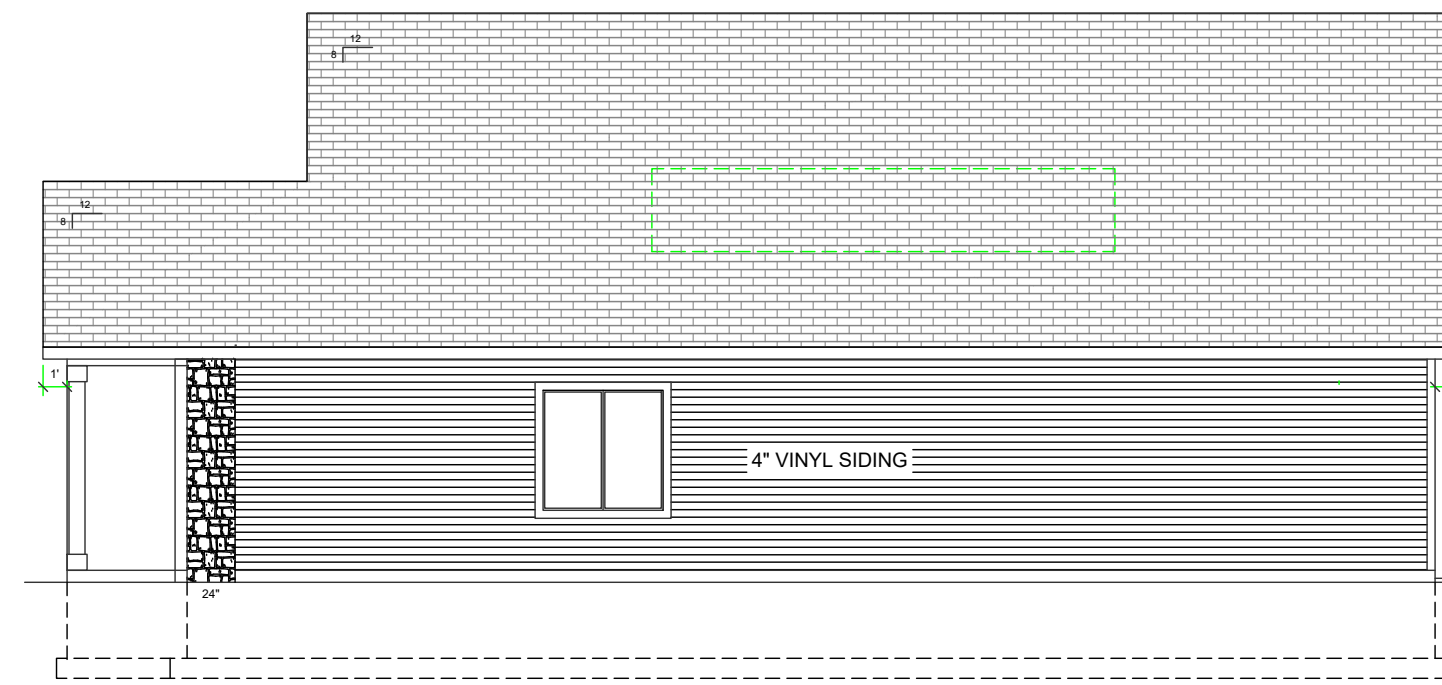
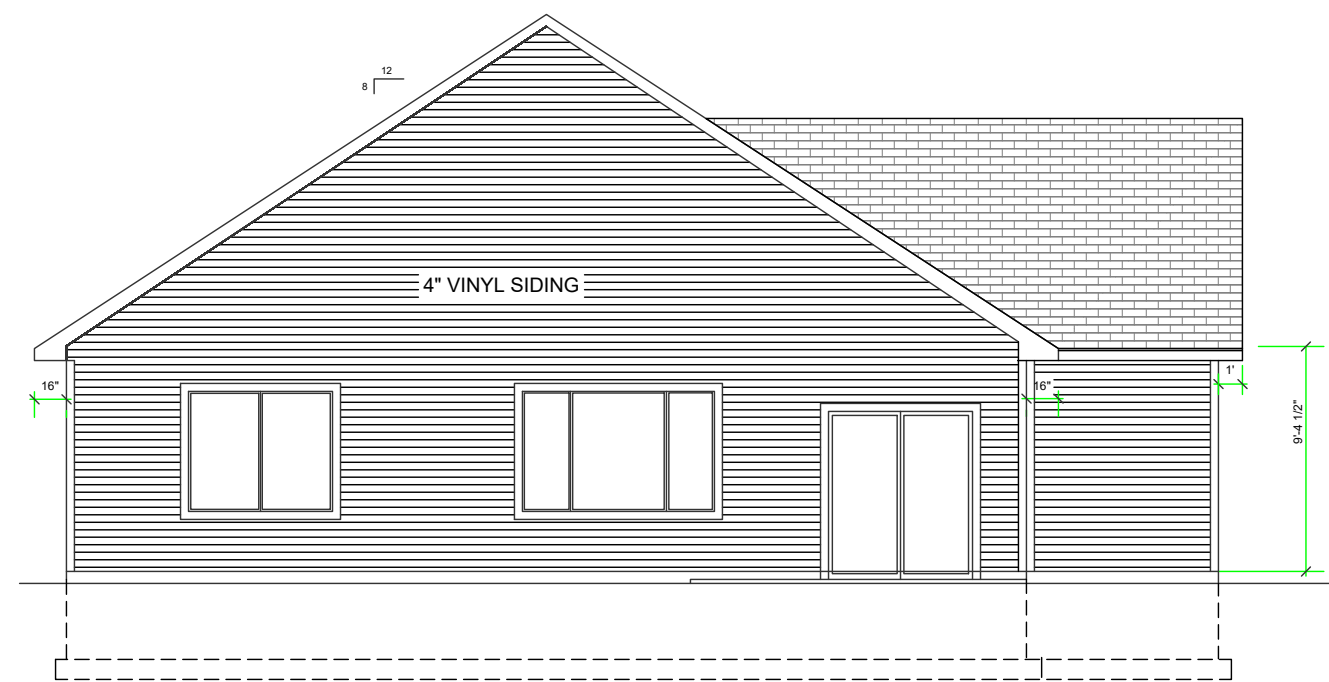


