GRADING NOTES:

1. NO WATER QUALITY MEASURES OR DETENTION IS PROPOSED AS PART OF THIS DESIGN PACKAGE.

2. PROVIDE SILT FENCE, SILT SACKS, AND INLET PROTECTION AS NEEDED FOR EROSION CONTROL.

3. CONTRACTOR SHALL REMOVE ALL PLASTIC CLAY (BULL TALLOW) FROM PROJECT AREA AND REPLACE WITH SUITABLE FILL MATERIAL. COORDINATE REMOVAL WITH OWNER'S TESTING COMPANY PRIOR TO REMOVAL.

4. CONTRACTOR MAY STOCKPILE AND DRY PLASTIC CLAY (BULL TALLOW) ONLY IF APPROVED BY OWNERS TESTING COMPANY PRIOR TO CONSTRUCTION. CONTRACTOR SHALL ALLOW OWNERS TESTING COMPANY TO MONITOR DRYING OPERATION AND MAY NOT PLACE SOIL BACK UNTIL WRITTEN PERMISSION IS GRANTED BY OWNER'S TESTING COMPANY.

EXISTING BUILDING

PROPOSED BUILDING (REFER TO ARCH. PLANS)

EXISTING BUILDING

EXISTING PARKING LOT

EXISTING PARKING LOT

CLEAN-OUT RIM. OUT = 117.50

LIMITS OF DISTURBANCE, TYP. ±0.323 ACRES

6" DRAIN LINE TIE INTO STORM NETWORK, TYP.

CLEAN-OUT INV. IN = 116.47 INV. OUT = 116.27

DOWNSPOUT, TYP.

6" PVC @ 1.0%

FLOW

120.00

119.67

FFE = 121.00

FFE = 119.10

FFE = 121.00 (UPPER)
FFE = 109.67 (LOWER)

YI-4
INV. IN = 115.70
INV. OUT = 115.50

YI-2
RIM = 108.80
INV. IN = 105.67
INV. IN = 105.28
INV. IN = 105.19
INV. OUT = 104.99

YI-1
RIM = 109.30
INV. IN = 105.67
INV. OUT = 105.50

TRENCH DRAIN
RIM = 109.47
BOTTOM = ±108.97

4" PVC CONNECTION FROM TRENCH DRAIN, TYP.

DOWNSPOUT, TYP.

YI-3
RIM = 108.80
INV. IN = 105.87
INV. OUT = 105.50

6" PVC @ 1.0%

8.33%

6" PVC @ 2.9%

TW 117.50
BW 109.47

TW 117.50
BW 109.50

BP 109.50

CLEAN-OUT
INV. IN = 113.50
INV. OUT = 113.30

CLEAN-OUT
INV. IN = 111.50
INV. IN = 104.73
INV. OUT = 104.56

LIMITS OF DISTURBANCE, TYP. ±0.323 ACRES

12" CPP FOR DOWN SPOUTS

DROP INLET

15" RCP

18" RCP LINE TO BE ABANDONED

DROP INLET TO BE ABANDONED AND SEALED

18" RCP

4" CPP LINE TO BE ABANDONED

18" RCP

INV. OUT 108.9

FES

PIPE TO DAYLIGHT AT ELEV. 100.80

REFER TO INSET THIS SHEET FOR EXTENT OF STORM DRAIN

119.0

118.3

INSET: STORM DRAIN EXTENSION

110

105

101

160LF 8" PVC @ 2.5%

PIPE TO DAYLIGHT AT ELEV. 100.80

Graphic Scale 1" = 10 ft.

IF ANY CONFLICTS, DISCREPANCIES, OR OTHER UNSATISFACTORY CONDITIONS ARE DISCOVERED EITHER ON THE CONSTRUCTION DOCUMENTS OR THE FIELD CONDITIONS, THE CONTRACTOR MUST NOTIFY HENSON DESIGN, PLLC IMMEDIATELY, AND SHALL NOT PROCEED IN AREA WITH THE CONFLICTS, DISCREPANCIES, OR OTHER UNSATISFACTORY CONDITIONS ARE RESOLVED.

HensonFoley
Landscape Architecture | Civil Engineering
10224 Rickenwood Hill Avenue, Suite 101A, Huntersville, NC 28078
p: 704.875.1418 | f: 704.875.0269 | www.hensonfoley.com

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NORTH ARROW

Graphic Scale 1" = 10 ft.

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 700 SEAL

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Coddle Creek ARP Church

Parcel ID# 4674-45-1238
Mooresville, NC

Grading and Drainage Plan

Revisions:

Bid Plans:

File Name: base-21002.dwg
Project Number: 21002
Date: Aug. 13, 2010 Drawn By: JAH

Sheet 4 of 5