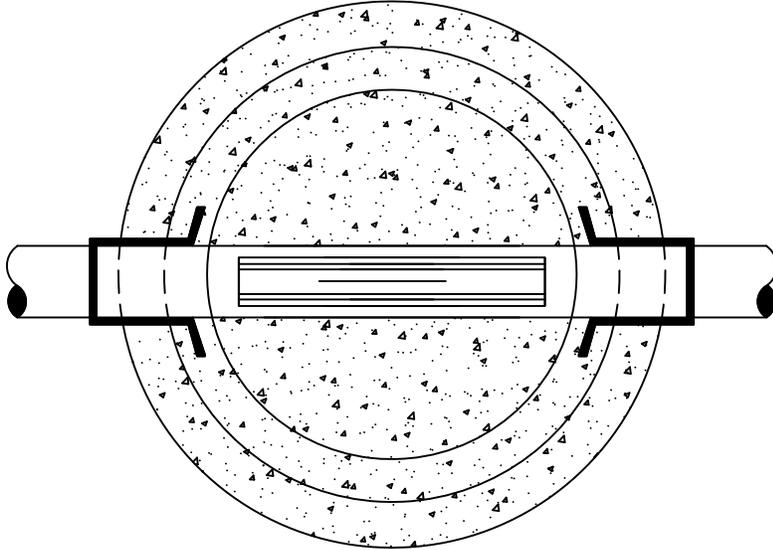


5' MANHOLE TO BE USED FOR PIPE WITH DIAMETER OF 18" OR LARGER UNLESS OTHERWISE SPECIFIED BY THE ENGINEER. THIS APPLIES ONLY WHEN SANITARY SEWER PIPE IS BEING LAID.

NOTES

PRECAST REINFORCED CONCRETE MANHOLES SHALL CONFORM TO ASTM SPECIFICATION C478. EXCEPT WHERE OTHERWISE SHOWN ON DETAILS. MANHOLES MUST BE ALLOWED TO CURE A MINIMUM OF 7 DAYS PRIOR TO SHIPMENT. THE DATE OF MANUFACTURE SHALL BE INDENTED INTO ALL MANHOLE RISERS AND TOP SECTIONS. ADDITIONAL DRAWINGS AND CHARTS FOR ORDERING VARIOUS SECTIONS ON FILE WITH THE CITY OF BURLINGTON, N.C.

MANHOLE SHALL BE VACUUM TESTED WITH BRICK OR GRADE RING ADJUSTMENTS AND FRAME INSTALLED AND SEALED.



4" MINIMUM NECK ON PRECAST MANHOLE

MAX. 3 COURSES OF BRICK (8") OR 2-4" GRADE RINGS TO BE ADDED VERTICALLY.

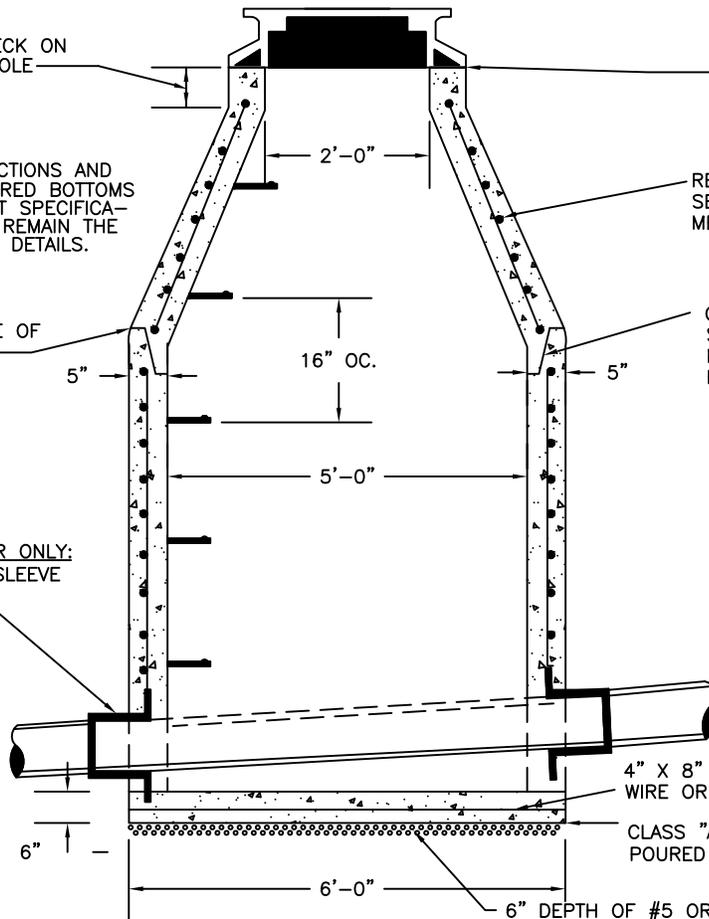
NOTES

ECCENTRIC CONE SECTIONS AND MONOLITHICALLY POURED BOTTOMS ARE ACCEPTABLE BUT SPECIFICATION REQUIREMENTS REMAIN THE SAME AS SHOWN ON DETAILS.

REINFORCEMENT OF RISERS AND CONICAL SECTIONS SHALL BE WELDED STEEL CAGE MEETING THE REQUIREMENTS OF ASTM C478.

CONSEAL TAPE OUTSIDE OF ALL JOINTS

O-RING JOINT RUBBER "ROPE" SEALANT JOINT OR MAS-STICK JOINT. MORTAR MAY BE REQUIRED IN ORDER TO PROVIDE A WATER-TIGHT JOINT.



FOR SANITARY SEWER ONLY: FLEXIBLE MANHOLE SLEEVE

4" X 8" STEEL WIRE MESH 1/4" AND 7 GAUGE WIRE OR EQUAL AS APPROVED BY THE ENGINEER

CLASS "A" CONCRETE OR MONOLITHICALLY POURED BOTTOMS.

6" DEPTH OF #5 OR #57 WASHED STONE



DATE 8/18/04	REVISED 09/24/08	SCALE NOT TO SCALE	DETAIL SS-6
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5' PRECAST REINFORCED CONCRETE MANHOLE  
CITY OF BURLINGTON, NORTH CAROLINA  
ENGINEERING DEPARTMENT