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Dewberry
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NCBELS #: F-0929

PROJECT REFERENCE NO.	SHEET NO.
R-4436EJ	EC-1
R/W SHEET NO.	

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 12786 ENGINEER STEVEN M. BOWDON

DocuSigned by: Steve Bowdon 3/21/2017
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PLANS

EROSION CONTROL PLAN

WEST SITE BIOSWALE

CONSTRUCTION SEQUENCE

1. CONDUCT PRE-CONSTRUCTION MEETING WITH NCDOT DIVISION OFFICE.
2. CONTRACTOR SHALL NOTIFY NCDOT DIVISION OFFICE SEVEN DAYS PRIOR TO BEGINNING LAND DISTURBING ACTIVITY.
3. FLAG WORK LIMITS.
4. INSTALL TRAFFIC CONTROL DEVICES PER TRAFFIC CONTROL PLAN.
5. INSTALL GRAVEL CONSTRUCTION ENTRACE.
6. INSTALL ROCK INLET SEDIMENT TRAP AT EXISTING INLETS.
7. INSTALL AND RELOCATE SILT FENCE AS NEEDED PREVENT SEDIMENT FROM LEAVING THE SITE OR BEING DEPOSITED ON TOP OF NEWLY INSTALLED UNDERDRAIN, MEDIA OR BERMUDA SOD.
8. REMOVE CONCRETE LINING FROM EXISTIG DITCHES BEGINNING UPSTREAM.
9. INSTALL PSRM DITCH.
10. EXCAVATE BIOSWALE, INSTALL WASHED STONE, UNDERDRAIN PIPE, AND CLEANOUTS.
11. BACKFILL WITH FILTRATION MEDIA.
12 INSTALL RIPRAP PLUNG POOLS AND RIRPRAP DITCHES.
13. INSTALL BERMUDA SOD, PROVIDE TEMPORARY OR PERMANENT SEED AND MULCH IN REMAINING DISTURBED AREA PER NCDOT SPECIFICATIONS.
14. CONFIRM WITH NCDOT WHEN VEGETATION IS STABILIZED AND REMOVE TEMPORARY DEVICES.

GENERAL NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATION OF THE NORTH CAROLINA DEPARMENT OF TRANSPORTATION UNLESS OTHERWISE NOTED.
2. WASTE SOIL SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF AT THE CONTRACTORS EXPENSE
3. DEWATERING: THE CONTRACTOR SHALL AT ALL TIMES PROVIDE AND MAINTAIN AMPLE MEANS AND EQUIPMENT WITH WHICH TO REMOVE AND PROPERLY DISPOSE OF ANY AND ALL WATER ENTERING THE EXCAVATION OR OTHER PARTS OF THE WORK AND KEEP ALL EXCAVATIONS DRY UNTIL SUCH TIME AS PIPE LAYING AND GRADING IS COMPLETED. NO WATER SHALL BE ALLOWED TO RISE AROUND THE PIPE IN UNBACKFILLED TRENCHES NOR SHALL IT BE ALLOWED TO RISE OVER MASONRY UNTIL THE CONCRETE OR MORTAR HAS SET (MINIMUM 24 HOURS). THE CONTRACTOR SHALL PUMP OR DRAIN SEDIMENT-LADEN WATER THROUGH SEDIMENT BAG(S) PRIOR TO DISCHARGE TO ADJACENT PROPERTY OR OTHER CONSTRUCTION (SEE DETAILS).
4. THE CONTRACTOR SHALL CONTACT THE LOCATOR AT 811 OR 1-800-632-4949 BEFORE COMMENCING ANY WORK. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILIITES WHETHER INDICATED ON THE DRAWINGS OR NOT. THE CONTRACTOR WILL ASSURE THE PRESENCE ONSITE OF AS REPRESENTATIVE OF THE GAS COMPANY WHEN WORKING IN THE VICINITY OF ANY GAS MAINS.

FALLS LAKE WATERSHED GROUND COVER REQUIREMENTS:

IN DISTURBED AREAS WHERE GRADING ACTIVITIES HAVE BEEN COMPLETED, PROVIDE PERMANENT GROUND COVER NO LATER THAN SEVEN DAYS.

IN DISTURBED AREAS WHERE GRADING ACTIVITES ARE INCOMPLETE, PROVIDE TEMPORARY GROUND COVER NO LATER THAN: SEVEN DAYS FOR SLOPES STEEPER THAN 3:1; TEN DAYS FOR SLOPES EQUAL TO OR FLATTER THAN 3:1; FOURTEEN DAYS FOR AREAS WITH NO SLOPE.

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1632.02	Rock Inlet Sediment Trap Type B	
1633.02	Temporary Rock Silt Check Type B	

8/17/99

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