

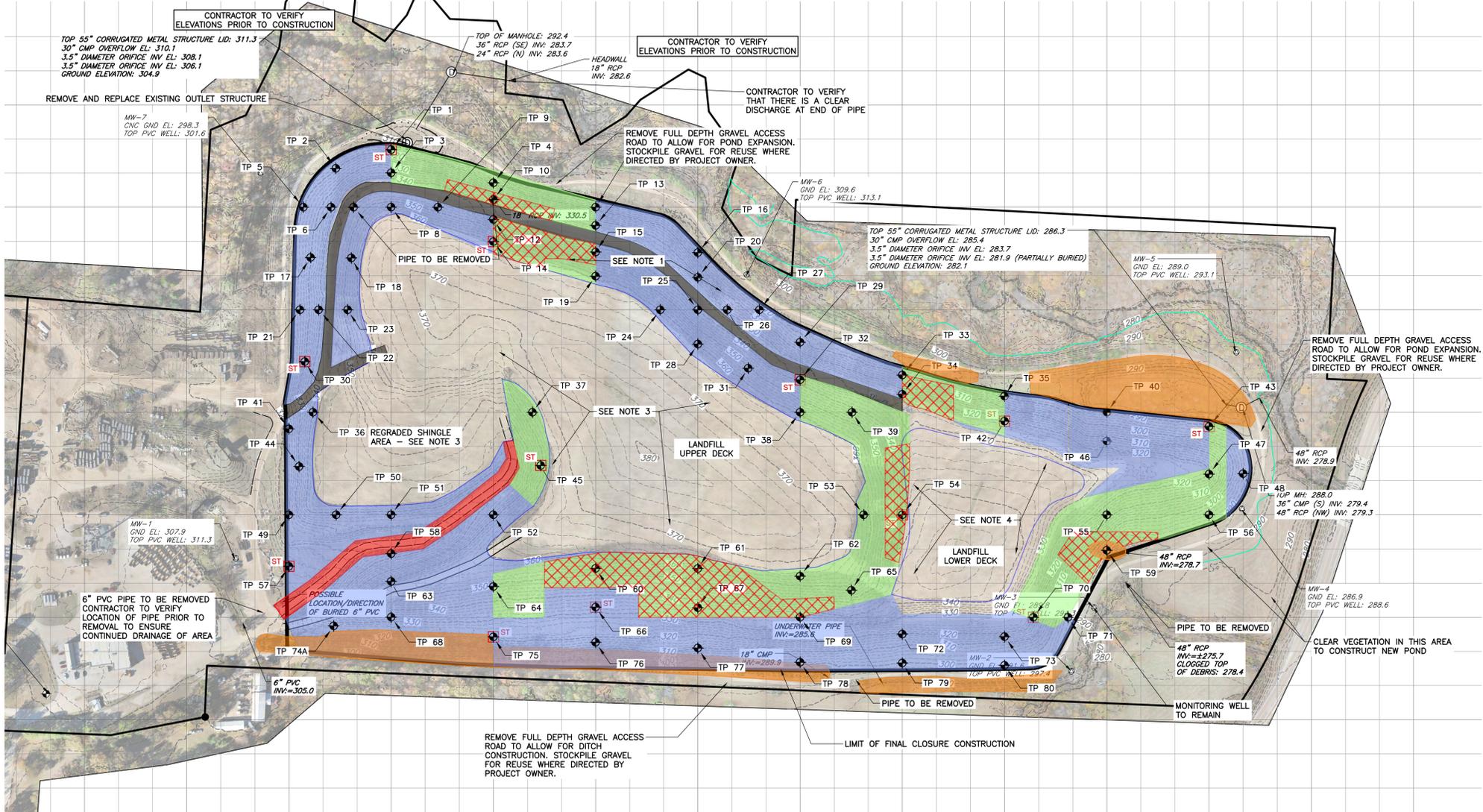








N 293000    N 293300    N 293600    N 293900    N 294200    N 294500    N 294800    N 295100    N 295400    N 295700    N 296000    N 296300    N 296600    N 296900



**DEMOLITION AND CLEARING AND GRUBBING NOTES**

- STRIP AND STOCKPILE EXISTING MATERIAL AT 12 INCH DEPTH IN LANDFILL SIDESLOPE AREAS AND AREAS CLEARED AND GRUBBED WITHIN LANDFILL LIMITS TO RECEIVE A SOIL CAP SYSTEM. STRIPPED MATERIAL TO BE REUSED AS VEGETATIVE COVER. STOCKPILE MATERIAL NOT PLANNED IMMEDIATELY FOR REUSE BY CONTRACTOR SHALL BE HAULED AND PLACED IN THE DESIGNATED STOCKPILE AREA OUTSIDE OF THE LANDFILL FOOTPRINT.
- STRIP AND STOCKPILE LANDFILL BENCH ROAD GRAVEL (12" MIN CUT) PRIOR TO FILL REGRADE AND PLACEMENT OF LOW PERMEABILITY SOIL MATERIAL FOR FINAL CAP. STOCKPILE MATERIAL NOT PLANNED IMMEDIATELY FOR REUSE BY THE CONTRACTOR SHALL BE PLACED IN DESIGNATED STOCKPILE AREA OUTSIDE OF LANDFILL FOOTPRINT.
- LANDFILL TOP DECK AND REGRADED SHINGLE AREA EXISTING SURFACE TO RECEIVE SOIL CAP SYSTEM WITHOUT THE NEED FOR STRIPPING AND STOCKPILING. CONTRACTOR TO PREPARE THE SURFACE SUBGRADE BY FINE GRADING AND SMOOTHING THE SURFACE OF ANY RILLS AND RUTS PRIOR TO PLACEMENT OF THE SOIL CAP SYSTEM.
- LANDFILL LOWER DECK TO RECEIVE ENCOUNTERED WASTE (IF ANY) FROM ANY EXCAVATION WORK AREAS AND REPAIRS OF LANDFILL OUTBREAKS. PRIOR TO PLACEMENT OF WASTE, CONTRACTOR SHALL STRIP EXISTING SOIL COVER MATERIAL AND REAPPLY THE SOIL COVER AFTER PLACEMENT OF RELOCATED WASTE. STRIPPING OF THESE AREAS IN PREPARATION OF WASTE PLACEMENT TO BE PAID AS PART OF THE HAULING AND PLACEMENT OF ENCOUNTERED WASTE. CONTRACTOR TO PLACE WASTE FILL SO AS TO MAINTAIN A MINIMUM SLOPE OF 5% ACROSS THE LOWER DECK SURFACE. CONTRACTOR TO PREPARE THE SURFACE SUBGRADE BY FINE GRADING AND SMOOTHING THE SURFACE OF ANY RILLS AND RUTS PRIOR TO PLACEMENT OF THE SOIL CAP SYSTEM.
- STRIP AND STOCKPILE LANDFILL ACCESS ROAD GRAVEL (12" MIN CUT) PRIOR TO FILL REGRADE AND PLACEMENT OF LOW PERMEABILITY SOIL MATERIAL FOR FINAL CAP. STOCKPILE MATERIAL NOT PLANNED IMMEDIATELY FOR REUSE BY CONTRACTOR SHALL BE PLACED IN DESIGNATED STOCKPILE AREA OUTSIDE OF LANDFILL FOOTPRINT.
- LANDFILL SURFACE OUTBREAK REPAIRS - EXCAVATE INTO THE WASTE DIRECTING THE OUTBREAK INWARD. PROCURE AND INSTALL 57 STONE TO WITHIN 2' OF THE LANDFILL SURFACE AND COVER/PLUG WITH SOIL FROM EXCAVATION OR AVAILABLE ONSITE STOCKPILE. WASTE TO BE RELOCATED TO THE LOWER DECK AND COVERED WITH A 12" LAYER OF INTERMEDIATE SOIL.
- TREES TO BE CLEARED AND GRUBBED AND PLACED ON THE PROPERTY IN DESIGNATED AREAS. SEE SHEET C121.
- AREAS TO REMAIN (GREEN AREAS): ASSESSMENT OF CAP, MOW, OVERSEED, RILL REPAIR TO BE PERFORMED AS NECESSARY. TO BE INCLUDED IN COA PLANS AS VISUAL ASSESSMENT.
- AFTER CONTRACTOR MOBILIZATION, CONTRACTOR TO CHECK DENSITIES IN RED HATCHED AREAS TO CONFIRM IF AREAS CAN BE REMOVED FROM SCOPE. VERIFY TEST RESULTS WITH COA OFFICER.
- SEE SHEET C121 FOR STOCKPILE AND STAGING AREAS.

**SAFETY NOTE:**  
CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS RELATING TO THE SAFETY OF PERSONS OR PROPERTY, OR TO THE PROTECTION OF PERSONS OR PROPERTY FROM DAMAGE, INJURY, OR LOSS; AND SHALL ERECT AND MAINTAIN ALL NECESSARY SAFEGUARDS FOR SUCH SAFETY AND PROTECTION.

**LEGEND**

- TEST PIT
- ST## SHELBY TUBE SAMPLE
- CONFORMING AREAS (SEE NOTE 8)
- NON-CONFORMING, SUBAREA 1 AREAS - TO BE REWORKED
- AREA TO BE CLEARED AND GRUBBED - AREAS IN LANDFILL FOOTPRINT TO RECEIVE FULL COVER (SEE NOTES 1 AND 7)
- SIDESLOPE AREA TO RECEIVE FULL COVER (SEE NOTE 1)
- EXISTING LANDFILL BENCH ROAD AREAS TO RECEIVE FULL COVER (SEE NOTE 2)
- LANDFILL ACCESS ROAD AREAS TO RECEIVE FULL COVER AND BE REPLACED AS FINAL ACCESS ROAD (SEE NOTE 5)

"TEST PIT DEPTH TO TRASH E-PLEX CLOSURE"

TEST PIT NUMBER	DEPTH TO TRASH (IN)
1	>30
2	26
3	>30
4	>30
5	>30
6	27
7	24
8	>30
9	19
10	>30
11	>30
12	>30
13	>30
14	>30
15	>30
16	23
17	21
18	10
19	>30
20	28
21	21
22	0
23	24
24	21
25	15
26	30
27	17
28	>30
29	24
30	0
31	30
32	>30
33	>30
34	30
35	>30
36	20

37	>30
38	>30
39	30
40	27
41	>30
42	>30
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69	30
70	>30
71	>30
72	16
73	24
74	>30
75	>30
76	>30
77	12
78	24
79	30
80	12

REVISION RECORD

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**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION  
FINAL CLOSURE PLANS  
E-PLEX LANDFILL  
COLLIERVILLE, TENNESSEE**

**CLEARING AND GRUBBING PLAN**

DATE: JULY 2024 DRAWN BY: AJW  
DWG SCALE: AS SHOWN CHECKED BY: RGM  
PROJECT NO: 328-417.0011  
APPROVED BY: WCM

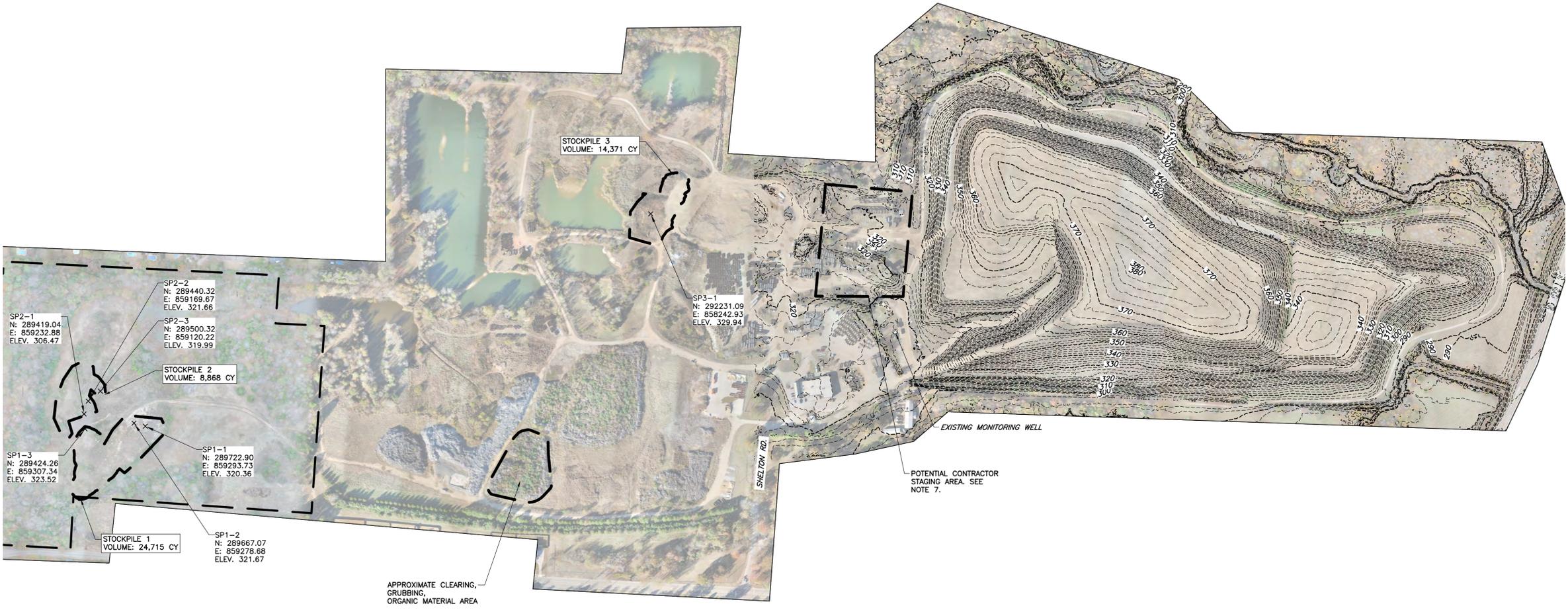


**ISSUED FOR CONSTRUCTION**



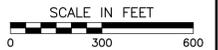
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**SAFETY NOTE:**  
 CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS RELATING TO THE SAFETY OF PERSONS OR PROPERTY, OR TO THE PROTECTION OF PERSONS OR PROPERTY FROM DAMAGE, INJURY, OR LOSS; AND SHALL ERECT AND MAINTAIN ALL NECESSARY SAFEGUARDS FOR SUCH SAFETY AND PROTECTION.

- ABBREVIATIONS:**  
 SP STOCKPILE
- STOCKPILE AREA GRADING AND DRAINAGE NOTES:**
1. ORTHOIMAGERY AND TOPOGRAPHIC SURVEY SHOWN IN THIS DRAWING SET WAS GENERATED FROM A LIDAR FLIGHT PERFORMED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. ON NOVEMBER 16, 2023. GROUND TOPOGRAPHIC SURVEY WAS NOT PERFORMED TO PRODUCE THIS DRAWING SET.
  2. PROJECT AREAS AND PROPOSED GRADES SHOWN IN THIS DRAWING SET ARE BASED ON THIS SURVEY INFORMATION AND NOT GROUND SURVEY. ACTUAL AREAS AND GRADES FOUND IN THE FIELD MAY VARY FROM WHAT IS SHOWN ON THE PLANS. AREAS AND GRADES ARE SUBJECT TO CHANGE.
  3. VOLUMES OF EXISTING SOIL STOCKPILES WERE CALCULATED IN AUTOCAD. A 2D PLANE AT THE BOTTOM ELEVATION OF THE STOCKPILE WAS CREATED AND THE SPACE BETWEEN THE 2D PLANE AND THE 3D TOPOGRAPHIC SURFACE FROM FEBRUARY 7, 2023, DIRECTLY ABOVE THE 2D PLANE WAS MEASURED.
  4. AWARDED CONTRACTOR TO SUBMIT A PLAN DEPICTING THE PROPOSED MATERIAL STOCKPILE LAYOUT AND USE OF THIS AREA ALONG WITH THEIR CONSTRUCTION SCHEDULE.
  5. CONTRACTOR TO INSTALL SILT FENCE AROUND PERIMETER OF STOCKPILES TO PREVENT MIGRATION OF MATERIAL.
  6. ENCOUNTERED WASTE TO BE TRANSPORTED TO THE LOWER DECK AREA. INTERMEDIATE COVER TO BE REMOVED, WASTE DEPOSITED THEN COVERED USING REMOVED INTERMEDIATE COVER IN ACCORDANCE WITH THE REGULATORY COVER SECTION. FINAL REGULATORY COVER TO BE PROVIDED AT END OF PROJECT.
  7. CONTRACTOR TO COORDINATE WITH PROJECT OWNER REGARDING FINALIZED SELECTION OF MATERIAL STOCKPILE AND STAGING AREAS, AND APPROVED BY ENGINEER.
  8. CONTRACTOR TO PROVIDE PERIMETER EROSION AND SEDIMENT CONTROL MEASURES AROUND BORROW AND DISPOSAL AREAS AND PERMANENTLY STABILIZE WHEN CONSTRUCTION IS COMPLETE.
  9. CONTRACTOR TO REFERENCE LABORATORY TESTING RESULTS OF STOCKPILE MATERIALS. THE TEST RESULTS ARE LOCATED IN APPENDIX C OF THE TECHNICAL SPECIFICATIONS.



**ISSUED FOR CONSTRUCTION**

NO.	DATE	DESCRIPTION

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**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION  
 FINAL CLOSURE PLANS  
 E-PLEX LANDFILL  
 COLLIERVILLE, TENNESSEE**

**STOCKPILE AND STAGING AREAS**

DATE: JULY 2024 | DRAWN BY: AJW  
 DWG SCALE: AS SHOWN | CHECKED BY: RGM  
 PROJECT NO: 328-417.0011  
 APPROVED BY: WCM

DRAWING NO.: **C121**

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OVERALL GRADING AND DRAINAGE NOTES

- SEE SHEET C801 FOR FINAL REGULATORY COVER DETAILS.
- LANDFILL SURFACE OUTBREAK REPAIRS - EXCAVATE INTO THE WASTE DIRECTING THE OUTBREAK INWARD. PROCURE AND INSTALL 57 STONE TO WITHIN 2' OF THE LANDFILL SURFACE AND COVER/PLUG WITH SOIL FROM EXCAVATION OR AVAILABLE ONSITE STOCKPILE. WASTE TO BE RELOCATED TO THE LOWER DECK AND COVERED WITH A 12" LAYER OF INTERMEDIATE SOIL.
- PROCURE (EXCAVATE / TRANSPORT/ STOCKPILE ON SITE (AS REQUIRED) CONTRACTOR SOURCED 18" (MIN) LOW PERM CLAY.
- PROCURE (EXCAVATE / TRANSPORT/ STOCKPILE ON SITE (AS REQUIRED) CONTRACTOR SOURCED 12" (MIN) VEGETATIVE LAYER.
- FINAL CAP ACCESS ROAD STRUCTURAL FILL - 12" BASE (ROAD CROSS SECTION GRAVEL) USING STOCKPILED MATERIAL STRIPPED FROM EXISTING ROADWAY.
- INSTALL FINAL CAP ACCESS ROAD. SEE DETAIL 200, SHEET C800 FOR ROAD CROSS SECTION.
- ENCOUNTERED WASTE TO BE TRANSPORTED TO THE LOWER DECK AREA. INTERMEDIATE COVER TO BE REMOVED, WASTE DEPOSITED THEN RECOVERED USING REMOVED INTERMEDIATE COVER IN ACCORDANCE WITH THE REGULATORY COVER SECTION. FINAL REGULATORY COVER TO BE PROVIDED AT END OF PROJECT.
- SEE SHEETS C900-C901 FOR TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES
- SEE SHEET C902 FOR EROSION CONTROL MATTING AND RIPRAP STABILIZATION LOCATIONS.

