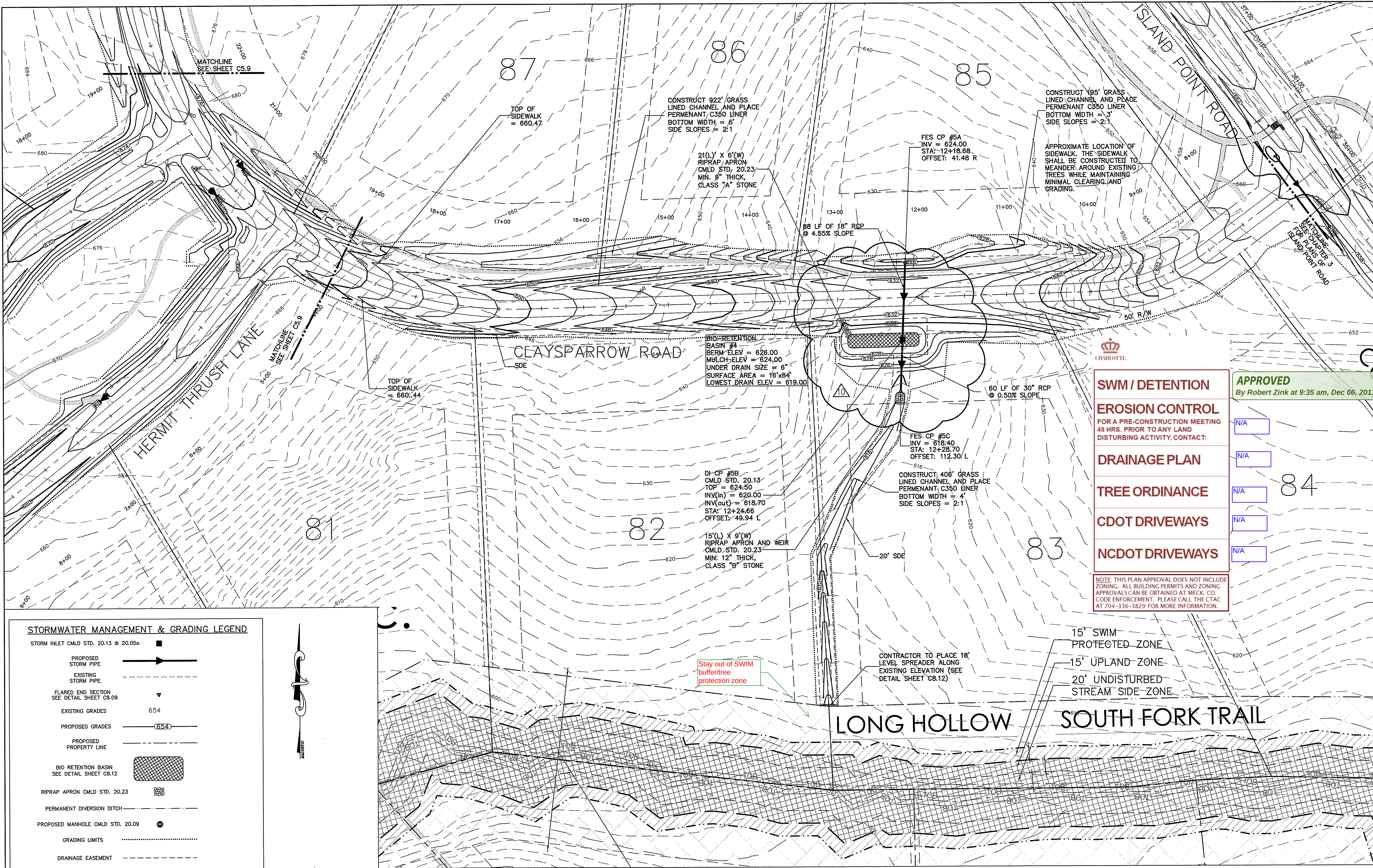


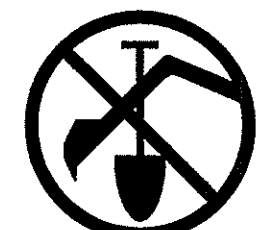
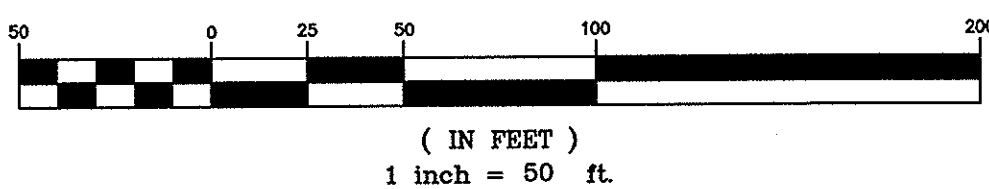


