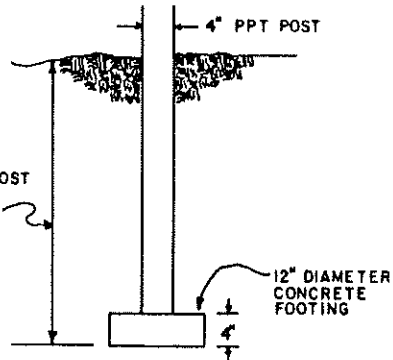
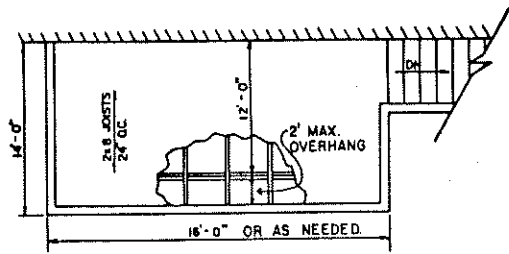


**FRAMING ISOMETRIC**  
FOR JOIST SPANS (BEAM TO BEAM) OF 12' OR LESS



**FOOTING DETAIL**



**NOTES:**

1. THESE PLANS ARE DESIGNED TO SHOW BASIC DECK CONSTRUCTION, ASSUMING 50 lb/sq. ft. TOTAL LOAD -- A HOME USE STANDARD
2. THE BASIC MODULE (14' x 16') MAY BE SHORTENED OR EXTENDED ALONG THE 16' DIMENSION
3. REFER TO TABLE 1 WHEN SPANNING OTHER DISTANCES THAN SHOWN IN THIS PLAN
4. PRESSURE PRESERVATIVE (CCA) TREATED WOOD SHOULD BE USED. USE OF TREATED LUMBER FOR POSTS AND BEAMS AND REDWOOD FOR DECKING AND RAILS IS A POPULAR CHOICE
5. DECKS MAY BE OF ANY WEATHER RESISTANT MATERIAL THAT HAS ADEQUATE STRENGTH SUCH AS 23/32 INCH APA RATED STURO - 1 - FLOOR EXT. PLYWOOD. WEATHER RESISTANT PROTECTIVE COATINGS ARE RECOMMENDED. PRESSURE PRESERVATIVE TREATED, 1.5" THICK BOARDS ARE EXCELLENT EXCEPT THAT TREATMENT CHEMICAL MUST BE EPA APPROVED FOR THIS USE

**NOTE:**

- \* THINNER WOOD DECKS REQUIRE CLOSER SPACING OF JOIST
- \* SEE 6407 FOR STAIR AND RAILING DETAIL

**TABLE 1**

**JOIST SIZE AND SPAN CHART**

BOARD SIZE	#1 GRADE	#1 GRADE	#2 GRADE	#2 GRADE
	16" O.C.	24" O.C.	16" O.C.	24" O.C.
	MAX. SPAN	MAX. SPAN	MAX. SPAN	MAX. SPAN
2 x 6	9' - 9"	7' - 11"	8' - 7"	7' - 0"
2 x 8	12' - 10"	10' - 6"	11' - 4"	9' - 3"
2 x 10	16' - 5"	13' - 4"	14' - 6"	11' - 10"

COOPERATIVE EXTENSION SERVICE  
AGRICULTURE AND HOME ECONOMICS

AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

ATTACHED PORCH DECK

MD 88	6406	SHEET 1 OF 1
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