NO	DATE	DESCRIPTION

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**COLLIERVILLE, TENNESSEE**

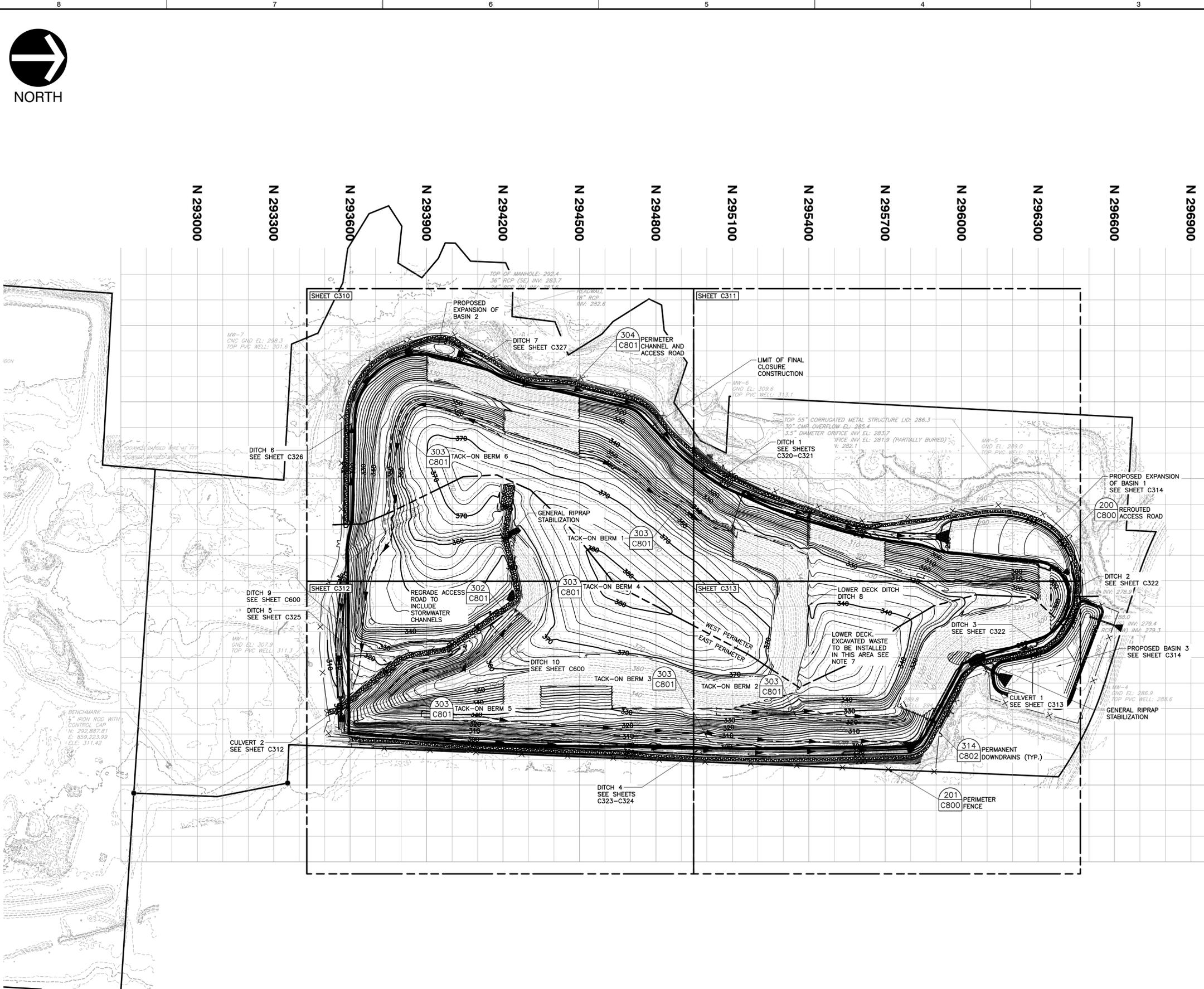
**OVERALL GRADING AND DRAINAGE PLAN**  
 DATE: JULY 2024 | DRAWN BY: AJW  
 DWG SCALE: AS SHOWN | CHECKED BY: RGM  
 PROJECT NO: 328-417.0011  
 APPROVED BY: WCM

ISSUED FOR CONSTRUCTION



DRAWING NO.: **C300**

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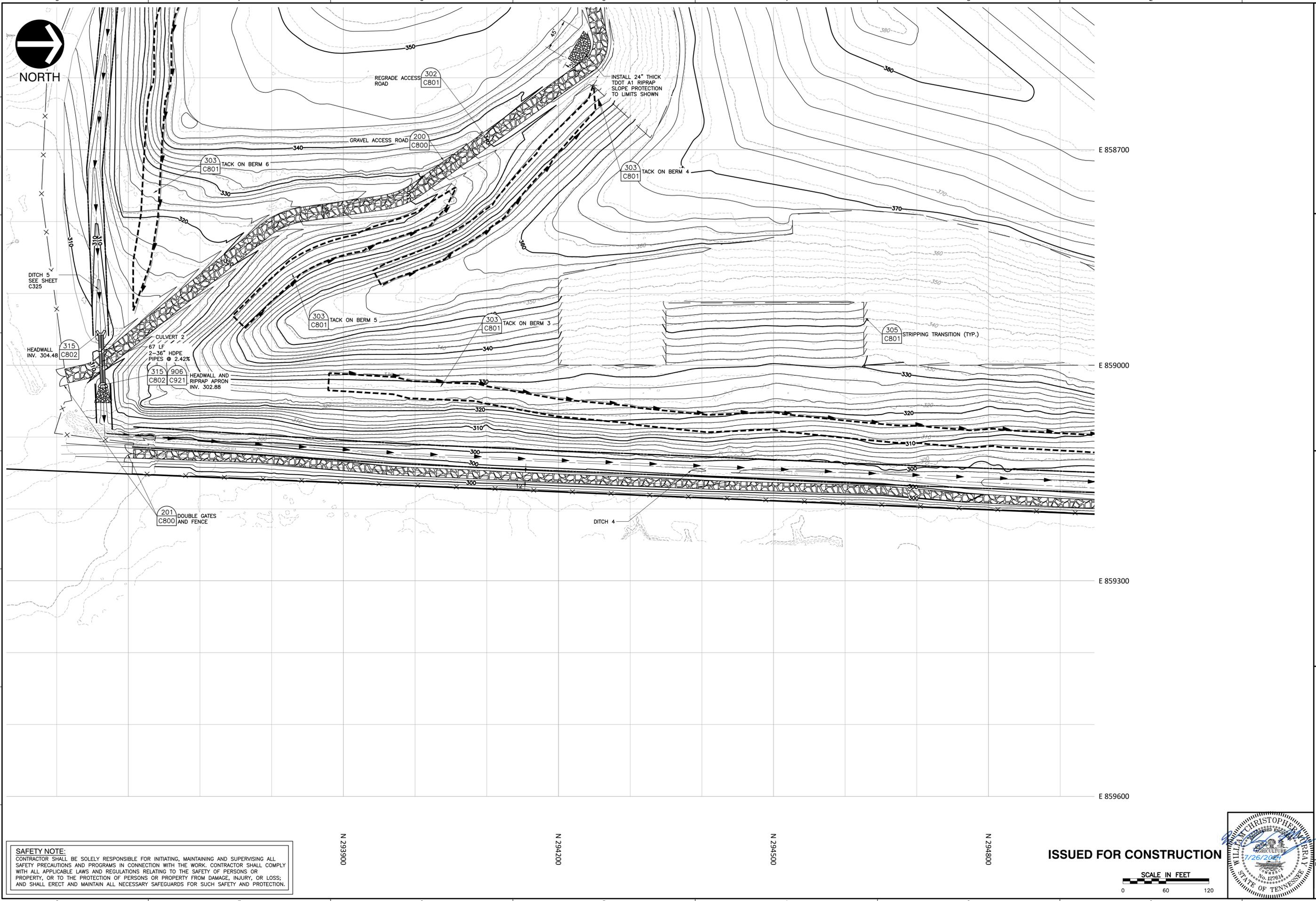
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 E 859600

**SAFETY NOTE:**  
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**SAFETY NOTE:**  
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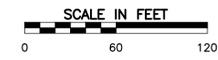
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ISSUED FOR CONSTRUCTION



**ENLARGED GRADING AND DRAINAGE PLAN**  
 JULY 2024 [DRAWN BY: AJW]  
 AS SHOWN [CHECKED BY: RGM]  
 PROJECT NO: 328-417.0011  
 APPROVED BY: WCM

**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION**  
**FINAL CLOSURE PLANS**  
**E-PLEX LANDFILL**  
**COLLIERVILLE, TENNESSEE**

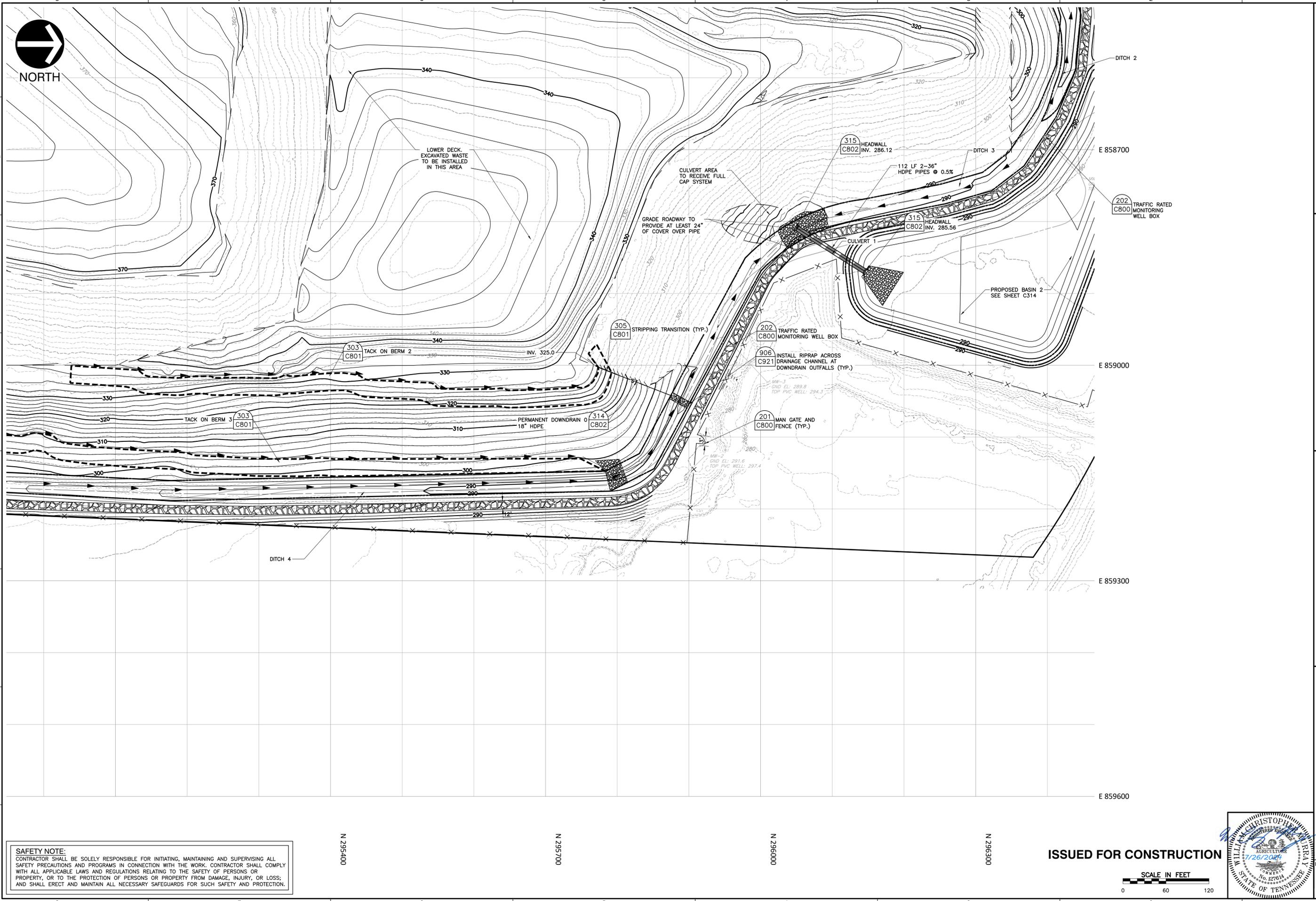
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NO	DATE	DESCRIPTION

DRAWING NO.: **C312**



NORTH



**SAFETY NOTE:**  
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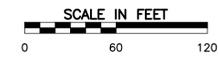
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ENLARGED GRADING AND DRAINAGE PLAN

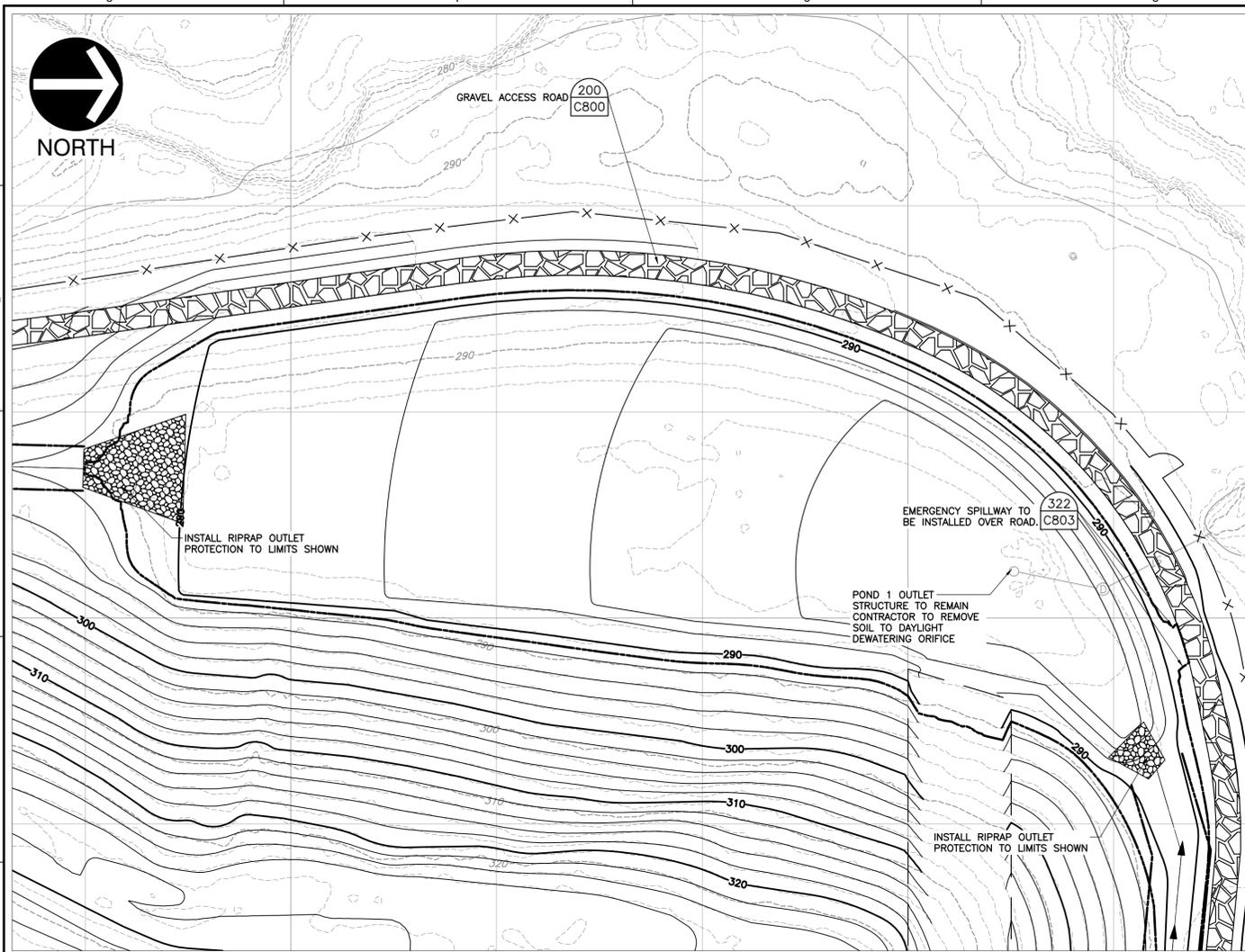
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 DATE: JULY 2024 [DRAWN BY: AJW]  
 DWG SCALE: AS SHOWN [CHECKED BY: RGM]  
 PROJECT NO: 328-417.0011  
 APPROVED BY: WCM

TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION  
 FINAL CLOSURE PLANS  
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 COLLIERVILLE, TENNESSEE

