE SHEAR NAILING ON BOTH SIDES W/3 X 6S OR DBL. STUDS @ EDGE NAILING & SILL PLATE CONDITIONS AND HALF SPACING OF BOLTS

SHEAR WALL MARK	SHEATHING MATERIAL	FIELD NAILING	EDGE NAILING	BOTTOM PLATE	STUDS @ EDGE NAILING	ANCHOR BOLT SPACING
▽	1/2" OSB.	8d @ 12" OC.	8d @ 6" OC.	2X	2X	1/2" x 10" @ 48" OC.
▽	5/8" SHEETROCK	8d @ 12" OC.	8d @ 12" OC.	2X	2X	1/2" x 10" @ 48" OC.
▽	1/2" OSB.	8d @ 12" OC.	8d @ 4" OC.	2X	2X	1/2" x 10" @ 24" OC.

**HOLD-DOWN SCHEDULE**

HOLD-DOWN	ANCHOR BOLT	ALTERNATE ANCHOR	EMBEDMENT	THREADED ROD TYPE
HDU2	88TB20	5/8" DIA. EPOXIED THREADED ROD	10 1/2"	
HDU4	88TB20	5/8" DIA. EPOXIED THREADED ROD	10 1/2"	5/8" DIA. THREADED ROD-HILT "H4S-BT" OR EQUIV. PREDRILLED HOLE 1/8" LARGER THAN THREADED ROD DIA. FILLED WITH "SIMPSON" "ET" EPOXY TIE OF HILT "HIT-RE 500 V3"
HDUB	88TB24	NONE		
HDUB	88TB28	NONE		
DTZZ	FAS4-2	1/2" DIA. EPOXIED THREADED ROD	10 1/2"	

**1) NAILS OR STAPLES TO BE:**  
8d @ 2 1/2" X 0.28" COMMON OR 2 1/2" X 0.18" GALVANIZED BOX NAILS,  
10d @ 3" X 0.148" COMMONS OR 3" X 0.128" GALVANIZED BOX NAILS

**2) 16 GAUGE STAPLES**  
1/2" 16 GAUGE STAPLES MAY BE SUBSTITUTED FOR 8d COMMONS OR 8d BOX NAILS W/ (3) STAPLES FOR EVERY (2) 8d/6E

**3) WHEN 10d NAILS ARE SPACED AT 3' OR LESS, EDGE MEMBERS TO BE 3X FRAMING MEMBERS OR DOUBLE STUDS**

**4) WHEN 8d NAILS OR STAPLES ARE SPACED AT 2' OR LESS, EDGE MEMBERS TO BE 3X FRAMING MEMBERS OR DOUBLE STUDS.**

**5) STAPLES TO HAVE 1/16" MIN. CROWN WIDTH AND INSTALLED WITH THEIR CROWNS PARALLEL TO LONG DIMENSION FOR THE FRAMING MEMBER**

**6) DBL. STUDS AND DBL. PLATES MAY BE SUBSTITUTED FOR 3X STUDS TITEN HD SCREWS MAY BE SUBSTITUTED FOR ANCHOR BOLTS EMBED 5"**



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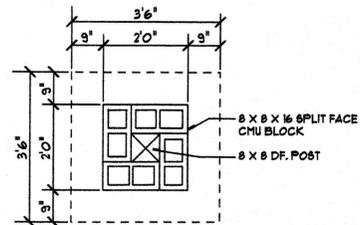
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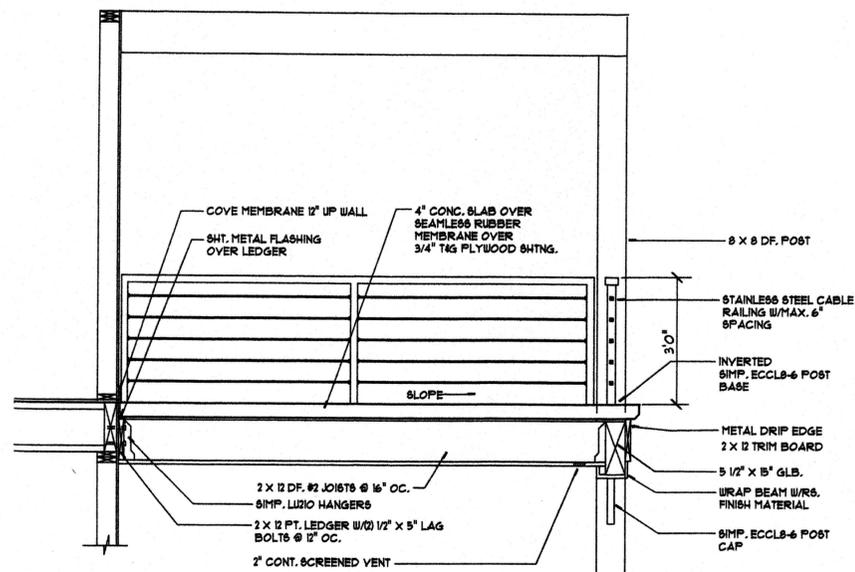
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**SHT. 4 FLOOR PLAN**

