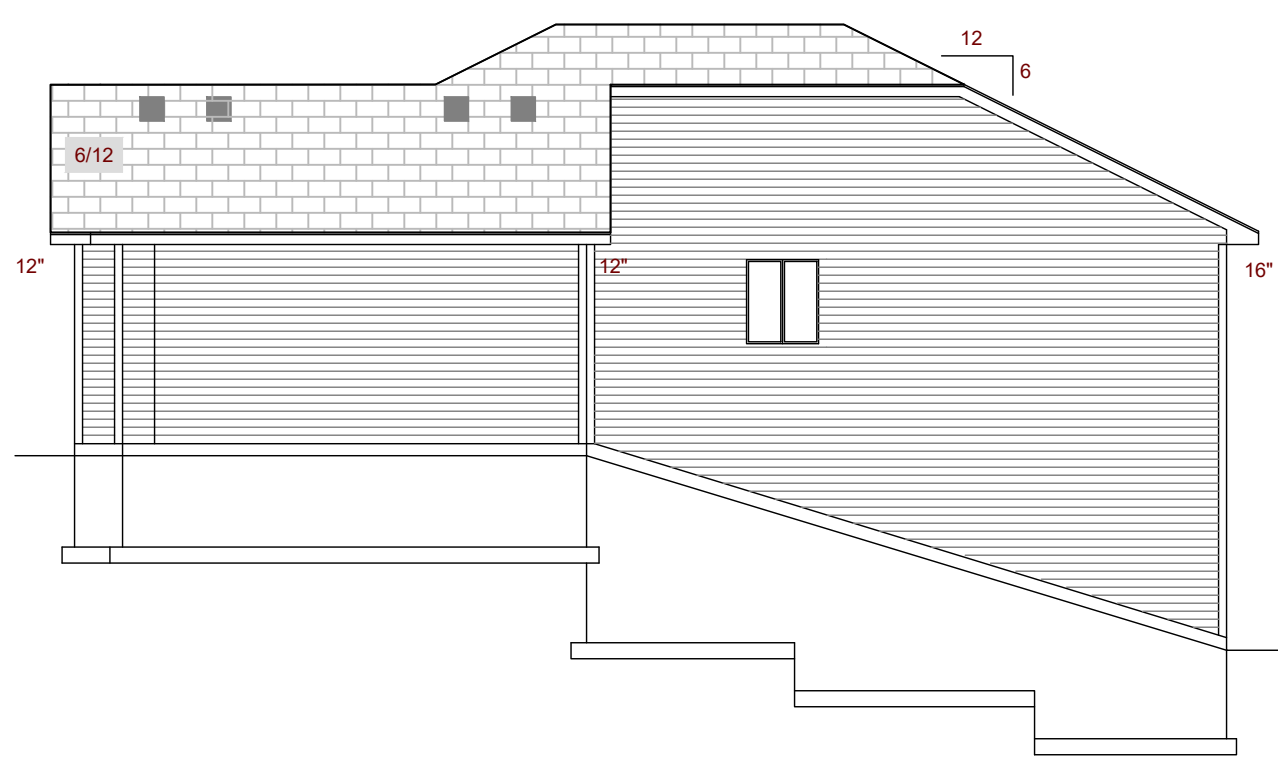


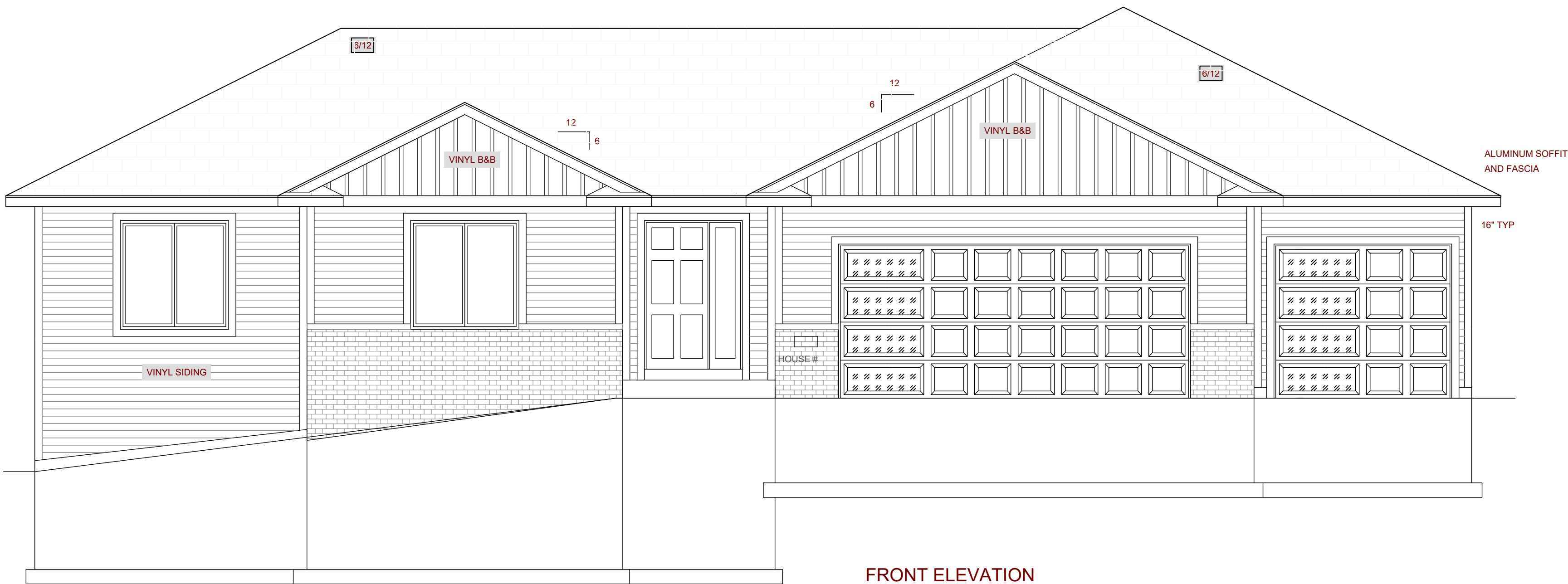
LEFT ELEVATION
SCALE= 1/8"



