SEQUENCE OF CONSTRUCTION

1. THE CONTRACTOR SHALL PREPARE, SUBMIT, ADDRESS COMMENTS, AND RECEIVE APPROVAL ON ALL PRE-CONSTRUCTION SUBMITTALS AS DEFINED IN SPECIFICATION SECTION 01 33 00, SUBMITTALS.

2. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR CONSTRUCTION AS DEFINED IN SPECIFICATION SECTION 01 11 00, SUMMARY OF WORK.

3. PRIOR TO CLEARING TREES, INSTALLING SEDIMENT CONTROL MEASURES, OR SITE GRADING, A PRECONSTRUCTION MEETING MUST BE CONDUCTED ON-SITE WITH THE MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES (MCDPS) SEDIMENT CONTROL INSPECTOR (240) 777-0311 (48 HOURS WRITTEN NOTICE) AND THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION (M-NCPPC), PLANNING DEPARTMENT, PLANS ENFORCEMENT INSPECTOR (301) 495-4550 (48 HOURS WRITTEN NOTICE), THE OWNER, AND THE CME. IN ORDER FOR THE MEETING TO BE SCHEDULED, THE CONTRACTOR MUST PROVIDE ONE PAPER SET OF APPROVED SEDIMENT CONTROL PLANS TO THE MCDPS SEDIMENT CONTROL INSPECTOR AT THE PRECONSTRUCTION MEETING. IF NO PLANS ARE PROVIDED, THE MEETING SHALL NOT BE SCHEDULED AND MUST BE RESCHEDULED PRIOR TO COMMENCING ANY WORK.

4. AFTER COMPLETION OF THE ABOVE ITEMS AND PRIOR TO ANY SITE DISTURBANCE, THE CONTRACTOR SHALL OBTAIN WRITTEN NOTICE TO COMMENCE CONSTRUCTION FROM THE CME AS DEFINED IN SPECIFICATION SECTION 01 70 00.

5. THE PROJECT HAS SHALL BE CONSTRUCTED IN PHASES DEFINED ON THE PLANS AS REQUIRED BY THE EROSION AND SEDIMENT CONTROL REQUIREMENTS FOR GRADING UNITS. THE CONTRACTOR MAY REQUEST APPROVAL FROM THE CME TO BEGIN WORK IN A SUBSEQUENT PHASE WHEN WORK HAS BEEN COMPLETED AND THE DISTURBED GROUND STABILIZED IN MORE THAN 50 PERCENT OF THE CURRENT PHASE. IF THE CME CONCURS THAT 50 PERCENT OF THE CURRENT PHASE IS STABILIZED, THE CME WILL REQUEST THAT MCDPS INSPECT THE SITE. IF MCDPS CONCURS WITH THE REQUEST, THE CONTRACTOR WILL BE NOTIFIED IN WRITING AND CAN BEGIN WORK IN THE SUBSEQUENT PHASE. THE CONTRACTOR SHALL INCLUDE FIVE (5) WORKING DAYS IN THEIR SCHEDULE FOR EACH REVIEW.

6. ESTABLISH TEMPORARY FACILITIES ONSITE AS DEFINED IN SPECIFICATION SECTION 01 59 00. IMPLEMENT SECURITY MEASURES AS DEFINED IN SPECIFICATION SECTION 28 13 00, AND SECTION 28 23 00.

7. PHASE S-I (SUBGRADE PHASE I) 11.1 ACRES±

   A. THE PHASE LIMIT OF DISTURBANCE MUST BE FIELD SURVEYED AND STAKED PRIOR TO CLEARING OF TREES, INSTALLATION OF SEDIMENT CONTROL MEASURES, ORANGE CONSTRUCTION FENCE, CONSTRUCTION, OR OTHER LAND DISTURBING ACTIVITIES. WHERE PRESENT, PERIMETER SEDIMENT CONTROLS WILL SERVE AS THE FIELD DEMARCATION OF THE PHASE BOUNDARY. ORANGE CONSTRUCTION FENCE SHALL BE USED TO DEMARCATE THE PHASE BOUNDARY WHERE PERIMETER SEDIMENT CONTROLS ARE NOT REQUIRED.

   B. INSTALL PROTECTION FOR EXISTING GROUNDWATER MONITORING WELLS AND LANDFILL GAS MONITORING WELLS IN ACCORDANCE WITH THE MONITORING WELL PROTECTION DETAIL ON DRAWING C-503.

   C. CLEAR THE MINIMUM AREA REQUIRED FOR INSTALLATION OF SEDIMENT CONTROL DEVICES.

   D. STEPS "E" THROUGH "R" BELOW MAY BE PERFORMED CONCURRENTLY IN VARIOUS SUBAREAS WITHIN EACH PHASE PROVIDED THEY OCCUR IN THE ORDER LISTED WITHIN EACH SUBAREA.

   E. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE S-I AS SHOWN ON DRAWING C-703. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET. INTERNAL PHASE CONTROLS WILL BE INSTALLED AS THE WORK PROGRESSES WITHIN THE PHASE.

   F. CLEAR EXISTING TREES, SHRUBS, AND TALL GRASSES. THE CONTRACTOR SHALL MOW EXISTING GRASS TO A HEIGHT OF 1 INCH OR LESS. VEGETATIVE DEBRIS MUST BE DISPOSED OFFSITE.

   G. REMOVE AND STOCKPILE EXISTING COVER SOIL IN ACCORDANCE WITH THE EXISTING COVER SOIL REMOVAL DETAIL ON DRAWING C-505 AND SPECIFICATION SECTION 31 05 15.

   H. ESTABLISH CONTINGENT LEACHATE CONTROL MEASURES TO MANAGE POTENTIAL LEACHATE OUTBREAKS AT THE WASTE EXCAVATION AREA BEFORE WASTE EXCAVATION BEGINS IN ACCORDANCE WITH SPECIFICATION SECTION 02 61 13.13.

   I. PERFORM WASTE EXCAVATION AND RELOCATION IN ACCORDANCE WITH THE EXISTING WASTE RELOCATION AND SUBGRADE CONSTRUCTION DETAIL ON DRAWING C-505 AND SPECIFICATION SECTION 02 61 13.13.

