

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

GEORGIA REGISTERED PROFESSIONAL ENGINEER
 A. LIVERMAN
 9/15/19
 06930
 LEVEL II CERTIFICATION

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

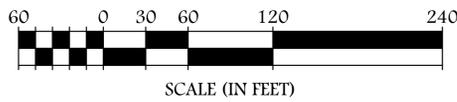
REVISIONS

A. Issued for Bidding	09/13/2019
B. Addendum	10/04/2019

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

PROJECT NUMBER:
G014-103
 SEPTEMBER 2019

TOP OF CLAY LINER GRADING PLAN
C-201



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
 - 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 AND SURVEY PHASE 6 & 7 EXISTING EDGE OF LINER. LINER ELEVATIONS SHALL BE SUBMITTED TO ENGINEER PRIOR TO BEGINNING SUBGRADE PREPARATION.
 - 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.

P:\Governmental\G014-City of Rome-Royal County\103-Phase 8 Cell Construction\Drawings\G014-103-C-201.dwg 10/27/19 MJC



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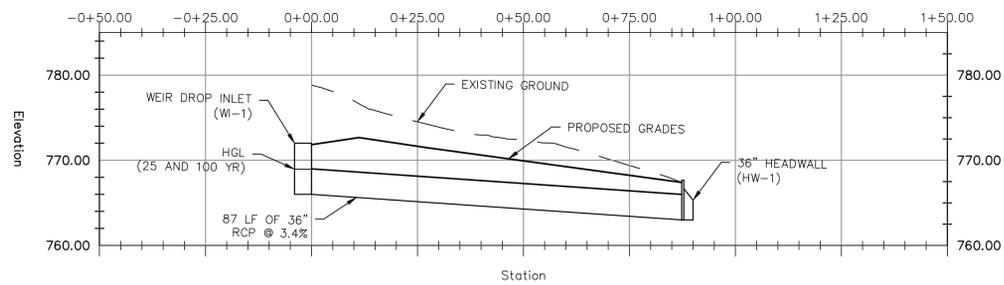
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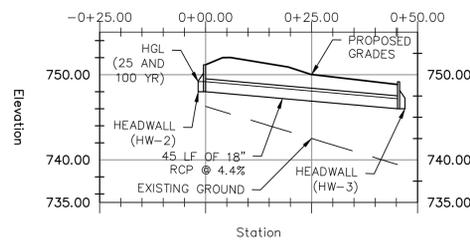
STORM DRAIN AND LEACHATE GRAVITY SEWER PROFILES

C-401



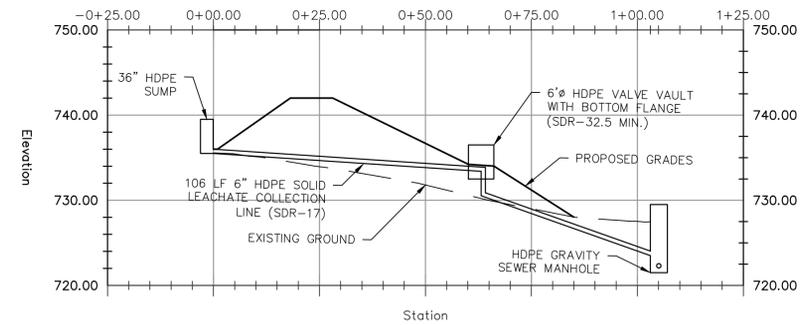
SD-1 PROFILE

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



SD-2 PROFILE

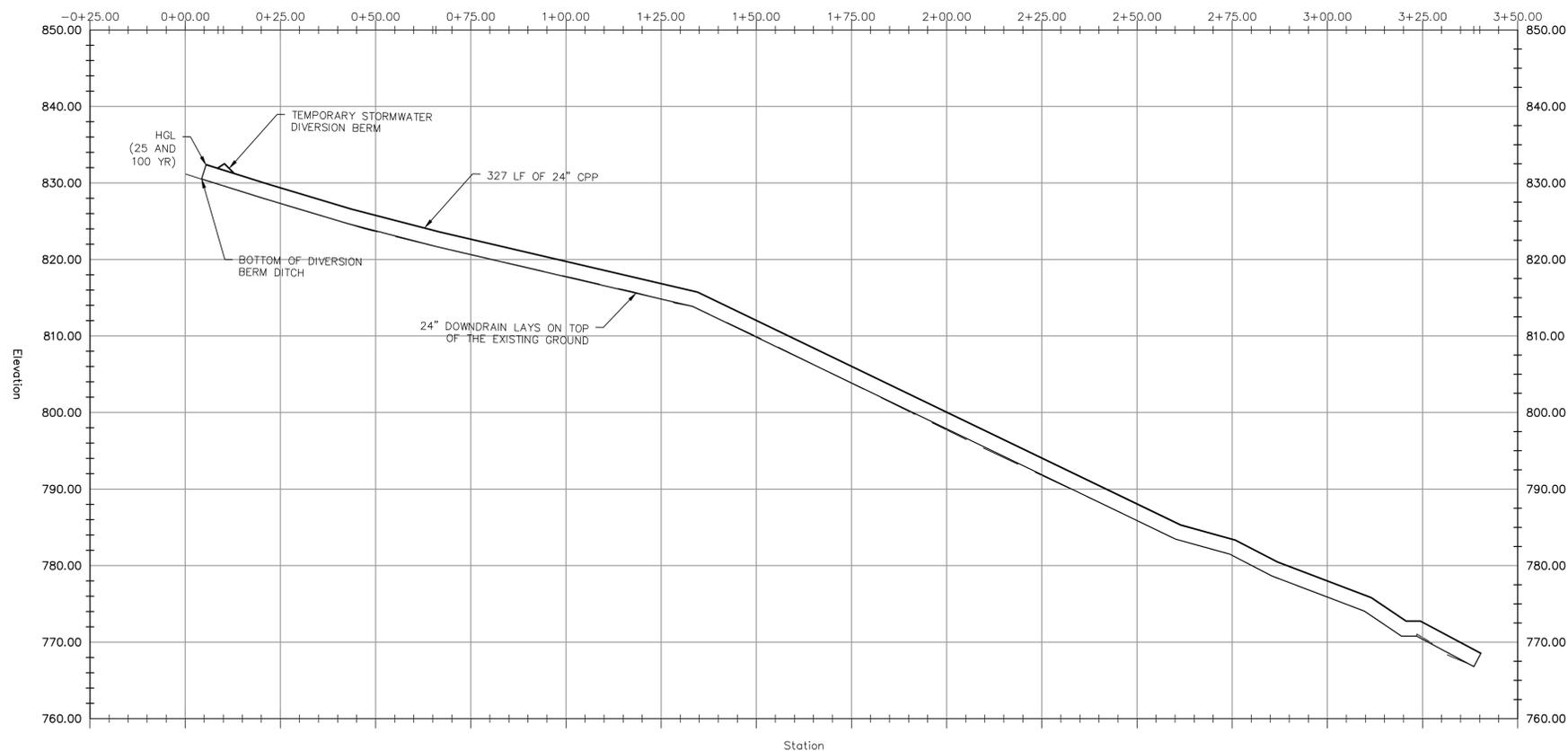
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 1"=10' (VERTICAL)