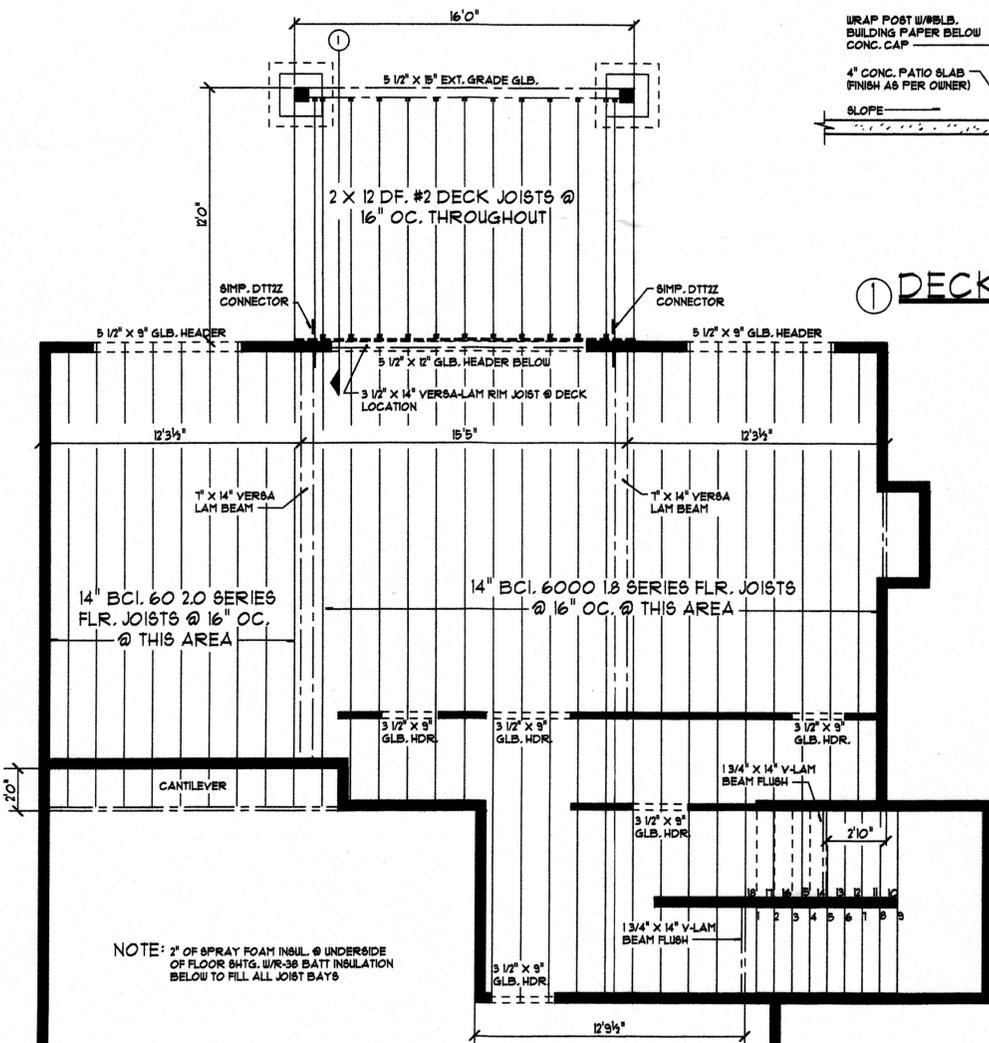
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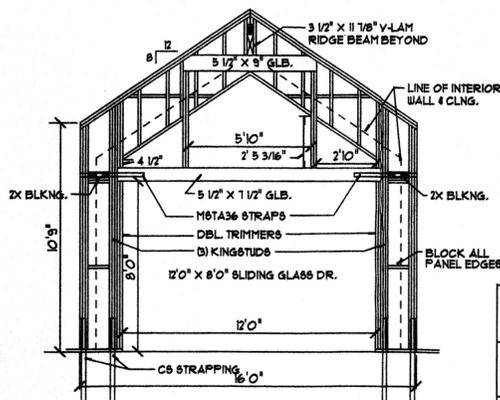
PLAN VIEW



