

GENERAL NOTES AND SPECIFICATIONS

EXCAVATION

EXPANSIVE, COMPRESSIVE OR SHIFTING SOILS SHALL BE REMOVED AND REPLACED WITH A MINIMUM OF 12" BEDDING GRADE (PRESUMED 2000 PSF SOIL BEARING CAPACITY).

MOISTURE CONTENT IN EACH ACTIVE ZONE.

FOUNDATION

PROVIDE 1/2" DIA. STEEL
FROM CORNERS AND 1/2"

WITH 7" MIN. SCHED. PIPE.
 PROVIDE FOUNDATION WATERPROOFING AND DRAIN WITH POSITIVE SLOPE TO OUTLET AS REQUIRED BY SITE CONDITIONS.
 SLOPE GRADE AWAY FROM FOUNDATION WALLS 6" MINIMUM WITHIN THE FIRST 10' FEET.
 PROVIDE MESSAGE BEARED LUMBER FOR SILL, PLATES, BANDS AND ANY LUMBER IN CONTACT WITH MASONRY.
 PROVIDE APPROVED AND BURNED CHEMICAL SOIL TREATMENT FOR CONCRETE, TERRAZZO AND OTHER MAINT. TREATMENT.

SUBJECT TO
CLIMATE ZONE

ALL GROUND JOINTS AND ENDS OF GIRDERS SHALL REST ON SLAB BEARINGS. FILL CORES OF HOLLOW MASONRY TO FLOORING WITH CONCRETE. FILL TOP COURSE CORES OF EXTERIOR FOUNDATIONS WALL WITH CONCRETE.

FOOTINGS SHALL EXTEND 6" AND SHALL BE 12" THICK UNDER GROUND PIERS.

BASEMENT

ALL GIRDER JOINTS SHALL BREAK ON COLUMN CENTER LINES (STRAGGLED) AND ENDS OF GIRDERS SHALL MEET ON COLUMN

ALL BASE SASH
7400 LBS

FRAMING

OPENING WIDTH SHALL BE AT LEAST CLEAR OPENING HEIGHT SHALL BE 100% OF ENITS SIGNAL NOT BE

2015 INTERNATIONAL RESIDENTIAL CODE
THE REQUIRED EGRESS WINDOW FROM EVERY SLEEPING ROOM SHALL HAVE
TOTAL GLASS AREA SHALL NOT BE LESS THAN 5.7 SQUARE FEET IN THE CASE
OF A GROUND STORY WINDOW AND NOT LESS THAN 5.7 SQUARE FEET IN THE
CASE OF A SECOND STORY WINDOW.

DESIGN SPECIFICATIONS FOR LAMINATED VENEER LUMBER (LVL)
BEAMS AND HEADERS : GRADE : 2450Fb-2 DF

SUPPORT FOR HEADERS:
BENDING P₃ : 2650
L₃ : 2.0 X 10⁶
SHEAR F_y : 290

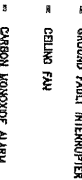
TO EACH END OF THE HEADERS OF THE HEADERS WITH FOUR

MAXIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS:	MAXIMUM STUD SPACING (INCHES)	
	18	24
HEADER SPAN (FEET)		

8 ft.

HEADING SPAN (FEET)	MAXIMUM STUD SPACING (INCHES)	
	18	24
3 FEET OR LESS	1	1
4 FT.	2	1
6 FT.	3	2
12 FT.	5	3
16 FT.	6	4

PRESSURE ZONE	ULTIMATE DESIGN WIND SPEED (MPH)		
	115	120	130
ZONE 1	13.1, -14.0	14.2, -15.0	16.7, -18.0
ZONE 2	13.1, -16.0	14.2, -18.0	16.7, -21.0
ZONE 3	13.1, -16.0	14.2, -18.0	16.7, -21.0
ZONE 4	14.3, -16.0	15.5, -16.0	18.2, -24.0
ZONE 5	14.3, -19.0	15.5, -20.0	18.2, -24.0



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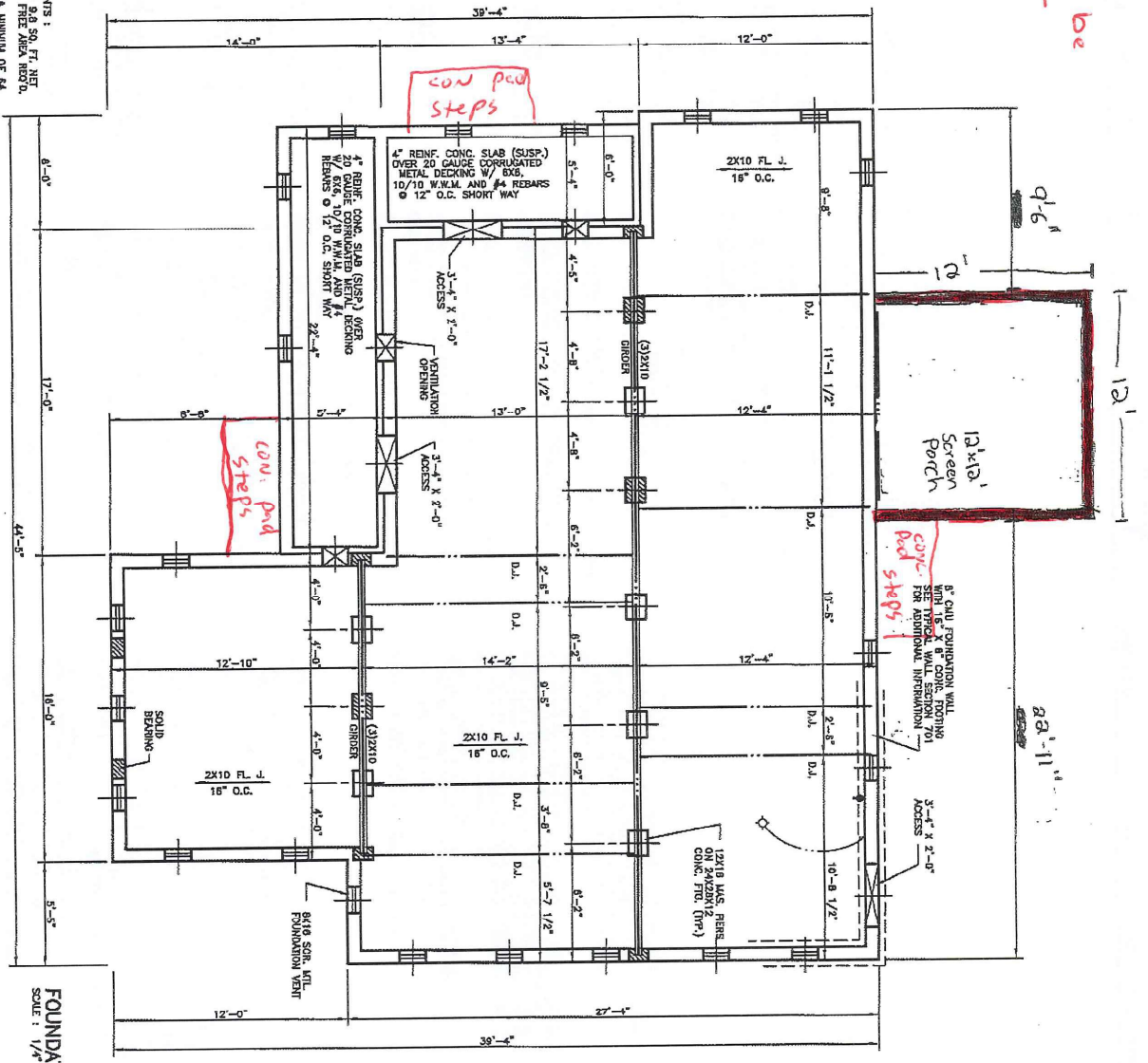
DESIGNED FOR	PLAY	NO.	UNIT	SHOWN	SHEET
WU AND KENNETH DOWDY	DONNA	2	SID.		1 OF 7

screeded porch will be
backfilled w/ stove +
poured 4" concrete
slab

porch footing will
be 8" x 8" concrete

porch foundation will
be 8" cmu

FOUNDATION VENTILATION REQUIREMENTS:
1470 SQ. FT. ± 150 = FREE AREA REQ'D.
PROVIDE 22 VENTS WITH A MINIMUM OF 24
SQUARE INCHES NET FREE AREA PER VENT.



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



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7200 SUNSET LAKE ROAD FLOUQUAY-VARINA, NC 27628
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DESIGNED FOR	PLAN	NO.	DATE	SHOWN	SHEET
LU AND KENNETH DOWDY	DONNA	2	SID.		2 OF 7

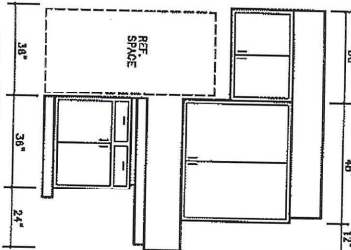
SCALE : 3/8"=1'-0"

BATH 2 SECT.

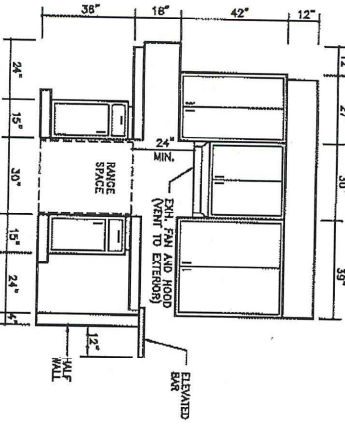
**KITCHEN CABINET
ELEVATIONS**
SCALE : 3/8"=1'-0"

FOR SECTION THRU CABINETS,
SEE DETAIL ON COVER SHEET.

REF. SIDE



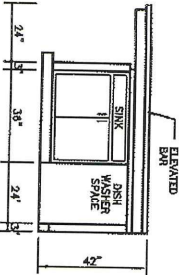
RANGE SIDE



LEGEND

4B" BRACED WALL PANEL,
CONTINUOUS SHEATHED-
WOOD STRUCTURAL PANEL,
(CS-WSP, TYPICAL U.N.O.)
SEE NOTE SHEET 1 OF 7.

SINK SIDE



WINDOW SCHEDULE

WINDOW SCHEDULE			
A	3'-0" X 6'-2" WD. D.H.	D	2'-6" X 4'-6" WD. D.H.
B	ANDERSEN DR30-2 8'-3" 5/16" X 3'-0"	E	2'-0" X 3'-10" WD. D.H.
C	2'-0" X 6'-2" WD. D.H.	F	
		G	
		H	
		I	
		J	
		K	
		L	
		M	
		N	