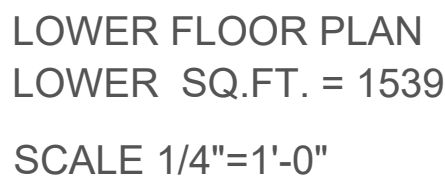
RIGHT ELEVATION
SCALE= 1/8"



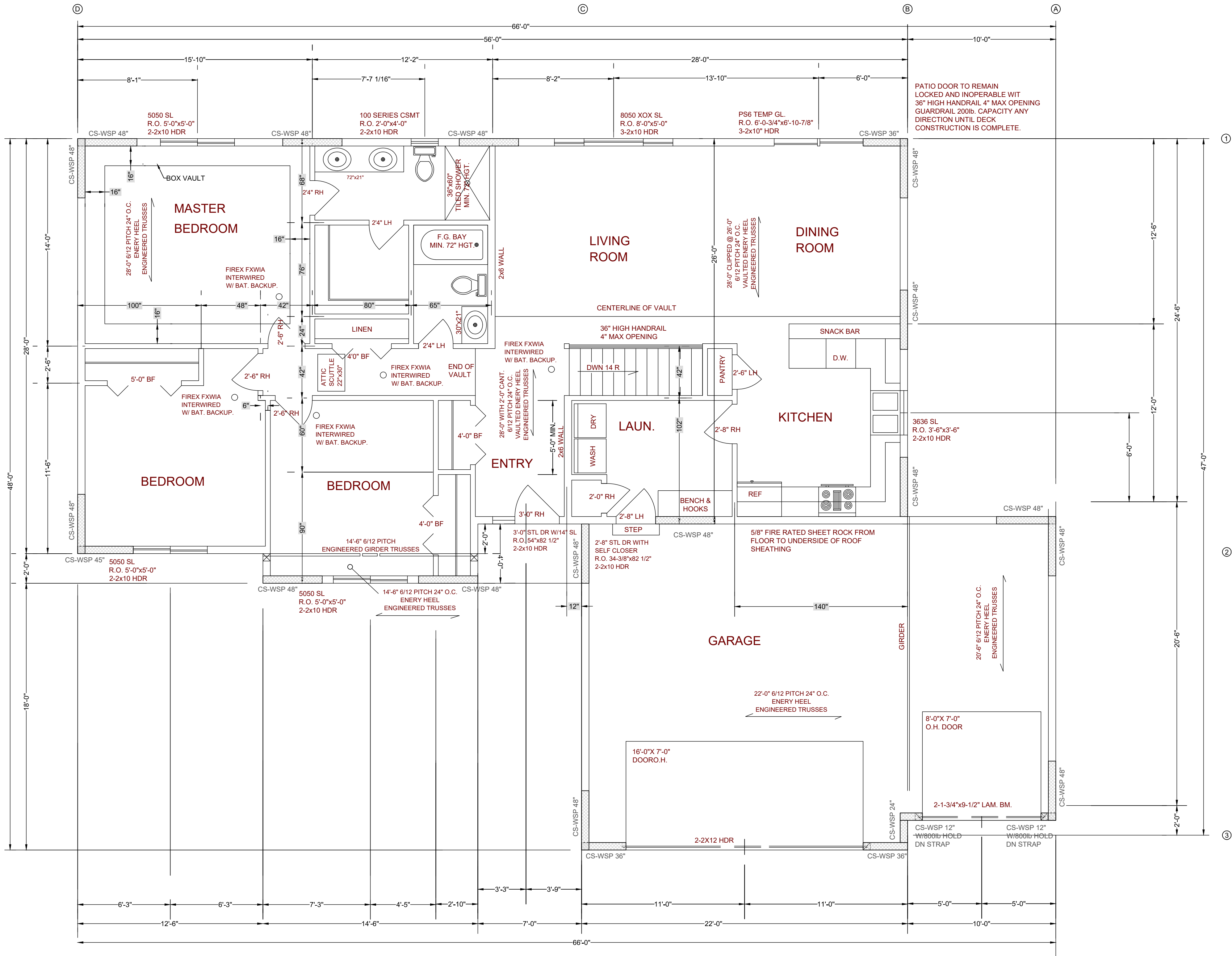
REAR ELEVATION
SCALE= 1/8"