LEACHATE GRAVITY SEWER PROFILE

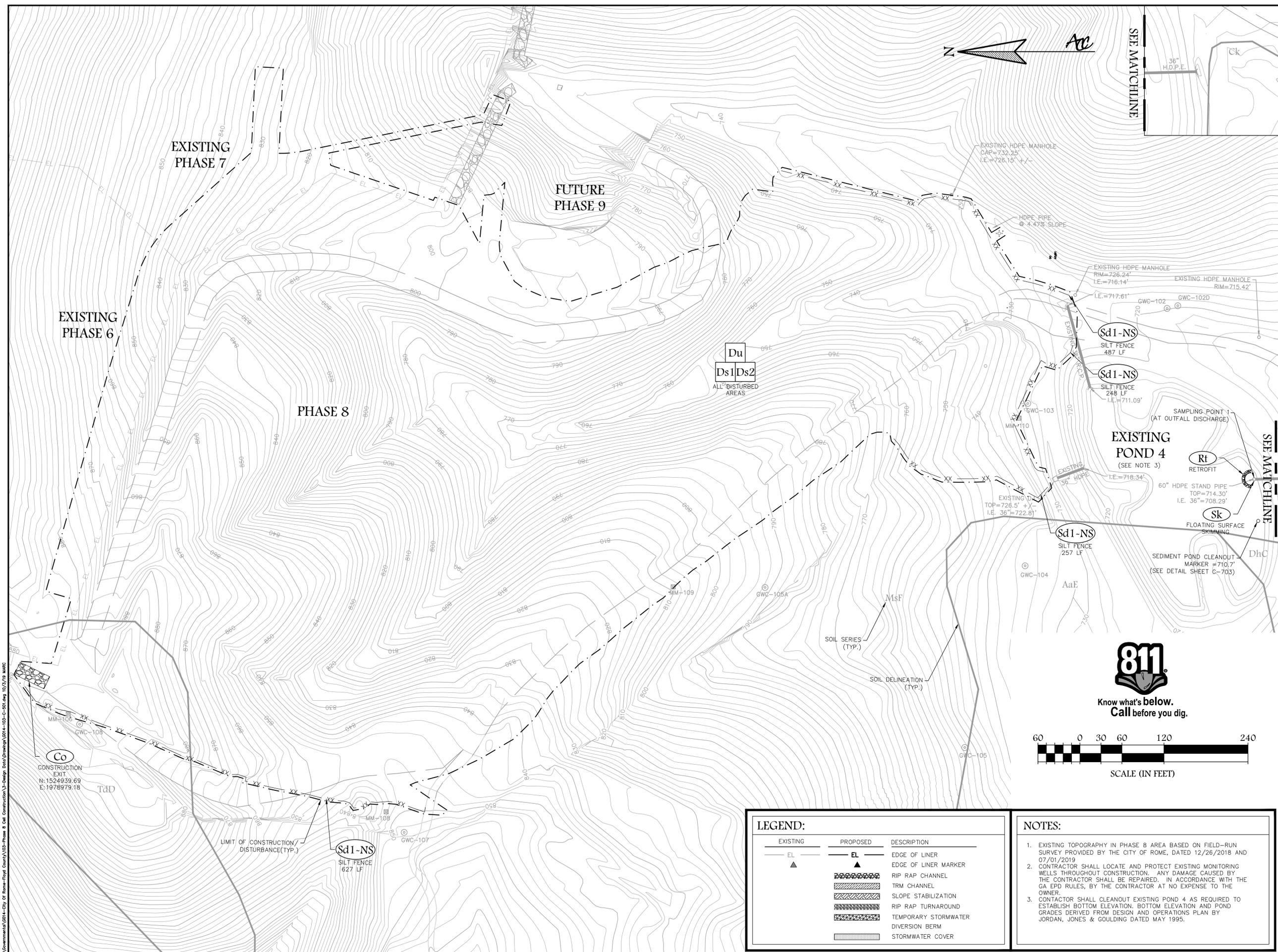
SCALE: 1"=20' (HORIZONTAL)
 1"=10' (VERTICAL)

DOWNDRAIN PROFILE



DOWNDRAIN PROFILE

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



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G014-103
 SEPTEMBER 2019

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN - PHASE I
C-501

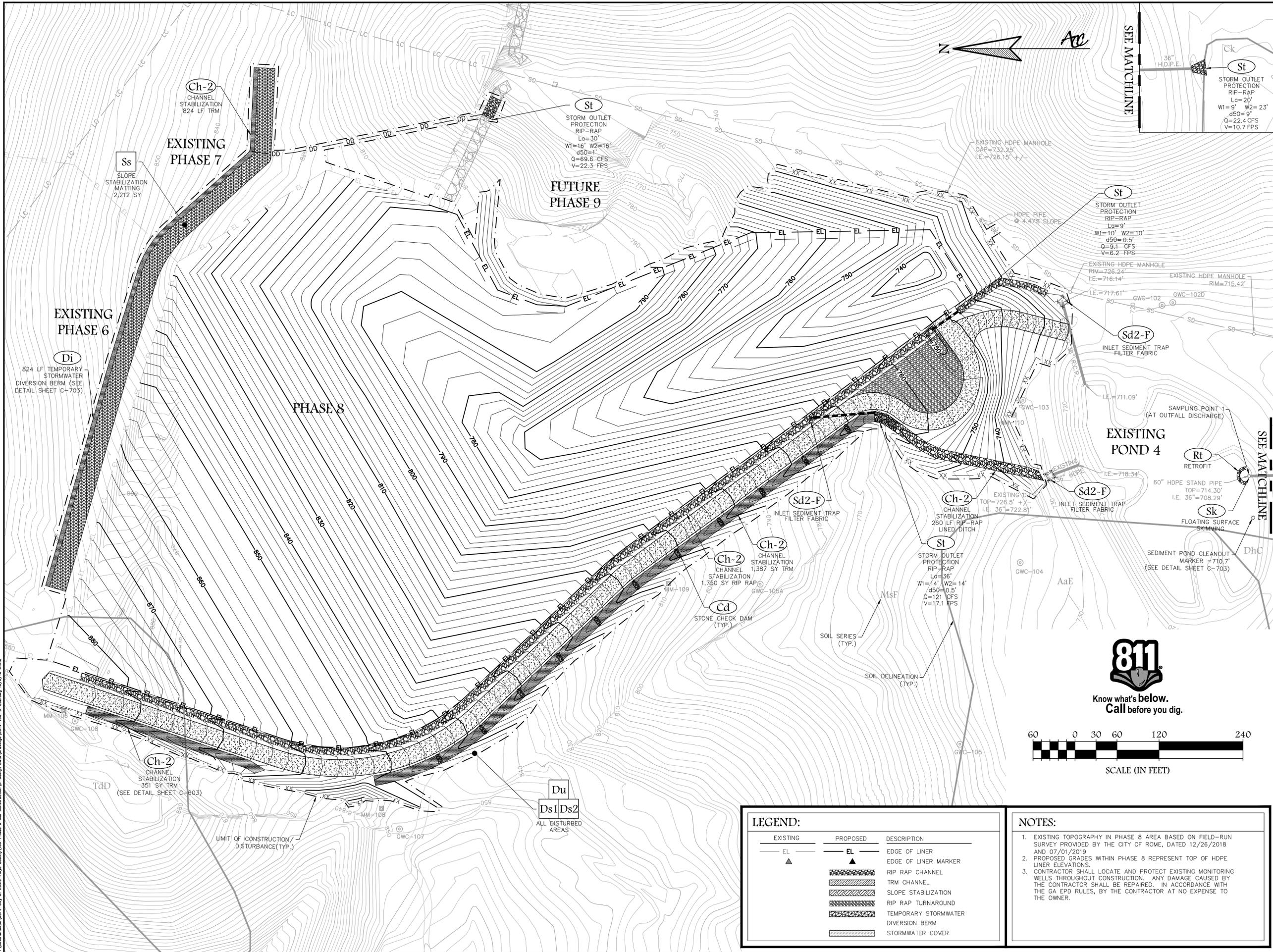
LEGEND:

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 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 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.

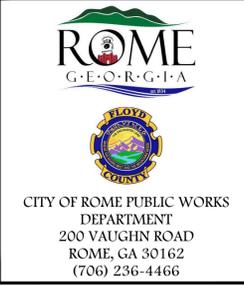
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LAND LOT 106, 107 & 110
FLOYD COUNTY, GA



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PROJECT NUMBER:
G014-103
SEPTEMBER 2019

