

ST. CROIX VALLEY HABITAT FOR HUMANITY

749 Ryan Dr., Hudson, WI 54016

SINGLE FAMILY DWELLING

243 W. PANTHER DR.

ELLSWORTH, WI 54011



RENDERING MAY NOT REFLECT ACTUAL CONSTRUCTED HOUSE



SITE MAP

SHEET
1 of 9

REVISIONS:

DATE	REVISION

DRAWN BY: M. RICE

DATE: 10-2-23

PLOT DATE: 11/3/2023

CHECKED BY: M. STEINER

PROJECT INFO

SITE NUMBER: xxxx

MODEL: 2TR4-2

DESIGNER: MARK RICE

SHEET INDEX

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SYMBOLS

ELECTRICAL

	SMOKE DETECTOR		INTERIOR BASEMENT 1 BULB PORCELAIN SOCKET
	SMOKE/CARBON MONOXIDE COMBO DETECTOR		INTERIOR 1 BULB LIGHT FIXTURE
	TELEPHONE JACK		INTERIOR 2 BULB LIGHT FIXTURE
	CABLE JACK		INTERIOR LIGHT FIXTURE W/ ELEC BOX RATED FOR FUT. CEILING FAN
	BATH FAN. SEE PROJECT SPEC FOR MODEL		UNDER CABINET FLUORESCENT LIGHT
	ELECTRIC PANEL		INTERIOR WALL SCONCE FIXTURE 1 BULB
	ELECTRIC METER		INTERIOR VANITY LIGHT FIXTURE
	FUTURE CABLE BOX AND WIRING BY OTHERS		EXTERIOR LIGHT FIXTURE
	TELEPHONE COMMUNICATION BOX		EXTERIOR CAN LIGHT

- THREE PHONE JACKS PER UNIT: KITCHEN, LIVING ROOM, AND VERIFY THIRD LOC. W/ PLAN
- VERIFY PHONE JACK LOCATIONS WITH SITE SUPERVISOR WHEN POSSIBLE- LOCATIONS SHOWN ARE SUGGESTED.
- ALL CEILING FIXTURES IN BEDROOMS, LIVING ROOM, & DINING AREA TO HAVE CEILING ELEC. BOX RATED FOR FUTURE FAN.
- PHONE JACK IN LIVING ROOM TO BE BY ONE OUTLET
- ELECTRIC OUTLETS PER CODE @ HOUSE
- CENTER LIGHT FIXTURES WITHIN ROOM
- BATH FAN ON LOWER LEVEL/FIRST FLOOR: VENT @ FLOOR RIM
BATH FAN ON 2ND FLR OR MAIN FLR (RANCH): VENT THRU ROOF
- DOOR BELLS AT EXTERIOR ENTRY DOORS.
- GASKETED ELECTRIC BOXES WHEN LOCATED ON EXTERIOR WALLS AND CEILING

ABBREVIATIONS

A.B.	ANCHOR BOLT	MAS	MASONRY
A/C	AIR CONDITIONING	MAX.	MAXIMUM
ADD'L	ADDITIONAL	MECH.	MECHANICAL
ADJ.	ADJUSTABLE	MED.	MEDIUM
ALT.	ALTERNATE	MFR.	MANUFACTURER
ALUM.	ALUMINUM	MIN.	MINIMUM
APPROX.	APPROXIMATE	MISC.	MISCELLANEOUS
ARCH.	ARCHITECTURAL	M.O.	MASONRY OPENING
		MTL	METAL
		MULL.	MULLION
BD.	BOARD	N/A	NOT APPLICABLE
BLKG.	BLOCKING	N.T.S.	NOT TO SCALE
BLDG.	BUILDING		
BM.	BEAM	O.C.	ON CENTER
BOT.	BOTTOM	OH	OVER HEAD
BRG.	BEARING	OFNG	OPENING
		OPF	OPPOSITE
CAB.	CABINET	OZ.	OUNCE
CER.	CERAMIC	PC	PRECAST CONCRETE
C.H.R.	CLEAR HEAD ROOM	PL	PLATE
CIR.	CIRCLE	P.S.	PORCELAIN SOCKET
CL.	CENTER LINE	P&F	POUNDS PER SQUARE FOOT
CLG.	CEILING	P&I	POUNDS PER SQUARE INCH
CLR.	CLEAR - CLEARANCE	P.T.	PRE-TREATED
CMU	CONCRETE MASONRY UNIT	PLWD	PLYWOOD
COL	COLUMN		
CONC.	CONCRETE	QTY	QUANTITY
CONST	CONSTRUCTION		
CONT.	CONTINUOUS/CONTINUE	R	RISER
CPT	CARPET	RAD	RADIUS
CT	CERAMIC TILE	RD	ROOF DRAIN
D	DRYER	REV	REVISION
DBL.	DOUBLE	REF.	REFRIGERATOR
DIA.	DIAMETER	REF.	REFERENCE
DIM.	DIMENSION	REINF	REINFORCED
DN	DOWN	REQ.	REQUIRED
DR	DOOR	RH	RIGHT HAND
DWG	DRAWING	RM	ROOM
		R.O.	ROUGH OPENING
EA	EACH	R.V.	RADON VENT
ELEC.	ELECTRIC/ELECTRICAL	SCD	SMOKE/CARBON MONOXIDE COMBO DETECTOR
ELEV.	ELEVATION	SD	SMOKE DETECTOR
ENG.	ENGINEER	SF	SQUARE FOOT/FEET
EQ.	EQUAL	SGL	SINGLE
EXH.	EXHAUST	SHEATH	SHEATHING
EXIST.	EXISTING	SHT	SHEET
EXT.	EXTERIOR	SIM	SIMILAR
		SPEC	SPECIFICATION
FD	FLOOR DRAIN	SQ.	SQUARE
FDN	FOUNDATION	SS	STAINLESS STEEL
FFE	FINISHED FLOOR ELEVATION	STD	STANDARD
FLG	FLOORING	STL	STEEL
FLR	FLOOR	STOR	STORAGE
FLOUR.	FLUORESCENT	STRUCT	STRUCTURAL
FRIG.	REFRIGERATOR		
FT	FOOT - FEET	T	TREAD
FTG.	FOOTING	T.O.	TOP OF
FUT.	FUTURE	TEL	TELEPHONE
FURN.	FURNACE	T&G	TONGUE & GROOVE
		THRU	THROUGH
GALV.	GALVANIZED	TRT'D	TREATED
GL	GLASS	TYP.	TYPICAL
GYP. BD.	GYP. BOARD	UNEXC	UNEXCAVATED
		UNO	UNLESS NOTED OTHERWISE
HORIZ.	HORIZONTAL	VERT.	VERTICAL
HDR.	HEADER	V.T.	VINYL TILE
HT.	HEIGHT		
HVAC	HEATING/VENTILATION/AIR CONDITIONING	W	WASHER
		W	WIDTH
ICF	INSULATED CONCRETE FORMS	W/	WITH
INCH	INCH	WD	WOOD
INCL.	INCLUDING	WDW	WINDOW
INFO	INFORMATION	W.H.	WATER HEATER
INSUL	INSULATION	W/O	WALK OUT
INT	INTERIOR	WF	WATERPROOFING
		WT	WEIGHT
JT.	JOINT	YD.	YARD
KIT.	KITCHEN		
LAM.	LAMINATE/LAMINATED		
LB.	FOUND		
LH	LEFT HAND		
LIN.	LINEAR		
LL	LIVE LOAD		

MATERIALS

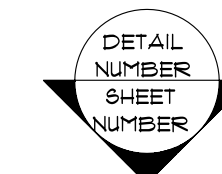
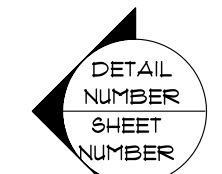
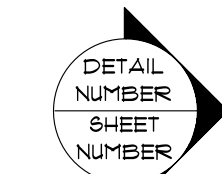
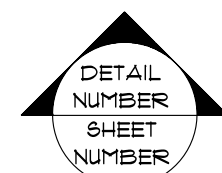
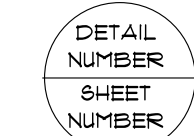
	ASPHALT SHINGLES
	CONCRETE
	PORCH LATTICE
	RIGID INSULATION @ RIM
	RIGID INSULATION @ FOUNDATION / FOAM WALL SHEATHING
	WALL OR ATTIC INSULATION
	WOOD BLOCKING
	WOOD GRAIN

WALL TYPES

"SEE PLAN FOR WALL SIZE"

	POURED CONCRETE WALL
	REWARD WALL - ICF
	GARAGE WALL
	HOUSE - GARAGE WALL
	EXTERIOR WALL
	PRIVACY WALL (TWIN HOMES)
	PARTY WALL (TWIN HOMES)
	INTERIOR WALL
	INTERIOR HALF WALL
	INTERIOR SLOPED WALL
	INTERIOR BEARING WALL
	INTERIOR FUTURE WALL
	EXISTING WALL

SECTION/ ELEVATION/ DETAIL



BUILDING INFO:

APPLICABLE BUILDING CODES

2015 MINNESOTA ENERGY CODE
(BASED ON 2012 IECC)

2020 MINNESOTA RESIDENTIAL CODE
(BASED ON 2018 IRC)

SQUARE FOOTAGE

*SQUARE FOOTAGE INCLUDES WALLS.
-AT FOUNDATION SQ. FT. IS MEASURED FROM OUTSIDE OF INSUL.
-AT 1ST & 2ND FLOORS IT IS MEASURED FROM OUTSIDE OF WALL SHEATHING.

BASEMENT	879 SQ. FT. (UNFINISHED)
BASEMENT	252 SQ. FT. (FINISHED)
MAIN FLOOR	1,131 SQ. FT. (FINISHED)
TOTAL FINISHED:	1,383 SQ. FT.

GROSS SQ. FT.: 2,262

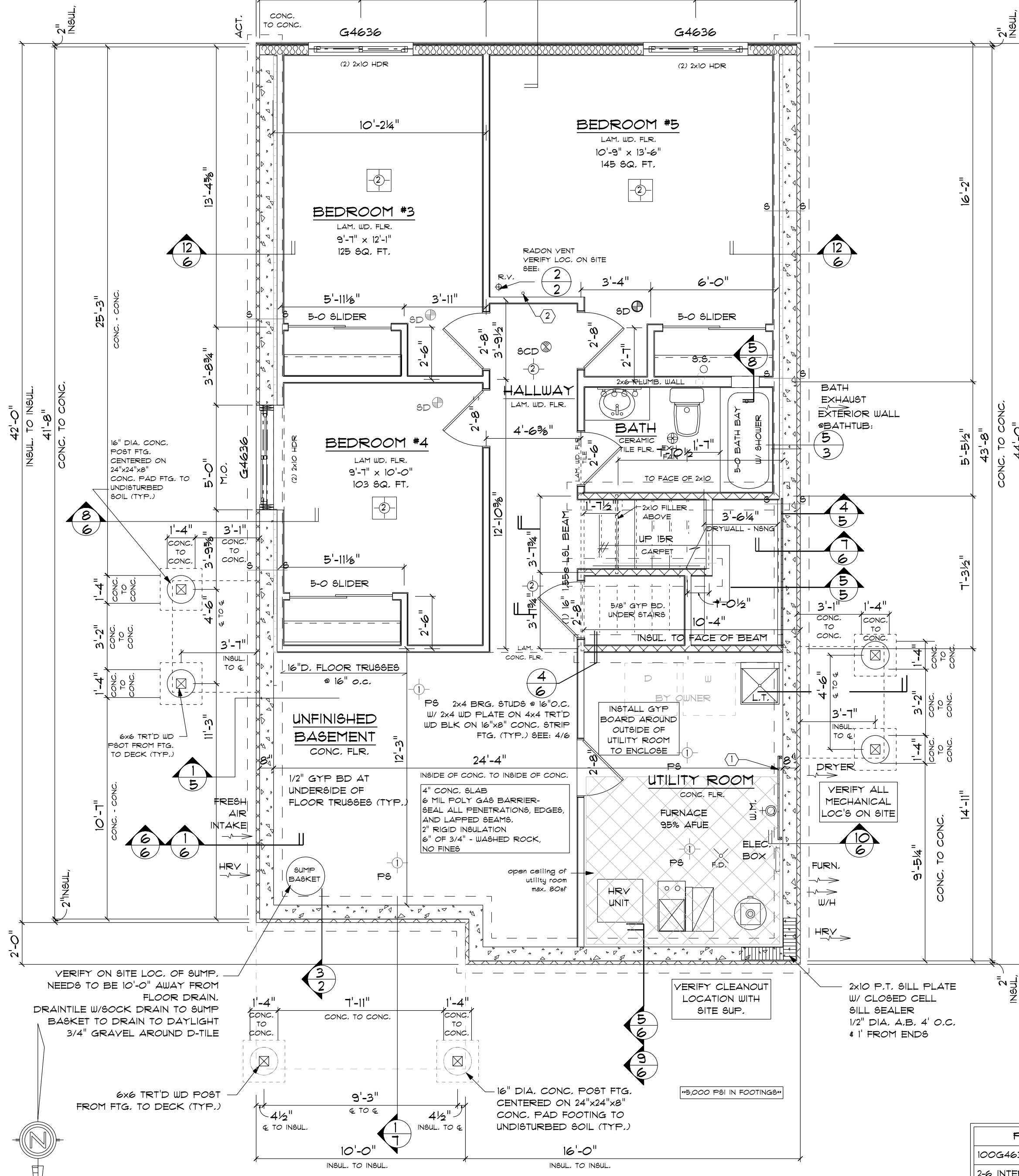
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MODEL: 2TR4-2
243 W. PANTHER DR.
ELLSWORTH, WI 54011

TITLE SHEET

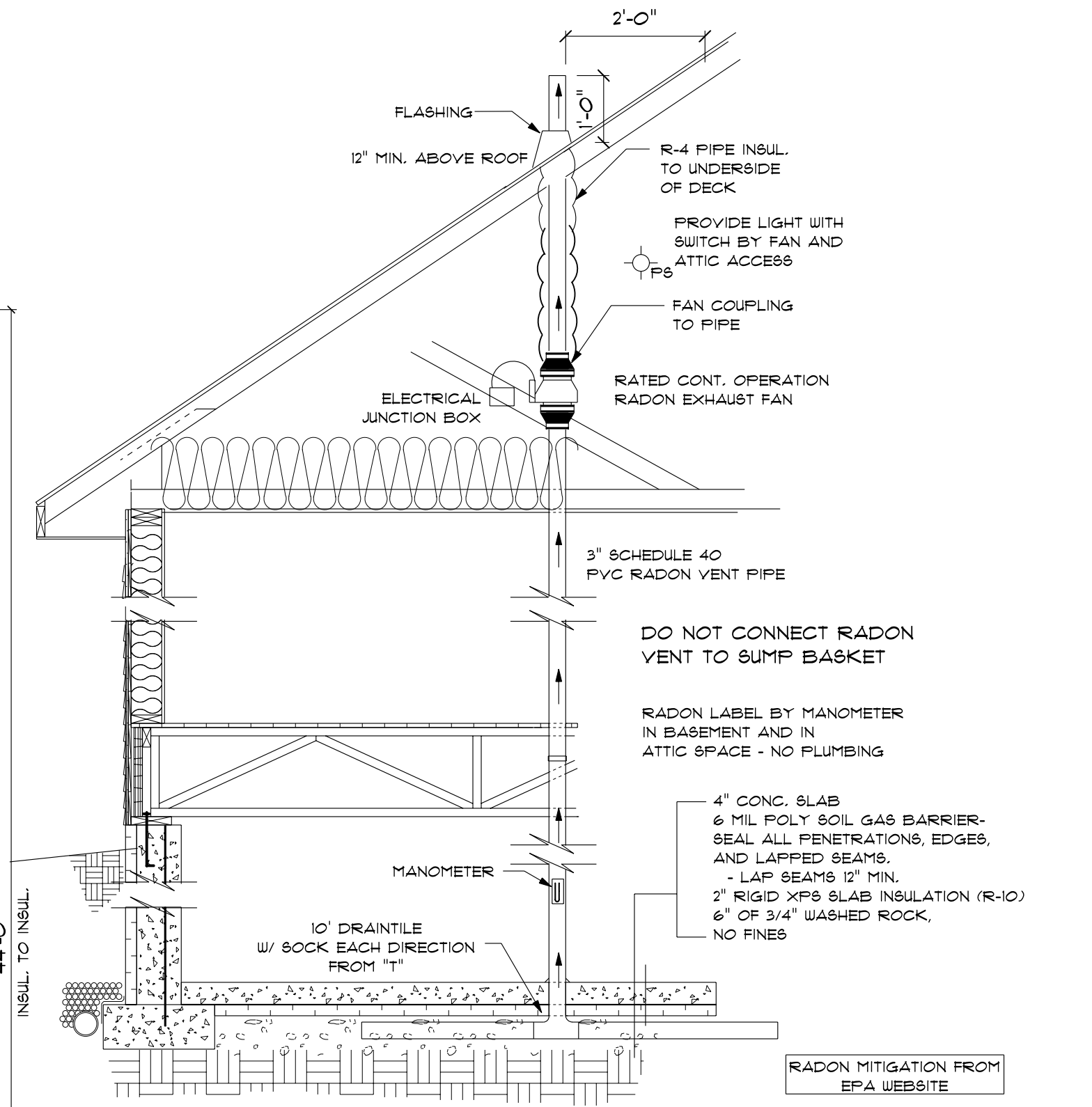
749 RYAN DR.
HUDSON, WI 54016
OFFICE: 715-350-8575
INFO@SCVHABITAT.ORG