STORMWATER MANAGEMENT & GRADING LEGEND

- STORM INLET CMLD STD. 20.13 & 20.05g
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- FLARED END SECTION SEE DETAIL SHEET C8.09
- EXISTING GRADES 654
- PROPOSED GRADES 654
- PROPOSED PROPERTY LINE
- BIO RETENTION BASIN SEE DETAIL SHEET C8.12
- RIPRAP APRON CMLD STD. 20.23
- PERMANENT DIVERSION DITCH
- PROPOSED MANHOLE CMLD STD. 20.09
- GRADING LIMITS
- DRAINAGE EASEMENT
- LEVEL SPREADER SEE DETAIL SHEET C8.12
- 15" RCP SIDEWALK CROSSING W/ CONCRETE ENDWALLS (CMLD STD. 20.16) AND 1 TON RIPRAP D50 = 6" (CMLD STD. 20.23)



GRAPHIC SCALE



BEFORE YOU DIG  
CALL 1-800-632-4949  
N.C. ONE-CALL CENTER  
IT'S THE LAW

NOTES:

- ALL PERMANENT DIVERSION DITCHES DIVERT OFFSITE AND UNDISTURBED FLOW FROM BIO-RETENTION PONDS
- SEE SHEET C8.10 FOR RIPRAP APRON DETAIL
- SEE SHEET C8.10 FOR PERMANENT DIVERSION DITCH DETAIL
- SEE SHEET C8.12 FOR BIO-RETENTION DETAIL

SWM / DETENTION

EROSION CONTROL  
FOR A PRE-CONSTRUCTION MEETING  
48 HRS. PRIOR TO ANY LAND  
DISTURBING ACTIVITY, CONTACT:

DRAINAGE PLAN

TREE ORDINANCE

CDOT DRIVEWAYS

NCDOT DRIVEWAYS

NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE ZONING. ALL BUILDING PERMITS AND ZONING APPROVALS CAN BE OBTAINED AT MECK. CO. CODE ENFORCEMENT. PLEASE CALL THE CTAC AT 704-336-3829 FOR MORE INFORMATION.

APPROVED

By Robert Zink at 9:35 am, Dec 06, 2013

N/A

N/A

N/A

N/A

N/A

Revision

APPROVED FOR  
CONSTRUCTION

Charlotte-Mecklenburg Planning Department  
By: Joshua Weaver 11-18-2013

- Revisions:
- Rev. 12 - 12/10/03: 2nd Submittal City Comments
  - Rev. 13 - 02/04/04: 2nd Submittal City Comments
  - Rev. 14 - 02/26/04: 3rd Submittal City Comments
  - Rev. 15 - 04/01/04: 4th Submittal City Comments
  - Rev. 16 - 04/28/04: NCDOT Comments & Field Rev.
  - Rev. 17 - 06/07/04: Field Rev.
  - Rev. 18 - 07/27/04: 08/27/04: Stock File Area Rev.
  - Rev. 19 - 09/14/04: NCDOT Plat Requirements
  - Rev. 10 - 09/15/13: Bio-retention Rev.