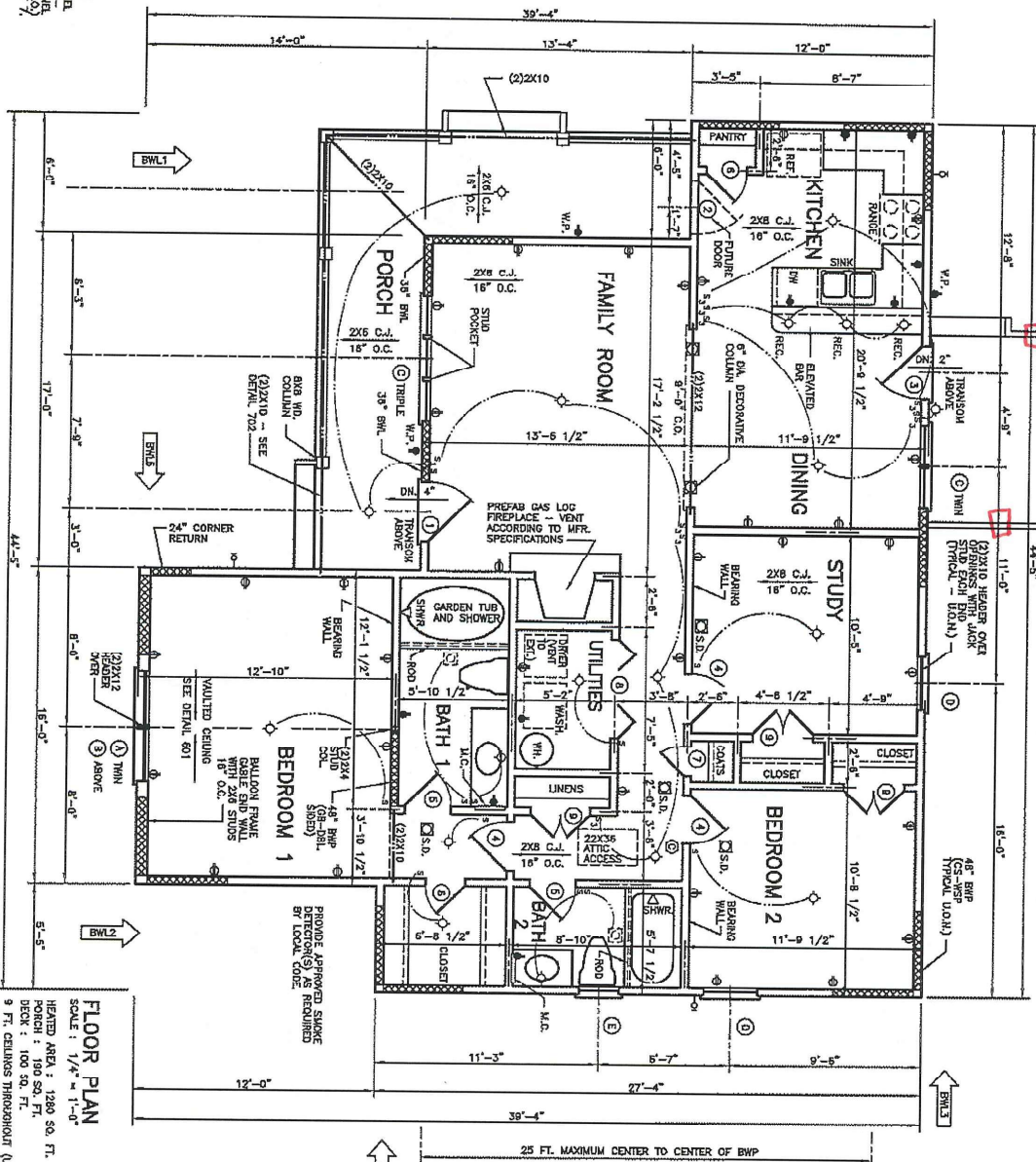
DOOR SCHEDULE

DOOR SCHEDULE			
1	3'-0" X 6'-8" X 1 3/4"	4	2'-6" X 6'-8" X 1 3/8"
2	2'-8" X 6'-8" X 1 3/4"	5	2'-4" X 6'-8" X 1 3/8"
3	2'-8" X 6'-8" X 1 3/4"	6	2'-0" X 6'-8" X 1 3/8"
7	2'-8" X 6'-8" X 1 3/4"	8	5'-0" X 6'-8" X 1 3/8"
9	2'-8" X 6'-8" X 1 3/4"	10	5'-0" X 6'-8" X 1 3/8"
11	2'-8" X 6'-8" X 1 3/4"	12	5'-0" X 6'-8" X 1 3/8"
13	2'-8" X 6'-8" X 1 3/4"	14	5'-0" X 6'-8" X 1 3/8"
15	2'-8" X 6'-8" X 1 3/4"	16	5'-0" X 6'-8" X 1 3/8"
17	2'-8" X 6'-8" X 1 3/4"	18	5'-0" X 6'-8" X 1 3/8"
19	2'-8" X 6'-8" X 1 3/4"	20	5'-0" X 6'-8" X 1 3/8"
21	2'-8" X 6'-8" X 1 3/4"	22	5'-0" X 6'-8" X 1 3/8"
23	2'-8" X 6'-8" X 1 3/4"	24	5'-0" X 6'-8" X 1 3/8"
25	2'-8" X 6'-8" X 1 3/4"	26	5'-0" X 6'-8" X 1 3/8"
27	2'-8" X 6'-8" X 1 3/4"	28	5'-0" X 6'-8" X 1 3/8"
29	2'-8" X 6'-8" X 1 3/4"	30	5'-0" X 6'-8" X 1 3/8"
31	2'-8" X 6'-8" X 1 3/4"	32	5'-0" X 6'-8" X 1 3/8"
33	2'-8" X 6'-8" X 1 3/4"	34	5'-0" X 6'-8" X 1 3/8"
35	2'-8" X 6'-8" X 1 3/4"	36	5'-0" X 6'-8" X 1 3/8"
37	2'-8" X 6'-8" X 1 3/4"	38	5'-0" X 6'-8" X 1 3/8"
39	2'-8" X 6'-8" X 1 3/4"	40	5'-0" X 6'-8" X 1 3/8"
41	2'-8" X 6'-8" X 1 3/4"	42	5'-0" X 6'-8" X 1 3/8"
43	2'-8" X 6'-8" X 1 3/4"	44	5'-0" X 6'-8" X 1 3/8"
45	2'-8" X 6'-8" X 1 3/4"	46	5'-0" X 6'-8" X 1 3/8"
47	2'-8" X 6'-8" X 1 3/4"	48	5'-0" X 6'-8" X 1 3/8"
49	2'-8" X 6'-8" X 1 3/4"	50	5'-0" X 6'-8" X 1 3/8"
51	2'-8" X 6'-8" X 1 3/4"	52	5'-0" X 6'-8" X 1 3/8"
53	2'-8" X 6'-8" X 1 3/4"	54	5'-0" X 6'-8" X 1 3/8"
55	2'-8" X 6'-8" X 1 3/4"	56	5'-0" X 6'-8" X 1 3/8"
57	2'-8" X 6'-8" X 1 3/4"	58	5'-0" X 6'-8" X 1 3/8"
59	2'-8" X 6'-8" X 1 3/4"	60	5'-0" X 6'-8" X 1 3/8"
61	2'-8" X 6'-8" X 1 3/4"	62	5'-0" X 6'-8" X 1 3/8"
63	2'-8" X 6'-8" X 1 3/4"	64	5'-0" X 6'-8" X 1 3/8"
65	2'-8" X 6'-8" X 1 3/4"	66	5'-0" X 6'-8" X 1 3/8"
67	2'-8" X 6'-8" X 1 3/4"	68	5'-0" X 6'-8" X 1 3/8"
69	2'-8" X 6'-8" X 1 3/4"	70	5'-0" X 6'-8" X 1 3/8"
71	2'-8" X 6'-8" X 1 3/4"	72	5'-0" X 6'-8" X 1 3/8"
73	2'-8" X 6'-8" X 1 3/4"	74	5'-0" X 6'-8" X 1 3/8"
75	2'-8" X 6'-8" X 1 3/4"	76	5'-0" X 6'-8" X 1 3/8"
77	2'-8" X 6'-8" X 1 3/4"	78	5'-0" X 6'-8" X 1 3/8"
79	2'-8" X 6'-8" X 1 3/4"	80	5'-0" X 6'-8" X 1 3/8"
81	2'-8" X 6'-8" X 1 3/4"	82	5'-0" X 6'-8" X 1 3/8"
83	2'-8" X 6'-8" X 1 3/4"	84	5'-0" X 6'-8" X 1 3/8"
85	2'-8" X 6'-8" X 1 3/4"	86	5'-0" X 6'-8" X 1 3/8"
87	2'-8" X 6'-8" X 1 3/4"	88	5'-0" X 6'-8" X 1 3/8"
89	2'-8" X 6'-8" X 1 3/4"	90	5'-0" X 6'-8" X 1 3/8"
91	2'-8" X 6'-8" X 1 3/4"	92	5'-0" X 6'-8" X 1 3/8"
93	2'-8" X 6'-8" X 1 3/4"	94	5'-0" X 6'-8" X 1 3/8"
95	2'-8" X 6'-8" X 1 3/4"	96	5'-0" X 6'-8" X 1 3/8"
97	2'-8" X 6'-8" X 1 3/4"	98	5'-0" X 6'-8" X 1 3/8"
99	2'-8" X 6'-8" X 1 3/4"	100	5'-0" X 6'-8" X 1 3/8"

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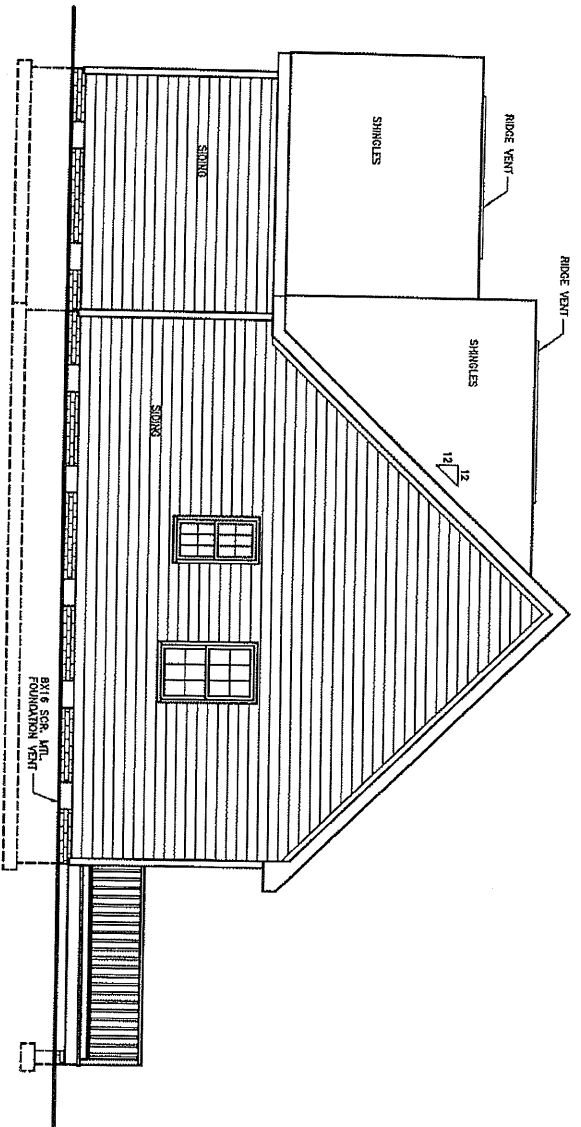
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6" wood posts
with handrails
if necessary

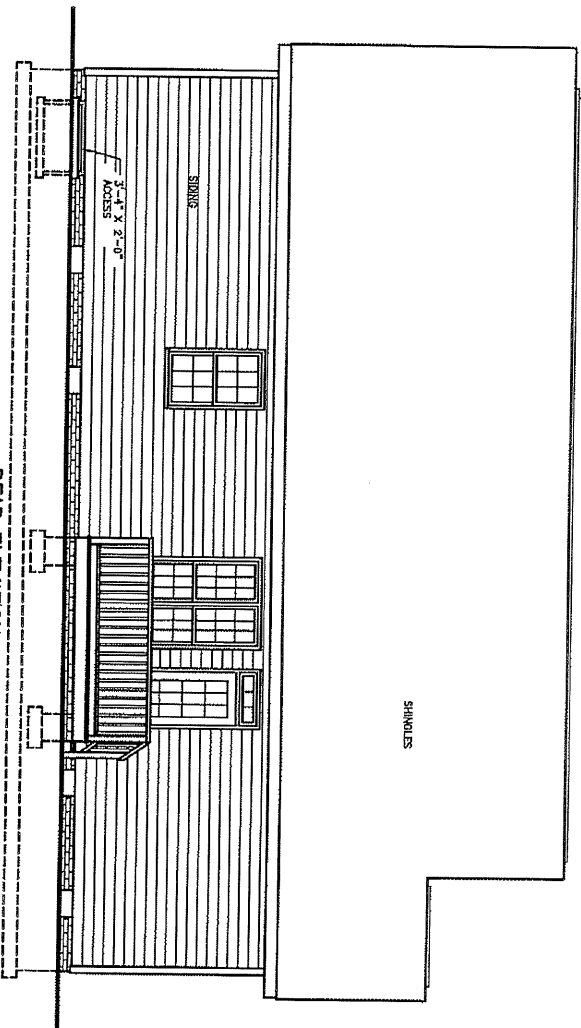


FLOOR PLAN

SCALE: 1/4" = 1'-0"



RIGHT SIDE ELEVATION
SCALE: 1/4" = 1'-0"



REAR ELEVATION
SCALE: 1/4" = 1'-0"



