



QUEEN ANNE'S COUNTY
 PLANNING & ZONING
 110 Vincit Street, Suite 104
 Centreville, MD 21617
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Permit No.: _____

Date: _____

Date Issued: _____

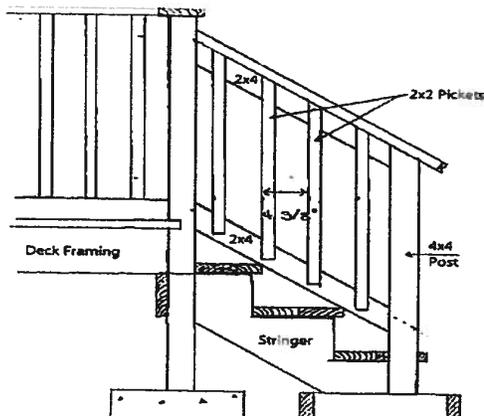
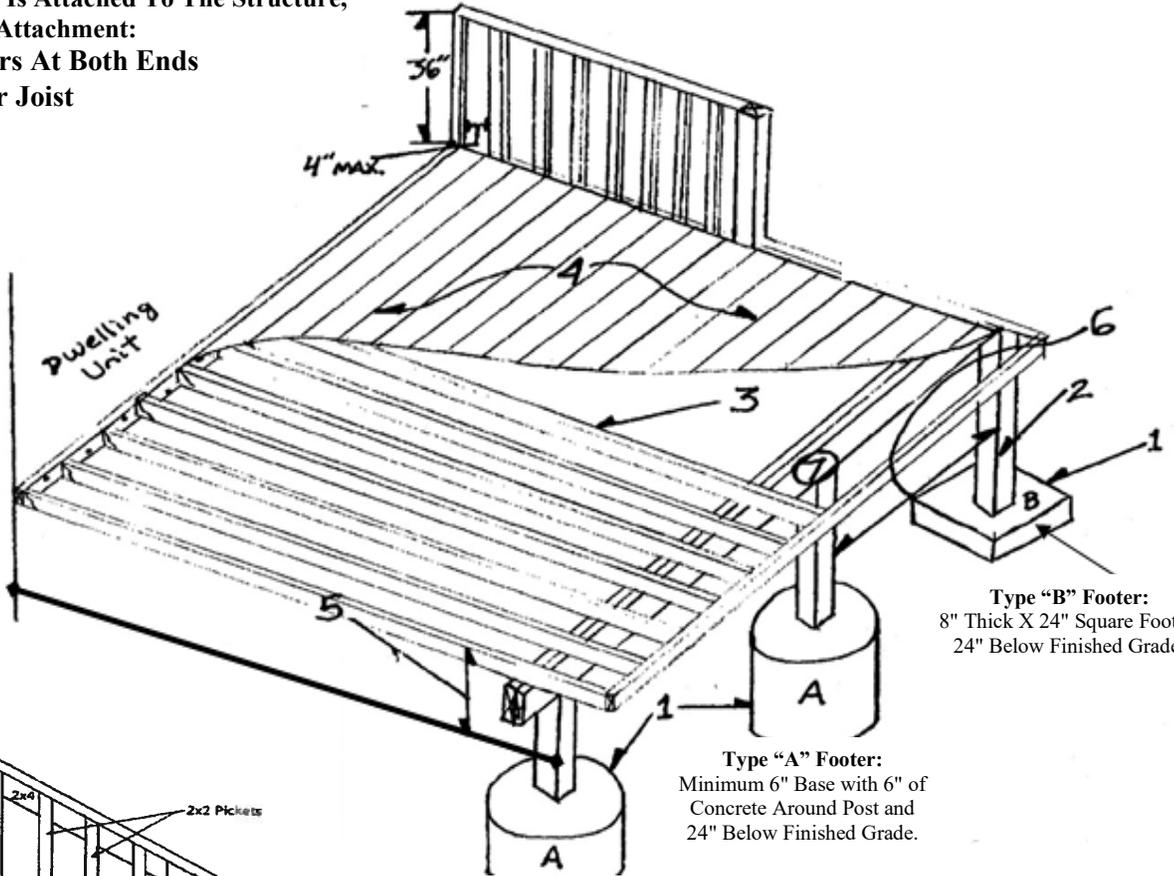
DECK DETAIL SHEET

Please match the picture at the bottom with the corresponding number at top. See reverse side for allowable joist & deck spans. You must attach a plain view drawing of deck showing footer location with this detail.

