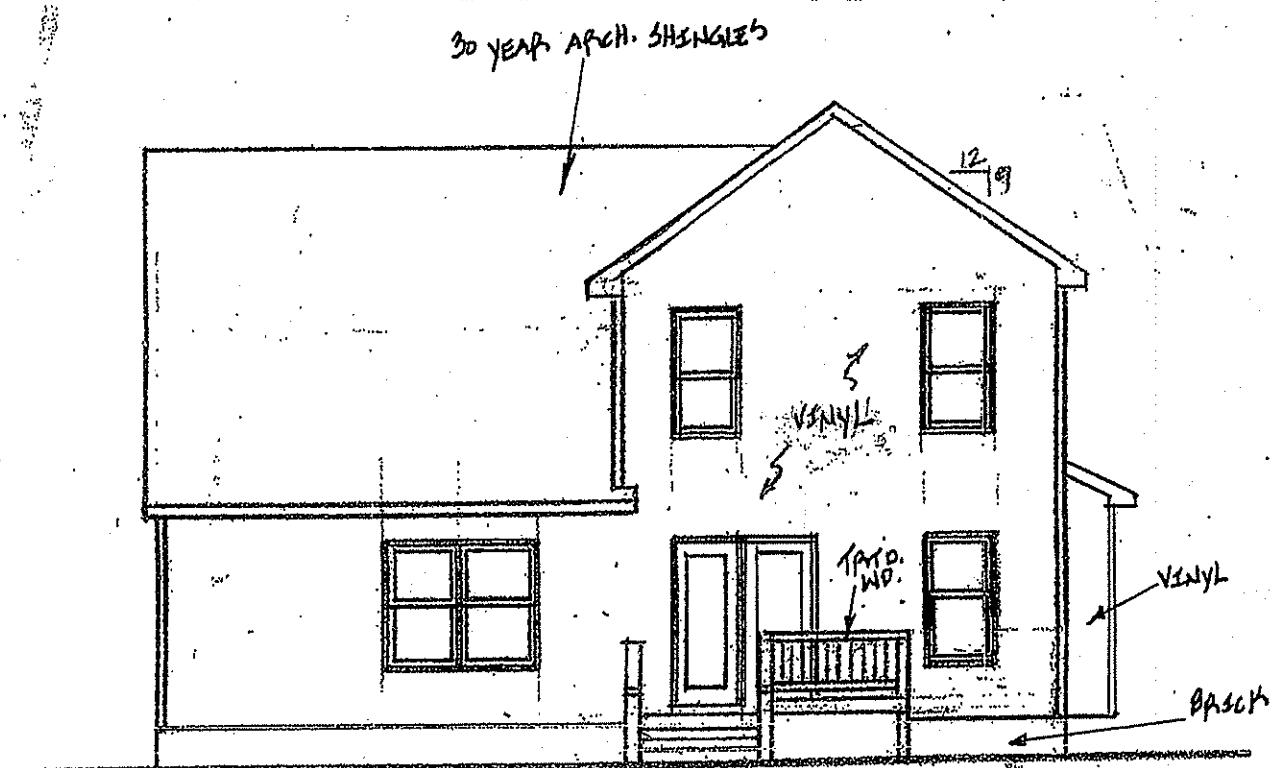
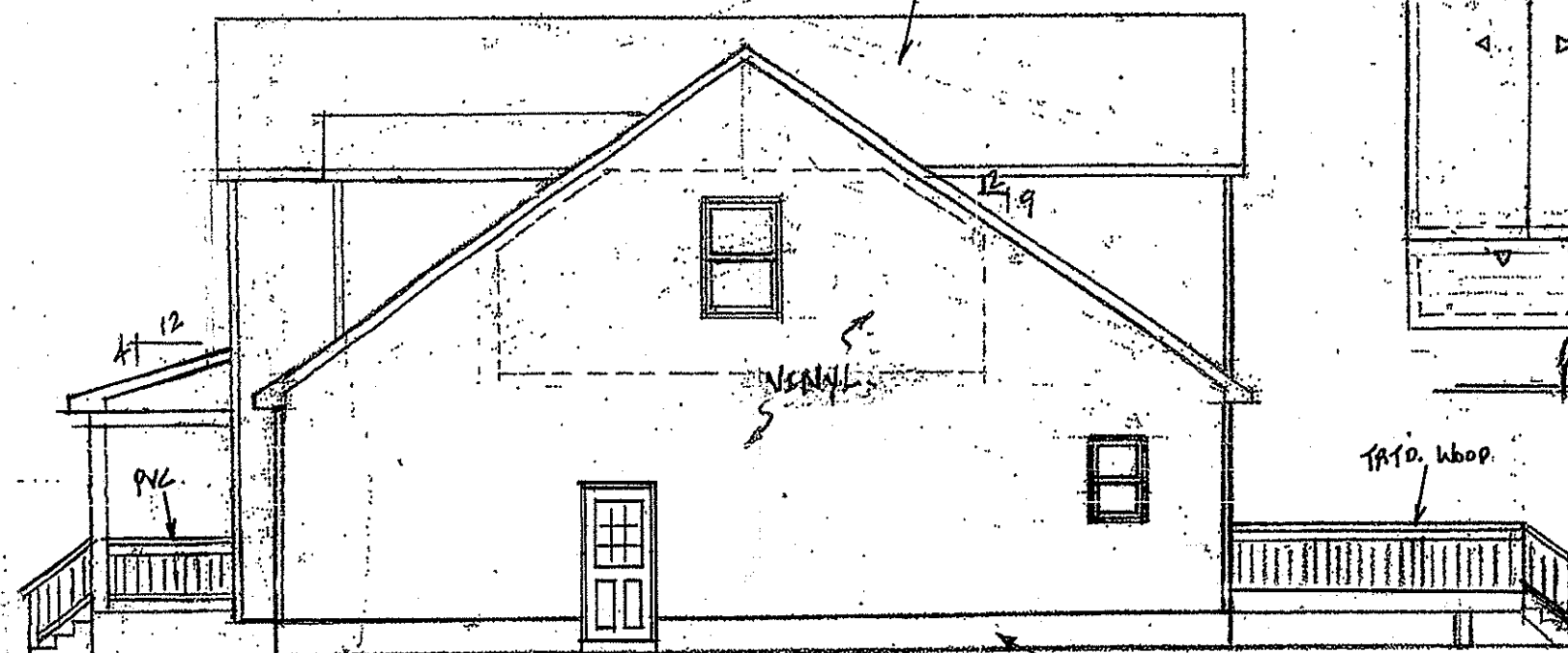




