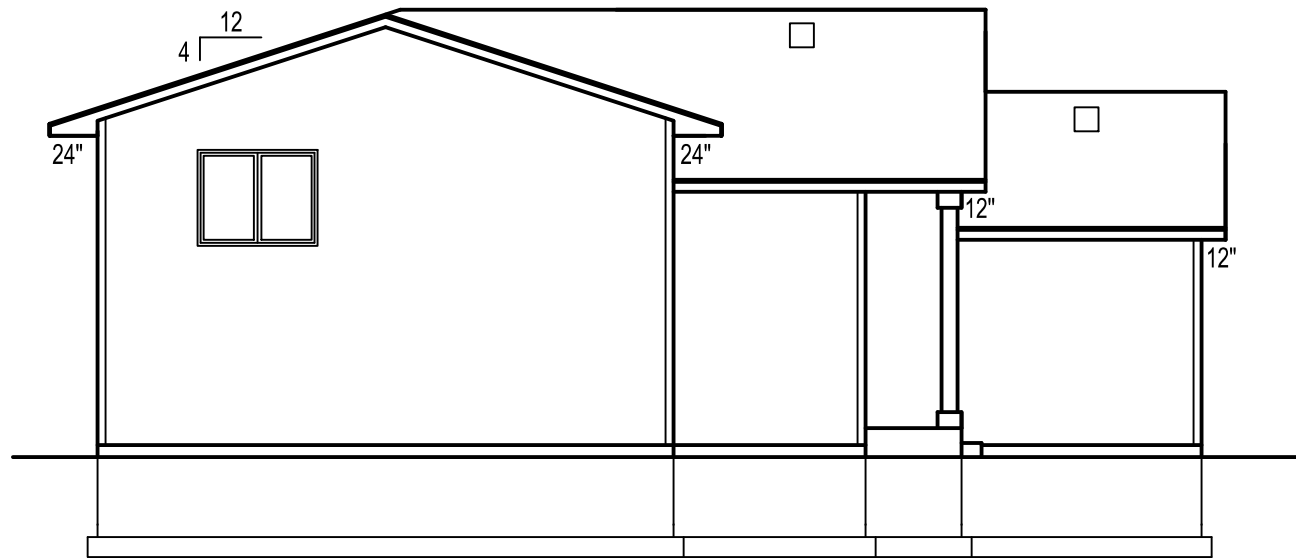
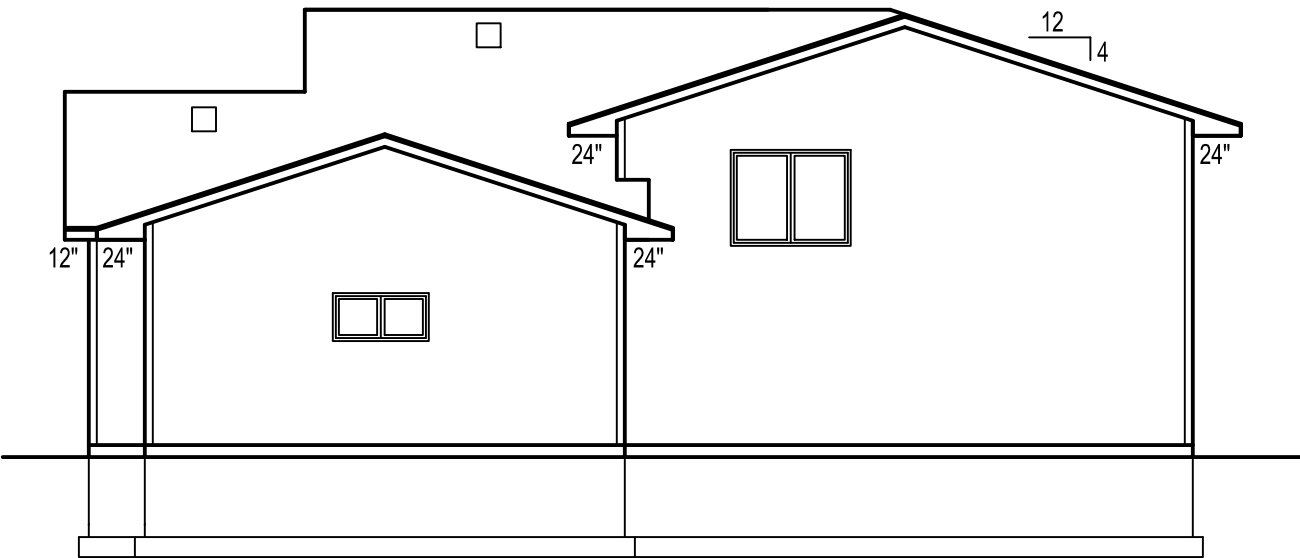
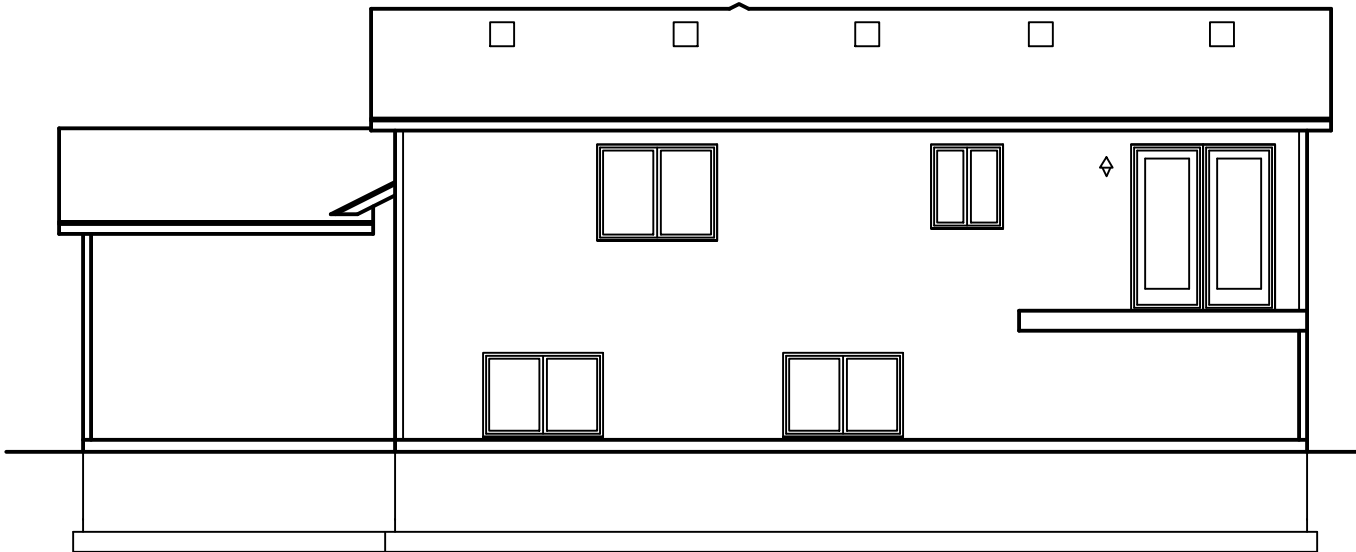




