

TABLE C-1.1

TIMBER TRENCH SHORING -- MINIMUM TIMBER REQUIREMENTS \*  
 SOIL TYPE A  $P_a = 25 \text{ X H} + 72 \text{ psf}$  (2 ft Surcharge)

DEPTH OF TRENCH (FEET)	SIZE (ACTUAL) AND SPACING OF MEMBERS. **														
	CROSS BRACES						MALES					UPRIGHTS			
	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				4	5	6	8		
5	UP TO 6	4X4	4X6	6X6	6X6	4	Not Req'd	---							
	UP TO 8	4X4	4X6	6X6	6X6	4	Not Req'd	---					2X6		
10	UP TO 10	4X6	4X6	6X6	6X6	4	8X8	4			2X6				
	UP TO 12	4X6	4X6	6X6	6X6	4	8X8	4					2X6		
10	UP TO 6	4X4	4X6	6X6	6X6	4	Not Req'd	---							3X8
	UP TO 8	4X6	4X6	6X6	6X6	4	8X8	4		2X6					
15	UP TO 10	6X6	6X5	6X6	6X8	4	8X10	4					2X6		
	UP TO 12	6X6	6X6	6X8	6X8	4	10X10	4							3X8
15	UP TO 6	6X6	6X6	6X8	6X8	4	6X8	4			3X6				
	UP TO 8	6X6	6X6	6X8	6X8	4	8X8	4			3X6				
20	UP TO 10	8X8	8X8	8X8	8X10	4	8X10	4			3X6				
	UP TO 12	8X8	8X8	8X8	8X10	4	10X10	4			3X6				
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.