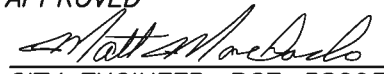


NOTES:

1. DEEP TRENCHES ARE DEFINED AS 12 FEET IN DEPTH OR GREATER.
2. ALL EMBEDMENT MATERIALS SHALL CONFORM TO CLASS I, II, OR III SOIL CLASSIFICATIONS AS DESIGNATED IN ASTM D-2321.
3. SELECTED NATIVE MATERIALS CONFORMING TO CLASS I, II, OR III MAY BE USED IN ALL EMBEDMENT MATERIAL ZONES. NATIVE MATERIAL SHALL BE FREE OF ORGANIC MATERIAL, STONES, OR LUMPS EXCEEDING 3" IN GREATEST DIMENSION.
4. ANY AREA AT THE BOTTOM OF THE TRENCH DETERMINED TO BE UNSUITABLE BY THE ENGINEER SHALL BE REMOVED AND REPLACED WITH 6" OF CLASS I, II, OR III MATERIALS AT 95 % RELATIVE COMPACTION (M.R.C.). IN A CASE WHERE THE TRENCH BOTTOM IS UNSTABLE, THE BOTTOM AREA SHALL BE REMOVED AND REPLACED WITH CLASS I OR CLASS II MATERIALS TO A DEPTH DETERMINED BY THE ENGINEER.
5. JETTING WILL NOT BE ALLOWED IN THE EMBEDMENT ZONES, COMPACTION OF EMBEDMENT MATERIALS SHALL CONSIST OF HAND TAMPING AND/OR MECHANICAL TAMPING.

NO.	REVISED	BY	<p>Typical Deep Trench Backfill</p>	APPROVED	 CITY ENGINEER RCE-58093
					DATE: 3/2002
DRAWN BY: MATT				<p>CITY OF RIPON</p>	STANDARD NO. U-3
CHECKED BY: DJR			<small>V:\125_City of Ripon Standards \ Standard Specifications \ Drawings \ Utilities \ U-3.dwg</small>		