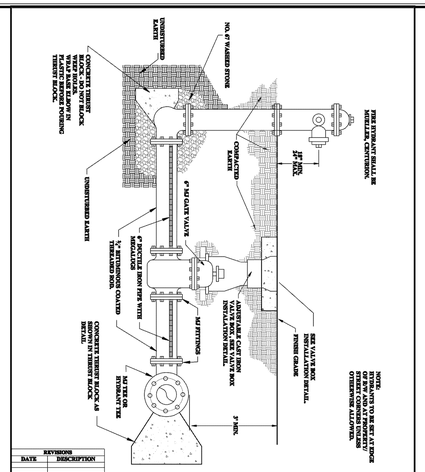
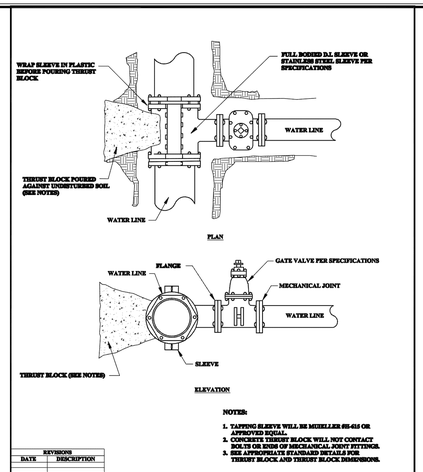


REVISIONS	
DATE	DESCRIPTION

FIRE HYDRANT INSTALLATION ASSEMBLY
NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 6

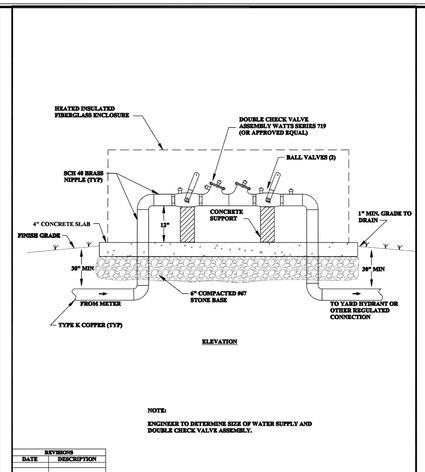


NOTES:
1. TAPPING SLEEVE WILL BE MUELLER #H-615 OR APPROVED EQUAL.
2. CONCRETE THRUST BLOCK WILL NOT CONTACT BOLTS OR ENDS OF MECHANICAL JOINT FITTINGS.
3. SEE APPROPRIATE STANDARD DETAILS FOR THRUST BLOCK AND THRUST BLOCK DIMENSIONS.

REVISIONS	
DATE	DESCRIPTION

TAPPING SLEEVE AND VALVE ASSEMBLY
NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 7

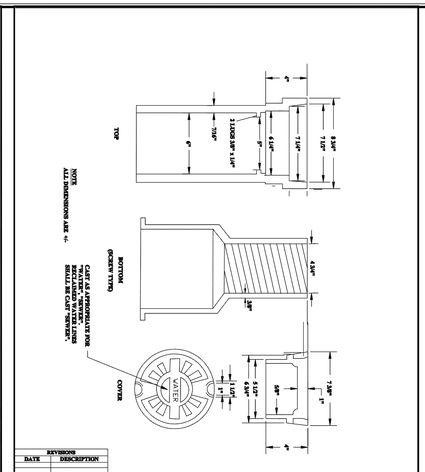


NOTE:
ENGINEER TO DETERMINE SIZE OF WATER SUPPLY AND DOUBLE CHECK VALVE ASSEMBLY.

REVISIONS	
DATE	DESCRIPTION

DOUBLE CHECK VALVE BACKFLOW ASSEMBLY
NOT TO SCALE

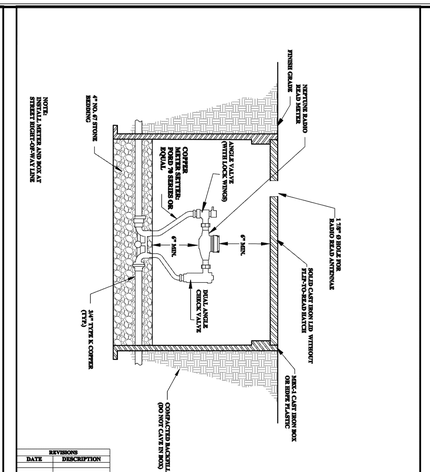
TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 9



