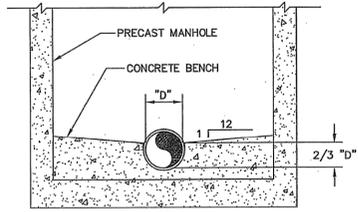


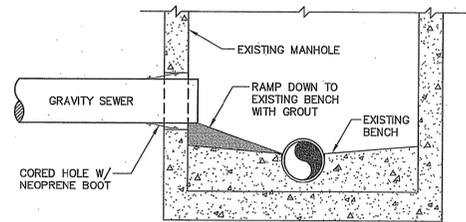
PROJECT TYPICAL DETAILS

PROJECT REFERENCE NO.	SHEET NO.
R-2603	UC-3F
DESIGNED BY: B.DIXON	
DRAWN BY: R.MOSS	
CHECKED BY: B.DIXON	
APPROVED BY:	
REVISED:	
MUNICIPAL ENGINEERING SERVICES COMPANY, PA.	04/13/2015
P.O. BOX 97 GARNER, NC 27529 (919) 772-5393	UTILITY CONSTRUCTION PLANS ONLY

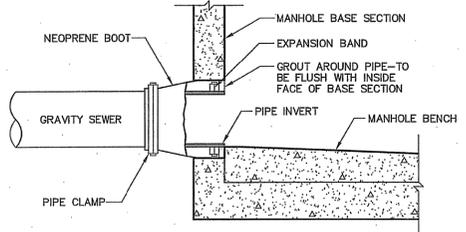
UTILITY CONSTRUCTION



STANDARD MANHOLE CHANNEL & BENCH
NOT TO SCALE
S1.003

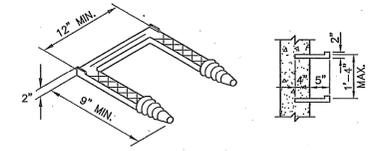


STANDARD SEWER LINE CONNECTION TO EXISTING MANHOLE
NOT TO SCALE
S1.009



- NOTES:**
1. MATERIAL SPECIFICATIONS: NEOPRENE BOOT - ASTM C-923; PIPE CLAMP & EXPANSION CLAMP - STAINLESS STEEL, ASTM C-923.
 2. TWO PIPE CLAMPS REQUIRED FOR PIPE O.D.'S 15" AND LARGER.

STANDARD MANHOLE BOOT
NOT TO SCALE
S1.005



STANDARD MANHOLE STEP
NOT TO SCALE
S1.002