

EXISTING UTILITIES NOTE:

CONTRACTOR IS ADVISED THAT EXISTING UTILITIES WITHIN PRIVATE UTILITY EASEMENTS ARE NOT FIELD VERIFIED. CONTRACTOR SHALL USE EXTREME CAUTION DURING CONSTRUCTION WITHIN PRIVATE UTILITY EASEMENTS, AND IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.

LEGEND	
	WATER VALVE
	WATER METER
	FIRE HYDRANT
	CURB INLET
	YARD INLET
	SILT FENCE OUTLET
	STORM DRAIN
	WATER LINE
	SANITARY SEWER LINE
	PROPERTY LINE
	50' CHATHAM COUNTY STREAM BUFFER
	10' NO-BUILD STREAM BUFFER SETBACK
	SANITARY FORCE MAIN
	SILT FENCE
	TREE PROTECTION
	LIMITS OF DISTURBANCE
	FIELD SURVEY BOUNDARY
	SOIL DELINEATION LINE
	EXTENTS OF INDEFINITE TOPOGRAPHY
	WOODED AREA
	DIVERSION DITCH
	EXISTING WETLANDS
	SANITARY SEWER MANHOLE
	LOT NUMBER
	TEMPORARY BENCH MARK
	STREAM BUFFER
	WETLANDS

- GENERAL NOTES:**
- EXISTING INFRASTRUCTURE AS SHOWN IS CURRENTLY UNDER CONSTRUCTION AND SHALL BE FIELD VERIFIED BY CONTRACTOR. REFER TO THE FOLLOWING JOHN R. MCADAMS COMPANY, INC. CONSTRUCTION PLANS, AND ALL SUBSEQUENT CONSTRUCTION BULLETINS FOR INFORMATION ON EXISTING INFRASTRUCTURE.
 - BRIAR CHAPEL - RECLAMATION FACILITY EROSION CONTROL PLAN SEALED JULY 29, 2005.
 - BRIAR CHAPEL - PHASE 1 CONSTRUCTION PLANS SEALED OCTOBER 21, 2005.
 - BRIAR CHAPEL - WEST EXTENSION GRADING PLAN (INTERIM) SEALED MARCH 1, 2007.
 - BRIAR CHAPEL - PHASE 3 CONSTRUCTION PLANS SEALED DECEMBER 4, 2006.
 - BRIAR CHAPEL - PHASE 4 CONSTRUCTION PLANS SEALED JANUARY 15, 2007.
 - BRIAR CHAPEL - WATER QUALITY POND 4 CONSTRUCTION PLANS SEALED AUGUST 16, 2006.
 - BRIAR CHAPEL - PUMP STATION CONSTRUCTION PLANS DATED APRIL 3, 2006.
 - BRIAR CHAPEL - PHASE 4-POD D CONSTRUCTION PLANS SEALED SEPTEMBER 17, 2007.
 - BRIAR CHAPEL - PHASE 3 & 4 EROSION CONTROL PLANS SEALED JULY 26, 2007.
 - BRIAR CHAPEL - PHASE 5 NORTH UNAPPROVED CONSTRUCTION PLANS SEALED APRIL 11, 2008.
 - BRIAR CHAPEL - GREAT RIDGE PARKWAY NORTH EXTENSION PLANS SEALED JANUARY 31, 2008.
 - BRIAR CHAPEL - PHASE 3, PHASE 4 AND GREAT RIDGE PARKWAY NORTH GUARDRAIL PLANS SEALED JULY 31, 2008.
 - BRIAR CHAPEL - DUKE ENERGY EASEMENT EROSION CONTROL PLAN SEALED AUGUST 20, 2007.
 - BRIAR CHAPEL - DUKE ENERGY EASEMENT HAIL ROAD EROSION CONTROL PLAN SEALED OCTOBER 11, 2007.
 - BEARINGS SHOWN HEREON ARE BASED ON N.C. GRID (NAD 83) NCGS MONUMENTS "MEACHAM" AND "GUNTER".
 - ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED.
 - BOUNDARY LINES SHOWN HEREON ARE COMPILED FROM A COMBINATION OF TAX MAPS, DEEDS, AND PLATS OF RECORD, PROPOSED PROPERTY LINES, AND/OR ACTUAL FIELD LOCATION.
 - EXISTING TOPOGRAPHIC DATA IS BASED ON AERIAL MAPPING PERFORMED BY AIR SURVEY (45180 BUSINESS COURT, DULLES, VIRGINIA, 20166-6706, PHONE: 1-800-272-6299, CONTACT: ED CROSSAN), THE MAPPING IS DATED 12/18/2000. ELEVATIONS ARE BASED ON NGVD 29. (SEE AERIAL MAPPING NOTE, THIS SHEET).
 - PROJECT IS LOCATED IN THE CAPE FEAR RIVER BASIN.
 - STREAM AND WETLAND LOCATIONS ARE BASED ON DELINEATIONS PROVIDED BY SOIL AND ENVIRONMENTAL CONSULTANTS (11010 RAVEN RIDGE ROAD, RALEIGH, NORTH CAROLINA 27614, PHONE: 919-846-5900, CONTACT: NIKKI THOMSON).
 - "N.F.V." MEANS "NOT FIELD VERIFIED" AS TO EXACT LOCATION AND/OR ELEVATION. INFORMATION SHOWN IS BASED ON PREVIOUS DESIGN DRAWINGS WHICH HAVE BEEN RELEASED FOR CONSTRUCTION.
 - TEMPORARY VERTICAL BENCHMARKS (TBM) AS SHOWN ARE TIED TO NGVD 29. TEMPORARY BENCHMARKS WERE INSTALLED BY THE JOHN R. MCADAMS COMPANY PRIOR TO CONSTRUCTION ACTIVITIES (FIELD VERIFY).