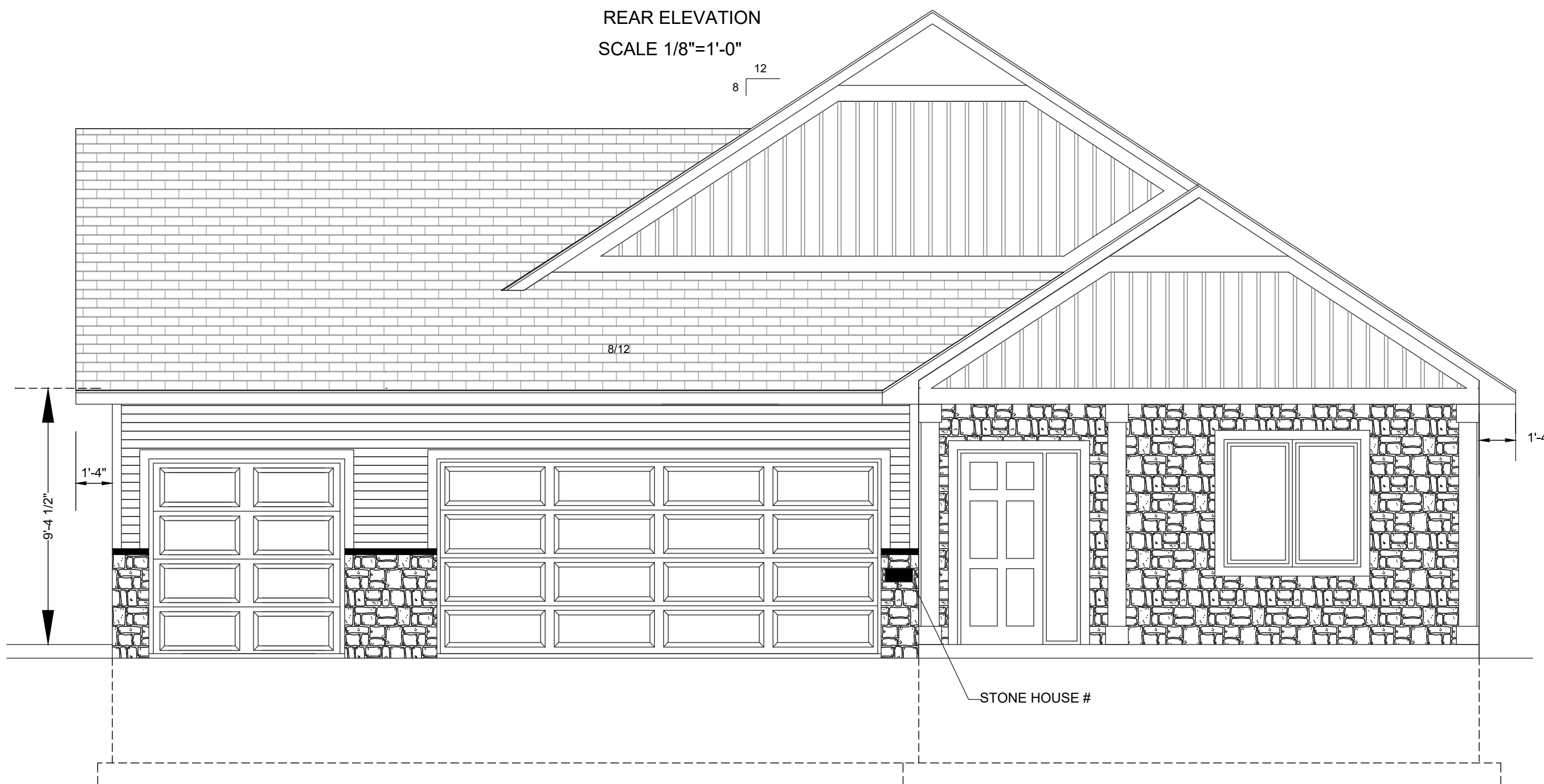
LEFT ELEVATION
SCALE 1/8"=1'-0"



RIGHT ELEVATION
SCALE 1/8"=1'-0"



REAR ELEVATION
SCALE 1/8"=1'-0"



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

LP SIDING ON FRONT
VINYL ON BACK & SIDES
CEDAR WRAPPED POST
STONE FULL HEIGHT ON PORCH
FRIESE BOARD ON FRONT GABLES

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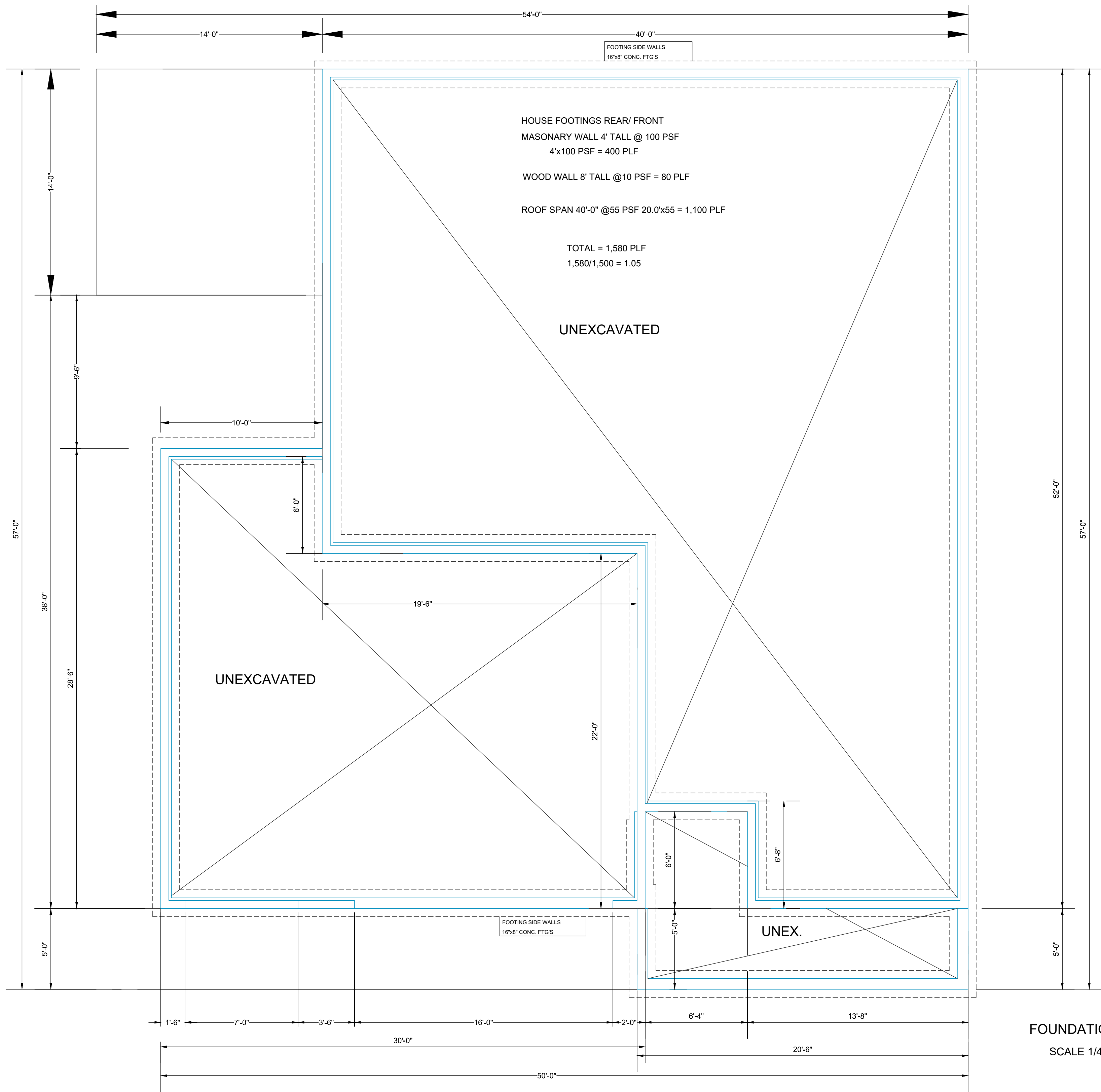
BUYER:	DATE:
BUYER:	DATE:
SALES REP.	DATE:

