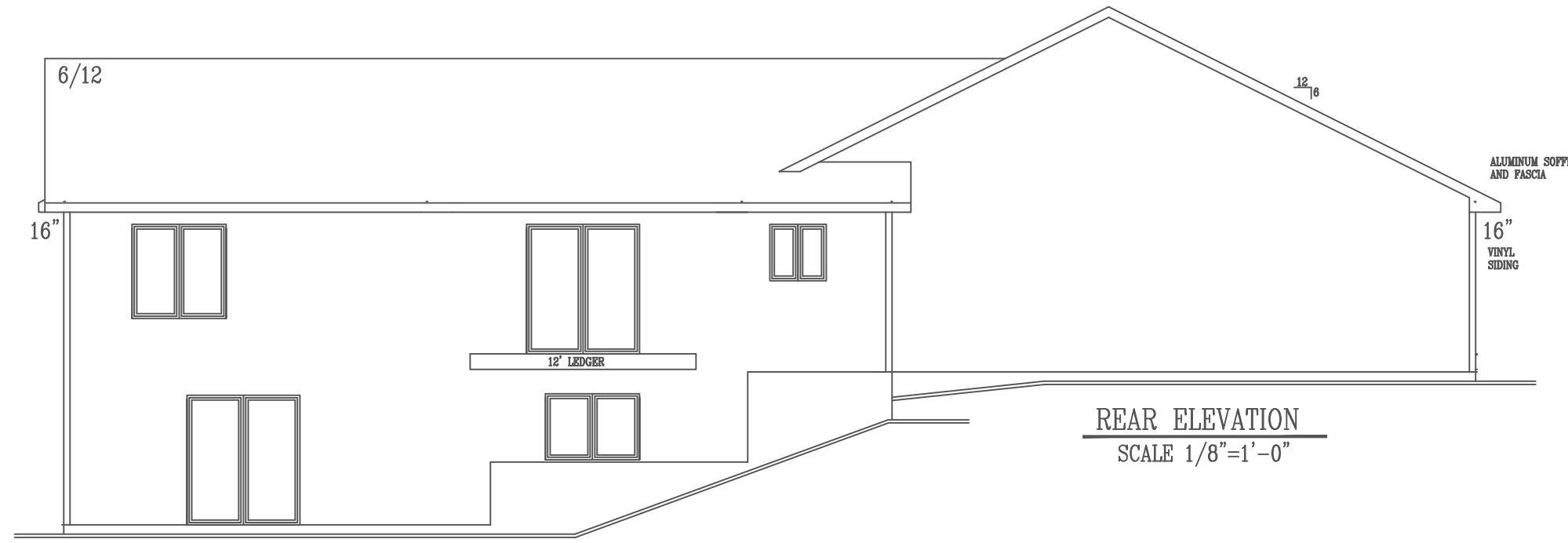
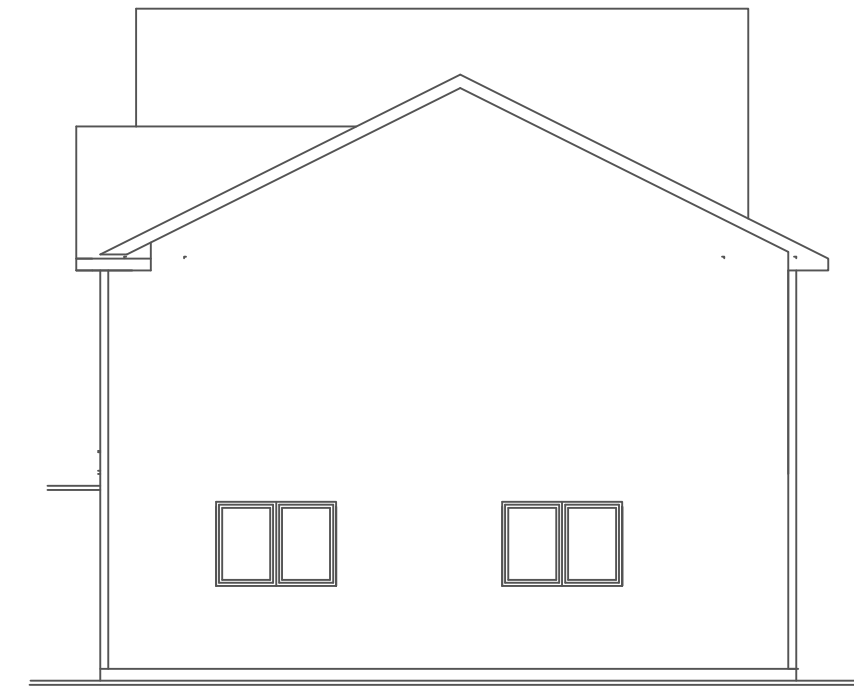