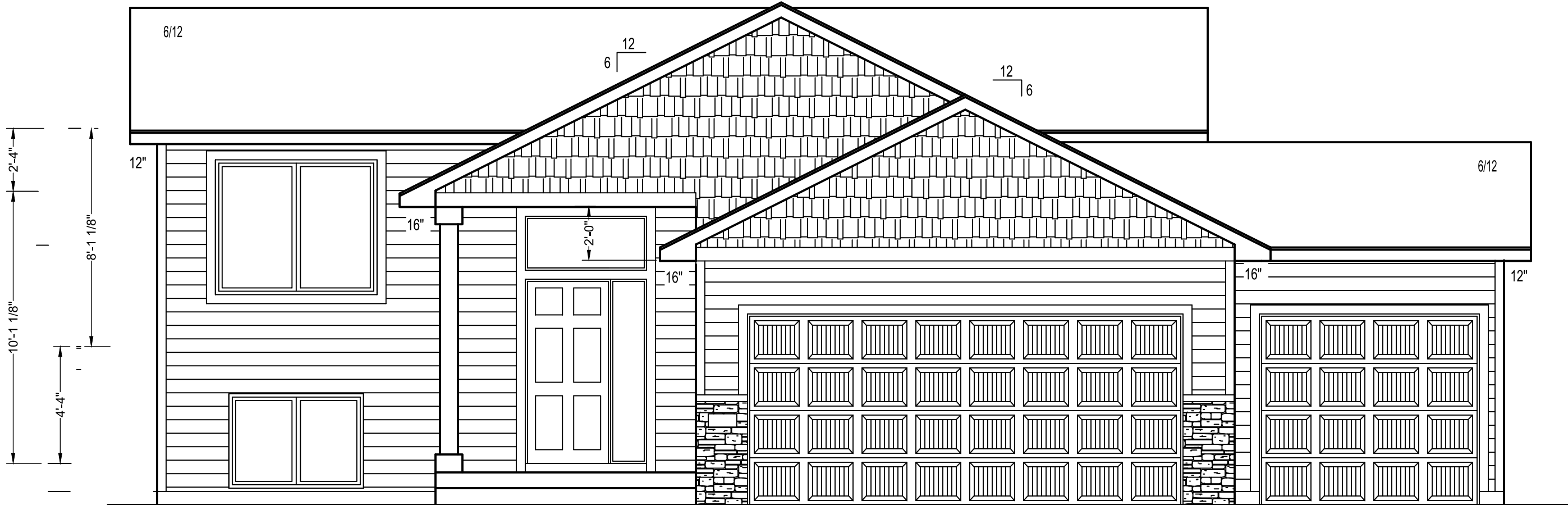
SIDE ELEVATION
SCALE=1/8"