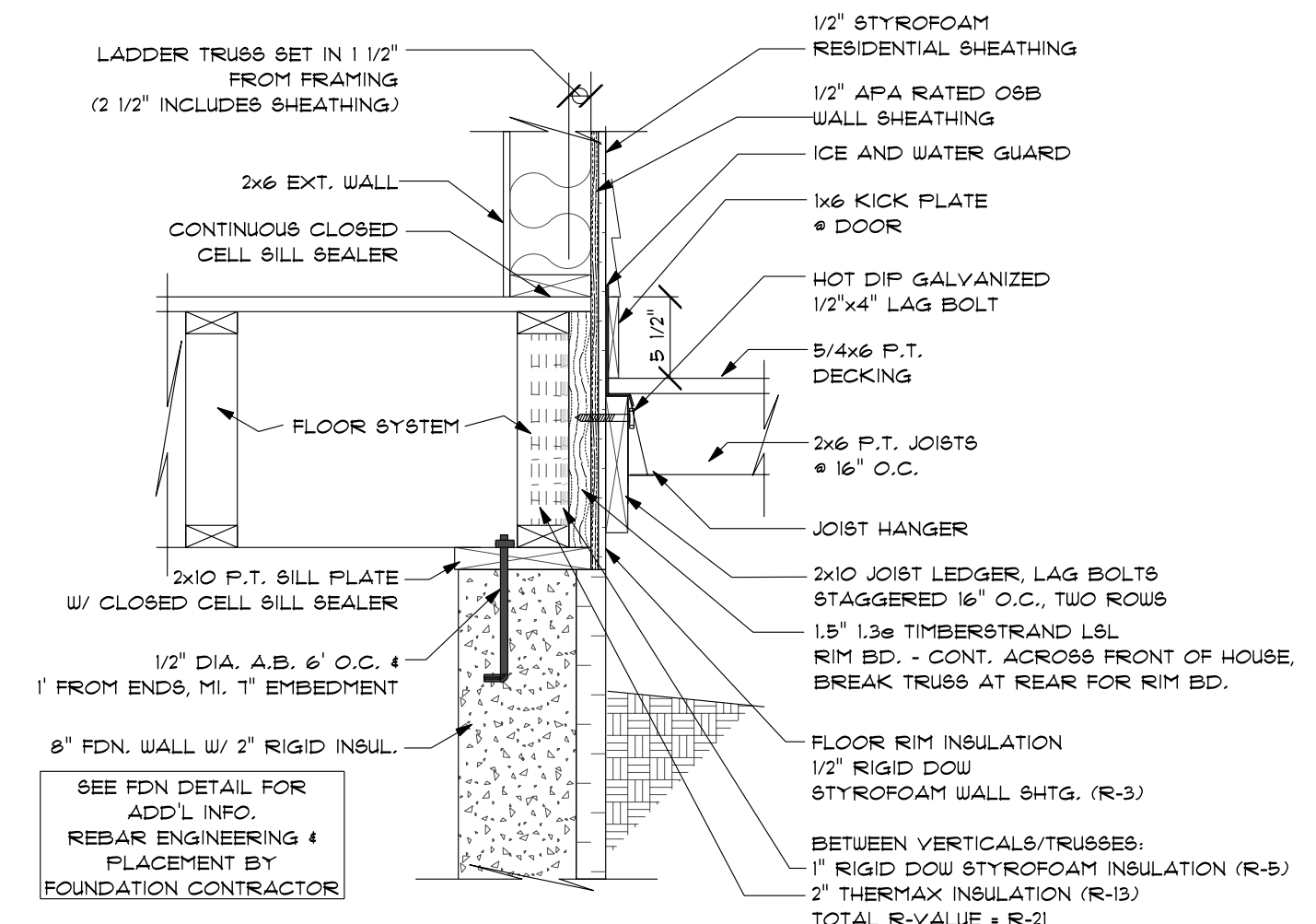
- ① INSTALL 4'x4' x 3/4" PLYWD FOR FUTURE SOLAR PANEL CONTROLS
- ② 1" - 1.5" PVC CONDUIT FOR SOLAR READY TO ATTIC. CAP OFF END IN ATTIC



① FOUNDATION PLAN
2 1/4" = 1'-0"



② ACTIVE RADON VENT DETAIL
2 1/2" = 1'-0"



③ DECK/HOUSE DETAIL
2 SCALE: 1" = 1'-0"

FOUNDATION OPENING SCHEDULE

PRODUCT CODE	TYPE	HINGE DIRECTION	CONC. OPENING	R.O. SIZE	COUNT	EGRESS	COLOR	COMMENTS
100G4636	GLIDING WINDOW	NN	M.O. 5'-0" x 3'-9"	R.O. 4'-6" x 3'-6"	3	YES	WHITE	-
2-6	INTERIOR DOOR RH FLUSH	R	-	R.O. 2'-8"	1	-	-	-
2-8	INTERIOR DOOR LH FLUSH	L	-	R.O. 2'-10"	3	-	-	-
2-8	INTERIOR DOOR RH FLUSH	R	-	R.O. 2'-10"	2	-	-	-
5-0	BY PASS DOOR	NN	-	R.O. 4'-11 1/2"	3	-	-	-

REVISIONS:

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DRAWN BY: M. RICE

DATE: 10-2-23

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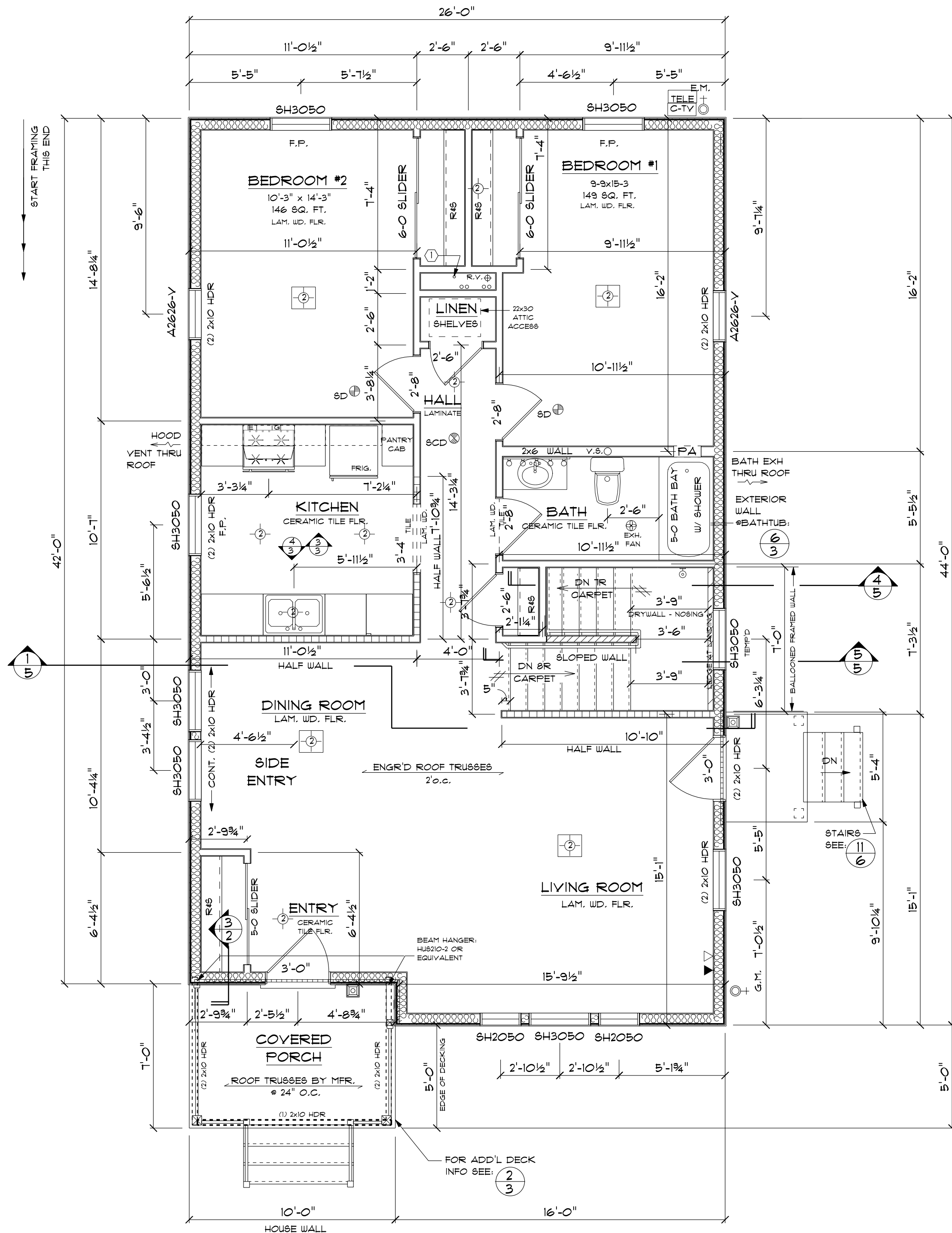
SINGLE FAMILY DWELLING SITE: xxxx
MODEL: 2TR4-2
PANTHER ELLSWORTH PROJECT
ELLSWORTH, WI 54011

FOUNDATION PLAN

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HUDSON, WI 54016
OFFICE: 715-350-8575
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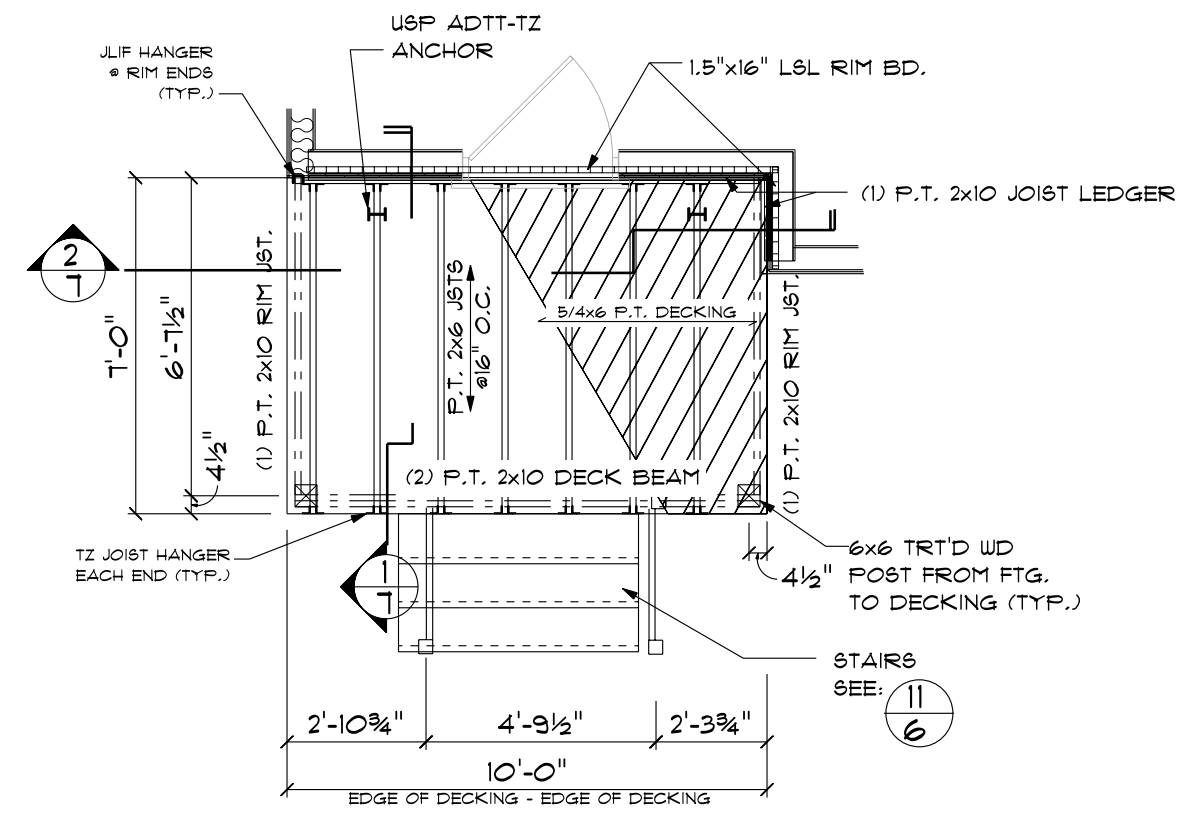


① 1" - 1.5" PVC CONDUIT FOR SOLAR READY TO ATTIC. CAP OFF END IN ATTIC.

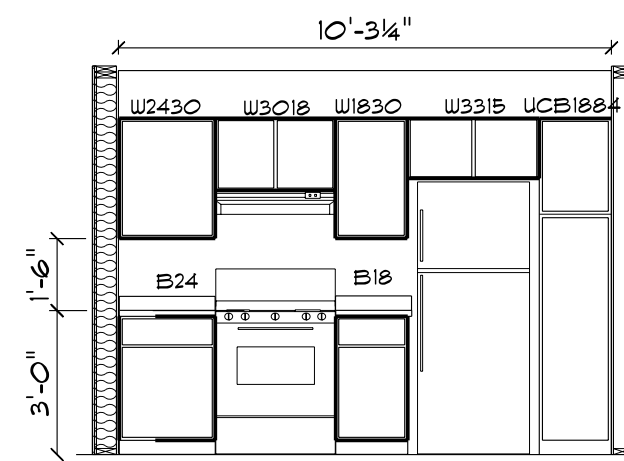


WINDOW HEADERS:
 (1) 2x10 W/
 4" RIGID FOAM
 SEE DETAIL 2/5
 TYP. UNLESS NOTED.