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN - PHASE II
C-502

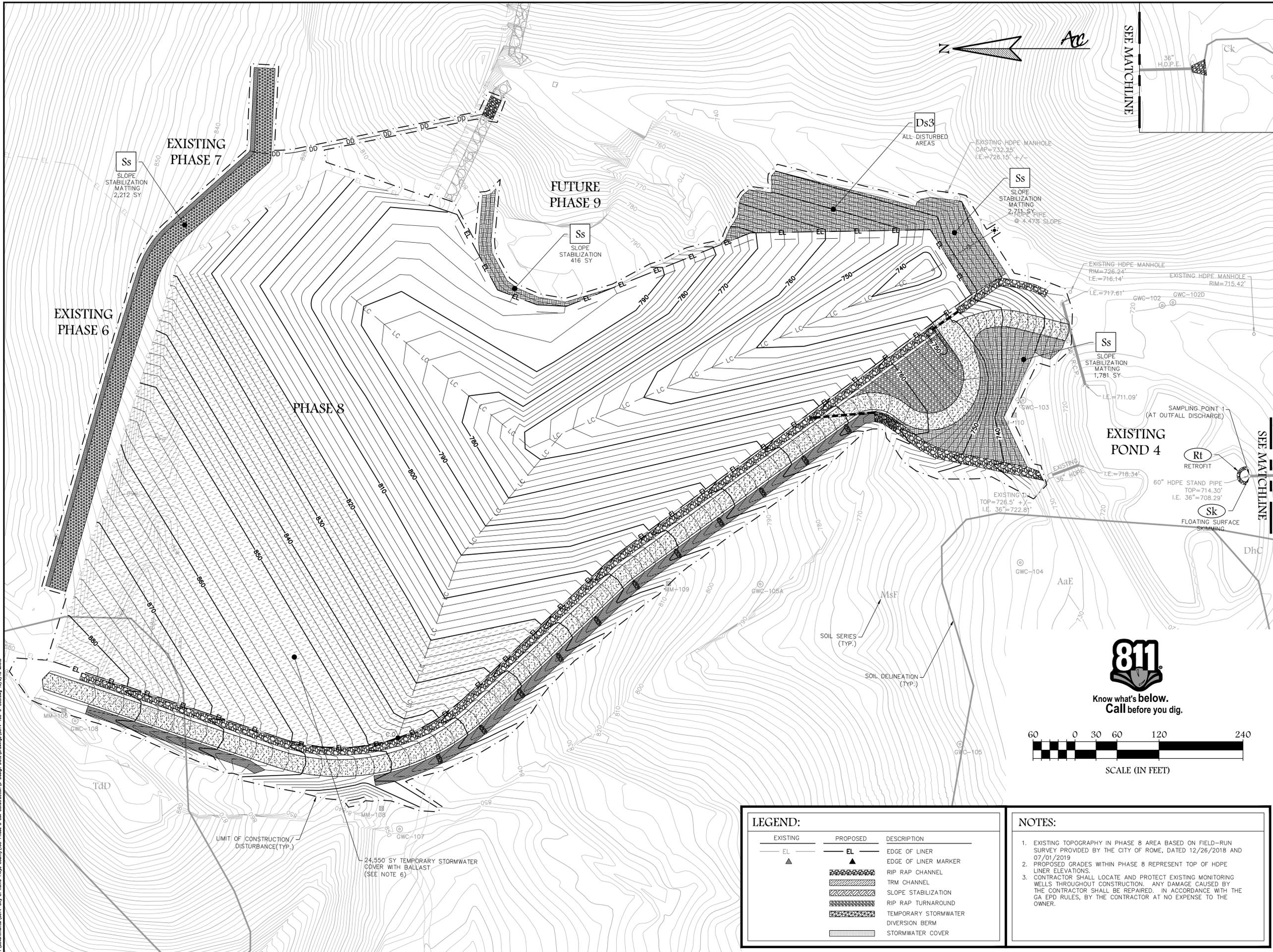
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EXISTING	PROPOSED	DESCRIPTION
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▲	▲	EDGE OF LINER MARKER
	▨	RIP RAP CHANNEL
	▩	TRM CHANNEL
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	▦	RIP RAP TURNAROUND
	▥	TEMPORARY STORMWATER DIVERSION BERM
	▤	STORMWATER COVER

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 SEPTEMBER 2019

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN - PHASE III
C-503

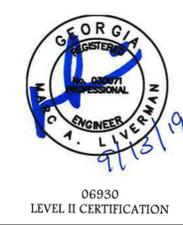
LEGEND:

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▲	▲	EDGE OF LINER MARKER
	▨	RIP RAP CHANNEL
	▩	TRM CHANNEL
	▧	SLOPE STABILIZATION
	▦	RIP RAP TURNAROUND
	▤	TEMPORARY STORMWATER DIVERSION BERM
	▥	STORMWATER COVER

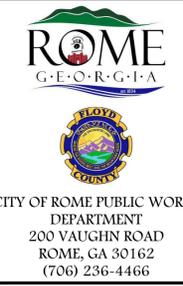
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 LAND LOT 106, 107 & 110 FLOYD COUNTY, GA

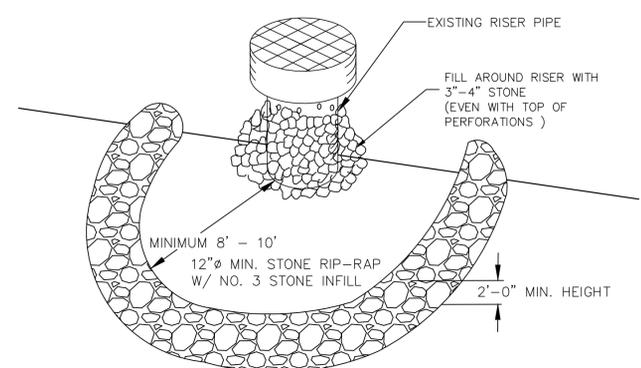


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 SEPTEMBER 2019

EROSION, SEDIMENTATION AND POLLUTION CONTROL DETAILS
C-603



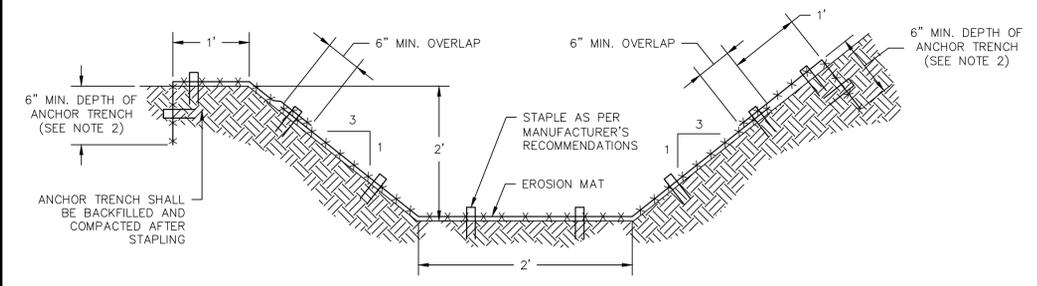
DETENTION POND OUTFALL RETROFIT

N.T.S.

Rt

DITCH/MATTING TABLE

DITCH #	Vt (25 YR) (FT/S)	Qt (25 YR) (CFS)	BOTTOM WIDTH (FT)	SIDE SLOPE	LINING MATERIAL
1A	12.65	120.59	2	3:1	RIP RAP
1B	6.61	10.27	2	3:1	RIP RAP
1C	6.76	11.50	2	3:1	RIP RAP
2	3.12	1.11	2	3:1	TRM
3	5.39	5.32	2	3:1	TRM
4	15.90	126.71	2	3:1	TRM

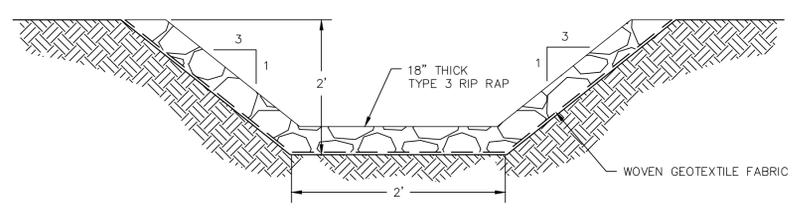


- NOTES:**
- SOIL SHALL BE PREPARED BEFORE INSTALLATION OF MATTING, INCLUDING LIME, FERTILIZER AND SEED.
 - ORIENTATION OF ANCHOR TRENCH VARIES, SEE PLANS.
 - PERMANENT DITCH LINING SHALL BE SYNTHETIC TURF REINFORCEMENT MAT (TRM) HAVING A MINIMUM SHEAR STRESS OF 4.0 LB/SF.

CHANNEL STABILIZATION WITH TURF REINFORCEMENT EROSION MAT (TRM) DETAIL

N.T.S.

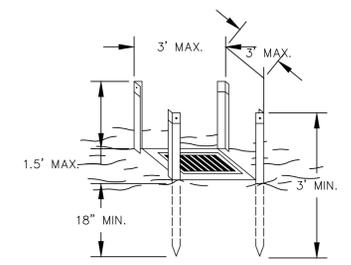
Ch-2



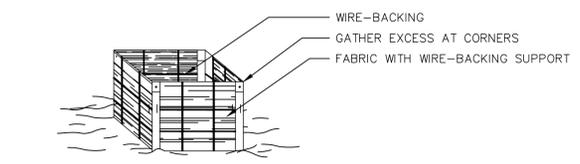
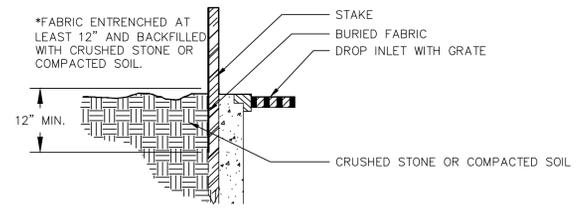
RIP RAP LINED DITCH DETAIL

N.T.S.