SIDE ELEVATION
SCALE=1/8"



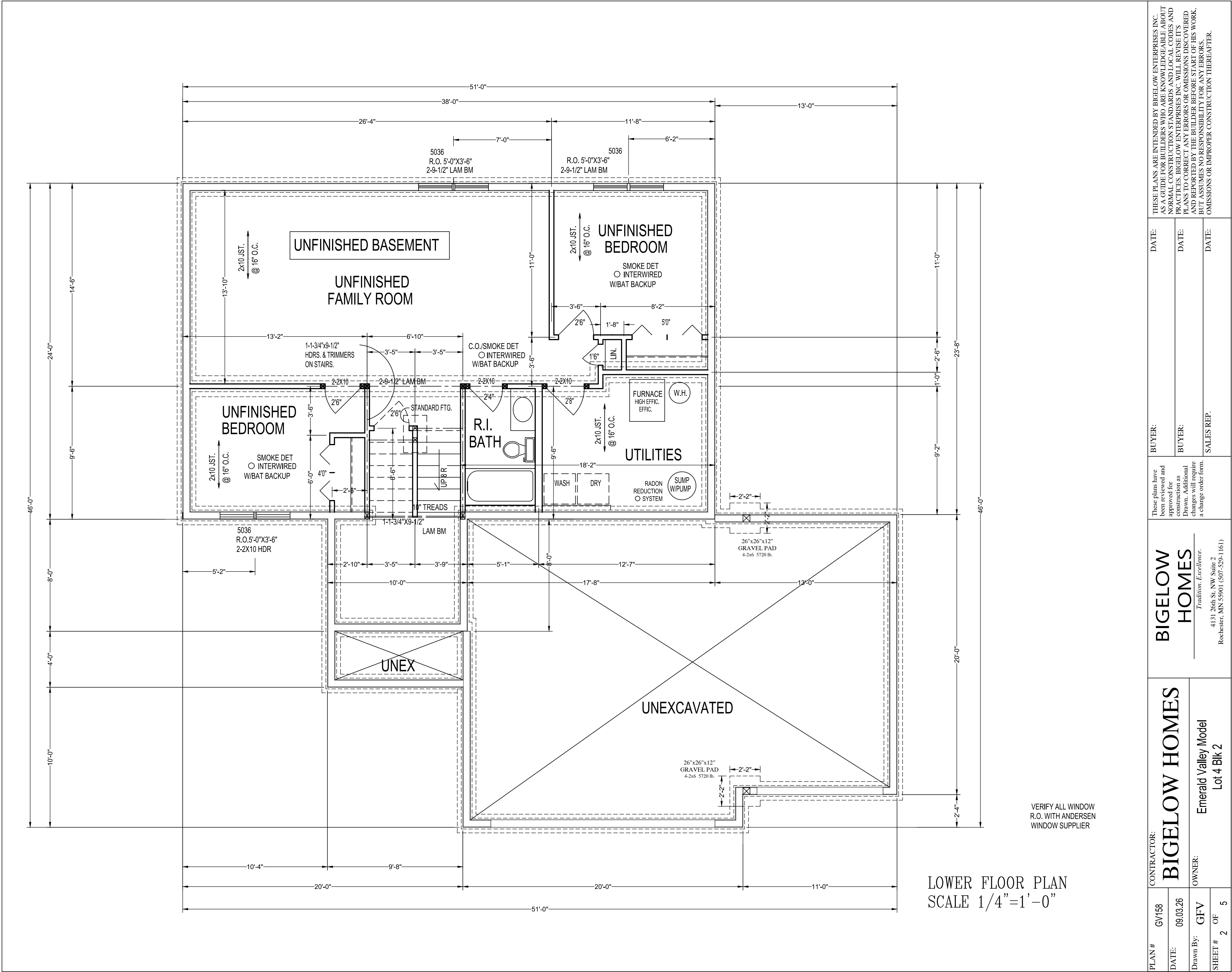
REAR ELEVATION
SCALE=1/8"