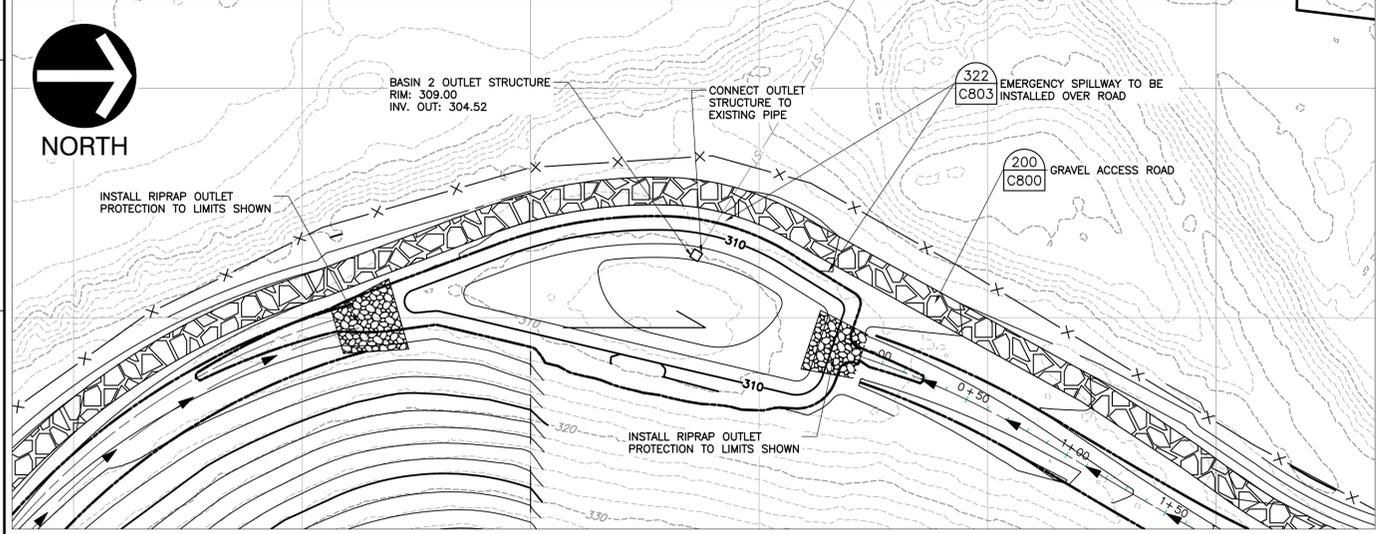
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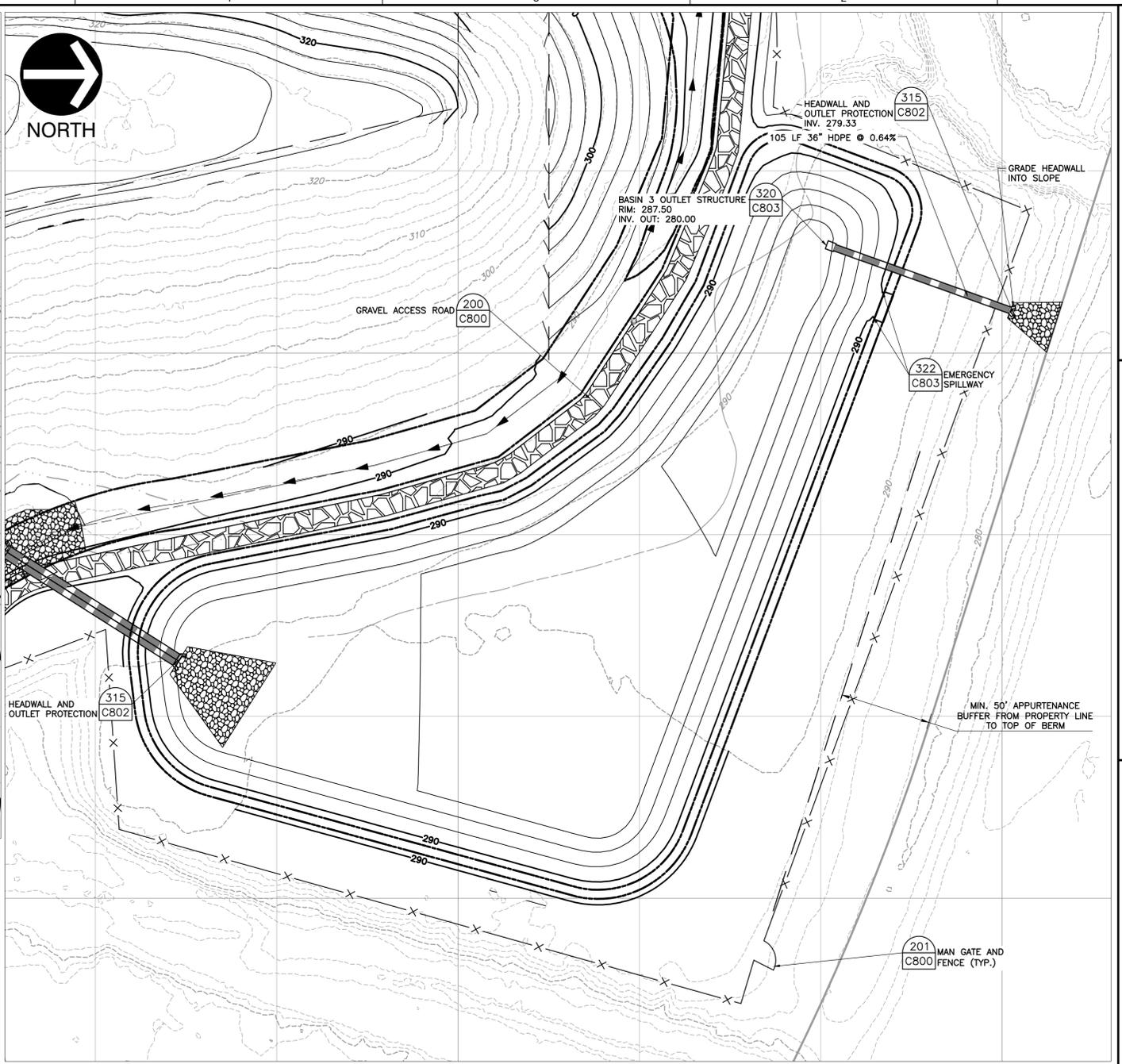
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**BASIN 1 GRADING PLAN**  
SCALE IN FEET  
0 40 80



**BASIN 2 GRADING PLAN**  
SCALE IN FEET  
0 40 80



**BASIN 3 GRADING PLAN**  
SCALE IN FEET  
0 40 80

**SAFETY NOTE:**  
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TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION  
FINAL CLOSURE PLANS  
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COLLIERVILLE, TENNESSEE

ENLARGED DETENTION POND GRADING AND DRAINAGE PLANS  
DATE: JULY 2024 | DRAWN BY: AJW  
DWG SCALE: AS SHOWN | CHECKED BY: RGM  
PROJECT NO.: 328-417.0011  
APPROVED BY: WCM

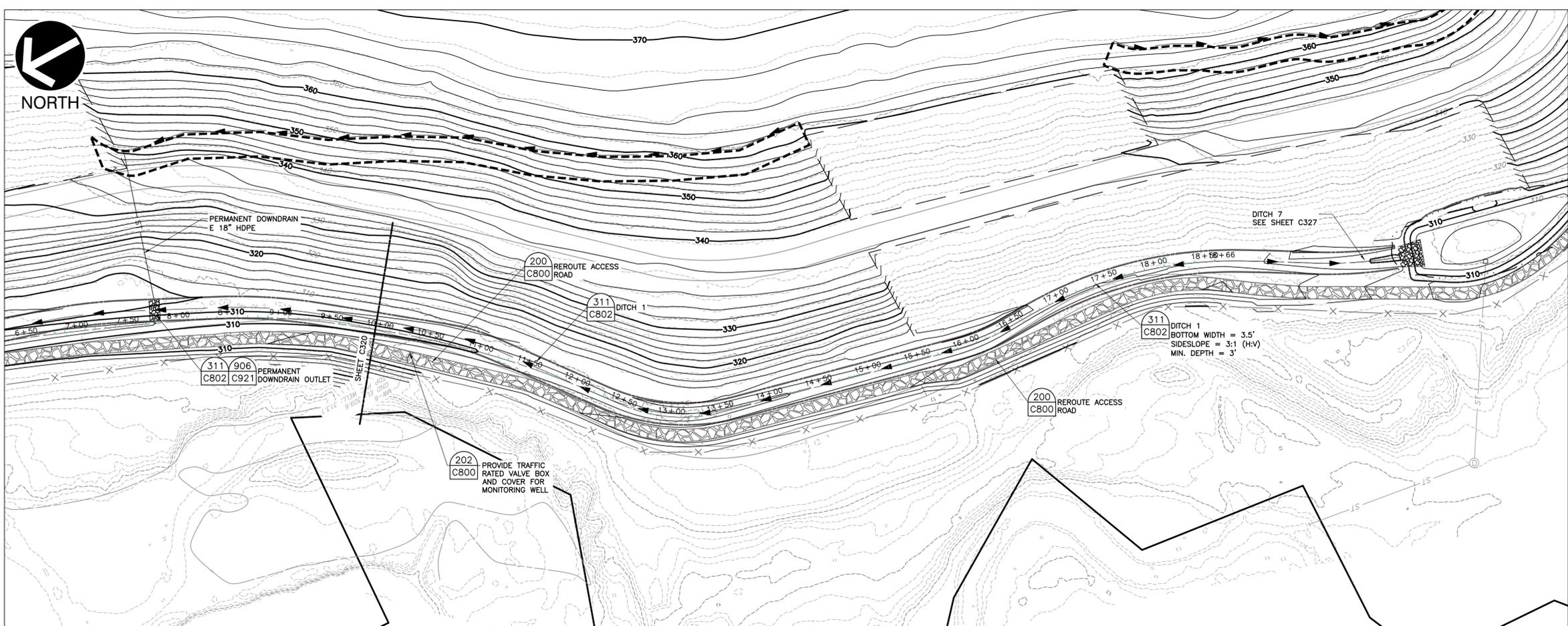


ISSUED FOR CONSTRUCTION

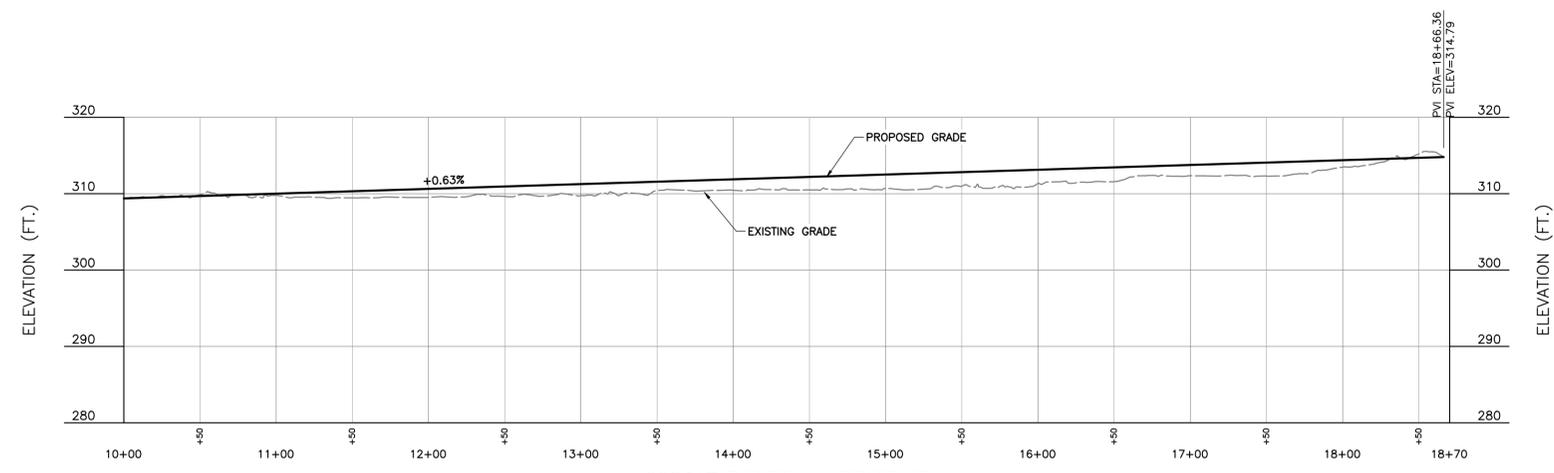
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DITCH 1 PLAN



328417-P-DITCH 1 PROFILE  
SCALE H:1"=60'; V:1"=12'

**DRAINAGE CHANNEL NOTES**  
1. SEE SHEET C902 FOR EROSION CONTROL MATTING, PERMANENT CHECK DAMS, AND RIPRAP STABILIZATION LOCATIONS.

NO.	DATE	REVISION RECORD DESCRIPTION

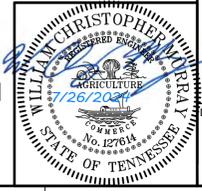
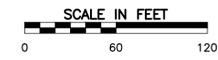
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**DITCH 1 PLAN AND PROFILE [2 OF 2]**  
DATE: JULY 2024 [DRAWN BY: AJW]  
DWG SCALE: AS SHOWN [CHECKED BY: RGM]  
PROJECT NO: 328-417.0011  
APPROVED BY: WCM

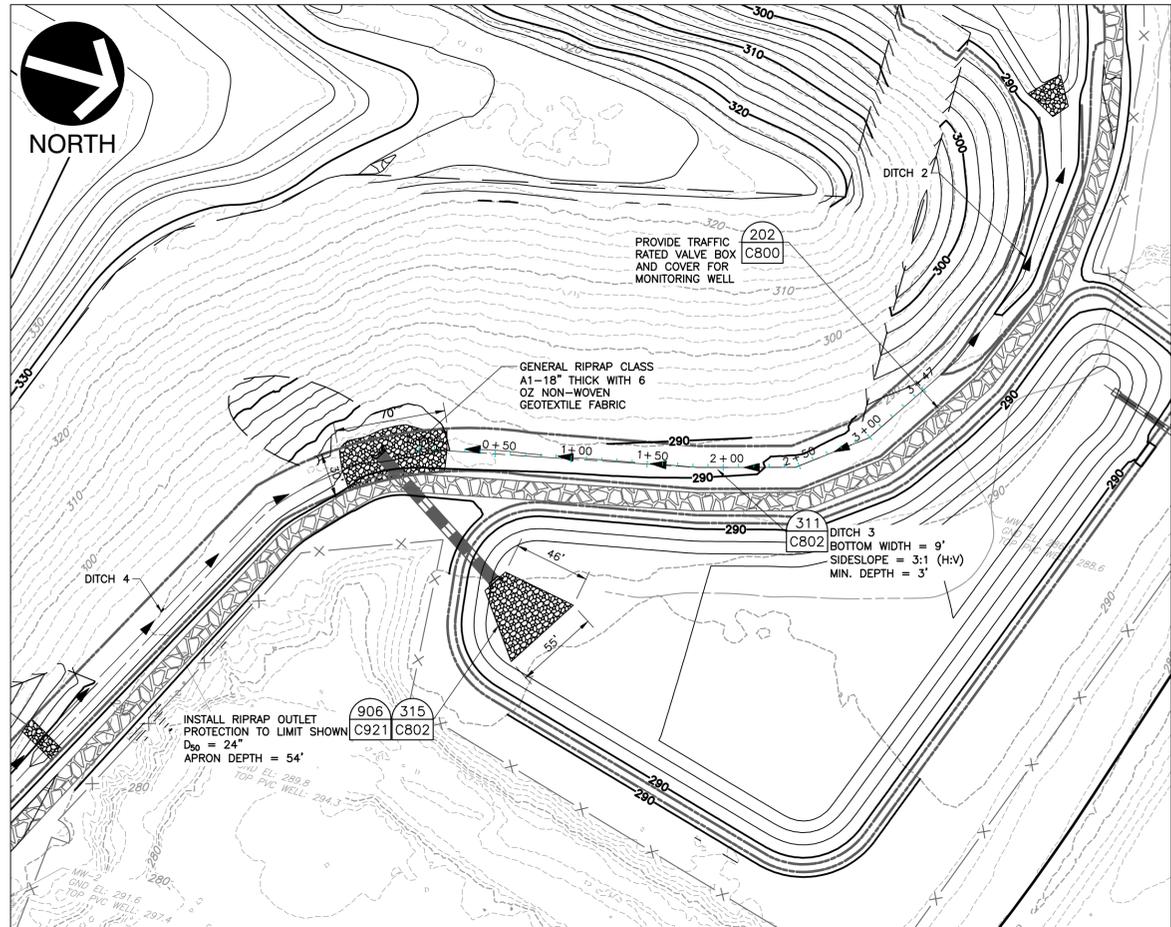
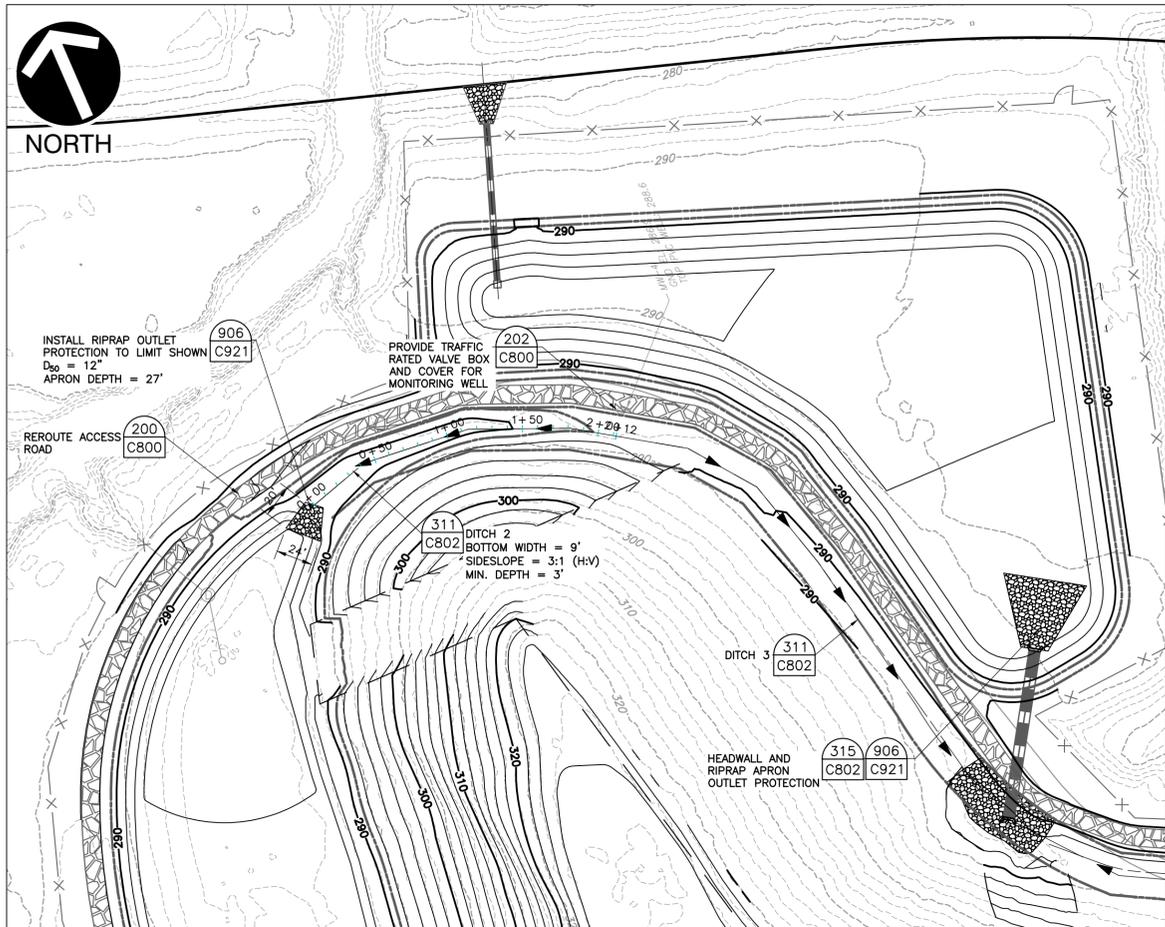
**SAFETY NOTE:**  
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**ISSUED FOR CONSTRUCTION**



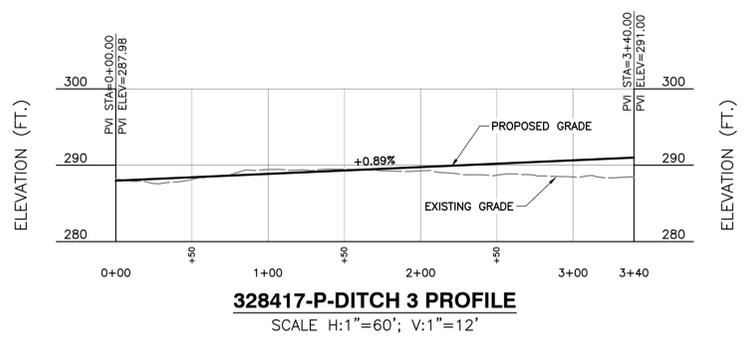
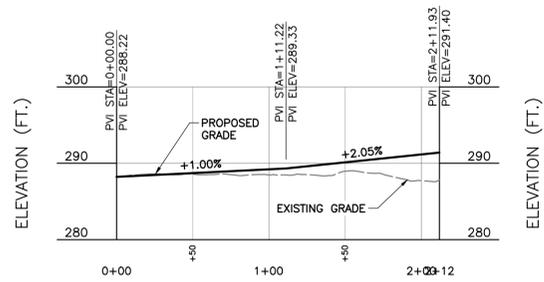
DRAWING NO.: **C321**

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**DRAINAGE CHANNEL NOTES**

- SEE SHEET C902 FOR EROSION CONTROL MATTING, PERMANENT CHECK DAMS, AND RIPRAP STABILIZATION LOCATIONS.



