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Plan: 310-Millersburg
Customer: Bing
Drawn By: X
Date: 10-23-19
Series: -
Model Number: 6B28443A
Page Number: -
Designation: -

Floor Plan

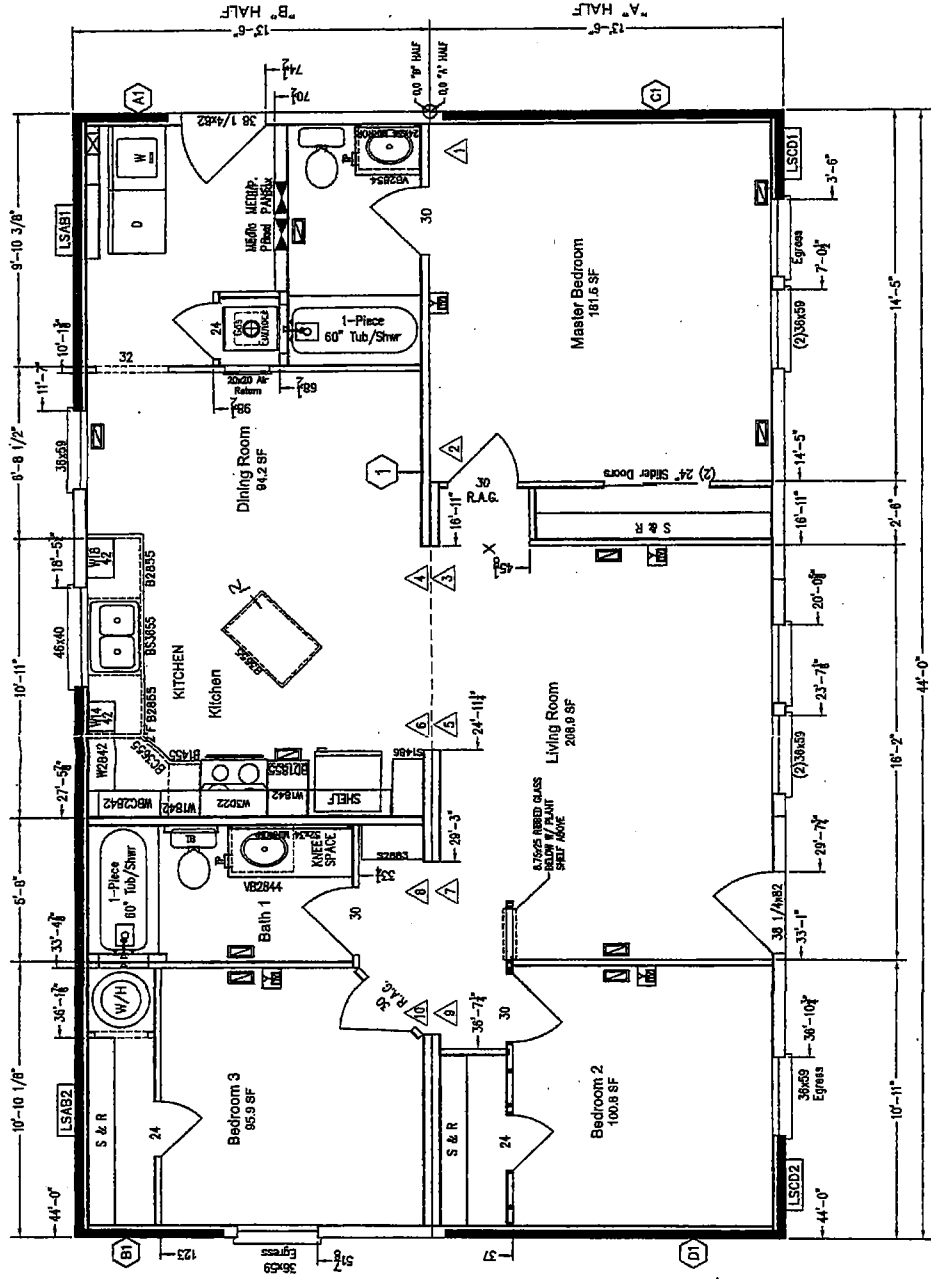
Rev. By: -
Rev. No.: -

Approvals

P.E.

3rd Party:

Ser #: 13663



COLUMNS RANCH STORY
ROOF LOAD: 45 PSF
WIND SPEED: 140 MPH

NO.	STRUT TYPE	NUM	LENGTH	SIZE	BLK	WIDTH	FLOOR	SPAN	LOAD	INPUT
1	2	2	99.875	2x6	Y	162	13'-9"	2784	650	
2	1	3	99.875	2x4	N	162	13'-9"	2784	325	
3	1	1	99.875	2x4	N	162	8'-0"	1620	189	
4	1	1	99.875	2x4	N	162	8'-0"	1620	189	
5	1	1	99.875	2x4	N	162	8'-0"	1620	189	
6	1	1	99.875	2x4	N	162	8'-0"	1620	189	
7	1	1	99.875	2x4	N	162	6'-9"	1367	159	
8	1	1	99.875	2x4	N	162	6'-9"	1367	159	
9	1	1	99.875	2x4	N	162	6'-9"	1367	159	
10	1	1	99.875	2x4	N	162	6'-9"	1367	159	

ASCE 7.05

Truss Spacing: 16' Minimum Roof Diaphragm Connections using: Rd BOX

Diaphragm Connections	Spacing w/Single Fasteners			
	D1(ft)	D2(ft)	D3(ft)	D4(ft)
A	3/2	4/4	3/12	8/6
B	N/A	N/A	8/12	6/12
C	N/A	N/A	8/12	6/12
D	N/A	N/A	8/12	6/12

ASCE 7.05

Roof Pitch: 3/12 Max Elev: 32' MRK: 12.95 FT. Framing: 2x6

Shear Wall Requirements	Wind Zone: 80	Shear Wall HT: 90	SW Spacing	End Nails	# of Straps at SW End	Screw/FI Stud #	Rows of Stud #	Top Plate to Rebar	Porch Truss	
										(3)
A1	2/08	1	6d	6/12	43,225	1	N/A	or 1/3	7,656	N/A
B1	1/33	1	6d	6/12	87,825	1	N/A	or 1/2	11,718	N/A
LSAB1	26	1	6d	6/12	139	N/A	0	N/A	or 1/1	16
LSAB2	26	1	6d	6/12	259,75	N/A	0	N/A	or 1/1	18
C1	68	1	6d	6/12	150	1	N/A	or 1/1	27,14	N/A
D1	68	1	6d	6/12	150	1	N/A	or 1/1	27,14	N/A
LSCD1	113	1	6d	6/12	42	N/A	1	N/A	or 1/1	13,718
LSCD2	113	1	6d	6/12	48,75	N/A	1	N/A	or 1/2	13,718