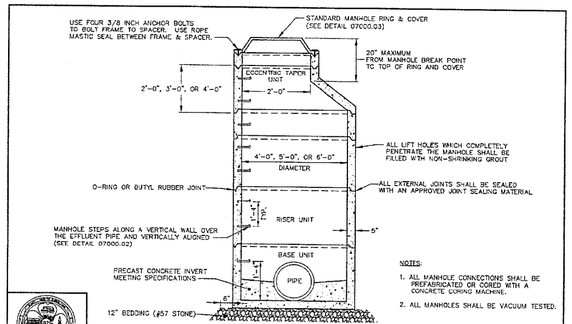


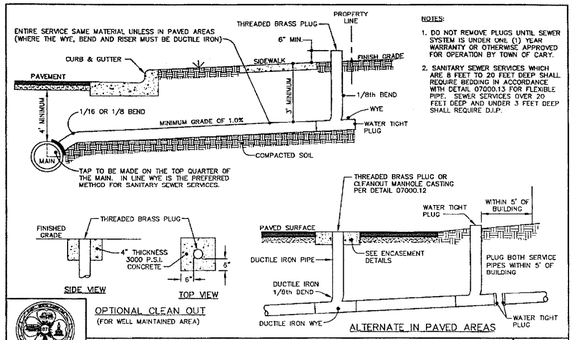
NOTES:

1. ALL MANHOLE CONNECTIONS SHALL BE PREFABRICATED OR CORED WITH A CONCRETE CORING MACHINE.
2. ALL MANHOLES SHALL BE VACUUM TESTED.

EFFECTIVE: 07/01/04

STANDARD PRECAST CONCRETE MANHOLE

DETAIL No. 07000.01 SHEET 1 OF 1



NOTES:

1. DO NOT REMOVE PLUGS UNTIL SEWER SYSTEM IS UNDER ONE (1) YEAR WARRANTY OR OTHERWISE APPROVED FOR OPERATION BY TOWN OF CARY.
2. SANITARY SEWER SERVICES WHICH ARE 8 FEET TO 20 FEET DEEP SHALL REQUIRE BEDDING IN ACCORDANCE WITH DETAIL 07200.13 FOR FLEXIBLE PIPE. SEWER SERVICES OVER 20 FEET DEEP AND UNDER 3 FEET DEEP SHALL REQUIRE D.I.P.

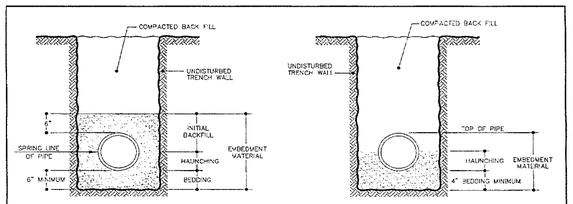
OPTIONAL CLEAN OUT (FOR WELL MAINTAINED AREA)

ALTERNATE IN PAVED AREAS

EFFECTIVE: 09/08/05

STANDARD SANITARY SEWER TAP AND SERVICE

DETAIL No. 07000.10 SHEET 1 OF 2



SPECIAL BEDDING FOR 14'-20' DEPTHS

STANDARD BEDDING FOR 3' TO 14' DEPTHS

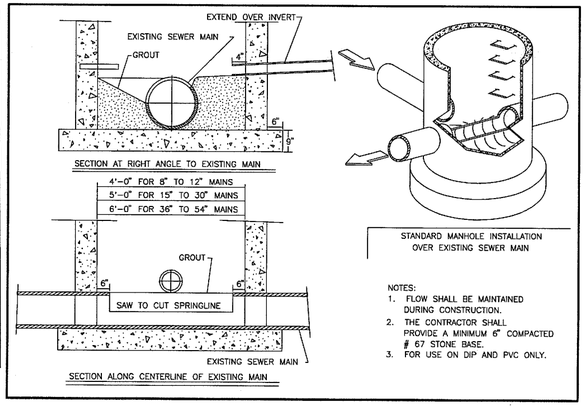
NOTES:

1. EMBEDMENT MATERIAL MUST BE CLASS I (NO. 67 OR NO. 78) WASHED STONE IS TYPICALLY USED).
2. EMBEDMENT MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR DENSITY FOR CLASS I MATERIAL.
3. STANDARD BEDDING SHALL BE UTILIZED FOR ALL CASES WHERE TRENCH BOTTOMS ARE UNSTABLE DUE TO SOIL TYPE, OR MOISTURE CONDITIONS.
4. ALL SANITARY SEWER LINES LESS THAN 3 FEET AND OVER 20 FEET IN DEPTH MUST BE D.I.P.

EFFECTIVE: 07/01/04

BEDDING FOR FLEXIBLE & SEMI- RIGID SANITARY SEWER PIPE

DETAIL No. 07000.13 SHEET 1 OF 1



NOTES:

1. FLOW SHALL BE MAINTAINED DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM 6" COMPACTED # 67 STONE BASE.
3. FOR USE ON DIP AND PVC ONLY.

06-SP-031-A

APPROVED
TOWN OF CARY
Approved by DKC Date 7/9/07
Planning KAH Date 7/20/07
Engineering TS Date 7-25-07

NORTH CAROLINA PROFESSIONAL SEAL 26495 ENGINEER DAVID WORKMAN

7/18/07

6 Town of Cary First Review Comments 06/21/07 RF

No.	Revision	Date	By
1	Town of Cary First Review Comments	06/01/06	JM
2	Town of Cary Second Review Comments	07/14/06	JM
3	Town of Cary Third Review Comments	08/25/06	JM
4	Town of Cary Final Mylar Set	09/15/06	JM
5	OWNER REVISIONS	05/24/07	BKB

Designer W&R	Scale AS SHOWN
Drawn By BKB	Date 03/10/06
Checked By DW	Job No. 2054371

CAMDEN PARK
CARY WAKE COUNTY NORTH CAROLINA

SANITARY SEWER SYSTEM DETAILS

WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS
111 MacKenan Drive Cary, North Carolina 27511 tel: 919-469-3340 fax: 919-467-6008 www.withersravenel.com

Sheet No. 20 of 22

K:\CIVIL\05-2054371-Gateway Homes Mill\4 Treatments\CAD\Details\Sanitary Sewer.dgn 18, 2007 3:54:11PM WITHERS & RAVENEL, INC