

TABLE C-1.3

TIMBER TRENCH SHORING -- MINIMUM TIMBER REQUIREMENTS \*  
 SOIL TYPE C P<sub>a</sub> = 80 X H + 72 psf (2 ft. Surcharge)

DEPTH OF TRENCH (FEET)	SIZE (ACTUAL) AND SPACING OF MEMBERS**													UPRIGHTS	
	GROSS BRACES				WIDTH OF TRENCH (FEET)				VERT. SPACING (FEET)	SIZE (IN.)	VERT. SPACING (FEET)	MAXIMUM ALLOWABLE HORIZONTAL SPACING (FEET) (See Note 2)			
	UP TO 4	UP TO 6	UP TO 9	UP TO 12	UP TO 15	UP TO 15	UP TO 15	UP TO 15				CLOSE			
5	UP TO 6	6X8	6X8	6X8	8X8	8X8	8X8	5	8X10	5	2X6				
TO	UP TO 8	8X8	8X8	8X8	8X8	8X10	8X10	5	10X12	5	2X6				
10	UP TO 10	8X10	8X10	8X10	8X10	10X10	10X10	5	12X12	5	2X6				
	See Note 1														
10	UP TO 6	8X8	8X8	8X8	8X8	8X10	8X10	5	10X12	5	2X6				
TO	UP TO 8	8X10	8X10	8X10	8X10	10X10	10X10	5	12X12	5	2X6				
15	See Note 1														
	See Note 1														
15	UP TO 6	8X10	8X10	8X10	8X10	10X10	10X10	5	12X12	5	3X6				
TO	See Note 1														
20	See Note 1														
	See Note 1														
OVER 20	SEE NOTE 1														

\* Mixed Oak or equivalent with a bending strength not less than 850 psi.  
 \*\* Manufactured members of equivalent strength may be substituted for wood.