

PROJECT SEWER DETAILS

PREPARED IN THE OFFICE OF:

Wooten

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License Number: F-0115

PROJECT REFERENCE NO. **U-2729** SHEET NO. **UC-3A**

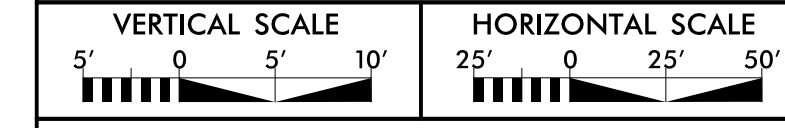
DESIGNED BY: JPM
DRAWN BY: BTH
CHECKED BY: JPM
APPROVED BY: JCG

REVISED:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

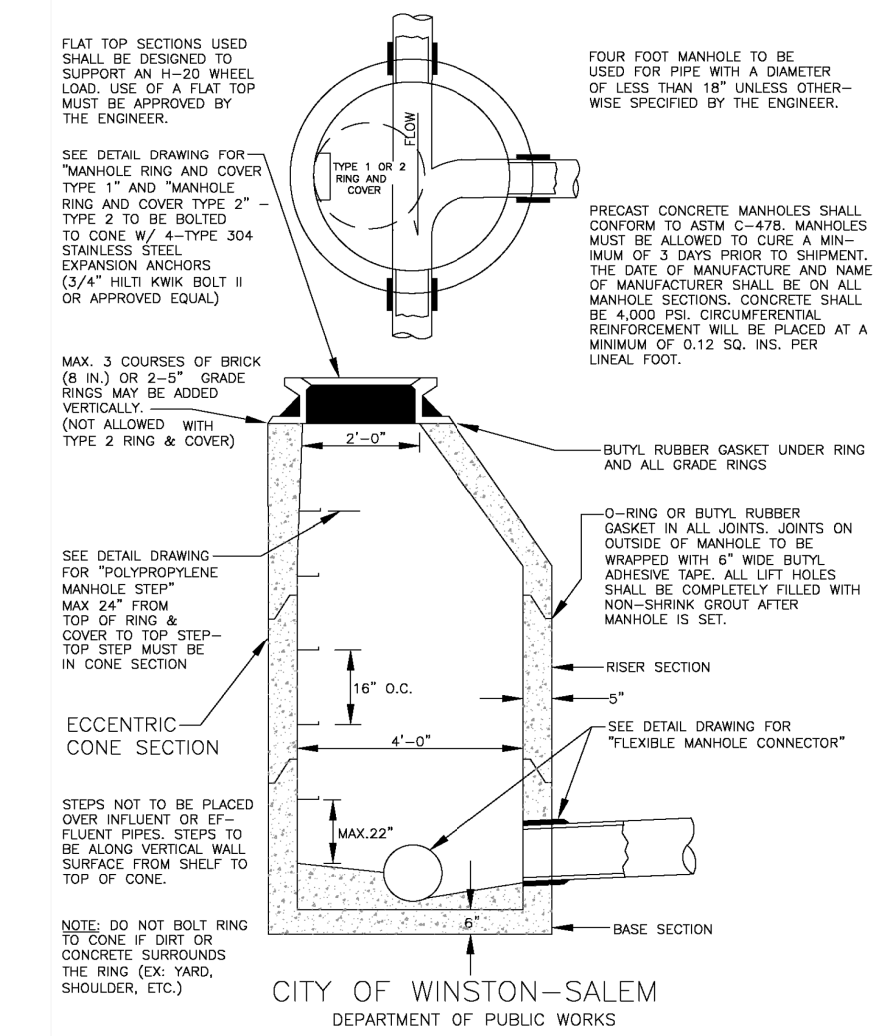
UTILITIES ENGINEERING SEC.
PHONE: (919) 707-6690
FAX: (919) 250-4151

Document Not Considered Final Unless All Signatures Completed
UTILITY CONSTRUCTION PLANS ONLY