Ch-2



- NOTES:**
- DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
 - THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
 - THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
 - THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.



INLET SEDIMENT TRAP - FABRIC AND SUPPORTING FRAME

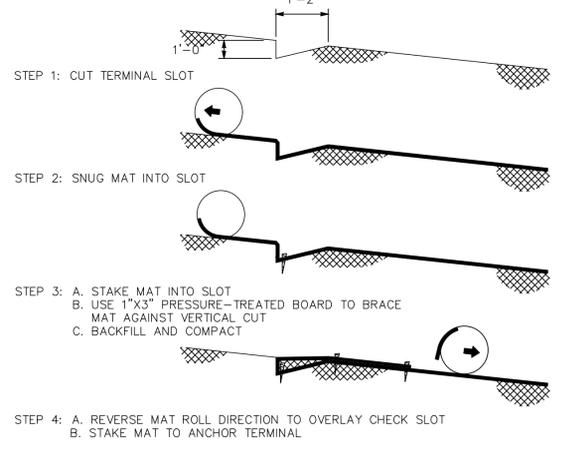
N.T.S.

Sd2-F

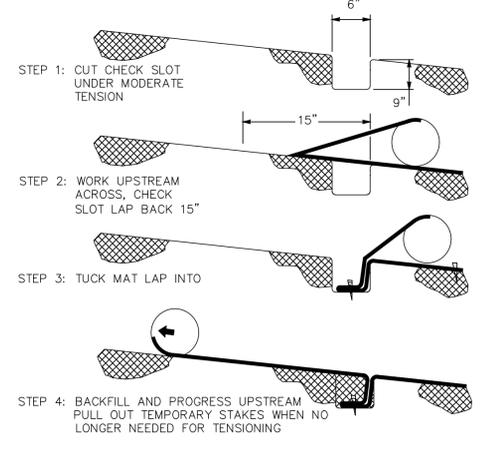
SLOPE STABILIZATION MATTING AND BLANKETS

N.T.S.

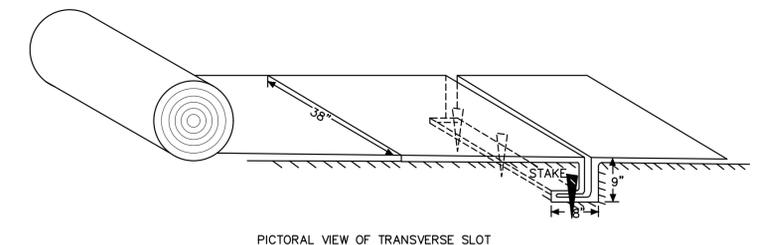
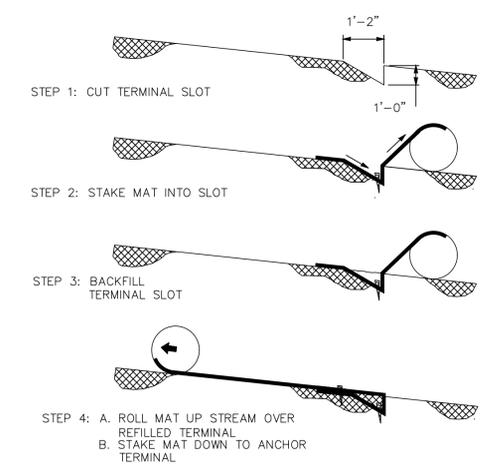
UPSTREAM TERMINAL



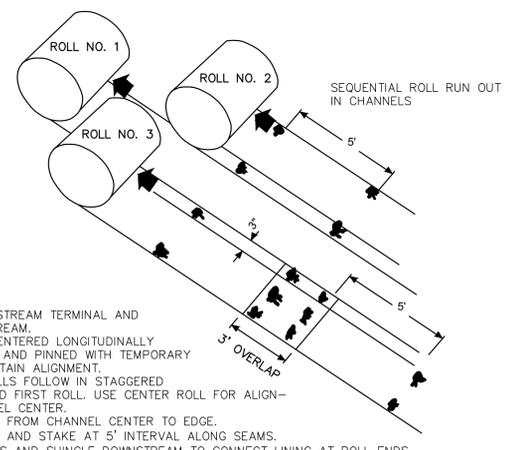
TRANSVERSE CHECK SLOT



DOWNSTREAM TERMINAL



PICTORIAL VIEW OF TRANSVERSE SLOT



- START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
- FIRST ROLL IS CENTERED LONGITUDINALLY IN MID CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
- SUBSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND FIRST ROLL. USE CENTER ROLL FOR ALIGNMENT TO CHANNEL CENTER.
- WORK OUTWARDS FROM CHANNEL CENTER TO EDGE.
- USE 3" OVERLAP AND STAKE AT 5' INTERVAL ALONG SEAMS.
- USE 3" OVERLAPS AND SHINGLE DOWNSTREAM TO CONNECT LINING AT ROLL ENDS.

Ss

P:\Government\G014-City of Rome-Royal County\103-Phase 8 Cell Construction\3-Design Data\Drawings\G014-103-C-603.dwg 10/27/19 MAC

INSPECTIONS & SAMPLING FREQUENCY

A. PERMITTEE REQUIREMENTS.

1. EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
2. MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.
3. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY OR NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
4. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS RECEIVED BY EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).
5. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.
6. A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A CERTIFICATION THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

B. MAINTENANCE.

THE PLAN SHALL INCLUDE A DESCRIPTION OF PROCEDURES TO ENSURE THE TIMELY MAINTENANCE OF VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THE SITE PLAN.

C. SAMPLING REQUIREMENTS.

THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY HOMES WHICH ARE NOT PART OF A SUBDIVISION OR PLANNED COMMON DEVELOPMENT UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

1. SAMPLING REQUIREMENTS SHALL INCLUDE THE FOLLOWING:
 - a. A USGS TOPOGRAPHIC MAP, A TOPOGRAPHIC MAP OR A DRAWING (REFERRED TO AS A TOPOGRAPHIC MAP) THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24000 MAP SHOWING THE LOCATION OF THE SITE OR THE STAND ALONE CONSTRUCTION; (A) THE LOCATION OF ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES AS SHOWN ON A USGS TOPOGRAPHIC MAP, AND ALL OTHER PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES LOCATED DURING MANDATORY FIELD VERIFICATION INTO WHICH THE STORM WATER IS DISCHARGED AND (B) THE RECEIVING WATER AND/OR OUTFALL SAMPLING LOCATIONS. WHEN THE PERMITTEE HAS CHOSEN TO USE A USGS TOPOGRAPHIC MAP AND THE RECEIVING WATER(S) IS NOT SHOWN ON THE USGS TOPOGRAPHIC MAP, THE LOCATION OF THE RECEIVING WATER(S) MUST BE HAND-DRAWN ON THE USGS TOPOGRAPHIC MAP FROM WHERE THE STORM WATER(S) ENTERS THE RECEIVING WATER(S) TO THE POINT WHERE THE RECEIVING WATER(S) COMBINES WITH THE FIRST BLUE LINE STREAM SHOWN ON THE USGS TOPOGRAPHIC MAP;
 - b. A WRITTEN NARRATIVE OF SITE SPECIFIC ANALYTICAL METHODS USED TO COLLECT, HANDLE AND ANALYZE THE SAMPLES INCLUDING QUALITY CONTROL QUALITY ASSURANCE PROCEDURES. THIS NARRATIVE MUST INCLUDE PRECISE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION;
 - c. WHEN THE PERMITTEE HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SIZE OF THE SURFACE WATER DRAINAGE AREA, AND THE TYPE OF RECEIVING WATER(S) (I.E., TROUT STREAM OR SUPPORTING WARM WATER FISHERIES); AND
 - d. ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN. EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE OF THE INFORMATION NECESSARY AND THE TIME LINE FOR SUBMITTAL.
2. SAMPLE TYPE. ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.
 - a. SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING SAMPLES.
 - b. SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.
 - c. LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.
 - d. MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATED ANALYZED ANALYSIS. UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED, IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING

DURING THE NEXT QUALIFYING EVENT, DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.

