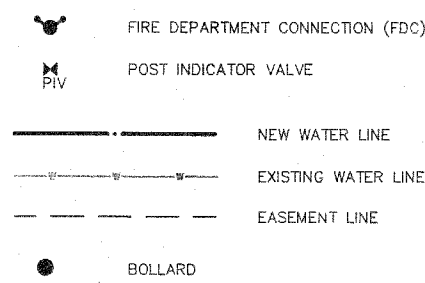


GENERAL UTILITY NOTES:

1. ALL WATER AND SEWER MAINS WITHIN PUBLIC EASEMENTS AND RIGHT-OF-WAYS TO BE OWNED, OPERATED, AND MAINTAINED BY THE TOWN OF CARY.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF CARY STANDARDS.
3. CONTRACTOR SHALL CALL "NORTH CAROLINA ONE CALL" (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
4. ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. ACTUAL LOCATION AND DEPTH TO BE CONFIRMED IN FIELD PRIOR CONSTRUCTION BY CONTRACTOR.
5. BEFORE STARTING ANY CONSTRUCTION OR IMPROVEMENTS WITHIN ANY CITY OR NCDOT STREET OR HIGHWAY RIGHT-OF-WAY, THE FOLLOWING PROCEDURES SHALL BE UNDERTAKEN:
6. TOWN RIGHT-OF-WAY: CONTACT ENGINEERING DEPT. FOR INFORMATION AND INSTRUCTIONS FOR DETOURS, OPEN CUTTING OF STREETS, OR FOR ANY CONSTRUCTION WITHIN RIGHT-OF-WAY.
7. NCDOT RIGHT-OF-WAY: CONTACT PROJECT ENGINEERS AND OBTAIN ALL PERMITS AND ENCROACHMENTS (KEEP COPIES ON-SITE).
8. CONTRACTOR SHALL CLEAR AND GRUB ENTIRE RIGHT-OF-WAY WITHIN 100' OF ALL INTERSECTIONS.
9. PROJECT IS LOCATED IN SWIFT CREEK WATERSHED.
10. PROJECT MEETS ALL REQUIREMENTS RELATIVE TO BEST MANAGEMENT PRACTICES AND ENGINEERED STORMWATER CONTROL STRUCTURES AS OUTLINED IN THE TOWN OF CARY UNIFIED DEVELOPMENT ORDINANCE (UDO 4.4.6).
11. CONTRACTOR IS ADVISED THAT LIVE OVERHEAD POWER LINES MAY EXIST ON PROJECT SITE.
12. CONTRACTOR SHALL REPLACE ALL DRIVEWAYS, DRIVEWAY CULVERTS, AND VELOCITY DISSIPATION MEASURES WHICH ARE DAMAGED/REMOVED TO EXISTING CONDITIONS OR BETTER.
13. A PRESSURE REDUCING VALVE SHALL BE INSTALLED IF PRESSURE IS IN EXCESS OF 80 PSI.
14. BACKFLOW PREVENTORS ARE TO BE INSTALLED AS WARRANTED AND PER TOWN OF CARY STANDARDS.

