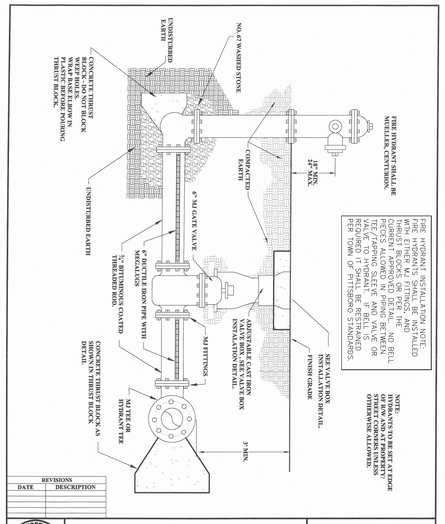
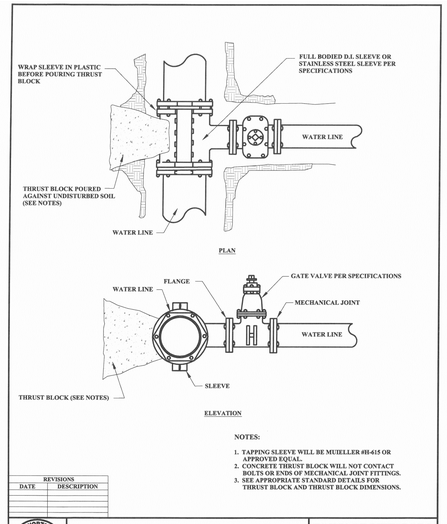


REVISIONS	
DATE	DESCRIPTION

FIRE HYDRANT INSTALLATION ASSEMBLY

NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 6



NOTES:

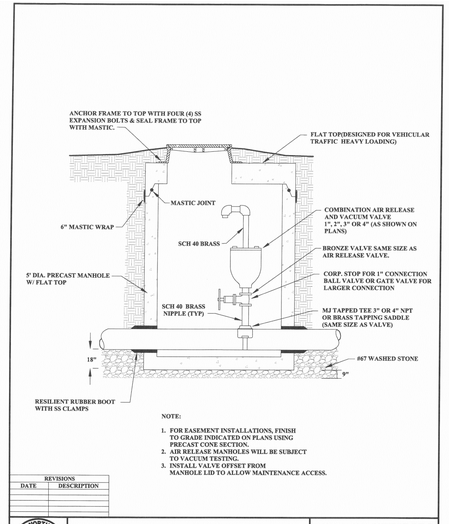
1. TAPPING SLEEVE WILL BE MUELLER #H-615 OR APPROVED EQUAL.
2. CONCRETE THRUST BLOCK WILL NOT CONTACT BOLTS OR ENDS OF MECHANICAL JOINT FITTINGS.
3. SEE APPROPRIATE STANDARD DETAILS FOR THRUST BLOCK AND THRUST BLOCK DIMENSIONS.

REVISIONS	
DATE	DESCRIPTION

TAPPING SLEEVE AND VALVE ASSEMBLY

NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 7



NOTE:

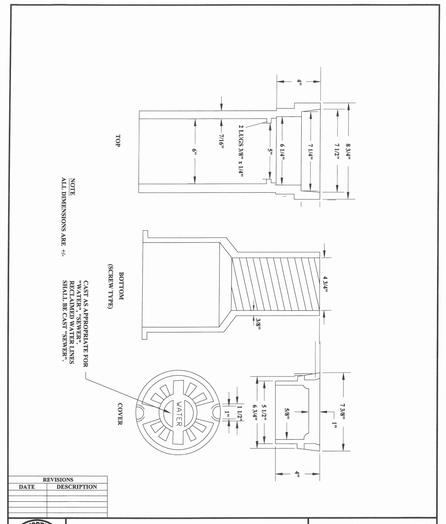
1. FOR EASEMENT INSTALLATIONS, FINISH TO GRADE INDICATED ON PLANS USING PRECAST CONE SECTION.
2. AIR RELEASE MANHOLES WILL BE SUBJECT TO VACUUM TESTING.
3. INSTALL VALVE OFFSET FROM MANHOLE LID TO ALLOW MAINTENANCE ACCESS.