E. SAMPLING EVENTS.

1. FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:
 - a. THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORMWATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.
 - b. THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.
 - c. IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORM WATER OUTFALL CHANNEL.
 - d. CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL.
 - e. THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.
 - f. THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.
 - g. PERMITTEES DO NOT HAVE TO SAMPLE SHEETFLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES AND AREAS LOCATED OUTSIDE THE WASTE DISPOSAL LIMITS OF A LANDFILL CELL THAT HAS BEEN CERTIFIED BY EPD FOR WASTE DISPOSAL, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR LANDSCAPED ACCORDING TO THE LAND PLAN (UNIFORMLY COVERED WITH LANDSCAPING MATERIALS IN PLANNED LANDSCAPED AREAS) OR EQUIVALENT PERMANENT STABILIZATION MEASURES AS DEFINED IN THE MANUAL (EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION).
 - h. ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORM WATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS 111.0.3. OR 111.0.4., WHICHEVER IS APPLICABLE.

F. SAMPLING FREQUENCY.

1. THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN IN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.
2. HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.
3. SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:
 - a. FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;
 - b. IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOTICE OF TERMINATION, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;
 - c. AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPs IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS. AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPs ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;
 - d. WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(6), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE; AND
 - e. EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.
4. NON-STORM WATER DISCHARGES, EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER LISTED IN PART III.A.2. OF THIS PERMIT THAT ARE COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE IDENTIFIED IN THE PLAN. THE PLAN SHALL IDENTIFY AND ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

G. RECORDS.

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:
 - a. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
 - b. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
 - c. THE DATE(S) ANALYSES WERE PERFORMED;
 - d. THE TIME(S) ANALYSES WERE INITIATED;
 - e. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
 - f. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
 - g. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
 - h. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU;" AND
 - i. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.
3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. IF AN ELECTRONIC SUBMITTAL IS PROVIDED BY EPD THEN THE WRITTEN CORRESPONDENCE MAY BE SUBMITTED ELECTRONICALLY; IF REQUIRED, A PAPER COPY MUST ALSO BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL OR SIMILAR SERVICE.

H. RETENTION OF RECORDS.

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:
 - a. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
 - b. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
 - c. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT;
 - d. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
 - e. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
 - f. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND
 - g. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS PERMIT.
2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOTICE OF TERMINATION IS SUBMITTED IN ACCORDANCE WITH PART VI. OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

SAMPLE ANALYSIS:

1. STORM WATER IS TO BE SAMPLED FOR NEPHELOMETRIC TURBIDITY UNITS (NTU) AT THE OUTFALL LOCATION. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING 50. THE VALUE THAT WAS SELECTED FROM APPENDIX B IN PERMIT NO. GAR 100001. THE NTU IS BASED UPON THE DISTURBED ACREAGE OF 19.5 ACRES FOR THE PROJECT SITE, THE SURFACE WATER DRAINAGE AREA IS 0.03 SQUARE MILES, AND RECEIVING WATER WHICH SUPPORTS WARM WATER FISHERIES.
2. ALL SAMPLES TAKEN WILL BE "GRAB SAMPLES." THESE ARE DISCRETE SAMPLES COLLECTED AT A PARTICULAR TIME THAT REPRESENT CONDITIONS AT THAT MOMENT.
3. THE SAMPLES WILL BE WELL MIXED PRIOR TO ANY TRANSFER TO A SECONDARY CONTAINER (I.E. TURBIDITY TEST VIAL). SAMPLES WILL BE ANALYZED WITHIN 48 HOURS OF COLLECTION FOR TURBIDITY IN NTU IN ACCORDANCE WITH THE METHODOLOGY AND TEST PROCEDURES DESCRIBED IN 40 CFR PART 136; EPA METHOD 180.1, STD METHOD 2130 B, ASTM METHOD D1889-89(A), OR USGS METHOD I-3860-85. ACCORDING TO THESE PROCEDURES, SAMPLES OVER 40 NTU WILL BE DILUTED AND THEIR FINAL NTU VALUE TABULATED. OPERATION OF METERS FOR TURBIDITY ANALYSES WILL FOLLOW MANUFACTURER'S SPECIFICATIONS. SAMPLES FROM THE ACADEMIC FACILITY CONSTRUCTION SITE ARE ANTICIPATED TO BE TESTED WITH AN ON SITE METER BY QUALIFIED PERSONNEL. AS NECESSARY, SAMPLES WILL BE SUBMITTED TO AN ANALYTICAL LABORATORY FOR TESTING.
4. MONITORING RECORDS WILL BE MAINTAINED FOR ALL SAMPLING EVENTS. THESE RECORDS WILL INCLUDE AT A MINIMUM THE FACILITY NAME AND ADDRESS, NAME OF THE ANALYST, LOCATION OF SAMPLE, SAMPLE ID, DATE AND TIME OF MEASUREMENT, DATE AND TIME OF ANALYSIS, AND NAME/MODEL NUMBER OF THE ANALYZER INSTRUMENT. FOR ALL SAMPLES SENT TO A LABORATORY FOR ANALYSES, A CHAIN OF CUSTODY WILL BE IMPLEMENTED. IF SAMPLING EQUIPMENT MALFUNCTIONS OR IF VANDALISM, EQUIPMENT LOSS, OR OTHER UNFORESEEN CIRCUMSTANCES PREVENT THE COLLECTION OF A SAMPLE, THE SITUATION WILL BE REPORTED IN THE SAMPLING REPORT AND IN THE MONTHLY REPORT TO EPD.

SAMPLING

POINTS:
SAMPLING FOR THE PROJECT WILL TAKE PLACE AT THE OUTFALL OF POND 4. SEE SAMPLING POINT ON SHEET C-101.

NEPHELOMETRIC TURBIDITY UNIT (NTU) TABLES

		SURFACE WATER DRAINAGE AREA, SQUARE MILES							
		0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+
SITE SIZE ACRES	1.00-10	75	150	200	400	750	750	750	750
	10.01-25	50	100	100	200	300	500	750	750
	25.01-50	50	50	100	100	200	300	750	750
	50.01-100	50	50	50	100	100	150	300	600
	100.01+	50	50	50	50	50	100	200	100

EPD OFFICE

MOUNTAIN DISTRICT - CARTERSVILLE
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16 CENTER ROAD
CARTERSVILLE, GA 30120
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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

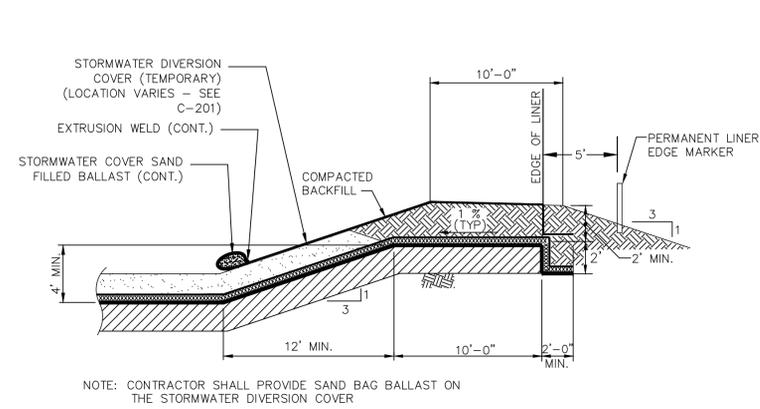
A. Issued for Bidding	09/13/2019
B. Addendum	10/04/2019

Drawn by: RBP
Checked by: JBT

PROJECT NUMBER:
G014-103
SEPTEMBER 2019

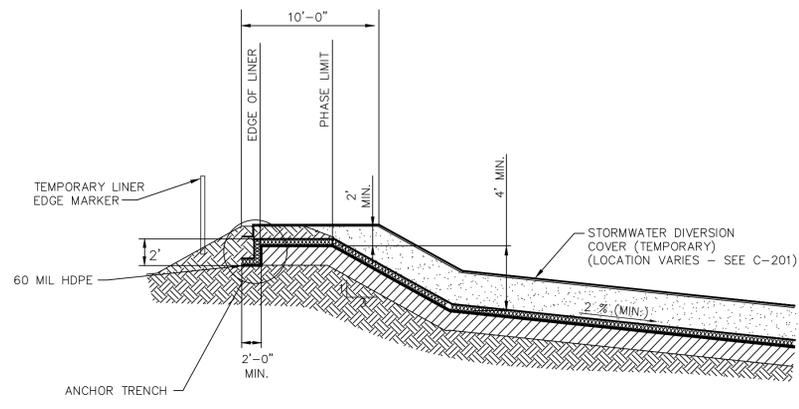
NPDES SAMPLING &
INSPECTION NOTES

C-605



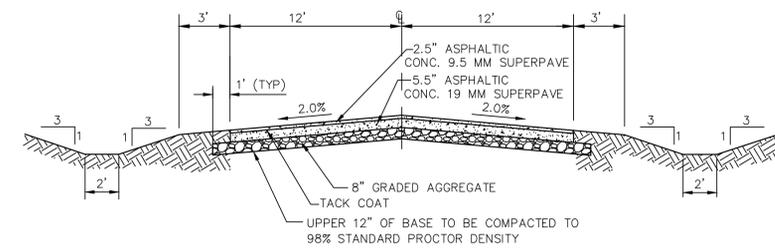
PERIMETER BERM ANCHOR TRENCH DETAIL

N.T.S.