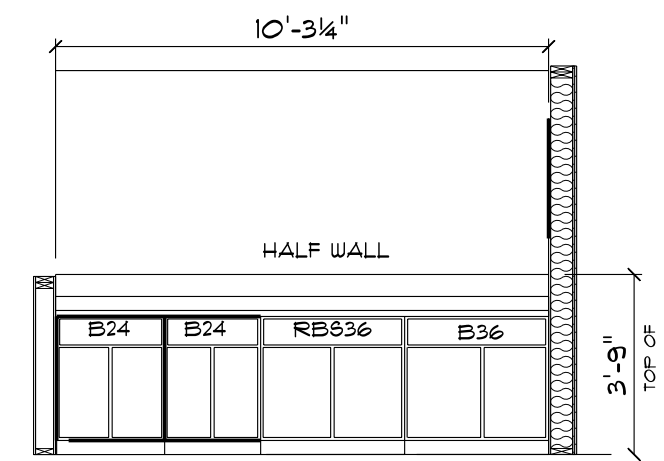
① FIRST FLOOR PLAN
 3/4" = 1'-0"



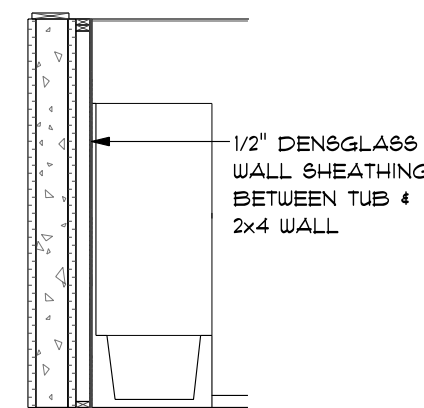
② FRONT PORCH PLAN
 1/4" = 1'-0"



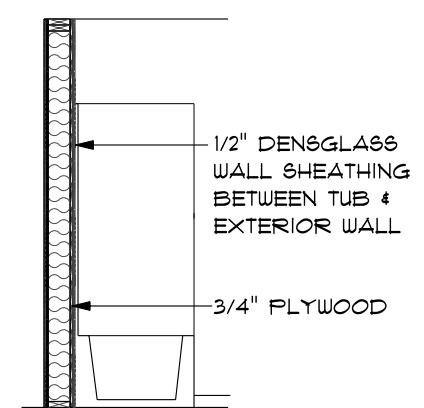
③ CABINET ELEVATION
 1/4" = 1'-0"



④ CABINET ELEVATION
 1/4" = 1'-0"



⑤ BASEMENT BATHTUB
 3/8" SCALE: 1/4" = 1'-0"



⑥ BATHTUB DETAIL
 3/8" SCALE: 1/4" = 1'-0"

FIRST FLOOR OPENING SCHEDULE

PRODUCT CODE	TYPE	HINGE DIRECTION	R.O. SIZE	COUNT	F.P. - FALL PREVENTION DEVICE	EGRESS	COLOR	COMMENTS
100A2626-V	AWING	VENTING	R.O. 2'-6" x 2'-6"	2	-	NO	WHITE	*100 SERIES
1008H2050	SINGLE HUNG	N	R.O. 2'-0" x 5'-0"	2	-	NO	WHITE	*100 SERIES
1008H3050	SINGLE HUNG	N	R.O. 3'-0" x 5'-0"	1	3	YES	WHITE	*100 SERIES
1008H3050 TEMP'D	SINGLE HUNG	N	R.O. 3'-0" x 5'-0"	1	-	YES	WHITE	*100 SERIES
3-0 ENTRY DOOR 2x6 LH	DOOR	L	R.O. 3'-2 1/2"	1	-	-	-	-
3-0 ENTRY DOOR 2x6 RH	DOOR	R	R.O. 3'-2 1/2"	1	-	-	-	-
2-6 INTERIOR DOOR LH FLUSH	DOOR	L	R.O. 2'-8"	1	-	-	-	-
2-6 INTERIOR DOOR RH FLUSH	DOOR	R	R.O. 2'-8"	1	-	-	-	-
2-8 INTERIOR DOOR LH FLUSH	DOOR	L	R.O. 2'-10"	1	-	-	-	-
2-8 INTERIOR DOOR RH FLUSH	DOOR	R	R.O. 2'-10"	2	-	-	-	-
5-0 BY PASS DOOR	SLIDING DOOR	NN	R.O. 4'-11"	1	-	-	-	-
6-0 BY PASS DOOR	SLIDING DOOR	NN	R.O. 5'-11"	2	-	-	-	-

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SINGLE FAMILY DWELLING SITE: xxxx

MODEL: 2TR4-2

243 W. PANTHER DR.
 ELLSWORTH, WI 54011

FIRST FLOOR PLAN

749 RYAN DR.
 HUDSON, WI 54016
 OFFICE: 715-350-8575
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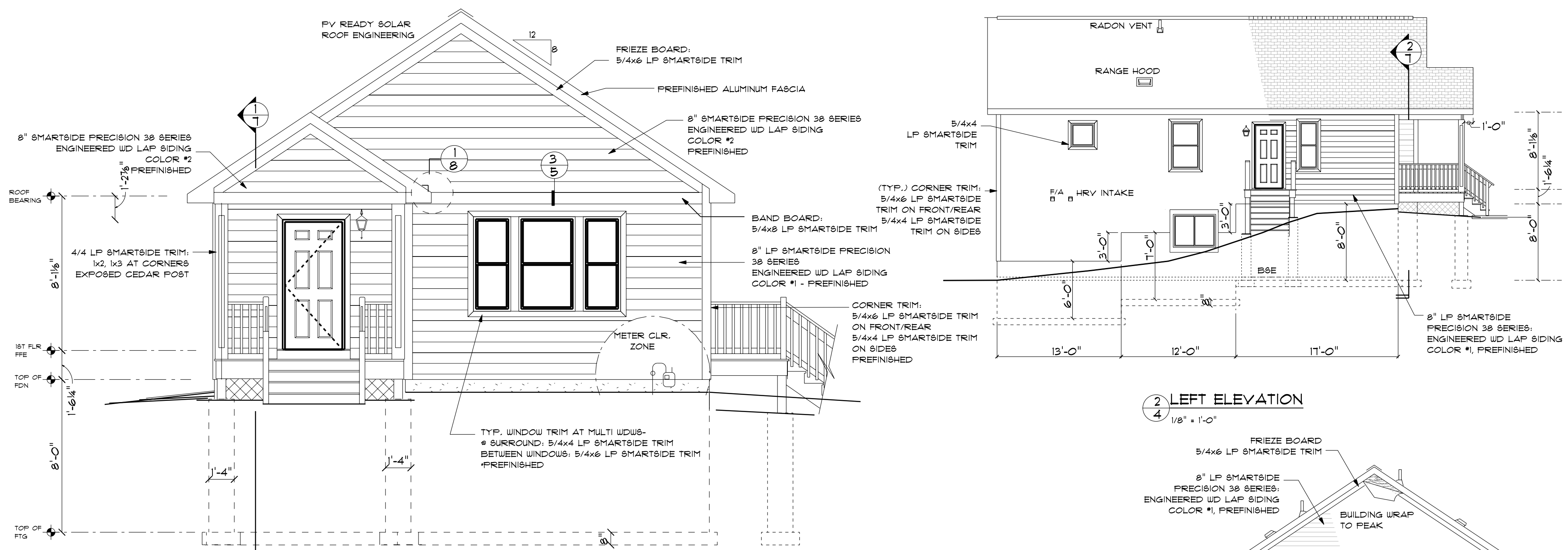
MODEL: 2TR4-2
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EXTERIOR ELEVATIONS

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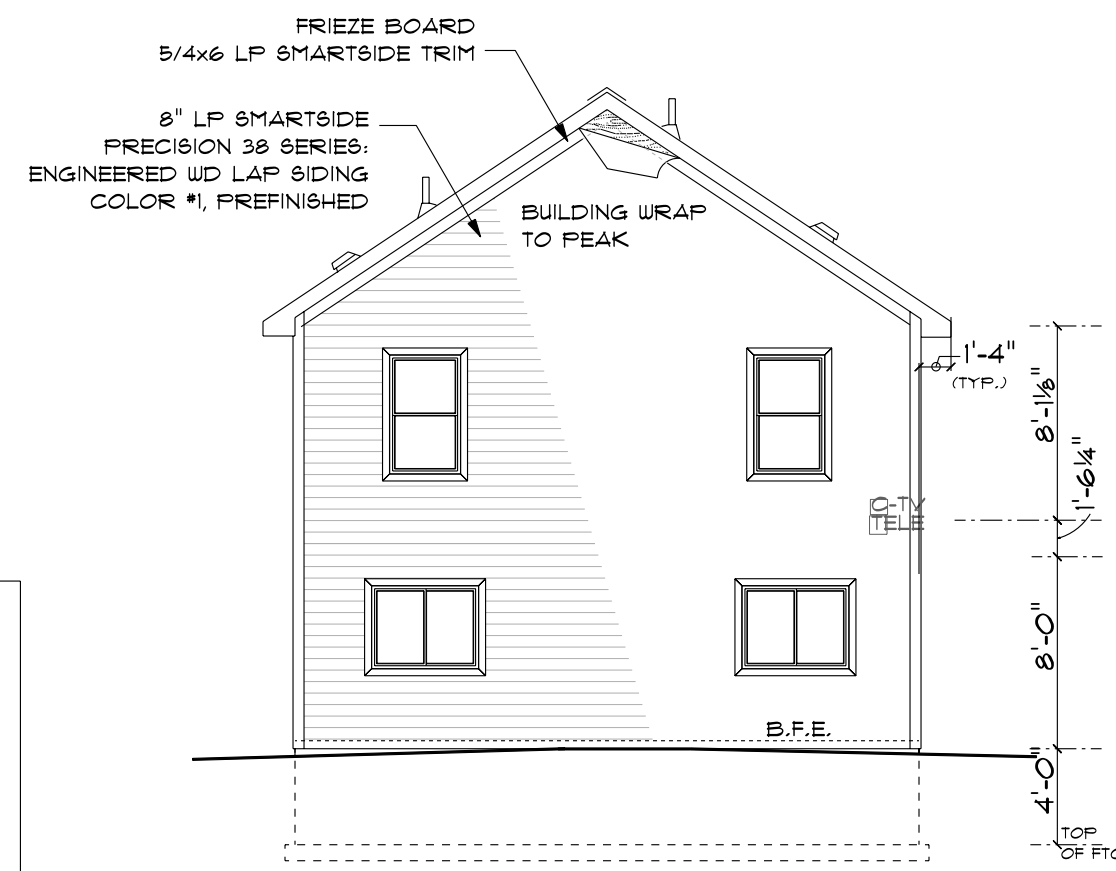
OFFICE: 715-350-8575

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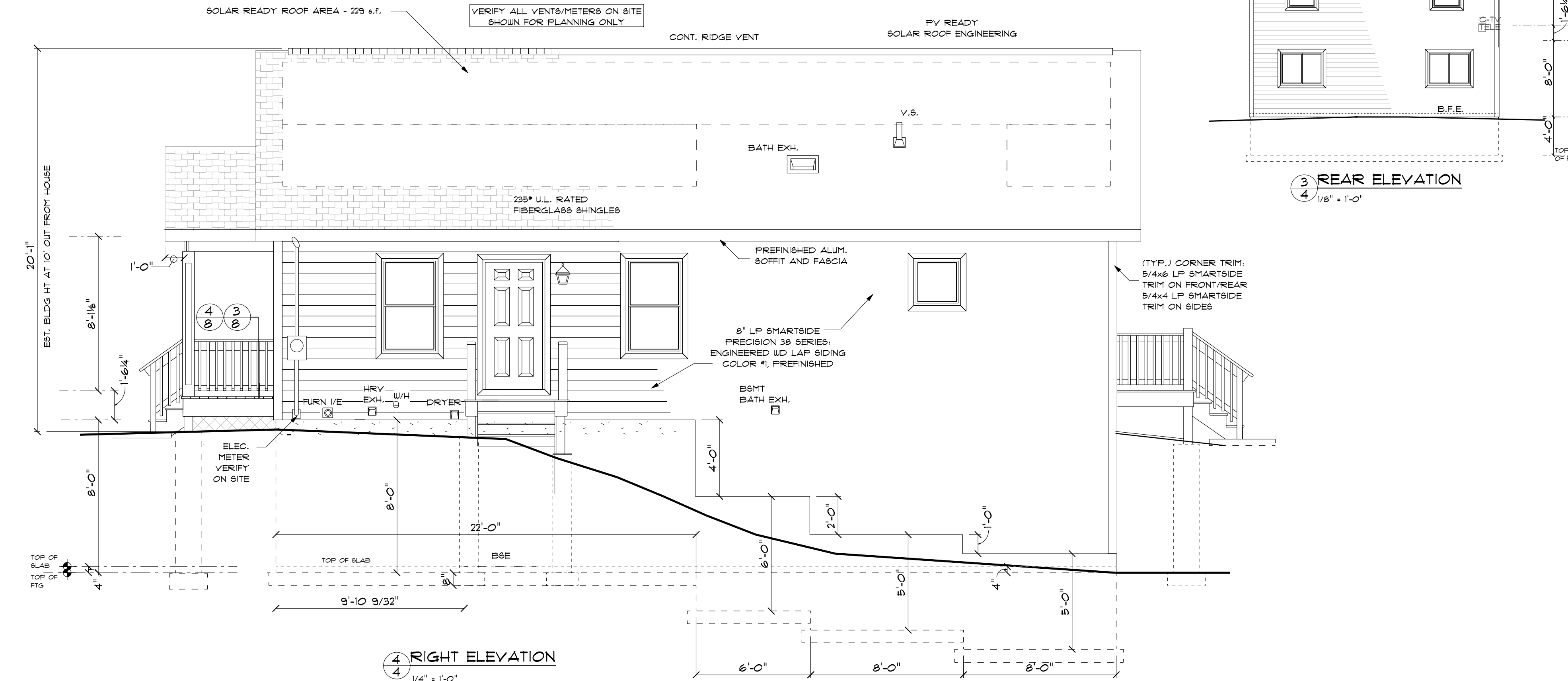


1
4 FRONT ELEVATION
1/4" = 1'-0"

2
4 LEFT ELEVATION
1/8" = 1'-0"



3
4 REAR ELEVATION
1/8" = 1'-0"



4
4 RIGHT ELEVATION
1/4" = 1'-0"

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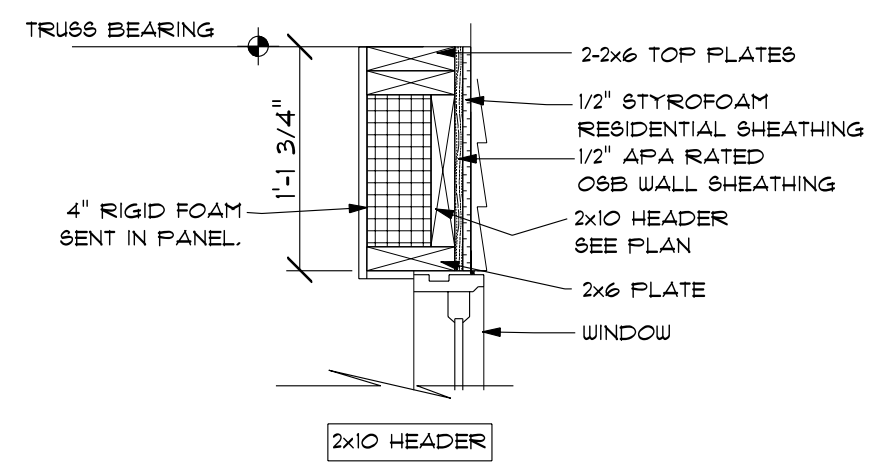
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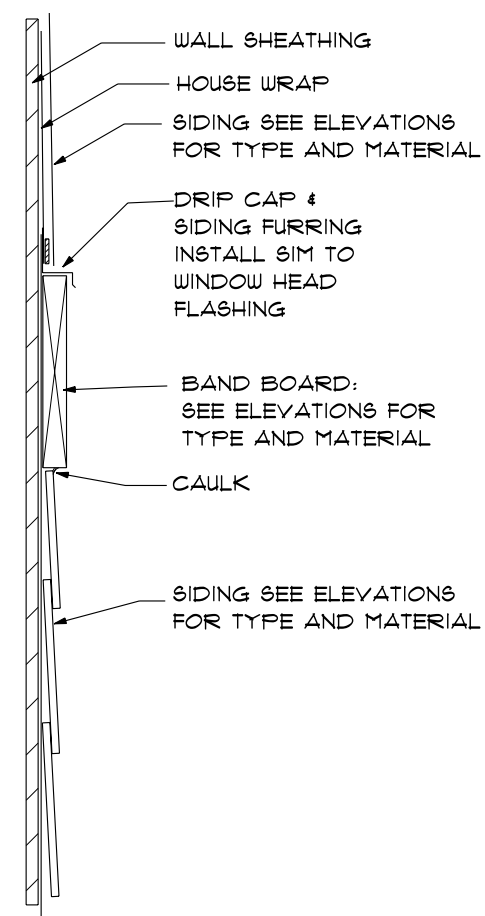
SINGLE FAMILY DWELLING SITE: xxxx
MODEL: 2TR4-2
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STAIR & BUILDING SECTIONS