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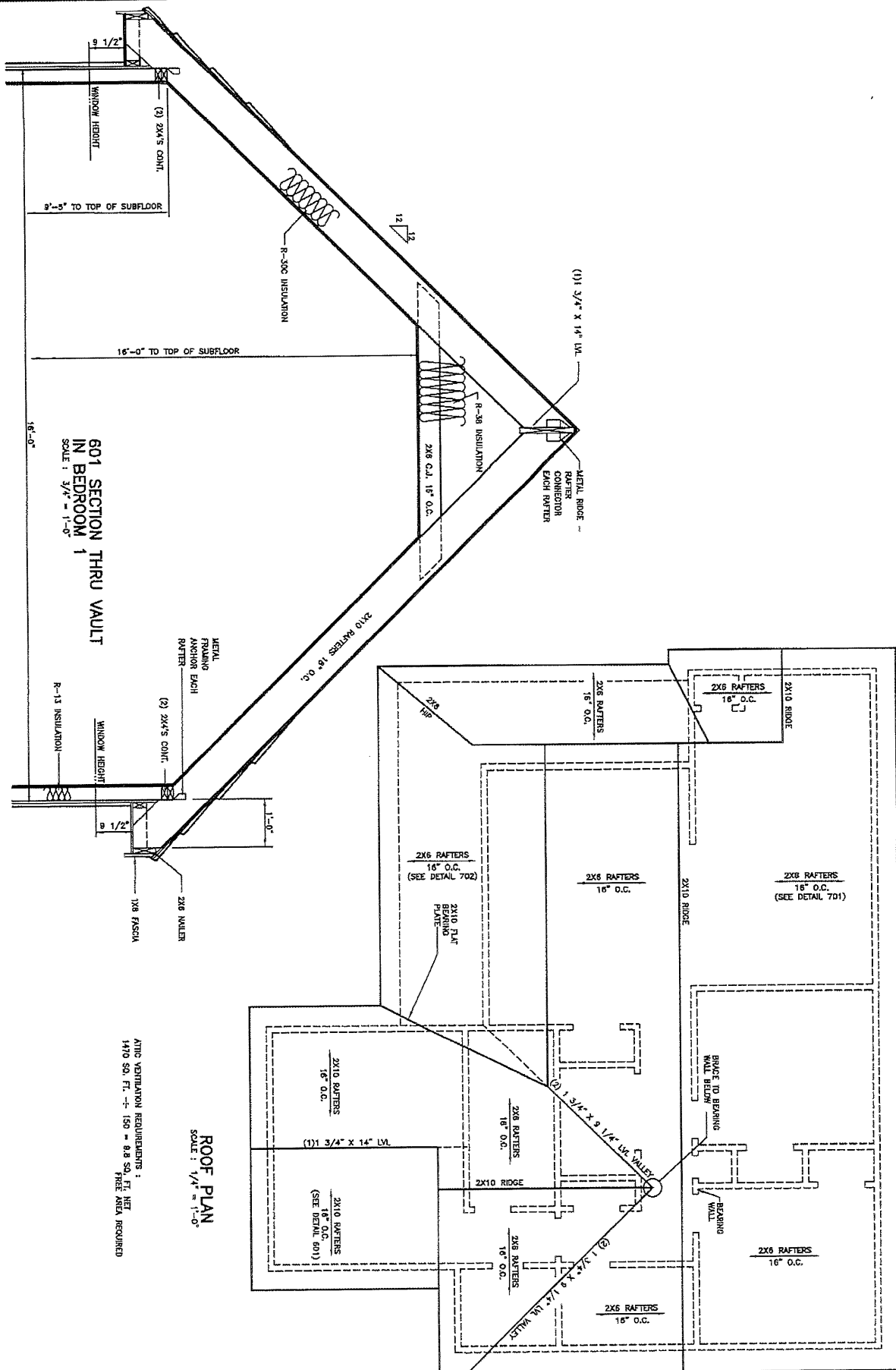
DESIGNED FOR
W AND KENNETH DOWDY

PLAN
DONNA

NO.
2

MATL
SID.

SHEET
5 OF 7



601 SECTION THRU VAULT
IN BEDROOM
SCALE: 3/4" = 1'-0"

ROOF PLAN
SCALE: 1/4" = 1'-0"

ATRIC VENTILATION REQUIREMENTS:
1470 SQ. FT. - 150 - 8.8 SQ. FT. NET
FREE AREA REQUIRED



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DESIGNED FOR	PLAN	NO.	DATE	SHEET
LU AND KENNETH BOWDY	DONNA	2	SID.	6 OF 7

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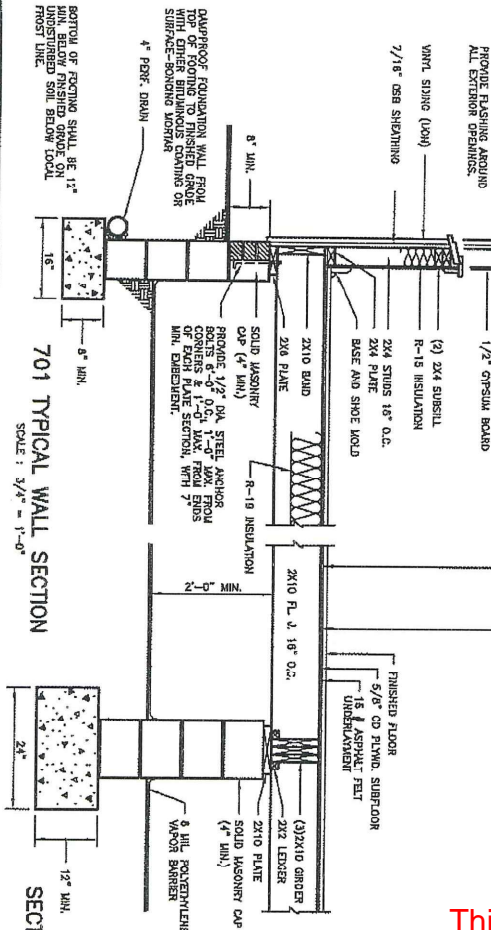
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701 TYPICAL WALL SECTION

SCALE: 3/4" = 1'-0"

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LU AND KENNETH DOWDY
DONNA
2
SID.

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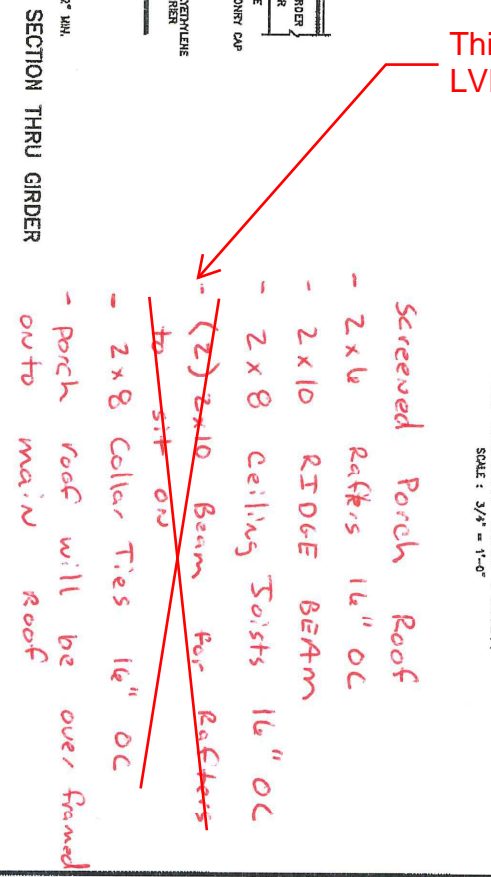


SECTION THRU GIRDER

SCALE: 3/4" = 1'-0"

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DONNA
2
SID.

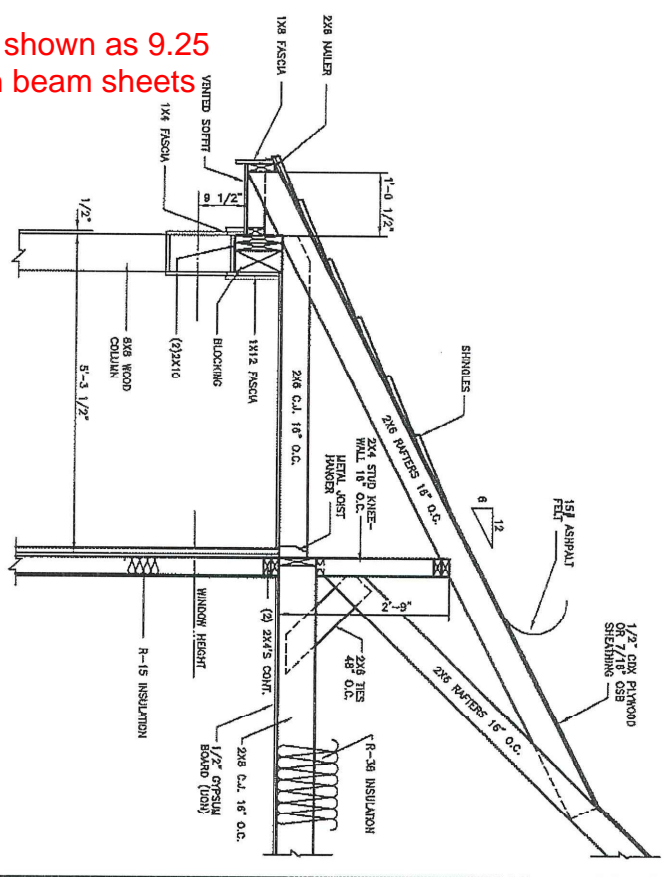
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This is shown as 9.25 LVL on beam sheets

702 SECTION THRU PORCH

SCALE: 3/4" = 1'-0"



Screened Porch Roof
 - 2x6 Rafters 16" OC
 - 2x10 RIDGE BEAM
 - 2x8 Ceiling Joists 16" OC
 - (2) 2x10 Beam for Rafters to sit on
 - 2x8 Collar Ties 16" OC
 - Porch roof will be over framed out to main roof