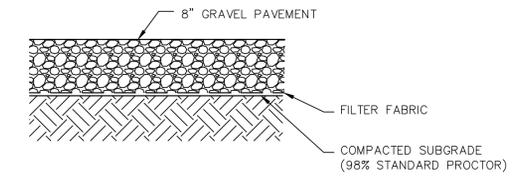
TEMPORARY LINER ANCHOR TRENCH

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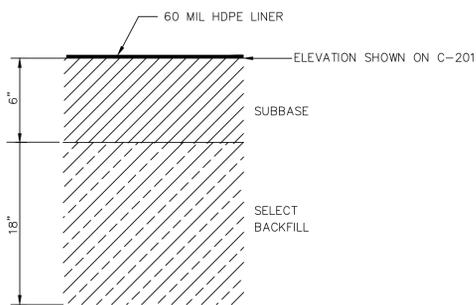
TYPICAL ALL WEATHER ASPHALT ACCESS ROAD SECTION

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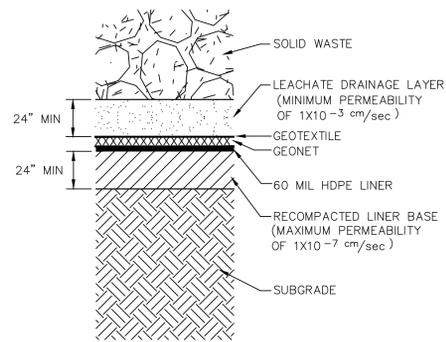
GRAVEL PAVEMENT DETAIL

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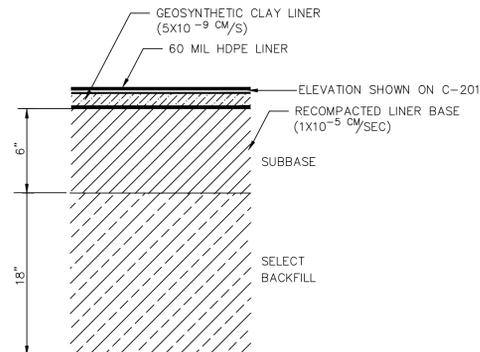
RECOMPACTED LINER BASE DETAIL

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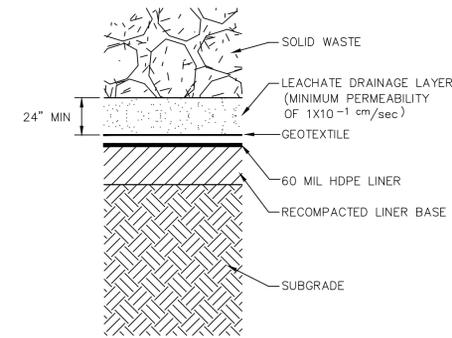
LINER AND LEACHATE COLLECTION SYSTEM DETAIL

N.T.S.



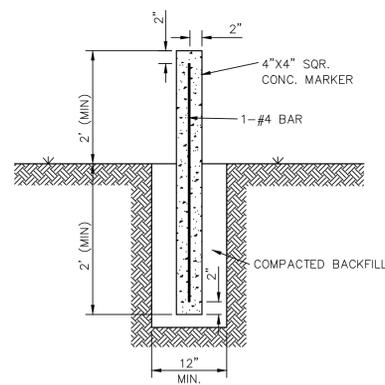
OPTIONAL RECOMPACTED LINER BASE DETAIL

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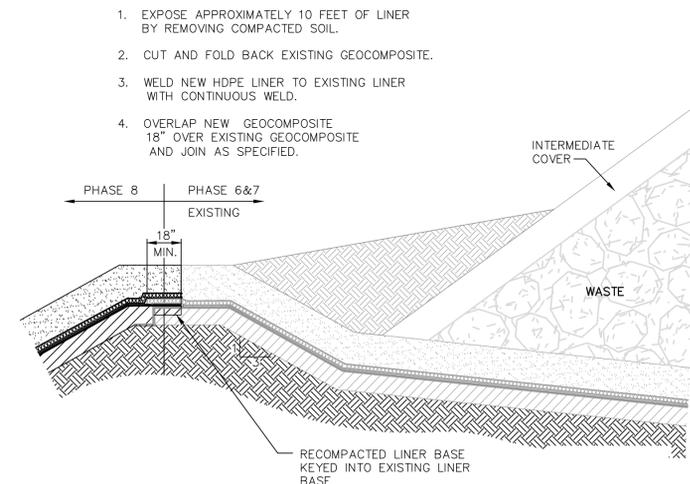
OPTIONAL LEACHATE COLLECTION BLANKET DETAIL

N.T.S.



LINER EDGE MARKER DETAIL

N.T.S.



CONNECTION TO EXISTING LINER

N.T.S.



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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
FLOYD COUNTY, GA



CITY OF ROME PUBLIC WORKS
DEPARTMENT
200 VAUGHN ROAD
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REVISIONS

A. Issued for Bidding	09/13/2019
B. Addendum	10/04/2019

Drawn by: RBP
Checked by: JST

PROJECT NUMBER:

G014-103
SEPTEMBER 2019

**CONSTRUCTION
DETAILS**

C-701



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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 FLOYD COUNTY, GA



CITY OF ROME PUBLIC WORKS DEPARTMENT
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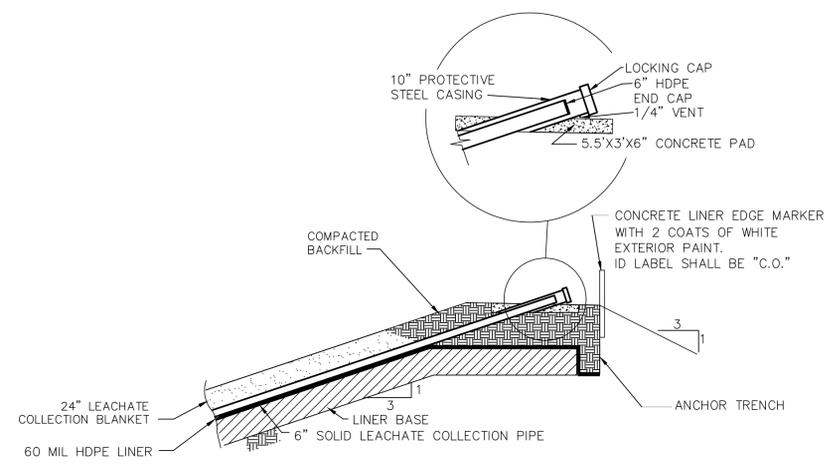
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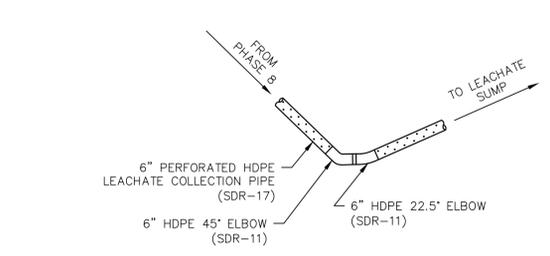
Drawn by:	RBP	Checked by:	JST
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PROJECT NUMBER:
G014-103
SEPTEMBER 2019

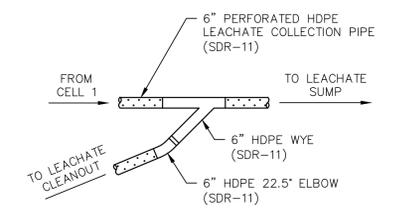
CONSTRUCTION DETAILS
C-702



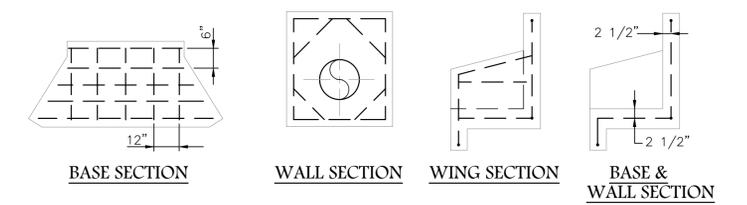
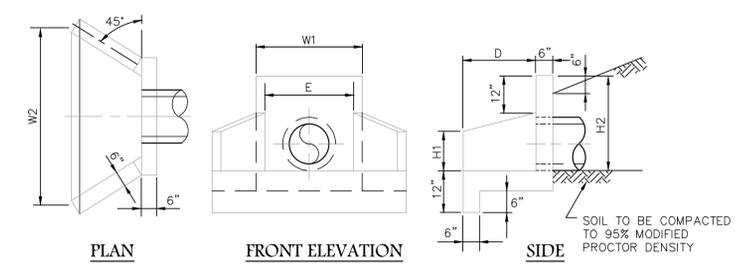
LEACHATE CLEANOUT DETAIL
N.T.S.