- 1) Footer Type (A or B): _____
- 2) Post Size: _____
- 3) Joist Size: _____
- 4) Floor Material: _____
- 5) Distance Above Finished Grade: _____
- 6) Distance Between Post: _____
- 7) Size of Beam/Girder _____

NOTE: When Deck Is Attached To The Structure,
 State Method of Attachment:

- A. Joist Hangers At Both Ends
- B. Beam Under Joist



Minimum guardrail height is 36", with no more than 4" permitted between spindles/balusters.

When there are four or more risers, handrails shall be 34" to 38" in height.

Stairs: The maximum riser height shall be 7 3/4", the minimum tread depth shall be 10".

ALLOWABLE DECK FLOOR JOIST SPANS

Table R507.5

Deck Joist Spans for Common Lumber Species (ft.- in.)

SPECIES ^a	SIZE	Spacing of Deck Joists with No Cantilever (inches)			Spacing of Deck Joists with No Cantilever (inches)		
		12	16	24	12	16	24
southern pine	2 x 6	9-11	9-0	7-7	6-8	6-8	6-8
	2 x 8	13-1	11-10	9-8	10-1	10-1	9-8
	2x10	16-2	14-0	11-5	14-6	14-0	11-5
	2x12	18-0	16-6	13-6	18-0	16-6	13-6
douglas fir-larch ^d , hem-fir, spruce pine fir	2 x 6	9-6	8-8	7-2	6-3	6-3	6-3
	2 x 8	12-6	11-1	9-1	9-5	9-5	9-1
	2x10	15-8	13-7	11-1	13-7	13-7	11-1
	2x12	18-0	15-9	12-10	18-0	15-9	12-10
redwood, western cedars, ponderosa pine, red pine	2 x 6	8-10	8-0	7-0	5-7	5-7	5-7
	2 x 8	11-8	10-7	8-8	8-6	8-6	8-6
	2x10	14-11	13-0	10-7	12-3	12-3	10-7
	2x12	17-5	15-1	12-4	16-5	15-1	12-4

CANTILEVER SPANS

Table R502.3.3(1)

Cantilever Spans for Floor Joists Supporting Light-Frame Exterior Bearing Wall and Roof Only^{a,b,f,g,h}
(Floor Live Load- 40 psf, Roof Live-20 psf)

Member & Spacing	Maximum Cantilever Span (uplift force at backspan in lbs.) ^d											
	Ground Snow Load											
	20 pst-Roof Width			30 pst-Roof Width			50 pst-Roof Width			70 pst-Roof Width		
	24 ft	32 ft	40 ft	24 ft	32 ft	40 ft	24 ft	32 ft	40 ft	24 ft	32 ft	40 ft
2 x 8 @ 12"	20" (177)	15" (227)	--	18" (209)	--	--	--	--	--	--	--	--
2 x 10 @ 16"	29" (228)	21" (297)	16" (364)	26" (271)	18" (354)	--	20" (375)	--	--	--	--	--
2 x 10 @ 12"	36" (166)	26" (219)	20" (270)	34" (198)	22" (263)	16" (324)	26" (277)	--	--	19" (356)	--	--
2 x 12 @ 16"	--	32" (287)	25" (356)	36" (263)	29" (345)	21" (428)	29" (367)	20" (484)	--	23" (471)	--	--
2 x 12 @ 12"	--	42" (209)	31" (263)	--	37" (253)	27" (317)	36" (271)	27" (358)	17" (447)	31" (348)	19" (462)	--
2 x 12 @ 8"	--	48" (136)	45" (169)	--	48" (164)	38" (206)	--	40" (233)	26" (294)	36" (230)	29" (304)	18" (379)

MAXIMUM DECK FLOOR JOIST SPANS

Table R507.8

Deck Post Height^a

Deck Post Size	Maximum Height ^a
4 x 4	8'
4 x 6	8'
6 x 6	14'