

ATLANTIC COAST
CONSULTING, INC.
7 East Congress Street
Suite 801
Savannah, GA 31401
p.912-236-3471
www.atlcc.net



06930
LEVEL II CERTIFICATION

PROJECT:
WALKER MOUNTAIN
ROAD SITE 2 MSW
LANDFILL - PHASE 8
CELL CONSTRUCTION
LAND LOT 106, 107 & 110
FLOYD COUNTY, GA

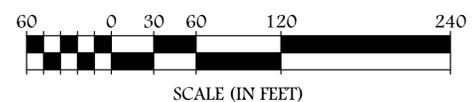


CITY OF ROME PUBLIC WORKS
DEPARTMENT
200 VAUGHN ROAD
ROME, GA 30162
(706) 236-4466

REVISIONS
A. Issued for Bidding 09/13/2019



Know what's below.
Call before you dig.



EXISTING	PROPOSED	DESCRIPTION
— EL —	— EL —	EDGE OF LINER
▲	▲	EDGE OF LINER MARKER
	[Pattern]	RIP RAP CHANNEL
	[Pattern]	TRM CHANNEL
	[Pattern]	SLOPE STABILIZATION
	[Pattern]	RIP RAP TURNAROUND
	[Pattern]	TEMP. STORMWATER DIVERSION BERM
	[Pattern]	STORMWATER COVER
	[Pattern]	ROCK TOE DRAIN

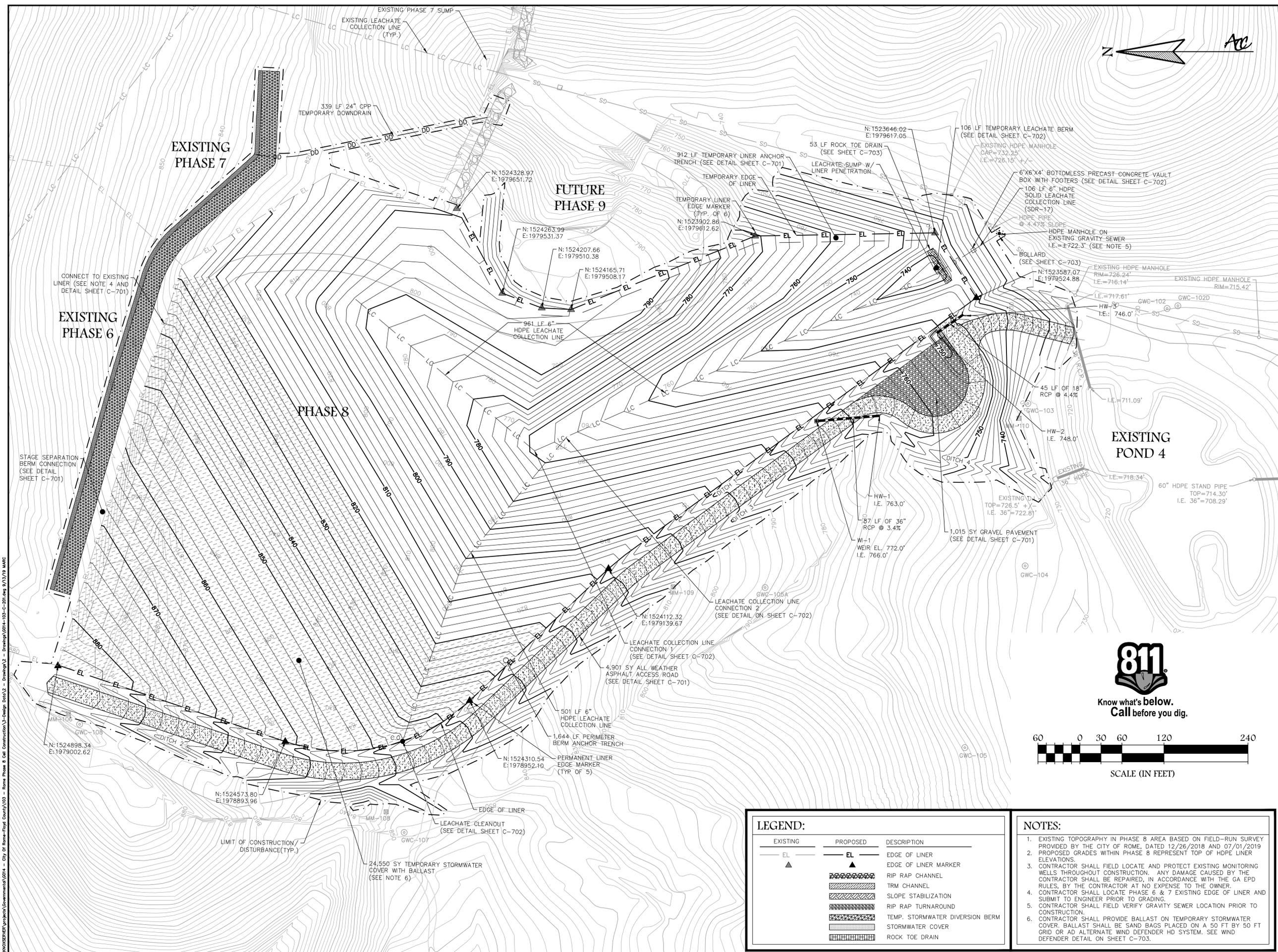
NOTES:

- EXISTING TOPOGRAPHY IN PHASE 8 AREA BASED ON FIELD-RUN SURVEY PROVIDED BY THE CITY OF ROME, DATED 12/26/2018 AND 07/01/2019.
- CONTRACTOR SHALL LOCATE AND PROTECT EXISTING MONITORING WELLS THROUGHOUT CONSTRUCTION. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED, IN ACCORDANCE WITH THE GA EPD RULES, BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
- EXISTING LINER EDGE DERIVED FROM DESIGN AND OPERATION PLANS BY JORDAN, JONES AND GOULDING DATED MAY 1995. CONTRACTOR SHALL FIELD LOCATED EXISTING LINER EDGE PRIOR TO BEGINNING CONSTRUCTION.