FLOODPLAIN NOTE:

A PORTION OF THIS PROPERTY IS LOCATED IN SPECIAL FLOOD HAZARD AREA "AE" AS SHOWN ON FEMA F.I.R.M. MAP # 3710977500J AND 3710976500J WITH AN EFFECTIVE DATE OF FEBRUARY 2, 2007. THE CONDITIONAL LETTER OF MAP REVISION WAS APPROVED ON SEPTEMBER 6, 2007 FOR POKEBERRY CREEK, CASE #07-04-3196R.

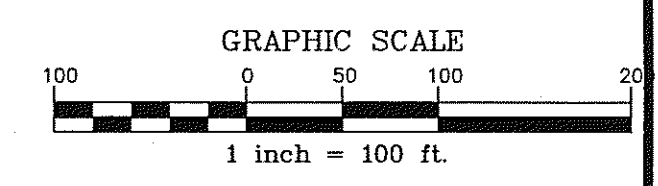
AERIAL MAPPING NOTE:

SOME EXISTING TOPOGRAPHY AS SHOWN IN THESE CONSTRUCTION DRAWINGS LIES WITHIN OBSCURED AREAS AND HAS BEEN IDENTIFIED WITHIN THESE CONSTRUCTION DRAWINGS AS INDEFINITE AERIAL MAPPING INFORMATION. AERIAL MAP WAS PRODUCED BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS AS PUBLISHED BY THE USGS. PLANIMETRIC AND TOPOGRAPHIC FEATURES THAT LIE IN AREAS DELINEATED AS "OBSCURED" MAY NOT ADHERE TO NATIONAL MAP ACCURACY STANDARDS. NINETY-FIVE (95) PERCENT OF ALL CONTOURS ON CLEAR UNOBSCURED GROUND WILL BE CORRECT TO WITHIN ONE-HALF (1/2) OF THE CONTOUR INTERVAL. THE REMAINING FIVE (5) PERCENT WILL NOT EXCEED ERROR OF MORE THAN THE CONTOUR INTERVAL. DASHED-LINE CONTOURS SHALL HAVE AN ACCURACY WITH RESPECT TO TRUE ELEVATION OF ONE CONTOUR INTERVAL OR ONE-FOURTH (1/4) THE AVERAGE HEIGHT OF THE GROUND COVER, WHICHEVER IS GREATER. NINETY (90) PERCENT OF ALL SPOT ELEVATIONS ON CLEAR UNOBSCURED GROUND WILL BE CORRECT TO WITHIN TWENTY-FIVE (25) PERCENT OF THE SPECIFIED CONTOUR INTERVAL, AND NONE WILL BE IN ERROR BY MORE THAN FIFTY (50) PERCENT OF THAT CONTOUR INTERVAL. NINETY-FIVE (95) PERCENT OF ALL VISIBLE PLANIMETRIC FEATURES SHALL BE WITHIN ONE-FORTIETH (1/40) OF AN INCH, AT MAP SCALE, OF THEIR CORRECT COORDINATE POSITIONS. NO SUCH WELL DEFINED FEATURES SHALL BE IN ERROR BY MORE THAN ONE-TWENTIETH (1/20) OF AN INCH.