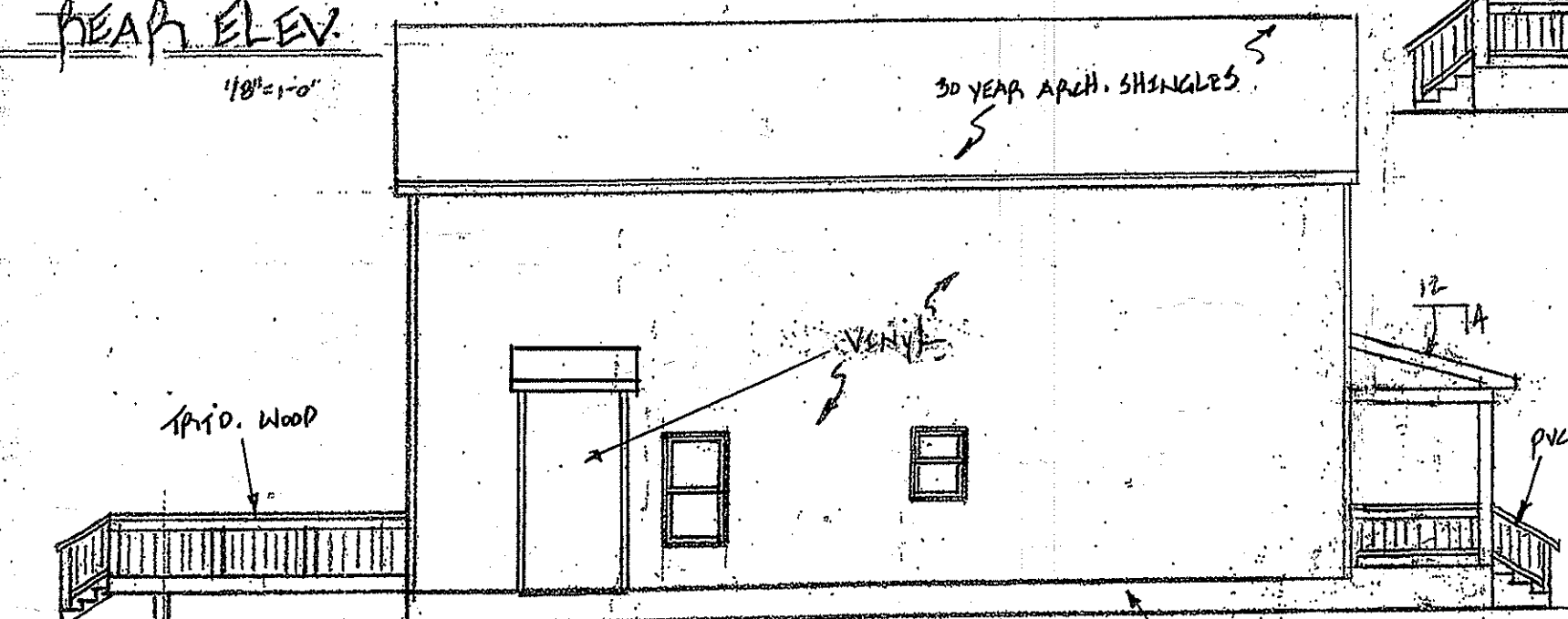
REAR ELEV.

