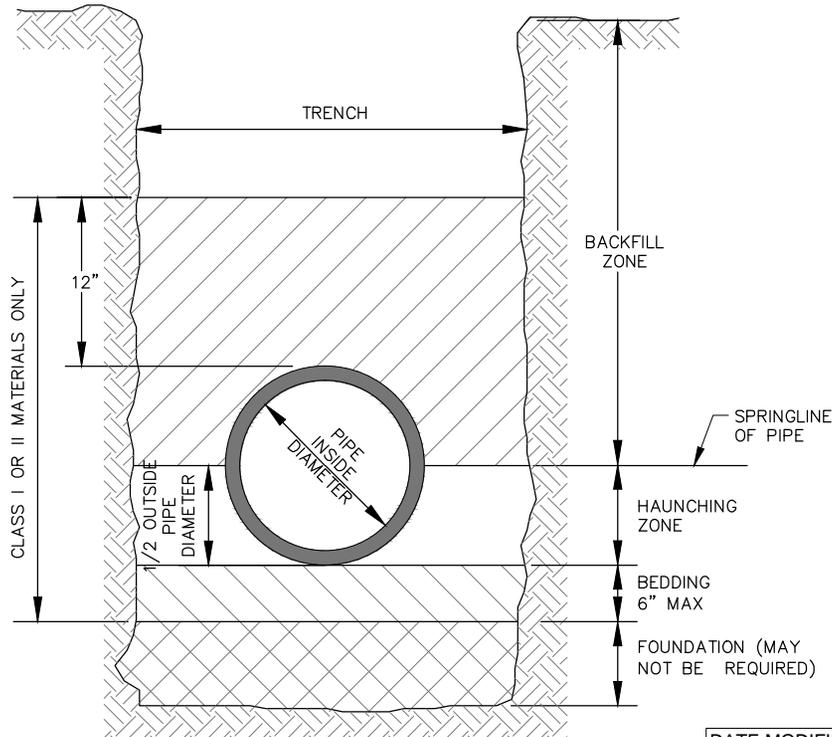


EMBEDMENT SOILS CLASSIFICATIONS		
SOILS CLASS	SOIL TYPE	DESCRIPTION
CLASS I SOILS*		MANUFACTURED ANGULAR, GRANULAR MATERIAL, 1/4 TO 1 1/2 INCHES (6 TO 40 MM) SIZE, INCLUDING MATERIALS HAVING A REGIONAL SIGNIFICANCE SUCH AS CRUSHED STONE OR ROCK, BROKEN CORAL, CRUSHED SLAG, CINDERS, OR CRUSHED SHELLS, COMPLYING TO THE REQUIREMENTS OF CLASS II SOILS.
CLASS II SOILS**	GW	WELL-GRADED GRAVELS AND GRAVEL-SAND MIXTURES, LITTLE OR NO FINES. 50% OR MORE COARSE FRACTION RETAINED ON NO. 4 SIEVE. MORE THAN 95% RETAINED ON NO. 200 SIEVE. CLEAN.
CLASS II SOILS**	GP	POORLY GRADED GRAVELS AND GRAVEL-SAND MIXTURES, LITTLE OR NO FINES. 50% OR MORE COARSE FRACTION RETAINED ON NO. 4 SIEVE. MORE THAN 95% RETAINED ON NO. 200 SIEVE. CLEAN.
CLASS II SOILS**	SW	WELL GRADED SANDS AND GRAVELLY SANDS, LITTLE OR NO FINES. MORE THAN 50% OF COARSE FRACTION PASSES NO. 4 SIEVE. MORE THAN 95% RETAINED ON NO. 200 SIEVE. CLEAN.
CLASS II SOILS**	SP	POORLY GRADED SANDS AND GRAVELLY SANDS, LITTLE OR NO FINES. MORE THAN 50% OF COARSE FRACTION PASSES NO. 4 SIEVE. MORE THAN 95% RETAINED ON NO. 200 SIEVE. CLEAN.

* SOILS ARE AS DEFINED IN ASTM D2487, EXCEPT FOR CLASS I SOILS WHICH ARE DEFINED IN ASTM D2321.
 ** IN ACCORDANCE WITH ASTM D2487, LESS THAN 5% PASSES NO. 200 SIEVE.
 FROM TABLE 701.3.A. NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2006 EDITION

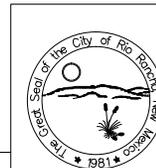


GENERAL CONSTRUCTION NOTES:

1. BEDDING MATERIALS SHALL BE CLASSED AS DEFINED IN AMERICAN SOCIETY FOR TESTING AND MATERIALS STANDARD D2321. REFER TO TABLE 701.3.A OF THE CITY OF RIO RANCHO STANDARD SPECIFICATIONS, AS AMENDED FOR SOIL CLASSIFICATION DESCRIPTIONS.
2. COMPACTION TESTING SHALL BE TAKEN AT SPRINGLINE OF PIPE.
3. COMPACTION TESTING SHALL BE TAKEN AT INITIAL BACKFILL ZONE.
4. FOR PAVED AREAS, COMPACTION SHALL BE 95% STANDARD MODIFIED PROCTOR PER AMERICAN SOCIETY FOR TESTING AND MATERIALS STANDARD D1557.
5. FOR UNPAVED AREAS, COMPACTION SHALL BE 90% STANDARD MODIFIED PROCTOR PER AMERICAN SOCIETY FOR TESTING AND MATERIALS STANDARD D1557.

DATE MODIFIED:

APRIL 2016



City of Rio Rancho
 Department of Public Works

PIPE BEDDING

DWG. NO. S-04

APRIL 22, 2016