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**ISSUED FOR CONSTRUCTION**



NO.	DATE	REVISION RECORD DESCRIPTION

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www.cecinco.com

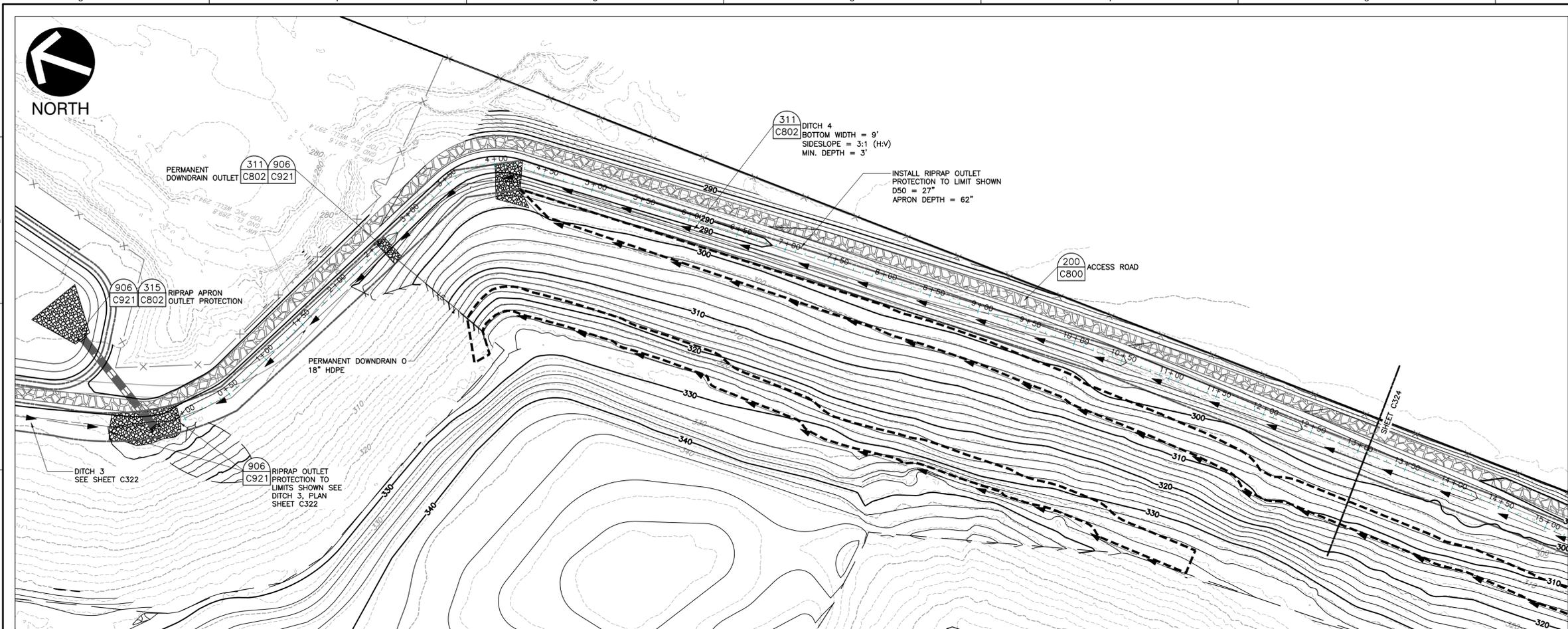
**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION**  
**FINAL CLOSURE PLANS**  
**E-PLEX LANDFILL**  
**COLLIERVILLE, TENNESSEE**

**DITCHES 2 AND 3 PLAN AND PROFILE**

DATE: JULY 2024 [DRAWN BY: AJW]  
DWG SCALE: AS SHOWN [CHECKED BY: RGM]  
PROJECT NO: 328-417.0011  
APPROVED BY: WCM

DRAWING NO.: **C322**

P:\328-417-001\DWG\417-C322.dwg | 328417-5902-C322.dwg | LS:17/10/2024 - amg | LP: 7/26/2024 10:00 AM



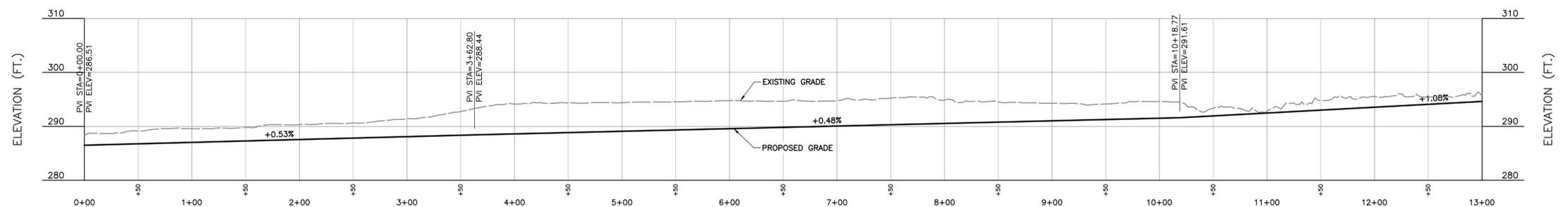
DITCH 4 PLAN

DRAINAGE CHANNEL NOTES  
1. SEE SHEET C902 FOR EROSION CONTROL MATTING, PERMANENT CHECK DAMS, AND RIPRAP STABILIZATION LOCATIONS.

NO.	DATE	DESCRIPTION

**CEC**  
**Civil & Environmental Consultants, Inc.**  
 117 Seaboard Lane - Suite E-100 - Franklin, TN 37067  
 615-333-7797 · 800-763-2326  
 www.cecinc.com

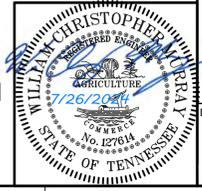
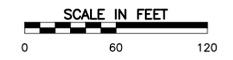
**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION**  
**FINAL CLOSURE PLANS**  
**E-PLEX LANDFILL**  
**COLLIERVILLE, TENNESSEE**



328417-P-DITCH 4 PROFILE  
SCALE H:1"=60'; V:1"=12'

**SAFETY NOTE:**  
 CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS RELATING TO THE SAFETY OF PERSONS OR PROPERTY, OR TO THE PROTECTION OF PERSONS OR PROPERTY FROM DAMAGE, INJURY, OR LOSS; AND SHALL ERECT AND MAINTAIN ALL NECESSARY SAFEGUARDS FOR SUCH SAFETY AND PROTECTION.

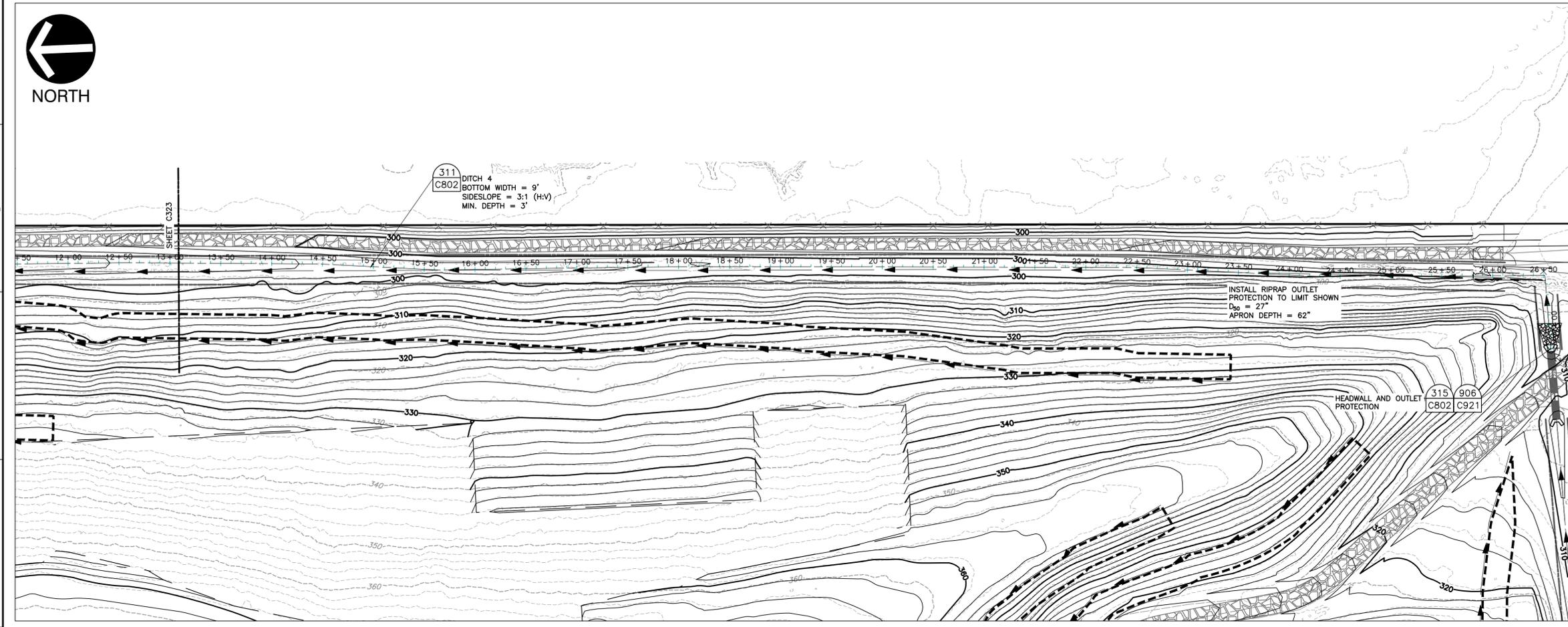
ISSUED FOR CONSTRUCTION



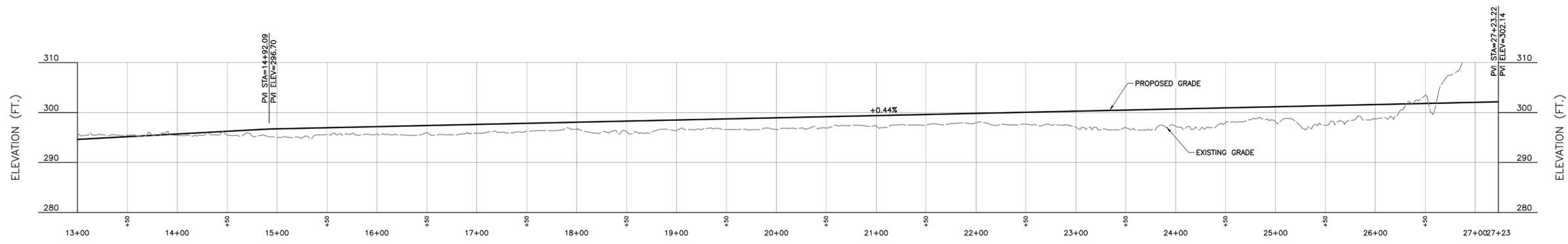
DITCH 4 PLAN AND PROFILE [1 OF 2]  
 DATE: JULY 2024 [DRAWN BY: AJW]  
 DWG SCALE: AS SHOWN [CHECKED BY: RGM]  
 PROJECT NO: 328-417.0011  
 APPROVED BY: WCM

DRAWING NO.: **C323**

P:\328-417\328-417-C323.dwg | 328417-P-DITCH 4 PROFILE | LS: 7/10/2024 10:01 AM



DITCH 4 PLAN



328417-P-DITCH 4 PROFILE  
SCALE H:1"=60'; V:1"=12'

**DRAINAGE CHANNEL NOTES**  
1. SEE SHEET C902 FOR EROSION CONTROL MATTING, PERMANENT CHECK DAMS, AND RIPRAP STABILIZATION LOCATIONS.

NO.	DATE	DESCRIPTION

**C&E**  
**Civil & Environmental Consultants, Inc.**  
 117 Seaboard Lane - Suite E-100 - Franklin, TN 37067  
 615-333-7797 · 800-763-2326  
 www.ccecinc.com

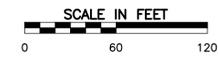
**TENNESSEE DEPARTMENT OF  
 ENVIRONMENT & CONSERVATION  
 FINAL CLOSURE PLANS  
 E-PLEX LANDFILL  
 COLLIERVILLE, TENNESSEE**

**DITCH 4 PLAN AND  
 PROFILE [2 OF 2]**

DATE: JULY 2024 [DRAWN BY: AJW]  
 DWG SCALE: AS SHOWN [CHECKED BY: RGM]  
 PROJECT NO: 328-417.0011  
 APPROVED BY: WCM

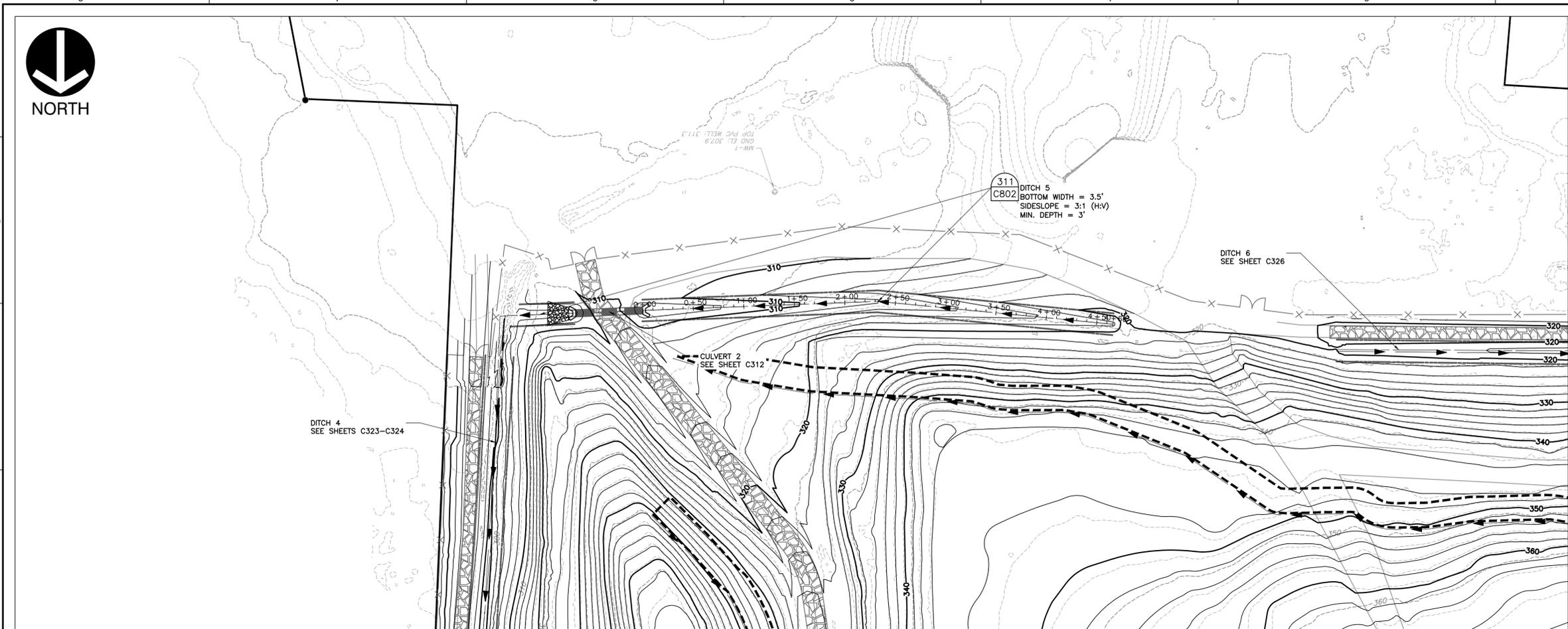
**SAFETY NOTE:**  
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**ISSUED FOR CONSTRUCTION**

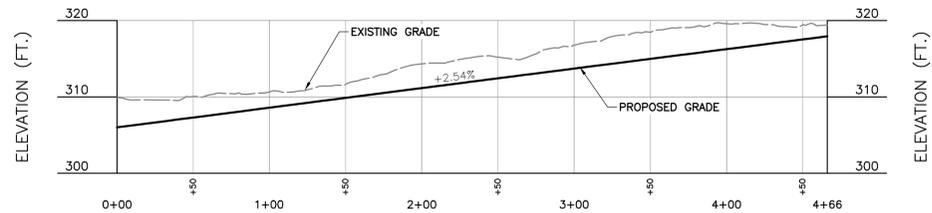


DRAWING NO.: **C324**

P:\328-417-001\DWG\417-C324.dwg - Final Closure\328417-5103-C320.dwg [C324] LS:17/10/2024 10:07 AM - LP: 7/26/2024 10:07 AM



DITCH 5 PLAN



328417-P-DITCH 5 PROFILE  
SCALE H:1"=60'; V:1"=12'

DRAINAGE CHANNEL NOTES

- 1. SEE SHEET C902 FOR EROSION CONTROL MATTING, PERMANENT CHECK DAMS, AND RIPRAP STABILIZATION LOCATIONS.