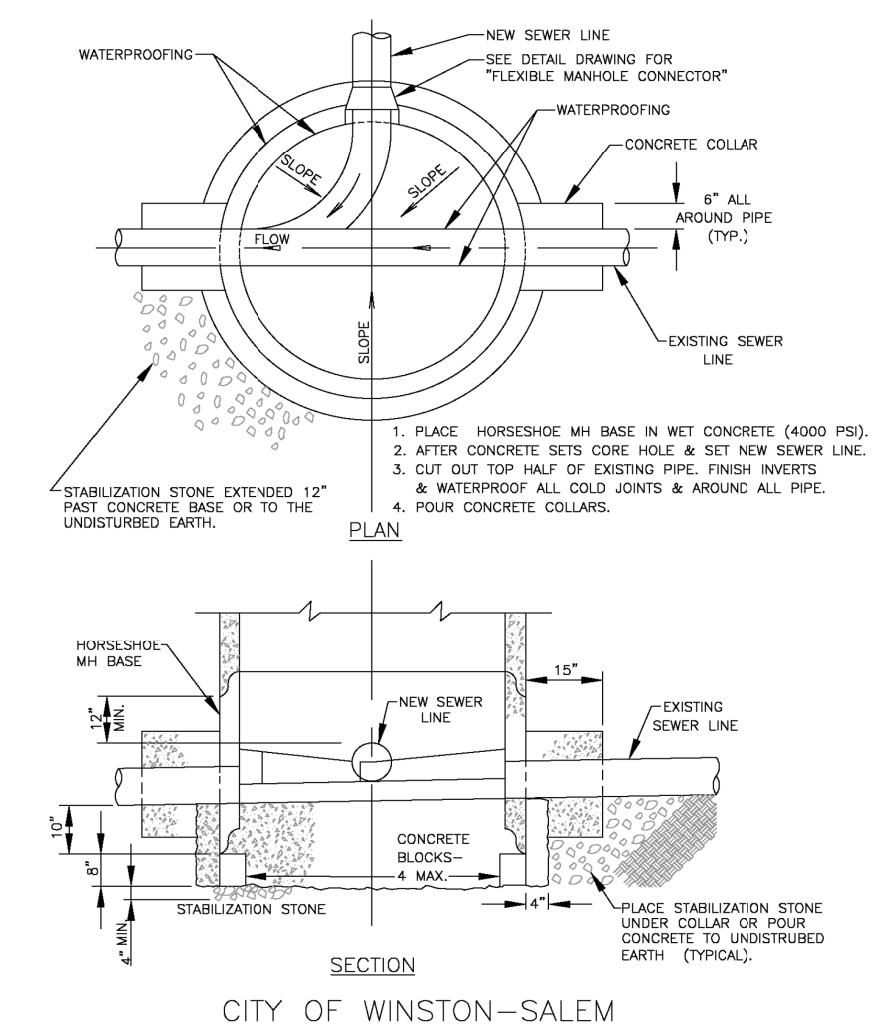


WATER LINE AND SEWER LINE CONSTRUCTION SHOWN ON THIS SHEET

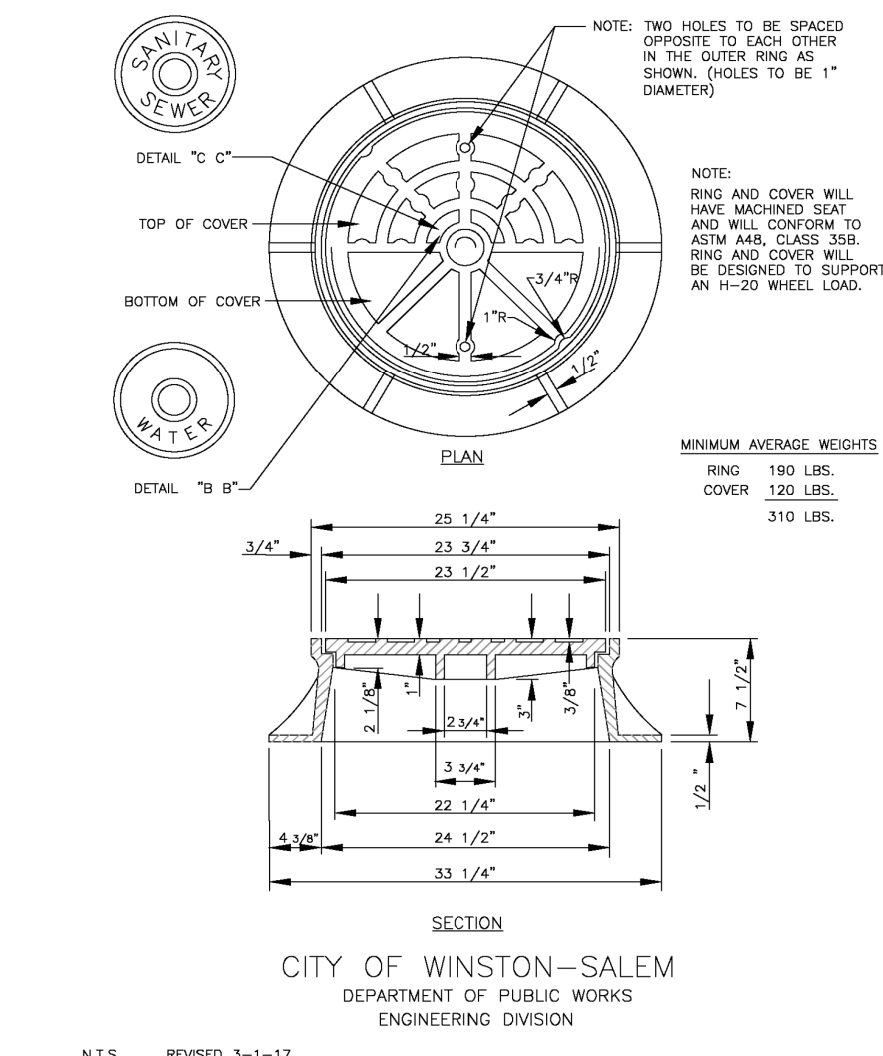