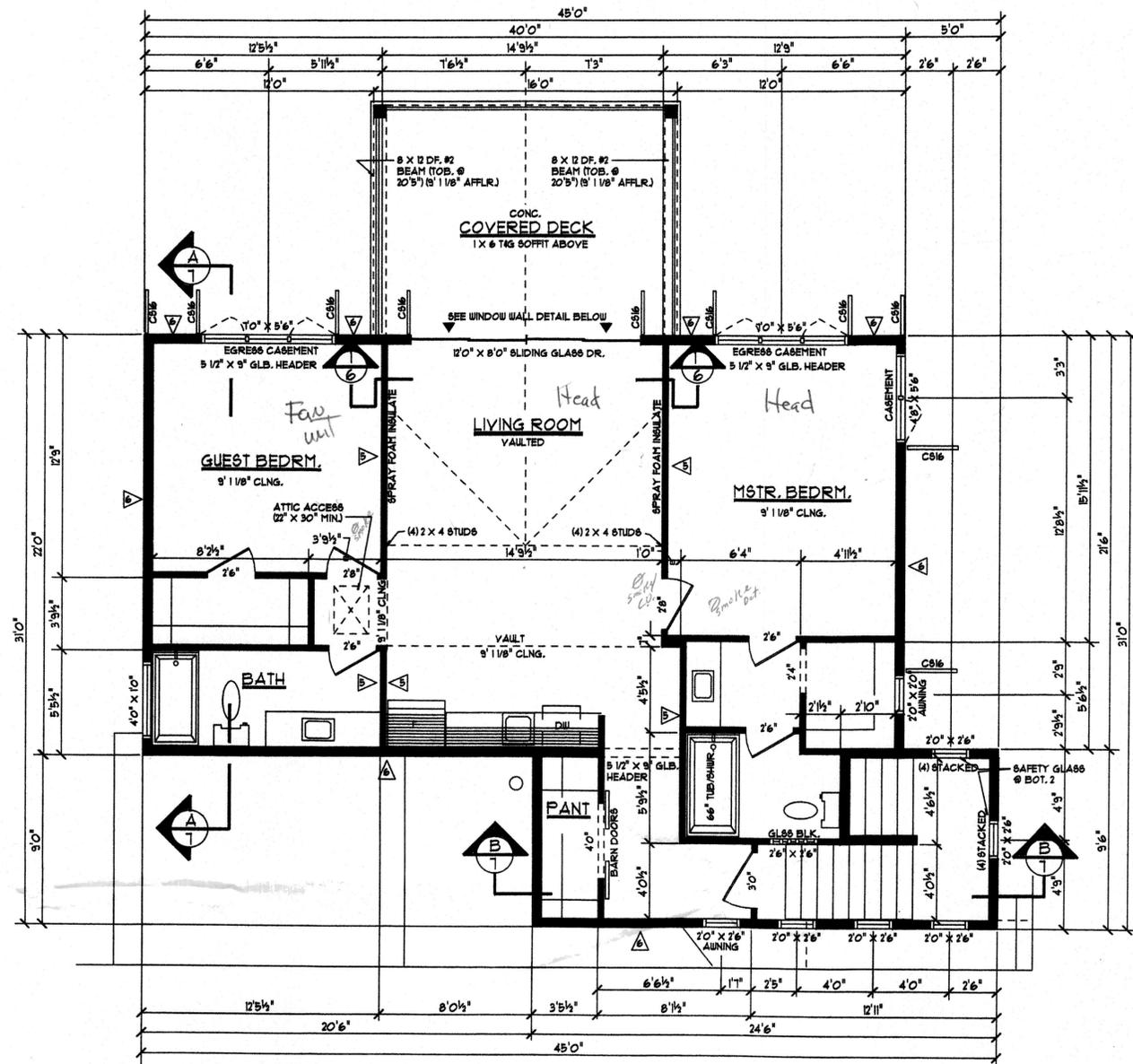
DECK SECTION DETAIL



UPPER FLR. FRAMING



WINDOW WALL DETAIL



UPPER FLOOR PLAN

NOTE: SEE SHT. 6 ROOF FRAMING PLAN FOR PLATELINE HGTS. ALL PLATELINE HGTS. ARE FROM TOP OF SLAB @ MAIN FLOOR LIVING SPACE T 1 5/8" TYP. HDR. HGT. @ UPPER FLOOR

**△ SHEAR WALL SCHEDULE**

SHEAR WALL MARK	SHEATHING MATERIAL	FIELD NAILING	EDGE NAILING	BOTTOM PLATE	STUDS @ EDGE NAILING	ANCHOR BOLT SPACING
▽	1/4" OSB.	8d's @ 12" OC.	8d's @ 6" OC.	2X	2X	12" x 10" @ 48" OC.
▽	5/8" SHEETROCK	5d's @ 12" OC.	5d's @ 12" OC.	2X	2X	12" x 10" @ 48" OC.
▽	1/4" OSB.	8d's @ 12" OC.	8d's @ 4" OC.	2X	2X	12" x 10" @ 24" OC.

**HOLDOWN SCHEDULE**

HOLDOWN	ANCHOR BOLT	ALTERNATE ANCHOR	EMBEDMENT	THREADED ROD TYPE
HDU2	66TB20	5/8" DIA. EPOXIED THREADED ROD	10 1/2"	
HDU4	66TB20	5/8" DIA. EPOXIED THREADED ROD	10 1/2"	5/8" DIA. THREADED ROD-HILT "46S-B" OR EQUIV. PREDRILLED HOLE (1/8" LARGER THAN THREADED ROD DIA) FILLED WITH "SIMPSON" "ET" EPOXY TIE OF HILT "HIT-RE 500 V3"
HDU5	66TB24	NONE		
HDU8	66TB28	NONE		
DTTZ	PAB4-2	1/2" DIA. EPOXIED THREADED ROD	10 1/2"	

**ABBREVIATIONS**  
 AFFLR. ABOVE FINISH FLOOR (TOP OF PLYWOOD FLR. SHING.)  
 BOB. BOTTOM OF BEAM  
 TOB. TOP OF BEAM  
 BOL. BOT. OF LEDGER  
 C/O CASSED OPENING  
**DIMENSIONS**  
 EXT. 2 X 6 WALL = 5 1/2"  
 EXT 2 X 4 WALL = 3 1/2"  
 INT. 2 X 6 WALL = 5 1/2"  
 INT. 2 X 4 WALL = 3 1/2"  
 VERTICAL WALLS ARE DIM. TO LEFT SIDE OF WALL  
 HORIZONTAL WALLS ARE DIM. TO BOTTOM SIDE OF WALL

1) NAILS OR STAPLES TO BE:  
 8d's = 2 1/2" x 0.31" COMMON OR 2 1/2" x 0.19" GALVANIZED BOX NAILS,  
 10d's = 3" x 0.148" COMMONS OR 3" x 0.226" GALVANIZED BOX NAILS  
 2) 16 GAUGE STAPLES  
 1 1/2" 16 GAUGE STAPLES MAY BE SUBSTITUTED FOR 8d COMMONS OR 8d BOB NAILS W/ (3) STAPLES FOR EVERY (2) 8d'S  
 3) WHEN 10d NAILS ARE SPACED AT 3' OR LESS, EDGE MEMBERS TO BE 3X FRAMING MEMBERS OR DOUBLE STUDS  
 4) WHEN 8d NAILS OR STAPLES ARE SPACED AT 2' OR LESS, EDGE MEMBERS TO BE 3X FRAMING MEMBERS OR DOUBLE STUDS.  
 5) STAPLES TO HAVE 1/16" MIN. CROWN WIDTH AND INSTALLED WITH THEIR CROWNS PARALLEL TO LONG DIMENSION FOR THE FRAMING MEMBER  
 6) DBL. STUDS AND DBL. PLATES ME BE SUBSTITUTED FOR 3X STUDS TITEN HD SCREWS MAY BE SUBSTITUTED FOR ANCHOR BOLTS EMBED 5"