Date: August 4, 2003

Designed By: RAK

Drawn By: RFG

Scale: 1" = 50'

Project Number: 10.0343

Sheet Number:

C5.8

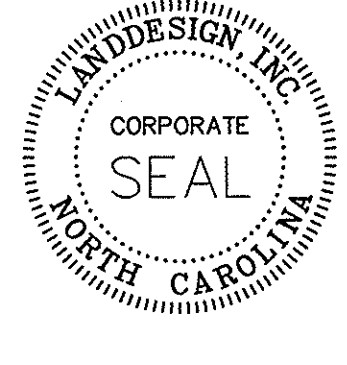
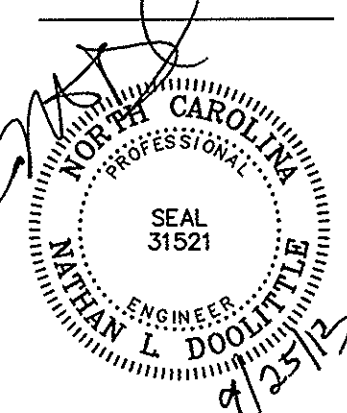
THE SANCTUARY

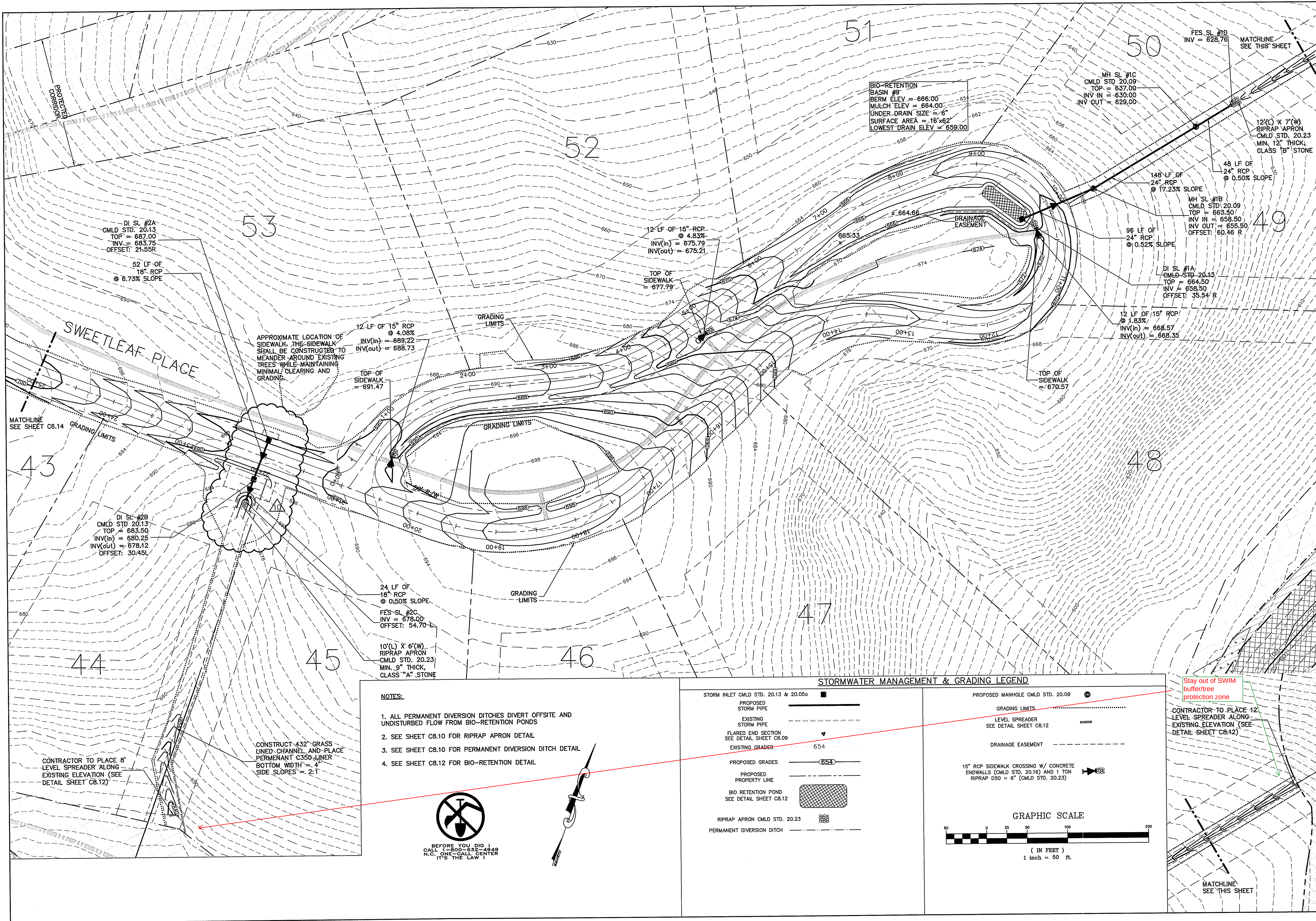
AT LAKE WYLIE

Stormwater Management & Grading Plan

LandDesign

223 N Graham Street, Charlotte, NC 28202  
