

PROPOSED FENCING NOTES:

- "INNER" FENCE IS 6-FOOT CHAIN-LINK FENCE, GREEN VINYL COATING, WITH A TOP RAIL AND BOTTOM TENSION WIRE.
- "OUTER" FENCE IS 4-FOOT TALL CHAIN LINK FENCE, SIMILAR TO THE INNER FENCE

INSTALL NEW ACCESS TO LANDFILL PROPERTY WORK INCLUDES ±55 LF STREAM IMPACT SEE STREAM CROSSING PLAN AND DETAILS CROSSING INCLUDES FENCING AND GATE

WIDEN ASPHALT ROAD IN THIS AREA TO IMPROVE RADIUS TO FINAL ACCESS ROAD ON WEST SIDE OF LANDFILL INSTALL GUARDRAIL

WETLANDS A 0.04 ACRES

TEMPORARY CONSTRUCTION ACCESS TO BE GRASSED AND REMAIN IN PLACE AT THE COMPLETION OF CONSTRUCTION.

INSTALL NEW 4' WIDE GATE

LIMITS OF EXISTING ACCESS ROAD REMOVAL

PROPOSED FORCE MAIN AND ELECTRICAL CONDUITS SEE REQUIREMENTS SHEET C-104

INSTALL NEW 12' WIDE DBL-SWING GATE

EXISTING GROUNDWATER AND LFG MONITORING WELLS TO REMAIN IN SERVICE INSTALL PROTECTION PER DETAILS AND PER NOTES ON SHEET C-105 AND IN DETAILS

EXISTING ACCESS DRIVE TO BE REMOVED ONLY WHEN NEW ACCESS ON WEST SIDE OF LANDFILL IS FULLY FUNCTIONAL. INSTALL GRASSED UTILITY BENCH AFTER RESTRICTIVE COVER IS INSTALLED.

EXISTING UTILITY POLE TO BE REMOVED BY CONTRACTOR. SEE NOTE 6 THIS SHEET. TYP. OF 3 OUTSIDE LINER LIMITS.

REMOVE ALL TREES FROM AREAS TO BE GRADED SEE EROSION CONTROL PLAN FOR REQUIREMENTS PRIOR TO COMMENCING TREE REMOVAL

WETLANDS B 0.21 ACRES
PROPOSED LINER EDGE
INSTALL "OUTER" FENCE 3,200 L.F. (DOES NOT INCLUDE FENCE AT STREAM CROSSING)
INSTALL "INNER" FENCE 5,450 L.F. (DOES NOT INCLUDE FENCE AT RETAINING WALL)
LIMITS OF EXISTING ACCESS ROAD REMOVAL

INSTALL NEW 4' WIDE GATE

INSTALL NEW 12' WIDE DBL-SWING GATE

EXISTING UTILITY POLE TO BE REMOVED BY CONTRACTOR. SEE NOTE 6 THIS SHEET. TYP. OF 4 WITHIN LINER LIMITS.

INSTALL NEW 1,000 GALLON SEPTIC TANK AND NEW DUPLEX PACKAGE PUMP STATION SEE SHEET C-108 FOR ADDITIONAL REQUIREMENTS

EXISTING SEPTIC TANK TO BE REMAIN IN SERVICE DURING CONSTRUCTION, THEN ABANDONED WHEN NEW PUMP STATION BECOMES OPERATIONAL SEE SHEET C-108 FOR ADDITIONAL INFORMATION

EXISTING DRAIN FIELD TO REMAIN IN SERVICE DURING CONSTRUCTION UNTIL THE NEW PUMP STATION AND FORCE MAIN BECOME OPERATIONAL

EXISTING TANK FOR GARAGE WASHDOWN WATER TO REMAIN IN SERVICE

HAYWOOD COUNTY SCHOOLS BUS MAINTENANCE FACILITY TO REMAIN IN SERVICE DURING CONSTRUCTION

PAVE AREA IMMEDIATELY TO THE WEST OF THE MAINTENANCE BUILDING

THIS SECTION OF EXISTING ACCESS ROAD TO BE REMOVED AND NOT REPLACED. ONLY AFTER PROPOSED PAVED ACCESS ROAD ON WEST SIDE OF LANDFILL IS FULLY FUNCTIONAL.

INSTALL NEW 12' WIDE DBL-SWING GATE

NOTES:

- EXISTING LANDFILL GAS (LFG) AND LEACHATE EXTRACTION WELLS MUST BE RAISED TO ACCOMMODATE PROPOSED GRADES. NEW LFG AND LEACHATE COLLECTION PIPING IS REQUIRED.
- LFG EXTRACTION WELLS 9, 10, 12, AND 13 HAVE LEACHATE COLLECTION PUMPS THAT DO NOT PRODUCE, AND THEREFORE WILL BE CONVERTED TO LFG COLLECTION ONLY, PER THE DETAILS.
- EXISTING LFG (NOTED AS MM) AND GW MONITORING WELLS TO REMAIN. CONTRACTOR SHALL PROTECT THESE WELLS DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REPLACING A DAMAGED WELL. LFG AND LEACHATE COLLECTION SYSTEMS WILL BE SHUT DOWN DURING CONSTRUCTION. EW'S WILL BE PASSIVELY VENTED DURING THE SHUTDOWN. SEE DETAILS FOR ADDITIONAL INFORMATION PERTAINING TO THE WELLHEAD CONSTRUCTION.
- FINAL FENCING LOCATION AND GATES TO BE DETERMINED BY OWNER DURING CONSTRUCTION EXISTING UTILITY LINES ACROSS WASTE LIMITS TO BE REROUTED PRIOR TO CONSTRUCTION, BY OTHERS. HOWEVER, THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING ANY REMAINING UTILITY POLES. AT 4 LOCATIONS WITHIN LINER LIMITS, BACKFILL REMOVED UTILITY POLE WITH 2% BENTONITE MIX.

COUNTY SOLID WASTE DEPT EQUIPMENT STORAGE, TO REMAIN

INSTALL NEW 4' WIDE GATE
REMOVE EXISTING LEACHATE COLLECTION PUMP (INCLUDING DOWN-WELL PIPING) FROM EXTRACTION WELL, TYP. OF 4
REPLACE WITH LFG EXTRACTION ONLY

INSTALL CABC THIS AREA AFTER NEW ROAD IS COMPLETED, APPROX. 4" TO 18" OVER ±18,000 S.F. PROVIDE POSITIVE DRAINAGE AWAY FROM ROAD

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-10 LFG EXTRACTION WELL WITH DE-WATERING PUMP PUMP NOT REPLACED
- PROPOSED LFG COLLECTION PIPING WITH SIZE, MARKER POST AND VALVE
- PROPOSED LEACHATE COLLECTION PIPING WITH SIZE
- PROPOSED FENCING WITH GATE

INSTALL ASPHALT PAVING SEE SHEET C-108

EXISTING ACCESS TO REMAIN IN SERVICE AT ALL TIMES



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SIGNED AND DATED:		NO.		DATE		BY		DESCRIPTION	
[Signature]									

**FRANCIS FARM LANDFILL
RESTRICTIVE COVER IMPLEMENTATION
HAYWOOD COUNTY**

HAYWOOD COUNTY, NORTH CAROLINA

OFFICE MANAGER MDC	DESIGNER DAP
PROJECT MANAGER JRB	REVIEWER JRB

DATE DECEMBER 2019	PROJECT # 14.00708	FUNDING # N/A
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BID DOCUMENTS

SHEET
C-102



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