HOUSE #

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

CONTRACTOR:		BIGELOW HOMES		These plans have been reviewed and approved for construction as Drawn. Additional changes will require a change order form. BUYER: DATE: BUYER: DATE: SALES REP. DATE: THESE PLANS ARE INTENDED BY BIGELOW ENTERPRISES INC. AS A GUIDE FOR BUILDERS WHO ARE KNOWLEDGEABLE ABOUT NORMAL CONSTRUCTION STANDARDS AND LOCAL CODES AND PRACTICES. BIGELOW ENTERPRISES INC. WILL REVISE ITS PLANS TO CORRECT ANY ERRORS OR OMISSIONS DISCOVERED AND REPORTED BY THE BUILDER BEFORE START OF HIS WORK. BUT ASSUMES NO RESPONSIBILITY FOR ANY ERRORS, OMISSIONS OR IMPROPER CONSTRUCTION THEREAFTER.
PLAN #	GV158			
DATE:	09.03.26			
OWNER:		Emerald Valley Model		
Drawn By:	GFV	Lot 4 Blk 2		
SHEET #	1	OF 5		
		4131 26th St. NW Suite 2		
		Rochester, MN 55901 (507-529-1161)		



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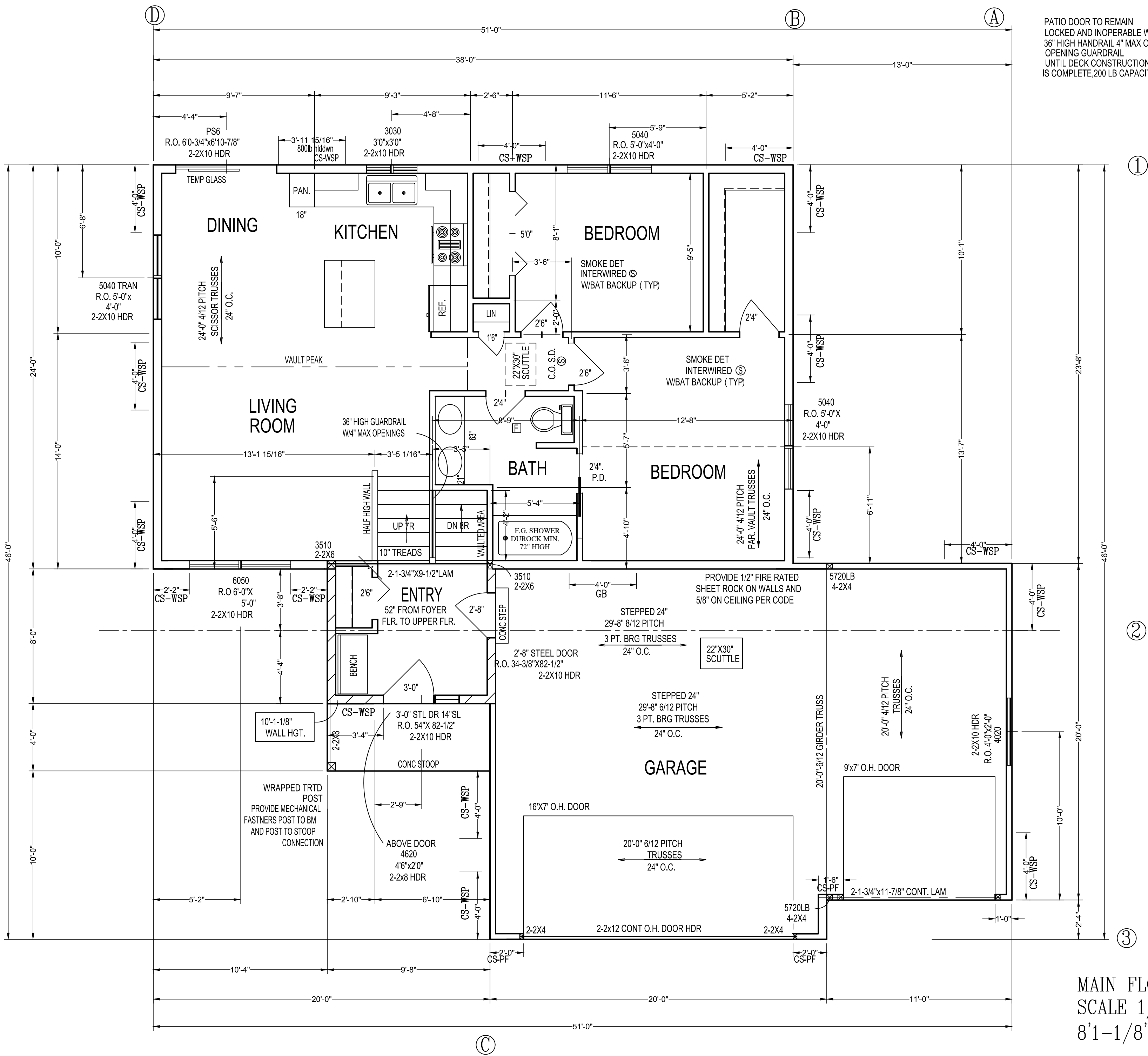
DATE:	BUYER:
DATE:	BUYER:
DATE:	SALES REP.