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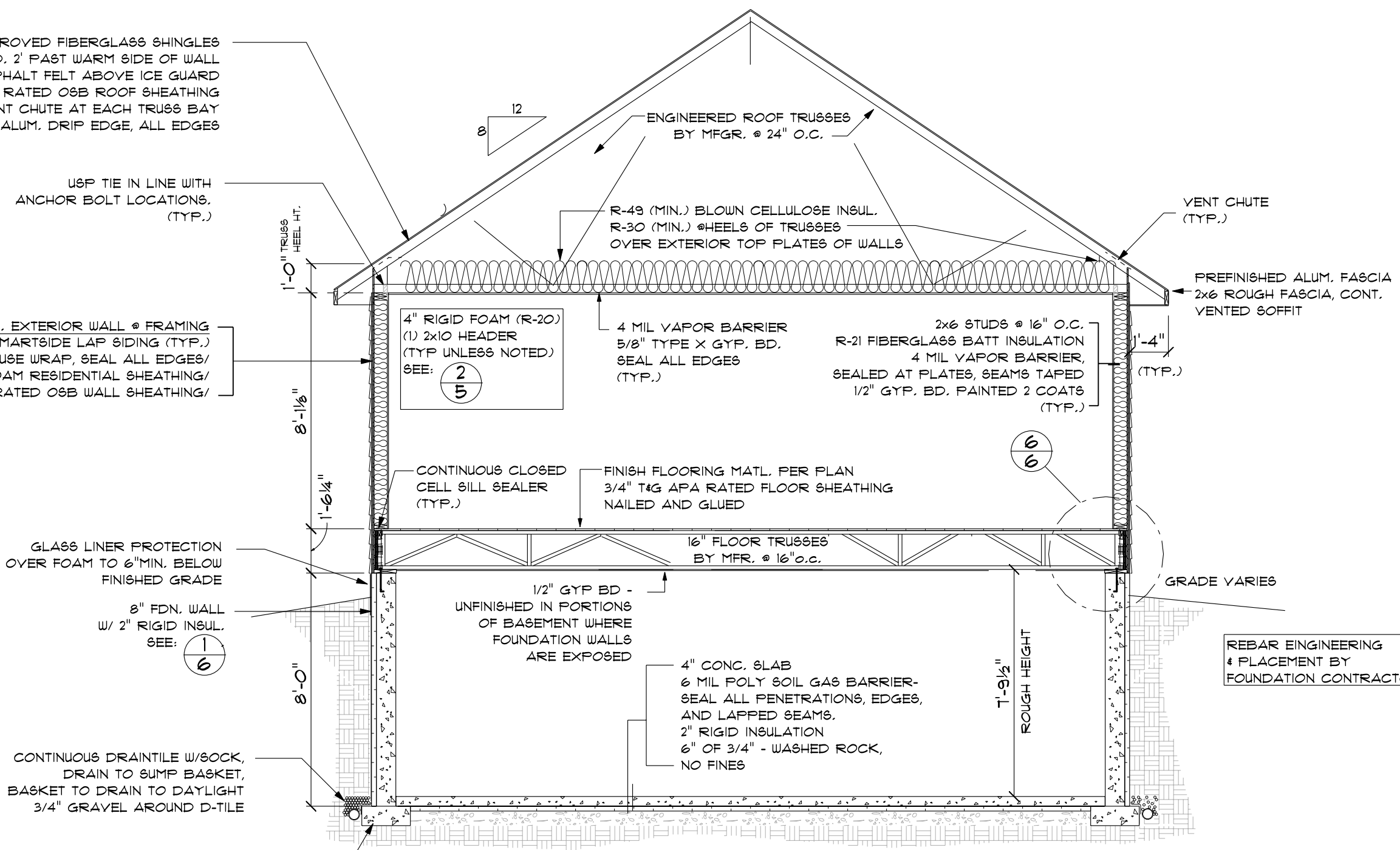


2 EXTERIOR HDR DETAIL
SCALE: 1" = 1'-0"

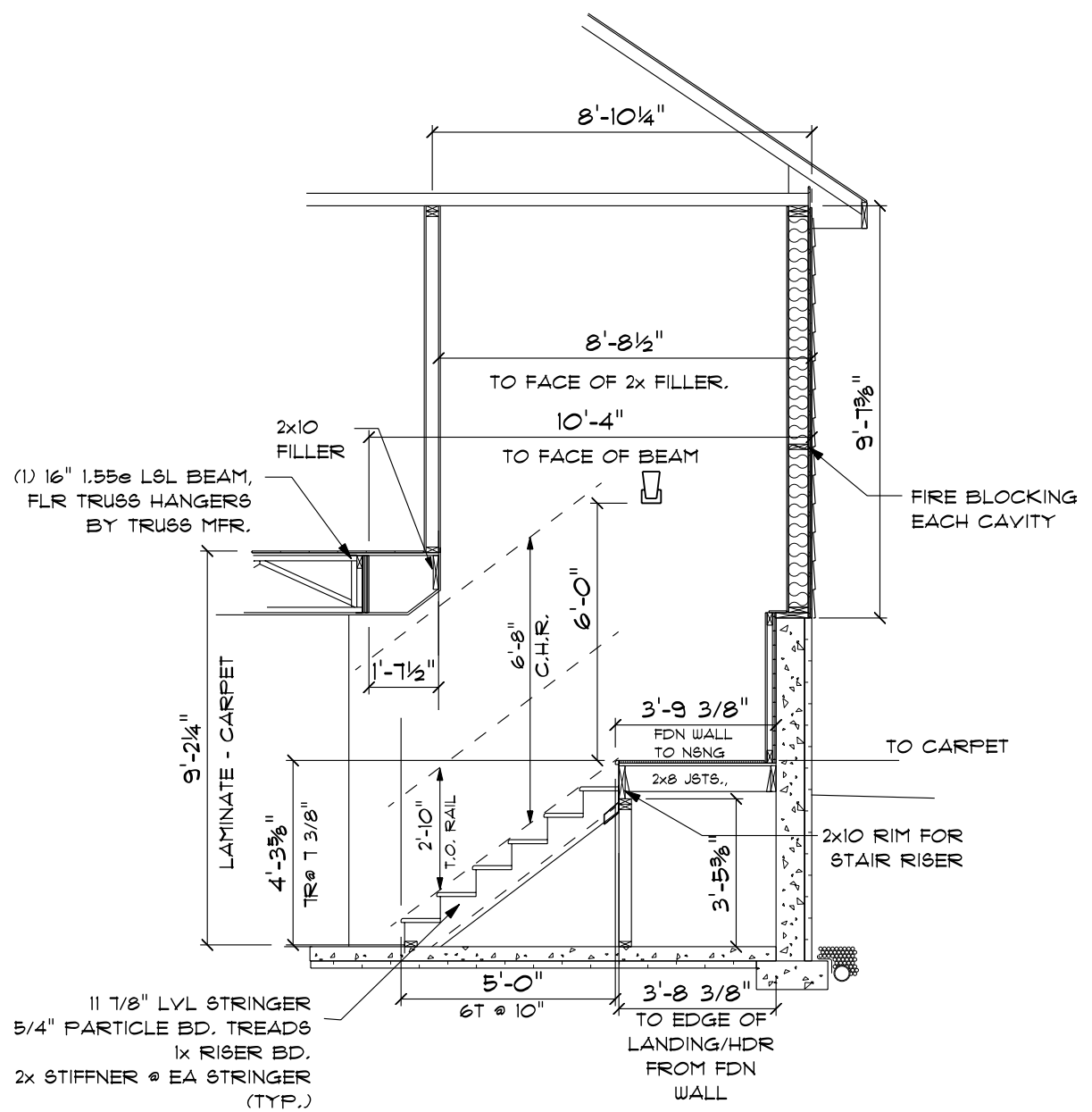


3 SIDING TRANSITION DETAIL
N.T.S.

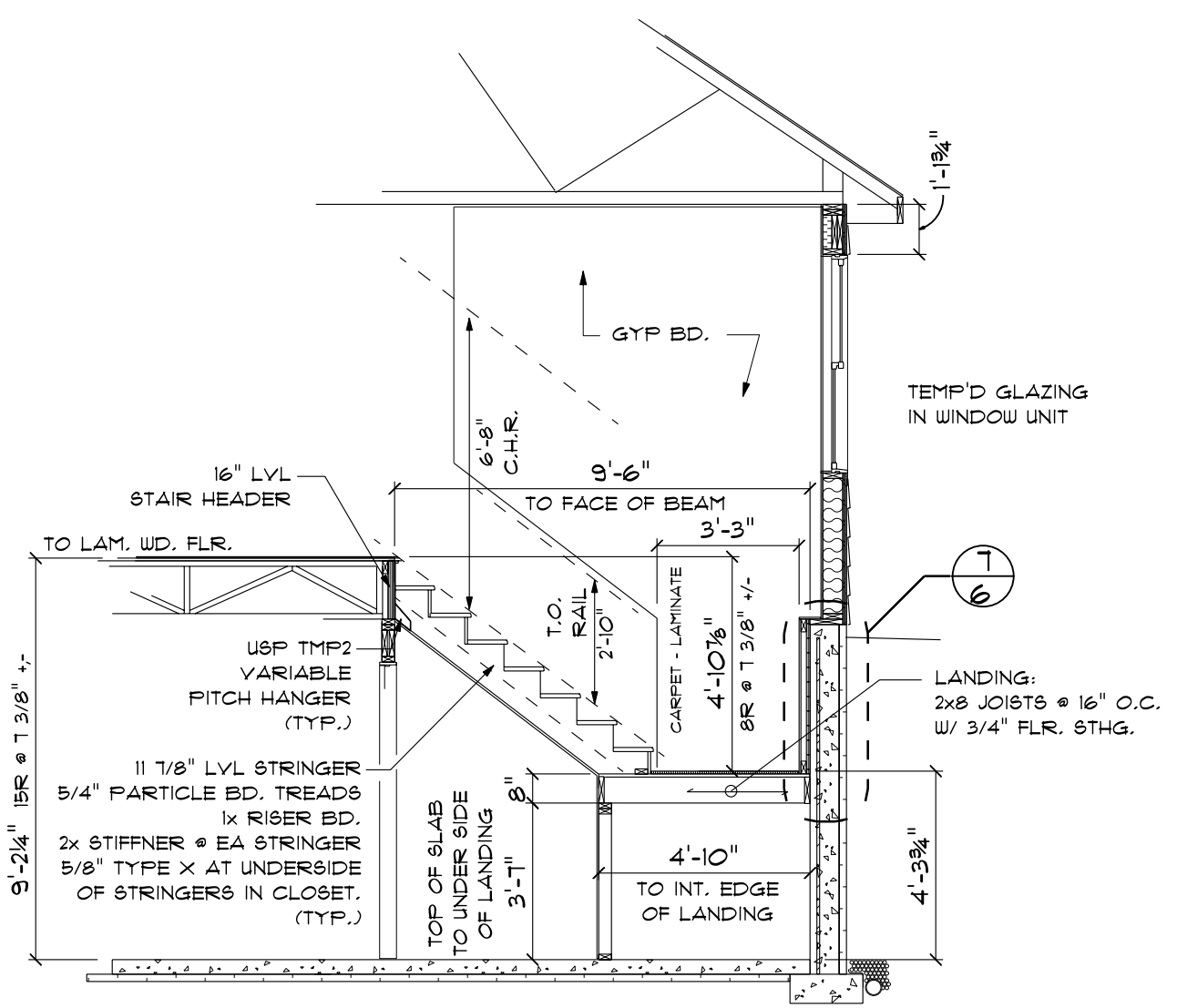
235+ U.L. APPROVED FIBERGLASS SHINGLES
ICE AND WATER SHIELD, 2' PAST WARM SIDE OF WALL
15' ASPHALT FELT ABOVE ICE GUARD
1/2" APA RATED OSB ROOF SHEATHING
WINDWASH WITH VENT CHUTE AT EACH TRUSS BAY
PREFINISHED ALUM. DRIP EDGE, ALL EDGES



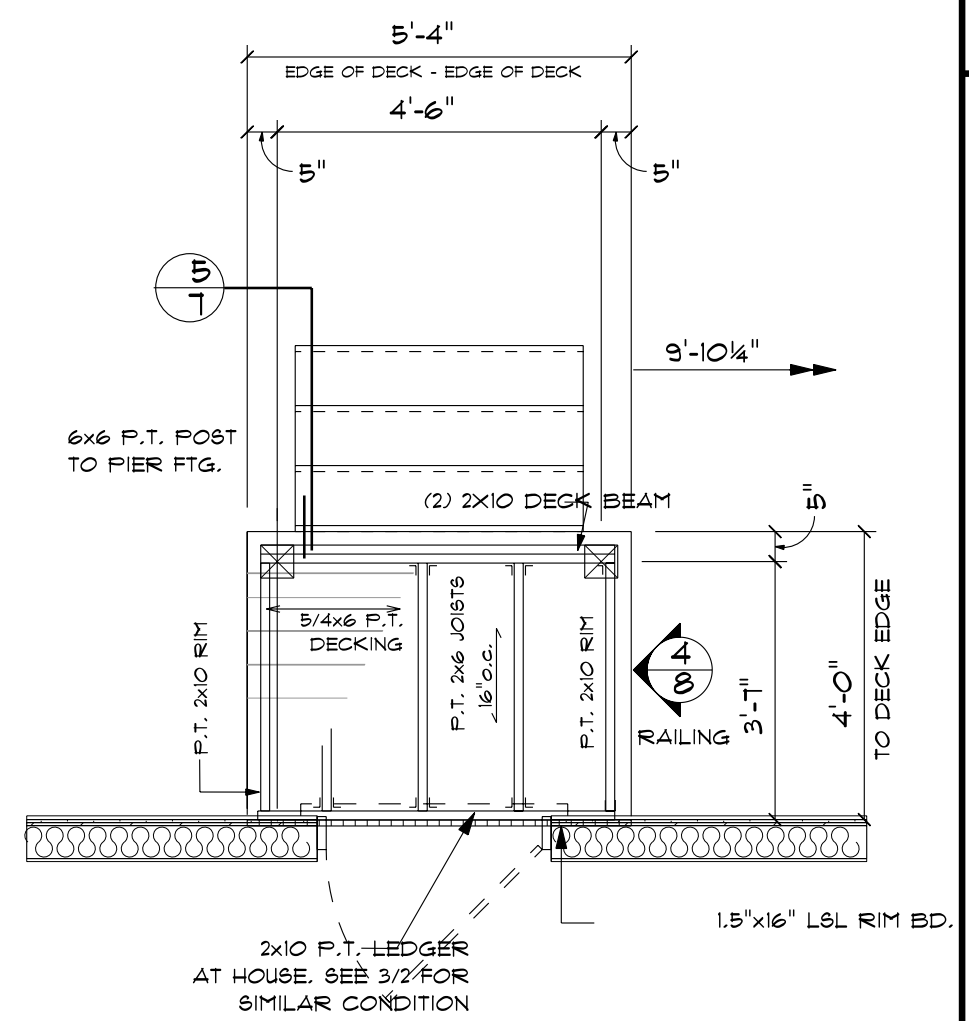
5 BUILDING SECTION
SCALE: 1/4" = 1'-0"