   J. DEMOLISH, REMOVE, AND DISPOSE OF EXISTING STORMDRAINS, STORMDRAIN STRUCTURES, CULVERTS, AND FOUNDATIONS AS WORK PROGRESSES.

   K. MODIFY EXISTING LANDFILL GAS EXTRACTION WELLS, INSTALL NEW LANDFILL GAS EXTRACTION WELLS, INSTALL NEW WELLHEADS, ESTABLISH TEMPORARY LANDFILL GAS PIPING, AND ABANDON EXISTING LANDFILL GAS EXTRACTION WELLS AS WORK PROGRESSES IN ACCORDANCE WITH THE LANDFILL GAS SEQUENCE OF CONSTRUCTION, AS SPECIFIED ON THIS DRAWING.

   L. CONSTRUCT CLOSURE CAP SUBGRADE IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 15.

   M. WHEN PERFORMING CONSTRUCTION ACTIVITIES ON THE SIDE SLOPES, FOLLOW THE PROCEDURES AND PROGRESSION OUTLINED IN THE SIDE SLOPE EXCAVATION DETAIL ON DRAWING C-506.

   N. CONSTRUCT SWALE AT THE BASE OF THE NORTHWEST SLOPE AND NORTHWEST SLOPE DISCHARGE FACILITY AT BASE OF THE SIDE SLOPE.

   O. THE CLOSURE CAP CONSTRUCTION/FINAL GRADING MAY BE PERFORMED CONCURRENT WITH THIS PHASE. IF CLOSURE CAP CONSTRUCTION/FINAL GRADING IS PERFORMED CONCURRENT WITH THIS PHASE, AFTER CLOSURE CAP SUBGRADE HAS BEEN ESTABLISHED, SURVEY AND SUBMIT SURVEY RESULTS TO THE CME FOR SUBMISSION TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) AND COORDINATE WITH CME FOR MDE WALKTHROUGH IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 15. MDE APPROVAL IS REQUIRED BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE SEVEN (7) WORKING DAYS IN THEIR SCHEDULE FOR MDE REVIEW AND APPROVAL.

   P. IF THE CLOSURE CAP CONSTRUCTION/FINAL GRADING WILL NOT BE PERFORMED COINCIDENT WITH THIS PHASE, PROVIDE TEMPORARY STABILIZATION AT THIS TIME. THE CONTRACTOR MAY ELECT TO COMPLETE PHASES S-I, S-II, AND S-III IN THEIR ENTIRETY BEFORE BEGINNING WORK ON PHASE F-I.

   Q. VEGETATION MUST BE ESTABLISHED BEFORE THE PHASE IS CONSIDERED STABILIZED. ONCE THE VEGETATION IS ESTABLISHED AND APPROVED BY THE CME, OBTAIN WRITTEN APPROVAL FROM THE MCDPS INSPECTOR AND PROVIDE A COPY TO THE CME.

7. PHASE S-II (SUBGRADE PHASE II) 8.9 ACRES±

   A. PERFORM STEPS "A" THROUGH "S" OF PHASE S-I WITH THE FOLLOWING CHANGES:

   B. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE S-II AS SHOWN ON DRAWING C-704. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET. PHASE CONTROLS WILL BE INSTALLED AS THE WORK PROGRESSES WITHIN THE PHASE.

   P. CONSTRUCT SWALE AT THE BASE OF THE NORTHWEST SLOPE.

8. PHASE S-III (SUBGRADE PHASE III) 14.7 ACRES±

   A. PERFORM STEPS "A" THROUGH "S" OF PHASE S-I WITH THE FOLLOWING CHANGES:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE S-III AS SHOWN ON DRAWING C-705. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET. PHASE CONTROLS WILL BE INSTALLED AS THE WORK PROGRESSES WITHIN THE PHASE.

   P. CONSTRUCT SWALE AT THE BASE OF THE NORTHWEST SLOPE.

9. PHASE F-I (CLOSURE CAP CONSTRUCTION/FINAL GRADING PHASE I) 15.0 ACRES±

   A. THE PHASE LIMIT OF DISTURBANCE MUST BE FIELD-MARKED PRIOR TO INSTALLATION OF SEDIMENT CONTROL MEASURES, CONSTRUCTION, OR OTHER LAND DISTURBING ACTIVITIES. WHERE PRESENT, PERIMETER SEDIMENT CONTROLS WILL SERVE AS THE FIELD DEMARCATION OF THE PHASE BOUNDARY. ORANGE CONSTRUCTION FENCE SHALL BE USED TO DEMARCATE THE PHASE BOUNDARY WHERE PERIMETER SEDIMENT CONTROLS ARE NOT REQUIRED.

   B. INSTALL PROTECTION FOR EXISTING GROUNDWATER MONITORING WELLS AND LANDFILL GAS MONITORING WELLS IN ACCORDANCE WITH THE MONITORING WELL PROTECTION DETAIL ON DRAWING C-503.

   C. CLEAR THE MINIMUM AREA REQUIRED FOR INSTALLATION OF SEDIMENT CONTROL DEVICES.

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE F-I AS SHOWN ON DRAWING C-706. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET. INTERNAL PHASE CONTROLS WILL BE INSTALLED AS THE WORK PROGRESSES.

   E. ONCE THE SEDIMENT CONTROL DEVICES ARE INSTALLED AND APPROVED BY THE CME, OBTAIN WRITTEN APPROVAL FROM THE MCDPS INSPECTOR AND PROVIDE A COPY TO THE CME BEFORE PROCEEDING WITH ANY ADDITIONAL CLEARING, GRUBBING, OR GRADING.

   F. STEPS "G" THROUGH "R" BELOW MAY BE PERFORMED CONCURRENTLY IN VARIOUS SUBAREAS WITHIN EACH PHASE PROVIDED THEY OCCUR IN THE ORDER LISTED WITHIN EACH SUBAREA.