P:\Governmental\014 - City Of Rome-Floyd Coun\103 - Rome Phase 8 Cell Construction\Design Data\2 - Drawings\014-103-C-102.dwg 9/17/19 ROSS PROJECT

EXISTING
CONDITIONS PLAN

C-102



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PROJECT:
WALKER MOUNTAIN ROAD SITE 2 MSW LANDFILL - PHASE 8 CELL CONSTRUCTION
 LAND LOT 106, 107 & 110 FLOYD COUNTY, GA

ROME
 G·E·O·R·G·I·A

 CITY OF ROME PUBLIC WORKS DEPARTMENT
 200 VAUGHN ROAD
 ROME, GA 30162
 (706) 236-4466

REVISIONS

A. Issued for Bidding	09/13/2019

Drawn by: **RBP** Checked by: **JBT**

PROJECT NUMBER:
G014-103
 SEPTEMBER 2019

TOP OF CLAY LINER GRADING PLAN
C-201

811
 Know what's below.
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SCALE (IN FEET)

LEGEND:

EXISTING	PROPOSED	DESCRIPTION
— EL —	— EL —	EDGE OF LINER
▲	▲	EDGE OF LINER MARKER
	▨	RIP RAP CHANNEL
	▨	TRM CHANNEL
	▨	SLOPE STABILIZATION
	▨	RIP RAP TURNAROUND
	▨	TEMP. STORMWATER DIVERSION BERM
	▨	STORMWATER COVER
	▨	ROCK TOE DRAIN

- NOTES:**
- EXISTING TOPOGRAPHY IN PHASE 8 AREA BASED ON FIELD-RUN SURVEY PROVIDED BY THE CITY OF ROME, DATED 12/26/2018 AND 07/01/2019 ELEVATIONS.
 - PROPOSED GRADES WITHIN PHASE 8 REPRESENT TOP OF HDPE LINER ELEVATIONS.
 - CONTRACTOR SHALL FIELD LOCATE AND PROTECT EXISTING MONITORING WELLS THROUGHOUT CONSTRUCTION. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED, IN ACCORDANCE WITH THE GA EPD RULES, BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
 - CONTRACTOR SHALL LOCATE PHASE 6 & 7 EXISTING EDGE OF LINER AND SUBMIT TO ENGINEER PRIOR TO GRADING.
 - CONTRACTOR SHALL FIELD VERIFY GRAVITY SEWER LOCATION PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL PROVIDE BALLAST ON TEMPORARY STORMWATER COVER. BALLAST SHALL BE SAND BAGS PLACED ON A 50 FT BY 50 FT GRID OR AD ALTERNATE WIND DEFENDER HD SYSTEM. SEE WIND DEFENDER DETAIL ON SHEET C-703.

V:\WORKSPACE\Projects\Government\0214 - City of Rome-Pop. County\103 - Rome Phase 8 Cell Construction\3-Design\0214-103-C-201.dwg 9/13/19 MARS



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06990
LEVEL II CERTIFICATION

PROJECT:
WALKER MOUNTAIN
ROAD SITE 2 MSW
LANDFILL - PHASE 8
CELL CONSTRUCTION
LAND LOT 106, 107 & 110
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REVISIONS

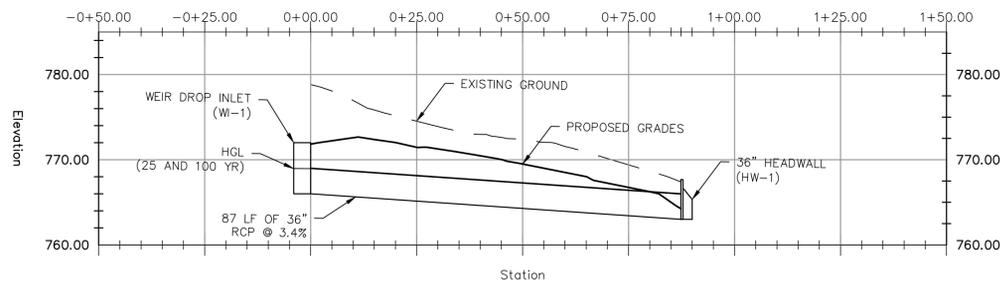
A. Issued for Bidding	09/13/2019

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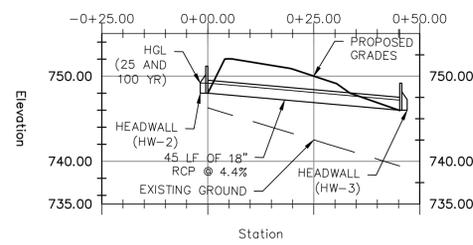
PROJECT NUMBER:
G014-103
SEPTEMBER 2019