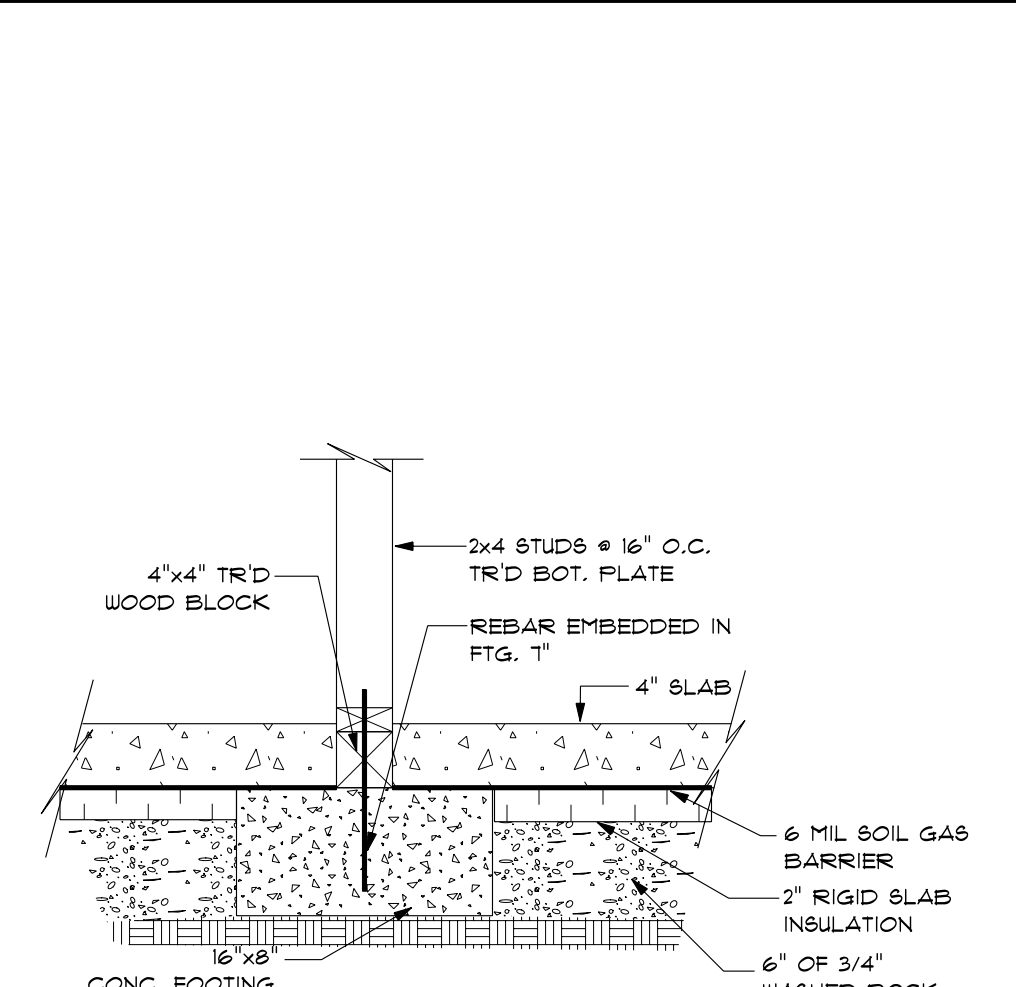
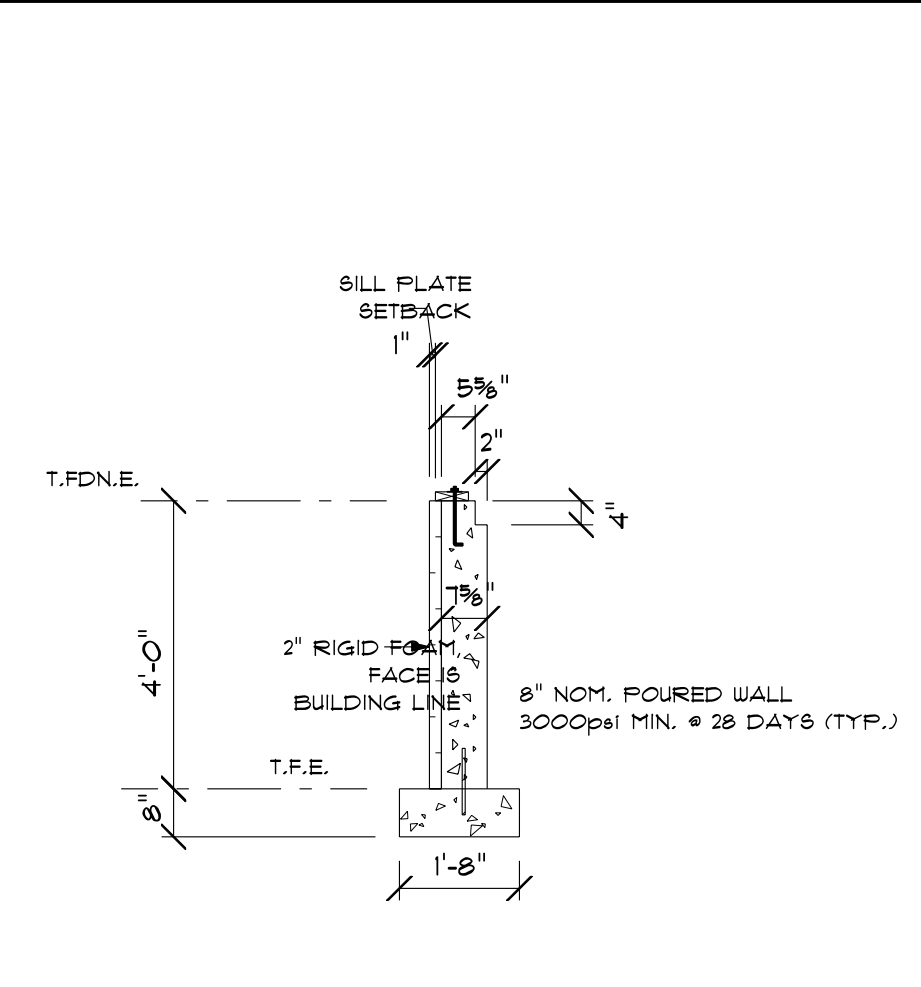
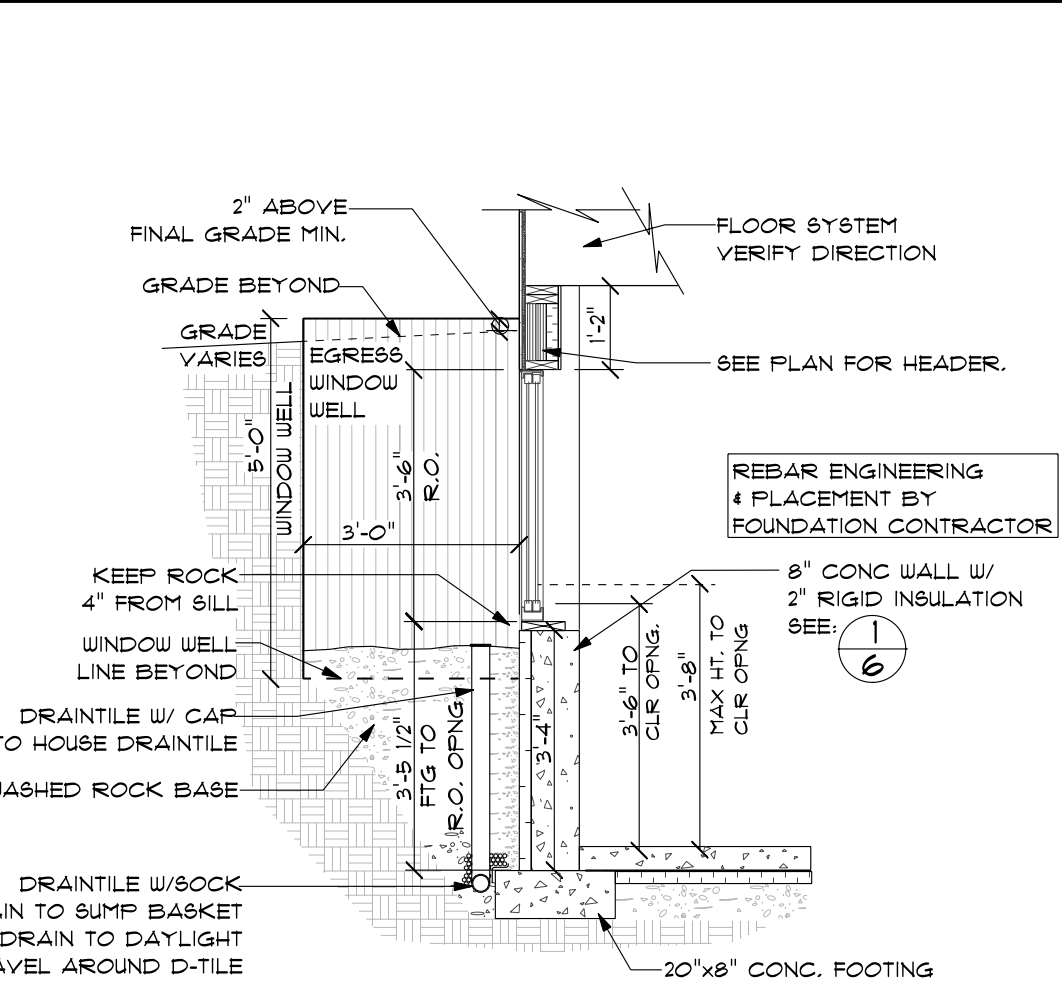
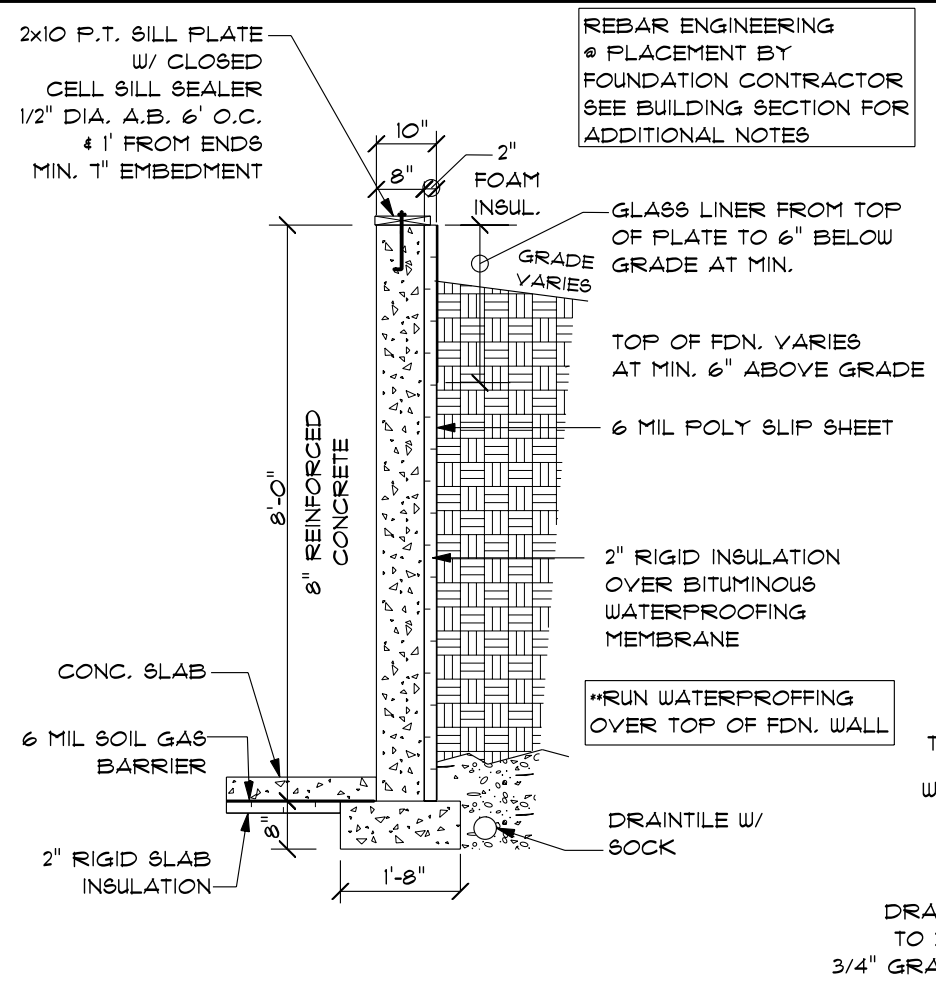
4 STAIR SECTION
SCALE: 1/4" = 1'-0"



6 STAIR SECTION
SCALE: 1/4" = 1'-0"



7 SIDE ENTRY DECK DETAIL
3/8" = 1'-0"

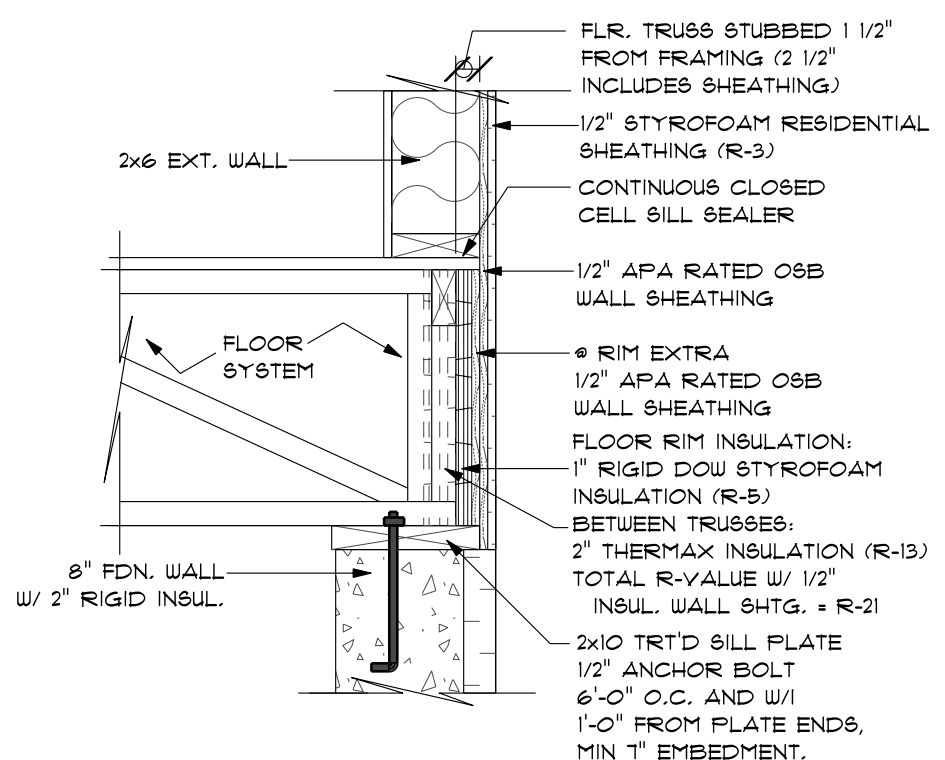
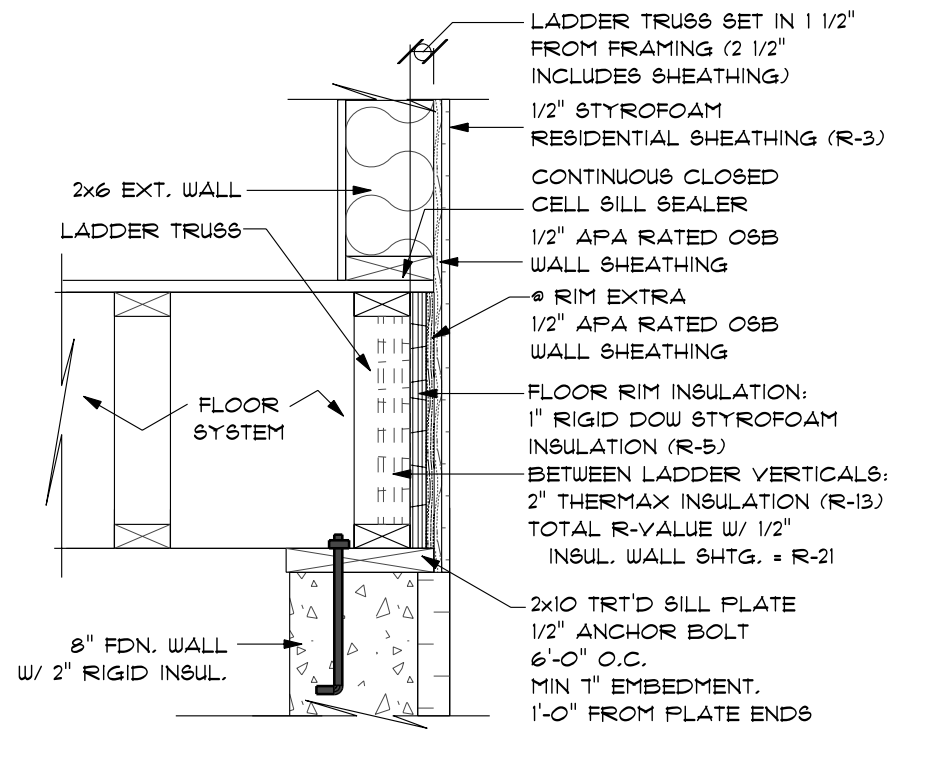


1 FOUNDATION WALL SECTION
SCALE: 3/8" = 1'-0"

2 SECTION @ EGRESS WINDOW
SCALE: 3/8" = 1'-0"

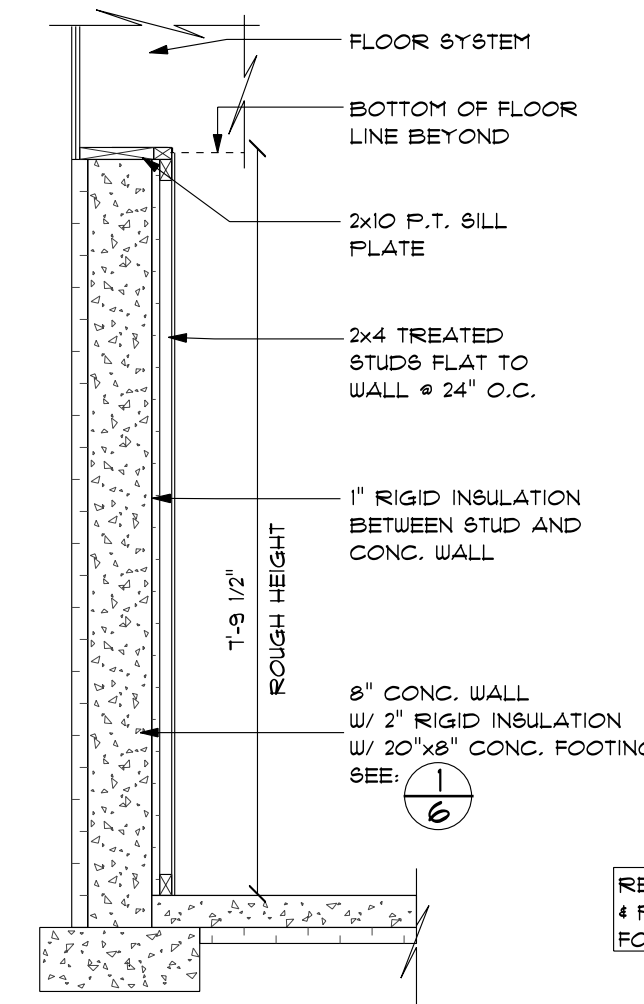
3 HOUSE FDN WALL
SCALE: 3/8" = 1'-0"