REVISIONS	
DATE	DESCRIPTION

STANDARD VALVE BOX
NOT TO SCALE

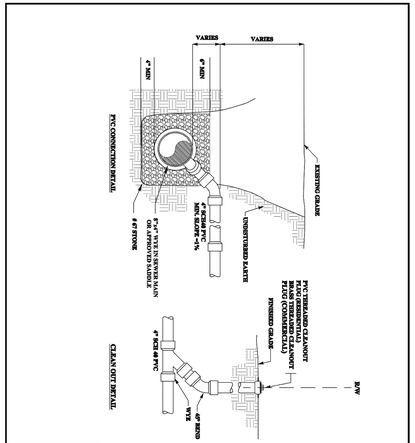
TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 10



REVISIONS	
DATE	DESCRIPTION

METER AND METER BOX INSTALLATION
NOT TO SCALE

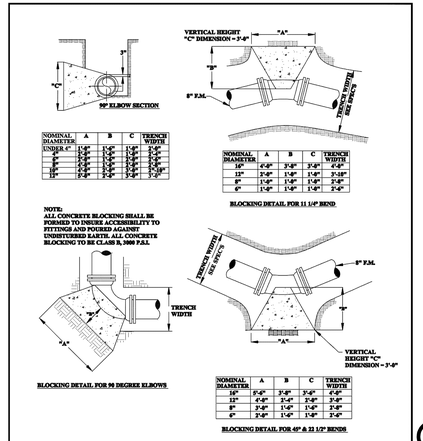
TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 13



REVISIONS	
DATE	DESCRIPTION

SEWER SERVICE CONNECTION AND CLEAN OUT DETAIL
NOT TO SCALE

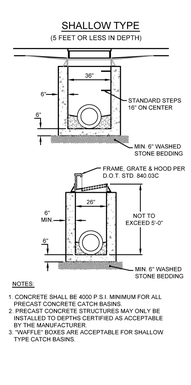
TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 14



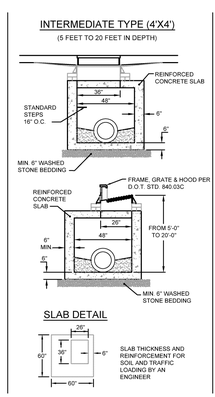
REVISIONS	
DATE	DESCRIPTION

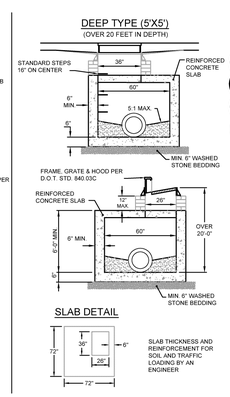
THRUST BLOCKING
NOT TO SCALE

TOWN OF PITTSBORO
STANDARD CONSTRUCTION DETAIL
STANDARD NO. 17

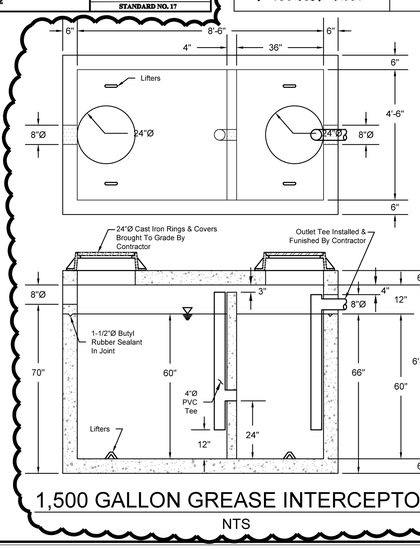


NOTES:
1. CONCRETE SHALL BE 4000 P.S.I. MINIMUM FOR ALL PRECAST CONCRETE CATCH BASINS.
2. PRECAST CONCRETE STRUCTURES MAY ONLY BE INSTALLED TO DEPTHS CERTIFIED AS ACCEPTABLE BY THE MANUFACTURER.
3. "WAFFLE" BOXES ARE ACCEPTABLE FOR SHALLOW TYPE CATCH BASINS.





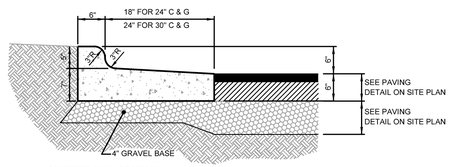
STANDARD PRECAST CONCRETE CATCH-BASIN
NTS



1,500 GALLON GREASE INTERCEPTOR
NTS

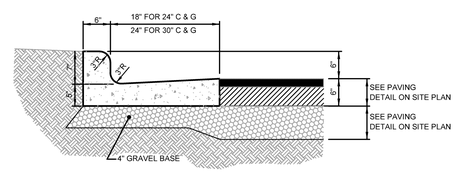
STOP!
BEFORE YOU DIG CALL
THE NC ONE CALL CENTER
1-800-632-4949
IT'S THE LAW!