UTILITY LEGEND



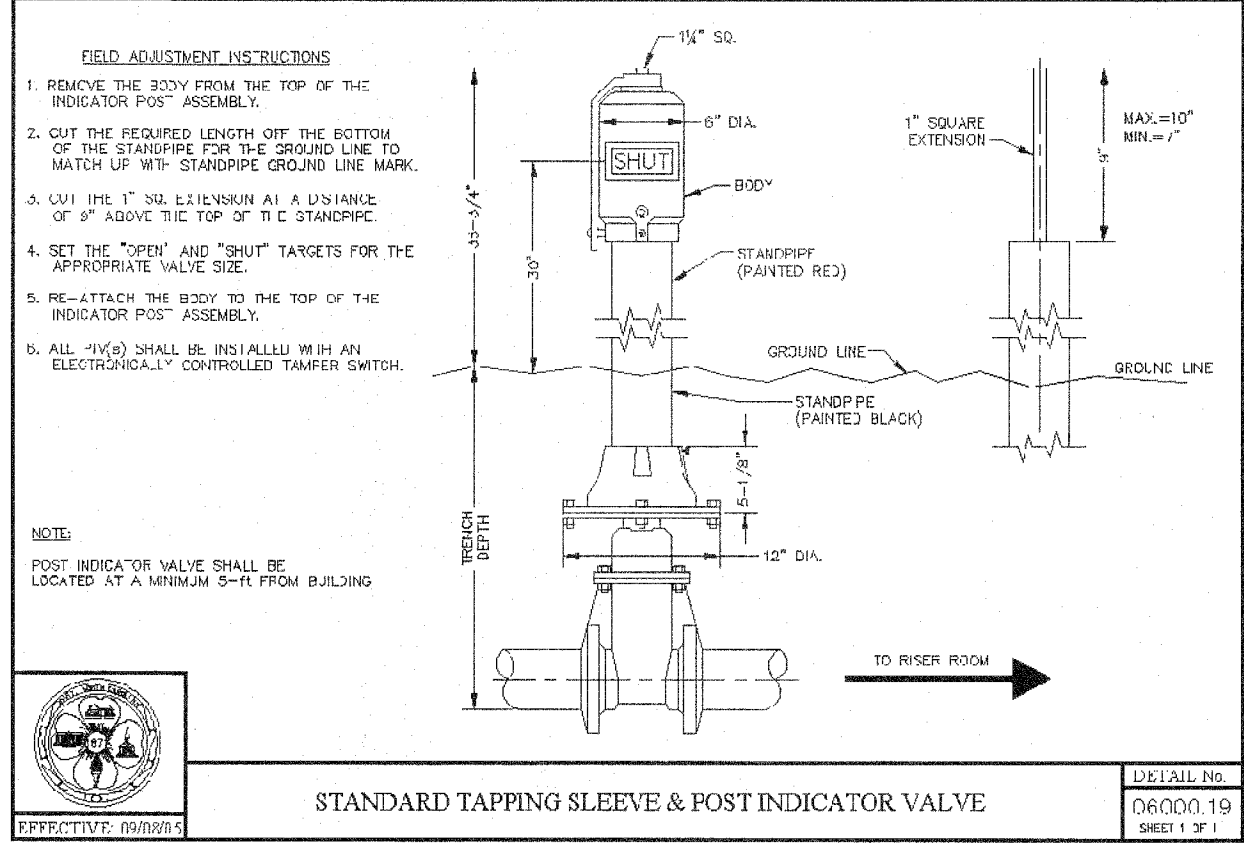
MINIMUM CONCRETE BLOCKING (C.Y.) *					
NOV. PIPE DIA. IN.	TEES & DEAD ENDS	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
4	1/3	1/3	1/3	1/3	1/3
6	1/3	1/3	1/3	1/3	1/3
8	1/3	1/2	1/3	1/3	1/3
10	2/3	3/4	1/2	1/3	1/3
12	3/4	1.0	2/3	1/3	1/3
14	1.0	1-1/2	3/4	1/2	1/3
16	1-1/3	2.0	1.0	1/2	1/3
18	1-2/3	2-1/3	1-1/3	2/3	1/3
20	2.0	3.0	1-2/3	3/4	1/2
24	3.0	4-1/3	2-1/3	1-1/3	2/3

* CONCRETE SHALL BE 3000 P.S.I. MIX

NOTE:
FITTING SHALL BE WRAPPED WITH A MINIMUM 4 MIL PLASTIC.
NO CONCRETE SHALL COVER BOLTS OR SANDS.

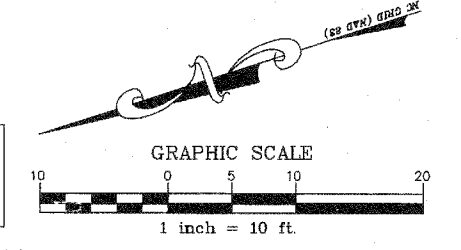
STANDARD REACTION BLOCKING

DETAIL No. 06C00.13
SHEET 1 OF 1



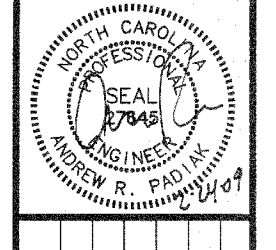
APPROVED
TOWN OF CARY
PROJECT NO. 08-SP-088
Approved by: [Signature] Date: 02-10-09
Planning: [Signature] Date: 02-11-09
Engineering: [Signature] Date: 2-26-2009

ALL CONSTRUCTION MUST BE PERFORMED IN ACCORDANCE WITH CURRENT TOWN OF CARY AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS.



FINAL DRAWING - RELEASED FOR CONSTRUCTION

THE JOHN R. MCADAMS COMPANY, INC.
ENGINEERS • PLANNERS • SURVEYORS • ENVIRONMENTAL
RESEARCH TRIANGLE PARK • CHARLOTTE • WILMINGTON
800-733-6646 • www.johnr-mcadams.com



REVISIONS:

OWNER:
COMMUNITY FACILITIES, INC.
809 WEST CHATHAM STREET
CARY, NORTH CAROLINA 27511

CHATHAM CREEK ASSISTED LIVING FACILITY
CARY, NORTH CAROLINA
UTILITY PLAN

PROJECT NO. TGA-09000
FILENAME: TGA-09000U1
DESIGNED BY: ARP
DRAWN BY: MDS
SCALE: 1"=10'
DATE: 02-24-2009
SHEET NO. C-2

