



WATER & SEWER

1. ALL LOTS WILL BE CONNECTED TO THE CITY OF RALEIGH WATER AND SANITARY SEWER SYSTEMS.
2. ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH STANDARDS AND SPECIFICATIONS, LATEST EDITION.
3. ALL SANITARY SEWER LATERALS SHALL BE 4" DIAMETER AND INSTALLED AT A MINIMUM OF 2% SLOPE.
4. CONTRACTOR SHALL VERIFY LOCATIONS, ELEVATIONS, AND SIZES OF EXISTING PUBLIC UTILITIES PRIOR TO ANY EXCAVATIONS, GRADING, OR INSTALLATION OF UNDERGROUND UTILITIES ON OR ADJACENT TO THE PROJECT.
5. EASEMENTS FOR ALL PROPOSED STORM DRAINAGE UTILITIES SHALL BE DEDICATED TO THE TOWN OF WAKE FOREST ON THE FINAL PLAT. ALL EASEMENTS WITH PIPES AND/OR STRUCTURES SHALL BE CLEARED AND GRUBBED, SEEDED, AND STABILIZED.
6. ALL SEWERS WITH ANY SECTION HAVING DEPTHS BETWEEN 12'-20' SHALL HAVE A 5-FOOT DIAMETER MANHOLE EXTENDED BASE. ANY SECTION WITH A DEPTH GREATER THAN 20' SHALL HAVE A 6' DIAMETER MANHOLE. ANY SECTION OF PIPE HAVING DEPTH GREATER THAN 12' SHALL BE DUCTILE IRON PIPE.
7. ALL SANITARY SEWER SERVICES MUST BE INSPECTED PRIOR TO BACKFILLING.
8. ALL SANITARY SEWER SERVICES SHALL HAVE A CAST IRON CLEANOUT OR METAL PLUG FOR EASE IN LOCATING.
9. WATER LINES MAY REQUIRE INSPECTION PRIOR TO BACKFILLING. ALL WATER LINES SHALL BE DIP PER CITY OF RALEIGH STANDARDS.
10. ALL WATER LINES SHALL BE TESTED AS REQUIRED BY THE CITY OF RALEIGH STANDARDS AND SPECIFICATION.
11. FIRE HYDRANTS TO BE INSTALLED WITHIN ROW. OUTLET THREADS FOR HYDRANTS MUST BE NATIONAL STANDARD THREAD.
12. FLOWABLE FILL BACKFILL MAY BE REQUIRED AT UTILITY CROSSINGS WHERE A PROPOSED UTILITY CROSSES UNDER AN EXISTING UTILITY.
13. A MINIMUM CLEARANCE OF 18" IS REQUIRED WHEN WATER OR SEWER LINE CROSS STORM DRAIN LINES. CROSSING OF WATER AND SEWER REQUIRE AN 18" MINIMUM CLEARANCE.
14. SEWER MAINS SHALL BE LAID AT LEAST 10 FEET LATERALLY FROM EXISTING OR PROPOSED WATER MAINS, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10-FOOT LATERAL SEPARATION - IN WHICH CASE:
 - A. THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER WITH THE WATER MAIN LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH, AND WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, OR
 - B. THE WATER MAIN IS LAID IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER; OR
 - C. IF IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL AND VERTICAL SEPARATION AS DESCRIBED ABOVE OR ABOVE THE SEWER MAIN IS OVER THE WATER MAIN, BOTH THE WATER AND THE SEWER MAIN MUST BE CONSTRUCTED OF FERROUS PIPE COMPLYING WITH PUBLIC WATER SUPPLY DESIGN STANDARDS AND BE PRESSURE TESTED TO 150 PSI TO ASSURE WATER-TIGHTNESS BEFORE BACKFILLING.
15. LOTS MAY NOT BE SERVED BY A PUMPED SEWER SERVICE WITHOUT PERMISSION FROM THE CITY OF RALEIGH PUBLICS UTILITIES DEPARTMENT.

ADJACENT PROPERTY OWNER TABULATION
(INCLUDING PROPERTIES IN ADJACENT OLDE MILL STREAM SUBDIVISION ON THE WEST SIDE OF THE PROJECT. OTHER ADJACENT PROPERTIES INFORMATION IS NOTED ON THE PLAN.)

