

NOTES:

1. PRIOR TO BEGINNING GRADING FOR SEDIMENT AND SKIMMER BASINS, THE CONTRACTOR SHALL INSTALL PROTECTION AROUND THE EXISTING LFG AND GW MONITORING INFRASTRUCTURE. SEE DETAILS.
2. THE WETLANDS NEAR PROPOSED SEDIMENT BASIN 2 SHALL BE FLAGGED AND SILT FENCE INSTALLED AROUND THE WETLANDS PRIOR TO BEGINNING ANY GRADING WORK, INCLUDING INSTALLING SEDIMENT CONTROL STRUCTURES. THE CONTRACTOR WILL BE PROVIDED DIGITAL INFORMATION FOR THE LIMITS OF IMPACT TO THE WETLANDS. CARE MUST BE TAKEN TO CONFINE WETLANDS IMPACTS TO THE LIMITS NOTED. IF THE CONTRACTOR IMPACTS THE WETLANDS BEYOND THE PERMITTED AMOUNT, THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FINES ASSOCIATED WITH THE ADDITIONAL IMPACT AS WELL AS ALL COSTS ASSOCIATED WITH REBUILDING THE WETLANDS.
3. CONTRACTOR TO INSTALL EROSION CONTROL MEASURES, INCLUDING SEDIMENT BASINS, PRIOR TO BEGINNING CLEARING AND GRUBBING AND GRADING ON SITE.
4. CONTRACTOR TO CLEAR AND GRUB SITE, INCLUDING REMOVING ALL TREES FROM THE CAP AREA, PRIOR TO SUBGRADE INSTALLATION.
5. CHECK DAMS TO BE INSTALLED IN ALL DITCHES PER THE REQUIREMENT OF THE NCEQ-LAND QUALITY SECTION AND DETAILS.
6. EXISTING RIPRAP AND GRAVEL WITHIN THE LIMITS OF GRADING TO BE REMOVED, AND MAY BE USED IN PROPOSED CONSTRUCTION.
7. ALL 3 DITCHES, INCLUDING PERMANENT AND TEMPORARY, DISCHARGING TO RATCLIFFE COVE BRANCH FROM PROPOSED SEDIMENT CONTROL STRUCTURES SHALL INCLUDE DITCH MATTING, N.A.G. SC 150, OR APPROVED EQUAL.

DO NOT DISTURB WETLANDS A DURING CONSTRUCTION

STREAM IMPACT 55 L.F.

WETLANDS A 0.04 ACRES

PROPOSED STORMWATER/SEDIMENT CONTROL POND 1 ID: SP1

25' STREAM BANK BUFFER

PROPOSED LIMITS OF DISTURBANCE: 47.0 ACRES

CONTRACTOR TO END DITCH ABOVE ORDINARY HIGH WATER LEVEL AT STREAMBANK, TYP. FOR 3 DITCHES DISCHARGING TO STREAM. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO BEGINNING GRADING WORK FOR THESE DITCHES IN ORDER TO VERIFY CONNECTION POINT AT STREAM INTERFACE. CONTRACTOR TO APPLY PERMANENT OR TEMPORARY COVER TO AREA WITHIN STREAMBANK BUFFER ON THE SAME DAY THAT GRADING OCCURS

INSTALL PROTECTION AROUND EXISTING LFG AND GW MONITORING WELLS, TYP. SEE NOTE 1 THIS SHEET.

PROPOSED SKIMMER BASIN 1 ID: SK1

INSTALL SILT FENCE, TYP.

GRASSED EMERGENCY SPILLWAY, 1' DEEP 15' BOTTOM WIDTH 4:1 SIDE SLOPES TYP. FOR 2 SEDIMENT BASINS

WETLANDS B IMPACT: 0.05 ACRES SEE NOTE SHEET G-002 REGARDING PROTECTING THE WETLANDS DURING CONSTRUCTION

WETLANDS B 0.21 ACRES

PROPOSED STORMWATER/SEDIMENT CONTROL POND 2 ID: SP2

EXISTING BURIED F.O.C. TO REMAIN IN SERVICE

EXISTING OVERHEAD ELECTRICAL SERVICE TO BE REMOVED BY OTHERS PRIOR TO CONSTRUCTION

UNNAMED BRANCH

EXISTING CHAIN-LINK FENCE TO BE REMOVED

EXISTING WIRE FENCE TO BE REMOVED

EXISTING GRAVEL TO BE REMOVED MAY BE REUSED ON SITE

INSTALL PERMANENT DIVERSION SWALE PER THE DETAILS INCLUDE ROCK CHECK DAMS PER THE DETAILS ROCK CHECK DAMS TO REMAIN IN THIS PERMANENT SWALE