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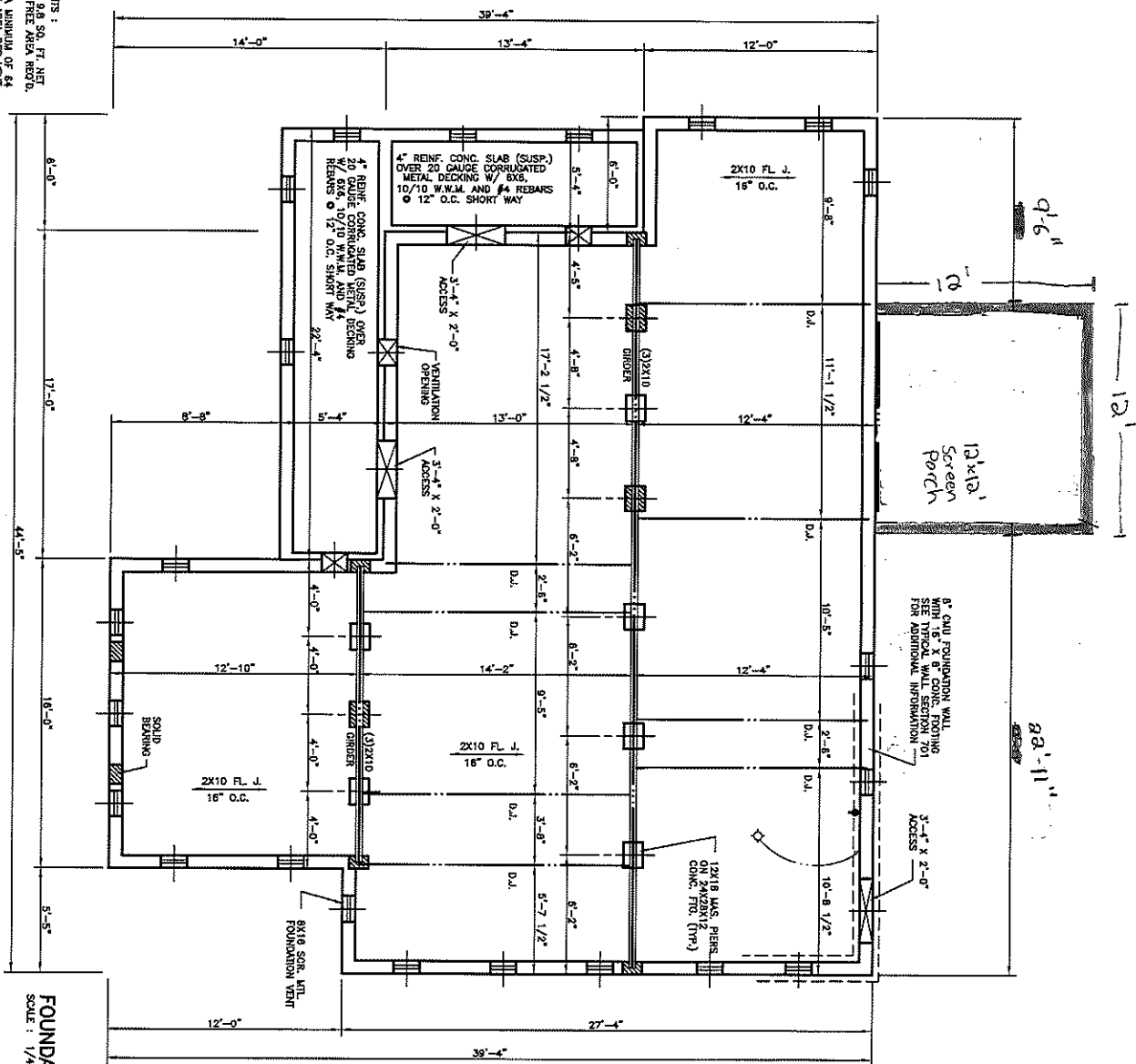
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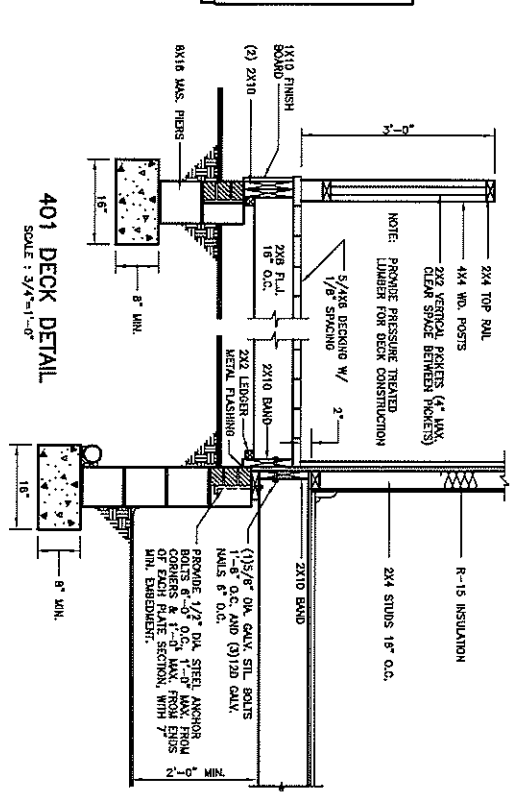
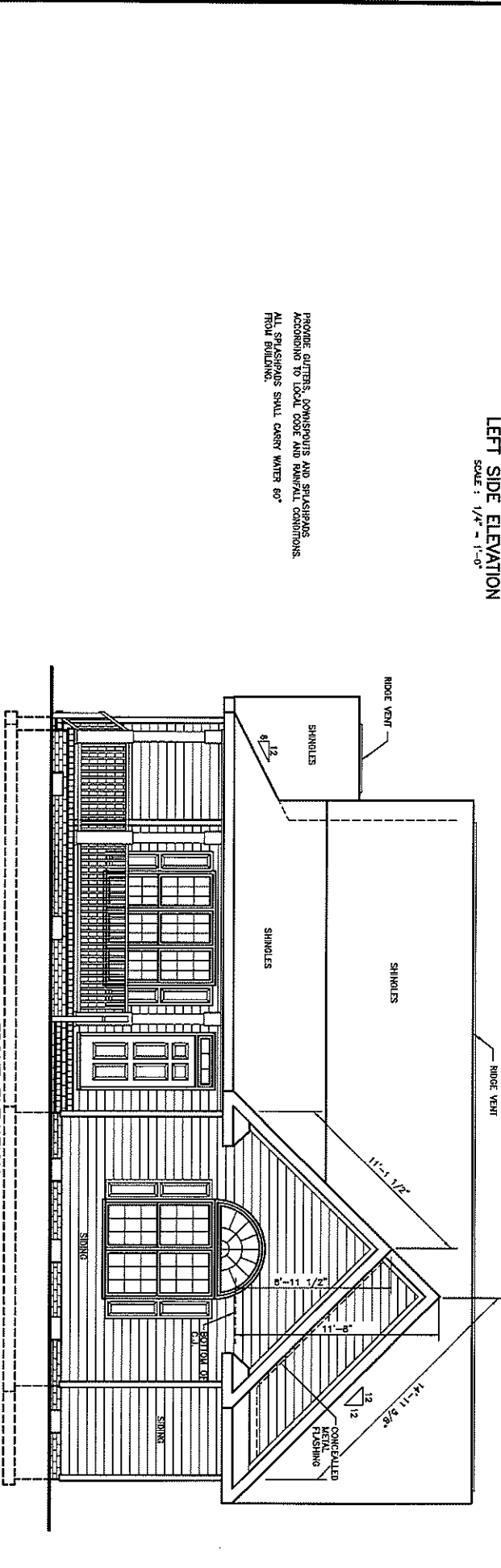
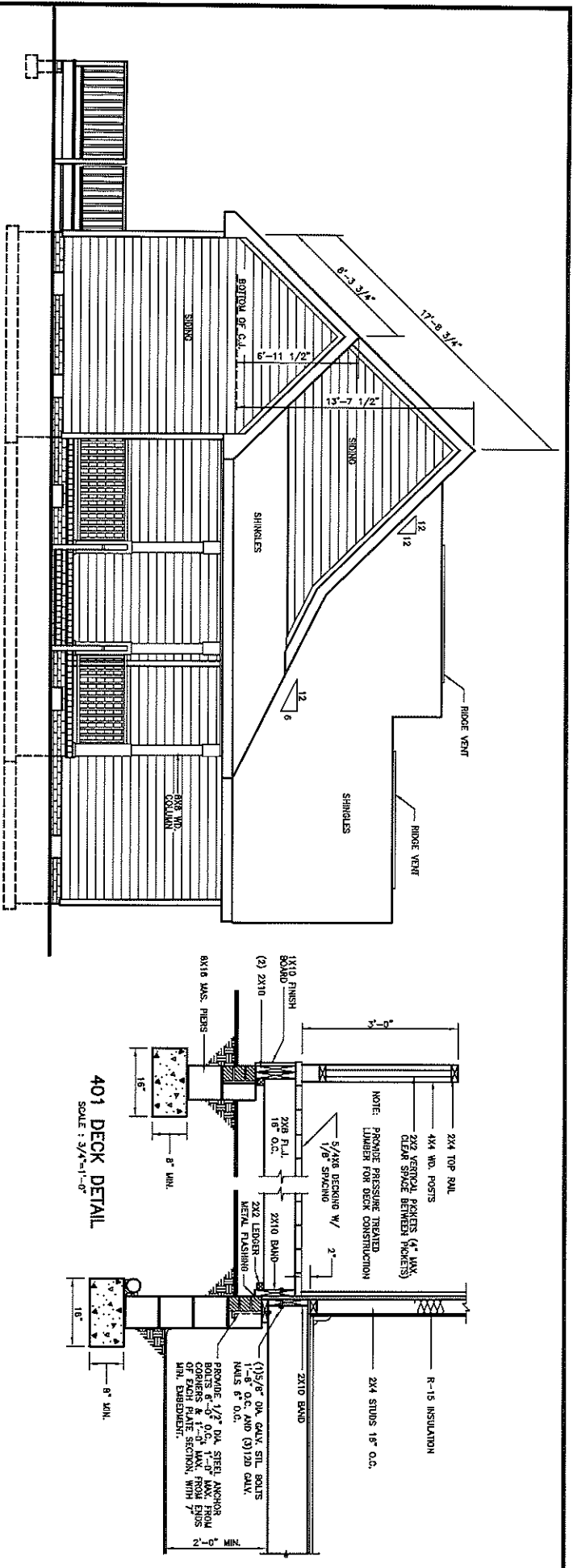
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LJ AND KENNETH DOWDY
PLAN
DONNA
NO.
2
MATERIAL SHOWN
SHEET
2 OF 7

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FOUNDATION VENTILATION REQUIREMENTS:
1470 SQ. FT. ± = 150 ± 9.8 SQ. FT. NET
FREE AREA REQ'D.
PROVIDE 22 VENTS WITH A MINIMUM OF 64
SQUARE INCHES NET FREE AREA PER VENT.



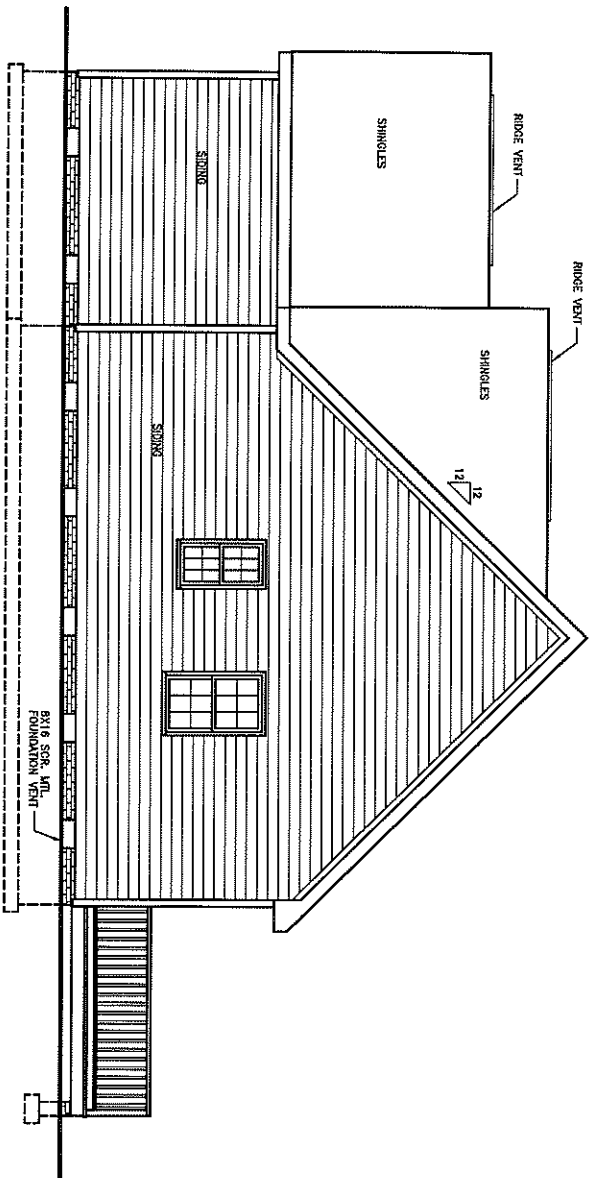
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



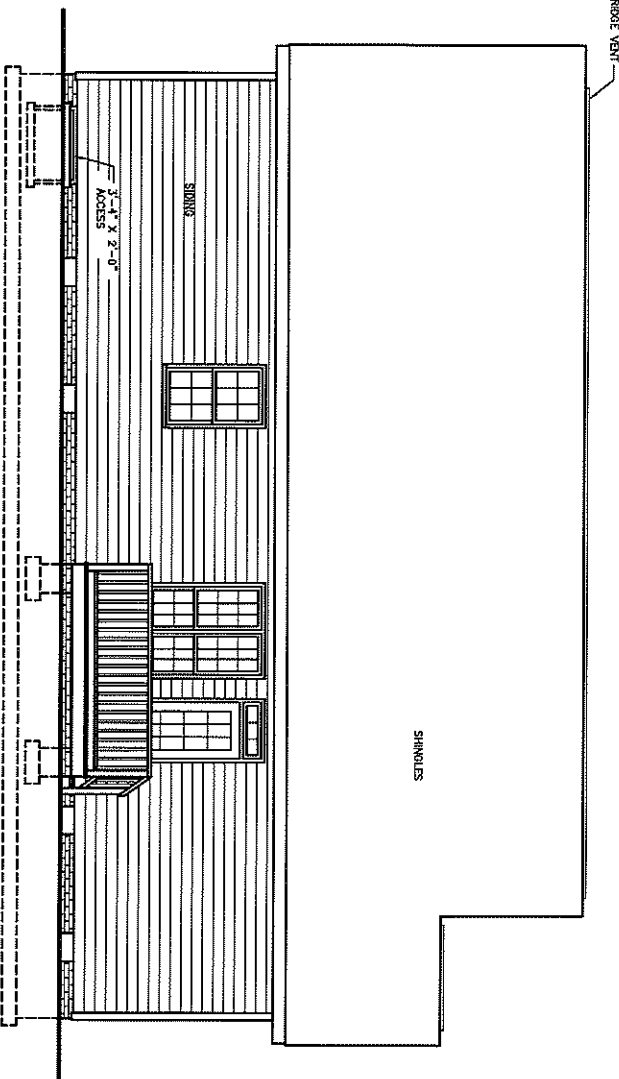
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LU AND KENNETH DOWDY	DONNA	2	SID.	4 OF 7



RIGHT SIDE ELEVATION
SCALE: 1/4" = 1'-0"



REAR ELEVATION
SCALE: 1/4" = 1'-0"