LOT #	PIN #	LAND USE	ZONING	N/F PROPERTY OWNER
46	1841780339	SINGLE FAMILY	R-10	DIERKES, JODY L
45	11841780582	SINGLE FAMILY	R-10	GIBSON, BRUCE GORDON
44	1841689577	VACANT	R-10	GIBSON, BRUCE GORDON
43	1841688661	SINGLE FAMILY	R-10	DEOBALD, WILLIAM B. AND SUZZANE M.
42	1841687655	SINGLE FAMILY	R-10	HAMP, DIRK PAIGE HOLLAND
41	1841686659	SINGLE FAMILY	R-10	KILLIAN, SUSANNE AND THOMAS M.
40	1841685773	SINGLE FAMILY	CJ R-10	SCHLIF, KEVIN D. AND SMANATHA H.
39	1841684768	VACANT	R-10	NETHERWOOD MOORE LLC
16	1841685909	SINGLE FAMILY	R-10	WEST, NATHAN T. AND TERESA W.
17	1841686633	SINGLE FAMILY	R-10	SCHAEFER, CHRISTOPHER M. AND ELAINEM.
18	1841696191	SINGLE FAMILY	CJ R-10	PICINIC, DANIEL A. AND FRANCES.
19	1841697119	SINGLE FAMILY	CJ R-10	TATOR, DONALD J. AND ELIZABETH C.
20	1841697226	SINGLE FAMILY	R-10	BOND, EDWARD G JR
21	1841697825	SINGLE FAMILY	CJ R-10	MADDOX, SCOTT H. AND BRENDA P.
22	1841697449	SINGLE FAMILY	CJ R-10	NAGY, ELIZABETH A.
23	1841697558	SINGLE FAMILY	R-10	THOMAS, AARON AND TONYA
37	1841697666	SINGLE FAMILY	R-10	MITCHELL, JAMAL K. AND PUBUDUNI SUDARIKA
38	1841697764	SINGLE FAMILY	R-10	CHAVEZ, JUAN N. AND ANNETTE T.
39	1841697861	SINGLE FAMILY	R-10	MCGOWAN, JOHN AND JUDY
40	1841697858	SINGLE FAMILY	R-10	BEARD, ORAL FRANKLIN
41	1841697955	SINGLE FAMILY	R-10	EFSTATHAKIS, GEORGE N. AND DORIS H.
42	1842607052	SINGLE FAMILY	R-10	FRYOR, ADAM AND CHELSEA
43	1842607154	SINGLE FAMILY	R-10	CHANG, SUSAN AND JAMES CHO
44	1842607274	VACANT	R-10	MILL CREEK ASSOCIATES INC.
56	1842607376	VACANT	R-10	POWELL & CO INC
57	1842608366	SINGLE FAMILY	R-10	MILLIGAN, STEVEN G AND MARIANNE M.
56	1842609358	SINGLE FAMILY	R-10	ZINNO, WILLIAM C AND JANICE L.
55	1842700431	SINGLE FAMILY	R-10	WOLFORD, STEVEN ALLEN AND LEANNE HIGH
54	1842700541	SINGLE FAMILY	R-10	DEMOLL, JOSHUA AND JILLIAN T.



Steven M. Rice
PROFESSIONAL ENGINEER

THE MEADOWS MASTER PLAN

IN
Wake Forest
North Carolina
Wake County

PROPOSED UTILITY PLAN

3-5-2007

REVISIONS:

NO.	DATE	DESC.
1	12-20-06	TOWN REVIEW COMMENTS
2	3-5-07	2ND REVIEW COMMENTS

ISSUED FOR PERMITTING
NOT FOR CONSTRUCTION

PREPARED FOR:
1ST AMERICAN BUILDERS
2514 Reliance Avenue
Apex, North Carolina 27539
919-303-8525

BSC RICE
978 Trinity Road
Raleigh, North Carolina
27607
919-854-0811

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GRAPHIC SCALE
0 50 100 200
(IN FEET)
1 inch = 100 ft.

FILE:
DWG. NO: C.2.0 SHEET 6 OF 8
JOB. NO: 06020.00