   G. IF CLOSURE CAP CONSTRUCTION/FINAL GRADING IS BEING PERFORMED AFTER COMPLETION OF PHASES S-I, S-II, AND S-III, CLEAR ALL TEMPORARY VEGETATION, MULCH, AND OTHER SURFACE TREATMENTS TO PREPARE SUBGRADE SURFACE FOR INSPECTION AND APPROVAL. SURVEY THE SUBGRADE AND SUBMIT SURVEY RESULTS TO THE CME FOR SUBMISSION TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) AND COORDINATE WITH CME FOR MDE WALKTHROUGH IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 15. MDE APPROVAL IS REQUIRED BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE SEVEN (7) WORKING DAYS IN THEIR SCHEDULE FOR MDE REVIEW AND APPROVAL.

   H. INSTALL GEOTEXTILE IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 19.13, GEOTEXTILES.

   I. INSTALL GEOMEMBRANE AND GEOCOMPOSITE IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 19.16 AND SECTION 31 05 19.26 OR IF SELECTED BY THE COUNTY, INSTALL THE ALTERNATE GEOSYNTHETIC CLOSURE CAP IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 19.29. PERFORM NON-DESTRUCTIVE TESTS ON THE GEOMEMBRANE LINER AND SUBMIT THE RESULTS TO THE CME FOR SUBMISSION TO MDE IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 19.16. COORDINATE WITH THE CME TO SCHEDULE AN INSPECTION WITH MDE. MDE APPROVAL IS REQUIRED BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE SEVEN (7) WORKING DAYS IN THEIR SCHEDULE FOR MDE INSPECTION AND APPROVAL.

   J. CONSTRUCT VEGETATIVE SUPPORT SOIL AND TOPSOIL IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 15, EARTHWORK.COORDINATE WITH THE CME TO SCHEDULE AN INSPECTION WITH MDE. MDE APPROVAL IS REQUIRED BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE SEVEN (7) WORKING DAYS IN THEIR SCHEDULE FOR MDE INSPECTION AND APPROVAL.

   K. CONSTRUCT LANDFILL GAS LATERAL AND HEADER PIPES IN ACCORDANCE WITH SPECIFICATION SECTION 33 51 10.

   L. CONSTRUCT ACCESS ROADS IN ACCORDANCE WITH THE DETAILS ON DRAWING C-503.

   M. REPLACE THE FENCE AT THE BASE OF THE NORTHWEST SLOPE IN ACCORDANCE WITH THE DETAIL ON DRAWING C-502.

   N. VEGETATION MUST BE ESTABLISHED BEFORE THE PHASE IS CONSIDERED STABILIZED. ONCE THE VEGETATION IS ESTABLISHED AND APPROVED BY THE CME, OBTAIN WRITTEN APPROVAL FROM THE MCDPS INSPECTOR AND PROVIDE A COPY TO THE CME.

10. PHASE F-II (FINAL GRADING PHASE II) 10.8 ACRES±

   A. PERFORM STEPS "A" THROUGH "N" OF PHASE F-I WITH THE FOLLOWING CHANGE:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE F-II AS SHOWN ON DRAWING C-707. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET. INTERNAL PHASE CONTROLS WILL BE INSTALLED AS THE WORK PROGRESSES.

11. PHASE S-IV (SUBGRADE PHASE IV) 17.9 ACRES±

   A. CONSTRUCT SEDIMENT BASIN IN ACCORDANCE WITH DRAWING C-708 AND C-513.

   B. ONCE THE SEDIMENT BASIN IS INSTALLED AND APPROVED BY THE CME, OBTAIN WRITTEN APPROVAL FROM THE MCDPS INSPECTOR AND PROVIDE A COPY TO THE CME BEFORE PROCEEDING WITH ANY ADDITIONAL CLEARING, GRUBBING, OR GRADING IN PHASE S-IV.

   C. PERFORM STEPS "A" THROUGH "S" OF PHASE S-IV WITH THE FOLLOWING CHANGES:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE S-IV AS SHOWN ON DRAWING C-708. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET. INTERNAL PHASE CONTROLS WILL BE INSTALLED AS THE WORK PROGRESSES WITHIN THE PHASE. STEPS "N", "O", AND "P" DO NOT APPLY.

   Q. IF THE CLOSURE CAP CONSTRUCTION/FINAL GRADING WILL NOT BE PERFORMED COINCIDENT WITH THIS PHASE, PROVIDE TEMPORARY STABILIZATION AT THIS TIME. THE CONTRACTOR MAY ELECT TO COMPLETE PHASES S-IV, S-V, S-VI, AND S-VII IN THEIR ENTIRETY BEFORE BEGINNING WORK ON PHASE F-II.

12. PHASE S-V (SUBGRADE PHASE V) 16.3 ACRES±

   A. PERFORM STEPS "A" THROUGH "S" OF PHASE S-I WITH THE FOLLOWING CHANGES:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE S-V AS SHOWN ON DRAWING C-709. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET. STEPS "N", "O", AND "P" DO NOT APPLY.

   Q. IF THE CLOSURE CAP CONSTRUCTION/FINAL GRADING WILL NOT BE PERFORMED COINCIDENT WITH THIS PHASE, PROVIDE TEMPORARY STABILIZATION AT THIS TIME. THE CONTRACTOR MAY ELECT TO COMPLETE PHASES S-IV, S-V, S-VI, AND S-VII IN THEIR ENTIRETY BEFORE BEGINNING WORK ON PHASE F-II.

13. PHASE S-VI (SUBGRADE PHASE VI) 13.3 ACRES±

   A. PERFORM STEPS "A" THROUGH "S" OF PHASE S-I WITH THE FOLLOWING CHANGES:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE S-VI AS SHOWN ON DRAWING C-710. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET. STEPS "N", "O", AND "P" DO NOT APPLY.

   Q. IF THE CLOSURE CAP CONSTRUCTION/FINAL GRADING WILL NOT BE PERFORMED COINCIDENT WITH THIS PHASE, PROVIDE TEMPORARY STABILIZATION AT THIS TIME. THE CONTRACTOR MAY ELECT TO COMPLETE PHASES S-IV, S-V, S-VI, AND S-VII IN THEIR ENTIRETY BEFORE BEGINNING WORK ON PHASE F-II.