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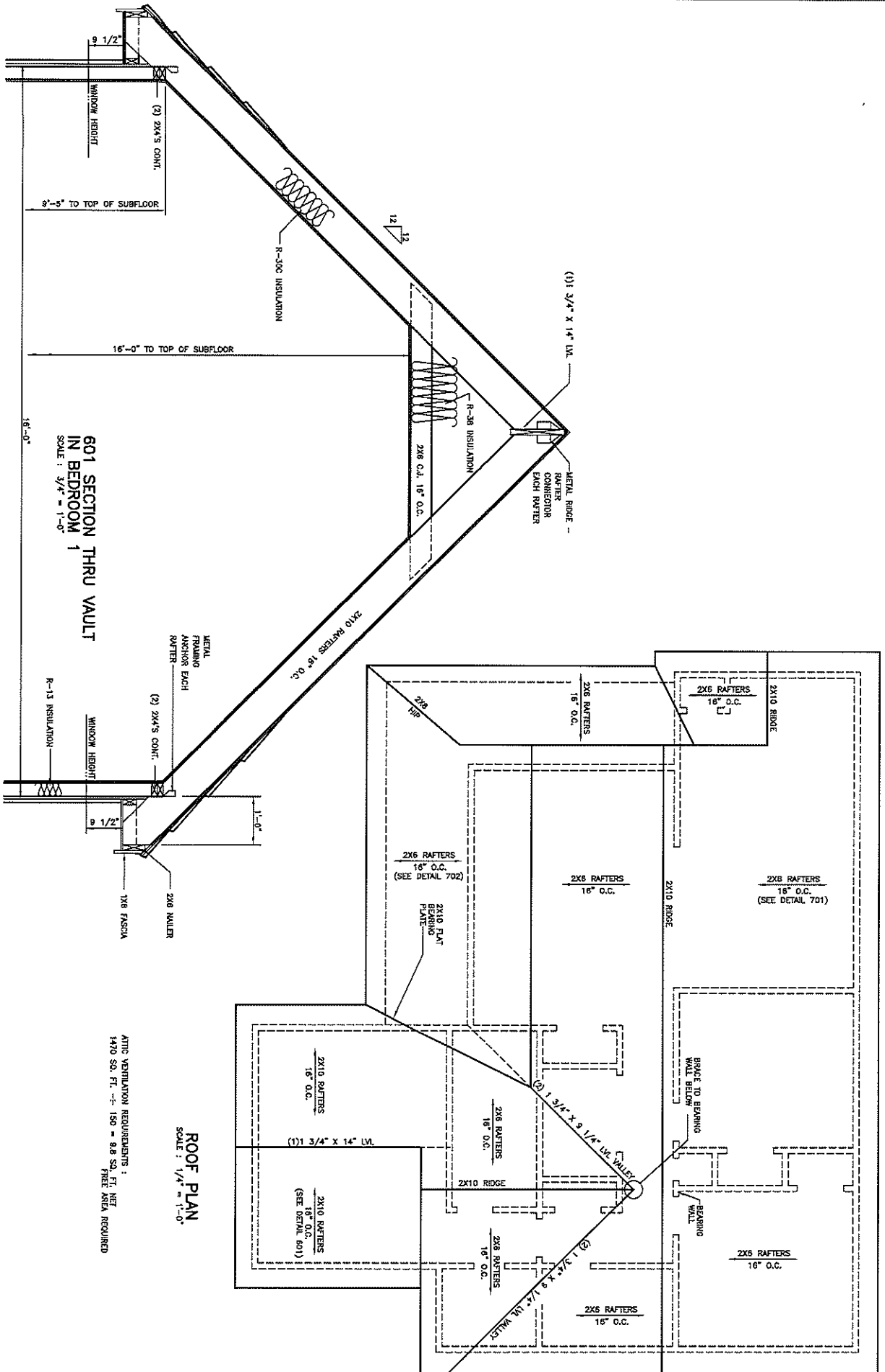


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PLAN
DONNA

NO.
2

MTL. SHOWN
SHEET
5 OF 7



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LU AND KENNETH BOWDY

PLAN
DONNA

NO.
2

DATE
02-24-22

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701 TYPICAL WALL SECTION

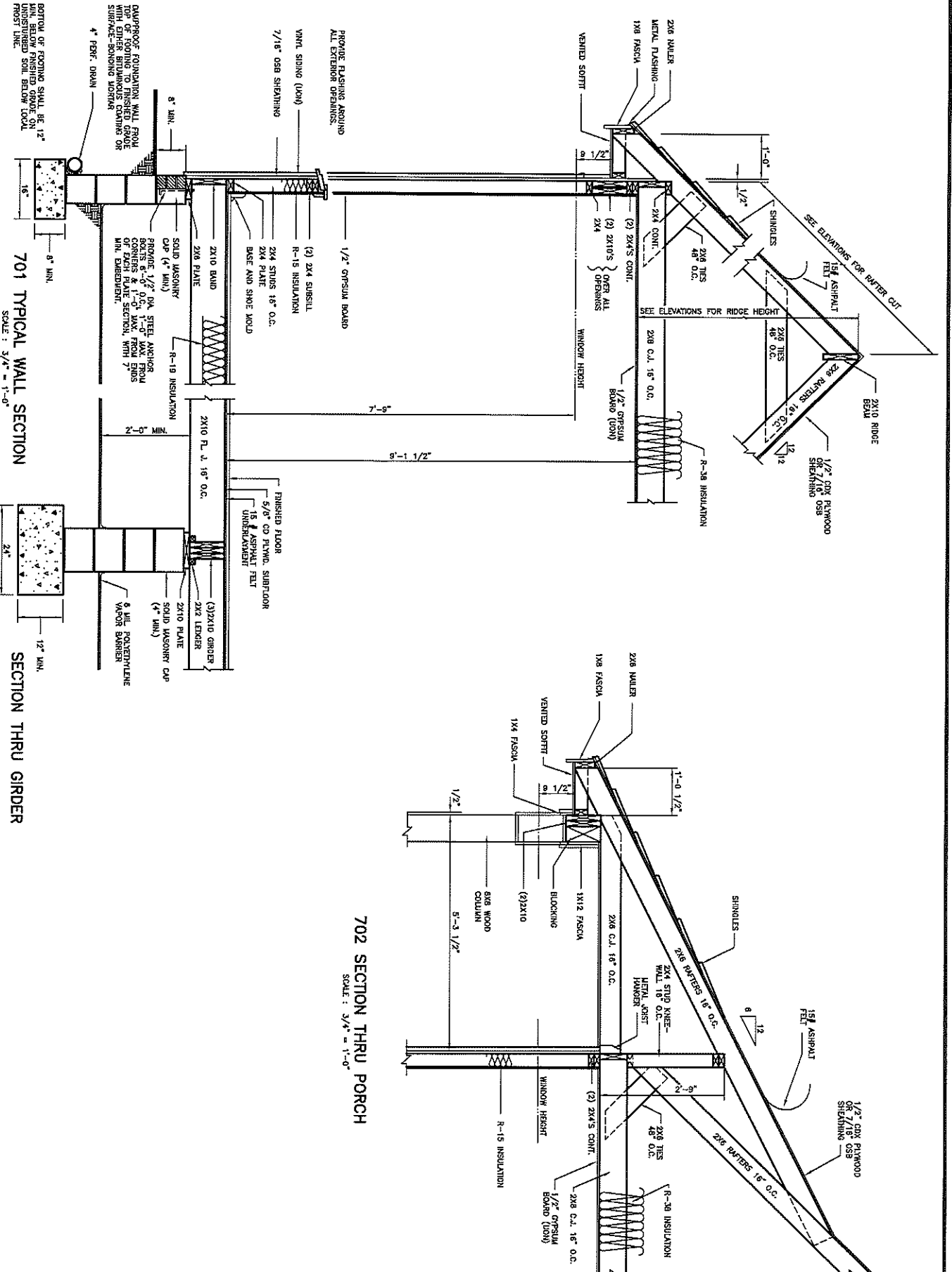
SCALE: 3/4" = 1'-0"

SECTION THRU GIRDER

SCALE: 3/4" = 1'-0"

702 SECTION THRU PORCH

SCALE: 3/4" = 1'-0"



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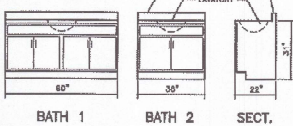
PLAN
DONNA

NO.
2

INT'L. SKETCH
SID.

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SHEET
7 OF 7

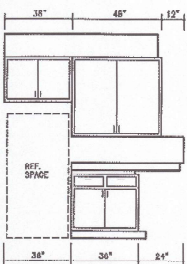
VANITY DETAILS SCALE: 3/8"=1'-0"



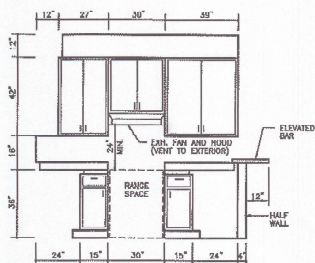
BATH 1 BATH 2 SECT.

KITCHEN CABINET ELEVATIONS SCALE: 3/8"=1'-0"

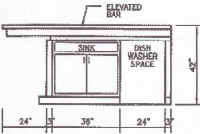
FOR SCHEDULE 1988I CANNED IN,
SEE DETAIL ON COVER SHEET.



REF. SIDE



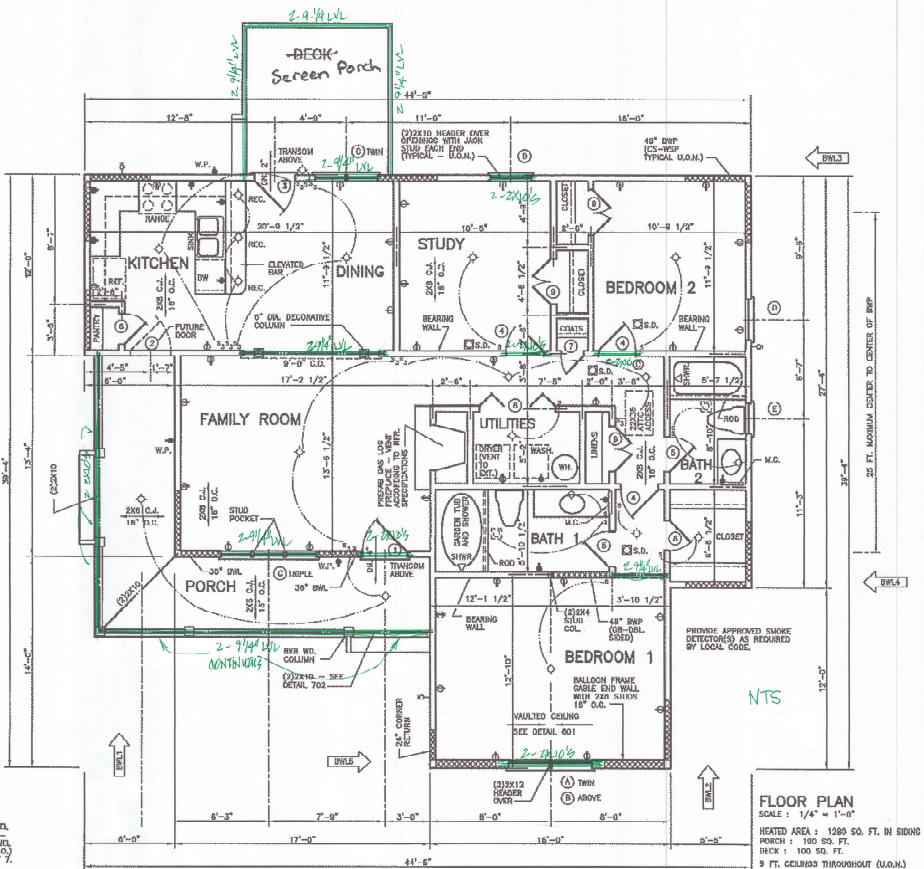
RANGE SIDE



SINK SIDE

LEGEND

48" BRICKED WALL PANEL
CONTINUOUS SHEATHING
WOOD STRUCTURAL PANEL
(CS=HSP, TYPICAL U.O.N.)
SEE NOTE SHEET 1 OF 7.



FLOOR PLAN

SCALE: 1/4"=1'-0"

HEATED AREA: 1280 SQ. FT. IN SIDING
PORCH: 100 SQ. FT.
DECK: 100 SQ. FT.
9 FT. CEILING THROUGHOUT (U.O.N.)