STORM DRAIN AND
LEACHATE GRAVITY
SEWER PROFILES

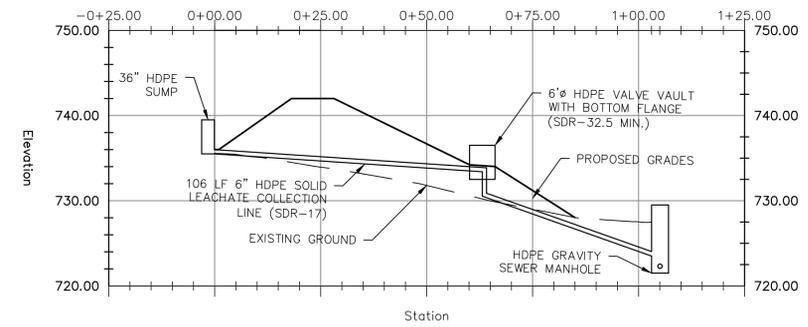
C-401



SD-1 PROFILE
SCALE: 1"=20' (HORIZONTAL)
1"=10' (VERTICAL)

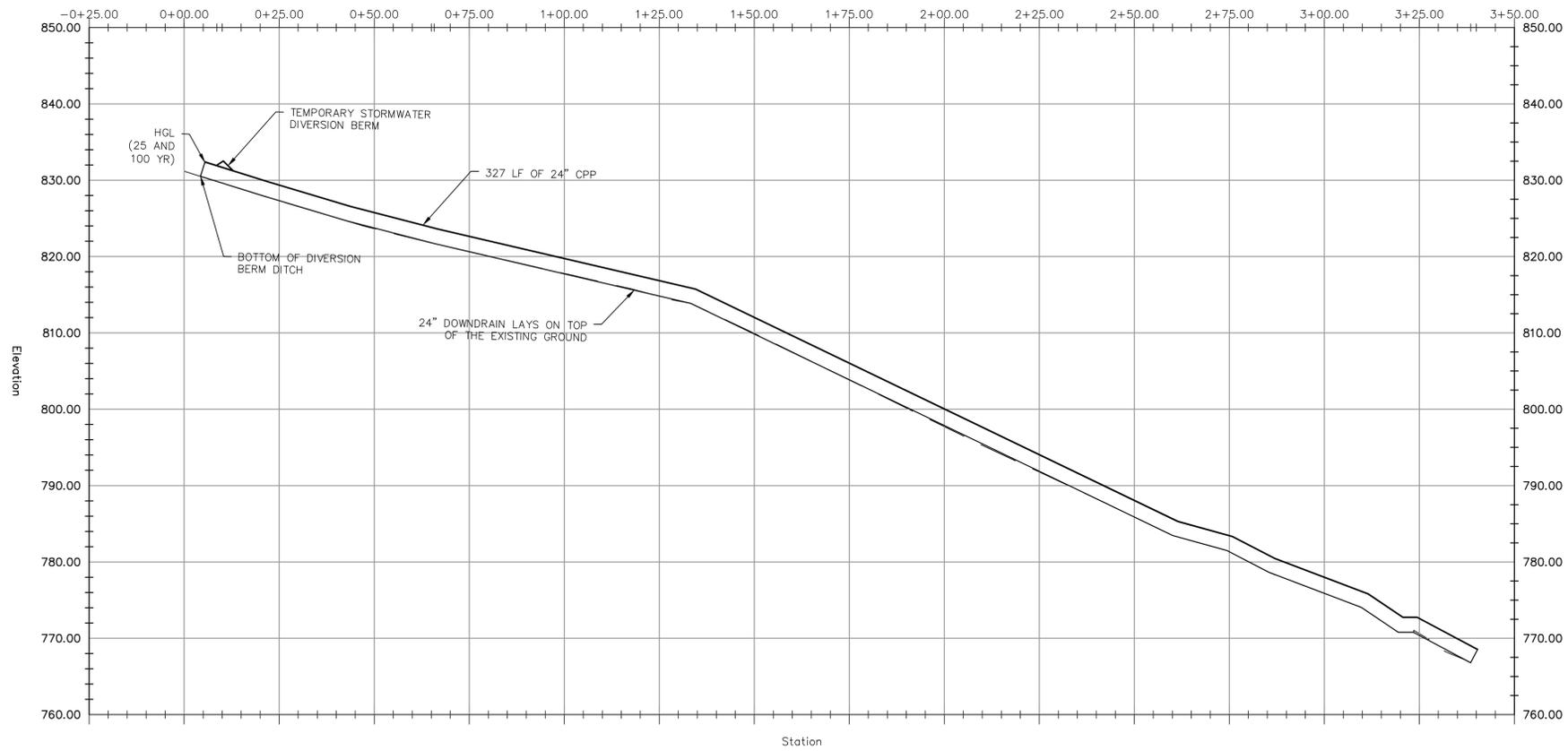


SD-2 PROFILE
SCALE: 1"=20' (HORIZONTAL)
1"=10' (VERTICAL)