14. PHASE S-VII (SUBGRADE PHASE VII) 15.2 ACRES±

   A. PERFORM STEPS "A" THROUGH "S" OF PHASE S-I WITH THE FOLLOWING CHANGES:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE S-VII AS SHOWN ON DRAWING C-711 FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET. STEPS "N", "O", AND "P" DO NOT APPLY.

   Q. IF THE CLOSURE CAP CONSTRUCTION/FINAL GRADING WILL NOT BE PERFORMED COINCIDENT WITH THIS PHASE, PROVIDE TEMPORARY STABILIZATION AT THIS TIME. THE CONTRACTOR MAY ELECT TO COMPLETE PHASES S-IV, S-V, S-VI, AND S-VII IN THEIR ENTIRETY BEFORE BEGINNING WORK ON PHASE F-II.

15. PHASE F-III (FINAL GRADING PHASE III) 20.6 ACRES±

   A. PERFORM STEPS "A" THROUGH "N" OF PHASE F-I WITH THE FOLLOWING CHANGES:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE F-III AS SHOWN ON DRAWING C-712. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET.

   G. IF CLOSURE CAP CONSTRUCTION/FINAL GRADING IS BEING PERFORMED AFTER COMPLETION OF PHASES S-IV, S-V, S-VI, AND S-VII, CLEAR ALL TEMPORARY VEGETATION, MULCH, AND OTHER SURFACE TREATMENTS TO PREPARE SUBGRADE SURFACE FOR INSPECTION AND APPROVAL. SURVEY THE SUBGRADE AND SUBMIT SURVEY RESULTS TO THE CME FOR SUBMISSION TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) AND COORDINATE WITH CME FOR MDE WALKTHROUGH IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 15. MDE APPROVAL IS REQUIRED BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE SEVEN (7) WORKING DAYS IN THEIR SCHEDULE FOR MDE REVIEW AND APPROVAL. STEP "M" DOES NOT APPLY.

16. PHASE F-IV (FINAL GRADING PHASE IV) 14.4 ACRES±

   A. PERFORM STEPS "A" THROUGH "N" OF PHASE F-I WITH THE FOLLOWING CHANGES:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE F-IV AS SHOWN ON DRAWING C-713 FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET.

   G. IF CLOSURE CAP CONSTRUCTION/FINAL GRADING IS BEING PERFORMED AFTER COMPLETION OF PHASES S-IV, S-V, S-VI, AND S-VII, CLEAR ALL TEMPORARY VEGETATION, MULCH, AND OTHER SURFACE TREATMENTS TO PREPARE SUBGRADE SURFACE FOR INSPECTION AND APPROVAL. SURVEY THE SUBGRADE AND SUBMIT SURVEY RESULTS TO THE CME FOR SUBMISSION TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) AND COORDINATE WITH CME FOR MDE WALKTHROUGH IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 15. MDE APPROVAL IS REQUIRED BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE SEVEN (7) WORKING DAYS IN THEIR SCHEDULE FOR MDE REVIEW AND APPROVAL. STEP "M" DOES NOT APPLY.

17. PHASE F-V (FINAL GRADING PHASE V) 16.8 ACRES±

   A. PERFORM STEPS "A" THROUGH "N" OF PHASE F-I WITH THE FOLLOWING CHANGES:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE F-V AS SHOWN ON DRAWING C-714. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET.

   G. IF CLOSURE CAP CONSTRUCTION/FINAL GRADING IS BEING PERFORMED AFTER COMPLETION OF PHASES S-IV, S-V, S-VI, AND S-VII, CLEAR ALL TEMPORARY VEGETATION, MULCH, AND OTHER SURFACE TREATMENTS TO PREPARE SUBGRADE SURFACE FOR INSPECTION AND APPROVAL. SURVEY THE SUBGRADE AND SUBMIT SURVEY RESULTS TO THE CME FOR SUBMISSION TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) AND COORDINATE WITH CME FOR MDE WALKTHROUGH IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 15. MDE APPROVAL IS REQUIRED BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE SEVEN (7) WORKING DAYS IN THEIR SCHEDULE FOR MDE REVIEW AND APPROVAL. STEP "M" DOES NOT APPLY.

18. PHASE F-VI (FINAL GRADING PHASE VI) 19.7 ACRES±

   A. PERFORM STEPS "A" THROUGH "N" OF PHASE F-I WITH THE FOLLOWING CHANGES:

   D. INSTALL SEDIMENT CONTROL DEVICES FOR PHASE F-VI AS SHOWN ON DRAWING C-715. FOLLOW DETAILED SEQUENCE OF CONSTRUCTION ON THAT SHEET.

   G. IF CLOSURE CAP CONSTRUCTION/FINAL GRADING IS BEING PERFORMED AFTER COMPLETION OF PHASES S-IV, S-V, S-VI, AND S-VII, CLEAR ALL TEMPORARY VEGETATION, MULCH, AND OTHER SURFACE TREATMENTS TO PREPARE SUBGRADE SURFACE FOR INSPECTION AND APPROVAL. SURVEY THE SUBGRADE AND SUBMIT SURVEY RESULTS TO THE CME FOR SUBMISSION TO THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) AND COORDINATE WITH CME FOR MDE WALKTHROUGH IN ACCORDANCE WITH SPECIFICATION SECTION 31 05 15. MDE APPROVAL IS REQUIRED BEFORE PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE SEVEN (7) WORKING DAYS IN THEIR SCHEDULE FOR MDE REVIEW AND APPROVAL. STEP "M" DOES NOT APPLY.

19. CONSTRUCT PASSIVE LAND USES IN ACCORDANCE WITH THE CONTRACT DRAWINGS.

20. SUBMIT A WRITTEN REQUEST FOR SUBSTANTIAL COMPLETION INSPECTION IN ACCORDANCE WITH SPECIFICATION SECTION 01 70 00. COMPLETE THE CLOSEOUT REQUIREMENTS IN ACCORDANCE WITH THAT SPECIFICATION.