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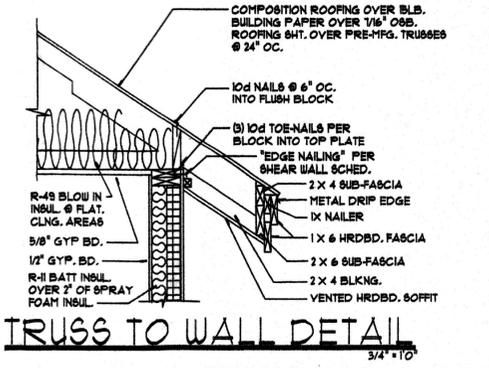
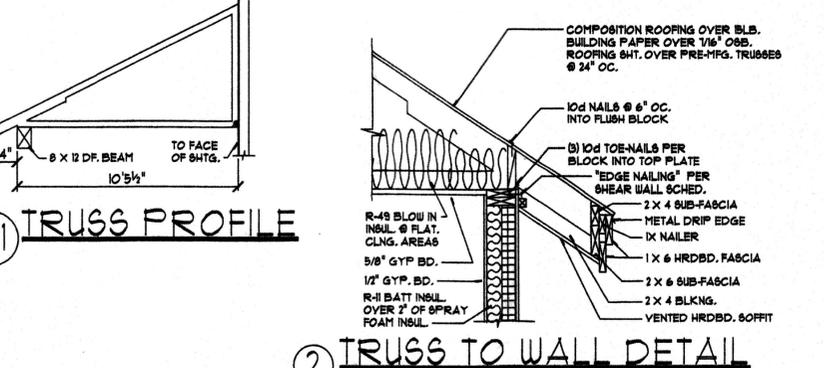
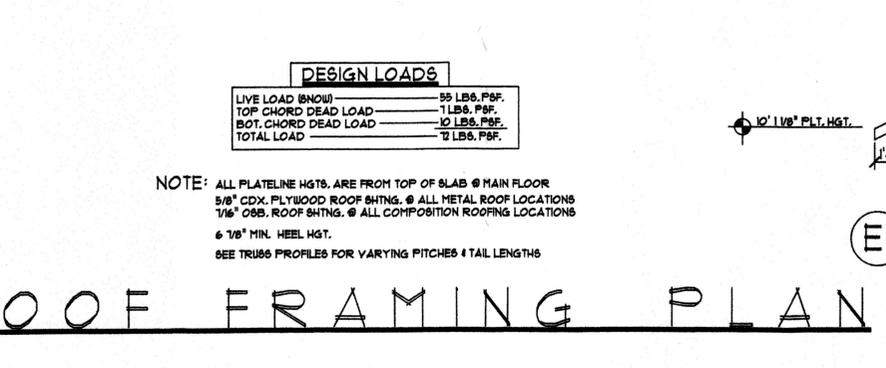
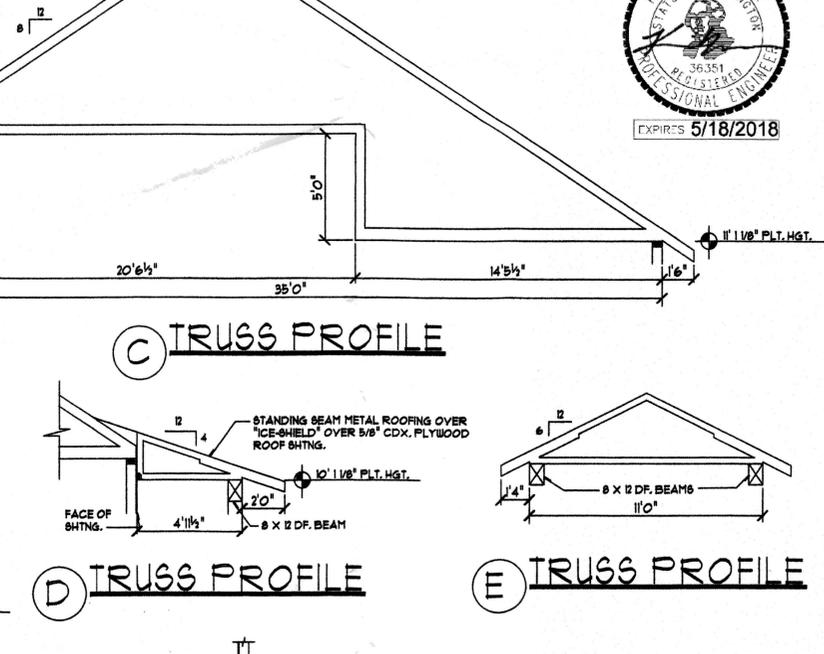
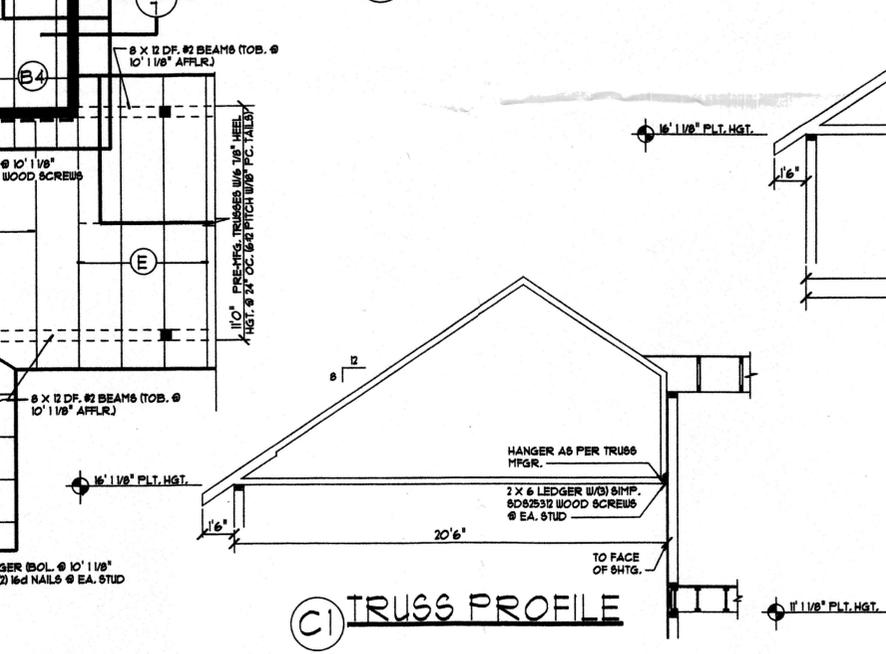
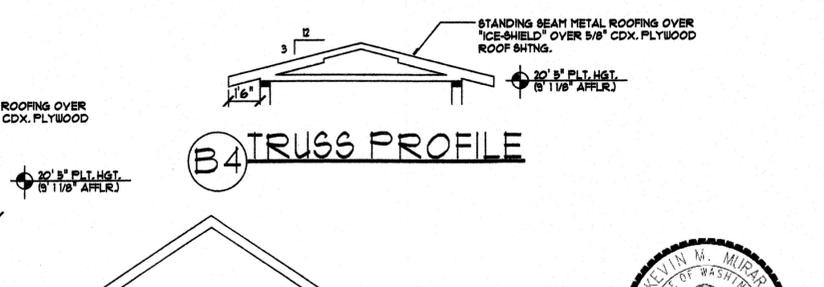
