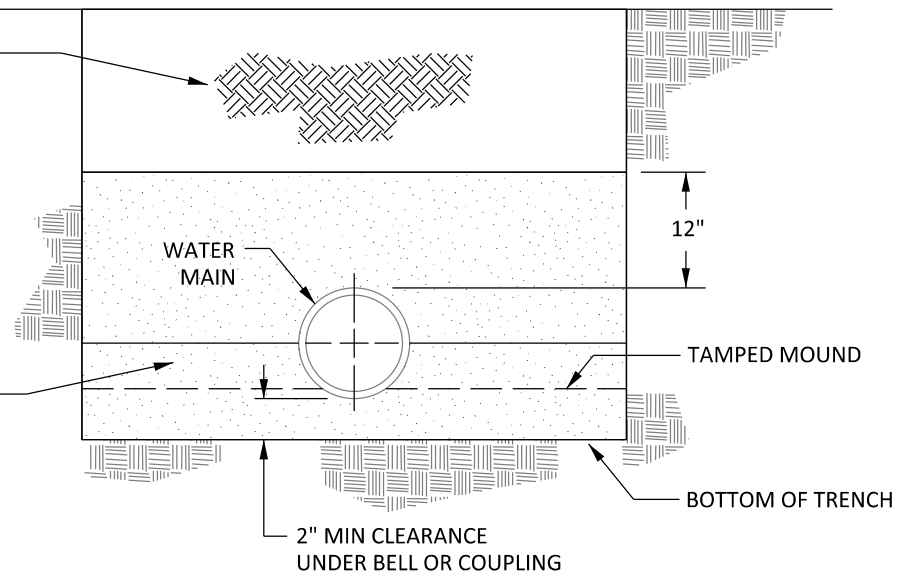
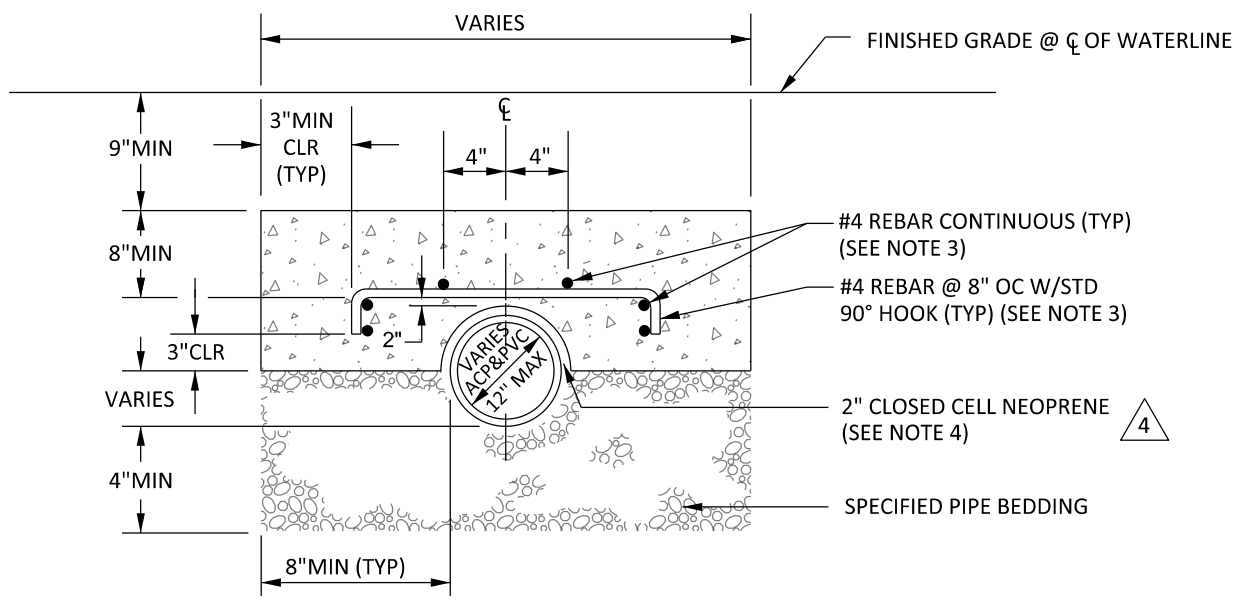


PLAN VIEW
TYPICAL PIPE INSTALLATION

SELECT BACKFILL MATERIAL
COMPACTED OR CONSOLIDATED
IN ACCORDANCE WITH STD DWG
B-286B AND SPECS



TYPICAL TRENCH SECTION



CONCRETE CAP DETAIL


NOTES:

PIPE ZONE BACKFILL

- 2 THE BACKFILL MATERIAL IN THE PIPE ZONE MAY CONSIST OF MATERIAL FROM THE EXCAVATION WHERE THAT MATERIAL IS A UNIFORMLY GRADED SUITABLE SOIL FREE FROM STONES OR LUMPS EXCEEDING 3/4" IN GREATEST DIMENSION, VEGETABLE MATTER OR OTHER UNSATISFACTORY MATERIAL, AS APPROVED BY THE ENGINEER, AND COMPACTED TO A RELATIVE COMPACTION AS RECOMMENDED BY THE MANUFACTURER OF THE PIPE.
- 3

CONCRETE CAP (FOR SHALLOW WATERLINE WHEN APPROVED BY ENGINEER)

- 2. CAP SHALL BE OF CLASS "A" CONCRETE.
- 3. REBAR SHALL HAVE A YIELD STRENGTH OF 60 KSI.
- 4. CLOSED CELL NEOPRENE PER ASTM D-1056, D-1667a & D-412;
 - COMPRESSION RESISTANCE = 5-13 PSI
 - 50% COMPRESSION SET = 25%
 - DENSITY = 15-30 LBS/FT³
 - WATER ABSORPTION = 0.1 MAX LBS/FT²
 - TENSILE = 150 MIN. PSI
 - ELONGATION = 350 MIN. %

REVISIONS				APPROVALS			EASTERN MUNICIPAL WATER DISTRICT STANDARD DRAWING		
NO.	DATE	INITIAL	DESCRIPTION	APP'D	DATE	INITIAL	DATE	WATER PIPE INSTALLATION ACP, PVC AND DIP	
4	11/22/17	GS	UPDATED TITLE BLOCK, LOGO, FONT, ADDED CLOSED CELL NEOPRENE, REVISED NOTE 4	AGA	11/22/17				
3	11/30/07	RE	REVISED NOTE 1			VJB	5/8/96		
2	5/20/02	JLG	REVISED NOTE 1			GM	5/10/96		
1	11/21/95	KER	REDRAWN W/CAD ON MYLAR			JEW	6/11/96		
						ML	5/9/96		
REFERENCES: SUPERCEDES A-537				SCALE: NONE			RECOMMENDED		APPROVED <u>G. Hooite Rugge</u> 6/11/96 CHIEF ENGINEER DATE
FILE I.D.: \kauai\eng\std dwgs\B-408.dgn				DRAWN BY: KER			<u>Charlie J. Bachmann</u> 6/11/96 DIRECTOR OF ENGINEERING DATE		

B-408