UTILITY CONSTRUCTION



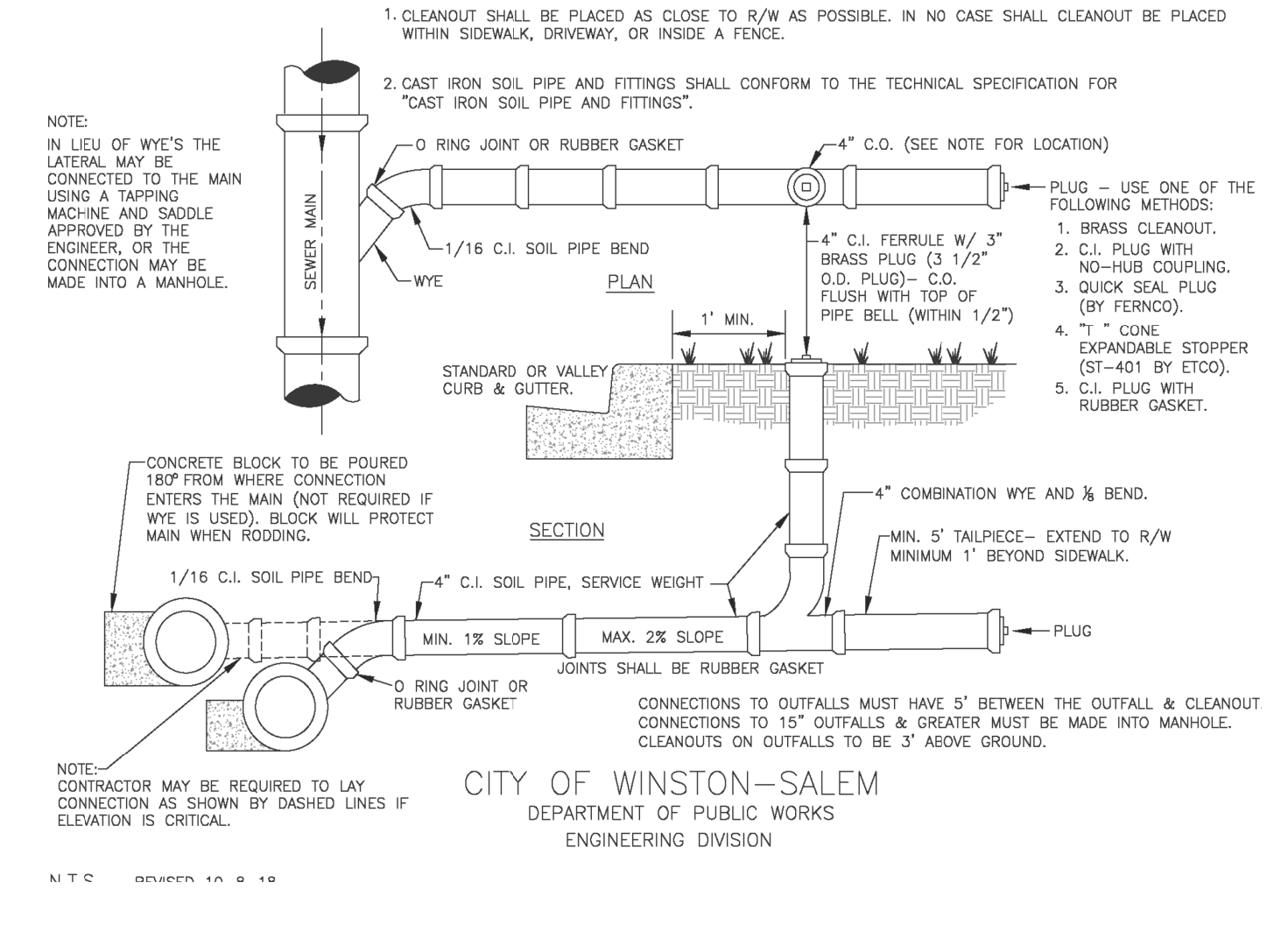
1 STANDARD PRECAST CONCRETE MANHOLE
UC-3A NOT TO SCALE