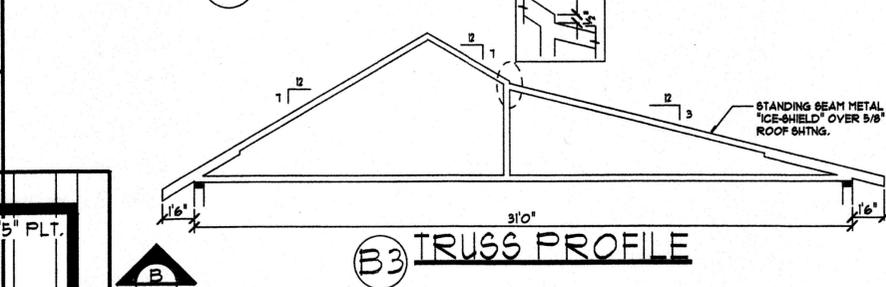
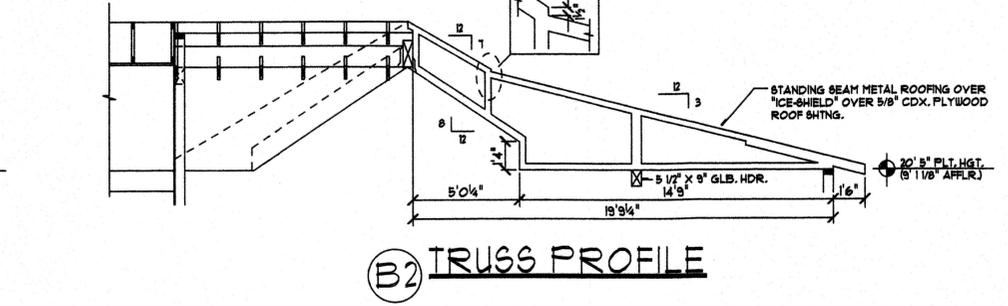
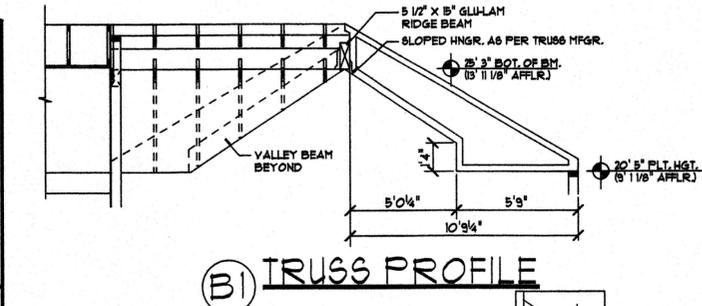
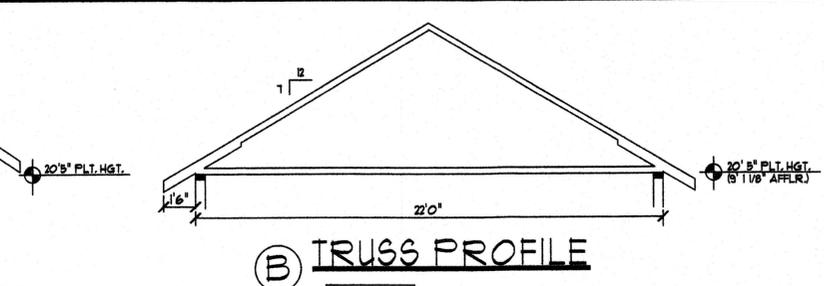
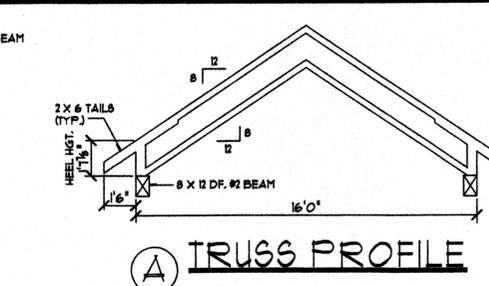
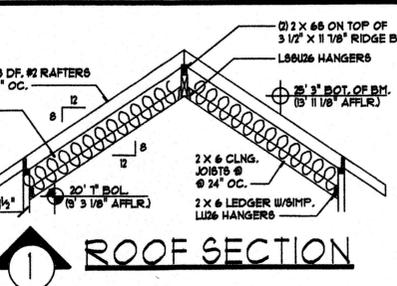
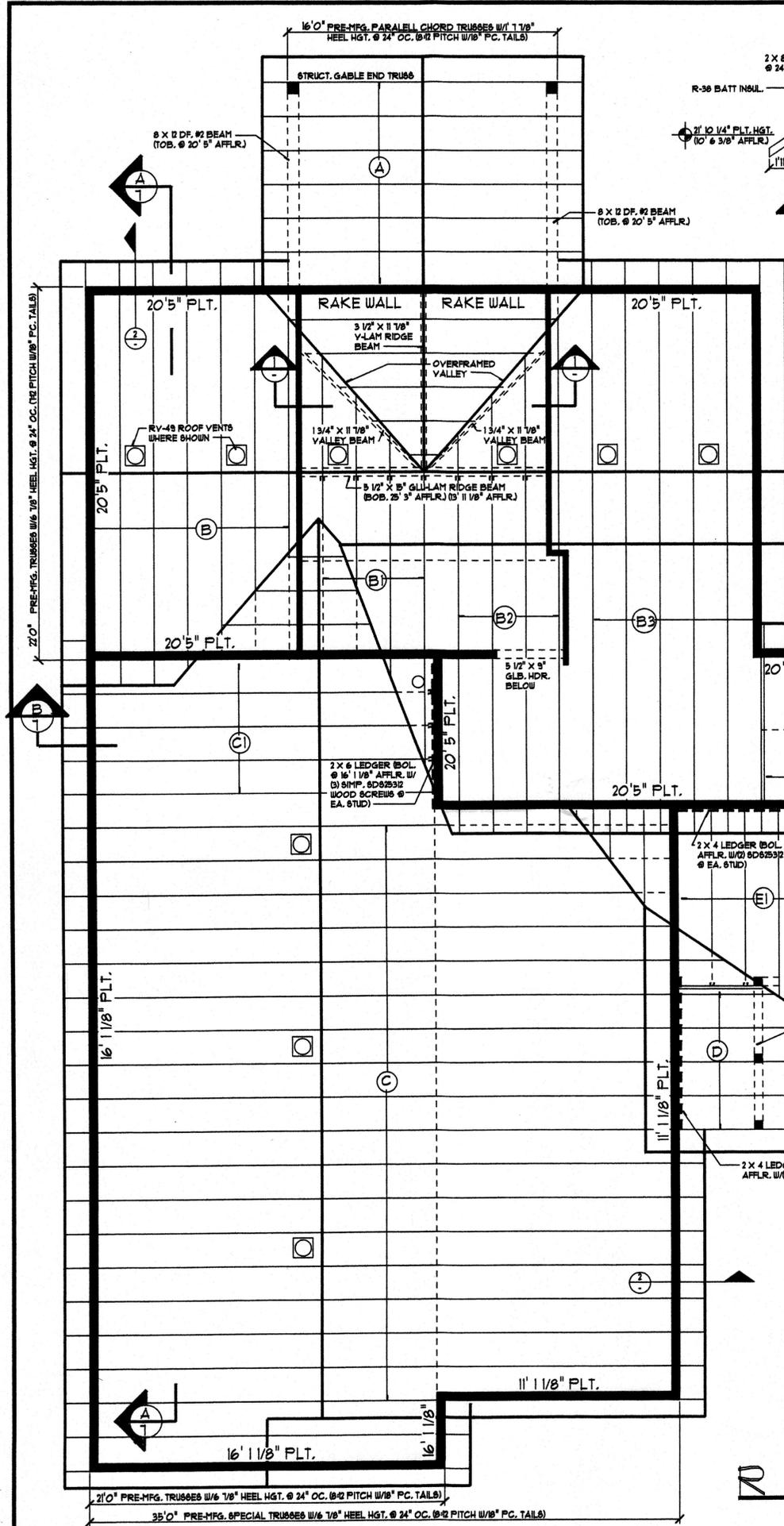
**OREGON WASHINGTON IDAHO**

