TRENCH SHORING-MINIMUM REQUIREMENTS

 TRENCH DETAILS
 STANDARD NO. SS-12

 SHEET 4 OF 4
 STANDARD

 City of Aztec
 CONSTRUCTION STANDARDS

 Public Works
 Department

SIZE & SPACING OF MEMBERS

DEPTH OF		UPRIGHTS	IIS	STRINGERS	ERS		ö	CROSS BRACES-SEE NOTE	ACES-SE	E NOTE	-	
TRENCH	KIND OF EARTH	DIMENSION	MAXIMUM	DIMENSION	MAXIMUM		MI	WIDTH OF TRENCH	NCH		MAXIMUM SPACING	PACING
						UP TO 3'	3'TO 6'	6,10 9'	9'TO 12'	12'TO 15' IVERTICAL	VERTICAL	HORIZONTAL
FEET		INCHES	FEET	INCHES	FEET	INCHES	INCHES	INCHES	INCHES	INCHES	FEET	FEET
5' TO 10'	HARD, COMPACT 3X4	. 3X4 DR 2X6	9			2X6	4X4	4X6	9X9	8X9	4	9
	LIKELY TO CRACK	. JX4 OR 2X6	m	4X6	4	2X6	4X4	4X6	9X9	6X8	4	9
	SOFT, SANDY, OR FILLED. 3344	13X4 OR 2X6	CLOSE	4X6	4	4X4	4X6	9X9	6X8	BX8	4	ß
	HYDROSTATIC PRESSURE	, 3X4 OR 2X8	CLOSE	6X8	4	4X4	4X6	6X6	6X8	BX8	4	Q
10' TO 15'	10' TO 15' HARD	3X4 OR 2X6	4	4X6	4	4X4	4X6	6X6	6X8	8X8	4	9
	LIKELY TO CRACK 3X4	. 3X4 OR 2X6	8	4X6	4	4X4	4X6	6X6	6X9	8X8		9
	SOFT, SANDY, OR FILLED. 3X4	13X4 OR 2X8	CLOSE	4XB	4	4X6	9X9	6X8	8X8	0TX8	4	ø
	HYDROSTATIC PRESSURE	9XE	CLOSE	8X10	4	4XB	9X9	BXB	8X8	OTX8	4	9
15' TO 20'	ALL KINDS OR CONDITIONS.	3XE	CLOSE	4X12	4	4X12	6X8	8X8	8X10	loxid	4	9
OVER 20'	ALL KINDS OR CONDITIONS.	3X6	CLOSE	6X8	4	4X12	8X8	8X10	10X10	10X12	4	ø
	NOTES: 1) TRENCH JAC HARD SHALE, 0 WOOD.	<ol> <li>Trench Jacks May be used in Lieu of, or in combination with, cross braces. Hard shale, or hard slag, where desirable, sheet steel piling and bracing of wood.</li> </ol>	d in lieu of, or in Where desirable,	F, or in cc (rable, she	I COMBINATION SHEET STEEL F	WITH, CROSS BRACES. PILING AND BRACING OF	s braces. Bracing of		shoring is not required equal strength may be	shoring is not required in solid rock, equal strength may be substituted for	, NN SOLID ROCK, Substituted for	. = 04