4 2x4 BEARING WALL DETAIL
SCALE: 1" = 1'-0"

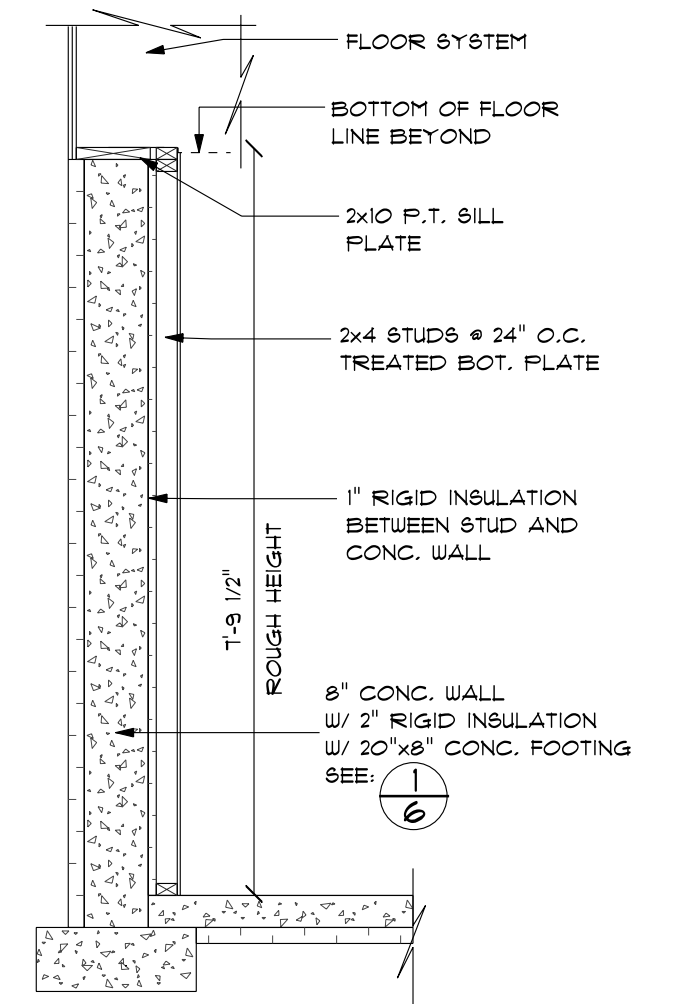


5 RIM @ LADDER TRUSS
SCALE: 1" = 1'-0"

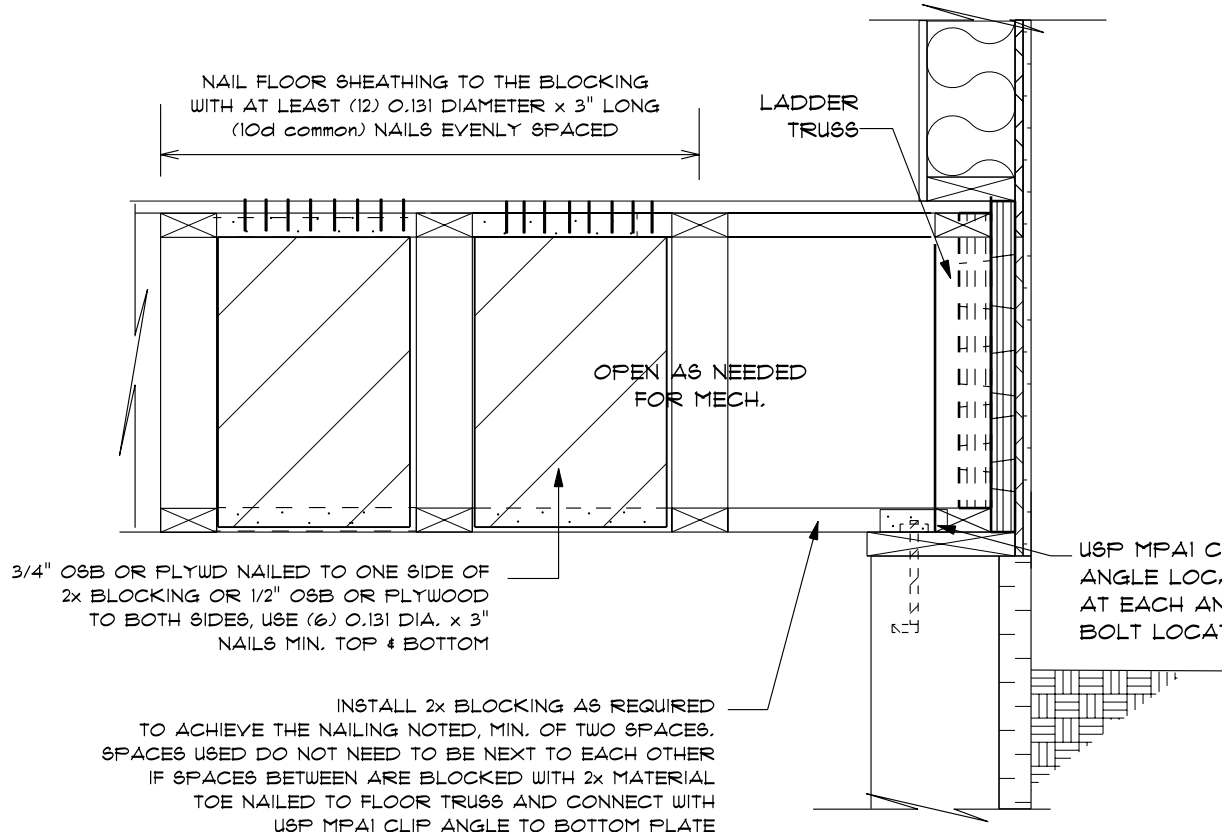
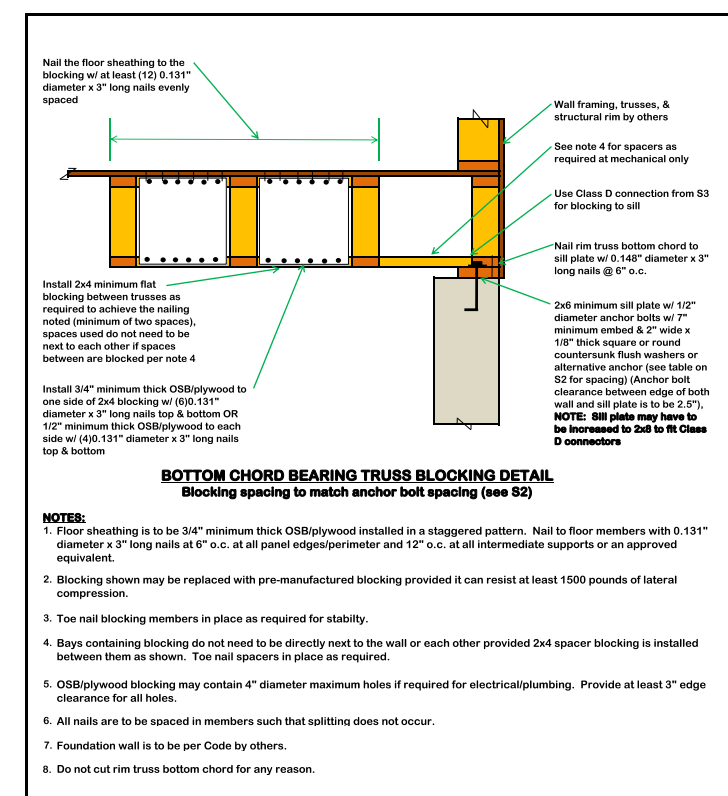
6 RIM @ TRUSS BEARING
SCALE: 1" = 1'-0"



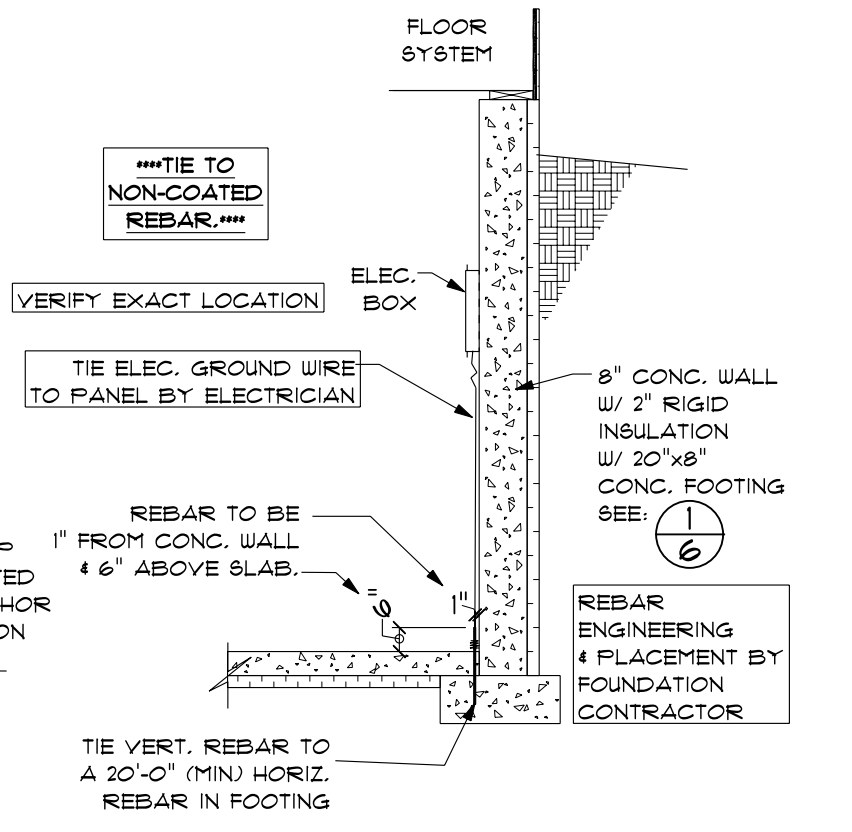
7 2x2 FURRED WALL DETAIL
SCALE: 1/2" = 1'-0"



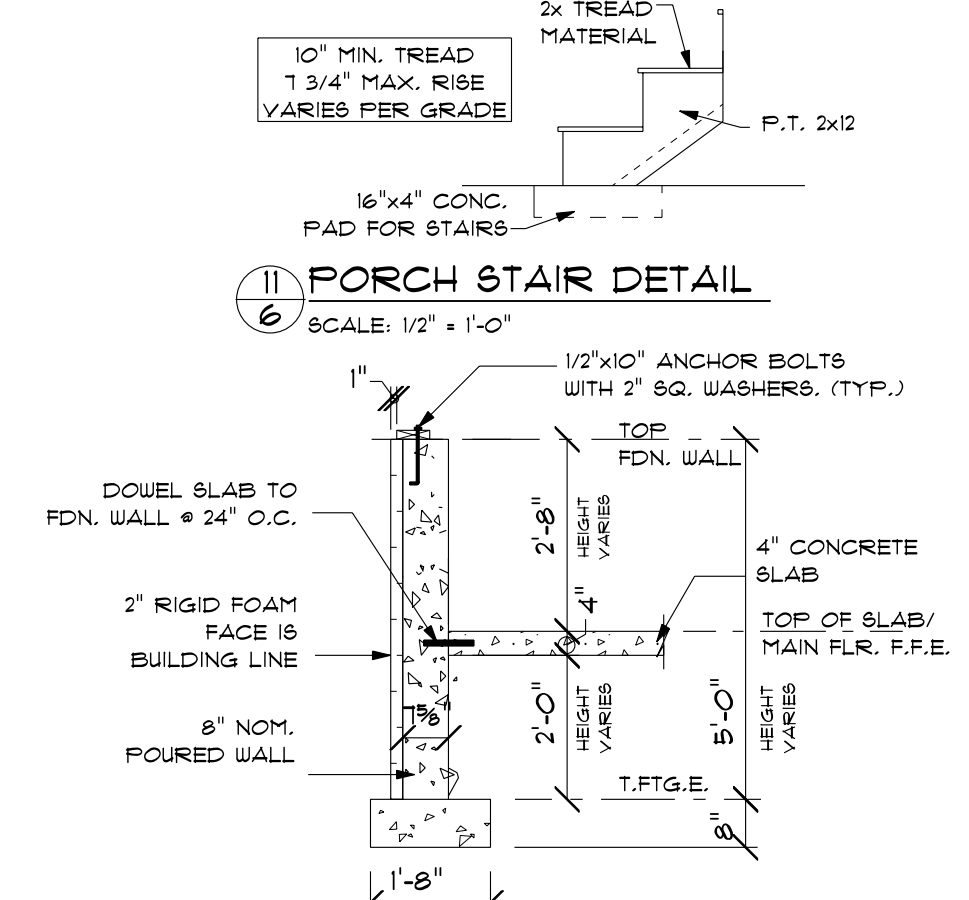
8 2x4 FURRED WALL DETAIL
SCALE: 1/2" = 1'-0"



9 PARALLEL FOUNDATION WALL BRACING DETAIL
SCALE: 1" = 1'-0"



10 ELEC. BOX DETAIL
SCALE: 3/8" = 1'-0"



12 HOUSE FDN WALL - DOWEL SLAB
SCALE: 3/8" = 1'-0"

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FOUNDATION & RIM DETAILS

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REVISIONS:

DATE	REVISION

DRAWN BY: M. RICE

DATE: 10-2-23

PLOT DATE: 11/3/2023

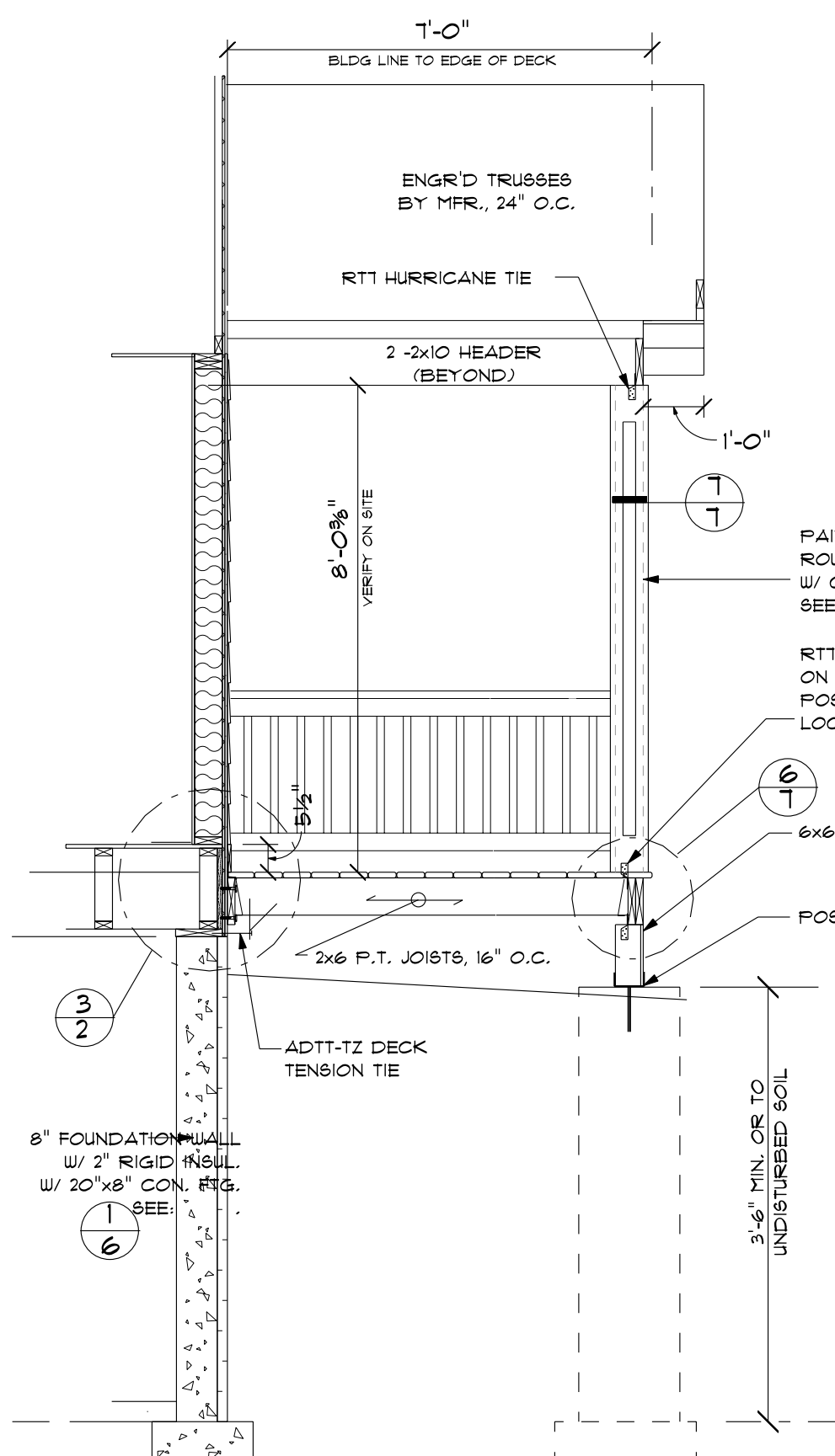
CHECKED BY: M. STEINER

SINGLE FAMILY DWELLING SITE: xxxx

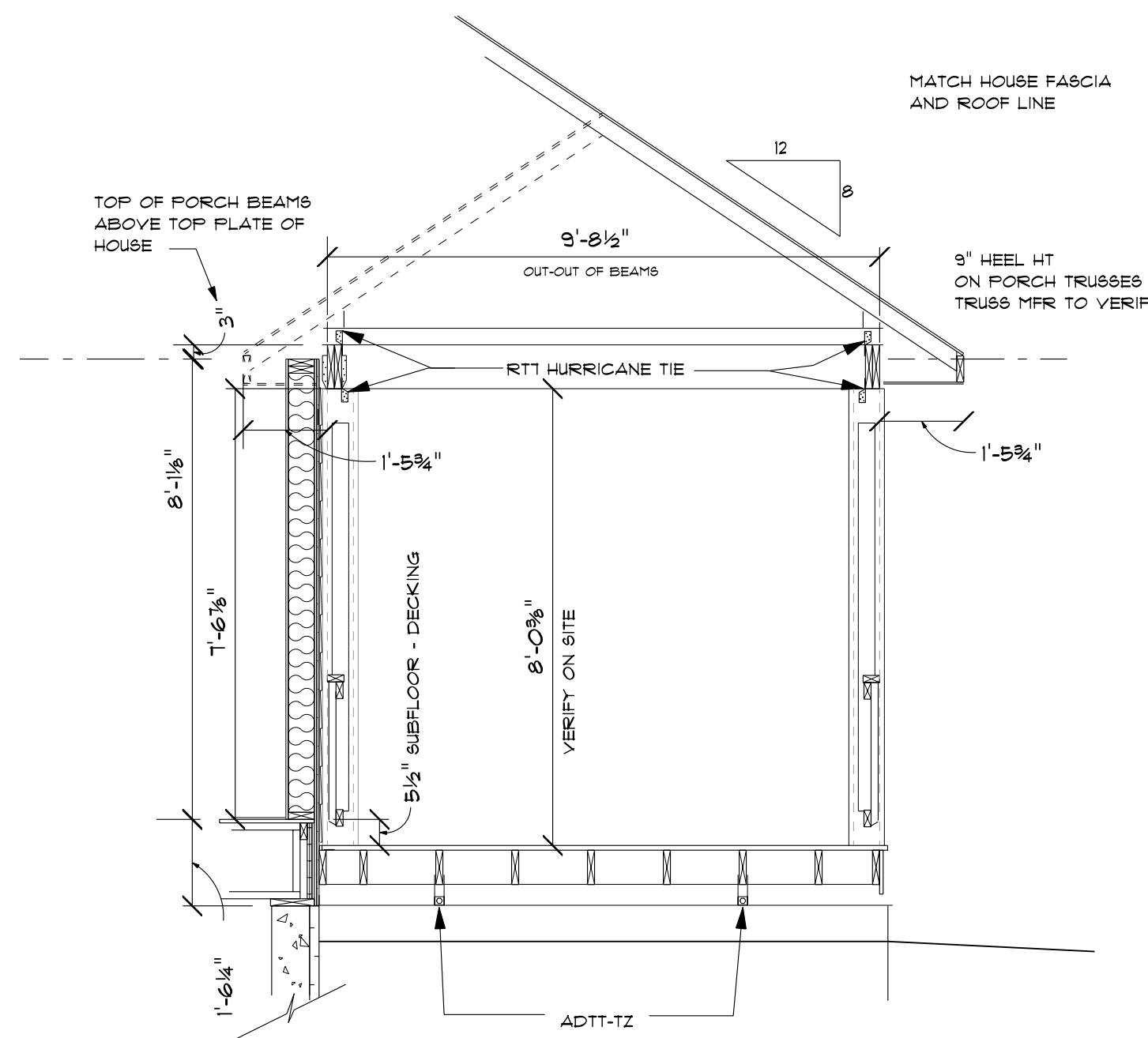
MODEL: 2TR4-2
243 W. PANTHER DR.
ELLSWORTH, WI 54011

PORCH FRAMING & DETAILS

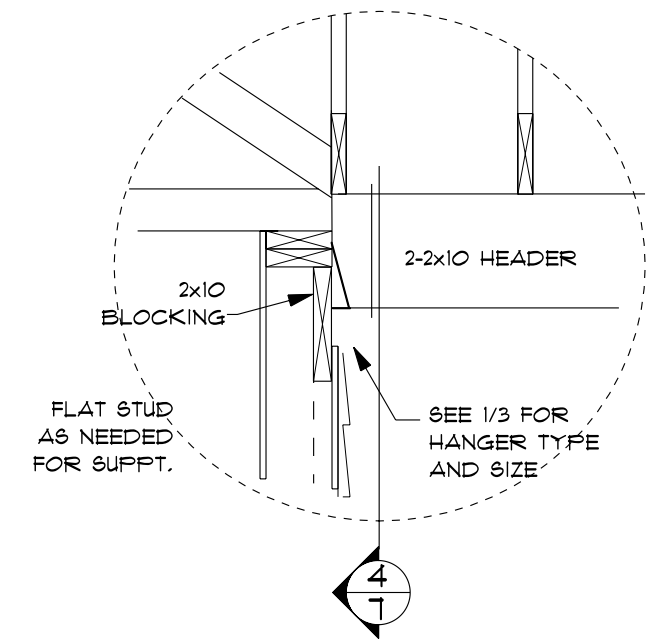
749 RYAN DR.
HUDSON, WI 54016
OFFICE: 715-350-8575
INFO@SCVHABITAT.ORG



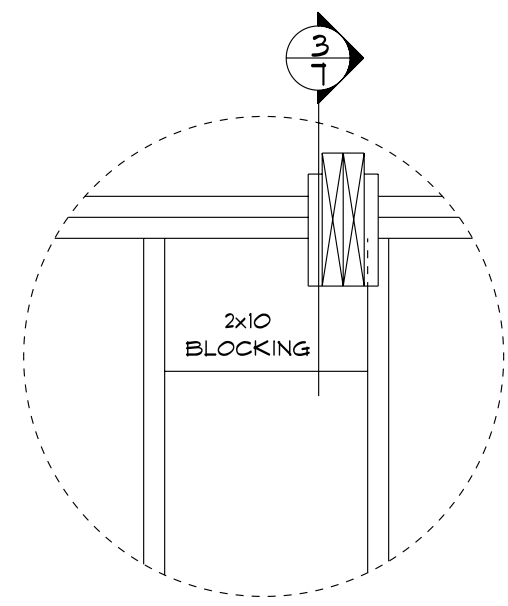
1 FRONT PORCH SECTION
3/8" = 1'-0"



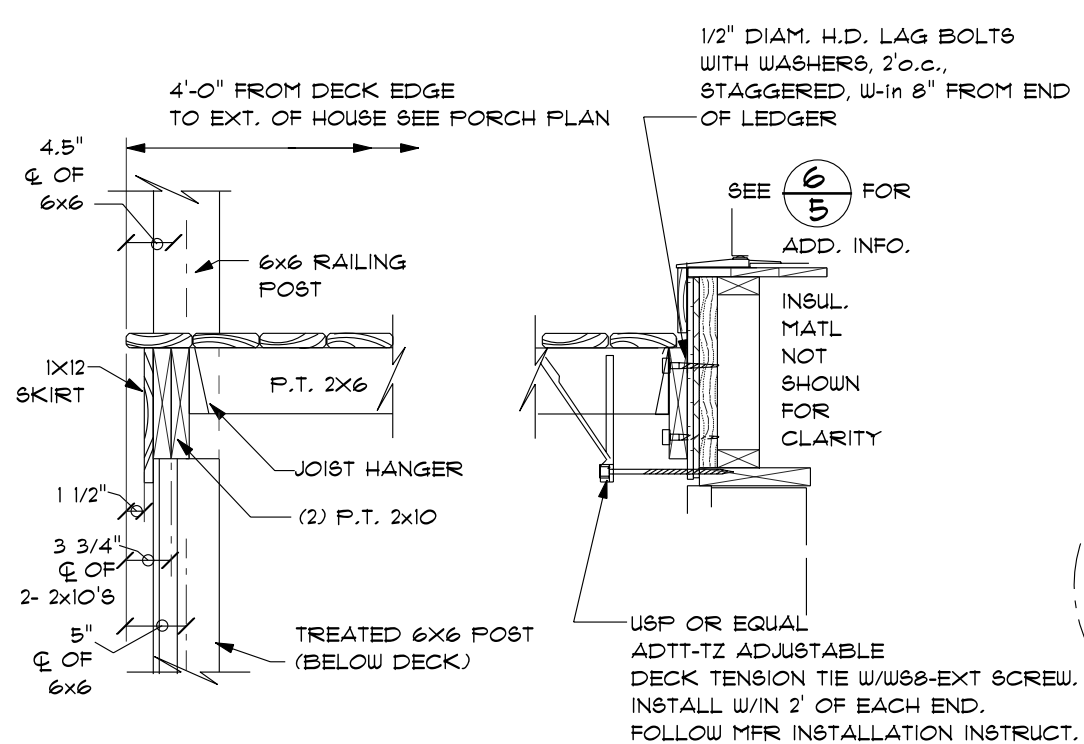
2 FRONT PORCH CROSS SECTION
3/8" = 1'-0"



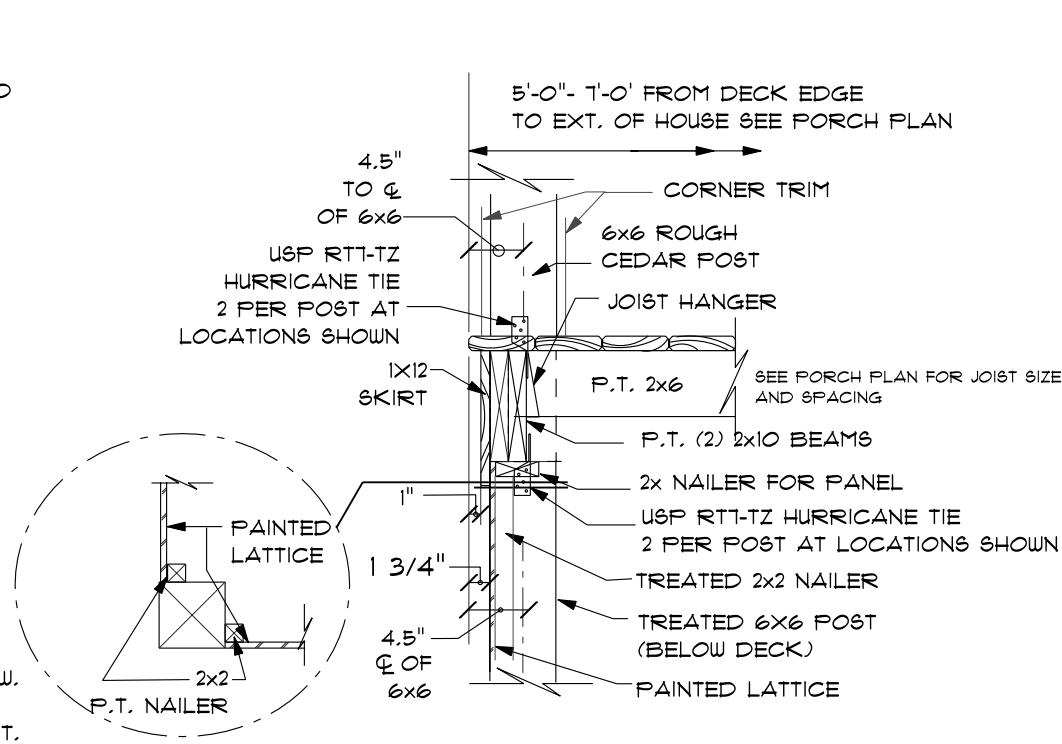
3 PORCH HEADER FRAMING
SCALE: 3/4" = 1'-0"



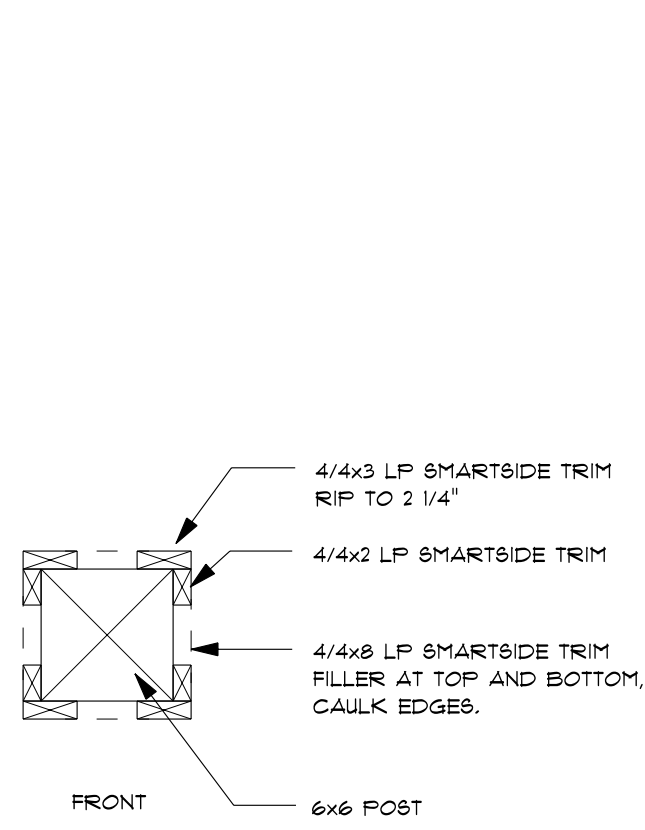
4 PORCH HEADER FRAMING
SCALE: 3/4" = 1'-0"



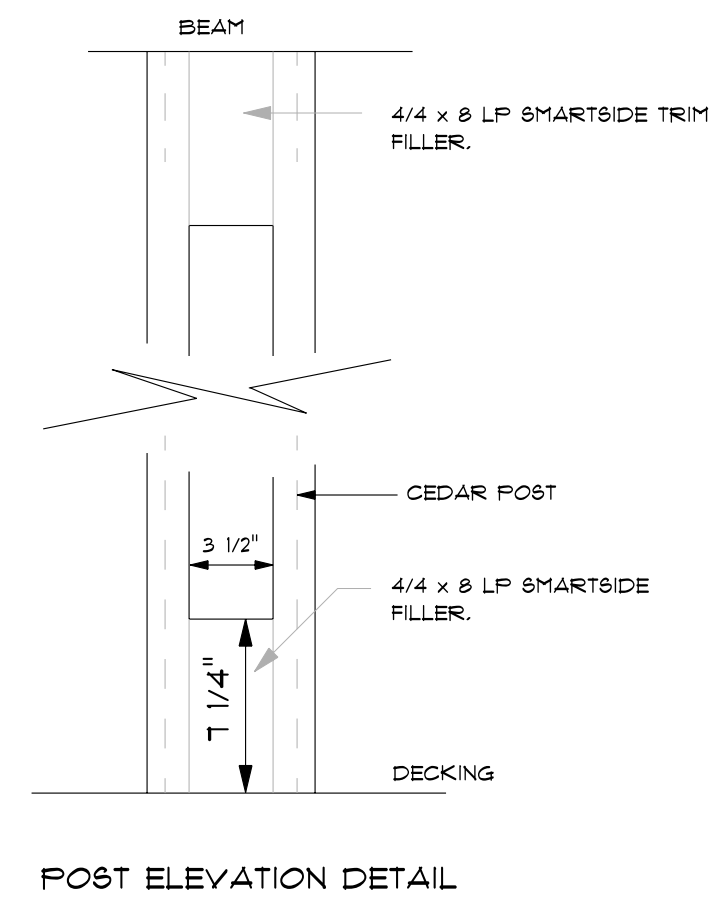
5 REAR DECK RIM DETAIL
SCALE: 3/4" = 1'-0"