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 SCALE: 1/4" = 1'  
 DATE: 02/02/18  
 REVISED: 02-14-18

**AMOTH SHOP BLDG.**

SHT. 5 UPPER FLOOR PLAN

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**DESIGN LOADS**

LIVE LOAD (SNOW)	35 LBS. PSF.
TOP CHORD DEAD LOAD	1 LBS. PSF.
BOT. CHORD DEAD LOAD	10 LBS. PSF.
TOTAL LOAD	12 LBS. PSF.

NOTE: ALL PLATLINE HGTs. ARE FROM TOP OF SLAB @ MAIN FLOOR  
 5/8" CDX. PLYWOOD ROOF SHING. @ ALL METAL ROOF LOCATIONS  
 1/4" OSB. ROOF SHING. @ ALL COMPOSITION ROOFING LOCATIONS  
 6 7/8" MIN. HEEL HGT.  
 SEE TRUSS PROFILES FOR VARYING PITCHES & TAIL LENGTHS

**ROOF FRAMING PLAN**

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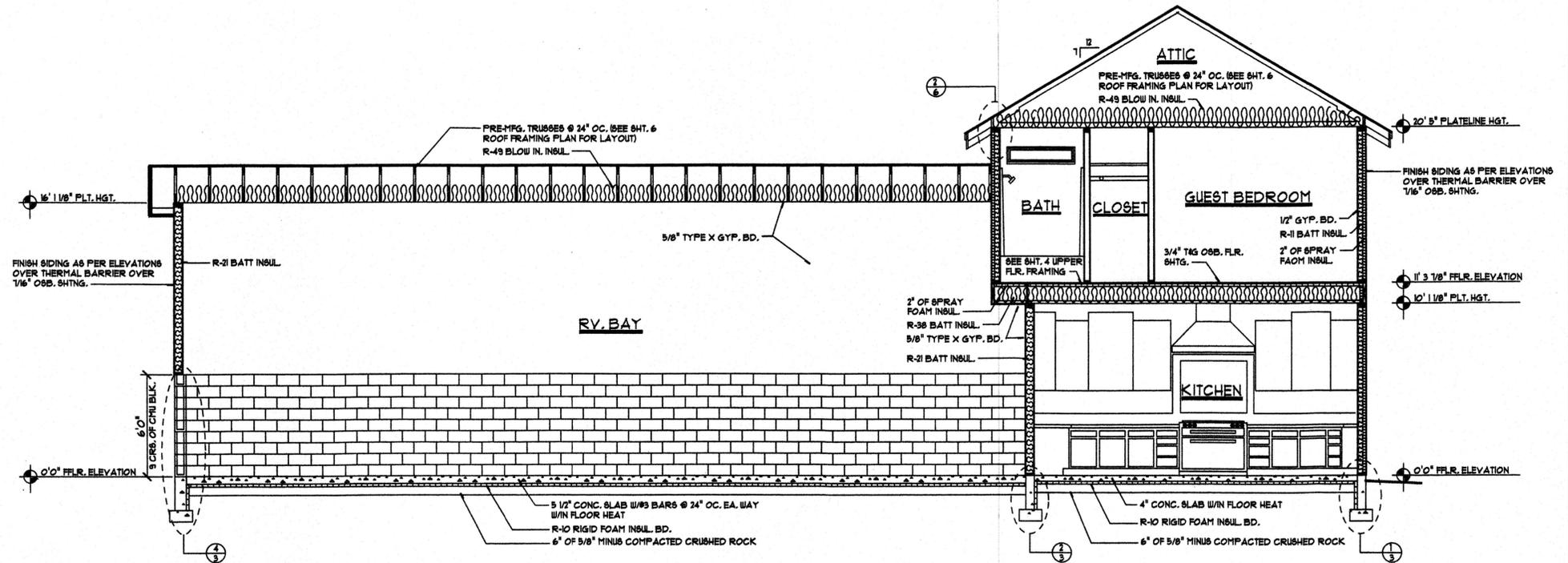
OREGON  
 WASHINGTON  
 IDAHO

