

- NOTES:**
- SEE DETAILS FOR REQUIREMENTS OF THE LLDPE INSTALLATION. ELEVATIONS SHOWN HERE ARE FINAL GRADE ELEVATIONS.
 - SECURING THE LINER SYSTEM DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR TO CONSTRUCT INTERIOR ANCHOR TRENCHES AS NECESSARY PER THE LLDPE MANUFACTURER'S RECOMMENDATIONS.
 - CONTRACTOR TO PROVIDE BEFORE AND AFTER SURVEYS TO VERIFY THE THICKNESS OF THE VEGETATIVE COVER, AT THE TOP OF THE SELECT BACKFILL AND AT THE TOP OF THE VEGETATIVE SUPPORT LAYER.
 - THE CONTRACTOR SHALL RECEIVE APPROVAL FOR THE 6-INCH SELECT BACKFILL LAYER FROM THE COA CONSULTANT PRIOR TO BEGINNING LLDPE LINER INSTALLATION.
 - PROPOSED CONTOURS SHOWN ARE FINAL GRADE CONTOURS. LINER SYSTEM ELEVATIONS ARE MINIMUM 2.5' BELOW FINAL GRADES. THE CONTRACTOR SHALL BE PROVIDED THE FINAL GRADE ELEVATIONS IN DIGITAL FORMAT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT SUBGRADE BENEATH LINER IN ACCORDANCE WITH THE DETAILS.
 - PIPE BOOTS ARE REQUIRED FOR EACH LINER PENETRATION AT THE EXTRACTION WELLS. SEE THE EXTRACTION WELL DETAILS FOR THE REQUIREMENTS OF THE PIPE BOOT AT THE EXTRACTION WELLS.
 - RAISE THE EXISTING LFG EXTRACTION WELLS, PER THE DETAILS.
 - SEE DETAILS FOR REQUIREMENTS OF LINER EDGES 1 THROUGH 4.

DO NOT DISTURB WETLANDS A DURING CONSTRUCTION

STREAM IMPACT 55 L.F.

WETLANDS A 0.04 ACRES

TACK-ON BERM 2

RATCLIFFE COVE BRANCH

INSTALL PROTECTIVE BARRIER AROUND EXISTING ENVIRONMENTAL MONITORING WELLS, TYP. FOR ALL WELLS NEAR GRADING.

PROPOSED LINER EDGE DAYLIGHT TOE DRAINS FROM EACH DIRECTION, EACH WITH ITS OWN PIPE

INSTALL ONE ROLL (±14')-WIDTH DBL-SIDED GEOCOMPOSITE BENEATH LLDPE MEMBRANE, TYP. BEGIN ROLL 30' MIN. FROM PROPOSED LINER EDGE

TACK-ON BERM 3

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

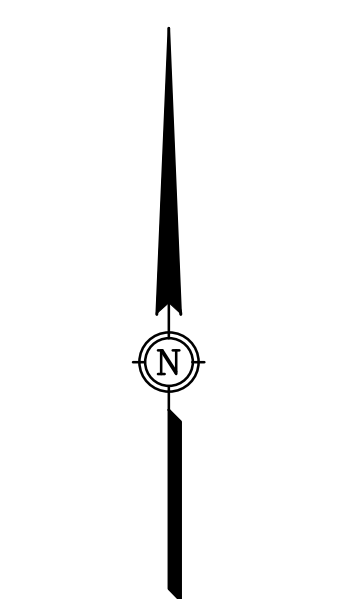
WETLANDS B 0.21 ACRES

APPROX. LIMITS OF COMPACTED FILL FOR CAP MAINTENANCE PROJECT, 2015. LIMIT DISPOSAL OF DEMOLITION MATERIALS AND POTENTIAL WASTE ENCOUNTERED TO THIS AREA. MAINTAIN MIN. 2-FOOT SEPARATION BETWEEN DISPOSED ITEMS AND SUBGRADE ELEVATION

PROPOSED LINER EDGE INSTALL NEW BARRIER CAP OVER ENTIRE AREA SEE DETAILS REGARDING WHERE TO TERMINATE CAP LINER SYSTEM

PROPOSED LINER EDGE DAYLIGHT TOE DRAIN

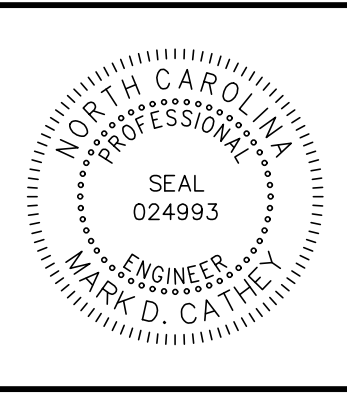
- LEGEND**
- MM-14 LANDFILL GAS MONITORING WELL
 - MW-6 GROUNDWATER MONITORING WELL
 - EW-5 LFG EXTRACTION WELL
 - EW-6 LFG EXTRACTION WELL WITH DE-WATERING PUMP PUMP TO BE REPLACED
 - EW-7 LFG EXTRACTION WELL WITH DE-WATERING PUMP PUMP NOT REPLACED
 - TERRACE/DITCH TOE DRAIN
 - - - - - PROPOSED LINER EDGE



BID DOCUMENTS

LIBRARY STREET DRAWINGS 2014/14/20708 - FELP ACAD DESIGN/SOLID WASTE DRAWINGS/CONSTRUCTION DWG(S) 14/00708 CD PLAN DECEMBER 13 2019 DWG PLOT DATE 12/23/2019 2:11 PM DAVE PASKO

55 Broad Street
Asheville, NC 28801
828.252.0575
NC Firm License # C-0459
mcgillassociates.com



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 21-58.1103(E). 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-103