



1. FOR CLARITY – SANITARY SEWER, FORCE MAINS, AND WATER MAINS ARE SHOWN (SCREENED LINE WEIGHT). WATER SERVICES & SANITARY SEWER SERVICES ARE NOT SHOWN. ADDITIONALLY, ROADWAYS ARE DEFINED BY RIGHTS-OF-WAY AND EDGE OF PAVEMENT DELINEATION.
2. DRAINAGE AREA DELINEATION AND ACREAGE TO BASINS IS BASED ON THE COMPLETED PHASE 5 SOUTH STORMWATER COLLECTION SYSTEM.
3. UPON APPROVAL BY EROSION CONTROL INSPECTOR, CONTRACTOR MAY REMOVE PEROVUS BERM, SCOUR HOLES, AND DIVERSION DITCHES DURING STAGE 2, IN ORDER TO COMPLETE FINAL LOT GRADING TIE-OUTS AS PER GRADING SHEETS. CONTRACTOR MUST IMMEDIATELY REPLACE PEROVUS BERMS WITH SILT FENCE AND SILT FENCE OUTLETS AS SHOWN. PEROVUS BERM REMOVAL MUST BE DONE AS EXPEDITIOUSLY AS POSSIBLE DURING FORECASTED DRY WEATHER CONDITIONS.

1. OBTAIN LAND DISTURBING PERMIT.
2. INSTALL TREE PROTECTION, SILT FENCE, SILT FENCE OUTLETS, AND PERVIOUS ROCK DAMS IN ACCORDANCE WITH THE PLAN SHEETS, CLEARING ONLY THOSE AREAS NECESSARY, WHERE EXISTING SEDIMENT TRAPS, DIVERSION DITCHES, CHECK DAMS, SILT FENCE, AND TREE PROTECTION ARE BEING UTILIZED, ENSURE THAT THIS FENCING IS IN GOOD CONDITION, REPLACING IT WHERE REQUIRED.
3. CONSTRUCT SKIMMER SEDIMENT BASIN (ST-1) AND SEDIMENT RISER BASIN (RB-1) IN ACCORDANCE WITH THE PLAN SHEETS, CLEARING ONLY THOSE AREAS NECESSARY TO INSTALL THESE DEVICES AND THE DIVERSION DITCHES DIRECTING DISTURBED FLOWS TO THEM. PLACE CHECK DAMS IN DIVERSION DITCHES AND SLOPE DRAINS AT RISER BASINS AS SHOWN ON PLANS.
4. CALL CHATHAM COUNTY EROSION CONTROL (919) 545-8343 FOR ONSITE INSPECTION.
5. BEGIN CLEARING, GRUBBING, GRADING OPERATIONS FOR THE CONSTRUCTION OF ROADS, INFRASTRUCTURE AND MASS GRADE LOT AREAS.
6. STABILIZE MASS GRADED AREAS AS THEY ARE BROUGHT TO FINISH GRADE. SEED AND MULCH DENUDED AREAS WITHIN 21 DAYS OF ANY COMPLETED PHASE OF CONSTRUCTION.
7. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL DESIGN MANUAL, AND CHATHAM COUNTY ORDINANCE.
8. CONTRACTOR WILL MEET WITH THE CHATHAM COUNTY EROSION CONTROL INSPECTOR PRIOR TO COMMENCING A NEW PHASE OF CONSTRUCTION REQUIRING ADDITIONAL EROSION CONTROL MEASURES.
9. AN INSPECTION BY THE CHATHAM COUNTY EROSION CONTROL INSPECTOR IS REQUIRED PRIOR TO REMOVAL OF ANY EROSION CONTROL MEASURE. MEASURES REQUIRED PERMANENT VEGETATION WILL BE FULLY ESTABLISHED AS A PRECONDITION TO REMOVAL OF ANY EROSION CONTROL MEASURE.

1. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. FOR NECESSARY PLAN OR GRADE CHANGES, NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
2. TOTAL DISTURBED AREA = 7.78 ACRES
3. THERE ARE WETLANDS ON THIS SITE. IT IS THE OWNERS RESPONSIBILITY FOR WETLANDS JURISDICTION AND DISTURBANCE PRIOR TO ANY GRADING ACTIVITY.
4. CONTRACTOR IS ADVISED THAT LIVE OVERHEAD LINES MAY EXIST ON PROJECT SITE. CONTRACTOR SHALL CONTACT DUKE POWER AT 366-634-4633 PRIOR TO COMMENCING ANY ACTIVITY IN 200' DUKE POWER RIGHT OF WAY.
5. ALL EROSION CONTROL MEASURES IN THIS PLAN WILL BE ROUTINELY INSPECTED AND MAINTAINED IN GOOD REPAIR THROUGHOUT CONSTRUCTION UNTIL REMOVAL IS AUTHORIZED BY EROSION CONTROL INSPECTOR.
6. CONTRACTOR SHALL CLEAN-OUT SKIMMER SEDIMENT BASIN AND SEDIMENT RISER BASIN WHEN SEDIMENT VOLUME REACHES THE CLEANOUT MARK ELEVATION AS SPECIFIED, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.
7. CONTRACTOR IS RESPONSIBLE FOR ALL DE-WATERING AS REQUIRED THROUGHOUT PROJECT CONSTRUCTION.
8. ALL TEMPORARY DIVERSION DITCHES (DISTURBED AND UNDISTURBED) WHICH CROSS PROPOSED ROAD ALIGNMENTS SHALL BE GRAVEL TYPE FOR VEHICLE CROSSING PER DETAIL, SHEET D-2.
9. EXISTING INFRASTRUCTURE AS SHOWN IS CURRENTLY UNDER CONSTRUCTION AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR 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 29th JANUARY, 2005.
 - BRIAR CHAPEL - PHASE 1 CONSTRUCTION PLANS SEALED OCTOBER 21st, 2005.
 - BRIAR CHAPEL - WEST EXTENSION GRADING PLAN (INTERIM) SEALED MARCH 1st, 2007.
 - BRIAR CHAPEL - PHASE 3 CONSTRUCTION PLANS SEALED DECEMBER 4th, 2006.
 - BRIAR CHAPEL - PHASE 4 CONSTRUCTION PLANS SEALED JANUARY 15th, 2007.
 - BRIAR CHAPEL - WATER QUALITY POND 4 CONSTRUCTION PLANS SEALED AUGUST 16th, 2006.
 - BRIAR CHAPEL - PUMP STATION CONSTRUCTION PLANS DATED APRIL 3rd, 2006.
 - BRIAR CHAPEL - PHASE 3 POND 3 CONSTRUCTION PLANS SEALED SEPTEMBER 17th, 2007.
 - BRIAR CHAPEL - PHASE 3 & 4 EROSION CONTROL PLANS SEALED JULY 26th, 2007.
 - BRIAR CHAPEL - PHASE 5 NORTH UNAPPROVED CONSTRUCTION PLANS SEALED APRIL 11th, 2008.
 - BRIAR CHAPEL - PHASE 5 NORTH EXTENSION NORTH CONSTRUCTION PLANS SEALED JANUARY 31st, 2008.
 - BRIAR CHAPEL - PHASE 3, PHASE 4 AND GREAT RIDGE PARKWAY NORTH GUARDRAIL PLANS SEALED JULY 31st, 2008.
 - BRIAR CHAPEL - DUKE ENERGY EASEMENT EROSION CONTROL PLAN SEALED AUGUST 20th, 2007.
 - BRIAR CHAPEL - DUKE ENERGY EASEMENT HAIL ROAD EROSION CONTROL PLAN SEALED OCTOBER 11th, 2007
10. TEMPORARY VERTICAL BENCHMARKS (TEM) AS SHOWN ARE TIED TO NGVD 29. TEMPORARY BENCHMARKS WERE INSTALLED BY THE JOHN R. MCADAMS COMPANY PRIOR TO CONSTRUCTION ACTIVITIES (FIELD VERIFY).
11. "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.

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.


SOME EXISTING TOPOGRAPHY AS SHOWN IN THESE CONSTRUCTION DRAWINGS LIES WITHIN OBTURED AREAS AND HAS BEEN IDENTIFIED WITHIN THESE CONSTRUCTION DRAWINGS AS INDEFINITE AERIAL MAPPING INFORMATION. AERIAL MAP WAS NOT AVAILABLE FOR THESE AREAS. THEREFORE, THE CONSTRUCTION DRAWINGS ARE CONSIDERED TO BE IN ACCORDANCE WITH THE STANDARDS AS PUBLISHED BY THE U.S.G.S. PLANIMETRIC AND TOPOGRAPHIC FEATURES THAT LIE IN AREAS DELINEATED AS "OBTURED" MAY NOT ADHERE TO NATIONAL MAP ACCURACY STANDARDS. NINETY-FIVE (95) PERCENT OF ALL CONTOURS ON CLEAR UNOBTURED GROUND SHALL BE CORRECT TO WITHIN ONE-HALF (1/2) OF THE CONTOUR INTERVAL. THE REMAINING FIVE (5) PERCENT MAY EXCEED THIS STANDARD. CONTOUR INTERVALS SHALL BE 10 FEET. CONTOUR INTERVALS SHALL HAVE AN ACCURACY WITH RESPECT TO TRUE ELEVATION OF ONE CONTOUR INTERVAL OR ONE-FOURTH (1/4) THE AVERAGE ELEVATION OF THE GROUND COVER, WHICHEVER IS GREATER. NINETY (90) PERCENT OF ALL SPOT ELEVATIONS ON CLEAR UNOBTURED GROUND SHALL BE IN ERROR BY MORE THAN FIFTY (50) PERCENT OF THE CONTOUR INTERVAL. NINETY-FIVE (95) PERCENT OF ALL VISIBLE PLANTIMETRIC 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.

1. 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.
2. 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.

SEE GENERAL NOTE 9, THIS SHEET)



PROJECT NO.	NEW-06030
FILENAME:	NEW06030EC2.dwg
DESIGNED BY:	MJS
DRAWN BY:	MDS
SCALE:	1"=100'
DATE:	04-10-2009
SHEET NO.	C-5

McADAMS