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BIGELOW HOMES
Tradition. Excellence.
4131 26th St. NW, Suite 2
Rochester, MN 55901 (507-529-1161)

CONTRACTOR:
BIGELOW HOMES
OWNER:
Falstone Model
Lot 2 Block 7

PLAN # GV027
DATE: 05.06.26
Drawn By: GFV
SHEET # 1 OF 5



HOUSE FOOTINGS REAR/ FRONT
 MASONRY WALL 4' TALL @ 100 PSF
 4'x100 PSF = 400 PLF
 WOOD WALL 8' TALL @10 PSF = 80 PLF
 ROOF SPAN 40'-0" @55 PSF 20.0'x55 = 1,100 PLF

TOTAL = 1,580 PLF
 1,580/1,500 = 1.05

UNEXCAVATED

UNEXCAVATED

UNEX.

FOOTING SIDE WALLS
 16"x8" CONC. FTG'S

FOOTING SIDE WALLS
 16"x8" CONC. FTG'S

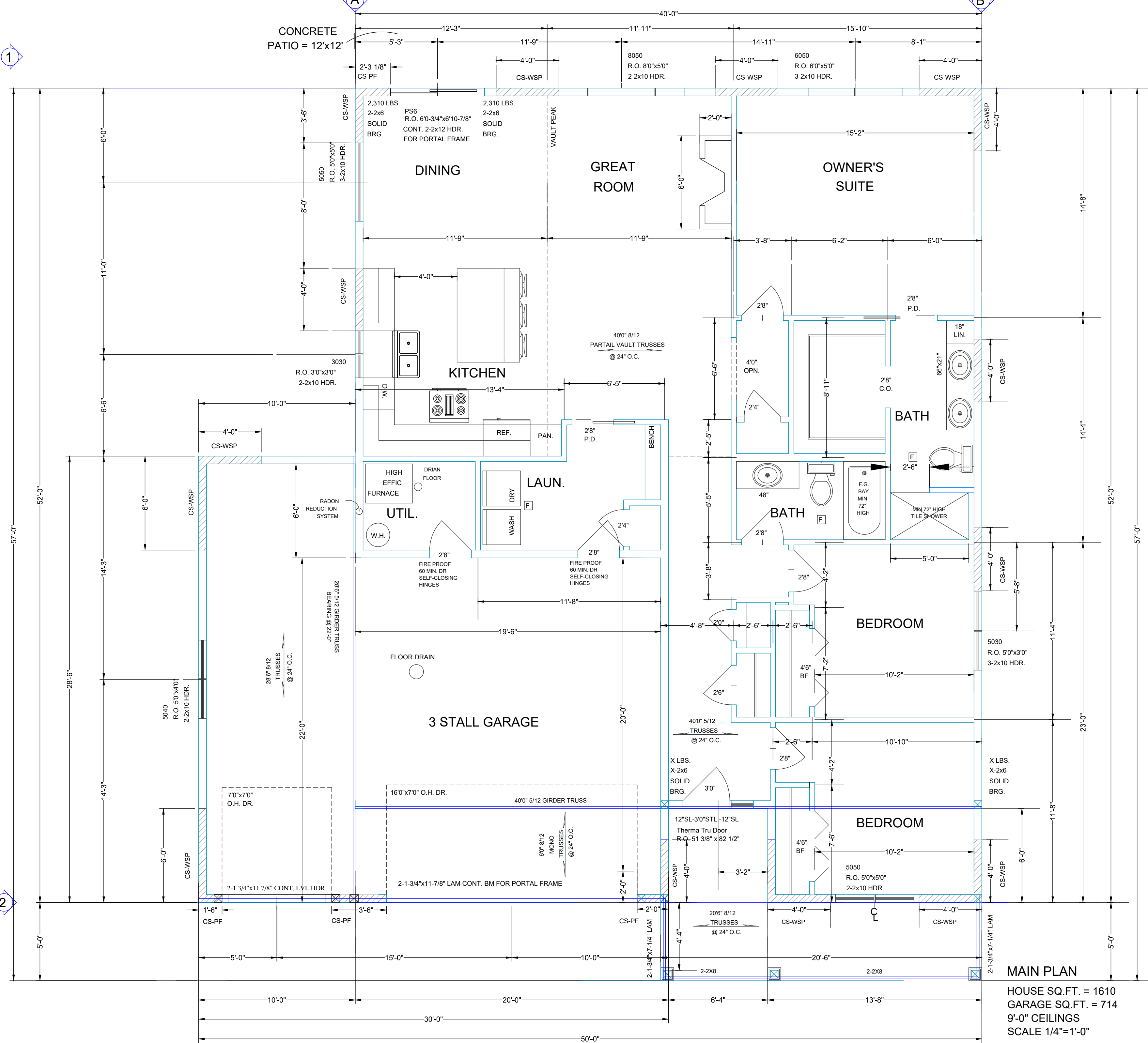
FOUNDATION PLAN
 SCALE 1/4"=1'-0"

