

Deck Construction Guide

BP# _____

Decks to be designed for 40 p.s.f live load as per A.A. county code bill 46-03

* Do not support framing load on existing chimney.

*Decks are not approved for future installation of hot tubs.

Post: 4x4 up to 8 ft.
6x6 above 8 ft.
8x8 above 15 ft.

* If deck attaches to an existing cantilever a second beam is required.

This set of plans has been examined for construction subject to:
1. All notes and comments by referring agencies.
2. Field Inspections.
3. Full compliance with Building Code(s) adopted by Anne Arundel County.

Permit# _____ Date: _____
By: _____

* post must be secured to footing with post anchor or encased in concrete

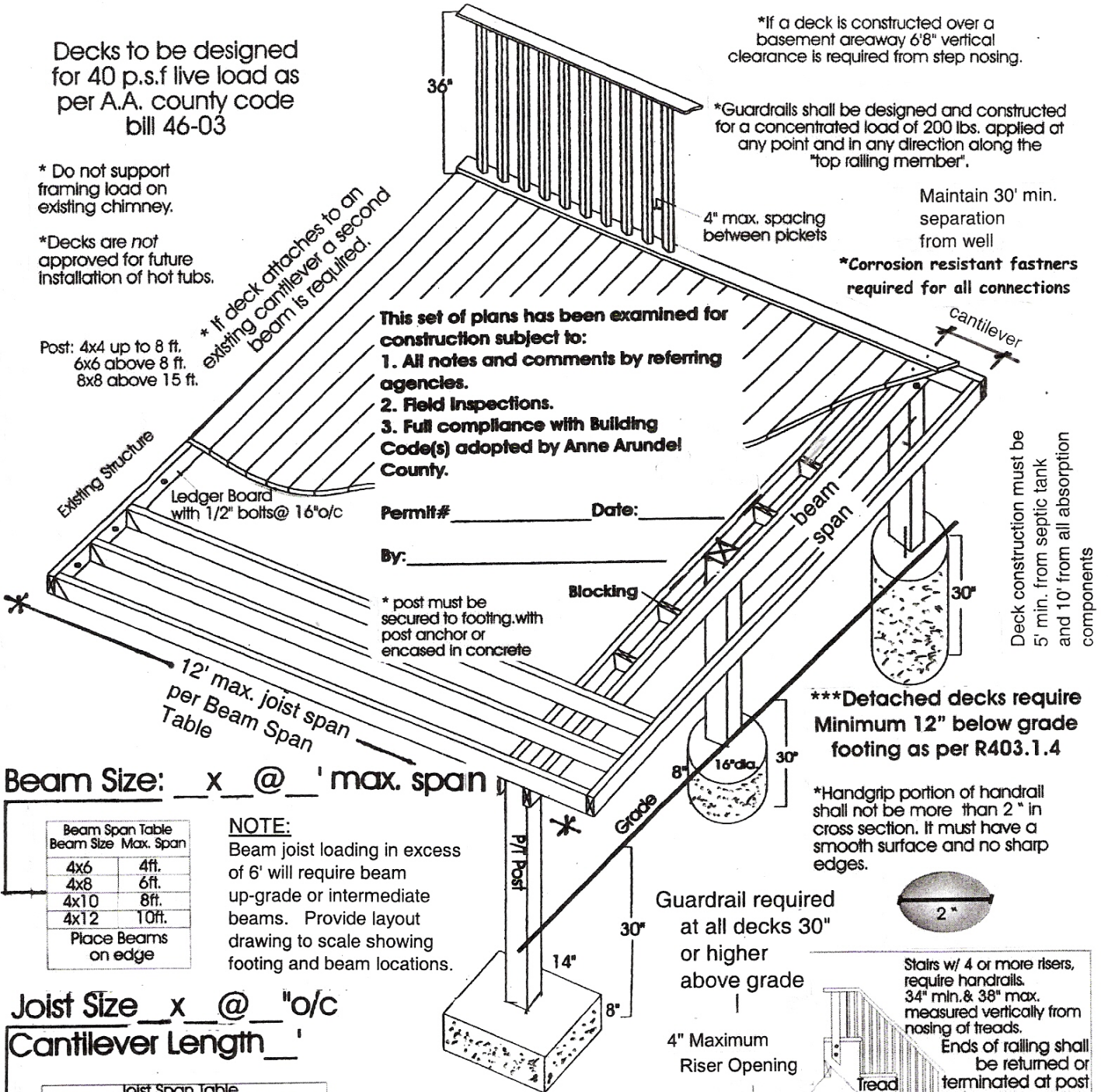
*If a deck is constructed over a basement areaway 6'8" vertical clearance is required from step nosing.

*Guardrails shall be designed and constructed for a concentrated load of 200 lbs. applied at any point and in any direction along the "top railing member".

Maintain 30' min. separation from well

*Corrosion resistant fasteners required for all connections

Deck construction must be 5' min. from septic tank and 10' from all absorption components



Beam Size: x @ ' max. span

Beam Size	Max. Span
4x6	4ft.
4x8	6ft.
4x10	8ft.
4x12	10ft.

Place Beams on edge

NOTE:
Beam joist loading in excess of 6' will require beam up-grade or intermediate beams. Provide layout drawing to scale showing footing and beam locations.

Joist Size x @ "o/c
Cantilever Length '

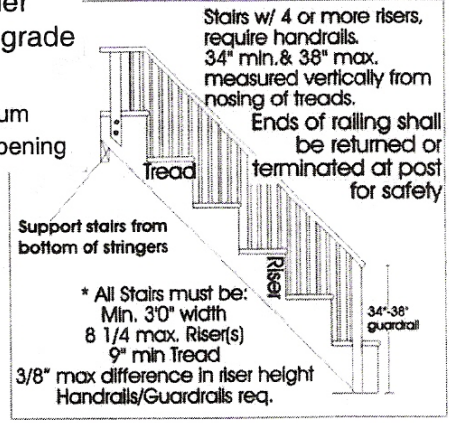
Joist Sizes	Joist Spacing			Maximum Cantilever
	12"	16"	24"	
2x6	10'	9'	8'	
2x8	14'	12'	10'	2 ft.
2x10	17'	16'	13'	3 ft.
2x12	21'	19'	15'	4 ft.

Minimum Footing:
14"x14"x8" @30" below grade w/ min. 8" concrete beneath post
or:
16" diameter (sono-tube)

***All footings must rest on undisturbed soil.**

Guardrail required at all decks 30" or higher above grade

4" Maximum Riser Opening



* All Stairs must be:
Min. 30" width
8 1/4 max. Riser(s)
9" min Tread
3/8" max difference in riser height
Handrails/Guardrails req.