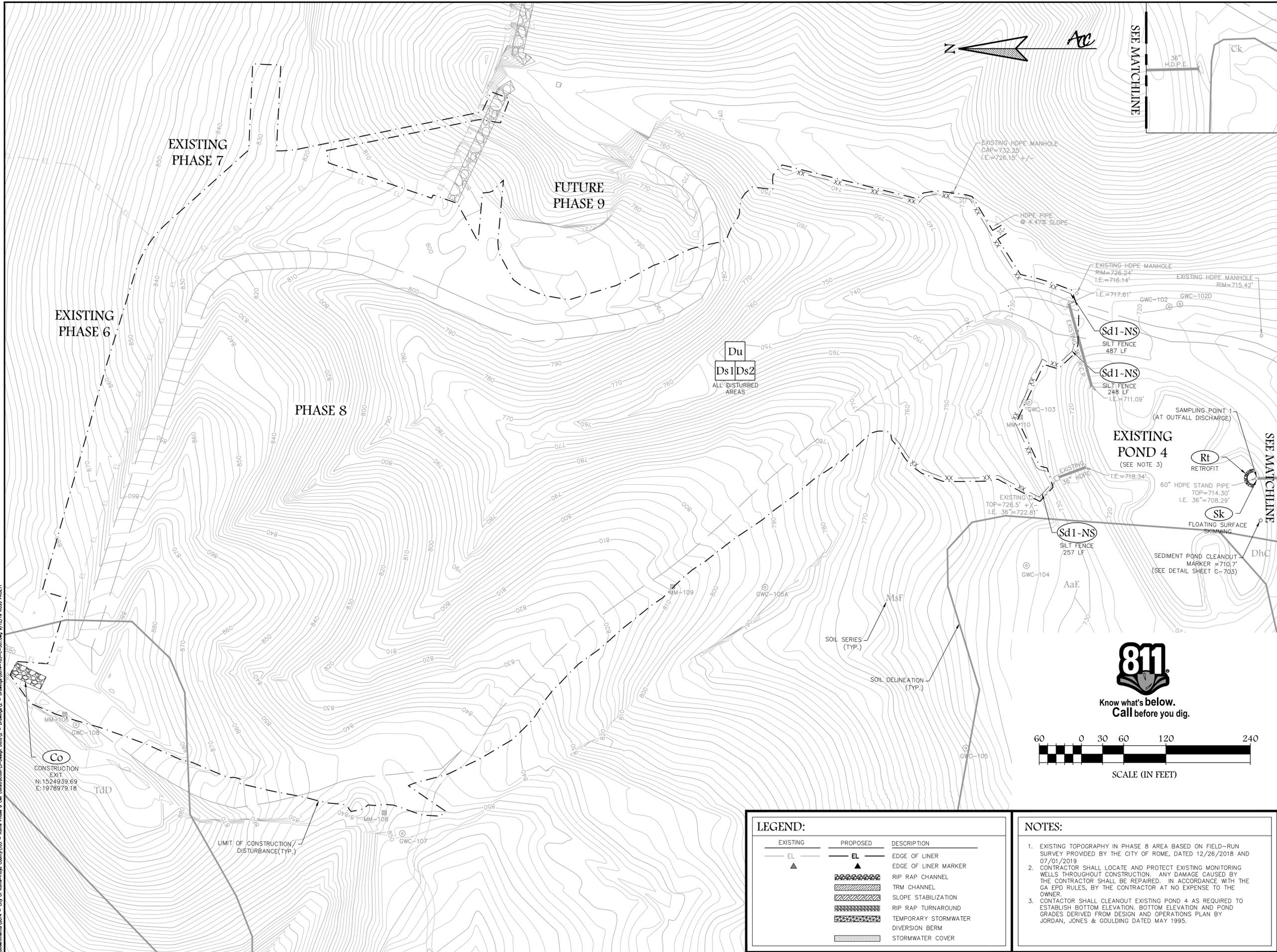
LEACHATE GRAVITY SEWER PROFILE
SCALE: 1"=20' (HORIZONTAL)
1"=10' (VERTICAL)

DOWNDRAIN PROFILE



DOWNDRAIN PROFILE
SCALE: 1"=20' (HORIZONTAL)
1"=10' (VERTICAL)

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PROJECT:
WALKER MOUNTAIN ROAD SITE 2 MSW LANDFILL - PHASE 8 CELL CONSTRUCTION
 LAND LOT 106, 107 & 110
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NO.	DESCRIPTION	DATE

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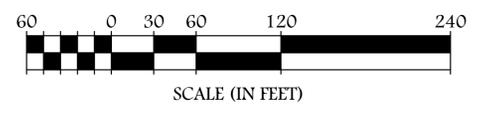
PROJECT NUMBER:
G014-103
 SEPTEMBER 2019

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN - PHASE I

C-501



Know what's below.
 Call before you dig.