FRONT ELEVATION
SCALE= 1/4"



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

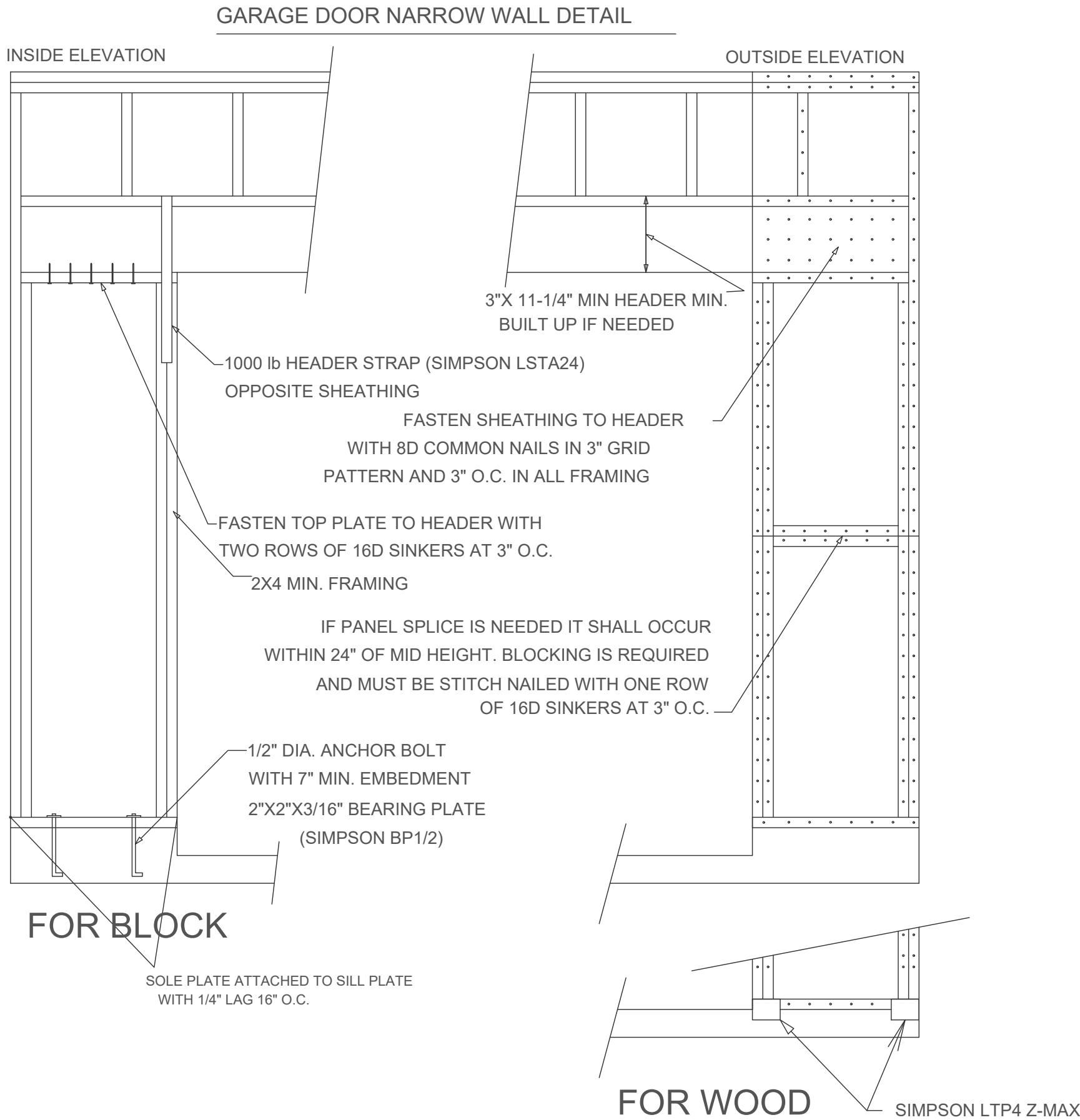


NOTE: WDWS WIDER THAN 4'-1"
TO HAVE 2-2X6 CRIPPLE

VERIFY ALL WINDOW
R.O. WITH ANDERSEN
WINDOW SUPPLIER

MAIN FLOOR PLAN
SCALE 1/4"=1'-0"
HOUSE SQ.FT. = 1539
GARAGE SQ.FT. = 689
MAIN LEVEL 9' CEILINGS

PLAN #		CONTRACTOR:		BIGELOW HOMES		BIGELOW HOMES <i>Tradition. Excellence.</i> 4131 26th St. NW Suite 2 Rochester, MN 55901 (507-529-1161)		These plans have been reviewed and approved for construction as Drawn. Additional changes will require a change order form.		BUYER:		DATE:	
DATE:		03.11.25								BUYER:		DATE:	
Drawn By:		GFV		OWNER:		SALES REP.				DATE:			
SHEET #		3 OF 5		Highlands Model Highlands of Zumbrota 4th Lot 1 Block 5									



DISCRIPTION: MAIN FLOOR

BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<115mph)									
BRACED WALL LINE	BRACING METHOD TABLE R602.10.4.1	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HIGHT TOTAL	NUMBER BRACED WALL LINES	REQUIRED BRACING LENGTH (FEET)	PROVIDED BRACING LENGTH
①	CS-WSP	56 FT.	10	1.0	1.0	0.95	1.45	13.75'	15'-0"
②	CS-WSP	66 FT.	10.48	1.0	1.0	0.95	1.45	14.5'	20'-0"
③	CS-WSP	32 FT.	5.10	1.0	1.0	0.95	1.45	7.0'	8'-0" WITH STRAP

DISCRIPTION: MAIN FLOOR

BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<115mph)									
BRACED WALL LINE	BRACING METHOD TABLE R602.10.4.1	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HIGHT TOTAL	NUMBER BRACED WALL LINES	REQUIRED BRACING LENGTH (FEET)	PROVIDED BRACING LENGTH
A	CS-WSP	21 FT.	3.53	1.0	1.0	0.95	1.6	5.4'	8.0'
B	CS-WSP	47 FT.	7.4	1.0	1.0	0.95	1.6	11.25'	14.0'
C	CS-WSP	21 FT.	3.53	1.0	1.0	0.95	1.6	5.4'	8.0'
D	CS-WSP	28 FT.	5.2	1.0	1.0	0.95	1.6	7.5'	8.0'

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)a											
				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	1000	1050					
	1	10	9	1000	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	DR					
			12	3225	3775	DR	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 SI: 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.

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.

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

These plans have been reviewed and approved for construction as Drawn. Additional changes will require a change order form.

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

CONTRACTOR: BIGELOW HOMES OWNER: Highlands Model Highlands of Zumbrota 4th Lot 1 Block 5

PLAN # GV055 DATE: 03.11.25 Drawn By: GFV SHEET # 5 OF 5