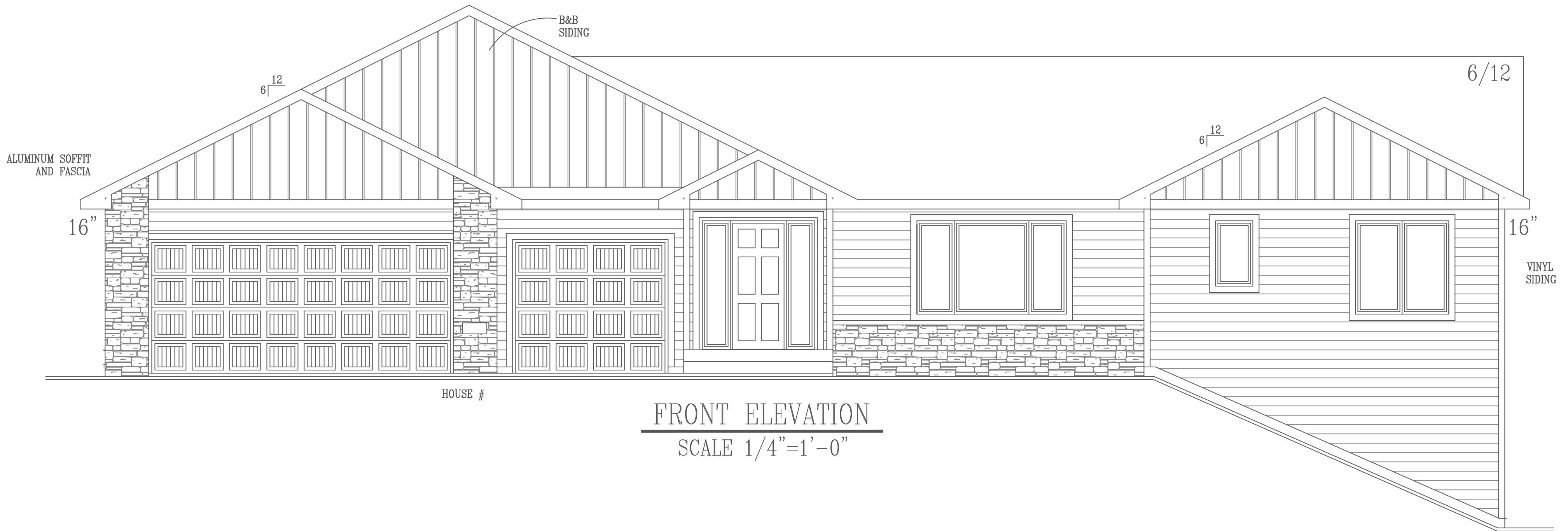
LEFT ELEVATION
SCALE 1/8"=1'-0"