21. AFTER THE ENTIRE SITE IS STABILIZED AND WITH APPROVAL OF THE MCDPS INSPECTOR, REMOVE SEDIMENT CONTROLS.

LANDFILL GAS COLLECTION SEQUENCE OF CONSTRUCTION

GENERAL

1. THE GAS COLLECTION SYSTEM IS TO REMAIN ACTIVE DURING THE LIFE OF THE PROJECT. LANDFILL GAS EXTRACTION WELLS MAY BE MADE TEMPORARILY INACTIVE DURING ACTIVE CONSTRUCTION BY THE CONTRACTOR IN A GIVEN PHASE.

2. PRIOR TO BEGINNING THE WORK, SUBMIT A GAS COLLECTION SYSTEM WORK PLAN TO THE CME AND OWNER FOR REVIEW AND APPROVAL FOR ALL PHASES OF THE PROJECT WHICH SHALL INCLUDE:

   2.1 DETAILED SEQUENCE OF CONSTRUCTION FOR THE LANDFILL GAS COLLECTION SYSTEM, INCLUDING ANY REVISIONS TO THE RECOMMENDED SEQUENCE OF CONSTRUCTION PROVIDED.

   2.2 METHODS TO MINIMIZE ODORS WHEN LANDFILL GAS WELLS ARE TO BE INACTIVE. THESE MAY BE SIMILAR OR THE SAME AS THOSE PROPOSED DURING WASTE EXCAVATION.

   2.3 METHODS TO PROTECT EXTRACTIONS WELLS AND TEMPORARY PIPING DURING CONSTRUCTION.

   2.4 MATERIALS FOR TEMPORARY PIPING AND CONNECTIONS.

SUBGRADE PHASES (S-I THROUGH S-VII)

1. INSTALL TEMPORARY ORANGE FENCING OR MARKERS AND SPRAY PAINT ABOVE GRADE PVC PIPE AROUND EXISTING LANDFILL GAS EXTRACTION WELLS PRIOR TO PERFORMING CLEARING AND GRUBBING ACTIVITIES (REFER TO THE SEQUENCE OF CONSTRUCTION ON DRAWING G-002).

2. UTILIZE EXISTING VALVING AND PROVIDE ADDITIONAL VALVING IF NECESSARY TO TERMINATE LANDFILL GAS FLOW AND DISCONNECT EXISTING LANDFILL GAS EXTRACTION WELLS IN THE ACTIVE SUBGRADE PHASE WHERE WORK IS BEING PERFORMED.

3. DISCONNECT EXISTING ABOVE GRADE PVC PIPE, SUPPORTS, AND STAKES AS NECESSARY TO PERFORM WORK.

4. AS WORK PROGRESSES, SHORTEN, EXTEND, OR ABANDON LANDFILL GAS EXTRACTION WELLS AS SHOWN ON DRAWINGS C-516 AND AS IDENTIFIED ON DRAWINGS C-519.

5. INSTALL BELOW GRADE LANDFILL GAS COLLECTION PIPING OUTSIDE OF THE LIMIT OF LANDFILL CAP FOR EXISTING LANDFILL GAS EXTRACTION WELLS.

6. INSTALL NEW LANDFILL GAS EXTRACTION WELLS AND CONDENSATE DRAINS PER DRAWINGS C-516, C-517 AND C-519, AND RELOCATE WASTE CUTTINGS BELOW THE CLOSURE CAP SUBGRADE.

7. INSTALL WELLHEAD ASSEMBLIES WITH CLOSED VALVES AND LOCKOUT/TAGOUT AND PROVIDE TEMPORARY SUPPORTS AS NECESSARY.

8. FOLLOWING INSTALLATION OF THE CLOSURE CAP SUBGRADE, INSTALL TEMPORARY HDPE PIPE ABOVE GRADE. TO THE MAXIMUM EXTENT ALLOWABLE, TEMPORARY HDPE IS TO BE USED IN THE FINAL INSTALLATION WITHIN THE VEGETATIVE SUPPORT SOIL.

9. ALL VALVES ARE TO REMAIN IN THE CLOSED POSITION UNTIL INSTALLATION OF TEMPORARY PIPING IS COMPLETE AND A PLANNING MEETING IS HELD WITH THE CME AND OWNER. ANY PIPE NOT ACTIVELY BEING USED FOR LANDFILL GAS COLLECTION SHALL BE TEMPORARILY CAPPED AND KEPT CLEAN OF SEDIMENT AND WATER.

10. FOLLOWING COMPLETION OF SUBGRADE PREPARATION IN AN ACTIVE PHASE, HOLD PLANNING MEETING WITH THE CME AND THE OWNER TO REVIEW RE-CONNECTION PROCEDURES OF TEMPORARY ABOVE GRADE PIPING AND LANDFILL GAS EXTRACTION WELLS. OWNER'S LANDFILL GAS CONTRACTOR SHALL ASSIST IN THE PURGING OF LATERALS/HEADERS THROUGH THE FLARE STATION. CONTRACTOR SHALL SAMPLE GAS QUALITY AND PERFORM BALANCING FOR THE TEMPORARY CONDITION WITHIN THE COMPLETED SUBGRADE PHASE. THE RE-CONNECTION AND TESTING OF THE TEMPORARY PIPING WILL REQUIRE CLOSE COORDINATION WITH THE OWNER'S LANDFILL GAS CONTRACTOR.

CAPPING PHASES (F-I THROUGH F-VI)

1. INSTALL GEOSYNTHETIC CLOSURE CAP COMPONENTS IN ACTIVE CAPPING PHASE. REFER TO DRAWINGS C-508 AND C-509.

2. INSTALL VEGETATIVE SUPPORT SOIL AND INSTALL LANDFILL GAS COLLECTION LATERALS, ISOLATION VALVES, AND HEADER PIPING WITHIN THE VEGETATIVE SUPPORT SOIL.

3. CLOSE AND DISCONNECT WELLHEADS AS NECESSARY TO FACILITATE INSTALLATION OF PERMANENT LANDFILL GAS COLLECTION PIPING AND APPURTENANCES.