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WINDOW SCHEDULE

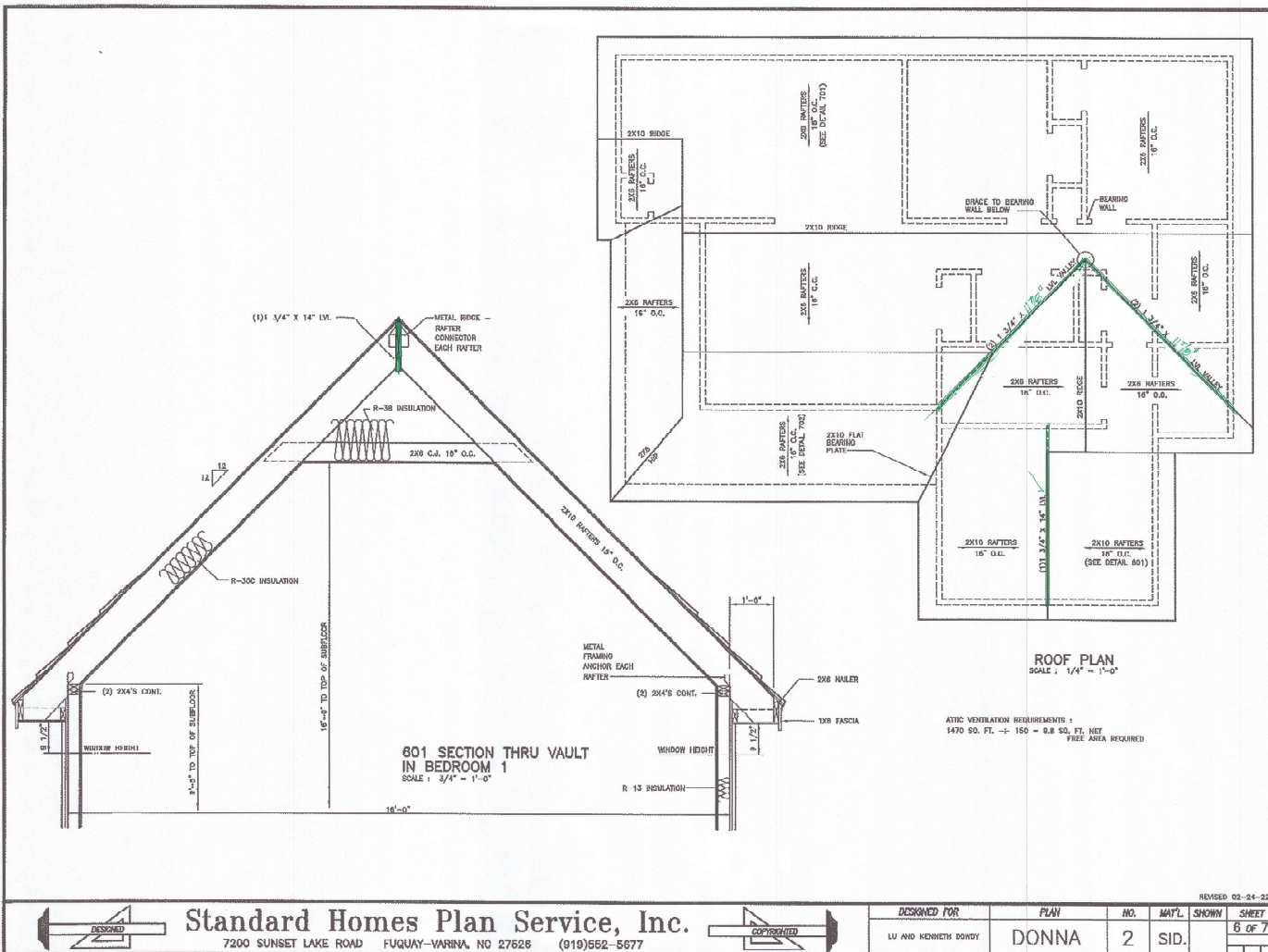
A	3'-0" X 6'-3" WD. D.H.	D	2'-8" X 4'-8" WD. D.H.	G		L	
B	ANDERSON 6200-2 6'-3 5/16" X 3'-0"	E	7'-0" X 3'-10" WD. D.H.	H		M	
C	2'-0" X 6'-2" WD. D.H.	F		K		N	

DOOR SCHEDULE

1	3'-0" X 6'-8" X 1 3/4"	4	2'-0" X 6'-8" X 1 3/8"	7	1'-8" X 6'-8" X 1 3/8"	10	
2	2'-8" X 6'-8" X 1 3/4"	5	2'-1" X 6'-8" X 1 3/8"	8	5'-0" X 6'-8" X 1 3/8"	11	
3	2'-8" X 6'-8" X 1 3/4"	6	2'-0" X 6'-8" X 1 3/8"	9	DOUBLE OPENING 3'-0" X 8'-0" X 1 3/8"	12	

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DESIGNED FOR	ILLI AND KENNETH DOWDY	SHEET	3 of 7
PLAN	DONNA	NO.	2
		INTERNAL	SID.

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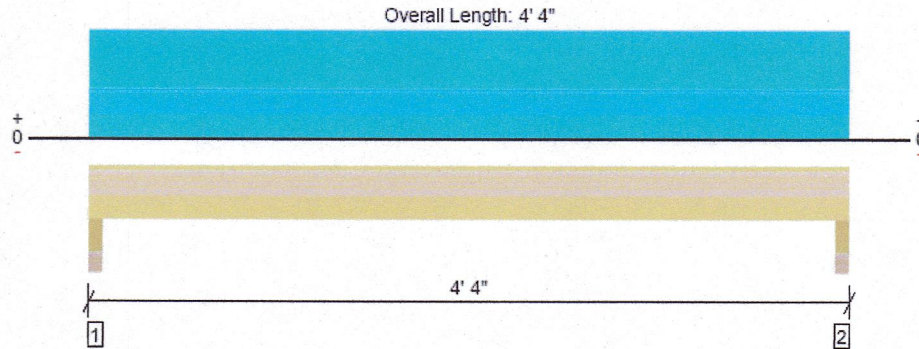


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DESIGNED FOR	PLAN	NO.	MAT'L.	SHOWN	SHEET
LU AND KENNETH DOWDY	DONNA	2	SID.		6 OF 7

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Level, Wall: Header
2 piece(s) 1 3/4" x 9 1/4" 2.0E Microllam® LVL



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1537 @ 2"	8881 (3.50")	Passed (17%)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Shear (lbs)	629 @ 1' 3/4"	6151	Passed (10%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	1139 @ 2' 2"	11204	Passed (10%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.008 @ 2' 2"	0.100	Passed (L/999+)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Total Load Defl. (in)	0.014 @ 2' 2"	0.200	Passed (L/999+)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)

Member Length : 4' 4"
System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Factored	
1 - Trimmer - SPF	3.50"	3.50"	1.50"	627	607	607	1537	None
2 - Trimmer - SPF	3.50"	3.50"	1.50"	627	607	607	1537	None

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	4' 4" o/c	
Bottom Edge (Lu)	4' 4" o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 4' 4"	N/A	9.4	--	--	
1 - Uniform (PSF)	0 to 4' 4"	14'	20.0	20.0	20.0	Default Load

Member Notes
BEDROOM 1 HALL FLUSH CEILING BEAM ✓

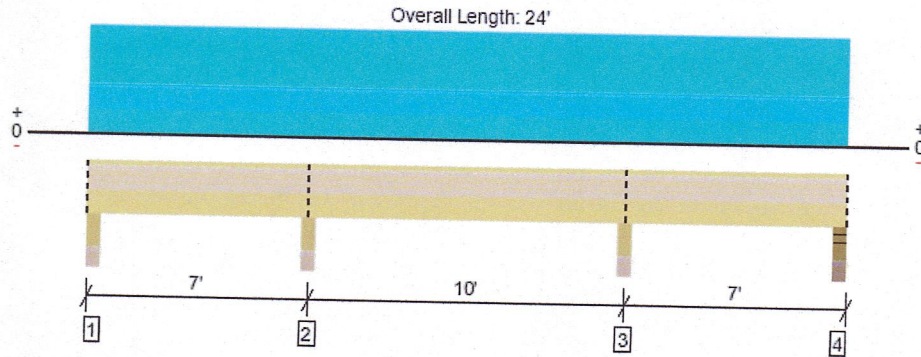
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The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
chris claffey professional builds supply (910) 279-0610 chris.claffey@pb-supply.com	117 COLLINS RD., LILLINGTON, NC. DOWDY RESIDENCE



7/25/2025 2:28:49 PM UTC
ForteWEB v3.9, Engine: V8.4.3.94, Data: V8.1.7.3
File Name: MILTON ENTERPRISES

Level, Roof: Drop Beam
2 piece(s) 1 3/4" x 9 1/4" 2.0E Microllam® LVL



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	7027 @ 7'	8881 (3.50")	Passed (79%)	--	1.0 D + 1.0 Lr (Adj Spans)
Shear (lbs)	3039 @ 7' 11"	7689	Passed (40%)	1.25	1.0 D + 1.0 Lr (Adj Spans)
Moment (Ft-lbs)	-5648 @ 7'	14005	Passed (40%)	1.25	1.0 D + 1.0 Lr (Adj Spans)
Live Load Defl. (in)	0.080 @ 12'	0.333	Passed (L/999+)	--	1.0 D + 1.0 Lr (Alt Spans)
Total Load Defl. (in)	0.146 @ 12'	0.500	Passed (L/824)	--	1.0 D + 1.0 Lr (Alt Spans)

Member Length : 24'
System : Roof
Member Type : Drop Beam
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD
Member Pitch : 0/12

- Deflection criteria: LL (L/360) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Column - SPF	3.50"	3.50"	1.50"	916	1043	1958	Blocking
2 - Column - SPF	3.50"	3.50"	2.77"	3518	3509	7027	Blocking
3 - Column - SPF	3.50"	3.50"	2.77"	3518	3509	7027	Blocking
4 - Stud wall - SPF	3.50"	3.50"	1.50"	916	1043	1958	Blocking

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	24' o/c	
Bottom Edge (Lu)	20' 8" o/c	

- Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 24'	N/A	9.4	--	
1 - Uniform (PSF)	0 to 24' (Front)	18'	20.0	20.0	Default Load

- Side loads are assumed to not induce cross-grain tension.

Member Notes

FRONT PORCH FRONT

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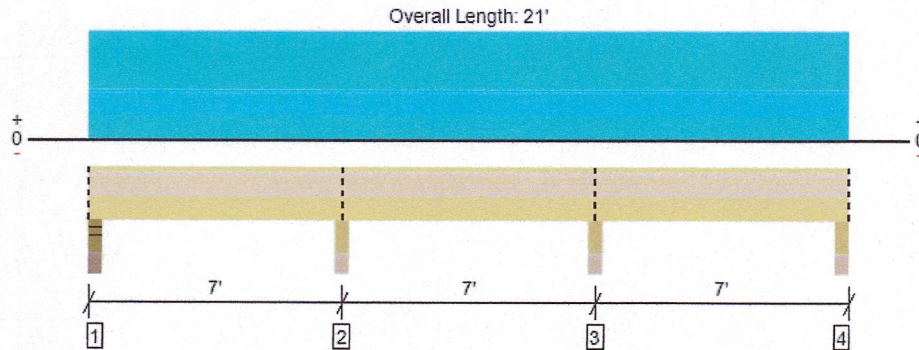
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
chris claffey professional builds supply (910) 279-0610 chris.claffey@pb-supply.com	117 COLLINS RD., LILLINGTON, NC. DOWDY RESIDENCE



7/25/2025 1:42:34 PM UTC
ForteWEB v3.9, Engine: V8.4.3.94, Data: V8.1.7.3
File Name: MILTON ENTERPRISES

Level, Roof: Drop Beam
2 piece(s) 2 x 10 SP No.2



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1146 @ 7'	5933 (3.50")	Passed (19%)	--	1.0 D + 1.0 Lr (Adj Spans)
Shear (lbs)	475 @ 6' 1"	4047	Passed (12%)	1.25	1.0 D + 1.0 Lr (Adj Spans)
Moment (Ft-lbs)	-733 @ 7'	3566	Passed (21%)	1.25	1.0 D + 1.0 Lr (Adj Spans)
Live Load Defl. (in)	0.009 @ 17' 8"	0.228	Passed (L/999+)	--	1.0 D + 1.0 Lr (Alt Spans)
Total Load Defl. (in)	0.015 @ 3' 3 5/16"	0.342	Passed (L/999+)	--	1.0 D + 1.0 Lr (Alt Spans)

Member Length : 21'
System : Roof
Member Type : Drop Beam
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD
Member Pitch : 0/12

- Deflection criteria: LL (L/360) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- Applicable calculations are based on NDS.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Stud wall - SPF	3.50"	3.50"	1.50"	193	245	439	Blocking
2 - Column - SPF	3.50"	3.50"	1.50"	510	636	1146	Blocking
3 - Column - SPF	3.50"	3.50"	1.50"	510	636	1146	Blocking
4 - Column - SPF	3.50"	3.50"	1.50"	193	245	439	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	21' o/c	
Bottom Edge (Lu)	21' o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 21'	N/A	7.0	--	
1 - Uniform (PSF)	0 to 21' (Front)	4'	15.0	20.0	Default Load

• Side loads are assumed to not induce cross-grain tension.