1/8"=1'-0"



RIGHT SIDE ELEV.

1/8"=1'-0"



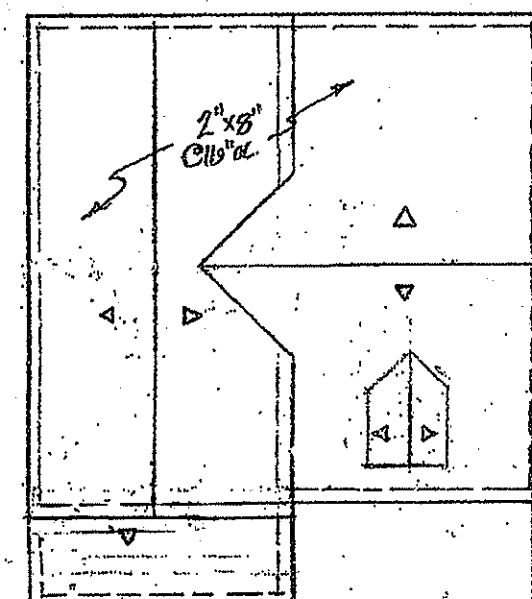
LEFT SIDE ELEV.

1/8"=1'-0"



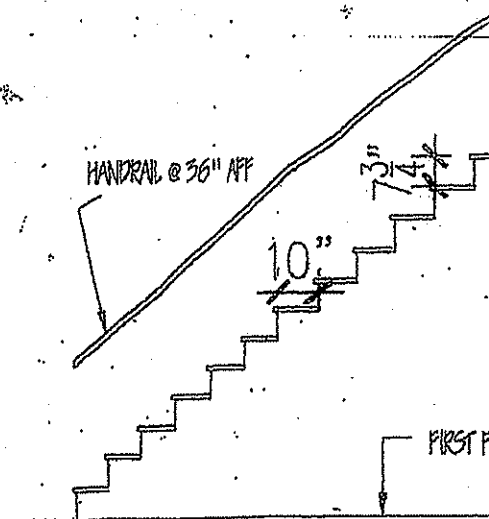
FRONT ELEVATION

1/4"=1'-0"



ROOF PLAN

N 45°



STAIR DETAIL

TABLE R502.5(1)
GIRDER SPANS^a AND HEADER SPANS^b FOR EXTERIOR BEARING

(Use span for Douglas fir-larch, hem-fir, southern pine and spruce-pine-fir; and required number of