REVISIONS	
DATE	DESCRIPTION

COMBINATION AIR RELEASE AND VACUUM VALVES

NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 8

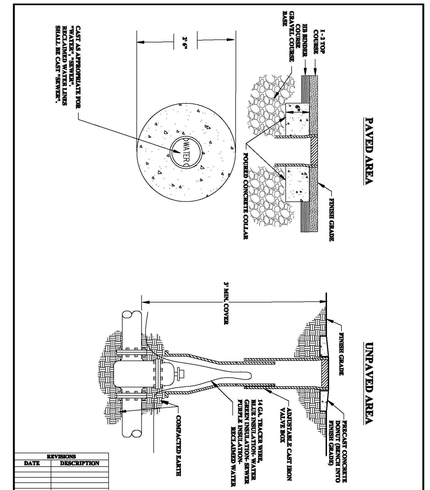


REVISIONS	
DATE	DESCRIPTION

STANDARD VALVE BOX

NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 10

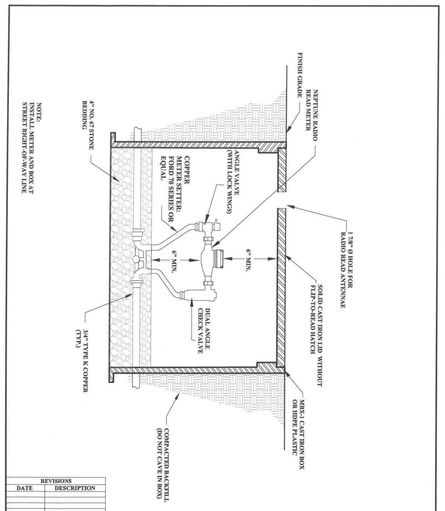


REVISIONS	
DATE	DESCRIPTION

VALVE BOX INSTALLATION

NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 11

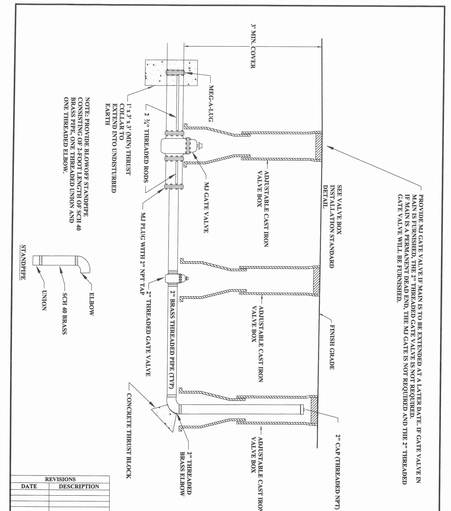


REVISIONS	
DATE	DESCRIPTION

METER AND METER BOX INSTALLATION

NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 12

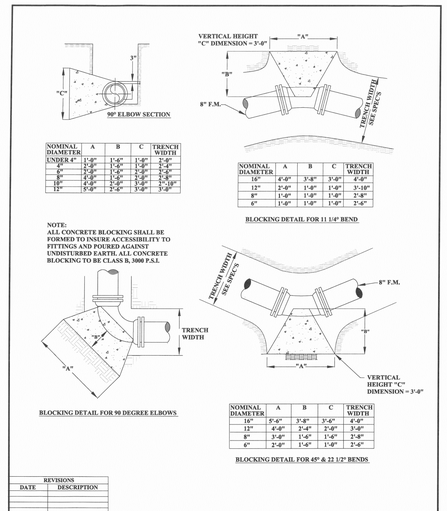


REVISIONS	
DATE	DESCRIPTION

BLOW OFF ASSEMBLY

NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 13



NOMINAL DIAMETER	A	B	C	TRENCH WIDTH
UNDER 4"	1'-0"	1'-0"	1'-0"	2'-0"
4"	2'-0"	1'-0"	1'-0"	3'-4"
6"	2'-0"	1'-0"	1'-0"	3'-4"
8"	2'-0"	1'-0"	1'-0"	3'-4"
10"	2'-0"	1'-0"	1'-0"	3'-10"
12"	2'-0"	1'-0"	1'-0"	3'-10"

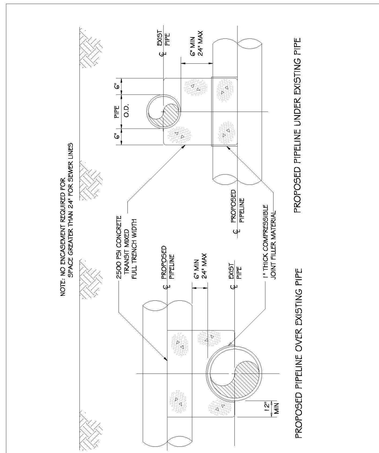
NOMINAL DIAMETER	A	B	C	TRENCH WIDTH
16"	4'-0"	3'-8"	3'-8"	4'-8"
12"	2'-0"	1'-8"	1'-8"	3'-10"
8"	1'-4"	1'-4"	1'-4"	3'-8"
6"	1'-0"	1'-0"	1'-0"	2'-6"

NOMINAL DIAMETER	A	B	C	TRENCH WIDTH
16"	5'-6"	3'-8"	3'-6"	4'-6"
12"	4'-0"	2'-4"	3'-0"	3'-6"
8"	3'-0"	1'-6"	1'-6"	3'-4"
6"	2'-0"	1'-6"	1'-0"	2'-6"

THRUST BLOCKING

NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 17



CONCRETE CRADLE PROTECTION FOR SEWER LINE CROSSINGS

APPROVED FOR CONSTRUCTION

TOWN OF PITTSBORO

WithersRavenel
Engineers | Planners | Surveyors
115 MacKenan Drive | Cary, NC 27511 | t: 919.469.3340 | license #: C-0832 | www.withersravenel.com

CHATHAM PARK
SECTION 5.1

PITTSBORO, CHATHAM COUNTY, NORTH CAROLINA

WATER & SEWER DETAILS

Job No.	02150098.12	Drawn By	JCI
Date	11/07/16	Designer	JCI

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 31982 JOHN C. I'ANSON

PRELIMINARY
NOT APPROVED FOR CONSTRUCTION

Revisions

Sheet No.
10.2

K:\15\15-0098\150098.10 CP Sec 5.6 Collector Rd\CAD\Construction Drawings\10.1 - 10.5 DETAILS.dwg Friday, November 04, 2016 3:50:48 PM HAMILTON, AUSTIN