Member Notes

FRONT PORCH SIDE

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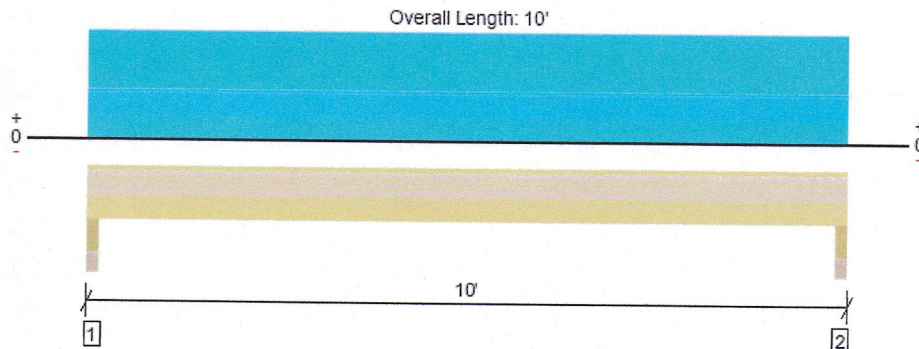
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ForteWEB Software Operator	Job Notes
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7/25/2025 1:39:15 PM UTC
ForteWEB v3.9, Engine: V8.4.3.94, Data: V8.1.7.3
File Name: MILTON ENTERPRISES

Level, Wall: Header
2 piece(s) 1 3/4" x 9 1/4" 2.0E Microllam® LVL



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	4393 @ 1 1/2"	7613 (3.00")	Passed (58%)	--	1.0 D + 1.0 Lr (All Spans)
Shear (lbs)	3496 @ 1' 1/4"	7689	Passed (45%)	1.25	1.0 D + 1.0 Lr (All Spans)
Moment (Ft-lbs)	10440 @ 5'	14005	Passed (75%)	1.25	1.0 D + 1.0 Lr (All Spans)
Live Load Defl. (in)	0.174 @ 5'	0.244	Passed (L/673)	--	1.0 D + 1.0 Lr (All Spans)
Total Load Defl. (in)	0.424 @ 5'	0.488	Passed (L/276)	--	1.0 D + 1.0 Lr (All Spans)

• Deflection criteria: LL (L/480) and TL (L/240).

• Allowed moment does not reflect the adjustment for the beam stability factor.

Member Length : 10'
System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Trimmer - SPF	3.00"	3.00"	1.73"	2593	1800	4393	None
2 - Trimmer - SPF	3.00"	3.00"	1.73"	2593	1800	4393	None

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	10' o/c	
Bottom Edge (Lu)	10' o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location	Tributary Width	Dead (0.90)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 10'	N/A	9.4	--	
1 - Uniform (PSF)	0 to 10'	18'	28.3	20.0	Default Load

Member Notes

FAMILY ROOM TRIPPLE WINDOW ✓

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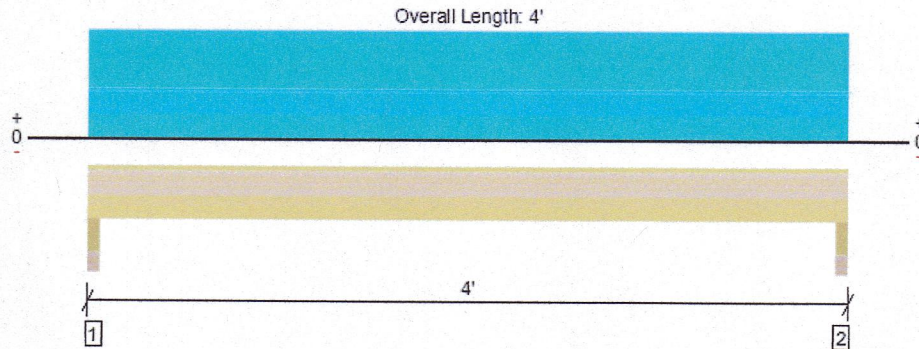
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
chris claffey professional builds supply (910) 279-0610 chris.claffey@pb-supply.com	117 COLLINS RD., LILLINGTON, NC. DOWDY RESIDENCE



7/25/2025 1:45:30 PM UTC
ForteWEB v3.9, Engine: V8.4.3.94, Data: V8.1.7.3
File Name: MILTON ENTERPRISES

Level, Wall: Header
2 piece(s) 2 x 10 SP No.2



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1752 @ 1 1/2"	5085 (3.00")	Passed (34%)	--	1.0 D + 1.0 Lr (All Spans)
Shear (lbs)	858 @ 1' 1/4"	4047	Passed (21%)	1.25	1.0 D + 1.0 Lr (All Spans)
Moment (Ft-lbs)	1540 @ 2'	3566	Passed (43%)	1.25	1.0 D + 1.0 Lr (All Spans)
Live Load Defl. (in)	0.006 @ 2'	0.094	Passed (L/999+)	--	1.0 D + 1.0 Lr (All Spans)
Total Load Defl. (in)	0.014 @ 2'	0.188	Passed (L/999+)	--	1.0 D + 1.0 Lr (All Spans)

Member Length : 4'
System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- Applicable calculations are based on NDS.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Trimmer - SPF	3.00"	3.00"	1.50"	1032	720	1752	None
2 - Trimmer - SPF	3.00"	3.00"	1.50"	1032	720	1752	None

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	4' o/c	
Bottom Edge (Lu)	4' o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location	Tributary Width	Dead (0.90)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 4'	N/A	7.0	--	
1 - Uniform (PSF)	0 to 4'	18'	28.3	20.0	Default Load

Member Notes

FRONT DOOR

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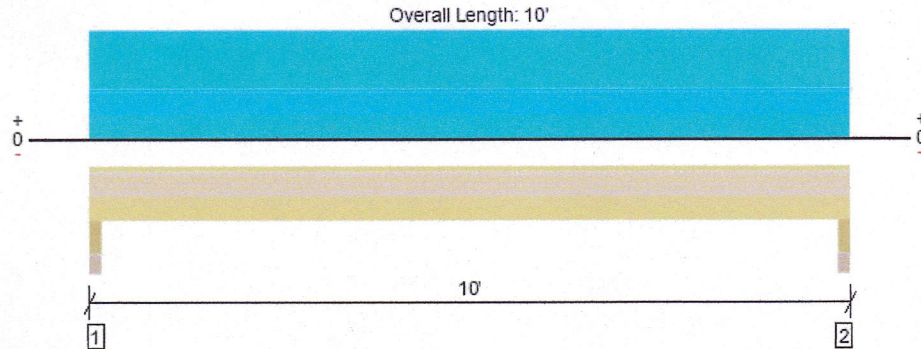
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
chris claffey professional builds supply (910) 279-0610 chris.claffey@pb-supply.com	117 COLLINS RD., LILLINGTON, NC. DOWDY RESIDENCE



7/25/2025 1:47:54 PM UTC
ForteWEB v3.9, Engine: V8.4.3.94, Data: V8.1.7.3
File Name: MILTON ENTERPRISES

Level, Wall: Header
2 piece(s) 1 3/4" x 9 1/4" 2.0E Microllam® LVL



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	3547 @ 1 1/2"	7613 (3.00")	Passed (47%)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Shear (lbs)	2266 @ 1' 1/4"	6151	Passed (37%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	6767 @ 5'	11204	Passed (60%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.203 @ 5'	0.244	Passed (L/577)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Total Load Defl. (in)	0.342 @ 5'	0.488	Passed (L/342)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)

Member Length : 10'
System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Factored	
1 - Trimmer - SPF	3.00"	3.00"	1.50"	1447	1400	1400	3547	None
2 - Trimmer - SPF	3.00"	3.00"	1.50"	1447	1400	1400	3547	None

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	10' o/c	
Bottom Edge (Lu)	10' o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 10'	N/A	9.4	--	--	
1 - Uniform (PSF)	0 to 10'	14'	20.0	20.0	20.0	Default Load

Member Notes

FAMILY/ DINING CASSED OPENING ✓

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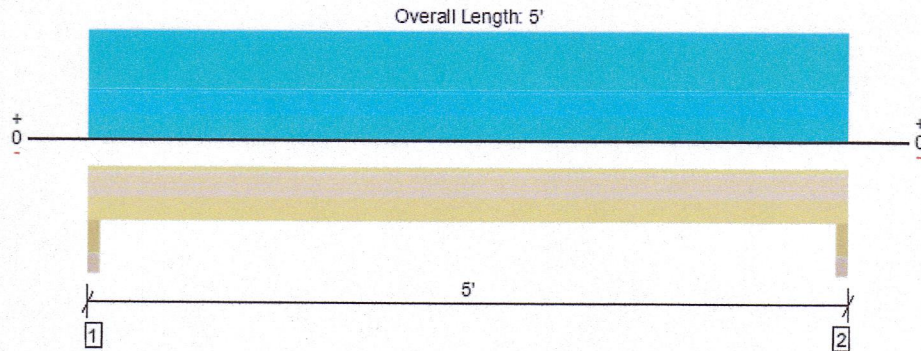
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
chris.caffey professional builds supply (910) 279-0610 chris.caffey@pb-supply.com	117 COLLINS RD., LILLINGTON, NC. DOWDY RESIDENCE



7/25/2025 1:50:35 PM UTC
ForteWEB v3.9, Engine: V8.4.3.94, Data: V8.1.7.3
File Name: MILTON ENTERPRISES

Level, Wall: Header
2 piece(s) 1 3/4" x 9 1/4" 2.0E Microllam® LVL



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	4721 @ 1' 1/2"	7613 (3.00")	Passed (62%)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Shear (lbs)	2793 @ 1' 1/4"	7689	Passed (36%)	1.25	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Moment (Ft-lbs)	5325 @ 2' 6"	14005	Passed (38%)	1.25	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Live Load Defl. (in)	0.042 @ 2' 6"	0.119	Passed (L/999+)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Total Load Defl. (in)	0.066 @ 2' 6"	0.237	Passed (L/866)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)

Member Length : 5'
System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Factored	
1 - Trimmer - SPF	3.00"	3.00"	1.86"	1721	2000	2000	4721	None
2 - Trimmer - SPF	3.00"	3.00"	1.86"	1721	2000	2000	4721	None

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	5' o/c	
Bottom Edge (Lu)	5' o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 5'	N/A	9.4	--	--	
1 - Uniform (PSF)	0 to 5'	40'	17.0	20.0	20.0	Default Load

Member Notes

DINING ROOM TWIN WINDOW ✓

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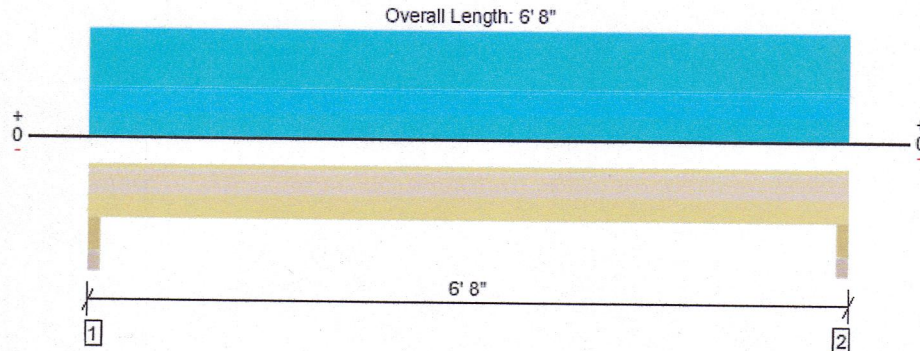
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ForteWEB Software Operator	Job Notes
chris claffey professional builds supply (910) 279-0610 chris.claffey@pb-supply.com	117 COLLINS RD., LILLINGTON, NC. DOWDY RESIDENCE



7/25/2025 1:52:50 PM UTC
ForteWEB v3.9, Engine: V8.4.3.94, Data: V8.1.7.3
File Name: MILTON ENTERPRISES