LEACHATE COLLECTION LINE CONNECTION 1 DETAIL
SCALE: 1" = 4'



LEACHATE COLLECTION LINE CONNECTION 2 DETAIL
SCALE: 1" = 4'

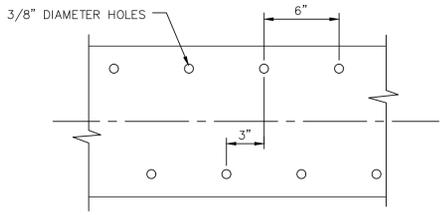
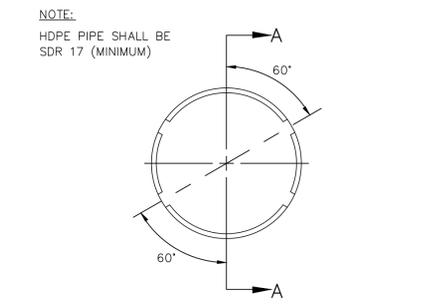


HEADWALL DIMENSIONS (METAL PIPE)
USE NEXT LARGEST SIZE FOR CONCRETE PIPE

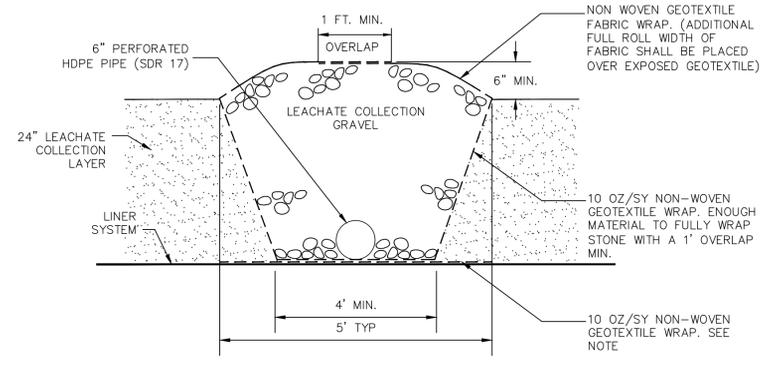
PIPE INSIDE DIA.	W1	W2	H1	H2	D	E
18"	3'-2"	4'-10"	1'-3"	3'-2"	1'-3"	1'-9"
36"	4'-8"	8'-4"	2'-4"	4'-8"	2'-2"	3'-3"

- NOTES:
1. ALL CONCRETE SHALL BE CLASS A
 2. REINFORCEMENT STEEL SHALL BE 1/2" DIA. OF INTERMEDIATE GRADE.
 3. CHAMFER ALL EXPOSED EDGES 3/4".

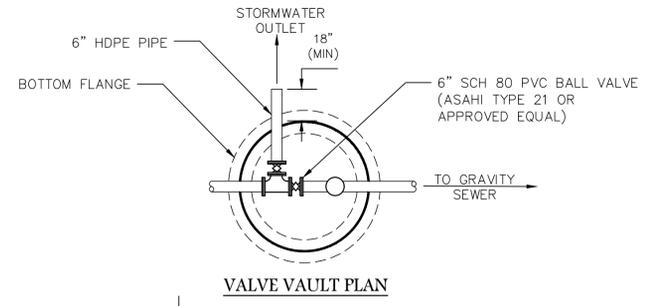
CONCRETE HEADWALL
N.T.S.



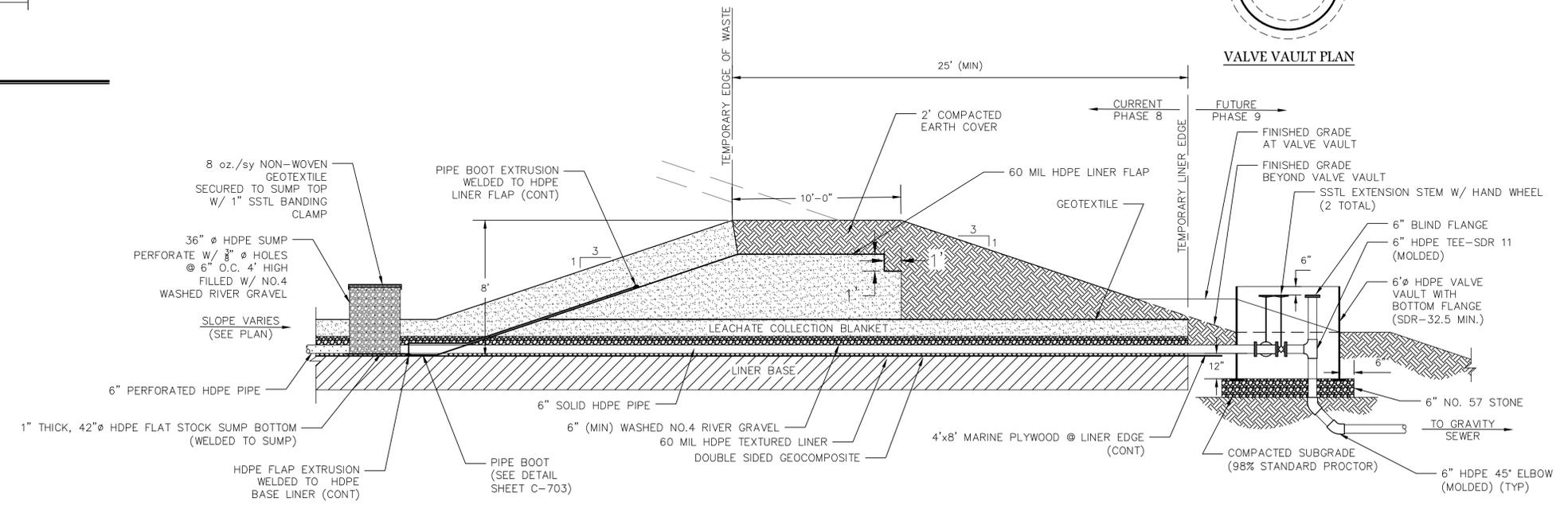
6" HDPE PERFORATED PIPE
N.T.S.



LEACHATE COLLECTION LINE DETAIL
N.T.S.

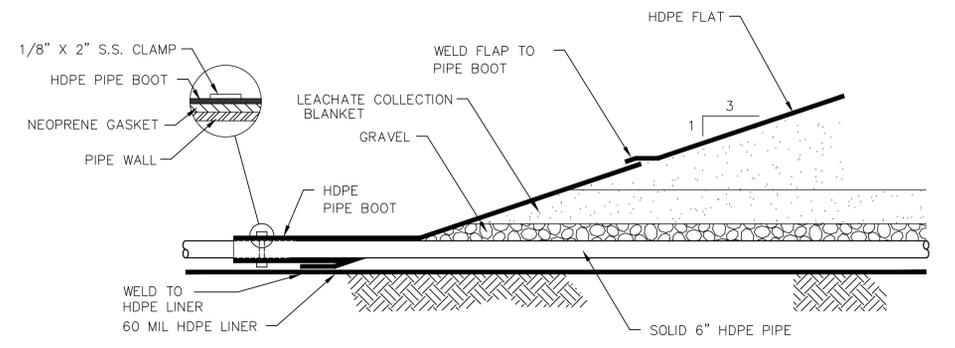


VALVE VAULT PLAN



TEMPORARY LEACHATE BERM
N.T.S.