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



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



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

PROGRESSIVE PLAN
DESIGN LLP

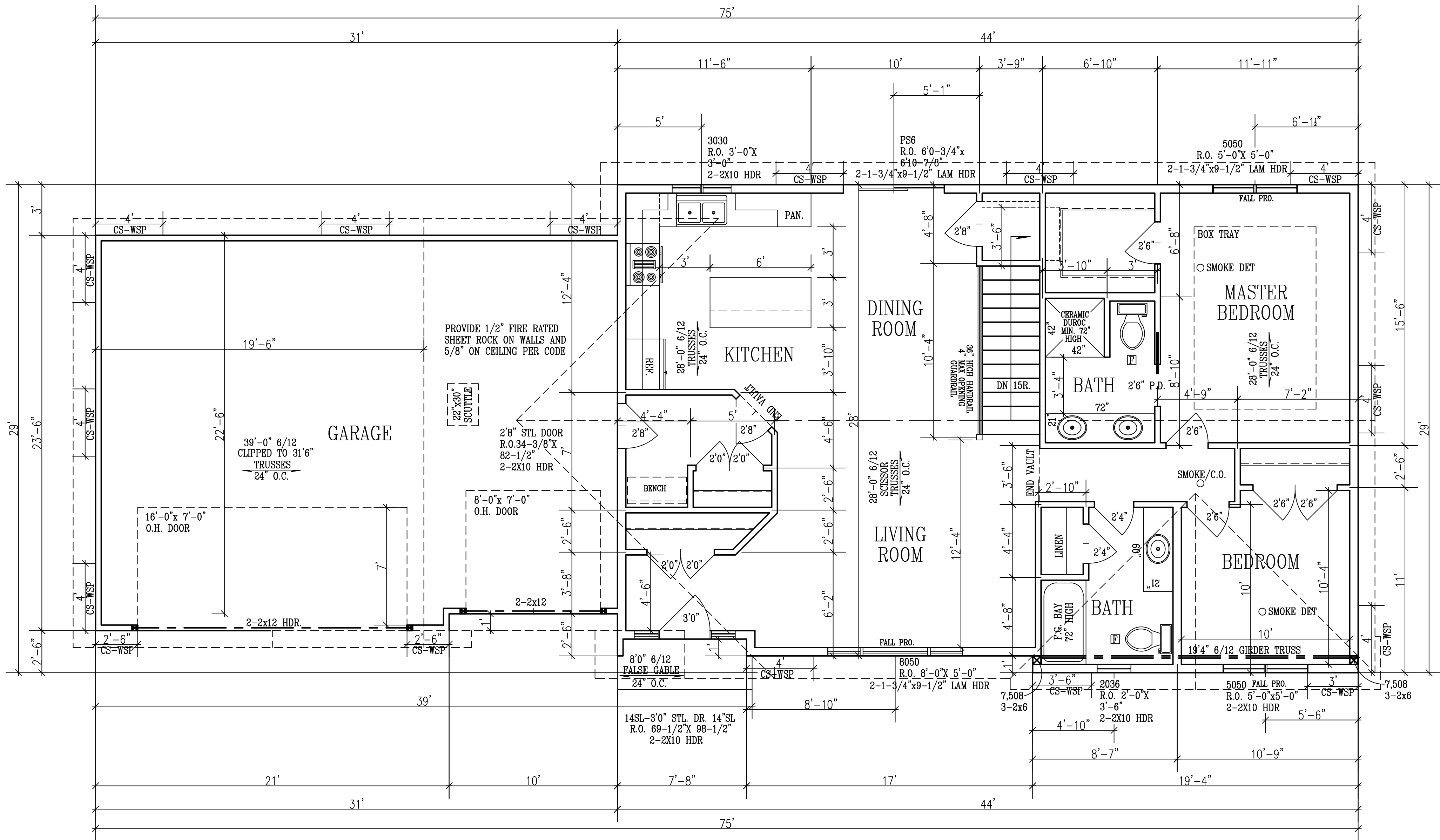
RESIDENTIAL ARCHITECTURE
714 County RD. 3 NW Byron MN. 55920
(507-775-6677) progressiveplandesign@gmail.com

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CONTRACTOR:
BIGELOW/LENNON

OWNER:
H.O.Z. 1ST. #10-8
HIGHLANDS OF ZUMBROTA

DRAWN BY:	B.B.
DATE:	01-10-22
SQ. FT.:	1,246.00'
JOB NUM.:	2112813
SCALE:	NOTED
SHEET:	OF:



VERIFY ALL WINDOW
R.O. WITH ANDERSEN
WINDOW SUPPLIER

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

**PROGRESSIVE PLAN
DESIGN LLP**

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714 County Rd. 3 NW Byron MN 55920
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Acknowledged by _____ Customer/Contractor Signature _____ Date _____

BIGELOW/LENNON

**H.O.Z. 1ST. #10-8
HIGHLANDS OF ZUMBROTA**

CONTRACTOR:

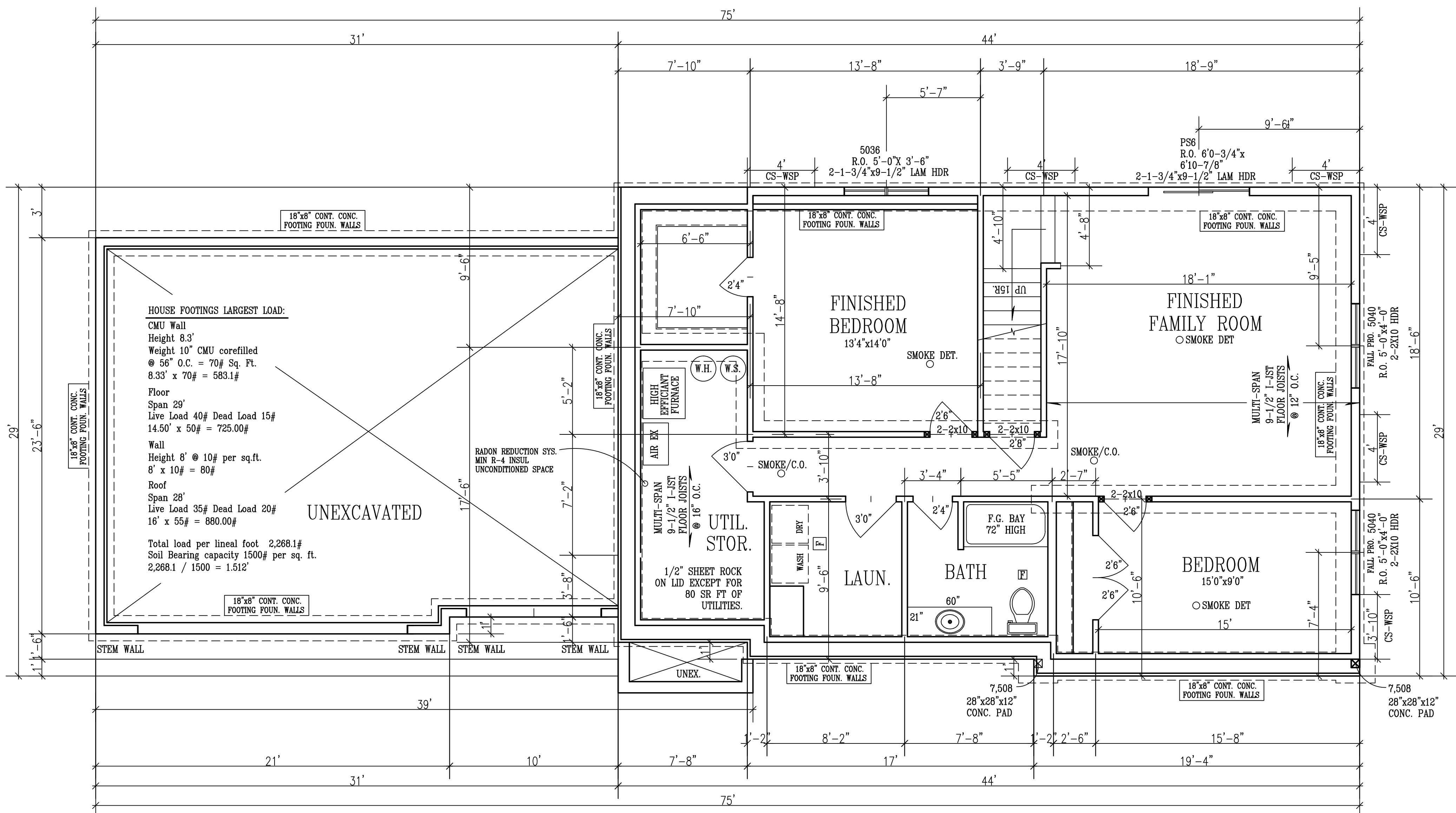
OWNER:

DRAWN BY:	B.B.
DATE:	01-10-22
SQ. FT.:	1,243.83
JOB NUM.:	2112813
SCALE:	NOTED
SHEET:	OF:

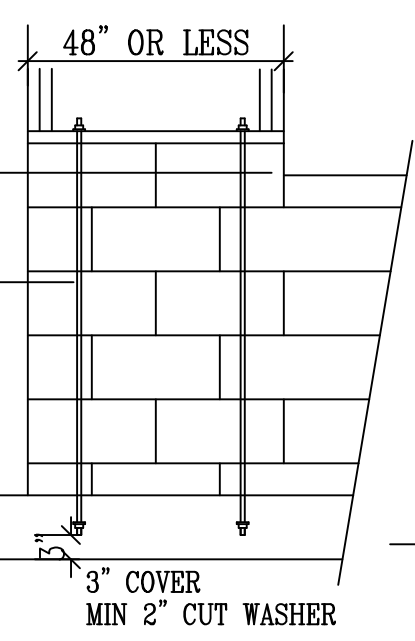
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CONTRACTOR: BIGELOW/LENNON
OWNER: H.O.Z. 1ST. #10-8
HIGHLANDS OF ZUMBROTA