Level, Wall: Header
2 piece(s) 2 x 10 SP No.2



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	357 @ 1' 1/2"	5085 (3.00")	Passed (7%)	--	1.0 D + 1.0 Lr (All Spans)
Shear (lbs)	201 @ 1' 1/4"	2914	Passed (7%)	0.90	1.0 D (All Spans)
Moment (Ft-lbs)	448 @ 3' 4"	2568	Passed (17%)	0.90	1.0 D (All Spans)
Live Load Defl. (in)	0.003 @ 3' 4"	0.160	Passed (L/999+)	--	1.0 D + 1.0 Lr (All Spans)
Total Load Defl. (in)	0.015 @ 3' 4"	0.321	Passed (L/999+)	--	1.0 D + 1.0 Lr (All Spans)

Member Length : 6' 8"
System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- Applicable calculations are based on NDS.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Trimmer - SPF	3.00"	3.00"	1.50"	290	67	357	None
2 - Trimmer - SPF	3.00"	3.00"	1.50"	290	67	357	None

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	6' 8" o/c	
Bottom Edge (Lu)	6' 8" o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location	Tributary Width	Dead (0.90)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 6' 8"	N/A	7.0	--	
1 - Uniform (PLF)	0 to 6' 8"	N/A	80.0	20.0	Default Load

Member Notes

FROND BEDROOM 1 GABLE VAULTED

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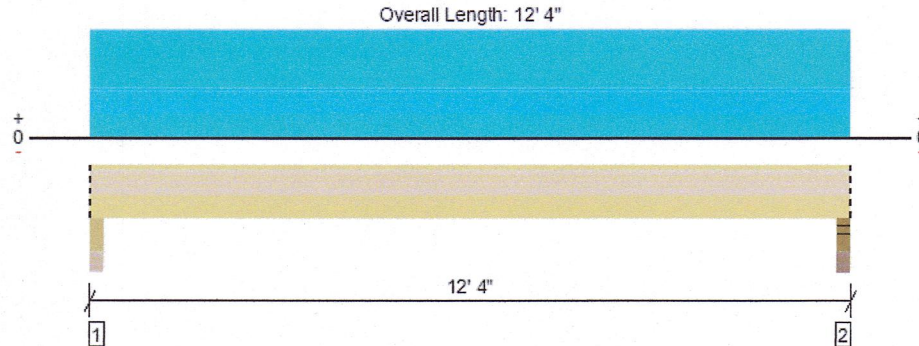
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
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7/25/2025 1:58:17 PM UTC
ForteWEB v3.9, Engine: V8.4.3.94, Data: V8.1.7.3
File Name: MILTON ENTERPRISES

Level, Roof: Drop Beam
2 piece(s) 1 3/4" x 9 1/4" 2.0E Microllam® LVL



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1837 @ 12' 2"	5206 (3.50")	Passed (35%)	--	1.0 D + 1.0 Lr (All Spans)
Shear (lbs)	1521 @ 1' 3/4"	7689	Passed (20%)	1.25	1.0 D + 1.0 Lr (All Spans)
Moment (Ft-lbs)	5363 @ 6' 2"	14005	Passed (38%)	1.25	1.0 D + 1.0 Lr (All Spans)
Live Load Defl. (in)	0.150 @ 6' 2"	0.400	Passed (L/957)	--	1.0 D + 1.0 Lr (All Spans)
Total Load Defl. (in)	0.320 @ 6' 2"	0.600	Passed (L/450)	--	1.0 D + 1.0 Lr (All Spans)

Member Length : 12' 4"
System : Roof
Member Type : Drop Beam
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD
Member Pitch : 0/12

- Deflection criteria: LL (L/360) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Column - SPF	3.50"	3.50"	1.50"	974	863	1837	Blocking
2 - Stud wall - SPF	3.50"	3.50"	1.50"	974	863	1837	Blocking

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	12' 4" o/c	
Bottom Edge (Lu)	12' 4" o/c	

- Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 12' 4"	N/A	9.4	--	
1 - Uniform (PSF)	0 to 12' 4" (Front)	7'	21.2	20.0	Default Load

- Side loads are assumed to not induce cross-grain tension.

Member Notes

SCREEN PORCH HEADERS ✓

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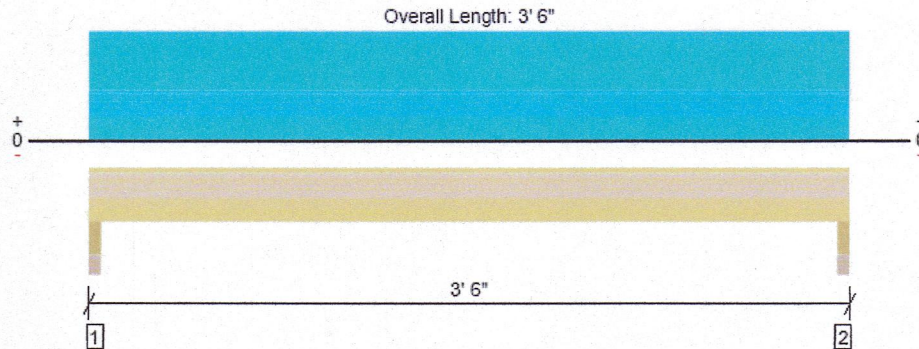
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

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7/25/2025 1:59:06 PM UTC
ForteWEB v3.9, Engine: V8.4.3.94, Data: V8.1.7.3
File Name: MILTON ENTERPRISES

Level, Wall: Header
2 piece(s) 2 x 10 SP No.2



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1163 @ 1' 1/2"	5085 (3.00")	Passed (23%)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Shear (lbs)	485 @ 1' 1/4"	4047	Passed (12%)	1.25	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Moment (Ft-lbs)	878 @ 1' 9"	3566	Passed (25%)	1.25	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Live Load Defl. (in)	0.004 @ 1' 9"	0.081	Passed (L/999+)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)
Total Load Defl. (in)	0.006 @ 1' 9"	0.162	Passed (L/999+)	--	1.0 D + 0.75 L + 0.75 Lr (All Spans)

Member Length : 3' 6"
System : Wall
Member Type : Header
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- Applicable calculations are based on NDS.

Supports	Bearing Length			Loads to Supports (lbs)				Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Factored	
1 - Trimmer - SPF	3.00"	3.00"	1.50"	428	490	490	1163	None
2 - Trimmer - SPF	3.00"	3.00"	1.50"	428	490	490	1163	None

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	3' 6" o/c	
Bottom Edge (Lu)	3' 6" o/c	

•Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 3' 6"	N/A	7.0	--	--	
1 - Uniform (PSF)	0 to 3' 6"	14'	17.0	20.0	20.0	Default Load

Member Notes

STUDY DOOR, BED 2 DOOR, STUDY WINDOW

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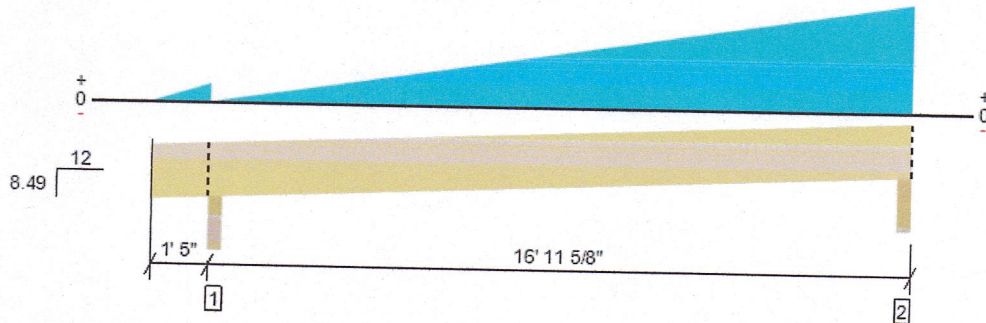
ForteWEB Software Operator	Job Notes
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File Name: MILTON ENTERPRISES

Level, Roof: Hip/Valley Beam
2 piece(s) 1 3/4" x 11 7/8" 2.0E Microllam® LVL

Sloped Length: 22' 6 1/4"



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	2106 @ 18' 2 5/8"	5206 (3.50")	Passed (40%)	--	1.0 D + 1.0 Lr (Alt Spans)
Shear (lbs)	1719 @ 17' 3 7/16"	9871	Passed (17%)	1.25	1.0 D + 1.0 Lr (Alt Spans)
Moment (Ft-lbs)	6679 @ 11' 1"	22310	Passed (30%)	1.25	1.0 D + 1.0 Lr (Alt Spans)
Live Load Defl. (in)	0.234 @ 10' 2 3/8"	0.680	Passed (L/999+)	--	1.0 D + 1.0 Lr (Alt Spans)
Total Load Defl. (in)	0.520 @ 10' 2 1/8"	1.020	Passed (L/471)	--	1.0 D + 1.0 Lr (Alt Spans)

- Deflection criteria: LL (L/360) and TL (L/240).
- Overhang deflection criteria: LL (2L/360) and TL (2L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Member Length : 23' 2 5/8"
System : Roof
Member Type : Flush Beam
Building Use : Residential
Building Code : IBC 2021
Design Methodology : ASD
Member Pitch : 8.49/12

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Beveled Plate - SPF	3.50"	3.50"	1.50"	670	495	1166	Blocking
2 - Beveled Plate - SPF	3.50"	3.50"	1.50"	1141	965	2106	Blocking

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	22' 6" o/c	
Bottom Edge (Lu)	22' 6" o/c	

- Maximum allowable bracing intervals based on applied load.
- Dimensions for lateral bracing intervals are measured along the length of the member for sloped conditions.

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 18' 4 5/8"	N/A	12.1	--	
1 - Tapered (PLF)	0 to 1' 5"	N/A	0.0 to 24.5	0.0 to 28.3	Generated from Roof Geometry
2 - Tapered (PLF)	1' 5" to 18' 4 5/8"	N/A	0.0 to 145.9	0.0 to 169.7	Generated from Roof Geometry

- Side loads are assumed to not induce cross-grain tension.

Member Notes

12/12, 12/12, VALLEY BEAM

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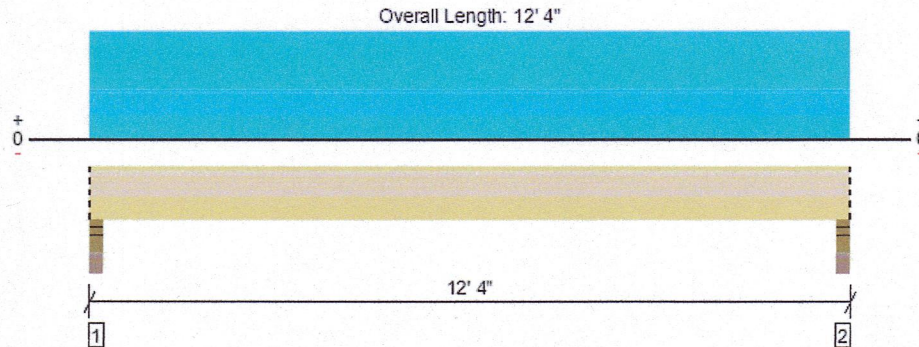
ForteWEB Software Operator	Job Notes
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File Name: MILTON ENTERPRISES

Level, RIDGE BEAM

1 piece(s) 1 3/4" x 14" 2.0E Microllam® LVL



Drawing is Conceptual. All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal (typ.).

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	2331 @ 2"	2603 (3.50")	Passed (90%)	--	1.0 D + 1.0 Lr (All Spans)
Shear (lbs)	1780 @ 1' 5 1/2"	5819	Passed (31%)	1.25	1.0 D + 1.0 Lr (All Spans)
Moment (Ft-lbs)	6805 @ 6' 2"	15161	Passed (45%)	1.25	1.0 D + 1.0 Lr (All Spans)
Live Load Defl. (in)	0.120 @ 6' 2"	0.400	Passed (L/999+)	--	1.0 D + 1.0 Lr (All Spans)
Total Load Defl. (in)	0.252 @ 6' 2"	0.600	Passed (L/571)	--	1.0 D + 1.0 Lr (All Spans)

Member Length : 12' 4"
 System : Roof
 Member Type : Drop Beam
 Building Use : Residential
 Building Code : IBC 2021
 Design Methodology : ASD
 Member Pitch : 0/12

- Deflection criteria: LL (L/360) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Roof Live	Factored	
1 - Stud wall - SPF	3.50"	3.50"	3.13"	1221	1110	2331	Blocking
2 - Stud wall - SPF	3.50"	3.50"	3.13"	1221	1110	2331	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	7' 1" o/c	
Bottom Edge (Lu)	12' 4" o/c	

• Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Roof Live (1.25)	Comments
0 - Self Weight (PLF)	0 to 12' 4"	N/A	7.2	--	
1 - Uniform (PSF)	0 to 12' 4" (Front)	9'	21.2	20.0	Default Load

• Side loads are assumed to not induce cross-grain tension.

Member Notes

BEDROOM 1 VAULTED RIDGE BEAM

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