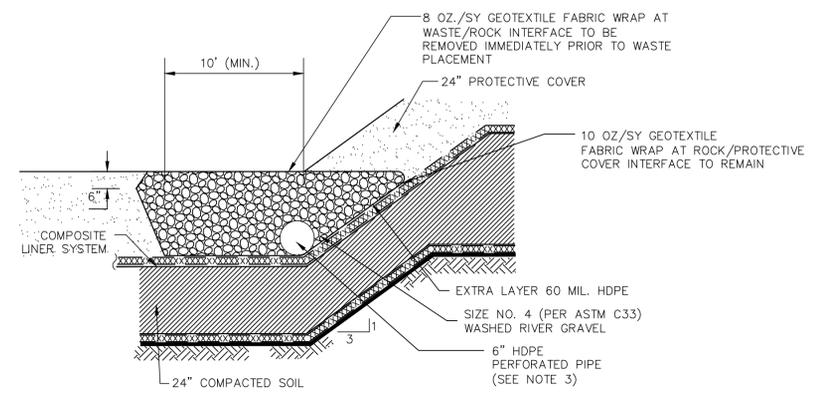
P:\Governmental\G014-City of Rome-Floyd County\103-Phase 8 Cell Construction\Drawings\G014-103-C-702.dwg 10/27/19 JMR



NOTE: 1. FOR LEACHATE SUMP W/ LINER PENETRATION, PIPE BOOT SHALL BE WELDED TO THE HDPE FLAP

PIPE BOOT DETAIL

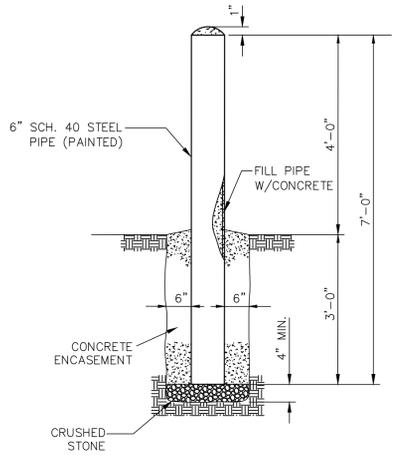
N.T.S.



NOTES:
 1. SEE BASE GRADE PLANS FOR LOCATION OF 6\"/>

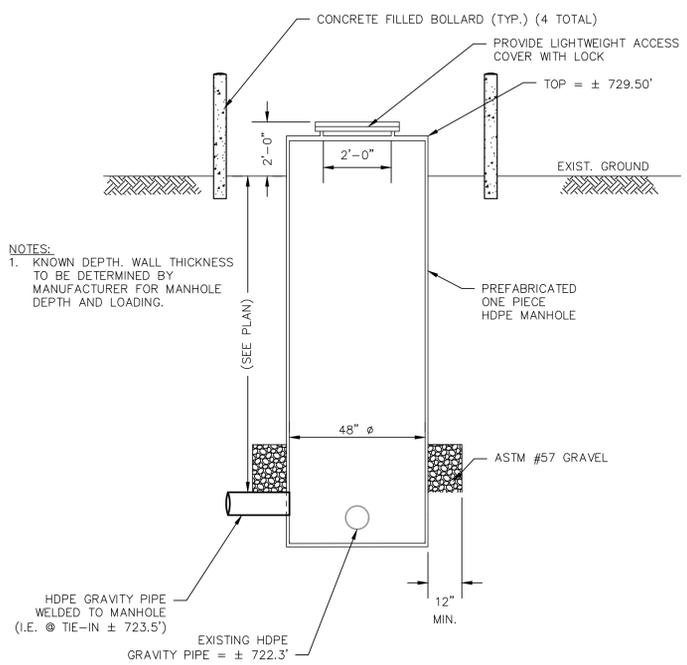
ROCK-TOE DRAIN DETAIL

N.T.S.



BOLLARD DETAIL

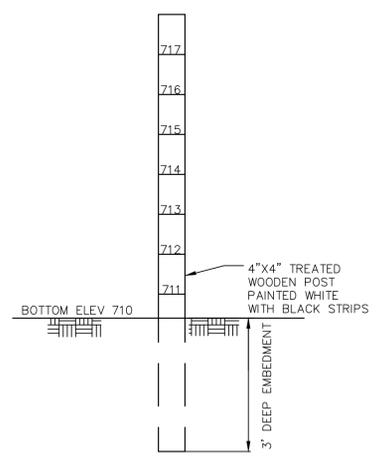
N.T.S.



NOTES:
 1. KNOWN DEPTH, WALL THICKNESS TO BE DETERMINED BY MANUFACTURER FOR MANHOLE DEPTH AND LOADING.

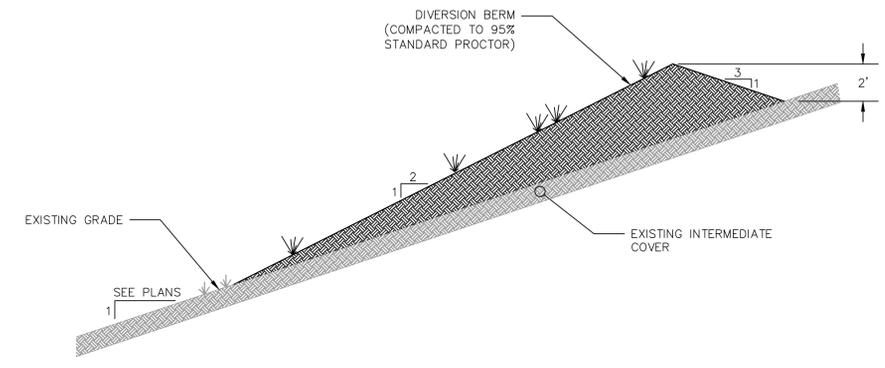
HDPE GRAVITY SEWER MANHOLE

N.T.S.



SEDIMENT POND CLEANOUT MARKER DETAIL

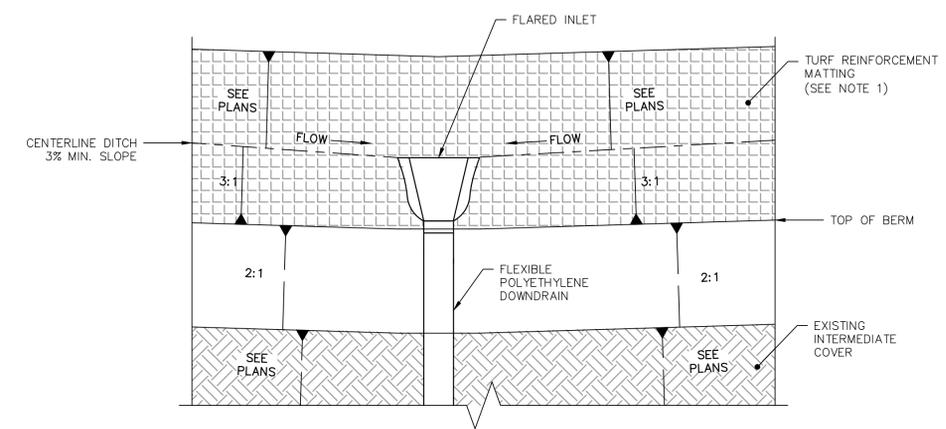
N.T.S.



TEMPORARY STORMWATER DIVERSION BERM DETAIL

N.T.S.

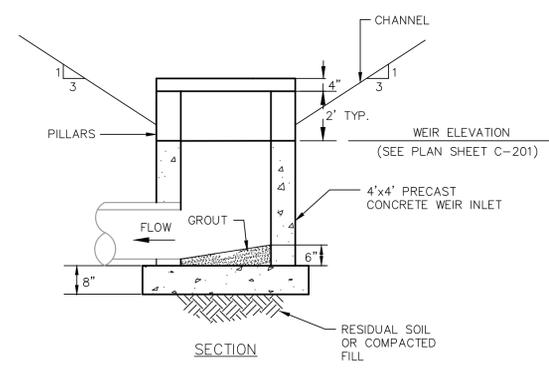
Di



NOTE:
 1. FLARED INLET SHALL BE EQUIPPED WITH PERMANENT MATTING ALONG THE CENTERLINE OF DITCH FOR A LENGTH OF 25' AND A WIDTH OF 12' ON EACH SIDE OF THE INLET.

DOWNDRAIN INLET DETAIL

N.T.S.



NOTES:
 1. BRICK OR MASONRY INVERT REQUIRED.
 2. OPENINGS ON 4 SIDES.

WEIR DROP INLET DETAIL

N.T.S.



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 7 East Congress Street
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 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
B. Addendum	10/04/2019

Drawn by:	RBP	Checked by:	JST
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PROJECT NUMBER:
G014-103
 SEPTEMBER 2019

CONSTRUCTION DETAILS

C-703