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CONTRACTOR:	OWNER:
BIGELOW HOMES	Emerald Valley Model
	Lot 4 Blk 2

PLAN #	GV158
DATE:	09.03.26
Drawn By:	GFV
SHEET #	2 OF 5



MAIN FLOOR PLAN
SCALE 1/4"=1'-0"
8'-1 1/8" PLATE

CONTRACTOR: BIGELOW HOMES		OWNER: Emerald Valley Model Lot 4 Blk 2	
PLAN # GV158	DATE: 09.03.26	Drawn By: GFV	SHEET # 3 OF 5
BUYER: DATE: BUYER: DATE: SALES REP. DATE:			
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DESCRIPTION: MAIN FLOOR

ADJUSTMENT CALCULATION EXAMPLE										
BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<115 mph)										
BRACED WALL LINE	BRACING METHOD TABLE R602.10.5	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HEIGHT TOTAL	NUMBER BRACED WALL LINES	REQUIRED BRACING LENGTH (FEET)	PROVIDED BRACING LENGTH (FEET)	
1	CS-WSP	28.0 FT.	4.7 FT.	1.0	1.0	0.90	1.3	5.5 FT.	12.0 FT.	
2	CS-WSP	28.0 FT.	4.7 FT.	1.0	1.0	0.90	1.3	5.5 FT.	12.0 FT.	
3	CS-WSP	20.0 FT.	3.5 FT.	1.0	1.0	0.95	1.3	4.5 FT.	6.0 FT.	

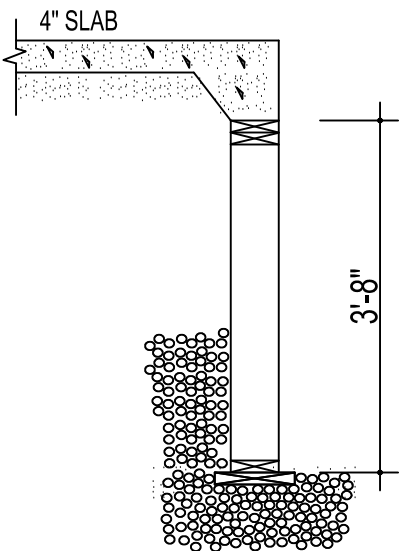
DESCRIPTION: MAIN FLOOR

ADJUSTMENT CALCULATION EXAMPLE										
BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<115 mph)										
BRACED WALL LINE	BRACING METHOD TABLE R602.10.5	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HEIGHT TOTAL	NUMBER BRACED WALL LINES	REQUIRED BRACING LENGTH (FEET)	PROVIDED BRACING LENGTH (FEET)	
A	CS-WSP	30.0 FT.	5.0 FT.	1.0	1.0	0.90	1.45	6.5 FT.	8.0 FT.	
B	CS-WSP	38.0 FT.	5.8 FT.	1.0	1.0	0.90	1.45	7.5 FT.	12.0 FT.	
C	CS-WSP	30.0 FT.	5.0 FT.	1.0	1.0	0.90	1.45	6.5 FT.	8.0 FT.	
D	CS-WSP	38.0 FT.	5.8 FT.	1.0	1.0	0.90	1.45	7.6 FT.	12.0 FT.	