PLAN #	G/027	CONTRACTOR:	BIGELOW HOMES	
DATE:	05.06.26		BIGELOW HOMES	
Drawn By:	GFV	OWNER:	Falstone Model	
SHEET #	2 OF 5		Lot 2 Block 7	
BUYER:	DATE:	These plans have been reviewed and approved for construction as Drawn. Additional changes will require a change order form.		
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SALES REP.	DATE:	4131 26th St. NW Suite 2 Rochester, MN 55901 (507-529-1161)		

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1

2



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 SALES REP. _____ DATE: _____

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CONTRACTOR: **BIGELOW HOMES**
 OWNER: **Falstone Model**
Lot 2 Block 7

PLAN # **GV027**
 DATE: **05.06.26**
 Drawn By: **GFV**
 SHEET # **3 OF 5**

DISCRIPTION: MAIN FLOOR

BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<115mph)									
BRACED WALL LINE	BRACING METHOD TABLE	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HEIGHT TOTAL	NUMBER BRACED WALL LINES	* ADJUSTMENT CALCULATION EXAMPLE	
								REQUIRED BRACING LENGTH	REQUIRED BRACING LENGTH
1	CS-WSP	44 FT.	6.6	1.0	1.00	0.95	1.0	6.27'	14'-3"
2	CS-PF	44 FT.	6.6	1.0	1.00	0.95	1.0	6.27'	19'-0"

DISCRIPTION: MAIN FLOOR

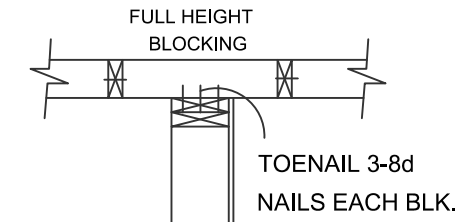
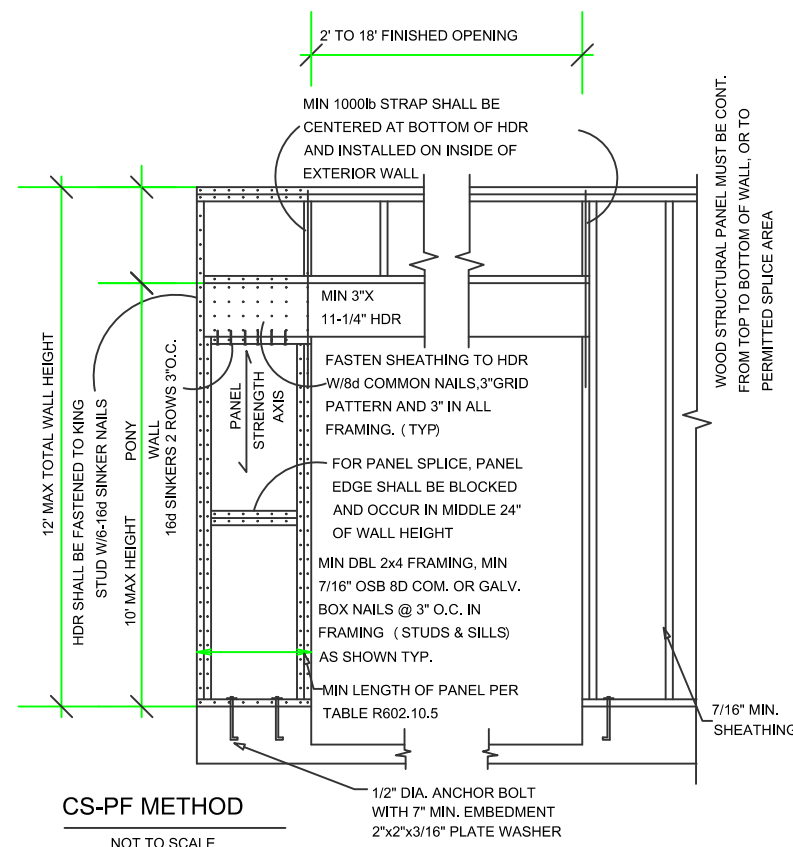
BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<115mph)									
BRACED WALL LINE	BRACING METHOD TABLE	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HEIGHT TOTAL	NUMBER BRACED WALL LINES	* ADJUSTMENT CALCULATION EXAMPLE	
								REQUIRED BRACING LENGTH	REQUIRED BRACING LENGTH
A	CS-WSP	40 FT.	6.0	1.0	1.00	0.95	1.0	5.7'	14'-6"
B	CS-WSP	40 FT.	6.0	1.0	1.00	0.95	1.0	5.7'	16'-0"

TENSION STRAP CAPACITY FOR RESISTING WIND PRESSURES PERPENDICULAR TO METHODS PFH, PFG, AND CS-										
MINIMUM WALL STUD FRAMING NOMINAL SIZE AND GRADE	MAXIMUM PONYWALL HEIGHT (FEET)	MAXIMUM TOTAL WALL HEIGHT (FEET)	MAXIMUM OPENING WIDTH (FEET)	TENSION STRAP CAPACITY REQUIRED (POUNDS) ^a						
				Ultimate Design Wind Speed Vult (mph)						
				Exposure B			Exposure C			
2 x 4 No 2 Grade	0	10	18	1000	1000	1000	1000	1000	1050	
				9	1000	1000	1000	1000	1000	1750
				16	1000	1025	2050	2075	2500	3950
				18	1000	1275	2375	2400	2850	DR
				9	1000	1000	1475	1500	1875	3125
				16	1775	2175	3625	3550	4125	DR
	2	10	18	2075	2500	3950	3975	DR	DR	
				9	1150	1500	2650	2675	3175	DR
				16	2875	3375	DR	DR	DR	DR
				18	3425	3875	DR	DR	DR	DR
				9	2275	2750	DR	DR	DR	DR
				12	3225	3775	DR	DR	DR	DR
2 x 6 Stud Grade	12	18	9	1000	1000	1700	1700	2025	3050	
			16	1825	2150	3225	3225	3675	DR	
			18	2200	2550	3750	3750	DR	DR	
			9	1450	1750	2700	2725	3125	DR	
			16	2050	2400	DR	DR	DR	DR	
			18	3350	3800	DR	DR	DR	DR	

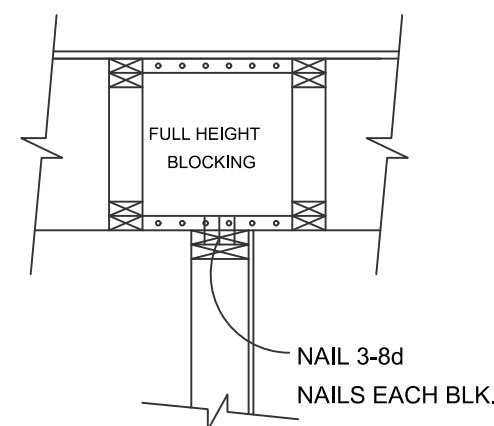
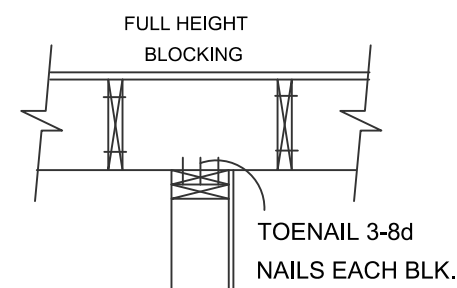
For S1: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s
DR = Design Required
a. Straps shall be installed in accordance with manufacturer's recommendations.