DRAWN BY: C.D. LEE  
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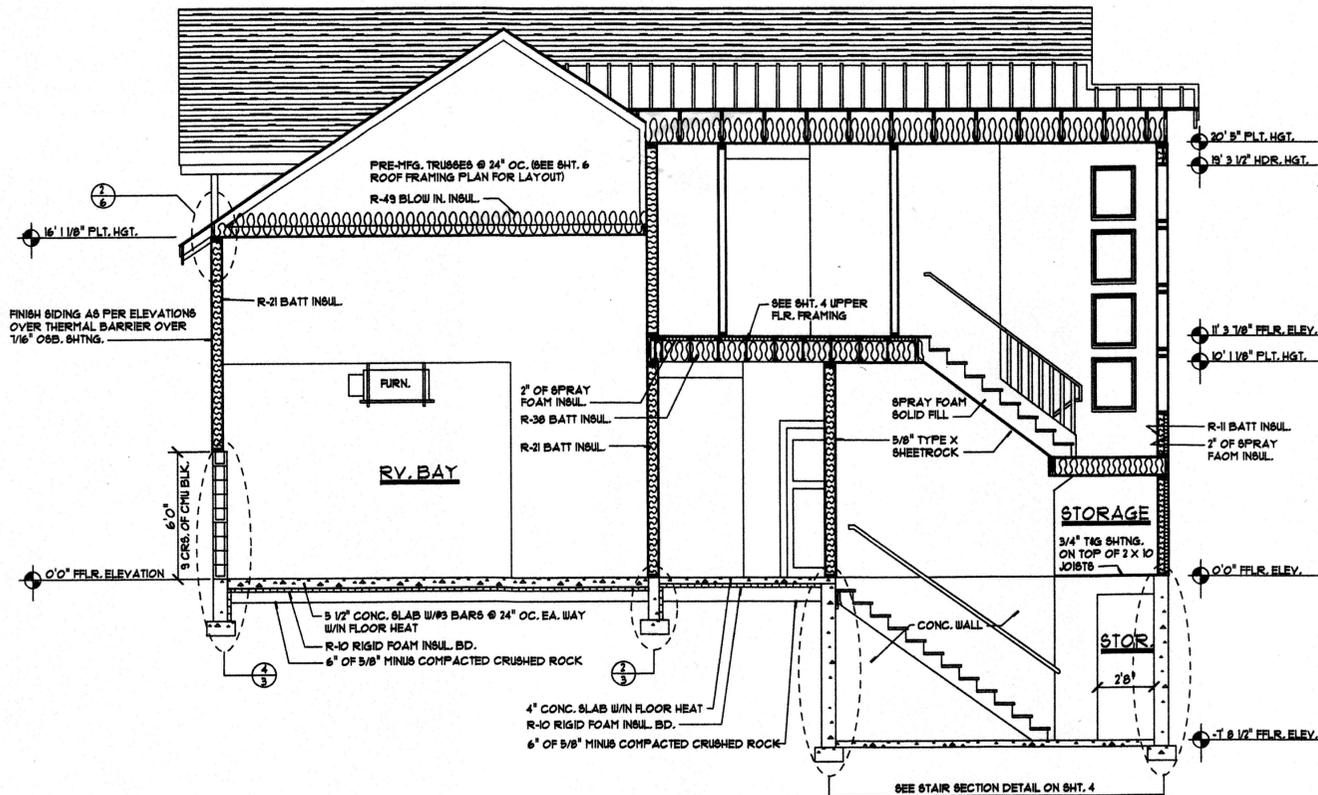


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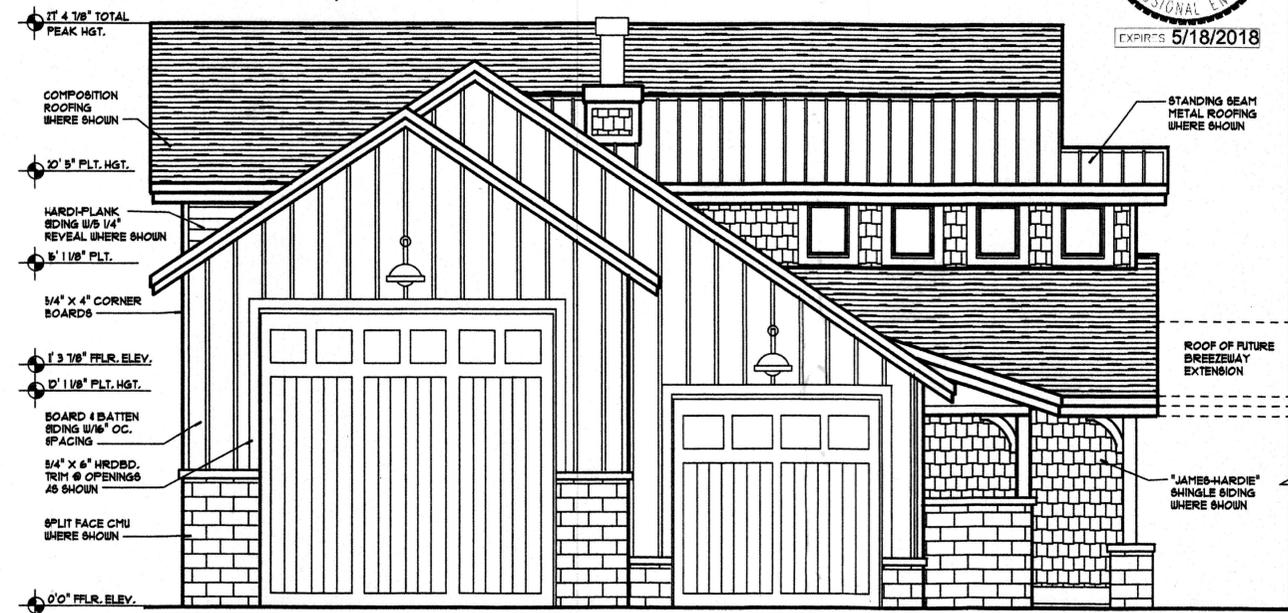
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 SHT. 6 ROOF FRAMING PLAN