REVISION RECORD

NO.	DATE	DESCRIPTION

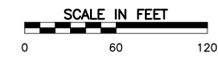
**Civil & Environmental Consultants, Inc.**  
117 Seaboard Lane - Suite E-100 - Franklin, TN 37067  
615-333-7797 · 800-763-2326  
www.cecinc.com

TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION  
FINAL CLOSURE PLANS  
E-PLEX LANDFILL  
COLLIERVILLE, TENNESSEE

DITCH 5 PLAN AND PROFILE	DATE: JULY 2024	DRAWN BY: AJW
	DWG SCALE: AS SHOWN	CHECKED BY: RGM
		PROJECT NO: 328-417.0011
		APPROVED BY: WCM

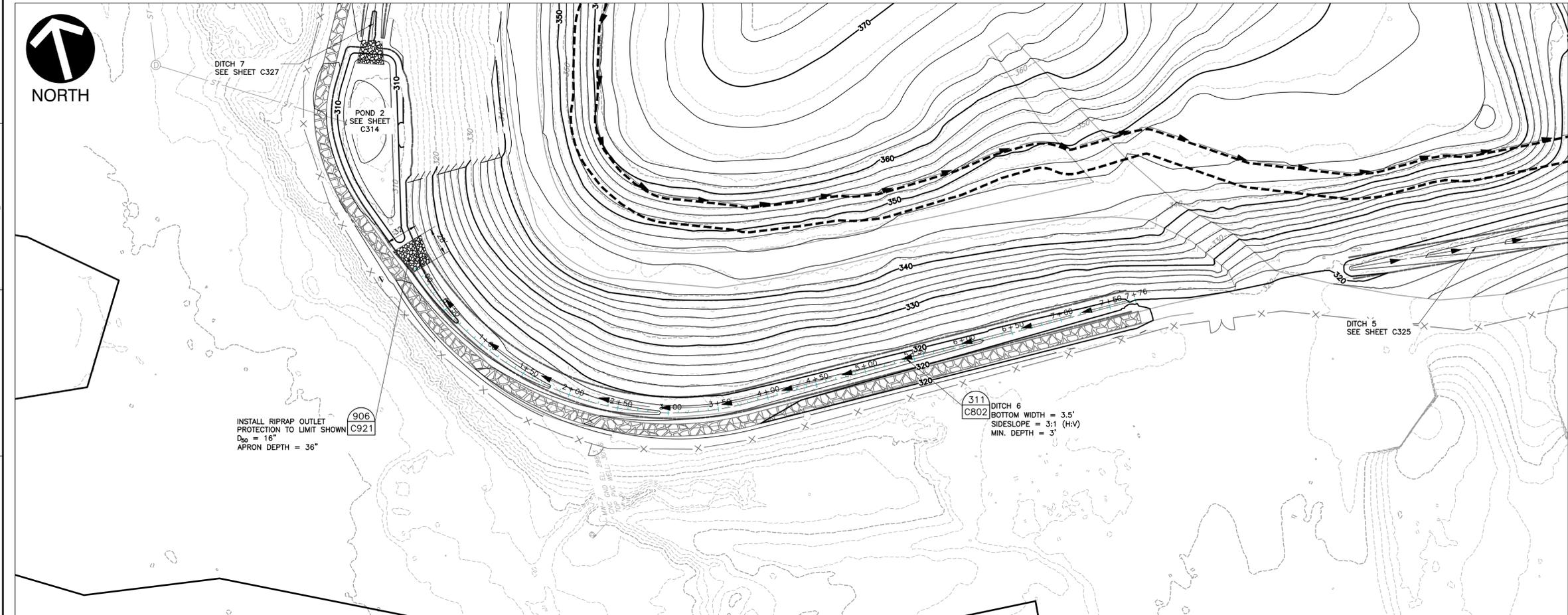
**SAFETY NOTE:**  
CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS RELATING TO THE SAFETY OF PERSONS OR PROPERTY, OR TO THE PROTECTION OF PERSONS OR PROPERTY FROM DAMAGE, INJURY, OR LOSS; AND SHALL ERECT AND MAINTAIN ALL NECESSARY SAFEGUARDS FOR SUCH SAFETY AND PROTECTION.

ISSUED FOR CONSTRUCTION

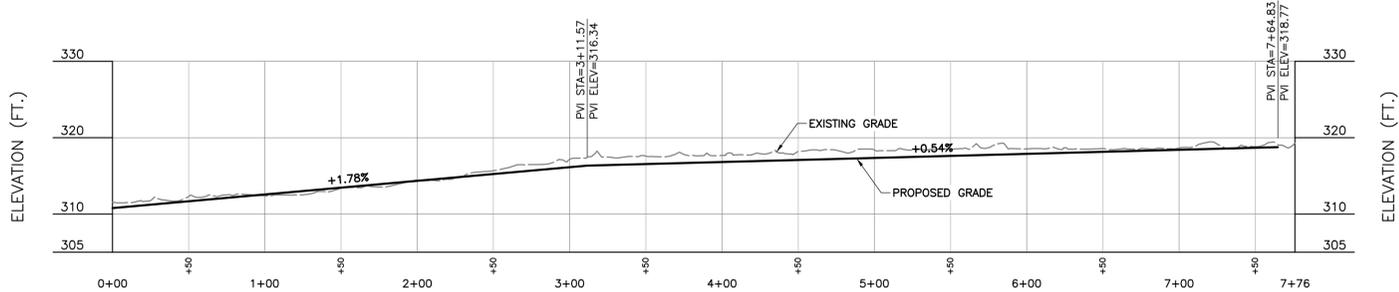


DRAWING NO.: **C325**

P:\320-000\328-417-C400\DWG\328417-P-DITCH 5 PROFILE-C325.dwg (C325) LS:17/10/2024 10:07 AM LP: 7/26/2024 10:07 AM



DITCH 6 PLAN



328417-P-DITCH 6 PROFILE  
SCALE H:1"=60'; V:1"=12'

DRAINAGE CHANNEL NOTES  
1. SEE SHEET C902 FOR EROSION CONTROL MATTING, PERMANENT CHECK DAMS, AND RIPRAP STABILIZATION LOCATIONS.

NO.	DATE	DESCRIPTION

**C&E**  
**Civil & Environmental Consultants, Inc.**  
 117 Seaboard Lane - Suite E-100 - Franklin, TN 37067  
 615-333-7797 · 800-763-2326  
 www.cecinco.com

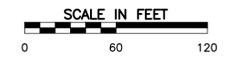
**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION**  
**FINAL CLOSURE PLANS**  
**E-PLEX LANDFILL**  
**COLLIERVILLE, TENNESSEE**

**DITCH 6 PLAN AND PROFILE**

DATE: JULY 2024 [DRAWN BY: AJW]  
 DWG SCALE: AS SHOWN [CHECKED BY: RGM]  
 PROJECT NO: 328-417.0011  
 APPROVED BY: WCM

**SAFETY NOTE:**  
 CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS RELATING TO THE SAFETY OF PERSONS OR PROPERTY, OR TO THE PROTECTION OF PERSONS OR PROPERTY FROM DAMAGE, INJURY, OR LOSS; AND SHALL ERECT AND MAINTAIN ALL NECESSARY SAFEGUARDS FOR SUCH SAFETY AND PROTECTION.

ISSUED FOR CONSTRUCTION



DRAWING NO.: **C326**

P:\328-417\328-417-CAD\DWG\328417-P-DITCH 6 PLAN.dwg (C326) LS:17/10/2024 - LP: 7/26/2024 10:07 AM





P:\320-000\320-417-CADD\DWG\320-417-C351-CONSTR-GRID-TABLE.dwg (last modified) - LP: 7/26/2024 10:02 AM

Point Table				
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5	294000.0000	858664.6962	344.050	
6	293900.0000	858673.0496	344.106	
7	293800.0000	858674.2042	344.118	
8	293700.0000	858663.3497	344.519	
9	293671.3258	858600.0000	342.782	
10	293670.7373	858500.0000	343.204	
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18	293900.0000	857821.8721	360.642	
19	294000.0000	857849.6123	361.569	
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21	294200.0000	857936.2423	362.982	
22	294300.0000	857967.1852	362.635	
23	294500.0000	858025.3188	362.314	
24	294600.0000	858057.0113	362.356	
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26	294700.0000	858142.9086	363.831	
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30	294900.0000	858312.4814	363.646	
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32	295100.0000	858425.9835	362.288	
33	295200.0000	858465.1357	359.759	
34	295260.8203	858500.0000	359.926	
35	295290.2641	858600.0000	360.096	
36	295266.9074	858700.0000	366.438	
37	295248.2221	858800.0000	366.960	
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40	295000.0000	858863.6735	366.257	
41	294900.0000	858845.0518	367.564	
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46	294400.0000	858817.8735	361.492	
47	294300.0000	858830.8471	360.383	
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103	294900.0000	858400.0000	367.909	
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156	294200.0000	858827.5984	359.731	
157	294200.0000	858540.3943	344.711	
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169	295855.8433	858700.0000	329.151	
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179	295411.1950	858700.0000	338.220	
180	295419.3202	858600.0000	336.626	
181	295421.5123	858500.0000	332.468	
182	295417.7943	858400.0000	328.422	
183	295487.9818	858400.0000	325.875	
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185	295600.0000	858500.0000	331.513	

186	295700.0000	858500.0000	330.966	
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192	295500.0000	858700.0000	342.876	
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196	295500.0000	858800.0000	345.283	
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201				



Point Table				249	294900.0000	859000.0000	333.236	328	295100.0000	858200.0000	314.208	390	293600.0000	858500.0000	321.275	453	296350.1913	858441.9639	288.000	517	295200.0000	858292.7898	328.026	
Raw	Description	Northing	Easting	Existing Elevation	250	295000.0000	859000.0000	334.932	329	294200.0000	858649.0257	339.726	391	293600.0000	858600.0000	322.480	454	296418.1116	858600.0000	288.649	518	295300.0000	858326.2326	326.915
3	293683.0866	858343.2749	340.423	251	295100.0000	859000.0000	336.048	330	294135.4199	858700.0000	337.639	392	293600.0000	858700.0000	322.807	455	296407.8635	858500.0000	289.663	519	295400.0000	858266.8661	304.123	
4	294100.0000	858620.7616	344.374	252	295200.0000	858975.0673	344.350	331	294100.0000	858727.9577	334.581	393	293600.0000	858800.0000	317.262	456	296400.0000	858500.0000	290.451	520	295300.0000	858233.6712	305.383	
5	294000.0000	858664.6962	344.050	253	295300.0000	858950.1346	345.213	332	294000.0000	858796.4666	328.632	394	293600.0000	858900.0000	311.852	457	296350.1498	858500.0000	298.640	521	295200.0000	858200.0000	307.008	
6	293900.0000	858673.0496	344.106	254	294350.0000	859000.0000	329.862	333	293900.0000	858812.7101	326.212	395	293600.0000	858934.1377	310.794	458	296350.0783	858600.0000	302.881	522	295200.0000	858192.2666	306.576	
7	293800.0000	858674.2042	344.118	255	294200.0000	859000.0000	330.801	334	293800.0000	858837.9252	322.334	396	293648.8084	858900.0000	312.568	459	296350.0068	858700.0000	289.685	523	295100.0000	858148.9732	308.492	
8	293700.0000	858663.3497	344.519	256	294200.0000	858900.0000	350.758	335	293727.9127	858900.0000	317.391	397	293700.0000	858858.0528	316.446	460	296360.3390	858700.0000	289.196	524	295017.4118	858100.0000	308.742	
9	293671.3258	858660.0000	342.782	257	294200.0000	858873.1063	355.446	336	293700.0000	858924.0358	315.977	398	293767.4165	858800.0000	320.469	461	296400.0000	858646.8017	288.287	525	295000.0000	858089.1171	309.147	
10	293670.7373	858500.0000	343.204	258	294300.0000	858849.5526	356.857	337	293600.0000	859000.0000	0.000	399	293800.0000	858775.5322	321.867	462	296400.0000	858600.0000	291.367	526	295369.3610	858930.1448	344.489	
14	293837.9873	858199.3130	358.877	259	294300.0000	858657.9024	357.243	338	293600.0000	859027.3425	314.288	400	293900.0000	858762.2725	323.571	463	294300.0000	859000.0000	330.492	527	294228.6906	858487.2070	345.106	
15	293812.1907	858100.0000	360.357	260	294200.0000	858700.0000	346.708	339	293640.6790	859100.0000	299.277	401	294000.0000	858736.5926	327.665	465	293900.0000	857615.4728	311.330	528	294259.3922	858481.7025	343.465	
16	293807.7233	858000.0000	361.812	261	294100.0000	858800.0000	347.974	340	293700.0000	859111.1420	299.224	402	294054.7188	858700.0000	334.134	466	293800.0000	857630.7937	315.025	529	294350.0041	858913.4615	345.880	
17	293824.6223	857900.0000	361.096	262	294000.0000	858800.0000	329.691	341	293800.0000	859116.0248	299.530	403	294100.0000	858664.2586	337.063	467	293700.0000	857690.1898	315.504	530	294626.0379	858912.4488	344.000	
18	293900.0000	857821.8721	360.642	263	294000.0000	858900.0000	334.814	342	293900.0000	859121.3396	298.214	404	294181.4101	858600.0000	338.689	468	293900.0000	857700.0000	335.413	531	294350.0000	858837.7758	358.316	
19	294000.0000	857849.6123	361.569	264	293900.0000	858900.0000	352.699	343	294000.0000	859128.4070	298.177	405	294200.0000	858585.3266	339.387	469	293629.2527	857800.0000	317.865	532	294522.4968	858809.5851	363.255	
20	294100.0000	857893.9921	363.150	265	294000.0000	858900.0000	356.379	344	294100.0000	859135.8535	297.471	406	294230.9842	858500.0000	344.269	470	293616.1674	857900.0000	319.444	533	296038.4040	858563.1002	326.414	
23	294500.0000	858025.3188	362.314	266	294100.0000	858900.0000	353.254	345	294200.0000	859143.3000	296.513	407	294000.0000	858700.0000	335.234	471	293612.7469	858000.0000	318.790	534	295934.5275	858648.8512	329.402	
24	294600.0000	858057.0113	362.356	267	293700.0000	859000.0000	328.921	346	294300.0000	859147.3919	296.433	408	293900.0000	858700.0000	337.492	472	293610.9904	858100.0000	319.444	535	295200.0000	858322.7192	328.923	
25	294660.0167	858100.0000	362.344	268	293800.0000	859000.0000	336.300	347	294400.0000	859148.7505	296.071	409	293800.0000	858700.0000	337.980	473	293608.6663	858200.0000	319.146	536	295300.0000	858359.1859	330.913	
26	294700.0000	858142.9086	363.831	269	293900.0000	859000.0000	333.607	348	294500.0000	859147.4407	296.390	410	293700.0000	858700.0000	338.347	474	293600.0000	858298.1616	319.398	537	295400.0000	858398.2199	329.365	
27	294753.1992	858200.0000	364.509	270	294000.0000	859000.0000	333.491	349	294600.0000	859151.2923	295.578	411	293700.0000	858800.0000	318.916	475	293600.0000	858375.6741	323.589	538	295719.1472	858981.0753	328.347	
28	294800.0000	858244.5686	364.116	271	294100.0000	859000.0000	332.817	350	294700.0000	859152.6376	294.990	412	294600.0000	857934.2453	337.788	476	293677.8390	858300.0000	341.484	539	295845.6743	859030.7556	299.650	
29	294880.8058	858300.0000	362.962	272	293700.0000	859100.0000	300.314	351	294800.0000	859151.3152	295.799	413	294600.0000	858000.0000	351.764	477	293698.8346	858200.0000	342.371	540	295906.2864	859010.5733	290.605	
31	295000.0000	858373.5563	361.704	273	293800.0000	859100.0000	300.445	352	294900.0000	859152.8484	296.629	414	294500.0000	858000.0000	358.345	478	293700.0000	858100.0000	341.118	541	293723.5599	858267.8579	343.782	
32	295100.0000	858425.9835	362.288	274	293900.0000	859100.0000	304.143	353	295000.0000	859154.4348	297.295	415	294700.0000	857995.2841	338.126	479	293706.9180	858100.0000	341.858	542	293842.3018	858217.5277	359.411	
45	294500.0000	858809.1129	363.110	275	294000.0000	859100.0000	303.365	354	295100.0000	859156.0212	297.144	416	294700.0000	858000.0000	338.285	480	293700.0000	858000.0000	340.952	543	294318.0784	858674.3005	361.679	
46	294400.0000	858817.8735	361.492	276	294100.0000	859100.0000	303.124	355	295200.0000	859156.0851	297.064	417	294700.0000	858100.0000	358.334	481	293707.9604	858000.0000	341.985	544	296000.0000	858776.1520	296.965	
47	294300.0000	858830.8471	360.383	277	294200.0000	859100.0000	307.499	356	295300.0000	859155.7794	297.426	418	294800.0000	858100.0000	339.093	482	293700.0000	857900.0000	336.682	545	296000.0000	858800.0000	292.684	
48	294180.4101	858880.0000	359.887	278	294300.0000	859100.0000	309.373	357	295400.0000	859155.4168	296.391	419	294800.0000	858085.3109	337.063	483	293715.2627	857900.0000	342.059	546	295945.1487	858800.0000	302.967	
49	294129.5188	858600.0000	345.110	279	294400.0000	859100.0000	310.605	358	295500.0000	859155.2131	296.828	420	294800.0000	858200.0000	359.418	484	293700.0000	857800.0000	330.696	547	296000.4631	858830.5606	289.267	
50	294299.5690	858687.6443	360.941	280	294400.0000	859000.0000	328.645	359	295600.0000	859154.2539	296.559	421	294900.0000	858200.0000	345.038	485	293745.6724	857800.0000	341.232	548	295985.7498	858828.6345	291.604	
155	294200.0000	858772.8715	359.745	281	294500.0000	859000.0000	327.624	360	295700.0000	859152.5389	296.089	422	294900.0000	858300.0000	362.129	486	293800.0000	857735.9721	341.019	549	296046.6284	858791.9234	285.352	
156	294200.0000	858827.5984	359.731	282	294600.0000	859000.0000	328.353	361	295800.0000	859146.0777	294.336	423	294900.0000	858168.1142	337.336	487	293700.0000	857700.0000	316.688	550	296350.0000	858709.4961	289.363	
157	294200.0000	858540.3943	344.711	283	294500.0000	859100.0000	307.705	362	295858.8632	859100.0000	292.262	424	294940.3865	858200.0000	337.644	488	293800.0000	857700.0000	331.661	552	293900.0000	857726.0460	342.014	
162	295700.0000	858471.6139	327.966	284	294600.0000	859100.0000	308.274	363	295900.0000	859022.3928	290.672	425	295000.0000	858300.0000	348.776	489	294500.0000	857800.0000	317.024	553	294000.0000	857741.3232	342.034	
163	295800.0000	858500.0000	328.546	285	294600.0000	857898.6861	336.246	364	295900.0000	859007.2298	290.828	426	295000.0000	858247.4303	335.509	490	294600.0000	857801.0506	311.420					
164	295900.0000	858551.9955	329.322	286	294700.0000	857954.6219	335.831	365	295886.4067	859000.0000	293.375	427	295100.0000	858292.0720	333.316	491	295300.0000	858300.0000	321.385					
165	296000.0000	858562.5336	327.185	287	294749.9642	858000.0000	336.477	366	295800.0000	859012.8217	313.387	428	295100.0000	858300.0000	336.091	492	294500.0000	857779.1123	311.546					
166	296000.0000	858593.1126	328.362	288	294800.0000	858045.4792	336.149	367	295767.3452	859000.0000	324.317	429	2											