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www.LandDesign.com





LandDesign

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SEAL  
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PROFESSIONAL  
ENGINEER  
L. DOOLITTLE  
9/25/15

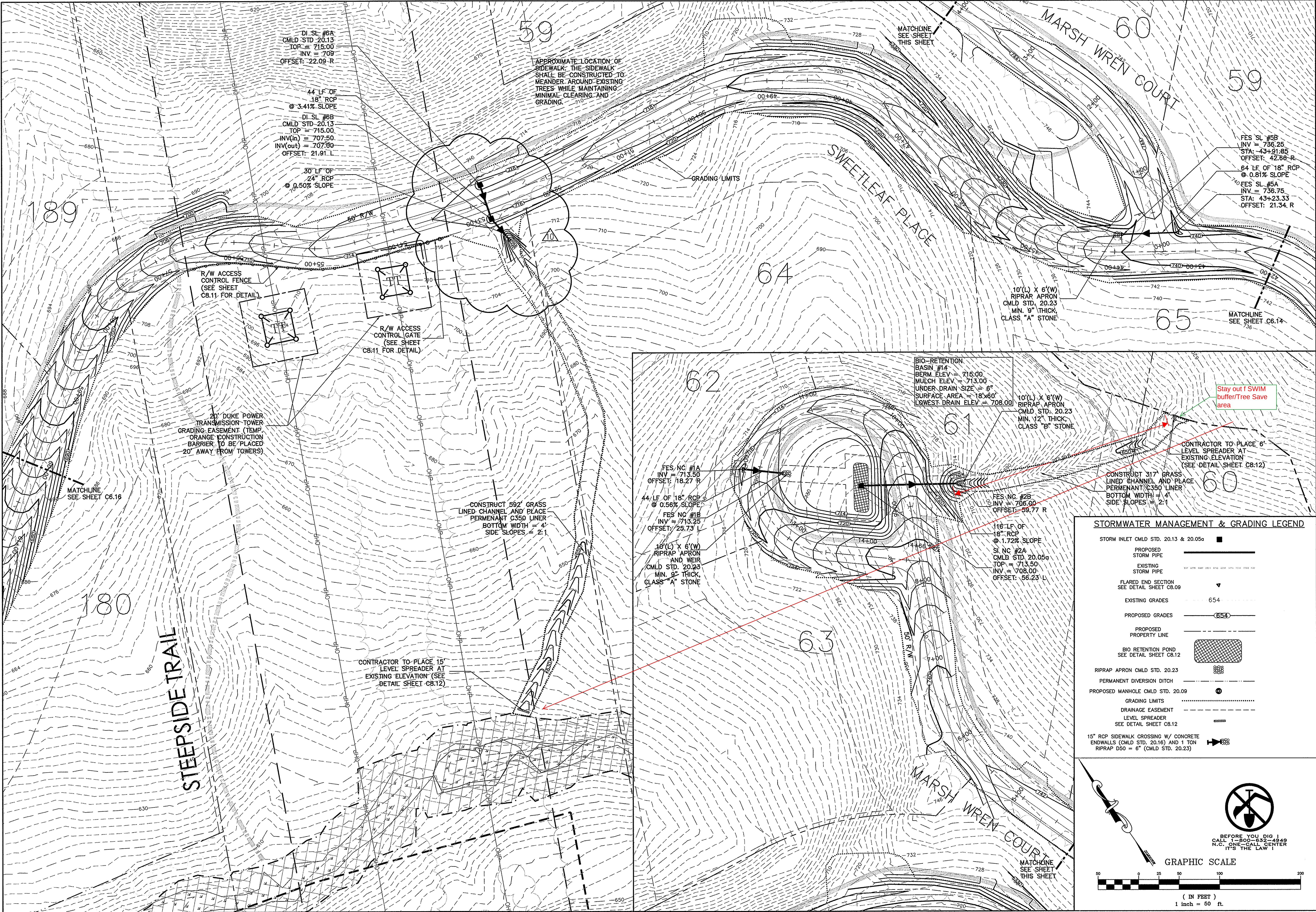
SEAL  
CORPORATE  
NORTH CAROLINA  
LANDDESIGN, INC.