- FIELD SURVEY NOTES:**
- EXISTING TOPOGRAPHY AS SHOWN IN THE BOUNDARIES MARKED AS FIELD SURVEY WAS CREATED BY THE JOHN R. MCADAMS CO., AND IS BASED ON VERTICAL DATUM NGVD 29.
 - TOPOGRAPHY CONTAINED WITHIN FIELD SURVEY BOUNDARIES WAS BUILT FROM ON THE GROUND FIELD DATA RECORDED ON JUNE 14, 2007, ADDITIONAL INFORMATION RECORDED ON OCTOBER 12, 2007, OCTOBER 18, 2007, OCTOBER 19, 2007, OCTOBER 23, 2007, AND JANUARY 14, 2008.

NOTE: ALL VERTICAL INFORMATION AS SHOWN IS BASED ON NGVD 29 DATUM

SOIL LEGEND*	
3A	CHEWACLA & WEHADKEE (0%-2% SLOPES) FREQUENTLY FLOODED
5A	CHEWACLA & WEHADKEE (0%-2% SLOPES) FREQUENTLY FLOODED
37B	WEDOWEE SANDY LOAM (2%-6% SLOPES)
37C	WEDOWEE SANDY LOAM (6%-10% SLOPES)
57C	WEDOWEE SANDY LOAM (6%-10% SLOPES)
37D	WEDOWEE SANDY LOAM (2%-6% SLOPES)
37E	WEDOWEE SANDY LOAM (15%-25% SLOPES)
39C	WEDOWEE SANDY LOAM (2%-15% SLOPES) BOULDERY
39E	WEDOWEE SANDY LOAM (15%-35% SLOPES) BOULDERY
51B	HELENA SANDY LOAM (15%-35% SLOPES)
51C	HELENA SANDY LOAM (6%-10% SLOPES)
57B	VANCE SANDY LOAM (2%-6% SLOPES)
* SOIL INFORMATION FROM CHATHAM COUNTY SOILS SURVEY	



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ENGINEERS/PLANNERS/SURVEYORS
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REVISIONS:

OWNER:
NNP-BRIAR CHAPEL, L.L.C.
16 WINDY KNOLL CIRCLE
CHAPEL HILL, NORTH CAROLINA 27516

BRIAR CHAPEL
PHASE 5 SOUTH "A"
PRELIMINARY PLAT SUBMITTAL
U.S. HWY. 15-501 & MANN'S CHAPEL ROAD, BALDWIN & WILLIAMS TOWNSHIPS, CHATHAM COUNTY, NORTH CAROLINA
EXISTING CONDITIONS

PROJECT No. NEW-06030
FILENAME: NEW06030XC2.dwg
DESIGNED BY: MJS
DRAWN BY: MDS
SCALE: 1"=100'
DATE: 04-10-2009
SHEET No. **C-2**
McADAMS