

TYPICAL CUL-DE-SAC WATER MAIN INSTALLATION

CHATHAM COUNTY WATER SYSTEM DETAIL

CALL NORTH CAROLINA ONE-CALL CENTER, INC. BEFORE DIGGING: 1-800-632-4949
 A FEDERAL LAW NOW IN EFFECT STATES THAT ANY PERSON WHO ENGAGES IN EXCAVATION ACTIVITIES WITHOUT FIRST USING AN AVAILABLE ONE-CALL NOTIFICATION SYSTEM TO DETERMINE LOCATIONS OF UNDERGROUND FACILITIES; OR WITHOUT HEEDING LOCATION INFORMATION OF MARKINGS AND SUBSEQUENTLY DAMAGES A PIPELINE FACILITY SHALL BE SUBJECT TO A FINE, IMPRISONMENT, OR BOTH. THE LAW ALSO STATES THAT OSHA MAY BE NOTIFIED OF ANY ACCIDENT CAUSED BY AN EXCAVATOR.

UTILITY NOTES

WATER:
 WATER MAIN TO BE INSTALLED AT A DEPTH WITH A MINIMUM COVER OF 36", WITH 18" VERTICAL CLEARANCE MINIMUM FROM OTHER UNDERGROUND UTILITIES AND 10 FEET HORIZONTAL CLEARANCE FROM ALL OTHER UTILITIES.

PRESSURE REDUCING VALVES SHALL BE PROVIDED IF PRESSURE IS IN EXCESS OF 80 PSI.

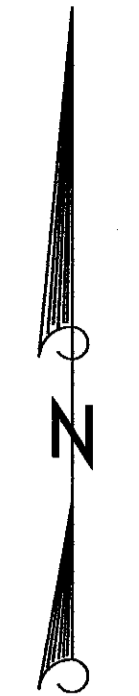
GENERAL:
 ALL WATER AND SEWER MAINS WITHIN PUBLIC EASEMENTS AND RIGHTS-OF-WAY TO BE OWNED, OPERATED, AND MAINTAINED BY THE PUBLIC AUTHORITY.

ALL CONSTRUCTION TO BE OF THE LOCAL AUTHORITY STANDARDS.

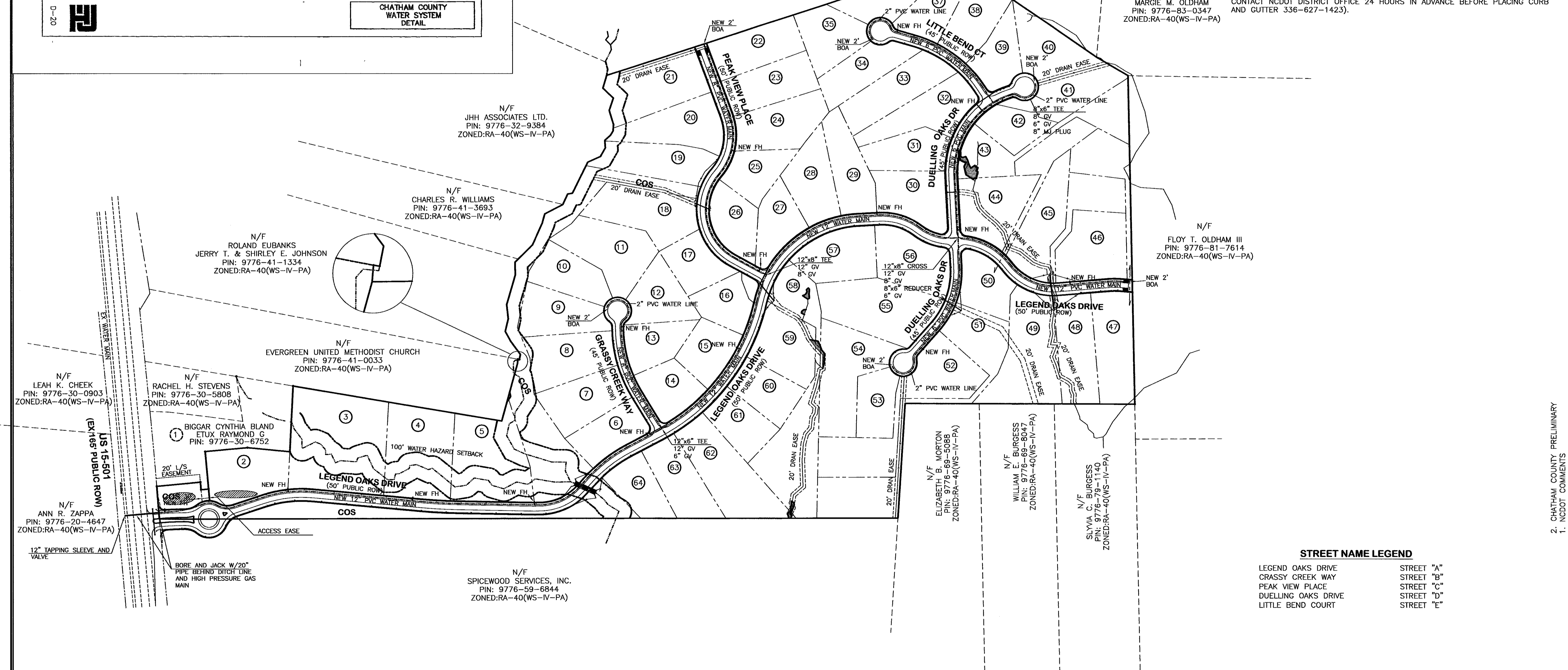
ALL UNDERGROUND UTILITIES ARE APPROXIMATELY LOCATED. ACTUAL LOCATION AND DEPTH TO BE CONFIRMED IN FIELD PRIOR TO CONSTRUCTION.