FINAL DESIGN
NOT RELEASED
FOR CONSTRUCTION



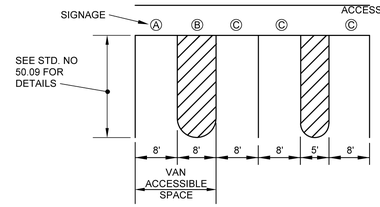
1) CONCRETE SHALL BE 3000 PSI.
2) CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS . MAINTAIN 50' MAXIMUM BETWEEN EXPANSION JOINTS AND BETWEEN RIGID OBJECTS.

24" & 30" SPILL CURB DETAIL @ ASPHALT PAVING
NTS



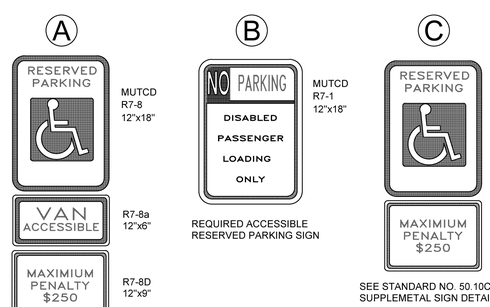
1) CONCRETE SHALL BE 3000 PSI.
2) CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS . MAINTAIN 50' MAXIMUM BETWEEN EXPANSION JOINTS AND BETWEEN RIGID OBJECTS.

(STANDARD) 24" & 30" CURB & GUTTER DETAIL @ ASPHALT PAVING
NTS



ONE OUT OF EVERY EIGHT (8)ACCESSIBLE SPACES, BUT NOT LESS THAN ONE, IS REQUIRED TO BE VAN ACCESSIBLE.

PARKING SPACE PAVEMENT MARKINGS



REQUIRED ACCESSIBLE RESERVED PARKING SIGN

SEE STANDARD NO. 50.10B & 50.10C FOR SUPPLEMENTAL SIGN DETAIL

SEE STANDARD NO. 50.10C FOR SUPPLEMETAL SIGN DETAIL

ACCESSIBLE PARKING REQUIREMENTS

TOTAL PARKING SPACES PROVIDED	MINIMUM NUMBER OF ACCESSIBLE SPACES SPACES REQUIRED	MINIMUM NUMBER OF ACCESSIBLE SPACES REQUIRED TO BE VAN ACCESSIBLE
1 TO 25	1	1
26 TO 50	2	1
51 TO 75	3	1
76 TO 100	4	1
101 TO 150	5	1
151 TO 200	6	1
201 TO 300	7	1
301 TO 400	8	1
401 TO 500	9	2
501 TO 1000	2% OF TOTAL	1 IN EVERY 8 ACCESSIBLE SPACES
1001 AND OVER	20 PLUS 1 FOR EACH 100 OVER 1000	1 IN EVERY 8 ACCESSIBLE SPACES
SECTION 4.1.2 (5) OF THE AMERICANS WITH DISABILITIES ACT (ADA). SEE 4.1.2,(5) (d) FOR MEDICAL CARE FACILITIES		

NOTES:
1. ALL 12"x18" ACCESSIBLE SIGNS (R7-8 & R7-1) SHALL BE MOUNTED AT 7 FEET FROM GRADE TO BOTTOM EDGE OF SIGN FACE (MUTCD). MOUNTING HEIGHT CAN BE REDUCED TO 5 FEET IF PLACED IN AN AREA BETWEEN SIDEWALK AND BUILDING FACE IN WHICH PEDESTRIANS ARE NOT EXPECTED TO USE.
2. REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD) U.S. DEPARTMENT OF TRANSPORTATION AND NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SUPPLEMENT.
3. IF ACCESSIBLE ROUTE IS A RAISED SIDEWALK AREA, THEN RAMPS ARE REQUIRED AT LOADING ZONE AREA.

ACCESSIBLE PARKING AND SIGNAGE DETAIL
NTS

NO	REVISIONS	DATE
2	REVISED PER TOWN COMMENTS	7/22/16
1	REVISED PER TOWN COMMENTS	5/23/16

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RALEIGH, NC 27603
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FAX: 919-322-0032
www.cegroupinc.com
License # C-1739

7/22/16
SEAL 18894 ENGINEER

SITE DEVELOPMENT PLANS FOR LOT 9 US 64 EAST BUSINESS PARK SITE / UTILITY DETAILS CHATHAM COUNTY, NC

Date:	APRIL, 2016
Scale:	-
Drawn:	CPM
Checked:	MPA
Project No.	127-198
Computer Dwg. Name	127-198_Sht-09-10 Site Details

Sheet No: 10
Of __-