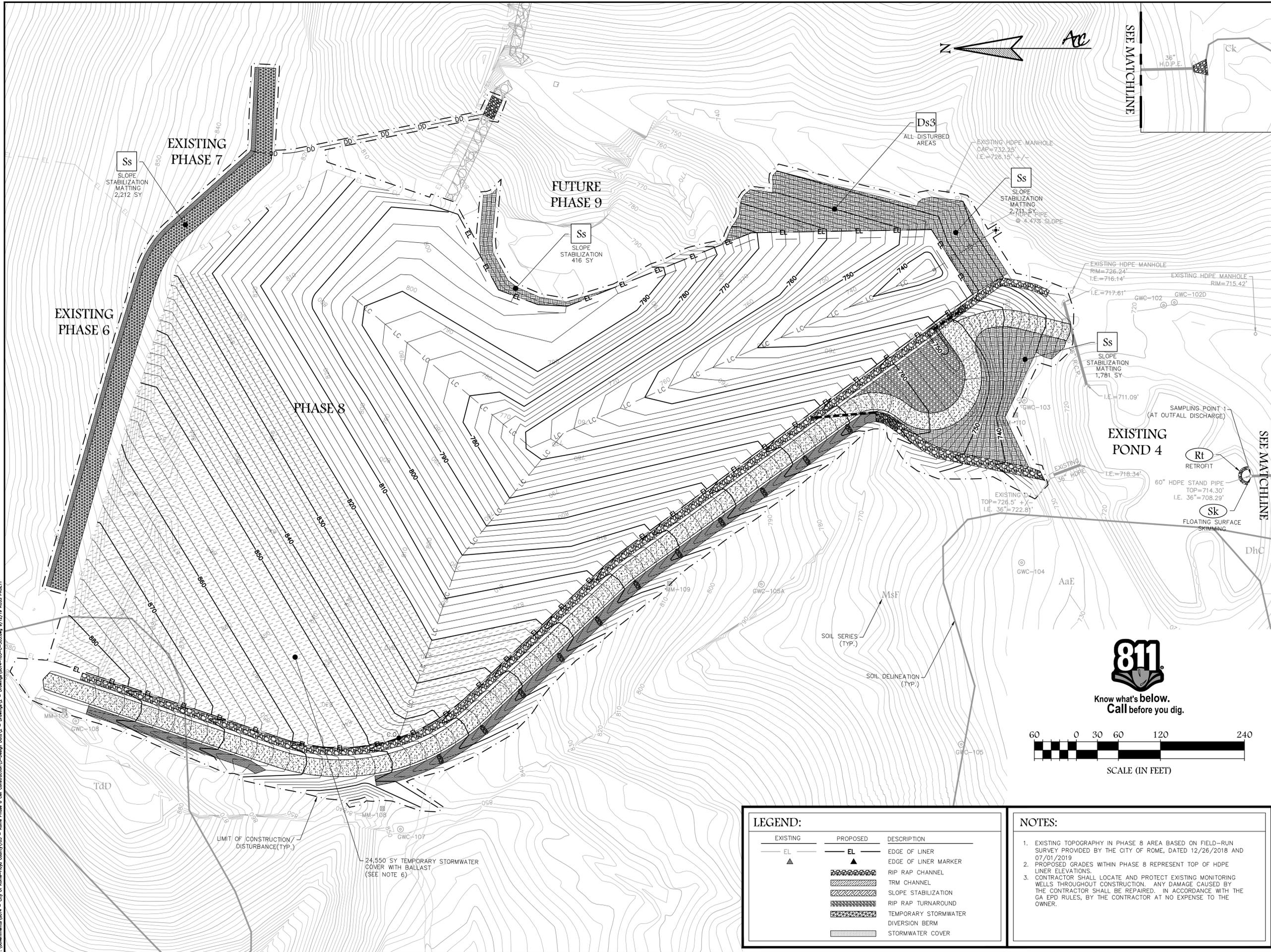
LEGEND:

EXISTING	PROPOSED	DESCRIPTION
— EL —	— EL —	EDGE OF LINER
▲	▲	EDGE OF LINER MARKER
	▨	RIP RAP CHANNEL
	▨	TRM CHANNEL
	▨	SLOPE STABILIZATION
	▨	RIP RAP TURNAROUND
	▨	TEMPORARY STORMWATER DIVERSION BERM
	▨	STORMWATER COVER

NOTES:

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- CONTRACTOR SHALL CLEANOUT EXISTING POND 4 AS REQUIRED TO ESTABLISH BOTTOM ELEVATION. BOTTOM ELEVATION AND POND GRADES DERIVED FROM DESIGN AND OPERATIONS PLAN BY JORDAN, JONES & GOULDING DATED MAY 1995.

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PROJECT:
WALKER MOUNTAIN ROAD SITE 2 MSW LANDFILL - PHASE 8 CELL CONSTRUCTION
 LAND LOT 106, 107 & 110
 FLOYD COUNTY, GA



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NO.	DESCRIPTION	DATE

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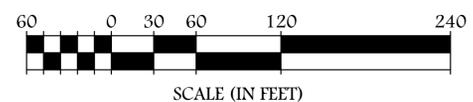
PROJECT NUMBER:
G014-103
 SEPTEMBER 2019

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN - PHASE III

C-503



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LEGEND:

EXISTING	PROPOSED	DESCRIPTION
— EL —	— EL —	EDGE OF LINER
▲	▲	EDGE OF LINER MARKER
	▨	RIP RAP CHANNEL
	▨	TRM CHANNEL
	▨	SLOPE STABILIZATION
	▨	RIP RAP TURNAROUND
	▨	TEMPORARY STORMWATER DIVERSION BERM
	▨	STORMWATER COVER

NOTES:

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CLEARING - PHASE I - EROSION CONTROL NOTES