TABLE 602.10.6.4									
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)W					
				Ultimate Design Wind Speed Vult (mph)					
				110	115	130	110	115	130
				Exposure B			Exposure C		
2 x 4 No.2 Grade	0	10	18	1000	1000	1000	1000	1000	1050
	1	10	9	1000	1000	1000	1000	1000	1750
			16	1000	1025	2050	2075	2500	3950
			18	1000	1275	2375	2400	2850	DR
	2	10	9	1000	1000	1475	1500	1875	3125
			16	1775	2175	3525	3550	4125	DR
			18	2075	2500	3950	3975	DR	DR
	2	12	9	1150	1500	2650	2675	3175	DR
			16	2875	3375	DR	DR	DR	DR
			18	3425	3975	DR	DR	DR	DR
	4	12	9	2275	2750	DR	DR	DR	DR
			12	3225	3775	DR	DR	DR	DR
2 x 6 Stud Grade	2	12	9	1000	1000	1700	1700	2025	3050
			16	1825	2150	3225	3225	3675	DR
			18	2200	2550	3750	3750	DR	DR
	4	12	9	1450	1750	2700	2725	3125	DR
			16	2050	2400	DR	DR	DR	DR
			18	3350	3800	DR	DR	DR	DR
For St: 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

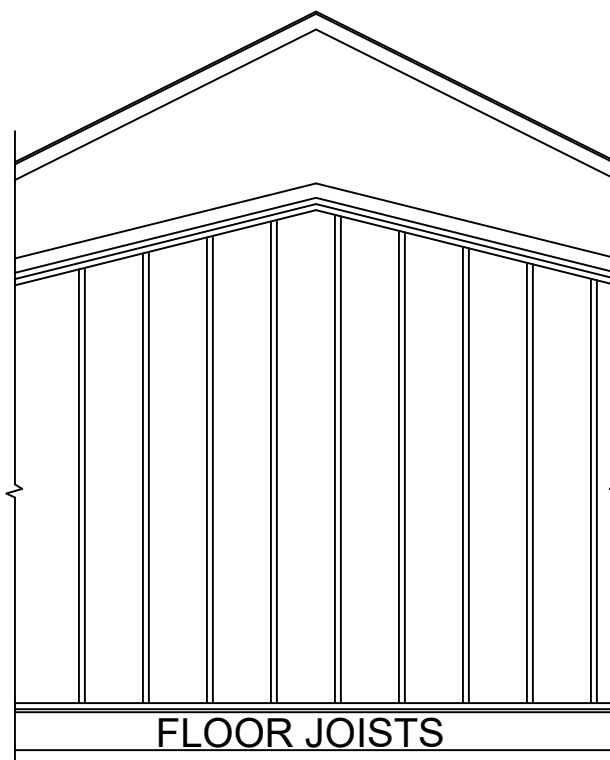
