

TABLE C-2.3

TIMBER TRENCH SHORING -- MINIMUM TIMBER REQUIREMENTS \*  
 SOIL TYPE C  $P_a = 80 \text{ X H} \dagger 72 \text{ psf}$  (2 ft. Surcharge)

DEPTH OF TRENCH (FEET)	SIZE (SIZES) AND SPACING OF MEMBERS **											
	CROSS BRACES						MALES			UPRIGHTS		
	HORIZ. SPACING (FEET)		WIDTH OF TRENCH (FEET)				VERT. SPACING (FEET)	SIZE (IN)	VERT. SPACING (FEET)	MAXIMUM ALLOWABLE HORIZONTAL SPACING (FEET)		
			UP TO 4	UP TO 6	UP TO 9	UP TO 12				UP TO 15	CLOSE	
5	UP TO 6	6X6	6X6	6X6	6X6	8X8	5	8X8	5	3X6		
TO	8	6X6	6X6	6X6	8X8	8X8	5	10X10	5	3X6		
10	UP TO 10	6X6	6X6	8X8	8X8	8X8	5	10X12	5	3X6		
	See Note 1											
10	UP TO 6	6X8	6X8	6X8	8X8	8X8	5	10X10	5	4X6		
TO	8	8X8	8X8	8X8	8X8	8X8	5	12X12	5	4X6		
15	See Note 1											
	See Note 1											
15	UP TO 6	8X8	8X8	8X8	8X10	8X10	5	10X12	5	4X6		
TO	See Note 1											
20	See Note 1											
	See Note 1											
OVER 20	SEE NOTE 1											

\* Douglas fir or equivalent with a bending strength not less than 1500 psi.  
 \*\* Manufactured members of equivalent strength may be substituted for wood.