4. INSTALL GRAVEL PADS AND MARKERS PER THE DETAIL ON DRAWING C-516.

5. FOLLOWING COMPLETION OF THE FINAL CLOSURE CAP IN AN ACTIVE PHASE, HOLD PLANNING MEETING WITH THE CME AND THE COUNTY TO REVIEW RE-CONNECTION PROCEDURES OF THE LANDFILL GAS COLLECTION SYSTEM. COUNTY'S LANDFILL GAS CONTRACTOR SHALL ASSIST IN THE PURGING OF LATERALS/HEADERS THROUGH THE FLARE STATION. CONTRACTOR SHALL SAMPLE GAS QUALITY AND PERFORM START-UP AND BALANCING FOR THE COMPLETED CAPPING PHASE. THE RE-CONNECTION AND TESTING OF THE LANDFILL GAS COLLECTION SYSTEM WILL REQUIRE CLOSE COORDINATION WITH THE COUNTY'S LANDFILL GAS CONTRACTOR.

ABBREVIATIONS

AC	ACRES
APPRX	APPROXIMATELY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BLDG	BUILDING
CD	CONDENSATE DRAIN
CME	CONSTRUCTION MANAGEMENT ENGINEER
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CW	CLEAR WATER
CY	CUBIC YARDS
DA	DRAINAGE AREA
DIA	DIAMETER
DOT	DEPARTMENT OF TRANSPORTATION
DTSW	DEPTH TO SOLID WASTE
DS	DEWATERING SUMP
DW	DIRTY WATER
ECP	ENVIRONMENTAL CONCEPT PLAN
ED	EARTH DIKE
EL/ELEV	ELEVATION
EPA	ENVIRONMENTAL PROTECTION AGENCY
ESD	ENVIRONMENTAL SITE DESIGN
EW	EXTRACTION WELL
EX/EXIST	EXISTING
F.	FOLIO
F-#	FINAL GRADING PHASE
FM	FORCEMAIN
FT	FEET
FT BGS	FEET BELOW GROUND SURFACE
GPS	GLOBAL POSITIONING SYSTEM
HR	HOUR
HGL	HYDRAULIC GRADE LINE
INV	INVERT
L.	LIBER
LOI	LINE OF INVESTIGATION
MH	MANHOLE
MHW	MEAN HIGH WATER
MIN	MINIMUM
M-NCPPC	MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
MSL	MEAN SEA LEVEL
N	MANNING'S ROUGHNESS COEFFICIENT
NA	NOT APPLICABLE
NAD 83	NORTH AMERICAN DATUM OF 1983
NAVD 88	NORTH AMERICAN VERICAL DATUM OF 1988
N/F	NOW OR FORMERLY
NGS	NATIONAL GEODETIC SURVEY
NO.	NUMBER
NRCS	NATURAL RESOURCE CONSERVATION SERVICE
P.	PAGE
P.B.	PLAT BOOK
POI	POINT OF INVESTIGATION
PR	PROPOSED
PSD	PIPE SLOPE DRAIN
R/W	RIGHT-OF-WAY
RCN	RUNOFF CURVE NUMBER
RCP	REINFORCED CONCRETE PIPE
RTK	REAL-TIME KINEMATIC
S-#	SUBGRADE PHASE
SC	SEDIMENT CONTROL
SCH	SCHEDULE
SD	STORM DRAIN
SM	STORMWATER MANAGEMENT
SQ FT	SQUARE FEET
SWM	STORMWATER MANAGEMENT
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TC	TIME OF CONCENTRATION
TP	TEST PIT
TRM	TURF REINFORCEMENT MATTING
TYP	TYPICAL
U.S.	UNITED STATES
USACE	U.S. ARMY CORPS OF ENGINEERS
USDA	U.S. DEPARTMENT OF AGRICULTURE
USGS	U.S. GEOLOGICAL SURVEY
W	WELL
W/	WITH
WSEL	WATER SURFACE ELEVATION
WSSC	WASHINGTON SUBURBAN SANITARY COMMISSION

GENERAL NOTES

1. TOPOGRAPHY AND EXISTING CONDITIONS ARE BASED ON AERIAL PHOTOGRAPHY AND PHOTOGRAMMETRIC MAPPING WITH SUPPLEMENTAL FIELD SURVEYED INFORMATION AND WERE PROVIDED BY WALLACE MONGTOMERY AND ASSOCIATES, JULY 2018. THE HORIZONTAL CONTROL FOR THE PROJECT IS RELATIVE TO THE NORTH AMERICAN DATUM OF 1983 AND THE VERTICAL CONTROL IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

2. UTILITY DESIGNATION AND MAPPING USING ELECTROMAGNETIC AND GROUND-PENETRATING RADAR WAS PERFORMED BY MASTER LOCATORS OF BALTIMORE IN JUNE 2018. UTILITY INFORMATION IS FOR INFORMATION ONLY. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

3. PROPERTY BOUNDARIES AND OWNER INFORMATION ARE BASED ON A DRAWING ENTITLED "GUDE LANDFILL - PROPERTY EXCHANGE WITH M-NCPPC" PREPARED BY C.C. JOHNSON & MALHOTRA, P.C., DATED 05/23/2012.

4. EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC PERFORMED A WASTE DELINEATION STUDY IN 2010 TO IDENTIFY THE EXTENT OF WASTE PLACEMENT. THE WASTE DELINEATION STUDY IS INCLUDED IN SPECIFICATION SECTION 00 31 19.

5. THE 100-YEAR FLOODPLAIN WAS OBTAINED FROM THE MONTGOMERY COUNTY PLANNING BOARD IN 2011.

6. THE LIMITS OF THE SOIL EXCAVATED DURING CONSTRUCTION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY METRO "PURPLE LINE" ARE APPROXIMATE, AND THE TOPOGRAPHY DOES NOT REFLECT THE ELEVATIONS OF STOCKPILED MATERIAL.

7. EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC PERFORMED A STORMWATER ENGINEERING EVALUATION IN 2016 TO IDENTIFY THE EXISTING STORMDRAINS AND STRUCTURES. THE STORMWATER ENGINEERING EVALUATION IS INCLUDED AS AN ATTACHMENT IN SPECIFICATION SECTION 00 31 19.