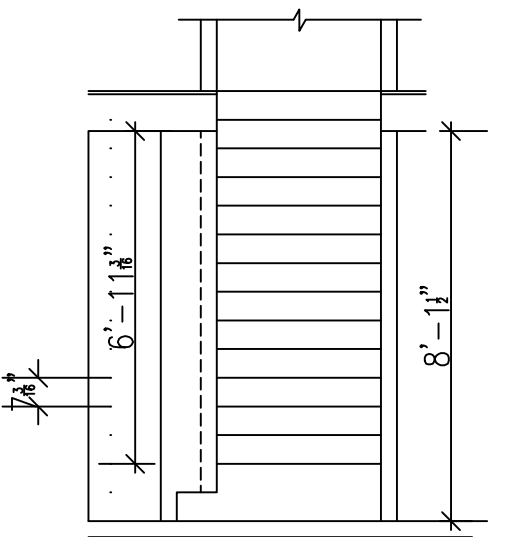
DRAWN BY: B.B.
DATE: 01-10-22
SQ. FT. 1,243.83
JOB NUM. 2112813
SCALE: NOTED
SHEET: OF



HOUSE FOOTINGS LARGEST LOAD:
CMU Wall
Height 8.3'
Weight 10" CMU corefilled
@ 56" O.C. = 70# Sq. Ft.
8.33' x 70# = 583.1#
Floor
Span 29'
Live Load 40# Dead Load 15#
14.50' x 50# = 725.00#
Wall
Height 8' @ 10# per sq.ft.
8' x 10# = 80#
Roof
Span 28'
Live Load 35# Dead Load 20#
16' x 55# = 880.00#
Total load per lineal foot 2,268.1#
Soil Bearing capacity 1500# per sq. ft.
2,268.1 / 1500 = 1.512'



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



VERIFY ALL WINDOW
R.O. WITH ANDERSEN
WINDOW SUPPLIER

12-1/2" CRS. BSMNT.
LOWER FLOOR PLAN
SCALE 1/4"=1'-0"

DISCRIPTION: MAIN FLOOR

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 HEIGHT TOTAL	* ADJUSTMENT CALCULATION EXAMPLE		
							REQUIRED BRACING LENGTH	EXPOSURE FACTOR	ROOF TO EAVE TOTAL
①	CS-WSP	32 FT.	5.2	1.0	0.88	0.90	1.0	4.1'	16.0'
②	CS-WSP	32 FT.	5.2	1.0	0.88	0.90	1.0	4.1'	12.67'