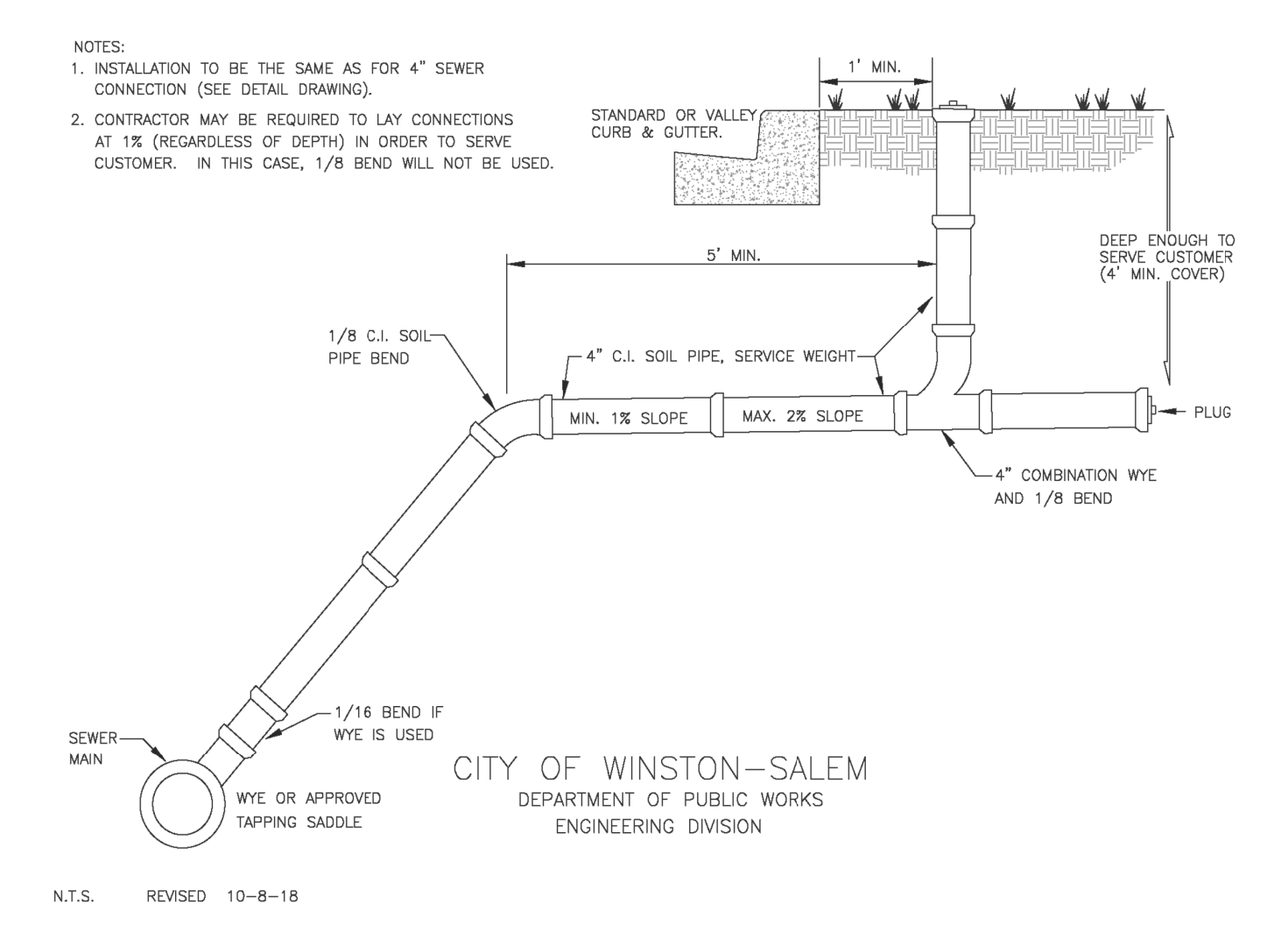
2 MANHOLE BUILT OVER EXISTING LINE
UC-3A NOT TO SCALE