- 1. PRIOR TO THE LAND DISTURBING CONSTRUCTION, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA EROSION CONTROL INSPECTOR.
2. THE CONTRACTOR SHALL OBSERVE THE PROJECT SEQUENCE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO INSURE THAT LAND STRIPPED OF ITS NATURAL COVER IS EXPOSED ONLY IN SMALL QUANTITIES.
3. THE OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.
4. NO STAGING AREAS, MATERIAL STORAGE OR CONCRETE WASH OUT AREAS SHALL BE LOCATED WITHIN 50 FEET OF DESIGNATED TREE PROTECTION AREAS WITHOUT PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER.
5. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.
6. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES.
7. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITY SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
8. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO, OR EXIT FROM, THE SITE OR ONTO ANY PUBLIC ROADWAY.
9. THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.
A. THE CONSTRUCTION EXIT, CONSISTING OF A MINIMUM PAD SIZE OF 20 FEET BY 50 FEET WITH A MINIMUM OF 6" THICK STONE, SHALL BE PLACED AS SHOWN ON THE PLAN. THE STONE SIZE SHOULD CONSIST OF COURSE AGGREGATE BETWEEN 1" AND 3/4" IN DIAMETER AND OVERLAIN ON A GEOTEXTILE UNDERLAYER. THE GEOTEXTILE UNDERLAYER SHALL MEET THE REQUIREMENTS OF AASHTO M289-06, SECTION 7.3 SEPARATION REQUIREMENTS.
B. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXITS, ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING-PHASE I-EROSION CONTROL PLAN.
C. TYPE "NS" SILT FENCE SHOULD BE INSTALLED AT THE PERIMETER OF THE DISTURBED AREA AS SHOWN ON THE PLAN. THE SILT FENCE SHOULD MEET THE REQUIREMENTS OF SECTION 171-TYPE NS TEMPORARY SILT FENCE OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 1993 EDITION AND BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL IN GEORGIA, TABLE 6-27.1. THE SILT FENCE SHOULD BE KEPT ERECT AT ALL TIMES AND REPAIRED WHEN REQUESTED BY THE SITE INSPECTOR OR THE PROJECT DESIGN PROFESSIONAL OF RECORD. SILT SHOULD BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF HEIGHT OF THE BARRIER. THE PERIMETER SILT FENCE SHOULD BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.
D. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN ON THE PLAN. SEE SEPARATE DETAILS FOR SPECIFICS ON TYPE OF INLET PROTECTION SPECIFIED.
E. HAY BALE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN.
F. TREE PROTECTION FENCING SHOULD BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBANCE ACTIVITY AND MAINTAINED UNTIL FINAL LANDSCAPE IS INSTALLED. THE TREE PROTECTION FENCING SHOULD BE INSPECTED DAILY. ANY FAILURES OF SAID FENCING SHOULD BE REPAIRED IMMEDIATELY.
10. AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES, THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER ROAD BMP'S. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT ADDITIONAL EROSION CONTROL MEASURES, THE CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE PROJECT PROFESSIONAL DURING THE SITE INSPECTION. AFTER INSPECTION OF INITIAL EROSION CONTROL INSTALLATION AND IMPLEMENTATION OF ANY NOTED ISSUES THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES.
11. AFTER APPROVAL OF THE INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES. AS CLEARING PERMITS, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT PONDS AND DIVERSION DIKES AS SHOWN ON THE CLEARING PHASE PLAN TO CONTROL EROSION AND STORM WATER RUN-OFF.

GRADING - PHASE II - EROSION CONTROL NOTES

- 1. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES AND THEREFORE LIMITED DURATIONS, BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED. NOTE SUB-PHASES SHOWN ON PLANS.
2. EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR SLOUGHING INTO THE BUFFER AREAS.
3. THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE PRELIMINARY GRADING PHASE OF CONSTRUCTION:
A. SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.
B. EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.
C. TYPE "S" SILT FENCE SHOULD BE INSTALLED AT THE TOE OF ALL FILL SLOPES 10 FEET OR GREATER IN HEIGHT. THE SILT FENCE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL IN GEORGIA, TABLE 6-27.2. THE SILT FENCE SHALL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED ON THE SLOPE. SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF HEIGHT OF THE BARRIER. ADDITIONALLY, DIVERSION DIKES SHALL BE CONSTRUCTED ALONG THE TOP OF ALL SAID FILL SLOPES WITH THE USE OF TEMPORARY DOWN DRAINS TO CONTROL STORM WATER RUN OFF AS SHOWN ON THE PLANS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING BARRIERS AT THE TOE OF SLOPES UNDER CONSTRUCTION. THESE BARRIERS MAY BE RELOCATED AND REUSED AFTER PERMANENT SLOPE STABILIZATION BECOMES FULLY ESTABLISHED. AS THEY ARE RELOCATED, ANY DEFECTIVE MATERIALS IN THE BARRIER SHALL BE REPLACED. IN ADDITION, ALL DEBRIS AND SILT AT THE PREVIOUS LOCATION SHALL BE REMOVED.
E. CUT AND FILL SLOPES ARE NOT TO EXCEED 2H:1V.
F. ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT OF TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING OR BLANKETS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
G. TYPE "S" SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
H. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL STORM STRUCTURES AS THEY ARE CONSTRUCTED. SEE PLAN VIEW FOR SPECIFIC TYPE AND SEPARATE DETAILS FOR ADDITIONAL INFORMATION ON TYPE OF INLET PROTECTION SPECIFIED.

FINAL - PHASE III - EROSION CONTROL NOTES

- THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE FINAL EROSION CONTROL PHASE OF CONSTRUCTION:
1. SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.
2. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
3. THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENT PONDS AND EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE PONDS WHEN IT REACHES THE HALF-WAY POINT ON THE RISER.
4. ALL ROADWAY AND PARKING SHOULDERS SHOULD BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED BEHIND CURBS.
5. SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE-HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