BUILDING SECTION



BUILDING SECTION



NORTH ELEVATION

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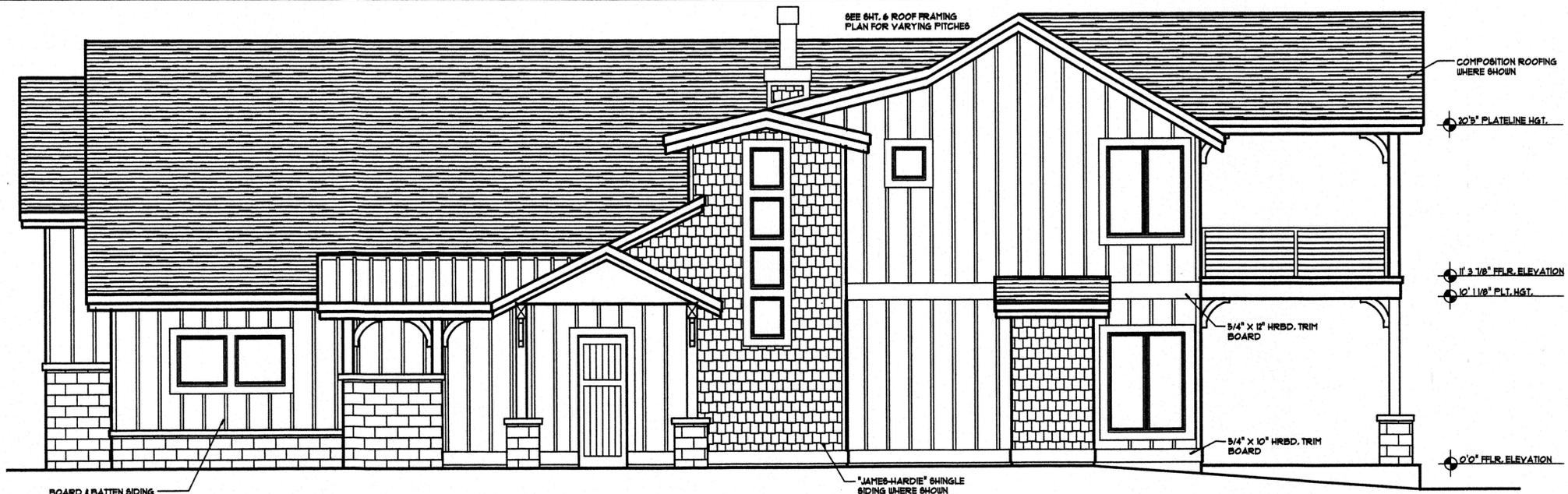
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IDAHO



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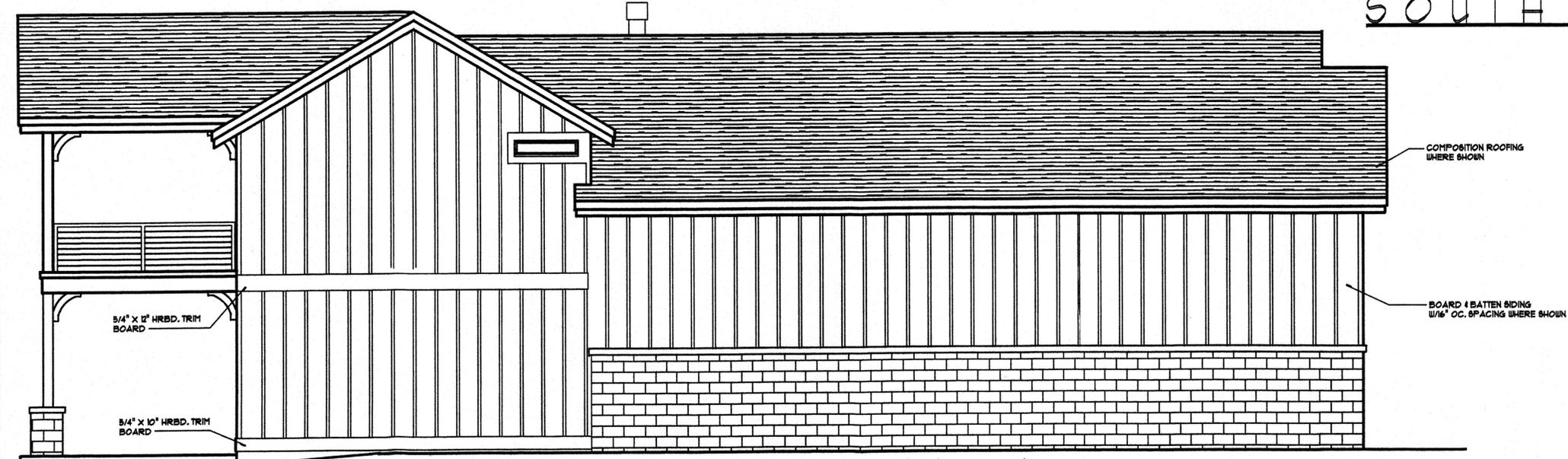
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SHT. 1 BUILDING SECTIONS & FRONT ELEVATION



WEST ELEVATION  
RIGHT SIDE



SOUTH ELEVATION  
REAR ELEVATION



EAST ELEVATION  
LEFT SIDE

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SHT. & ELEVATIONS