GIRDERS AND HEADERS SUPPORTING	SIZE	GROUND SNOW LOAD (psf) ^c											
		Building width ^d (ft)											
		20						30					
		Span	N ^e	Span	N ^e	Span	N ^e	Span	N ^e	Span	N ^e	Span	N ^e
Roof and ceiling	2-2x4	3-6	1	3-2	1	2-10	1	3-2	1	3-2	1	3-2	1
	2-2x6	5-6	1	4-8	1	4-2	1	4-8	1	4-8	1	4-8	1
	2-2x8	6-10	1	5-11	2	5-4	2	5-11	2	5-11	2	5-11	2
	2-2x10	8-5	2	7-3	2	6-4	2	7-3	2	7-3	2	7-3	2
	2-2x12	9-9	2	8-5	2	7-6	2	8-5	2	8-5	2	8-5	2
	2-2x4	3-4	1	2-5	1	2-4	1	2-5	1	2-5	1	2-5	1
	2-2x6	4-6	1	3-7	1	3-2	1	3-7	1	3-7	1	3-7	1
	2-2x8	5-8	1	4-9	2	4-4	2	4-9	2	4-9	2	4-9	2
	2-2x10	7-0	2	6-2	2	5-6	2	6-2	2	6-2	2	6-2	2
	2-2x12	8-1	2	7-3	2	6-5	2	7-3	2	7-3	2	7-3	2
Roof, ceiling and one center-bearing floor	2-2x4	3-4	1	2-5	1	2-4	1	2-5	1	2-5	1	2-5	1
	2-2x6	4-6	1	3-7	1	3-2	1	3-7	1	3-7	1	3-7	1
	2-2x8	5-8	2	4-9	2	4-4	2	4-9	2	4-9	2	4-9	2
	2-2x10	7-0	2	6-2	2	5-6	2	6-2	2	6-2	2	6-2	2
	2-2x12	8-1	2	7-3	2	6-5	2	7-3	2	7-3	2	7-3	2
	2-2x4	3-4	1	2-5	1	2-4	1	2-5	1	2-5	1	2-5	1
	2-2x6	4-6	1	3-7	1	3-2	1	3-7	1	3-7	1	3-7	1
	2-2x8	5-8	2	4-9	2	4-4	2	4-9	2	4-9	2	4-9	2
	2-2x10	7-0	2	6-2	2	5-6	2	6-2	2	6-2	2	6-2	2
	2-2x12	8-1	2	7-3	2	6-5	2	7-3	2	7-3	2	7-3	2
Roof, ceiling and one clear-span floor	2-2x4	3-4	1	2-5	1	2-4	1	2-5	1	2-5	1	2-5	1
	2-2x6	4-6	1	3-7	1	3-2	1	3-7	1	3-7	1	3-7	1
	2-2x8	5-8	2	4-9	2	4-4	2	4-9	2	4-9	2	4-9	2
	2-2x10	7-0	2	6-2	2	5-6	2	6-2	2	6-2	2	6-2	2
	2-2x12	8-1	2	7-3	2	6-5	2	7-3	2	7-3	2	7-3	2
	2-2x4	3-4	1	2-5	1	2-4	1	2-5	1	2-5	1	2-5	1
	2-2x6	4-6	1	3-7	1	3-2	1	3-7	1	3-7	1	3-7	1
	2-2x8	5-8	2	4-9	2	4-4	2	4-9	2	4-9	2	4-9	2
	2-2x10	7-0	2	6-2	2	5-6	2	6-2	2	6-2	2	6-2	2
	2-2x12	8-1	2	7-3	2	6-5	2	7-3	2	7-3	2	7-3	2
Roof, ceiling and two center-bearing floors	2-2x4	3-4	1	2-5	1	2-4	1	2-5	1	2-5	1	2-5	1
	2-2x6	4-6	1	3-7	1	3-2	1	3-7	1	3-7	1	3-7	1
	2-2x8	5-8	2	4-9	2	4-4	2	4-9	2	4-9	2	4-9	2
	2-2x10	7-0	2	6-2	2	5-6	2	6-2	2	6-2	2	6-2	2
	2-2x12	8-1	2	7-3	2	6-5	2	7-3	2	7-3	2	7-3	2
	2-2x4	3-4	1	2-5	1	2-4	1	2-5	1	2-5	1	2-5	1
	2-2x6	4-6	1	3-7	1	3-2	1	3-7	1	3-7	1	3-7	1
	2-2x8	5-8	2	4-9	2	4-4	2	4-9	2	4-9	2	4-9	2
	2-2x10	7-0	2	6-2	2	5-6	2	6-2	2	6-2	2	6-2	2
	2-2x12	8-1	2	7-3	2	6-5	2	7-3	2	7-3	2	7-3	2
Roof, ceiling and two clear-span floors	2-2x4	3-4	1	2-5	1	2-4	1	2-5	1	2-5	1	2-5	1
	2-2x6	4-6	1	3-7	1	3-2	1	3-7	1	3-7	1	3-7	1
	2-2x8	5-8	2	4-9	2	4-4	2	4-9	2	4-9	2	4-9	2
	2-2x10	7-0	2	6-2	2	5-6	2	6-2	2	6-2	2	6-2	2
	2-2x12	8-1	2	7-3	2	6-5	2	7-3	2	7-3	2	7-3	2
	2-2x4	3-4	1	2-5	1	2-4	1	2-5	1	2-5	1	2-5	1
	2-2x6	4-6	1	3-7	1	3-2	1	3-7	1	3-7	1	3-7	1
	2-2x8	5-8	2	4-9	2	4-4	2	4-9	2	4-9	2	4-9	2
	2-2x10	7-0	2	6-2	2	5-6	2	6-2	2	6-2	2	6-2	2
	2-2x12	8-1	2	7-3	2	6-5	2	7-3	2	7-3	2	7-3	2

For S1: 1 inch = 25.4 mm, 1 pound per square foot = 0.0479 kN/m².
 a. Spans are given in feet and inches.
 b. Tabulated values assume 12' grade loading.
 c. Building width is measured perpendicular to the ridge. For widths between those shown, spans are permitted to be interpolated.
 d. N^e - Number of jack studs required to support each end. Where the number of required jack studs equals one, the header is permitted to be supported by a single jack stud.
 e. Use 30 psf ground snow load for cases in which ground snow load is less than 30 psf and the roof live load is equal to or less than 20 psf.

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 Designs By Mark
 599-6380 Mark Paulsen
 707 Rouse Rd
 Newport News, VA 23601
 J. Paulsen

8-16-18
 (THE WINSTON)