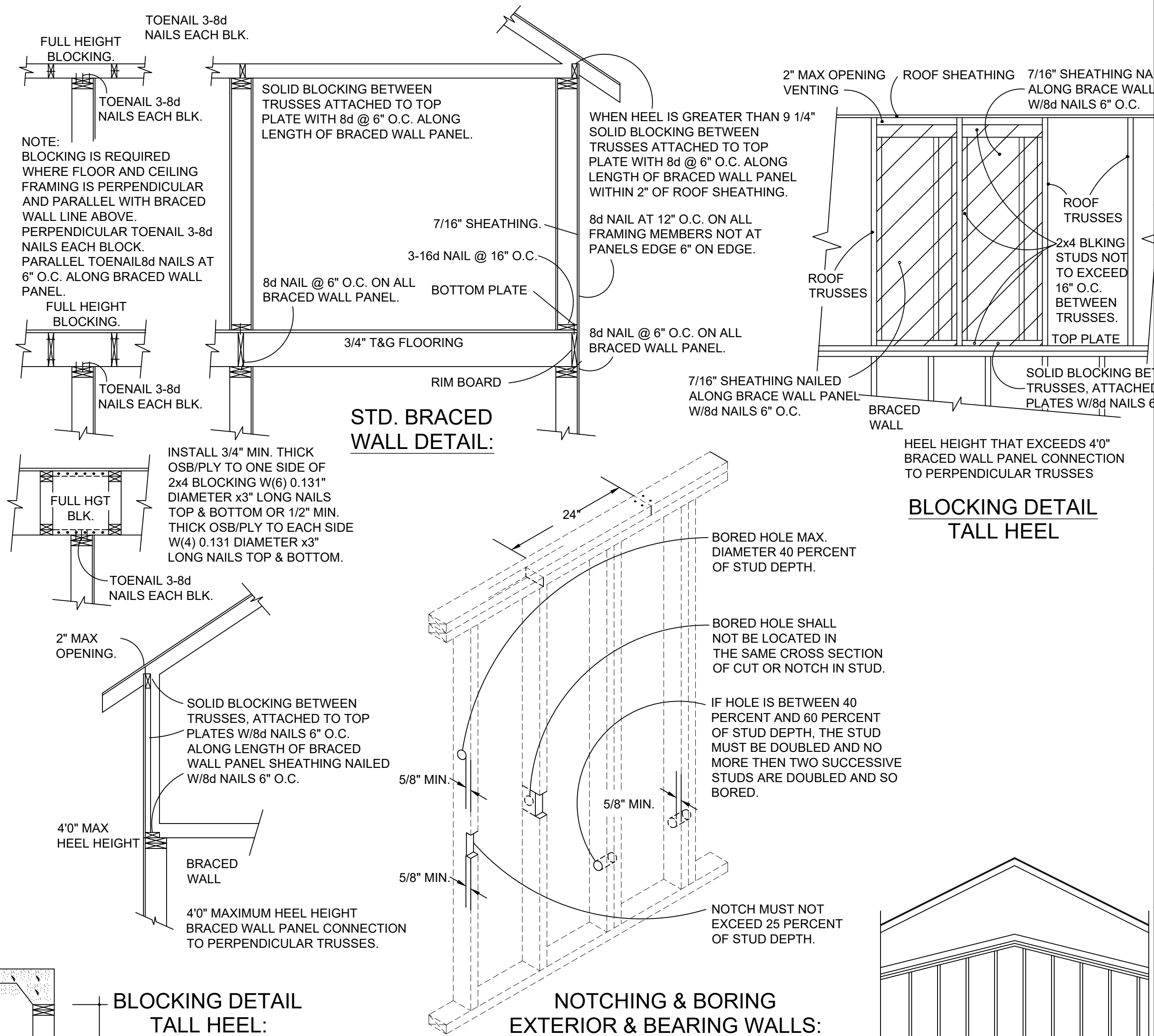
- ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANELS.
- CS-WSP ON PLANS INDICATE AREAS OF BRACED PANELS.
- BRACED PANELS SHALL BE CONSTRUCTED WITH 16" O.C. STUDS. TOP PLATE FASTENED TO SOLID FRAMING WITH 8D NAILS 6" O.C. BOTTOM PLATES FASTENED TO SOLID FRAMING W/3-16D NAILS 16" O.C. 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.



BLOCKING DETAIL TALL HEEL:

STOOP:

- 2x10 .60 TRT. FOOTING PLATE.
- 2x6 .60 TRT. BTM. PLATE.
- 2x6 .60 TRT. WALL STUDS 24" O.C.
- SEE MAIN FOUNDATION FOR DETAILS PROVIDE METAL FLASHING BETWEEN CONCRETE STOOP AND RIM.



WHEN SCISSOR TRUSSES ARE USED THE GABLE END FRAME SHALL MATCH THE PROFILE OF THE SCISSOR TRUSSES ADJACENT TO IT FOR PROPER BOTTOM CHORD PLANE BRACING TO BE INSTALLED.

ALL OPENING IN EXTERIOR WALL OF BALLOON FRAME SHOULD HAVE A MIN. OF TWO KING STUDS ON EACH SIDE OF OPENING TO RESIST WIND LOAD.