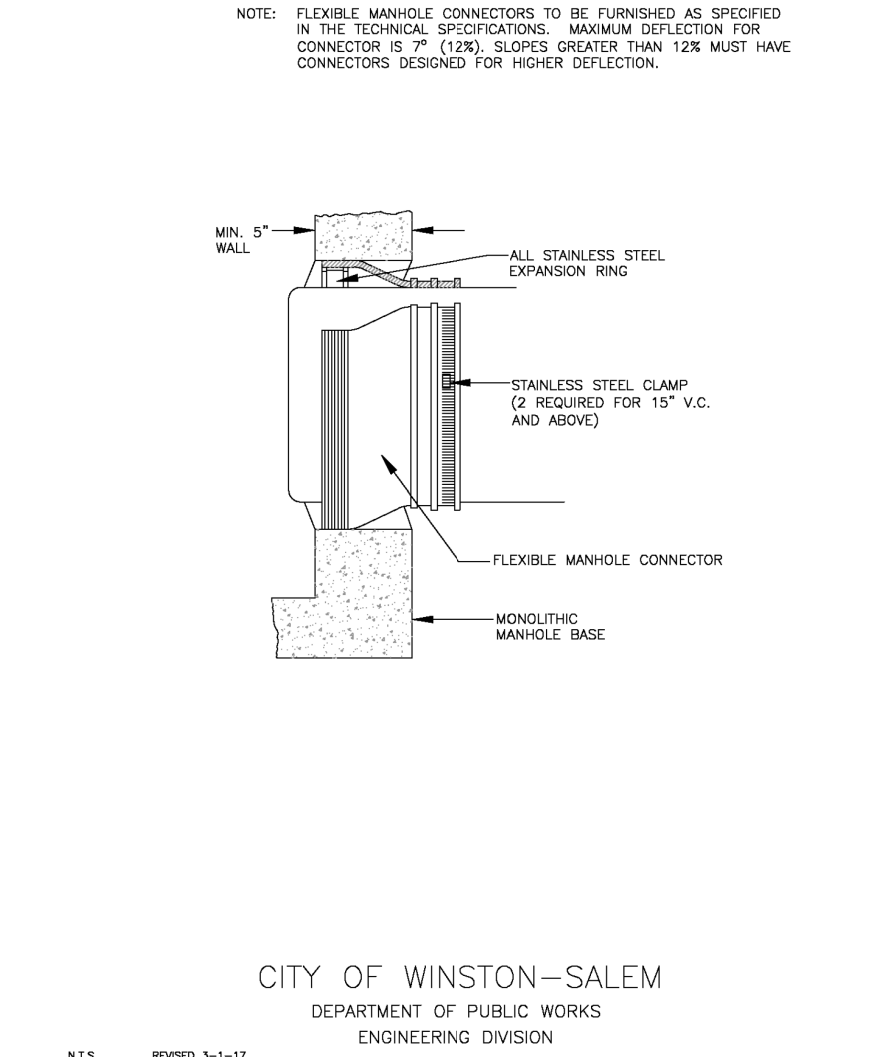
3 MANHOLE RING AND COVER (TYPE 1)
UC-3A NOT TO SCALE