DISCRIPTION: MAIN FLOOR

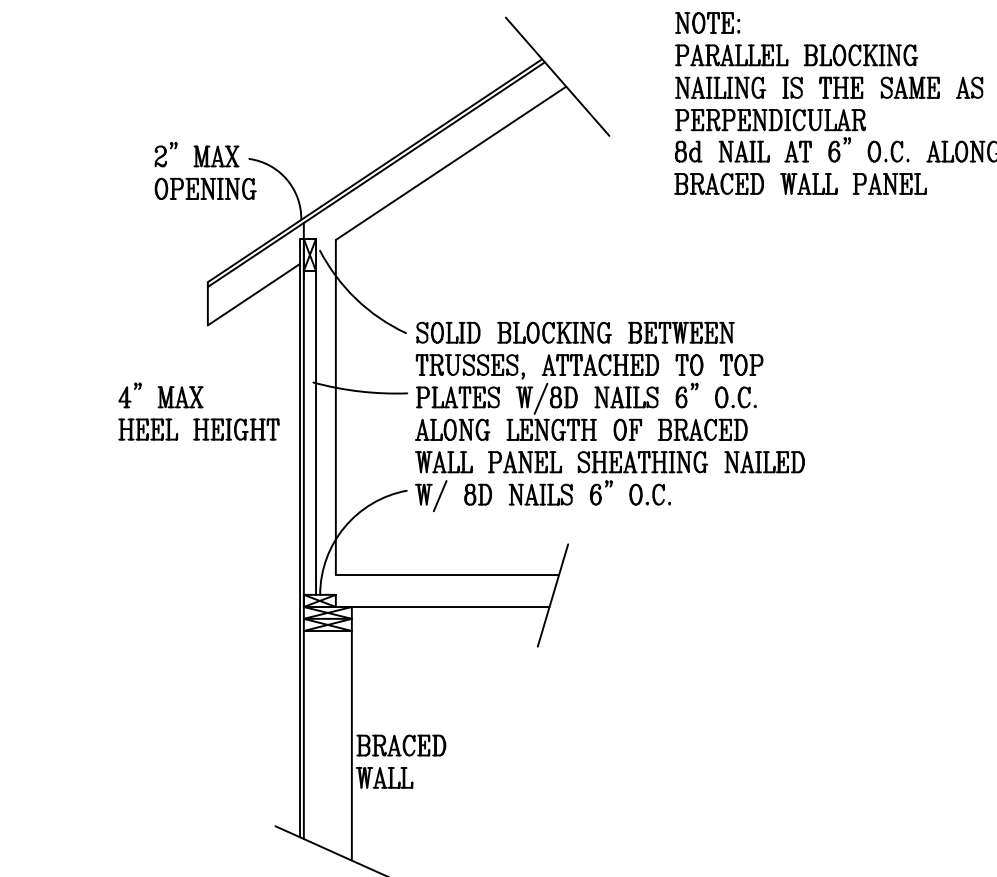
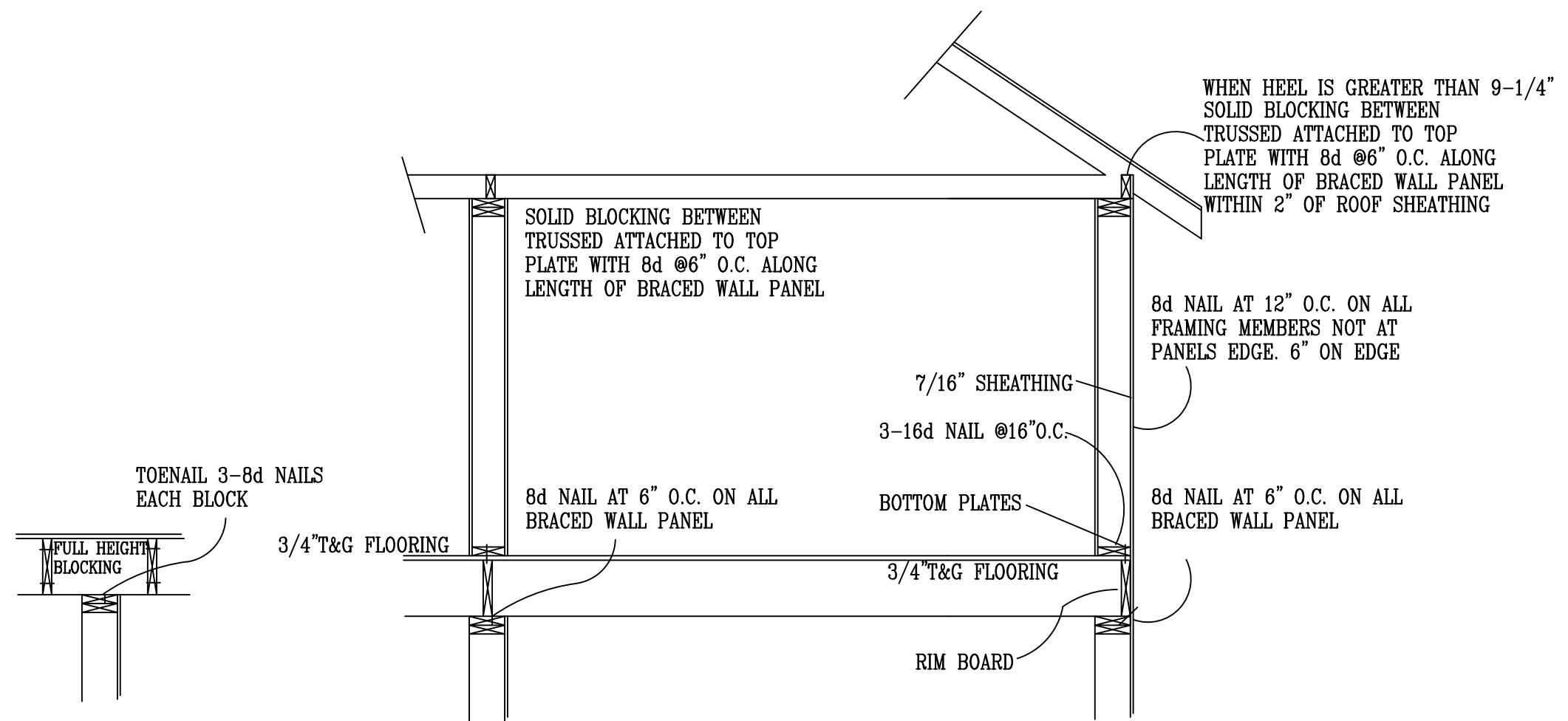
BRACED WALL LINE	BRACING METHOD TABLE R602.10.4.1	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HEIGHT TOTAL	* ADJUSTMENT CALCULATION EXAMPLE		
							REQUIRED BRACING LENGTH	EXPOSURE FACTOR	ROOF TO EAVE TOTAL
A	CS-WSP	31 FT.	5.1	1.0	0.88	0.90	1.3	5.25'	12.0'
B	CS-WSP	35 FT.	5.5	1.0	0.88	0.95	1.3	5.98'	12.0'
C	CS-WSP	35 FT.	5.5	1.0	0.88	0.95	1.3	5.98'	12.0'

