

TYPICAL DECK LEDGER BOARD TO HOUSE BAND DETAIL



ATTENTION: VERIFY ALL BUILDING PRACTICES WITH LOCAL BUILDING DEPARTMENTS.
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FOOTINGS: SEE TABLE 1 FOR FOOTING SIZE. FOOTINGS MUST BE 8" MINIMUM THICKNESS. FROST FOOTINGS SHALL BE INSTALLED BELOW FROST LINE. CHECK WITH YOUR LOCAL BUILDING DEPARTMENT FOR FOOTING DEPTH REQUIREMENTS. ALL FOOTINGS SHALL BEAR ON SOLID GROUND.

TABLE 1 POST SPACING

		4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'		
JOIST LENGTH	6'	CORNER FOOTING		6 5 4	7 6 5	7 6 5	8 7 6	9 7 6	9 7 6	10 8 7	10 8 7	10 9 7	11 9 8	11 9 8
		INTERMEDIATE FOOTING		9 8 7	10 8 7	10 9 7	11 9 8	12 10 9	13 10 9	14 11 10	14 12 10	15 12 10	15 13 11	16 13 11
	7'	CORNER FOOTING		7 5 5	7 6 5	8 7 6	9 7 6	9 8 7	10 8 7	10 8 7	11 9 8	11 9 8	12 10 9	12 10 9
		INTERMEDIATE FOOTING		9 8 7	10 8 7	11 9 8	12 10 9	13 11 9	14 11 10	15 12 10	15 13 11	16 13 11	17 14 12	17 14 12
	8'	CORNER FOOTING		7 6 5	8 6 6	9 7 6	9 8 7	10 8 7	10 8 7	11 9 8	11 9 8	12 10 9	13 10 9	13 11 9
		INTERMEDIATE FOOTING		10 8 7	11 9 8	12 10 9	13 11 9	14 11 10	15 12 10	16 13 11	16 13 12	17 14 12	18 15 13	18 15 13
	9'	CORNER FOOTING		7 6 5	8 7 6	9 7 6	10 8 7	10 9 7	11 9 8	12 10 8	12 10 9	13 10 9	13 11 9	14 11 10
		INTERMEDIATE FOOTING		10 9 7	12 10 8	13 10 9	14 11 10	15 12 10	16 13 11	17 14 12	17 14 12	18 15 13	18 15 13	20 16 14
	10'	CORNER FOOTING		8 6 6	9 7 6	10 8 7	10 8 7	11 9 8	12 10 8	12 10 9	13 11 9	14 11 10	14 12 10	15 12 10
		INTERMEDIATE FOOTING		11 9 8	12 10 9	14 11 10	15 12 10	16 13 11	17 14 12	17 14 12	18 15 13	19 16 14	20 16 14	21 17 15
	11'	CORNER FOOTING		8 7 6	9 7 6	10 8 7	11 9 8	12 9 8	12 10 9	13 11 9	14 11 10	14 12 10	15 12 10	15 13 11
		INTERMEDIATE FOOTING		12 9 8	13 11 9	14 12 10	15 12 10	16 13 11	17 14 12	17 14 12	18 15 13	19 16 14	20 16 14	21 17 15
	12'	CORNER FOOTING		9 7 6	10 8 7	10 9 7	11 9 8	12 10 9	13 10 9	14 11 10	14 12 10	15 12 10	15 13 11	16 13 11
		INTERMEDIATE FOOTING		12 10 9	14 11 10	15 12 10	16 13 11	17 14 12	18 15 13	19 16 14	20 16 14	21 17 15	22 18 15	23 18 16
	13'	CORNER FOOTING		9 7 6	10 8 7	11 9 8	12 10 8	13 10 9	13 11 9	14 12 10	15 12 10	15 13 11	16 13 11	17 14 12
		INTERMEDIATE FOOTING		13 10 9	14 12 10	15 13 11	17 14 12	18 15 13	19 15 13	20 16 14	21 17 15	22 18 15	23 19 16	24 19 17
14'	CORNER FOOTING		9 8 7	10 8 7	11 9 8	12 10 9	13 11 9	14 11 10	15 12 10	15 13 11	16 13 11	17 14 12	17 14 12	
	INTERMEDIATE FOOTING		13 11 9	15 12 10	16 13 11	17 14 12	18 15 13	20 16 14	21 17 15	22 18 15	23 18 16	24 19 17	24 20 17	
15'	CORNER FOOTING		10 8 7	11 9 8	12 10 8	13 10 9	14 11 10	14 12 10	15 12 11	16 13 11	17 14 12	17 14 12	18 15 13	
	INTERMEDIATE FOOTING		14 11 10	15 12 11	17 14 12	18 15 13	19 16 14	20 17 14	21 17 15	22 18 16	23 19 17	24 20 17	25 21 18	
16'	CORNER FOOTING		10 8 7	11 9 8	12 10 9	13 11 9	14 11 10	15 12 10	16 13 11	16 13 12	17 14 12	18 15 13	18 15 13	
	INTERMEDIATE FOOTING		14 11 10	16 13 11	17 14 12	18 15 13	20 16 14	21 17 15	22 18 16	22 19 16	24 20 17	25 21 18	26 21 18	