8. THE STORMDRAIN BYPASS SYSTEM INFORMATION IS FROM A PLAN BY SCS ENGINEERS IN 2008. THE PLAN IS INCLUDED AS AN ATTACHMENT IN SPECIFICATION SECTION 00 31 19.

9. GEOTECHNICAL TEST PITS WERE PERFORMED BY THE ROBERT B BALTER COMPANY IN JULY 2018 TO IDENTIFY THE THICKNESS AND PROPERTIES OF THE EXISTING COVER SOIL. TEST PIT LOCATIONS AND DEPTH TO SOLID WASTE (DTSW) ARE INDICATED ON DRAWINGS ON C-124 THROUGH C-133. THE GEOTECHNICAL EVALUATION IS INCLUDED AS AN ATTACHMENT IN SPECIFICATION SECTION 31 05 15.

10. EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC PERFORMED A LANDFILL GAS INVESTIGATION OF THE EXISTING LANDFILL GAS INFRASTRUCTURE. THE LANDFILL GAS INVESTIGATION TECHNICAL MEMO IS INCLUDED AS AN ATTACHMENT IN SPECIFICATION SECTION 00 31 19.

11. RESTORATION OR REPAIR OF ANY DAMAGE TO UTILITIES NOT SCHEDULED TO BE REMOVED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER.

12. CONTRACTOR SHALL VERIFY THE PROPOSED LAYOUT OF WORK, DIMENSIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS PRIOR TO AND DURING PROPOSED WORK. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGEMENT ENGINEER (CME) OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES NOTED BEFORE COMMENCING OR PROCEEDING WITH WORK.

13. DEVIATIONS OR CHANGES FROM THESE PLANS WILL NOT BE ALLOWED UNLESS APPROVED BY THE CME.

14. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE SITE THROUGHOUT THE PROJECT. CONTRACTOR SHALL AT ALL TIMES ADHERE TO THE CONDITIONS CONTAINED WITHIN THE PERMITS.

15. CONTRACTOR TO ADHERE TO ALL APPLICABLE OSHA REGULATIONS DURING EXCAVATION ACTIVITIES.

16. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PERMIT MODIFICATIONS THAT ARE REQUIRED AS A RESULT OF A CONTRACTOR PROPOSED CHANGE IN SEQUENCE, LIMIT OF DISTURBANCE, DESIGN, OR APPROACH TO THE PROJECT.

17. CONTRACTOR SHALL NOT BLOCK INGRESS OR EGRESS TO MONITORING WELL ACCESS ROADS.

SUMMARY OF WORK:

THE WORK IS DEFINED BY THE CONTRACT DOCUMENTS AND CONSISTS OF THE FOLLOWING GENERAL ELEMENTS:

1. INSTALLING EROSION AND SEDIMENT CONTROLS.
2. CLEARING, GRUBBING, AND STRIPPING VEGETATION FROM THE EXISTING SITE (~100 ACRES).
3. DEMOLISHING EXISTING STORM DRAINS AND DRAINAGE STRUCTURES.
4. EXISTING COVER SOIL REMOVAL AND STOCKPILING (~ XXX CUBIC YARDS).
5. ONSITE WASTE EXCAVATION AND RELOCATION OF WASTE MATERIALS WITHIN THE LANDFILL WITH LEACHATE MANAGEMENT (~220,000 CUBIC YARDS).
6. PLACEMENT OF SOIL COVER OVER THE REGRADED WASTE (~151,000 CUBIC YARDS).
7. CONSTRUCTING A GEOSYNTHETIC CLOSURE CAP (~95 ACRES)
8. CONSTRUCTING SURFACE DRAINAGE FEATURES.
9. RECONSTRUCTION OF THE ACTIVE LANDFILL GAS COLLECTION SYSTEM (~90 EXTRACTION WELLS).
10. CONSTRUCTION OF ACCESS ROADS (~15,000 FT).
11. STORMWATER MANAGEMENT CONTROLS AND IMPROVEMENTS.
12. SITE SECURITY, INCLUDING THE INSTALLATION OF VIDEO SURVEILLANCE AND REPLACEMENT OF EXISTING CHAIN-LINK FENCE AND GATES.
13. SITE STABILIZATION AND DEVELOPMENT OF PASSIVE LAND USE FEATURES.

NOTE: THE WORK WILL BE PERFORMED USING A PHASED APPROACH. THE PHASES ARE IDENTIFIED ON THE CONTRACT DRAWINGS AND CONFORM TO THE 20-ACRE GRADING UNIT RESTRICTION IMPOSED BY THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. THE PHASES ARE DEFINED UNDER THE SEQUENCE OF CONSTRUCTION AS SHOWN ON THIS SHEET.