6 FRONT PORCH RIM DETAIL
SCALE: 3/4" = 1'-0"



7 PORCH POST DETAIL
1 1/2" = 1'-0"



POST ELEVATION DETAIL

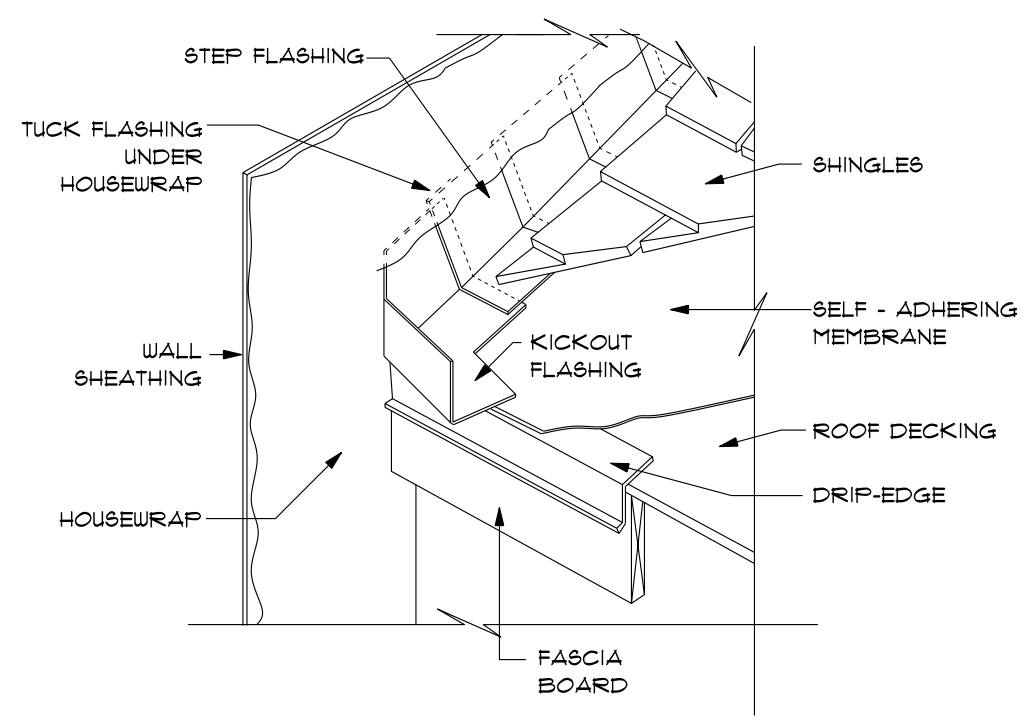
REVISIONS:

DATE	REVISION

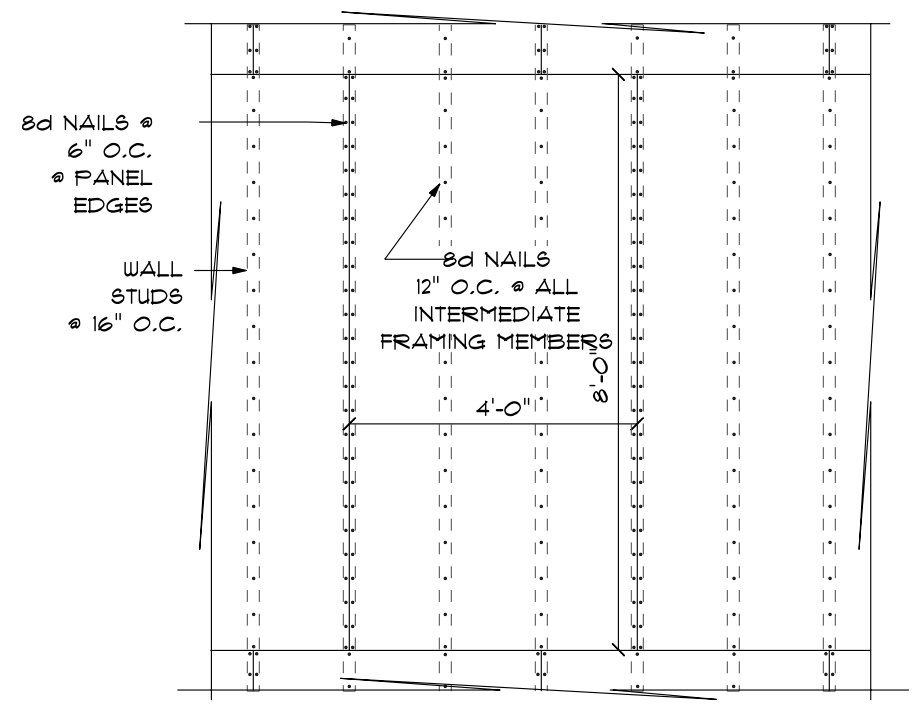
DRAWN BY: M. RICE
DATE: 10-2-23
PLOT DATE: 11/3/2023
CHECKED BY: M. STEINER

SINGLE FAMILY DWELLING SITE: xxxx
MODEL: 2TR4-2
243 W. PANTHER DR.
ELLSWORTH, WI 54011
**BRACED WALL PANEL PLAN,
MISC. DETAILS**

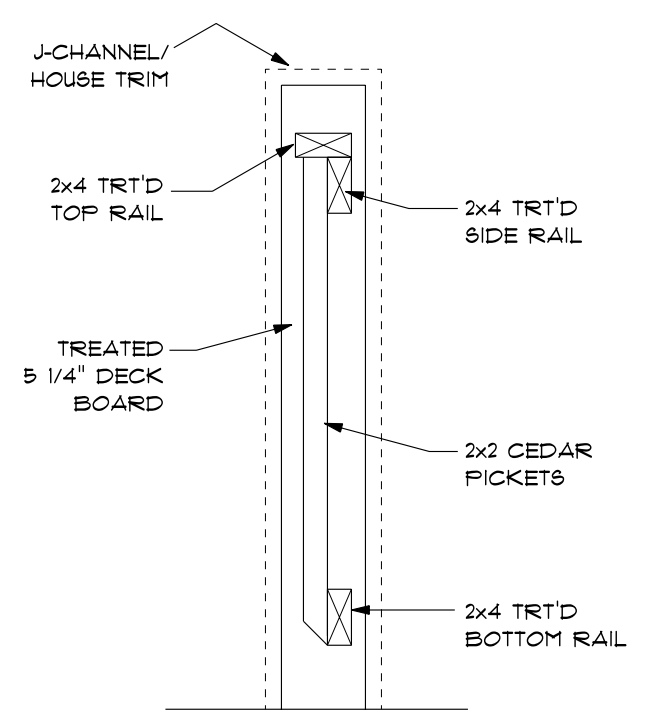
749 RYAN DR.
HUDSON, WI 54016
OFFICE: 715-350-8575
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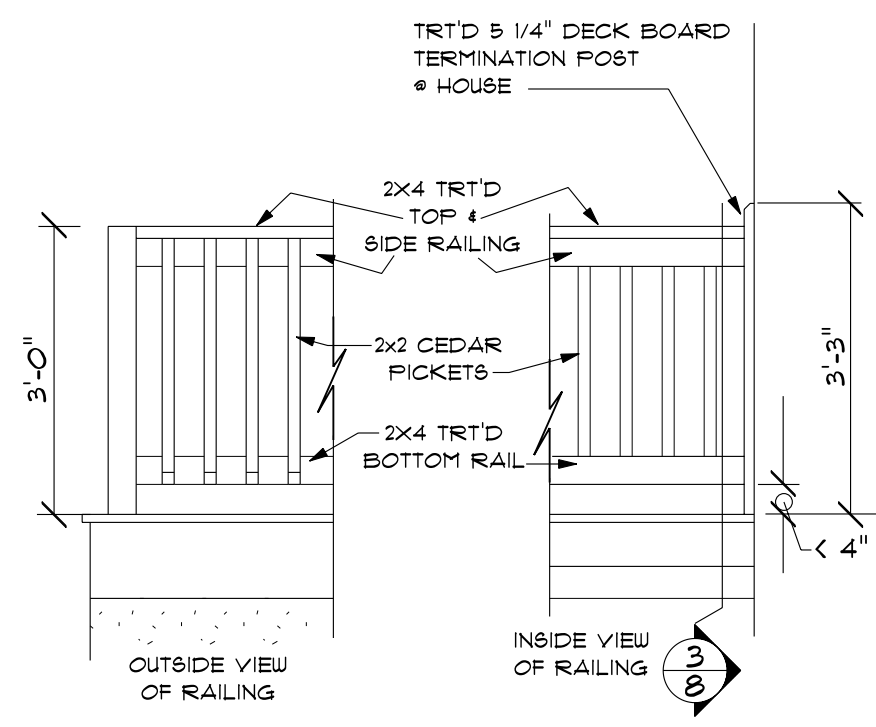
1
8 **KICKOUT FLASHING DETAIL**
SCALE: N.T.S.



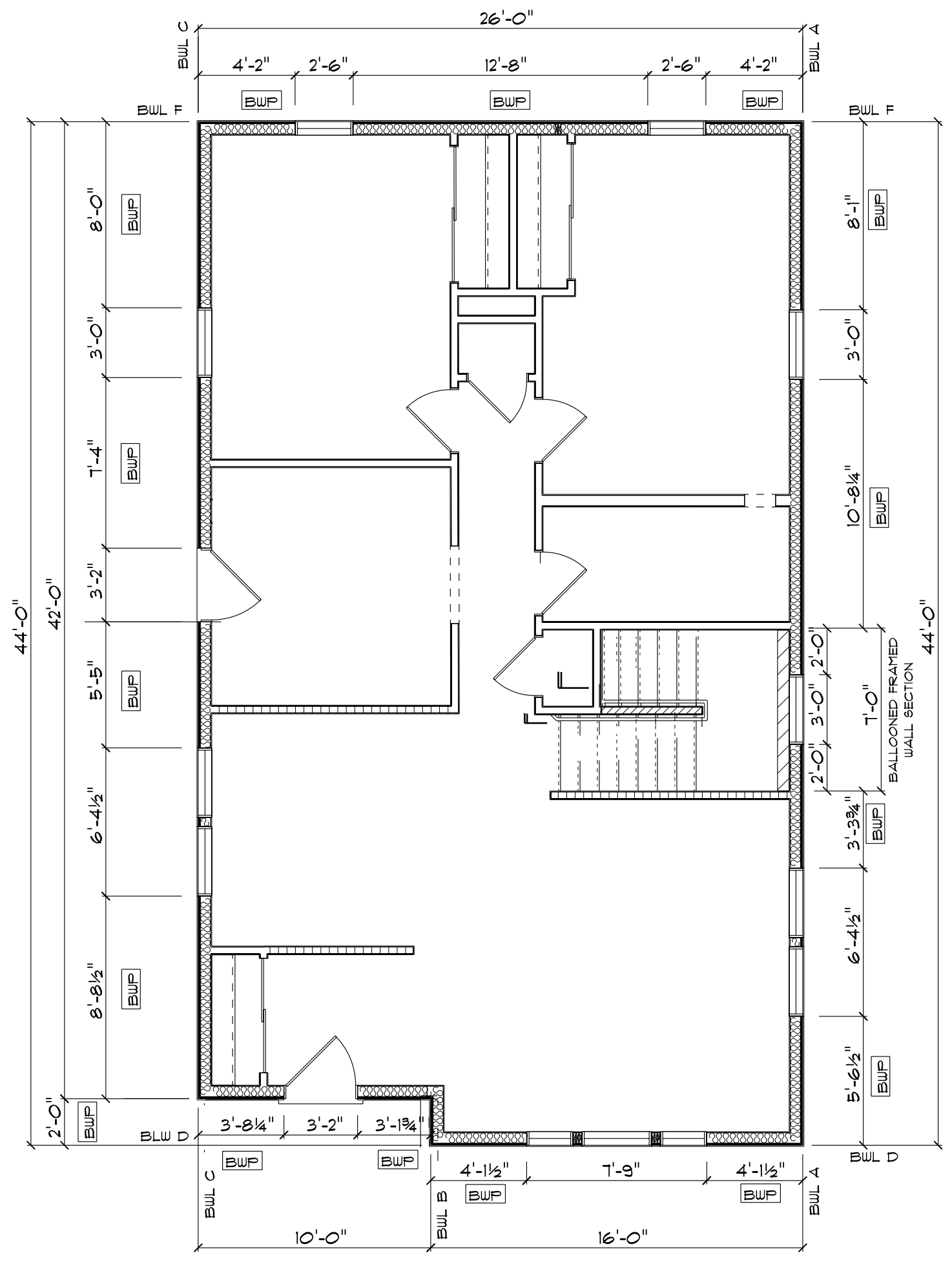
2
8 **DETAIL: TYPICAL WALL BRACING**
SCALE: 1/2" = 1'-0"



3
8 **RAILING @ HOUSE**
SCALE: 1/2" = 1'-0"



4
8 **RAILING DETAIL**
SCALE: 1/2" = 1'-0"

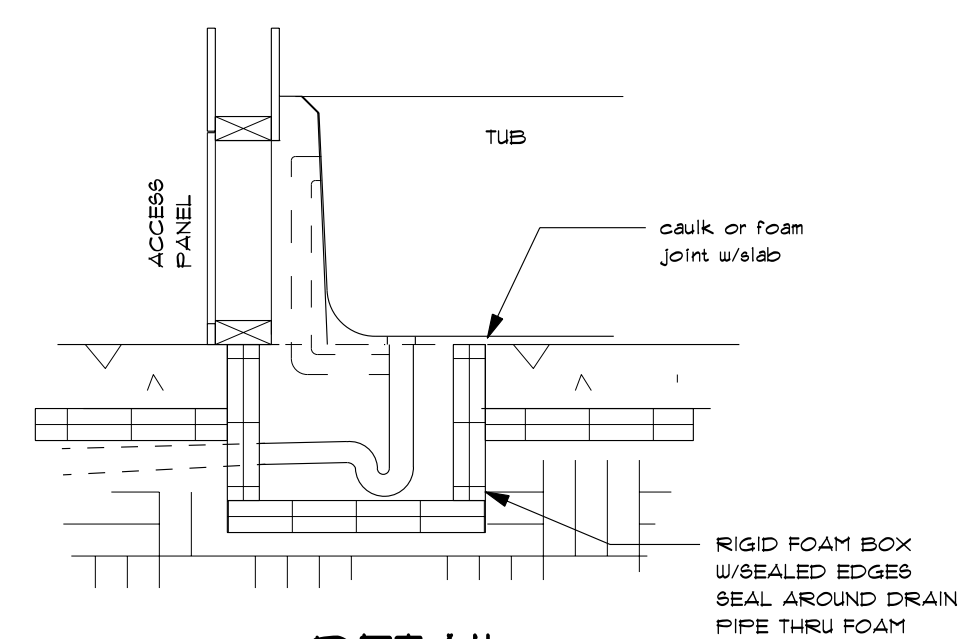


6
8 **FIRST FLOOR WALL BRACING PLAN**
SCALE: 3/16" = 1'-0"

BRACED WALL NOTES:

- BRACING METHOD USED: C8-WSP
 - BRACED WALL PANELS TO BE NO MORE THAN 10'-0" FROM A CORNER.
 - NO MORE THAN 20'-0" BETWEEN BRACED WALL PANELS
 - LOCATIONS SHOWN MAY VARY A FEW INCHES WITH STUD LOCATIONS.
 - NO WINDOW OR DOOR OPENINGS WITHIN A BRACED WALL PANEL.
 - FOR TYP. FASTENING & SPACING SEE: **2**/**8**
- BWL = BRACED WALL LINE
BWP = BRACED WALL PANEL

WALL BRACING HOUSE				
BWL	BRACING METHOD	LF OF WALL REQ.	LF OF WALL PROVIDED	NOTES
BWL A	C8-WSP	1'-0 1/2"	21'-1 1/2"	
BWL B	C8-WSP	2'-0"	2'-0"	
BWL C	C8-WSP	6'-9"	29'-5 1/2"	
BWL D	C8-WSP	4'-2"	15'-1"	
BWL F	C8-WSP	4'-2"	21'-0"	



5
8 **DETAIL**
SCALE: 1" = 1'-0"