REQUIREMENTS FOR 3-SEASON PORCHES OR SCREEN PORCHES:
 A: INCREASE CORNER FOOTING SIZE BY 90%
 B: INCREASE CENTER FOOTING SIZE BY 55%
 C: LOCATE ALL FOOTINGS AT EXTEMITIES OF DECK (NO CANTILEVERS)

ALL FOOTING SIZES ABOVE ARE BASE DIAMETERS (IN INCHES) AND ARE LISTED FOR THREE SOIL TYPES:

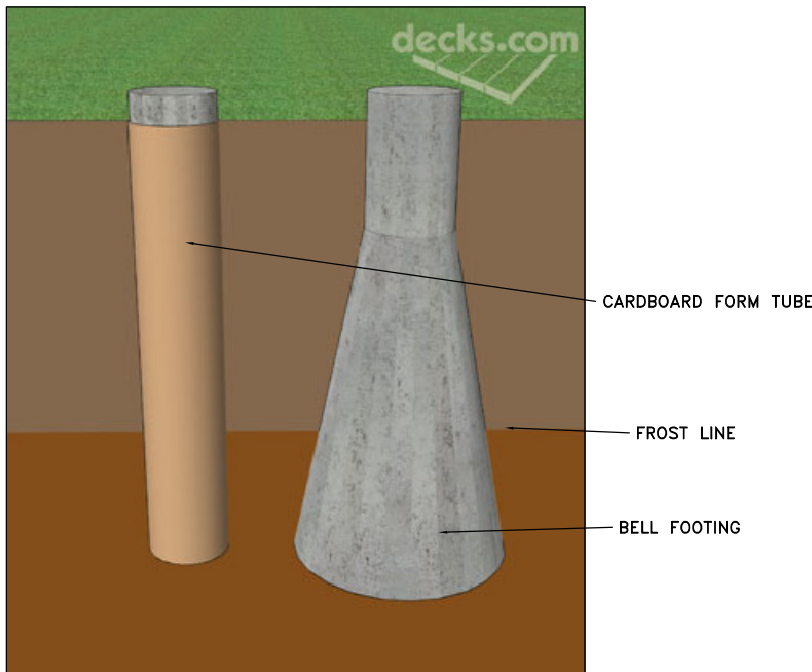
	CLAY	SAND	GRAVEL
CORNER FOOTING	6	5	4
INTERMEDIATE FOOTING	9	8	7

EXCAVATION: CALL BEFORE YOU DIG. HAVE ALL UTILITIES MARKED.

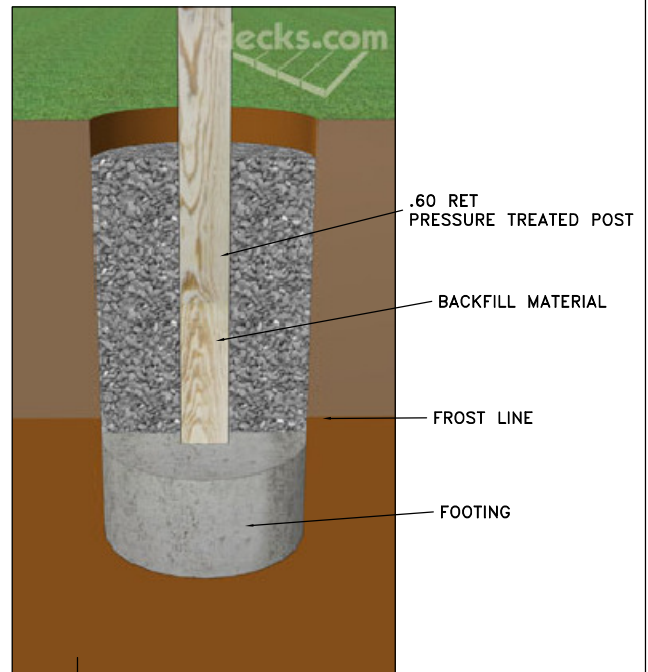
CONCRETE: USE A MINIMUM 2,500 PSI CONCRETE MIX FOR FROST FOOTING FOUNDATIONS.

CONCRETE ANCHORS AND POST BASE CONNECTORS SHALL BE GALVANIZED WITH 1.85 OZ/SF OF ZINC (G-185) COATING) OR STAINLESS STEEL.

CONCRETE PIER FOOTING TYPE



EMBEDDED WOOD POST FOOTING TYPE



ALTERNATE FOOTING: WOOD POSTS MUST BE .60 RET PRESSURE TREATED FOR GROUND CONTACT.