THE SANCTUARY  
AT LAKE WYLIE  
DRAINAGE & GRADING PLAN - SWEETLEAF PL.

Revisions:  
Rev #2 - 12/10/03 2nd Submittal City Comments  
Rev #3 - 02/04/04 2nd Submittal City Comments  
Rev #4 - 02/06/04 3rd Submittal City Comments  
Rev #5 - 04/01/04 4th Submittal City Comments  
Rev #6 - 04/03/04 NCDOT Comments & Field Rev  
Rev #7 - 06/07/04 Field Rev  
Rev #8 - 07/27/04 08/27/04 Stock Pile Area Rev.  
Rev #9 - 09/14/04 NCDOT Plan Requirements  
Rev #10 - 09/25/03 Bio-retention Rev.

Date: August 4, 2003  
Designed By: BAK  
Drawn By: RFG  
Scale: 1" = 60'  
Project Number: 103243  
Sheet Number:

C6.13



LandDesign

223 N Graham Street, Charlotte, NC 28202  
V: 704.333.0375 F: 704.332.3246  
www.LandDesign.com

Professional Engineer  
NORTH CAROLINA  
SEAL  
31521  
WILLIAM L. DOOLITTLE  
9/25/15

Corporate Seal  
LAND DESIGN, INC.  
NORTH CAROLINA

THE SANCTUARY  
AT LAKE WYLIE  
DRAINAGE & GRADING PLAN - SWEETLEAF PL.

Revisions:  
Rev. #1 - 12/10/03, and Submittal City Comments  
Rev. #2 - 02/04/04, and Submittal City Comments  
Rev. #3 - 02/26/04, 3rd Submittal City Comments  
Rev. #4 - 04/01/04, 4th Submittal City Comments  
Rev. #5 - 04/30/04, NCDOT Comments & Field Rev.  
Rev. #6 - 07/07/04, 08/07/04, Stock File Area Rev.  
Rev. #7 - 09/14/04, NCDOT Plat Requirements  
Rev. #8 - 09/25/13, Bio-retention Rev.

Date: August 4, 2003  
Designed By: Rdk  
Drawn By: RFG  
Scale: 1" = 50'  
Project Number: 103243  
Sheet Number:

C6.15

STORMWATER MANAGEMENT & GRADING LEGEND

|                                                                                                              |       |
|--------------------------------------------------------------------------------------------------------------|-------|
| STORM INLET CMLD STD. 20.13 & 20.05a                                                                         | ■     |
| PROPOSED STORM PIPE                                                                                          | —     |
| EXISTING STORM PIPE                                                                                          | —     |
| FLARED END SECTION SEE DETAIL SHEET C8.09                                                                    | ▼     |
| EXISTING GRADES                                                                                              | 654   |
| PROPOSED GRADES                                                                                              | 654   |
| PROPOSED PROPERTY LINE                                                                                       | ---   |
| BIO RETENTION POND SEE DETAIL SHEET C8.12                                                                    | ▨     |
| RIPRAP APRON CMLD STD. 20.23                                                                                 | ▩     |
| PERMANENT DIVERSION DITCH                                                                                    | ---   |
| PROPOSED MANHOLE CMLD STD. 20.09                                                                             | ⊙     |
| GRADING LIMITS                                                                                               | ..... |
| DRAINAGE EASEMENT                                                                                            | ----  |
| LEVEL SPREADER SEE DETAIL SHEET C8.12                                                                        | ===== |
| 15" RCP SIDEWALK CROSSING W/ CONCRETE ENDWALLS (CMLD STD. 20.16) AND 1 TON RIPRAP D50 = 6" (CMLD STD. 20.23) | ➡     |

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IT'S THE LAW!

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