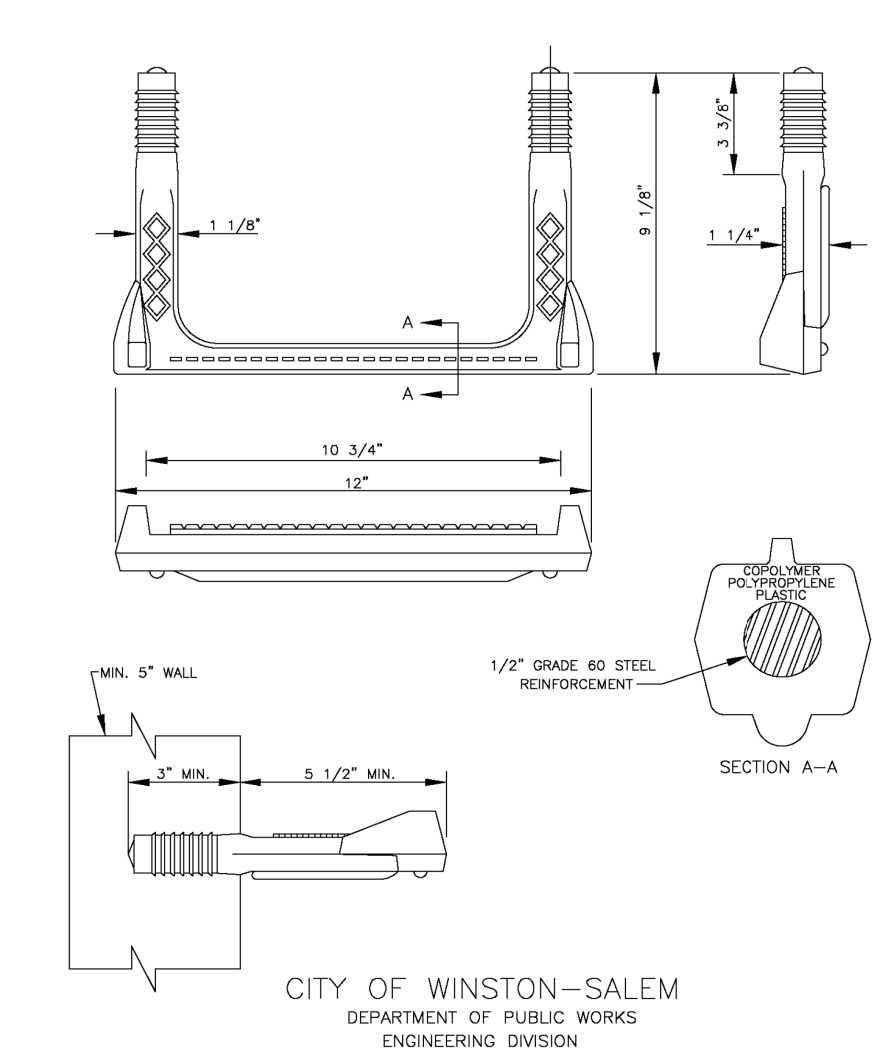
4 4\"/>



5 4\"/>



6 FLEXIBLE MANHOLE CONNECTOR
UC-3A NOT TO SCALE



7 POLYPROPYLENE MANHOLE STEPS
UC-3A NOT TO SCALE

SAFE COVER	PIPE SIZE										HAND PLACED BACKFILL	
	8"	10"	12"	15"	18"	21"	24"	27"	30"	36"		
0"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	STABILIZATION STONE STONE ENCASUREMENT Bc ± 6 OR 4" MIN.
2"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	
4"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	HAND PLACED BACKFILL STABILIZATION STONE STONE ENCASUREMENT Bc ± 6 OR 4" MIN.
6"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	
8"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	HAND PLACED BACKFILL STABILIZATION STONE STONE ENCASUREMENT Bc ± 6 OR 4" MIN.
10"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	
12"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	HAND PLACED BACKFILL STABILIZATION STONE STONE ENCASUREMENT Bc ± 6 OR 4" MIN.
14"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	
16"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	HAND PLACED BACKFILL STABILIZATION STONE STONE ENCASUREMENT Bc ± 6 OR 4" MIN.
18"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	
20"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	HAND PLACED BACKFILL STABILIZATION STONE STONE ENCASUREMENT Bc ± 6 OR 4" MIN.
22"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	CLASS "D"	

NOTE: SEE TECHNICAL SPECIFICATIONS FOR BEDDING REQUIREMENTS FOR UNSTABLE SUBGRADE AND ROCK FORMATIONS.
Bc = Outside Diameter of Pipe

BEDDING REQUIREMENTS & SAFE COVER FOR VC PIPE ON STABLE SUBGRADE
UC-3A NOT TO SCALE

5/14/99