LEGEND

DESCRIPTION	EXISTING	PROPOSED
COMM CATV UTILITY MARKING	C	C
COMM FIBER OPTIC UTILITY MARKING	FO FO	FO FO
COMM TELEPHONE UTILITY MARKING	T	T
ELECTRIC MANHOLE	E	E
ELECTRIC HANDHOLE	H	H
ELECTRIC PULL BOX	PB	PB
ELECTRIC METER	M	M
ELECTRIC VAULT	E	E
ELECTRIC LIGHT POST	#	#
ELECTRIC UTILITY POLE	#	#
ELECTRIC GUY WIRE		
ELECTRIC GUY POLE		
ELECTRIC WITNESS POST	E	E
ELECTRIC UTILITY MARKING	E	
ELECTRIC OVHD LINE	OHE	OHE OHE
ELECTRIC UGND LINE		E
LANDFILL GAS VENT	#	#
LANDFILL GAS MONITORING PROBE	#	#
LANDFILL GAS WELL	EW # W-#	#
LANDFILL CONDENSATE TRAP	CT	
LANDFILL GAS VALVE	#	#
LANDFILL MONITORING WELL	#	#
LANDFILL PIEZOMETER	#	#
LANDFILL CELL BOUNDARY		
LANDFILL GAS COLLECTION	LFG LFG	LFG LFG
LANDFILL LEACHATE LINER BOUNDARY		
LANDFILL LEACHATE COLLECTION	LCP LCP	LCP LCP
LANDFILL LIMIT OF WASTE		
NATURAL GAS MANHOLE	G	G
NATURAL GAS METER	G	G
NATURAL GAS VALVE VAULT	G	G
NATURAL GAS WITNESS POST	G	G
NAUTRAL GAS UTILITY MARKING	G	
PROPERTY BOUNDARY		
PROPERTY BOUNDARY ADJOINER		
PROPERTY EASEMENT		
PROPERTY RIGHT-OF-WAY		
PROPERTY SETBACK		
SANITARY SEWER MANHOLE	S	S
SANITARY SEWER CLEANOUT	CO	CO
SANITARY SEWER UTILITY MARKING	SS	
SANITARY SEWER UTILITY MARKING FM	FM FM	
SANITARY SEWER LINE		SS
SANITARY SEWER FORCE MAIN		FM FM
SITE CONTROL POINT	#	#
SITE BENCHMARK	BM	BM
SITE SOIL BORING/TEST PIT	SB/TP	SB/TP
SITE MONITORING WELL	MW/OB	MW/OB
SITE PERCOLATION TEST	PT	PT
SITE PIEZOMETER	PZ	PZ
SITE MANHOLE	M	
SITE SETTLEMENT PLATE		SP
SITE WATER LEVEL MARKER		
SITE FLOW ARROW		
SITE SIGN		
SITE FENCE POST		
SITE GATE POST		
SITE BOLLARD		
SITE UNKNOWN FEATURE	UNK	UNK
SITE SPOT ELEVATION	+ EL	+ EL
SITE HANDICAP PARKING SPACE		
SITE TREE	#	#
SITE CONTOUR	#	#
SITE CONCRETE		
SITE CRITICAL AREA		
SITE EDGE OF WATER		
SITE FEMA FLOODPLAIN		
SITE M-NCPPC FLOODPLAIN		
SITE FENCE	x x x x	x x x x
SITE GRADE BREAK		
SITE POND		

LEGEND

DESCRIPTION	EXISTING	PROPOSED
SITE GUARD RAIL		
SITE GRAVEL		
SITE STEEP SLOPE AREA		
SITE SOIL BOUNDARY		
SITE SOIL CLASSIFICATION	SfB HSG B	
SITE STREAM CHANNEL		
SITE TREE/BRUSH LINE		
SITE ZONING		
SITE WETLAND		
SITE WETLAND BUFFER	WB WB	
SITE WATERS OF THE U.S.	WUS WUS	
SITE LIMIT OF FIELD RUN SURVEY		
SITE UNKNOWN UTILITY LINE	UN UN	
STORM DRAIN MANHOLE	D	D
STORM DRAIN CATCH BASIN	CB	CB
STORM DRAIN HEADWALL		
STORM DRAIN FLARED END SECTION		
STORM DRAIN UTILITY MARKING	SD	
STORM DRAIN LINE		SD
TRAFFIC MANHOLE	TR	TR
TRAFFIC VAULT	TR	TR
TRAFFIC CABINET	TR	TR
TRAFFIC PEDESTAL	TR	TR
TRAFFIC SIGNAL POLE	TR	TR
TRAFFIC WITNESS POST	TR	TR
TRAFFIC UTILITY MARKING	TR TR	
TRAFFIC SIGNAL OVHD LINE	OTR OTR	OTR OTR
TRAFFIC SIGNAL UGND LINE		TR TR
WATER MANHOLE	W	W
WATER METER	W	W
WATER VALVE VAULT	W	W
WATER FIRE HYDRANT		
WATER UTILITY MARKING	W	
WATER LINE		W
PLAN NORTH ARROW		N
PLAN NUMBER CALLOUT		?
PLAN KEYNOTE CALLOUT		?
PLAN REVISION CALLOUT		#
PLAN STRUCTURE NAME/NUMBER		X #
DRAINAGE AREA LABEL		#
PLAN SECTION CUT VIEW BEGIN		?
PLAN SECTION CUT VIEW END		?'
PLAN POINT OF INVESTIGATION		
ESC LIMIT OF DISTURBANCE		LOD
ESC STABILIZED CONSTRUCTION ENTRANCE		SCE
ESC DIVERSION FENCE		DF
ESC ORANGE CONSTRUCTION FENCE		OCF
ESC SUPER SILT FENCE		SSF
ESC EARTH DIKE		
ESC CLEAR WATER DIVERSION		CWD CWD
ESC STONE CHECK DAM		CD
ESC STANDARD INLET PROTECTION		SIP
ESC REMOVABLE PUMPING STATION		RPS
ESC SUMP PIT		SP
ESC PORTABLE SEDIMENT TANK		PST
ESC FILTER BAG		FB
ESC CONCRETE WASHOUT STRUCTURE		CWS
ESC TEMPORARY GABION OUTLET STRUCTURE		TGOS
ESC TEMPORARY STONE OUTLET STRUCTURE		TSOS
ESC MOUNTABLE BERM		MB

REVISIONS

NO.	DATE	BY	DESCRIPTION

DESIGN INFORMATION

DESIGNED BY: KEF / SMB

DRAWN BY: SMB

CHECKED BY: LJO / GAT

PROJECT MANAGER: MJG

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 23402 EXPIRATION DATE: 8/25/2020

SEAL

GUDE LANDFILL REMEDIATION DESIGN
NORTHEAST MARYLAND WASTE DISPOSAL AUTHORITY
MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION

MONTGOMERY COUNTY, MARYLAND

GENERAL NOTES AND LEGEND

SC/SWM SHEET 2 OF 48

EA Engineering, Science, and Technology, Inc., PBC
Hunt Valley Center
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Hunt Valley, Maryland 21031
(410) 584-7000

DATE: JULY 2020

PROJECT NUMBER: 1564601

G-002

SHEET: 2 OF 144

90% DESIGN PLANS - NOT FOR CONSTRUCTION

FILE PATH: \\LOVETONCAD\CAD\PROJECTS\1564601 - GUDE LF DESIGN\CAD\PRODUCTION\DESIGN SET\1564601 - 00.00 - TITLE.DWG [G-002] BISSETT, STEVEN 7/2/2020 7:58 PM