WALL BRACING NOTES: CS-WSP

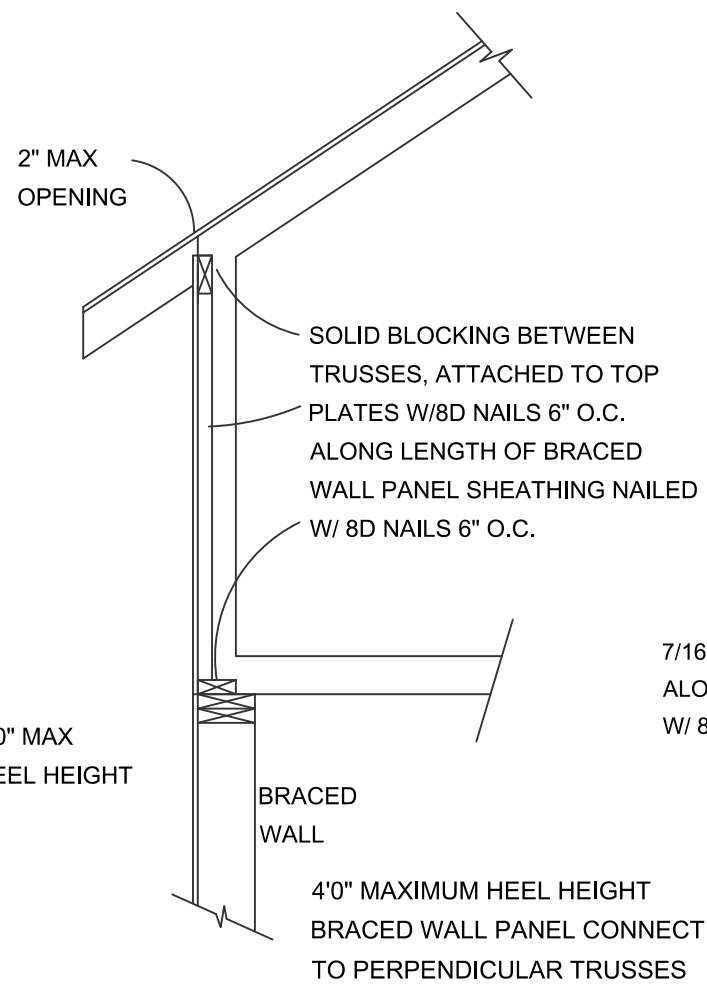
- ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANELS
- CS-WSP ON PLANS INDICATE AREAS OF BRACED PANELS
- BRACED PANELS SHALL BE CONSTRUCTED WITH 16" O.C. STUDS. TOP PLATE FASTENED TO SOLID FRAMING WITH 8d NAILS 6" O.C. BOTTOM PLATES FASTENED TO SOLID FRAMING W/ 3-16d NAILS 16" O.C. 7/16" OSB SHEATHING (24/16 INDEX) FASTENED W/ 8d COMMON NAILS 6" O.C. ON EDGES AND 12" O.C. IN FIELD. SOLID BLOCKING BETWEEN TRUSSES WITH HEEL GREATER THAN 9-1/4" TO WITHIN 2" OF ROOF SHEATHING FASTENED WITH MIN 8d NAILS 6" O.C. ALONG LENGTH OF PANEL
- ANY OTHER TYPE OF BRACING METHOD SHALL BE INDICATED ON PLAN AND SEPARATE DETAIL WILL BE PROVIDED.



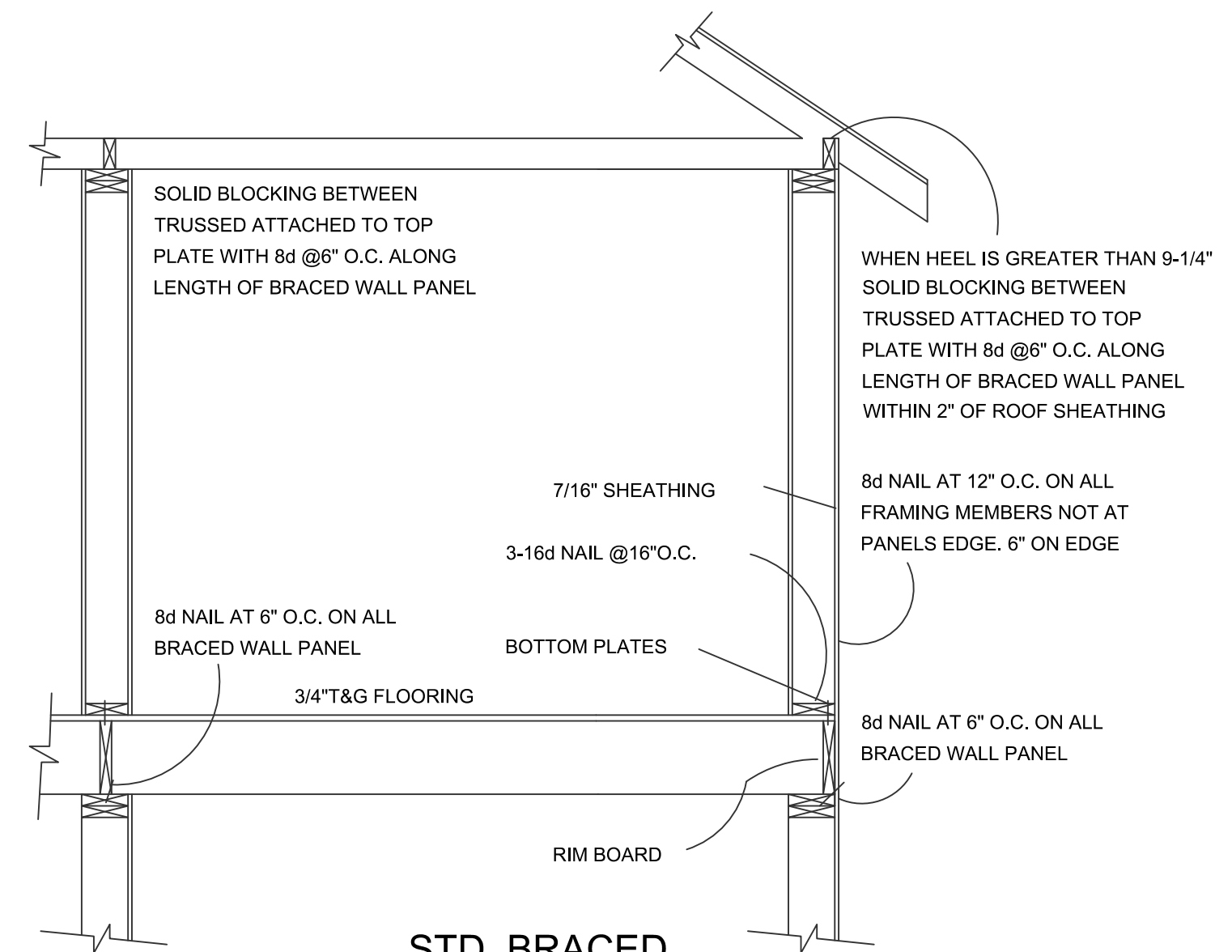
NOTE: BLOCKING IS REQUIRED WHERE FLOOR AND CEILING FRAMING IS PERPENDICULAR AND PARALLEL WITH BRACED WALL LINE ABOVE. PERPENDICULAR TOENAIL 3-8d NAILS EACH BLOCK. PARALLEL TOENAIL 8d NAILS AT 6" O.C. ALONG BRACED WALL PANEL