- GRID STAKING NOTES**
- SEE SHEET C801 FOR FINAL REGULATORY COVER DETAILS.
  - LANDFILL SURFACE OUTBREAK REPAIRS – EXCAVATE INTO THE WASTE DIRECTING THE OUTBREAK INWARD. PROCURE AND INSTALL 57 STONE TO WITHIN 2' OF THE LANDFILL SURFACE AND COVER/PLUG WITH SOIL FROM EXCAVATION OR AVAILABLE ONSITE STOCKPILE. WASTE TO BE RELOCATED TO THE LOWER DECK AND COVERED WITH A 12" LAYER OF INTERMEDIATE SOIL.
  - PROCURE (EXCAVATE / TRANSPORT/ STOCKPILE ON SITE (AS REQUIRED) CONTRACTOR SOURCED 18" (MIN) LOW PERM CLAY.
  - PROCURE (EXCAVATE / TRANSPORT/ STOCKPILE ON SITE (AS REQUIRED) CONTRACTOR SOURCED 12" (MIN) VEGETATIVE LAYER.
  - FINAL CAP ACCESS ROAD STRUCTURAL FILL – 12" BASE (ROAD CROSS SECTION GRAVEL) USING STOCKPILED MATERIAL STRIPPED FROM EXISTING ROADWAY.
  - ENCOUNTERED WASTE TO BE TRANSPORTED TO THE LOWER DECK AREA. INTERMEDIATE COVER TO BE REMOVED, WASTE DEPOSITED THEN RECOVERED USING REMOVED INTERMEDIATE COVER IN ACCORDANCE WITH THE REGULATORY COVER SECTION. FINAL REGULATORY COVER TO BE PROVIDED AT END OF PROJECT.

REVISION RECORD	
NO	DESCRIPTION

**C&E**  
**Civil & Environmental Consultants, Inc.**  
 117 Seaboard Lane - Suite E-100 - Franklin, TN 37067  
 615-333-7797 · 800-763-2326  
 www.cecinco.com

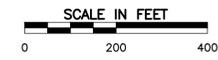
**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION**  
**FINAL CLOSURE PLANS**  
**E-PLEX LANDFILL**  
**COLLIERVILLE, TENNESSEE**

**REWORK AREAS**  
**GRID STAKING PLAN**

DATE: JULY 2024 [DRAWN BY: AJW]  
 AS SHOWN [CHECKED BY: RGM]  
 PROJECT NO: 328-417.0011  
 APPROVED BY: WCM



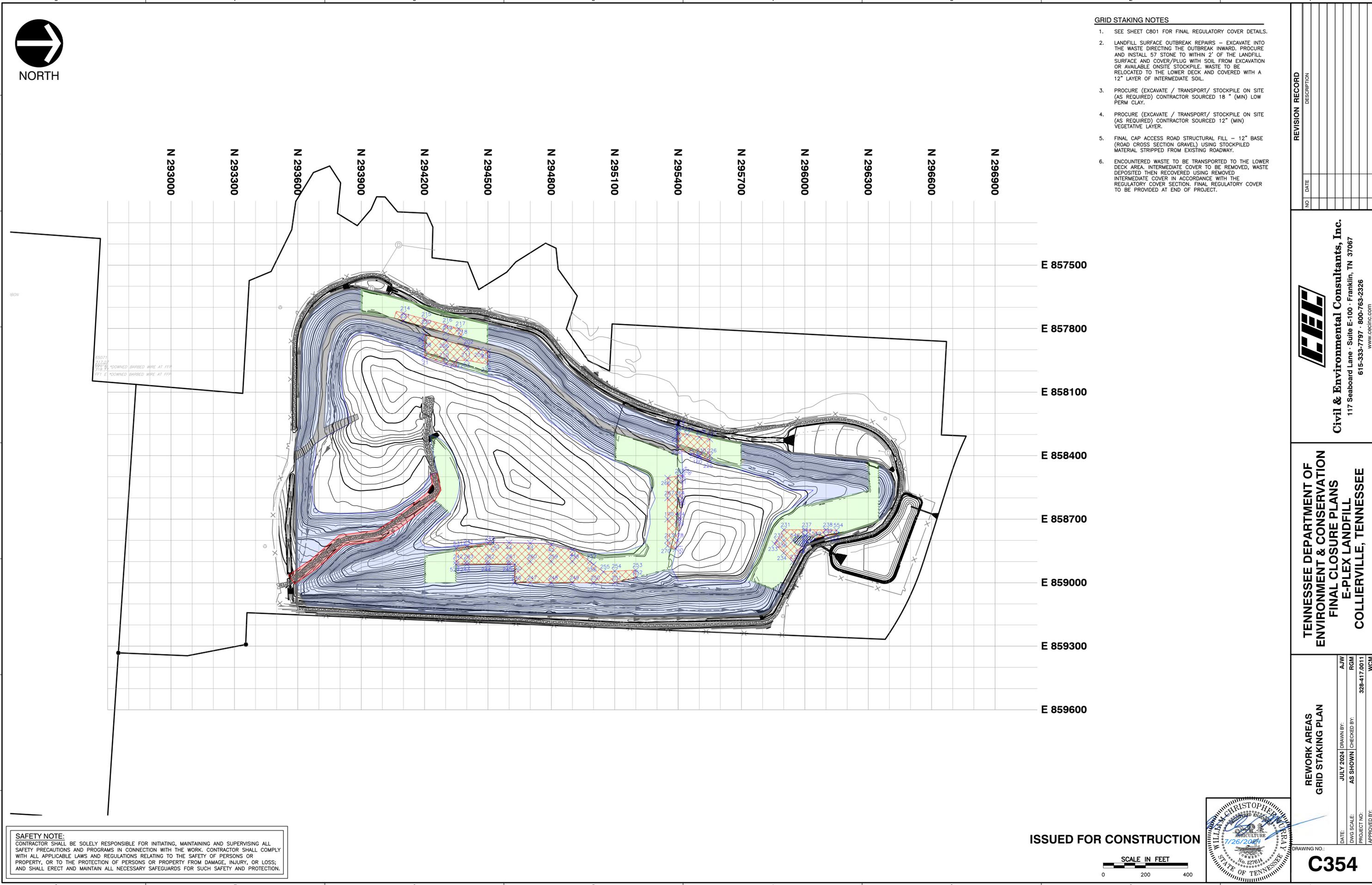
**ISSUED FOR CONSTRUCTION**



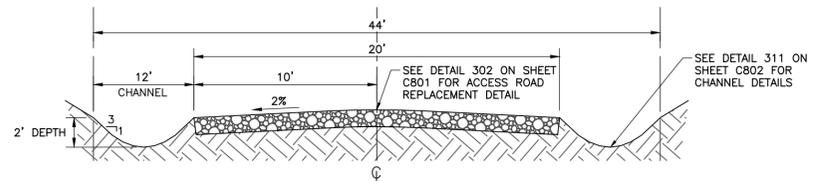
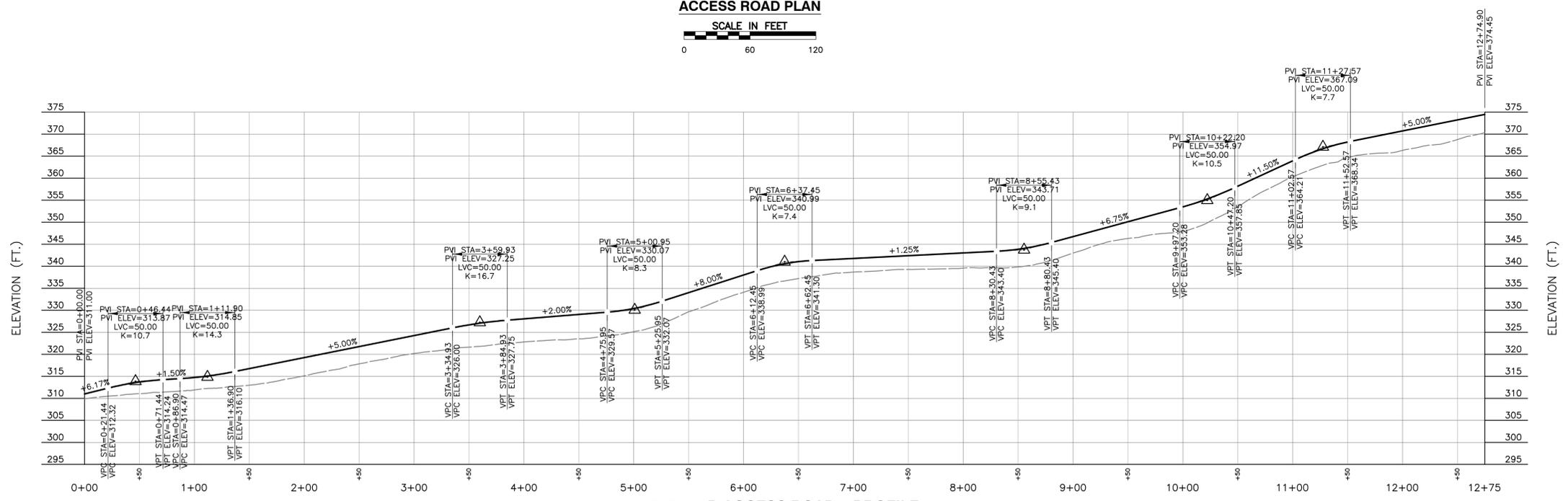
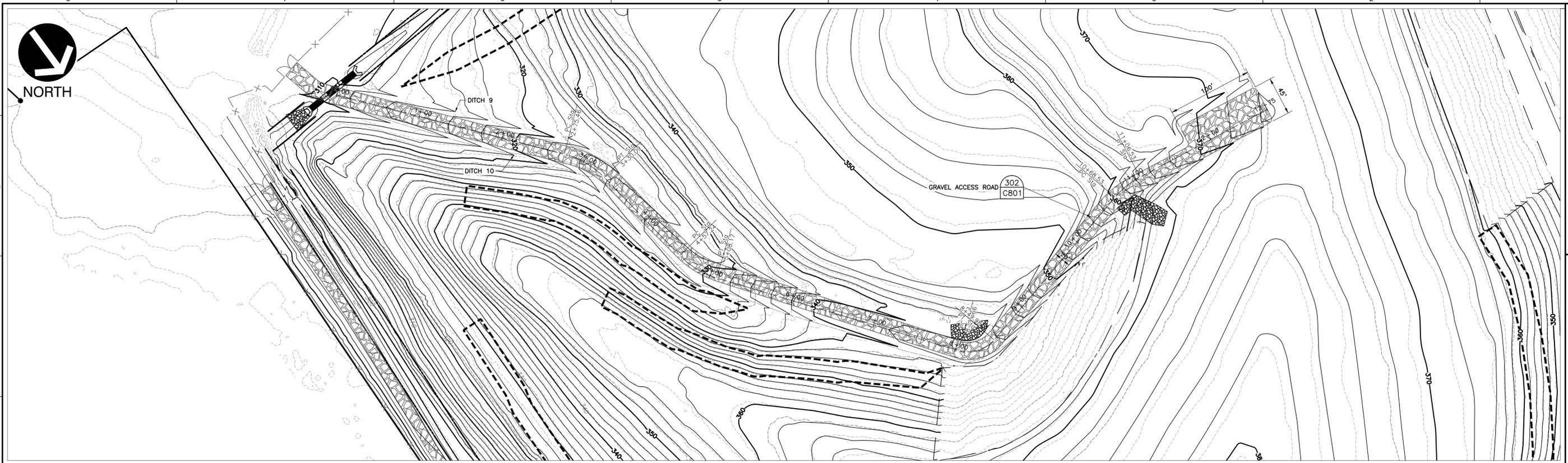
DRAWING NO.: **C354**

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**SAFETY NOTE:**  
 CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS RELATING TO THE SAFETY OF PERSONS OR PROPERTY, OR TO THE PROTECTION OF PERSONS OR PROPERTY FROM DAMAGE, INJURY, OR LOSS; AND SHALL ERECT AND MAINTAIN ALL NECESSARY SAFEGUARDS FOR SUCH SAFETY AND PROTECTION.







**SAFETY NOTE:**  
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**ISSUED FOR CONSTRUCTION**



NO.	DATE	DESCRIPTION

**C&E**  
**Civil & Environmental Consultants, Inc.**  
117 Seaboard Lane - Suite E-100 - Franklin, TN 37067  
615-333-7797 · 800-763-2326  
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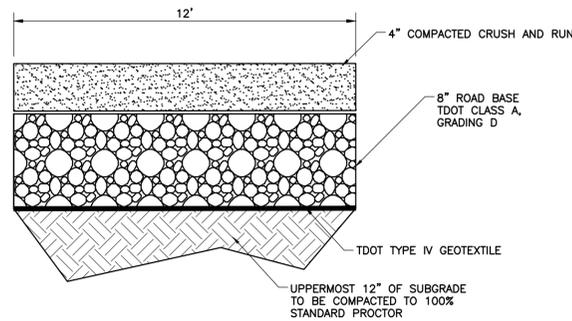
**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION**  
**FINAL CLOSURE PLANS**  
**E-PLEX LANDFILL**  
**COLLIERVILLE, TENNESSEE**

**ACCESS ROAD PLAN AND PROFILE**

DATE: JULY 2024 [DRAWN BY: AJW]  
DWG SCALE: AS SHOWN [CHECKED BY: RGM]  
PROJECT NO: 328-417.0011  
APPROVED BY: WCM

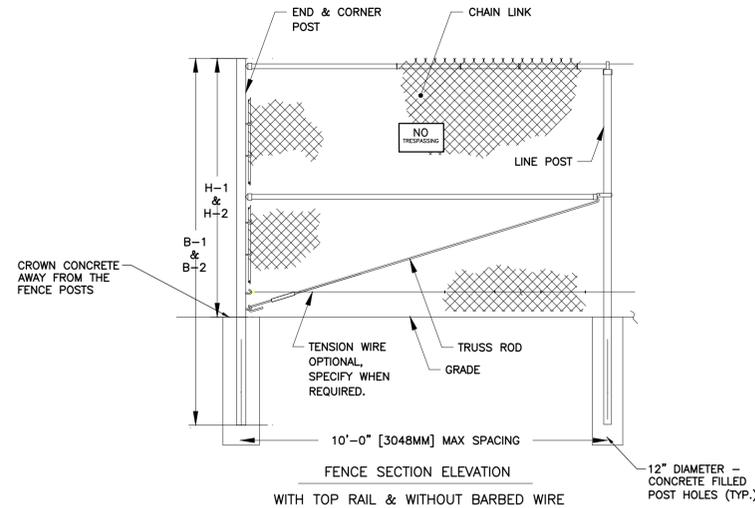
DRAWING NO.: **C600**

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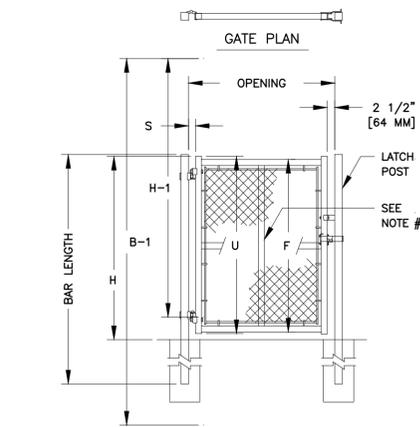
NOTE: CONTRACTOR TO PROVIDE MATERIAL CERTIFICATION DATA TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.

**DETAIL 200**  
GRAVEL PERIMETER ACCESS ROAD TYPICAL SECTION  
N.T.S.



FENCE HEIGHT	END & CORNER POSTS		LINE POSTS	
	NOMINAL HEIGHT	B-1 BAR LENGTH	H-1 HEIGHT ABOVE GRADE	B-2 BAR LENGTH
8'-0" [2438MM]	11'-0" [3353MM]	8'-0 5/8" [2454MM]	10'-8" [3251MM]	7'-8 7/8" [2359MM]

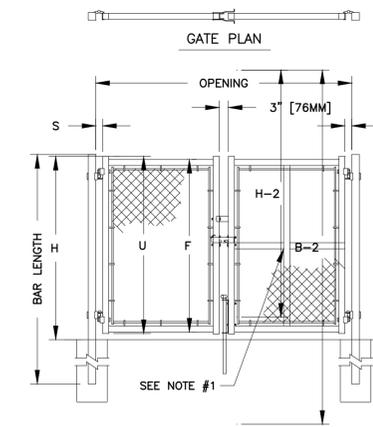
- NOTES:
- INSTALL 14"x10" NO TRESPASSING SIGN ALONG FENCE AT 200 FT INTERVALS.
  - ALONG NORTH AND EAST SIDES OF PROPERTY, NO TRESPASSING SIGNS TO BE INSTALLED AT 50 FT INTERVALS.
  - ALL FENCE MATERIAL TO BE GALVANIZED.
  - TOP RAIL SHOULD BE 1-5/8" O.D.
  - TERMINAL POSTS SHOULD BE 2-7/8" O.D.
  - LINE POSTS SHOULD BE 2-3/8" O.D.
  - TERMINAL AND GATE POSTS SHOULD BE SCHEDULE 40.
  - LINE POSTS CAN BE 16 GAUGE.



SINGLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
3'-0" [914MM] THROUGH	2 1/2" [63.5MM] SQ OR 2.875" [73MM] OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
6'-0" [1829MM] THROUGH	3" [76MM] SQ OR 4" [102MM] OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
7'-0" [2134MM] THROUGH	4" [102MM] OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
10'-0" [3048MM] THROUGH	4" [102MM] SQ OR 4" [102MM] OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
11'-0" [3353MM] THROUGH	4" [102MM] SQ OR 4" [102MM] OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
12'-0" [3658MM] THROUGH	4" [102MM] SQ OR 4" [102MM] OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
13'-0" [3962MM] THROUGH	6" [152MM] SQ OR 6.625" [168MM] OD	FOR GATE POSTS: SQ-2 1/4" [57MM] RND-3 1/2" [89MM]
18'-0" [5486MM] THROUGH	8" [203MM] SQ OR 8.625" [219MM] OD	FOR GATE POSTS: SQ-2 1/4" [57MM] RND-3 1/2" [89MM]

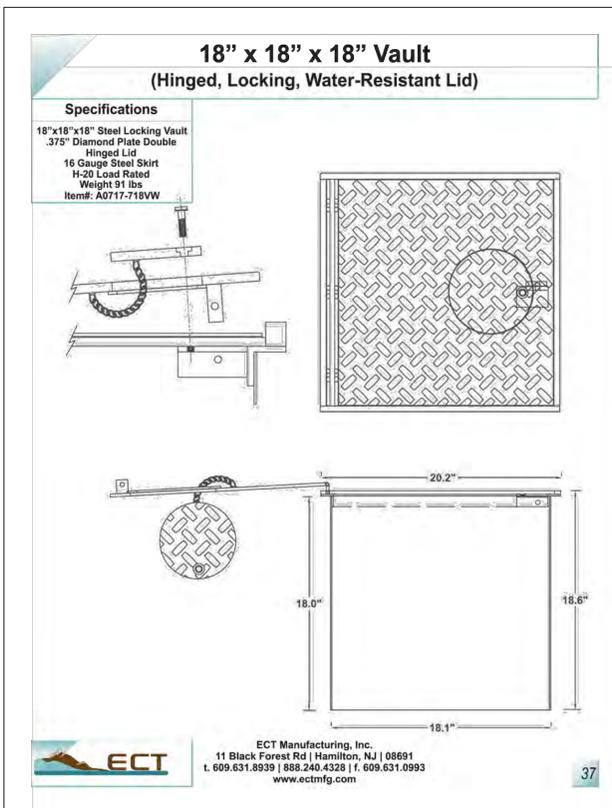
SINGLE OR DOUBLE LEAF GATES		
NOM HEIGHT	UPRIGHT HT	FRAME HT
(H)	(U)	(F)
WITHOUT BARBED WIRE	ACTUAL DIM	ACTUAL DIM
8'-0" [2438MM]	7'-10" [2388MM]	7'-8 1/2" [2350MM]

- NOTES:
- CENTER UPRIGHT REQUIRED ON GATE LEAVES 8'-0" [2438MM] & WIDER. CENTER RAIL REQUIRED ON GATE LEAVES 10'-0" [3048MM] & HIGHER.



DOUBLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
8'-0" [2438MM] THROUGH	2 1/2" [63.5MM] SQ OR 2.875" [73MM] OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
12'-0" [3658MM] THROUGH	3" [76MM] SQ OR 4" [102MM] OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
14'-0" [4267MM] THROUGH	4" [102MM] OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]
24'-0" [7315MM] THROUGH	6" [152MM] SQ OR 6.625" [168MM] OD	FOR GATE POSTS: SQ-2 1/4" [57MM] RND-3 1/2" [89MM]
26'-0" [7925MM] THROUGH	8" [203MM] SQ OR 8.625" [219MM] OD	FOR GATE POSTS: SQ-2 1/4" [57MM] RND-3 1/2" [89MM]

**DETAIL 201**  
TYPICAL HIGH FENCE AND SWING GATES WITHOUT BARBED WIRE  
N.T.S.



- NOTES:
- INSTALL WHERE SHOWN ON PLANS.
  - CONTRACTOR TO HAVE LICENSED WELL DRILLER LOWER EXISTING ABOVE-GROUND WELLS TO PROPOSED FINAL GRADE.
  - BOX TO BE INSTALLED WITHIN 6" THICK CONCRETE APRON UNDERLAIN BY 6" COMPACTED STONE.
  - CONTRACTOR IS RESPONSIBLE FOR PROVIDING A TENNESSEE STATE CERTIFIED WELL DRILLER TO PERFORM WELL MODIFICATIONS, INCLUDING, BUT NOT LIMITED TO, REMOVAL OF THE STEEL CASING AND CONCRETE PAD, SUPPLY AND INSTALL TRAFFIC RATED LOCKABLE MONITORING WELL BOX, CUT PVC WELL TO BE WITHIN THE MONITORING WELL BOX, CAP THE PVC WELL WITHIN THE MONITORING WELL BOX, AND PREPARE A REVISED WELL CONSTRUCTION LOG DOCUMENTING THE WELL MODIFICATION WITH TDEC.
  - FLUSH MOUNTING ACTIVITIES SHALL NOT BE COMPLETED DURING THE MONTH OF MAY OR NOVEMBER WHEN THE GROUNDWATER SAMPLING EVENTS NEED TO BE PERFORMED.

**DETAIL 202**  
TRAFFIC RATED MONITORING WELL BOX  
N.T.S.

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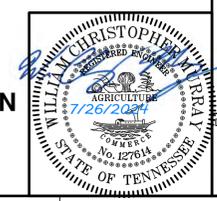
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TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION  
FINAL CLOSURE PLANS  
E-PLEX LANDFILL  
COLLIERSVILLE, TENNESSEE

**DETAILS**

DATE: JULY 2024  
DRAWN BY: AJW  
AS SHOWN  
CHECKED BY: RGM  
PROJECT NO: 328-417.0011  
APPROVED BY: WCM

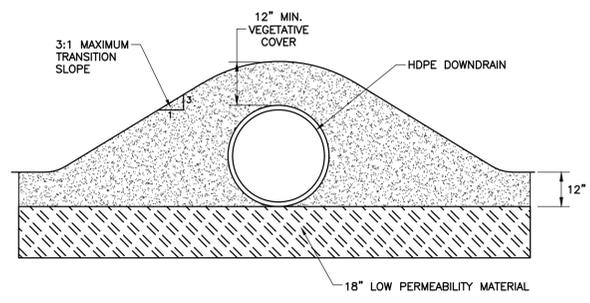


ISSUED FOR CONSTRUCTION

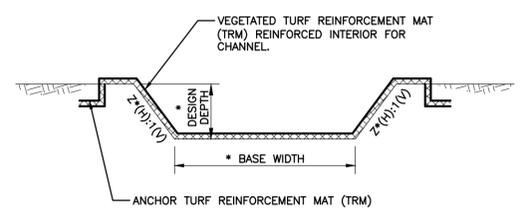
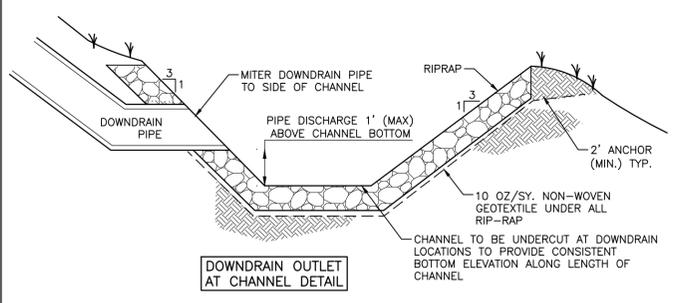
DRAWING NO.: **C800**

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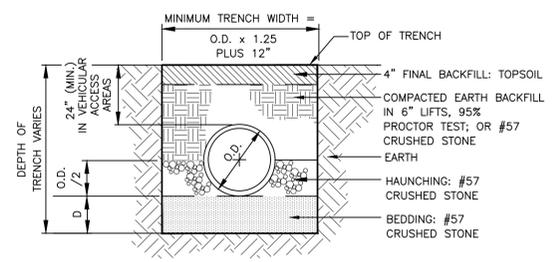
**DETAIL 310**  
**DOWNDRAIN GRADING TRANSITION**  
N.T.S.



\* SEE SHEETS C320-C327 FOR CHANNEL SIZING.  
\*\* REFER TO DETAIL 323 ON SHEET C803 FOR TURF REINFORCEMENT MAT (TRM) INSTALLATION REQUIREMENTS AND PROCEDURES.

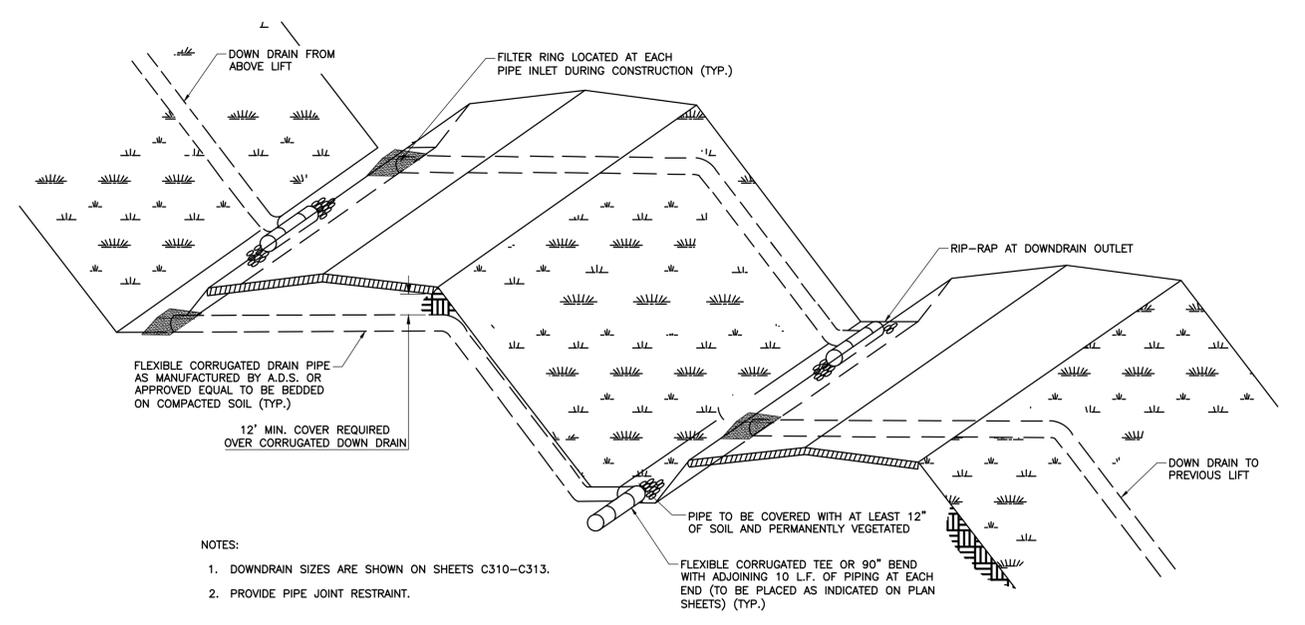
**DETAIL 311**  
**PERIMETER CHANNEL**  
N.T.S.

**DETAIL 312**  
**NOT USED**  
N.T.S.



**NOTES:**  
1. WHEN PIPE IS TO BE PLACED IN A FILL SITUATION, THE COMPACTED FILL SHALL BE PLACED A MIN. OF 12" ABOVE THE PIPE ELEVATION BEFORE THE TRENCH IS EXCAVATED.  
2. SUBGRADES SHOULD BE EXCAVATED, IF NECESSARY, SO A UNIFORM FOUNDATION FREE OF PROTRUDING ROCKS MAY BE PROVIDED.

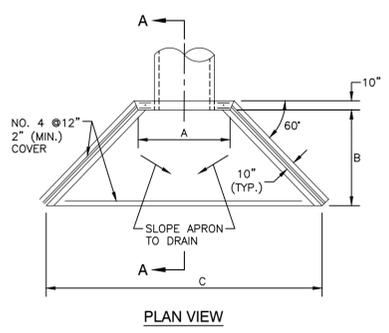
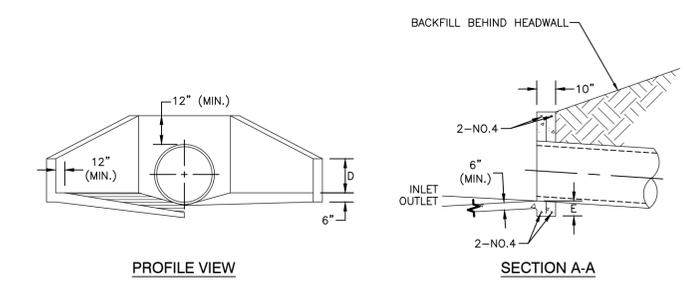
**DETAIL 313**  
**CULVERT AND POND OUTLET PIPE BEDDING REQUIREMENTS**  
N.T.S.



**NOTES:**  
1. DOWNDRAIN SIZES ARE SHOWN ON SHEETS C310-C313.  
2. PROVIDE PIPE JOINT RESTRAINT.

**DETAIL 314**  
**TYPICAL DOWNDRAIN DETAIL**  
N.T.S.

**SAFETY NOTE:**  
CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS RELATING TO THE SAFETY OF PERSONS OR PROPERTY, OR TO THE PROTECTION OF PERSONS OR PROPERTY FROM DAMAGE, INJURY, OR LOSS; AND SHALL ERECT AND MAINTAIN ALL NECESSARY SAFEGUARDS FOR SUCH SAFETY AND PROTECTION.

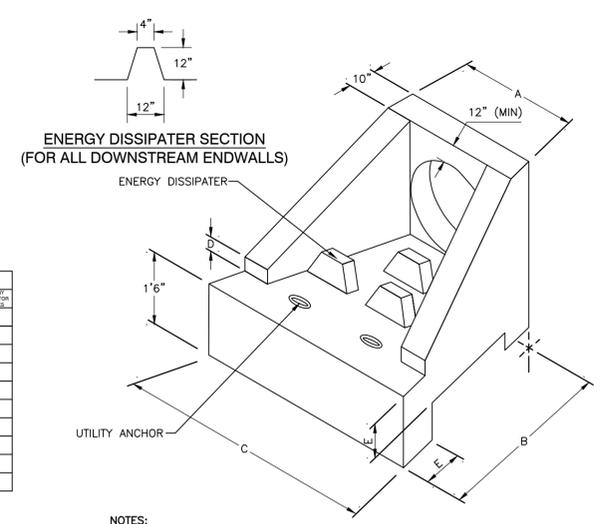


**NOTE:**  
1. ALL EDGES OF EXPOSED CONCRETE TO BE CHAMFERED TO ONE INCH.

**TABLE OF DIMENSIONS**

DIAL	A	B	C	D	E	Rebar Minimum Block
12"	20"	30"	60"	6"	8"	1
15"	23"	36"	72"	6"	8"	1
18"	28"	42"	84"	9"	8"	3
24"	34"	48"	96"	9"	8"	3
30"	40"	54"	108"	12"	10"	5
36"	48"	60"	120"	15"	10"	5
42"	54"	66"	132"	18"	10"	7
48"	60"	72"	144"	21"	12"	7
54"	66"	78"	156"	24"	12"	7
60"	72"	84"	168"	24"	12"	7

**DETAIL 315**  
**WINGED HEADWALLS**  
N.T.S.



**NOTES:**  
1. REIF. - #4 REBAR 12" c. c. EA. WAY.  
2. HOLE SIZE = 15". CONTRACTOR TO FILL GAPS.  
3. 1" CHAMFER ON ROUND ON ALL EXPOSED EDGES.  
4. 2" (MIN.) CONCRETE COVERAGE.

**CONCRETE HEADWALL**  
**WITH ENERGY DISSIPATION**

**ISSUED FOR CONSTRUCTION**



**REVISION RECORD**

NO.	DATE	DESCRIPTION

**Civil & Environmental Consultants, Inc.**  
117 Seaboard Lane - Suite E-100 - Franklin, TN 37067  
615-333-7797 · 800-763-2326  
www.ceinc.com

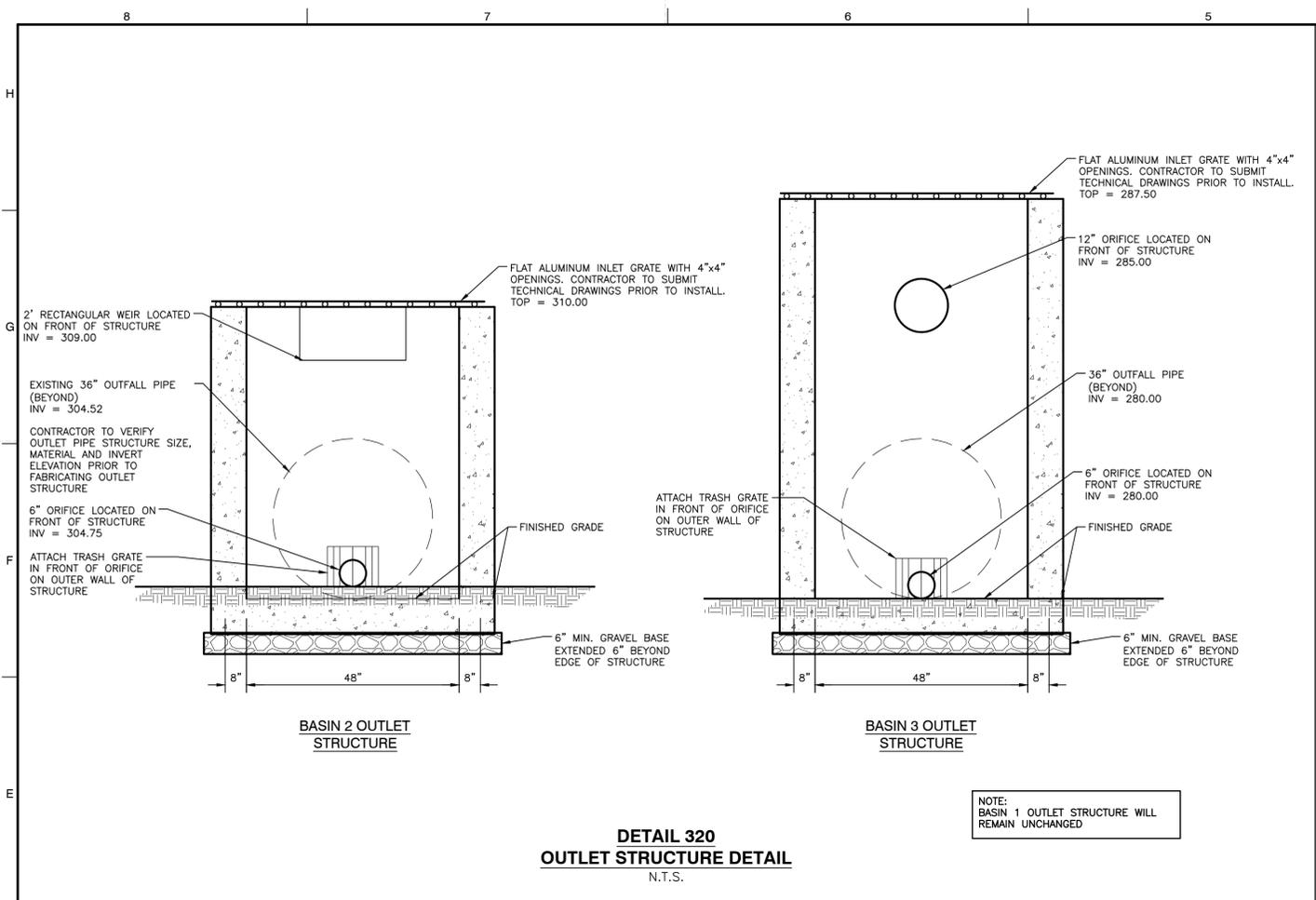
**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION**  
**FINAL CLOSURE PLANS**  
**E-PLEX LANDFILL**  
**COLLIERSVILLE, TENNESSEE**