- 12. THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.
13. NO BURN OR BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE.
14. ADDITIONAL SILT BARRIERS MUST BE PLACED AS SHOWN ON THE PLAN AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION AND SEDIMENT PONDS ARE CONSTRUCTED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
15. ALL SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 2013 EDITION.
16. ALL ITEMS IN THIS SECTION OF THE SPECIFICATIONS SHALL MEET THE REQUIREMENTS AS SET FORTH IN SECTION 161, 162, 163, AND 164 OF THE GEORGIA D.O.T. STANDARD SPECIFICATIONS, FOR ROADS AND BRIDGES.
17. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
18. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CHECKED DAILY AND AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE-HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
19. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
20. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE, THE CONTRACTOR SHALL NOT DEPOSIT ANY BUILDING OR OTHER EXCAVATION SPOIL DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC. IN THE DRAINAGE COURSE OR ASSOCIATED FLOOD PLAIN.
21. GRADING EQUIPMENT MUST CROSS FLOWING STREAMS BY THE MEANS OF BRIDGING OR CULVERTS, EXCEPT WHEN SUCH METHODS ARE NOT FEASIBLE; ALL STREAM CROSSINGS WILL BE PERFORMED IN ACCORDANCE WITH THE LATEST VERSION OF THE "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA."
22. DISPOSE OF WASTE SOILS AND CLEARED AND GRUBBED MATERIALS OFF-SITE AT A LOCATION SECURED BY THE CONTRACTOR, AND IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
23. CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
24. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AS DIRECTED BY THE ON SITE INSPECTOR OR THE DESIGN PROFESSIONAL.
25. FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.
26. IF FINES OR PENALTIES ARE LEVIED AGAINST THE PROPERTY OR THE PROPERTY OWNER BECAUSE OF A LACK OF EROSION OR SEDIMENTATION CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF SUCH FINES OR PENALTIES, OR THE COST OF SUCH FINES OR PENALTIES SHALL BE DEDUCTED FROM THE CONTRACT AMOUNT.
27. AMENDMENTS/REVISIONS TO THE ES & PC PLAN WHICH HAVE SIGNIFICANT EFFECT ON BMP'S WITH HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

- I. STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS CONSTRUCTED. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
J. ALL DRAINAGE SWALES SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.
K. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
L. SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
M. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
N. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE, THE CONTRACTOR SHALL NOT DEPOSIT ANY BUILDING OR OTHER EXCAVATION SPILL DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC. IN THE DRAINAGE COURSE OR ASSOCIATED FLOOD PLAIN.
O. GRADING EQUIPMENT MUST CROSS FLOWING STREAMS BY THE MEANS OF BRIDGING OR CULVERTS, EXCEPT WHEN SUCH METHODS ARE NOT FEASIBLE; ALL STREAM CROSSINGS WILL BE PERFORMED IN ACCORDANCE WITH THE LATEST REVISION OF THE "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA."
P. DISCHARGE OF STORMWATER RUN-OFF FROM DISTURBED AREAS TO A STREAM SHALL BE CONTROLLED TO THE EXTENT THAT TURBIDITY OF THE STREAM DOWNSTREAM FROM THE DISCHARGE SHALL NOT EXCEED 25 NEPHELOMETRIC TURBIDITY UNITS HIGHER THAN THE TURBIDITY LEVEL OF THE RECEIVING STREAM IMMEDIATELY UPSTREAM FROM THE STORMWATER RUN-OFF DISCHARGE AT THE TIME OF SUCH DISCHARGE.
Q. DISPOSE OF WASTE SOILS AND CLEARED AND GRUBBED MATERIALS OFF-SITE AT A LOCATION SECURED BY THE CONTRACTOR, AND IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
R. CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
S. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AS DIRECTED BY THE ONSITE INSPECTOR OR THE DESIGN PROFESSIONAL.
T. FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.
U. AFTER CURBING, GRADED AGGREGATE BASE, AND PAVEMENT HAS BEEN INSTALLED, ALL INLET SEDIMENT TRAPS ON SINGLE AND DOUBLE WING CATCH BASINS ALONG WITH ANY CURB INLETS SHALL BE REMOVED AND REPLACED WITH CURB FILTER INLET PROTECTION. SEE SEPARATE DETAIL FOR ADDITIONAL INFORMATION.

- 6. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
7. CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
8. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AS DIRECTED BY THE ONSITE INSPECTOR OR THE DESIGN PROFESSIONAL.
9. FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.
10. UPON COMPLETION OF THE PROJECT AND RECEIPT OF CERTIFICATE OF OCCUPANCY, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF THEM UNLESS NOTED ON PLANS.

WETLANDS:

THERE ARE WETLANDS ON SITE. NO WETLANDS ARE IMPACTED BY CONSTRUCTION.

SLOPES AFTER GRADING:

AVERAGE POST CONSTRUCTION SLOPE OF THE DISTURBED AREA IS APPROXIMATELY 20% OR LESS WITH SIDE SLOPES AT 3:1 OR LESS WHERE ROAD SHOULDERS TIE TO EXISTING GRADE.

SITE DESCRIPTION:

TOTAL SITE AREA - 917.4 AC.
TOTAL AREA OF DISTURBANCE - 19.5 AC.