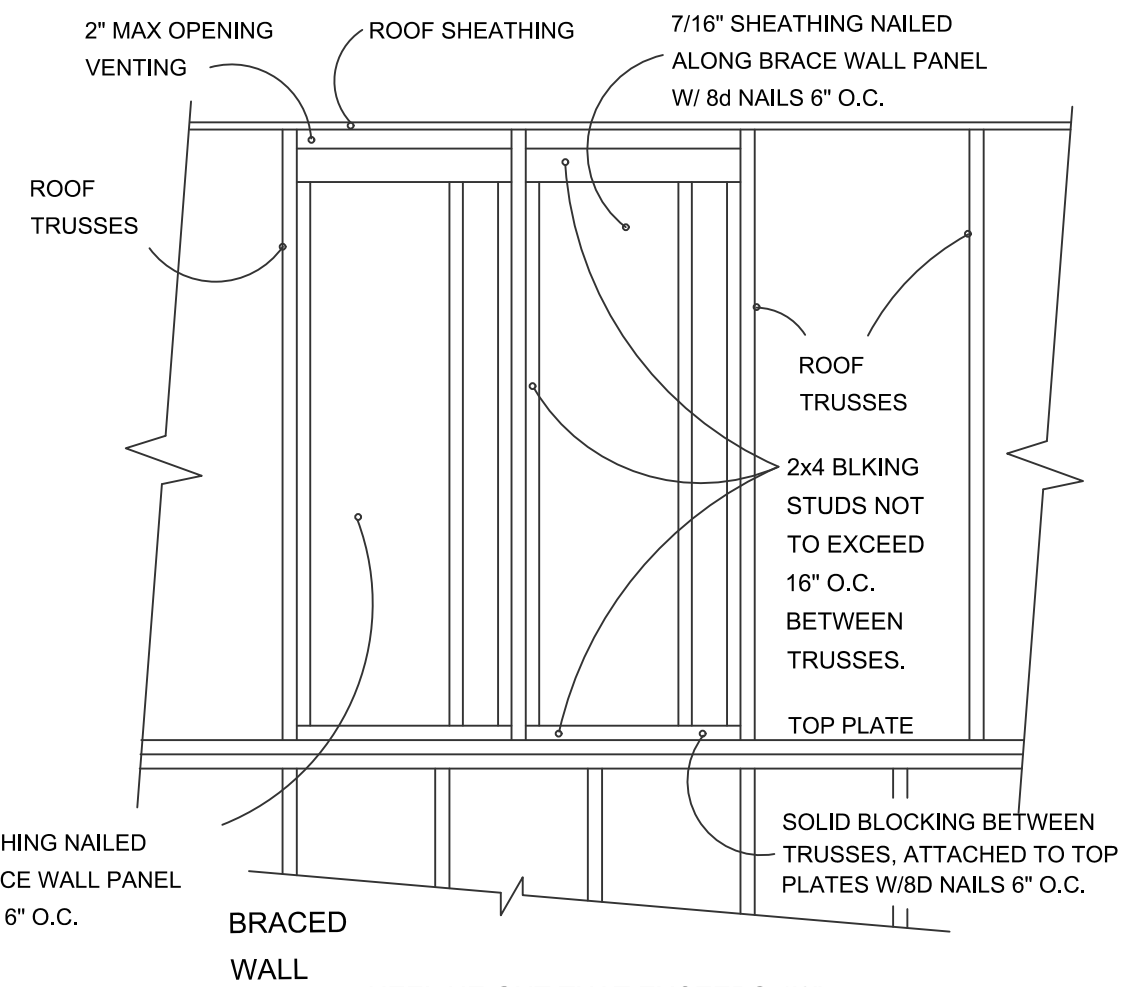
INSTALL 3/4" MIN. THICK OSB/PLY TO ONE SIDE OF 2x4 BLOCKING W (6) 0.131" DIAMETER x 3" LONG NAILS TOP & BOTTOM OR 1/2" MIN. THICK OSB/PLY TO EACH SIDE W/ (4) 0.131" DIAMETER x 3" LONG NAILS TOP & BOTTOM.



BLOCKING DETAIL TALL HEEL



STD. BRACED WALL DETAIL:



BLOCKING DETAIL TALL HEEL

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CONTRACTOR: **BIGELOW HOMES**
OWNER: **Falstone Model Lot 2 Block 7**
PLAN # **GV027**
DATE: **05.06.26**
Drawn By: **GFV**
SHEET # **4 OF 5**

WINDWASH BARRIER:

- AT EXTERIOR EDGE OF ATTIC INSULATION, A MINIMUM OF 1" OF AIR SPACE SHALL BE PROVIDED BETWEEN INSUL AND SHEATHING.