STORM SEWER (RCP) SHALL BE CONSTRUCTED TO THE FOLLOWING CLASSES:
 COVER LESS THAN 10 FEET - CLASS C OR D BEDDING, CLASS III WALLS
 COVER 10 FEET TO 15 FEET - CLASS B BEDDING, CLASS III WALLS
 COVER GREATER THAN 15 FEET - CLASS B BEDDING, CLASS IV WALLS

BEFORE STARTING ANY CONSTRUCTION OF IMPROVEMENTS WITHIN ANY CITY OR NCDOT STREET OR HIGHWAY RIGHT-OF-WAY, THE FOLLOWING PROCEDURES SHOULD BE UNDERTAKEN: CITY RIGHT-OF-WAY - CONTACT LOCAL AUTHORITIES TRAFFIC ENGINEERING DEPT. FOR INFORMATION ON DETOURS, OPEN CUTTING OF STREETS OR FOR ANY CONSTRUCTION WITHIN RIGHT-OF-WAY. NCDOT RIGHT-OF-WAY - CONTACT PROJECT ENGINEERS AND OBTAIN ALL PERMITS AND ENCROACHMENTS (CROSS-CHECK PLANS WITH SPECIAL PROVISIONS; KEEP COPIES ON CONSTRUCTION SITE; ALSO CONTACT NCDOT DISTRICT OFFICE 24 HOURS IN ADVANCE BEFORE PLACING CURB AND GUTTER 336-627-1423).



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ARCADIA
 CONSULTING ENGINEERS, PLLC
 302 JEFFERSON STREET
 SUITE 200
 RALEIGH, NC 27605
 TEL 919 832-7717
 FAX 919 832-7782

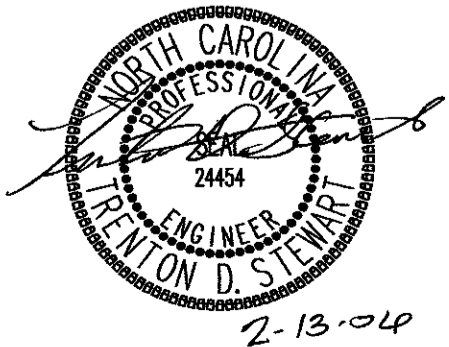
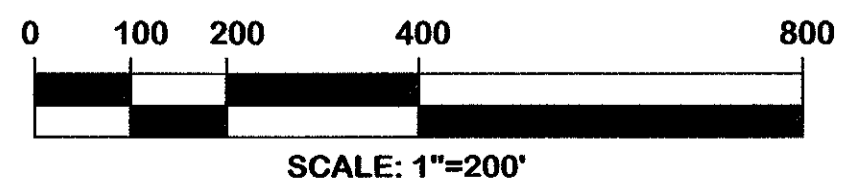
CONSTRUCTION PLANS
LEGEND OAKS SUBDIVISION
 OWNER/DEVELOPER: HBP PROPERTIES LLC
 WILLIAMS TOWNSHIP CHATHAM COUNTY NORTH CAROLINA

DRAWN BY	CHECKED BY
ACE	TDS
DATE	10-31-05

REVISIONS	
1	12-21-05
2	2-13-06

SHEET TITLE
 SITE PLAN

SHEET NUMBER
C2.1
 2 OF 12



2. CHATHAM COUNTY PRELIMINARY
 1. NCDOT COMMENTS