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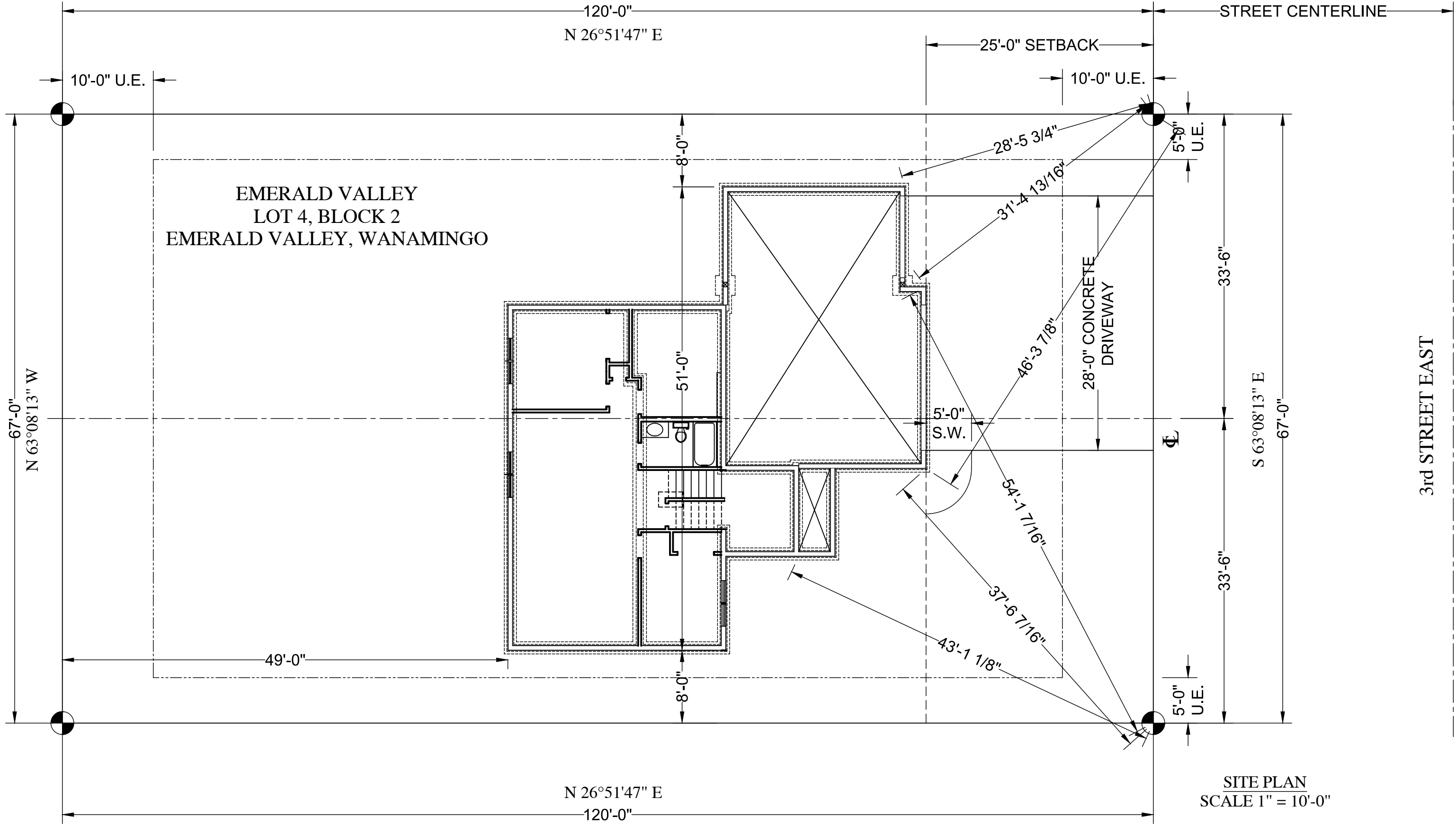
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BIGELOW HOMES Emerald Valley Model Lot 4 Blk 2

PLAN # GV158 DATE: 09.03.26 Drawn By: GFV SHEET # 5 OF 5



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BIGELOW HOMES

OWNER: Emerald Valley Model
Lot 4 Blk 2

PLAN #	GV158
DATE:	09.03.26
Drawn By:	GFV
SHEET #	1 OF 1