SEDIMENT STORAGE

A MINIMUM OF 67 CUBIC YARDS OF SEDIMENT STORAGE PER ACRE DRAINED IS REQUIRED. SEDIMENT STORAGE VOLUME MUST BE IN PLACE PRIOR TO AND DURING ALL LAND DISTURBANCE ACTIVITIES UNTIL FINAL STABILIZATION OF THE SITE HAS BEEN ACHIEVED. SEDIMENT STORAGE REQUIRED FOR THIS SITE:
19.5 AC * (67CY/AC) = 1307 CY STORAGE TO BE PROVIDED
SEDIMENT STORAGE PROVIDED BY DESIGN: POND 4
TOTAL PROVIDED = 9,570 CY

DEVELOPMENT REFERENCE:

OPERATOR: AARON CARROLL
OWNER NAME: CITY OF ROME PUBLIC WORKS DEPARTMENT
OWNER ADDRESS: P.O. BOX 1435
CITY, STATE: ROME, GEORGIA 30162
OWNER PHONE NO.: 706-378-3846

EMERGENCY 24-HOUR CONTACT:
NAME: AARON CARROLL
PHONE NUMBER: 706-252-5118

PROJECT DESCRIPTION:

- 1. THE SITE IS CURRENTLY BEING USED AS AN ACTIVE MUNICIPAL SOLID WASTE LANDFILL. THE PROJECT CONSISTS OF CONSTRUCTING PHASE 8 OF THE LANDFILL.
2. THERE ARE NO STATE WATERS WITHIN 200 FEET OF THE PROPERTY

RECEIVING WATERS:

STORM WATER RUNOFF FROM THE PROJECT SITE IS CONVEYED TO EXISTING SEDIMENT POND 4, WHICH OUTFALLS TO AN UNNAMED TRIBUTARY OF THE COOSA RIVER.

BASED UPON THE LATEST VERSION OF GEORGIA'S 305(b)/303(d) LIST THIS SITE DOES DISCHARGE INTO THE SAME WATERSHED, BUT NOT WITHIN ONE (1) LINEAR MILE OF ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT.

PURPOSE OF LAND DISTURBANCE:

THE PURPOSE OF THIS LAND DISTURBANCE IS TO CONSTRUCT PHASE 8 OF THE WALKER MOUNTAIN ROAD SITE 2 MSW LANDFILL.

CONSTRUCTION NOTES:

- 1. ANTICIPATED CONSTRUCTION START AND COMPLETION DATES - 9/2019 AND 3/2020.
2. CONSTRUCTION STAGING AREAS, SITE ACCESS AND LIMITS OF CONSTRUCTION SHALL BE COORDINATED WITH ANY SECONDARY OR TERTIARY PERMITEE'S.

RUNOFF CURVE NUMBERS:

DISTURBED AREA PRE CONSTRUCTION - CN = 77
DISTURBED AREA POST CONSTRUCTION - CN = 80

DRAINAGE DESCRIPTION:

THE SITE DRAINAGE CONSISTS OF HILLY TERRAIN WITH SLOPES RANGING FROM 2-33%. THE EXISTING STORM WATER RUNOFF IS TRANSMITTED TO COOSA RIVER VIA SWALES, DITCHES, PIPING, AND SEDIMENTATION PONDS. THE POINT SOURCE IS LOCATED AT THE OUTFALL OF SEDIMENT POND 4.

ENGINEER

CIVIL ENGINEER:
ATLANTIC COAST CONSULTING, INC.
7 EAST CONGRESS ST.
SAVANNAH, GA 31401
(912) 236-3471

OPERATOR

CONTRACTOR
TBD

GENERAL NOTES

- 1. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
2. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
3. ANY DISTURBED AREA LEFT IDLE FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH AND TEMPORARY SEEDING.
4. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN, AND REPAIRED AS NECESSARY.
5. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY BY ON-SITE INSPECTION.
6. SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171 - TYPE "NS" TEMPORARY SILT FENCE, OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (QUALIFIED PRODUCTS LIST #36).

SOIL TYPES:

AOe: (ALLEN FINE SANDY LOAM) - 15 TO 25 PERCENT SLOPES, WELL DRAINED
DhC: (DEWEY SILT LOAM) - 2 TO 10 PERCENT SLOPES, WELL DRAINED
Msf: (MONTEVALLO VERY SHALY SILT LOAM) - 15 TO 45 PERCENT SLOPE, WELL DRAINED
Tgd: (TIDINGS GRAVELLY SILT LOAM) - 10 TO 25 PERCENT SLOPES, WELL DRAINED

SURVEY NOTES:

THIS SITE IS LOCATED IN FLOYD COUNTY, GEORGIA. EXISTING INFORMATION SHOWN ON THESE DRAWINGS IS TAKEN FROM THE FOLLOWING SOURCES:
1. FIELD SURVEY BY ROME, GEORGIA DATED 12/26/18 AND 07/01/19.
2. SOILS DELINEATION INFORMATION FROM NRCS SOIL DATA MART FOR FLOYD COUNTY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND BETWEEN SURVEY DATA AND ACTUAL FIELD CONDITIONS.

EROSION CONTROL CERTIFICATION

"I CERTIFY THAT THE PERMITEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH LAND DISTURBING ACTIVITY WAS PERMITTED. THE PLAN PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001."

"I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."

DESIGN PROFESSIONAL: MARC LIVERMAN, P.E. LEVEL II CERTIFICATION NUMBER 06930

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

OWNER: AARON CARROLL

THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.



ATLANTIC COAST CONSULTING, INC.
7 East Congress Street
Suite 801
Savannah, GA 31401
p.912-236-3471
www.atlcc.net



06930
LEVEL II CERTIFICATION

PROJECT:

WALKER MOUNTAIN ROAD SITE 2 MSW LANDFILL - PHASE 8 CELL CONSTRUCTION

LAND LOT 106, 107 & 110
FLOYD COUNTY, GA



CITY OF ROME PUBLIC WORKS DEPARTMENT
200 VAUGHN ROAD
ROME, GA 30162
(706) 236-4466

REVISIONS

A. Issued for Bidding 09/13/2019

Drawn by: RBP Checked by: JET

PROJECT NUMBER:

G014-103

SEPTEMBER 2019

EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES

C-601