EXISTING WATERLINE TO REMAIN IN SERVICE WATER METER LOCATED IN STRUCTURE LABELED "SSMH"

PROPOSED STABILIZED CONSTRUCTION ENTRANCE (TYP. OF 3) INCLUDING AT STREAM CROSSING (NOT SHOWN)

REMOVE EXISTING STEEL GATE

HAYWOOD COUNTY PROPERTY LINE ±76 ACRES

RATCLIFFE COVE BRANCH

CONTRACTOR MAY UTILIZE THE EXISTING SEDIMENT BASIN FOR NEW ACCESS ROAD GRADING PRIOR TO SEDIMENT BASIN 1 BEING CONSTRUCTED

INSTALL 2' HIGH BERM ON SIDE OF NEW ACCESS ROAD IN AREA OF EXISTING BERM, THIS SECTION OF ROAD ONLY BURY THIS END OF GUARD RAIL IN BERM PER NCDOT DETAILS

PROPOSED ASPHALT ACCESS ROAD NEW ROAD TO BECOME FULLY OPERATIONAL PRIOR TO EXISTING ASPHALT ROAD BEING DEMOLISHED

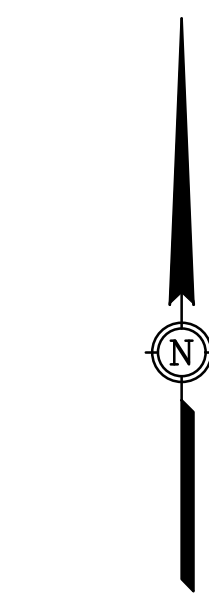
PROPOSED LINER EDGE

EXISTING SEDIMENT BASIN NEAR FLARE ABANDONMENT NOTE WHEN THE EXISTING SEDIMENT BASIN IS NOT NEEDED AND PRIOR TO COMMENCING FILLING OPERATIONS IN THE AREA, THE CONTRACTOR SHALL REMOVE THE EXISTING RISER PIPE AND ABANDON IN PLACE THE EXISTING BARREL. GROUT END OF BARREL. REMOVE ANY BAFFLE MATERIALS AND ANY UNSUITABLE SOILS AT THE BOTTOM OF THE BASIN.

- LEGEND**
- MM-14 LANDFILL GAS MONITORING WELL
 - MW-6 GROUNDWATER MONITORING WELL
 - PD → PD → PD → PROPOSED PERMANENT DITCH
 - TD → TD → TD → PROPOSED TEMPORARY DITCH
 - PROPOSED ROCK CHECK DAM
 - PROPOSED LINER EDGE

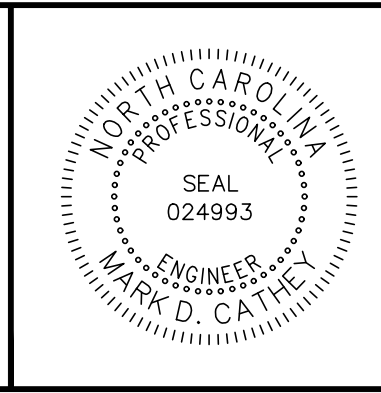
MW-16
MW-16D
MM-21

MW-22



BID DOCUMENTS

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SIGNED AND DATED:

NO.	DATE	BY	DESCRIPTION

THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED IN ACCORDANCE WITH THE STANDARD CERTIFICATION REQUIREMENTS FOUND IN NC ADMINISTRATIVE CODE 21-58 (103E). THIS DIGITAL SIGNATURE HAS BEEN FOUND BY THE NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS TO MEET THESE STANDARDS. PLEASE CONTACT THE SIGNER IF YOU NEED ASSISTANCE IN VALIDATING THE SIGNATURE.

FRANCIS FARM LANDFILL RESTRICTIVE COVER IMPLEMENTATION
HAYWOOD COUNTY
HAYWOOD COUNTY, NORTH CAROLINA

100 0 50 100 200
GRAPHIC SCALE 1 INCH = 100 FEET

OFFICE MANAGER	DESIGNER
MDC	DAP
PROJECT MANAGER	REVIEWER
JRB	JRB

DATE	PROJECT #	FUNDING #
DECEMBER 2019	14.00708	N/A

SHEET
C-105

LIBRARY STREET DRAWINGS 201414.00708 - FELP ACME DESIGN/SOLID WASTE DRAWINGS/CONSTRUCTION DWG(S) 14.00708 CD PLAN DECEMBER 13 2019 DWG PLOT DATE 12/23/2019 2:12 PM DAVE PASKO