DISCRIPTION: LOWER FLOOR

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 HEIGHT TOTAL	* ADJUSTMENT CALCULATION EXAMPLE		
							REQUIRED BRACING LENGTH	EXPOSURE FACTOR	ROOF TO EAVE TOTAL
①	CS-WSP	40 FT.	12.0	1.0	0.88	0.90	1.0	9.5'	12.0'
②	CS-WSP	40 FT.	12.0	1.0	0.88	0.90	1.0	9.5'	12.0'

DISCRIPTION: LOWER FLOOR

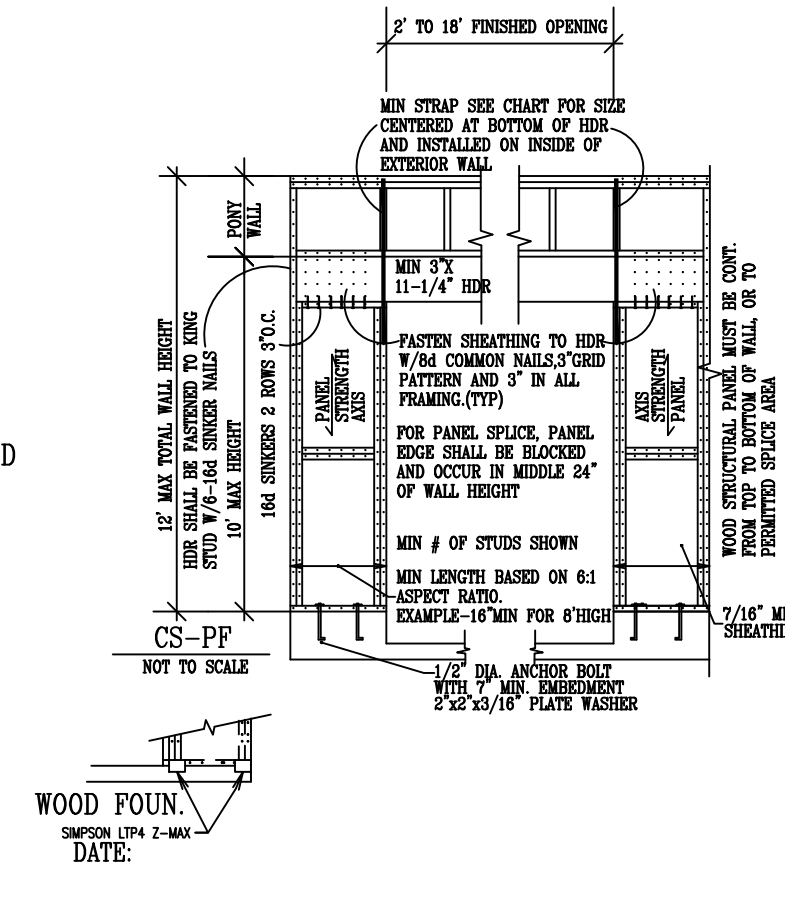
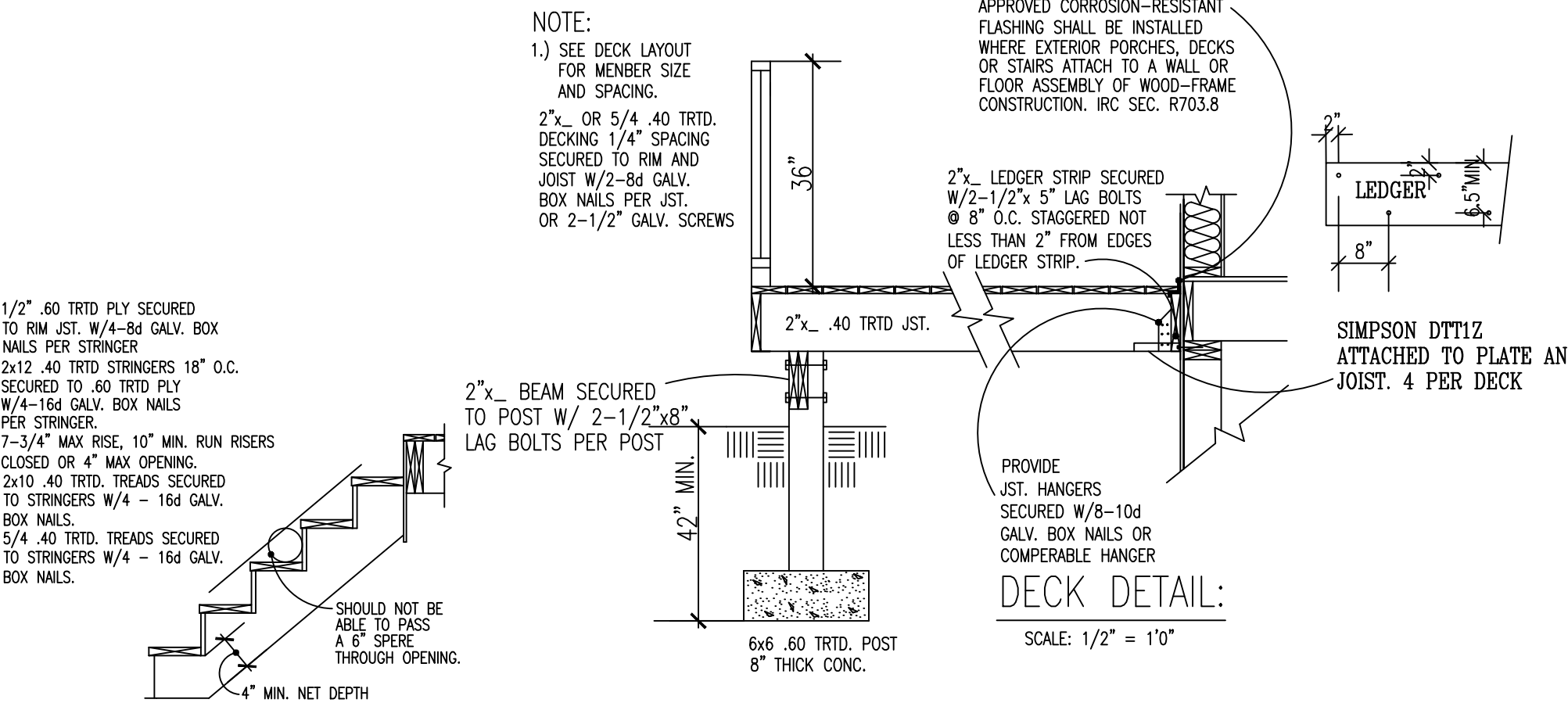
BRACED WALL LINE	BRACING METHOD TABLE R602.10.4.1	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HEIGHT TOTAL	* ADJUSTMENT CALCULATION EXAMPLE		
							REQUIRED BRACING LENGTH	EXPOSURE FACTOR	ROOF TO EAVE TOTAL
A	CS-WSP	28 FT.	8.0'	1.0	0.88	0.90	1.0	6.3'	12.0'
B	CS-WSP	28 FT.	8.0'	1.0	0.88	0.90	1.0	6.3'	12.0'



