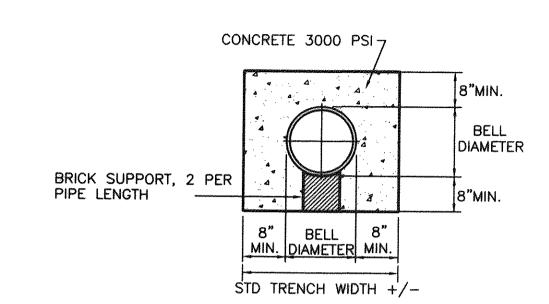


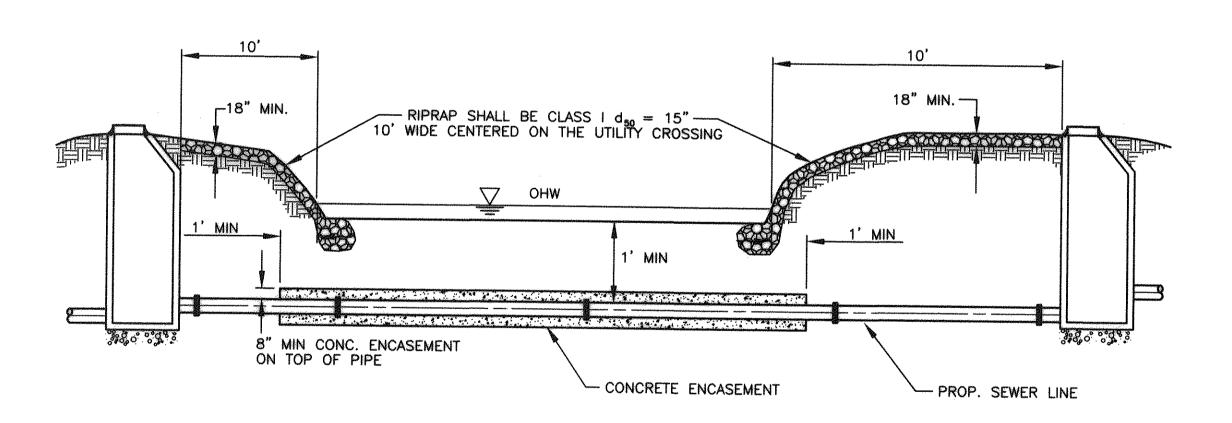
ALL PIPELINE CONNECTIONS TO PRECAST MANHOLES SHALL BE MADE WITH A FLEXIBLE BOOT. THE BOOT SHALL MEET ASTM SPECIFICATION C-923. BOOT SHALL BE MADE FROM NEOPRENE RUBBER AND HAVE A 3/8" MINIMUM WALL THICKNESS THROUGHOUT. THE INTERNAL EXPANSION BAND TO SECURE THE BOOT IN PLACE SHALL CONFORM TO ALUMINUM MATERIAL SPECIFICATION 6061—T6. THE EXTERNAL BAND TO CLAMP AND SEAL THE BOOT TO THE PIPE SHALL BE STAINLESS STEEL—CORROSION RESISTANT CONFORMING TO ASTM SPECIFICATION A—167. THE PORT TO RECEIVE THE BOOT SHALL BE CORE DRILLED AND SHALL ALLOW FOR LATERAL AND VERTICAL ANGULAR ADJUSTMENT THRU 20 DEGREES IN ALL DIRECTIONS. ALL FIELD INSTALLATION OF PIPE THRU FLEXIBLE CONNECTION SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.

FLEXIBLE CONNECTION DETAIL

REF: 1993 VDOT ROAD AND BRIDGE STANDARDS DETAIL 1411.02

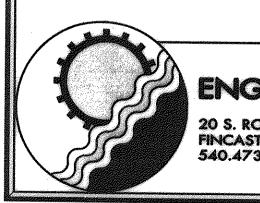


CONCRETE ENCASED PIPE



ENCASED CREEK CROSSING - SEWER

NOT TO SCALE



ENGINEERING CONCEPTS, INC.

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AS-BUILT

Drawn JHG	GREENFIELD COLLECTOR EXTENSION	SCALE:	NONE
Designed SCG	SANITARY SEWER PROJECT	MAY 1	997
Checked WPJ/JST	SANITARY SEWER DETAILS	PROJECT:	97024
Approved	JANIIAKI JEWEK DEIAILS	1 1 of	16