ROOF SYSTEM:

- ENERGY TRUSSES 24" O.C. SPECS BY MFG.
- 1/2" OSB ROOF SHEATHING P.I.I. 32/16 WINTERGUARD APPLIED SHINGLE FASHION FROM EAVES TO A POINT 24" INSIDE EXTERIOR WALL.
- 1 LAYER 15 # FELT ON REMAINING
- 30 YEAR 3 TAB ASPHALT SHINGLES
- PROVIDE STEEL SUPPLEMENTAL UPLIFT BRACKETS FOR ALL TRUSSES.
- PROVIDE CLIPS AS REQUIRED FOR ROOF SHEATHING
- PROVIDE METAL IN ALL VALLEYS - CUT SHINGLE VALLEYS

EAVE SYSTEM:

- 2X6 SUBFASCIA
- ALUMINUM FASCIA
- 2X4 LOOKOUTS 24" O.C.
- ALUMINUM SOFFIT W/CANT VENT
- AIR CHUTES 48" O.C.

EXTERIOR WALL:

- SIDING NOTED ON ELEVATIONS
- TYVEK OR TYPAR HOUSE WRAP TO UNDERSIDE OF TOP CHORD OF TRUSS OR RAFTER.
- 7/16" OSB WALL SHEATHING
- 2X6 STUDS 16" O.C.
- 5-1/2" F.F. INSULATION
- 6 MIL POLY PERM VAPOR BARRIER TAPED @ JOINTS
- 1/2" SHEET ROCK
- 2-2X12 HDRS ON ALL OPENINGS UNLESS OTHERWISE NOTED.

GENERAL NOTES

115MPH WIND LOAD
 FLR 40lb LL-10lb DL= 50 TL
 ROOF 35lb LL-17lb DL= 52 TL
 TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED, SPLICED OR OTHERWISE ALTERED IN ANY WAY WITHOUT APPROVAL OF A REGISTERED DESIGN PROFESSIONAL.
 FOUNDATION- MIN 3000 P.S.I. AIR ENTRAINED CONC.
 FOOTINGS- MIN 3000 P.S.I.
 PLAIN CONCRETE- 2000 P.S.I.
 REROD- MIN GRADE 60
 FOOTINGS TO BEAR ON ORIGINAL SOIL.
 WOOD FRAMING 2X4, 2X6 STD #2 GRADE OR BETTER BRIDGING AT CENTERLINE OF SPANS.
 PROVIDE SOLID BLOCKING AT FLOOR JSTS BEARING POINTS, INTERIOR BEARING WALLS AND CANTEVERED FLOOR JOISTS AS REQUIRED.
 PROVIDE RIGID AIR BARRIER AT ALL PLUMBING AND MECHANICAL HEAT DUCT PENETRATIONS OF EXTERIOR WALLS, CEILING, AND FLOORS.
 16"x16" PLUMBING ACCESS PANEL
 PROVIDE A M.R. AIR BARRIER AT THE INSIDE SURFACE OF EXTERIOR ENVELOPE BEHIND TUB AND SHOWER UNITS. (1/2" ANW PLYWD.) DUROC OR 5/8" W.R. GYP. TO 72" WHEN & WHERE REQ.
 SHEATHING JOINTS WHICH ARE NOT SUPPORTED BY FRAMING MEMBERS MUST BE CAULKED.
 ALL PENETRATIONS INSTALLED THROUGH THE INTERIOR AIR BARRIER MUST BE SEALED PRIOR TO THE FRAMING INSPECTION.
 ADD 1/2" TO ALL WINDOW ROUGH OPENINGS FOR INSUL.
 WINDOWS AND DOORS ARE TO BE SEALED TO PREVENT THE ENTRY OF OUTSIDE AIR. SEE MFG'S INSTALLATION.

ENG. PRODUCTS

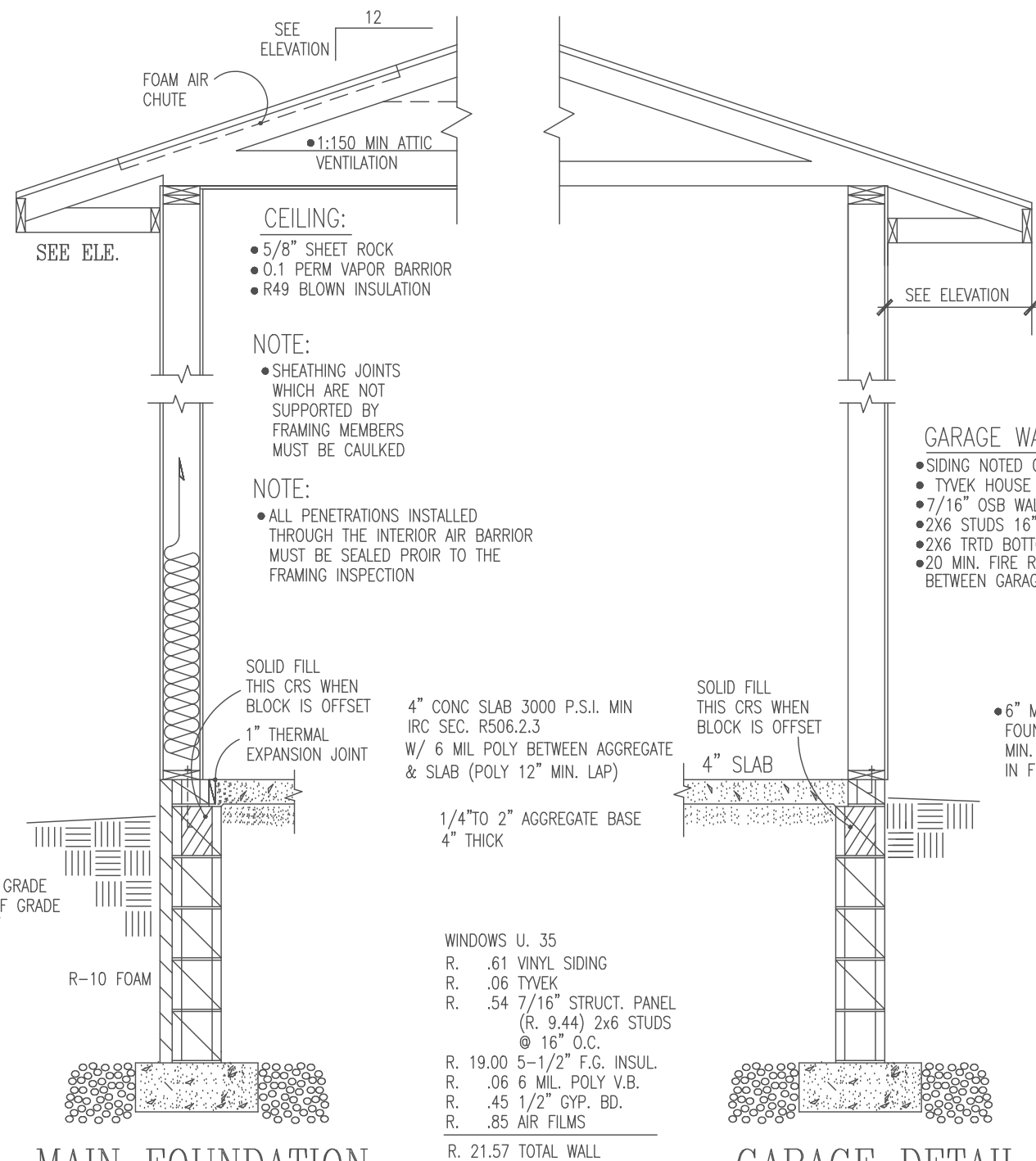
TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED SPLICED OR OTHERWISE ALTERED IN ANY WAY WITHOUT THE APPROVAL OF A REGISTERED REGISTERED DESIGN PROFESSIONAL.