GB BRACED WALL PLATE FASTENED TO FLOOR W/ 3-16d NAILS @ 16\"/>

NOTE: BLOCK IS REQUIRED WHERE JOISTS ARE PERPENDICULAR AND IN LINE WITH BRACED WALL LINE ABOVE

WALL BRACING NOTES CS-WSP
 1. ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANELS
 2. CS-WSP ON PLANS INDICATE AREAS OF BRACED PANELS
 3. BRACED PANELS SHALL BE CONSTRUCTED WITH 16\"/>



MIN WALL STUD FRAMING NOMINAL SIZE AND GRADE	MAXIMUM PONY WALL HEIGHT	MAXIMUM TOTAL WALL HEIGHT	MAXIMUM OPENING WIDTH	TENSION STRAP CAPACITY REQ. 90 MPH WIND	
				EXPOSURE B	EXPOSURE C
2X4 NO.2 GRADE	0	10	18	1000	1000
			9	1000	1000
			16	1000	2325
	1	10	18	1200	2725
			9	1000	1550
			16	2025	3900
2	10	18	2400	DR	
		9	1200	2750	
		16	3200	DR	
2	12	18	3850	DR	
		9	2350	DR	
		16	DR	DR	
4	12	16	DR	DR	
		9	1000	1750	
		18	2050	3550	
2X6 STUD GRADE	2	12	18	2450	4100
			9	1500	2775
			16	3150	DR
4	12	18	16	3675	DR

PROGRESSIVE PLAN DESIGN LLP
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CONTRACTOR: BIGELOW/LENNON
 OWNER: H.O.Z. 1ST. #10-8 HIGHLANDS OF ZUMBROTA
 DRAWN BY: B.B.
 DATE: 01-10-22
 SQ. FT. 1,246.00'
 JOB NUM. 2112813
 SCALE: NOTED
 SHEET: OF
 1/4"=1'0" 18x24