FLASHING & COUNTERFLASHING

APPROVED CORROSION-RESISTIVE FLASHING SHALL BE PROVIDED IN THE EXTERIOR WALL ENVELOPE IN SUCH A MANNER AS TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH AND BE INSTALLED TO PREVENT WATER FROM RE-ENTERING THE EXTERIOR WALL ENVELOPE. FLASHING SHALL BE INSTALLED CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
 FLASHING SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS. EXTEND DRIP CAPS PAST THE END OF THE BRICK MOLD AND BEND OVER. INSTALL KICK OUT FLASHING WHERE STEP FLASHING BEGINS.

RADON VENT:

HOLLOW BLK FOUNDATION WALLS SHALL BE CONSTRUCTED WITH EITHER A CONT. CRS OF SOLID MASONRY, OR 1 CRS MASONRY GROUTED SOLID OR SOLID CONC BM, AT OR ABOVE FINISHED GRADE TO PREVENT PASSAGE OF AIR FROM INTERIOR OF THE WALL INTO LIVING SPACE. WHERE BRICK LEDGE IS INSTALLED, THE CRS IMMEDIATELY BELOW THAT LEDGE SHALL BE SEALED. JOINTS CRACKS, OR OTHER OPENINGS AROUND PENETRATIONS OF BOTH EXTERIOR AND INTERIOR SURFACES OF MASONRY WALL. WOOD FOUNDATION WALLS BELOW GRADE SURFACE SHALL BE FILLED WITH POLYURETHANE CAULK.
 MIN 3" ABS.PVC OR EQUIVALENT GASIGHT PIPE SHALL BE EMBEDDED VERTICALLY INTO SUB SLAB AGGREGATE OR OTHER PERMIABLE MATERIAL A "T" FITTING WITH ONE 10' SECTION OF PERFORATED PIPE CONNECTED TO EACH SIDE OF "T" OR 3" PIPE SHALL BE INSERTED INTO INTERIOR PERIMETER DRAIN TILE LOOP OR THROUGH A SEALED SUMP COVER, WHERE THE SUMP THE SUMP IS EXPOSED TO THE SUB-SLAB AGGREGATE. RADON VENTS SHALL CONNECT TO SINGLE PIPE THAT TERMINATES AT LEAST 12" ABOVE ROOF.
 RADON PIPES SHALL PROVIDE ENOUGH SPACE AROUND PIPE FOR FUTURE FAN, MIN 24" DIA. CENTERED ON AXIS OF VENT STACK A MIN VERTICAL DISTANCE OF 36"
 RADON PIPES SHALL BE IDENTIFIED WITH ONE LABEL ON EACH FLOOR, LABEL SHALL READ (RADON REDUCTION SYSTEM)



MAIN FOUNDATION WALL DETAIL

GARAGE DETAIL

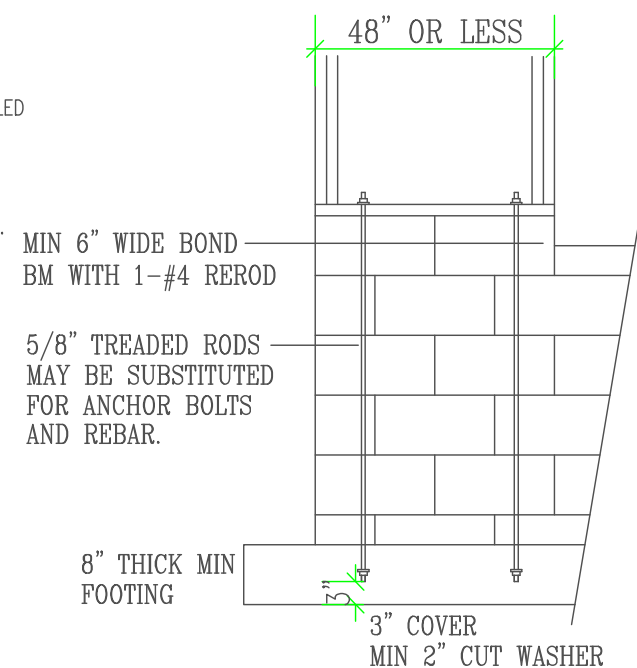
BIG 8 BLK. MAIN FOUNDATION:

- 16"X 8" CONT FOOTING
- 5-CRS 8" CONC BLOCK
- 1-CRS 6"X4"X16" CONC BLOCK
- 1/2"X10" ANCHOR BOLT 48" O.C. IN COMMON FULLY GROUTED CORES. MIN 7" EMBEDMENT
- 2X6 TRTD SILL PLATE
- 6" SILL SEAL
- MIN 40 BAR DIA. LAP ALL VERTICAL REINFORCEMENT

BIG 8 GARAGE FOUNDATION:

- 16"X 8" CONTINUOUS CONC FOOTING
- 2-1/2" REROD CONT. (OPTIONAL)
- 5-CRS 8" CONC BLOCK
- 1-CRS 6"X4"X16" CONC BLOCK
- 1/2"X 10" ANCHOR BOLTS 48" O.C. TO SHARE
- COMMON FULLY GROUTED CORES
- 2X6 TRTD SILL PLATE
- 6" SILL SEAL

STRUCTURE TO MEET 2.6 AIR EXCHANGE RATE PER HOUR.



STEM WALL REINFORCEMENT

REQ. IF 4'0" OR LESS
 SCALE: 1/2"=1'0"

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SHEET #	5 OF 5