**DETAILS**

JULY 2024 (DRAWN BY: AJW)  
AS SHOWN (CHECKED BY: RGM)  
PROJECT NO: 328-417.0011  
APPROVED BY: WCM

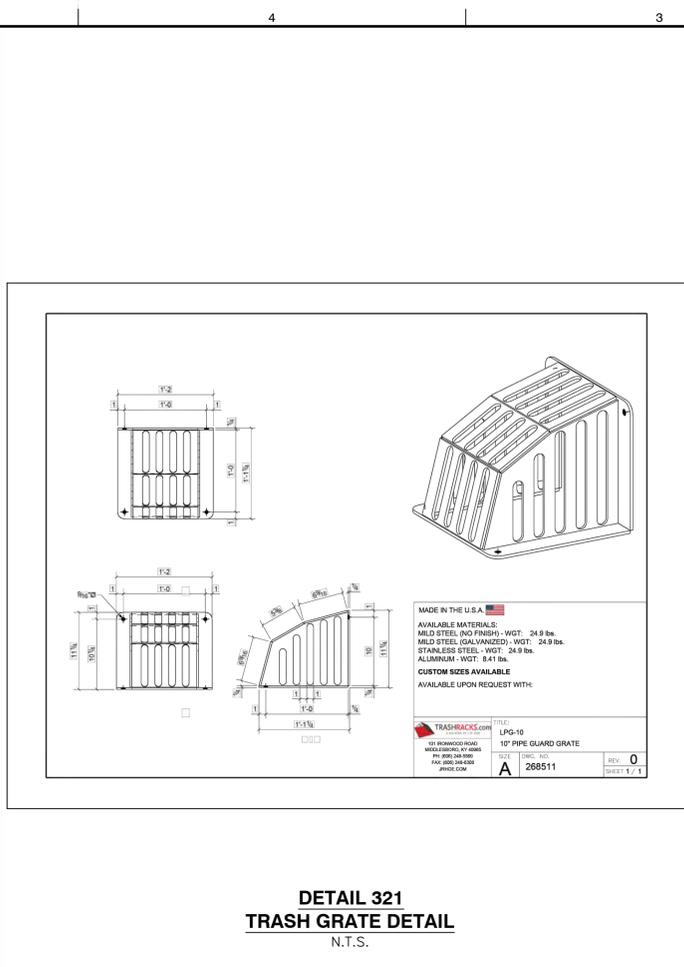
DRAWING NO.: **C802**

P:\320-000\320-417-CAD\DWG\320-417-CAD01-DWG\320-417-SW03-Final Closure Plans Combined Details.dwg (C802) LS(7/23/2024 - 10:04 AM) - LP: 7/26/2024 10:04 AM

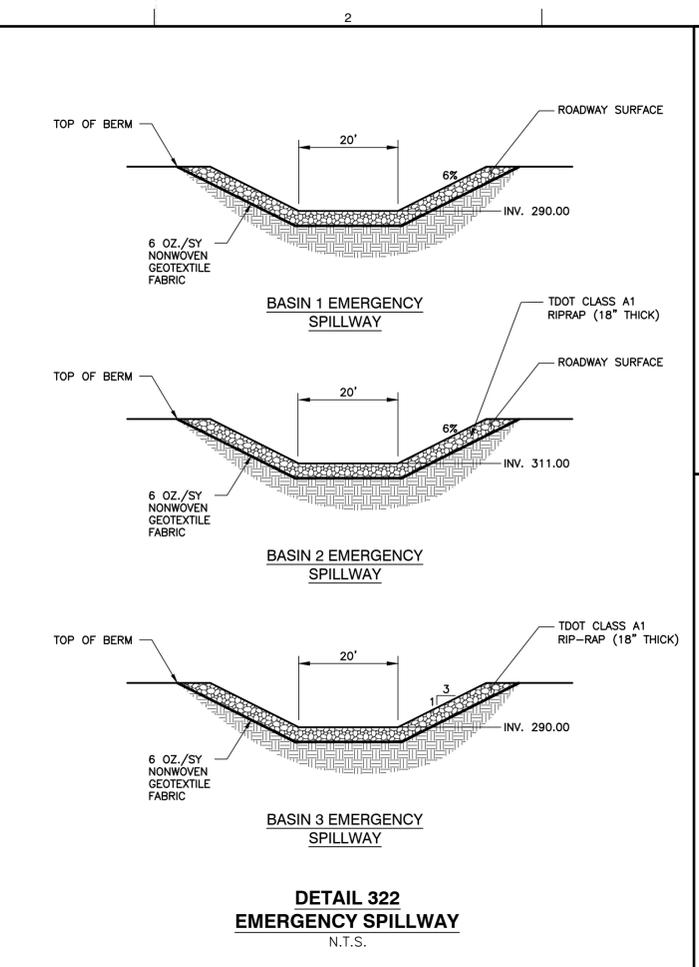


**DETAIL 320**  
**OUTLET STRUCTURE DETAIL**  
N.T.S.

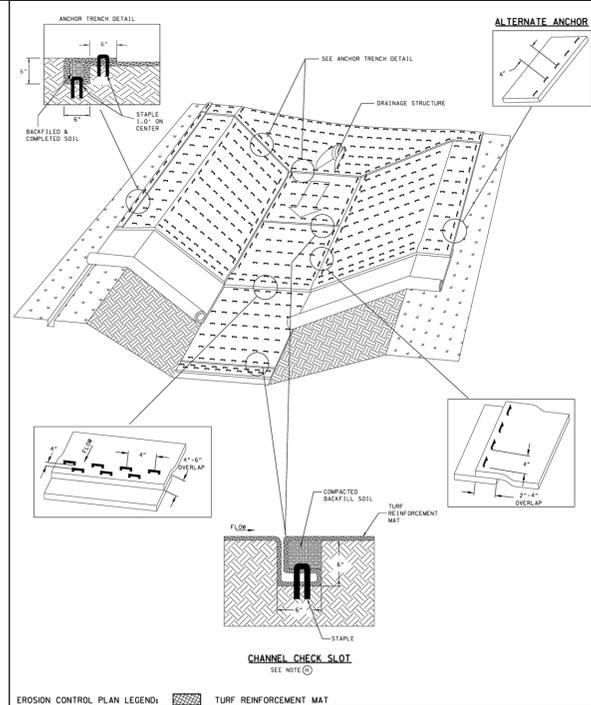
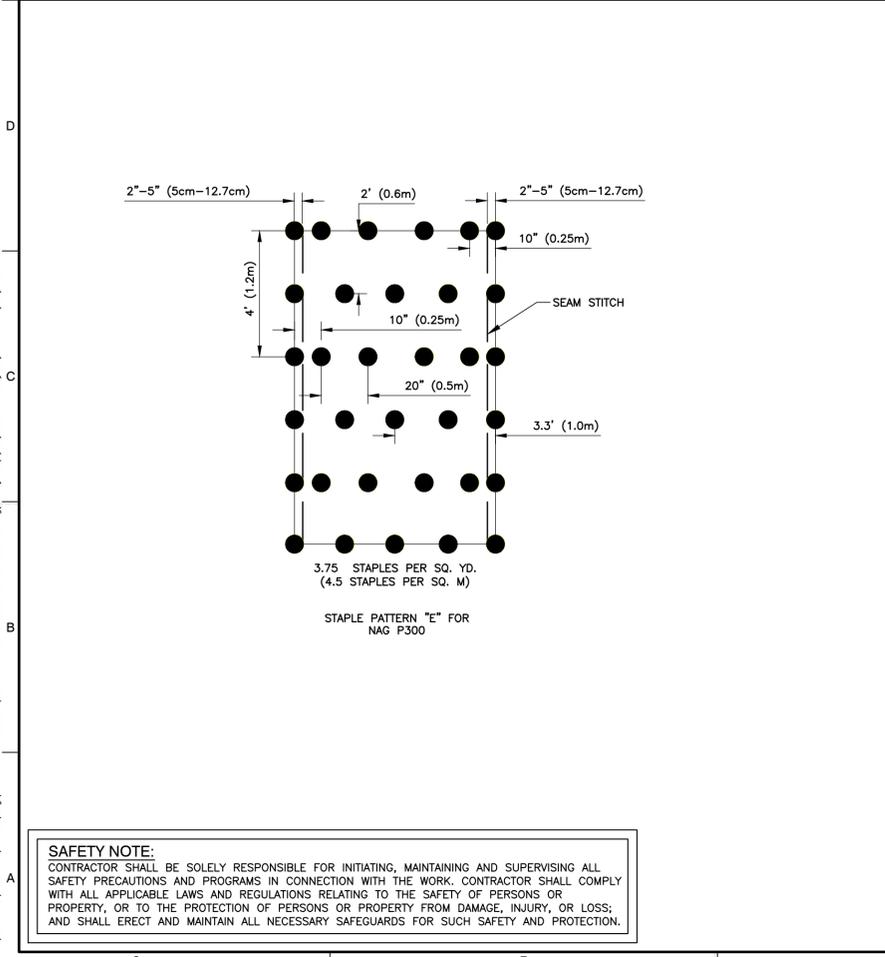
NOTE:  
BASIN 1 OUTLET STRUCTURE WILL  
REMAIN UNCHANGED



**DETAIL 321**  
**TRASH GRATE DETAIL**  
N.T.S.



**DETAIL 322**  
**EMERGENCY SPILLWAY**  
N.T.S.



**DETAIL 323**  
**TURF REINFORCEMENT MAT CHANNEL STABILIZATION**  
N.T.S.

NOTE:  
USE 12 INCH STAPLES

**SAFETY NOTE:**  
CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS RELATING TO THE SAFETY OF PERSONS OR PROPERTY, OR TO THE PROTECTION OF PERSONS OR PROPERTY FROM DAMAGE, INJURY, OR LOSS; AND SHALL ERECT AND MAINTAIN ALL NECESSARY SAFEGUARDS FOR SUCH SAFETY AND PROTECTION.

**TURF REINFORCEMENT MAT FOR CHANNEL INSTALLATION GENERAL NOTES**

- A. TURF REINFORCEMENT MATS ARE USED TO STABILIZE DITCHES AND SWALES.
- B. EROSION CONTROL BLANKETS MAY BE USED TO TEMPORARILY STABILIZE DITCHES AND SWALES.
- C. TURF REINFORCEMENT MATS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. WHEN NOT AVAILABLE INSTALL ACCORDING TO NOTES D THRU J.
- D. **STEP ONE: SITE PREPARATION**  
THE CHANNEL SHOULD BE FINE GRADED TO A SMOOTH PROFILE AND RELATIVELY FREE FROM ALL WEEDS, CLODS, STONES, ROOTS, STICKS, RIVULETS, GULLIES, CRUSTING AND CAKING. FILL ANY VOIDS AND MAKE SURE THAT THE CHANNEL IS COMPACTED PROPERLY.
- E. **STEP TWO: SEEDING**  
SEEDING WITHOUT MULCH SHOULD BE APPLIED TO THE AREA TO BE VEGETATED.
- F. **STEP THREE: ANCHORING THE TURF REINFORCEMENT**  
TURF REINFORCEMENT MATS SHALL BE ANCHORED AT THE BEGINNING OF THE CHANNEL. A 6-INCH WIDE x 6-INCH DEEP TRENCH SHOULD BE EXCAVATED PERPENDICULAR TO THE DIRECTION OF WATER FLOW ACROSS THE ENTIRE WIDTH OF THE CHANNEL. THE TURF REINFORCEMENT MAT SHOULD BE LAID IN THE CHECK SLOT WITH 30 INCHES OF THE TURF REINFORCEMENT MAT EXTENDING UPSTREAM OF THE ANCHORING TRENCH. STAKE OR STAPLE THE TURF REINFORCEMENT MAT IN THE CHECK SLOT ON 12-INCH CENTERS. BACKFILL THE ANCHOR TRENCH AND COMPACT THE SOIL. PLACE SEED OVER THE COMPACTED SOIL WITH THE REMAINING 12 INCHES OF THE TERMINAL END OF THE TURF REINFORCEMENT MAT. STAPLE OR STAKE TERMINAL END DOWN SLOPE OF THE ANCHOR TRENCH ON 12-INCH CENTERS.
- G. **STEP FOUR: TURF REINFORCEMENT MAT DEPLOYMENT IN THE CHANNEL BOTTOM**  
THE TURF REINFORCEMENT MATS SHOULD BE UNROLLED IN THE DIRECTION OF WATER FLOW. FIRST THE TURF REINFORCEMENT MAT IS DEPLOYED IN THE CHANNEL BOTTOM. IT IS ALSO NECESSARY TO PREVENT A SEAM FROM GOING DOWN THE CENTER OF THE CHANNEL BOTTOM. WHEN INSTALLING TWO TURF REINFORCEMENT MATS SIDE BY SIDE IN A WATERWAY THE CENTER OF THE TURF REINFORCEMENT MAT SHOULD BE CENTERED IN THE AREA OF CONCENTRATED WATER FLOW. INSTALL ADJOINING TURF REINFORCEMENT MATS AWAY FROM THE CENTER OF THE CHANNEL BOTTOM. ADJOINING TURF REINFORCEMENT MATS SHOULD BE OVERLAPPED 2 TO 4 INCHES. CONTINUE TO INSTALL A COMMON ROW OF STAPLES AT 12-INCH CENTERS ALONG THE LENGTH OF THE OVERLAP.
- H. **STEP FIVE: CHECK SLOTS**  
CHECK SLOTS SHOULD BE PLACED PERPENDICULAR TO THE FLOW DIRECTION ACROSS THE ENTIRE WIDTH OF THE CHANNEL AT 25-FOOT INTERVALS (EXCEPTION: CHANNEL CHECK SLOTS SHALL BE PLACED EVERY 15 FT. WITHIN ALL DOWN-CHUTES) AND AT THE TERMINAL END OF THE CHANNEL. THE CHECK SLOTS SHOULD BE PLACED IN A 6-INCH WIDE x 6-INCH DEEP TRENCH AS SHOWN. SECURE TURF REINFORCEMENT MAT IN THE UP STREAM SIDE OF THE CHECK SLOT WITH STAPLES OR STAKES ON 12-INCH CENTERS. FLIP THE TURF REINFORCEMENT MAT ROLL ON THE UPSTREAM EDGE. BACKFILL THE CHECK SLOT AS SHOWN AND COMPACT THE SOIL. CONTINUE ROLLING THE TURF REINFORCEMENT MAT DOWN STREAM OVER THE COMPLETED CHECK SLOT.
- I. **STEP SIX: TURF REINFORCEMENT MAT DEPLOYMENT ON THE SIDE SLOPES**  
CONTINUE TO ROLL THE TURF REINFORCEMENT MAT ALONG THE CHANNEL BOTTOM AND SIDE SLOPES IN THE DIRECTION OF THE WATER FLOW. AS THE TURF REINFORCEMENT MAT IS INSTALLED FROM THE CHANNEL BOTTOM UP THE SLOPE, A SHINGLE TYPE INSTALLATION IS RECOMMENDED WITH THE UP-SLOPE TURF REINFORCEMENT MAT OVERLAPPING THE LOWER TURF REINFORCEMENT MAT APPROXIMATELY 2-4 INCHES. ANCHOR THE TURF REINFORCEMENT MATS WITH A MINIMUM ONE STAPLE EVERY 12 INCHES ACROSS THE WIDTH AND ONE STAPLE EVERY 24 INCHES DOWN ITS LENGTH. IF THE TURF REINFORCEMENT MAT NEEDS TO BE SPLICED, BE SURE THE TURF REINFORCEMENT MAT IS "SHINGLED" WITH THE UP-STREAM TURF REINFORCEMENT MAT OVERLAPPING THE DOWN-STREAM TURF REINFORCEMENT MAT. THERE SHOULD BE A MINIMUM OF 4 INCHES OF OVERLAP IN A SPLICE. USE A STAPLE CHECK SLOT TO SECURE THE OVERLAP. ANCHOR THE TURF REINFORCEMENT MAT PLACED AT THE TOP OF THE CHANNEL SLOPE IN THE SAME MANNER AS SHOWN.
- J. **STEP SEVEN: TERMINAL END**  
SECURE THE TURF REINFORCEMENT MAT AT THE TERMINAL END OF THE CHANNEL WITH A CHECK SLOT SIMILAR TO THE ONE MADE AT THE BEGINNING OF THE CHANNEL.

SOURCE: TDOT STANDARD DRAWING EC-STR-36 WITH AMENDMENTS

NO.	DATE	DESCRIPTION

**Civil & Environmental Consultants, Inc.**  
117 Seaboard Lane - Suite E-100 - Franklin, TN 37067  
615-333-7797 · 800-763-2326  
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**TENNESSEE DEPARTMENT OF  
ENVIRONMENT & CONSERVATION  
FINAL CLOSURE PLANS  
E-PLEX LANDFILL  
COLLIERVILLE, TENNESSEE**

DETAILS	
DATE:	JULY 2024
DWG SCALE:	AS SHOWN
PROJECT NO.:	328-417.0011
APPROVED BY:	WCM
DRAWN BY:	AJW
CHECKED BY:	RGM



**ISSUED FOR CONSTRUCTION**

DRAWING NO.: **C803**

P:\320-000\320-417-CAD\DWG\320-417-SW-3-C803-COMBINED DETAILS.dwg (C803) LS(7/23/2024 - ampm) - LP: 7/26/2024 10:04 AM



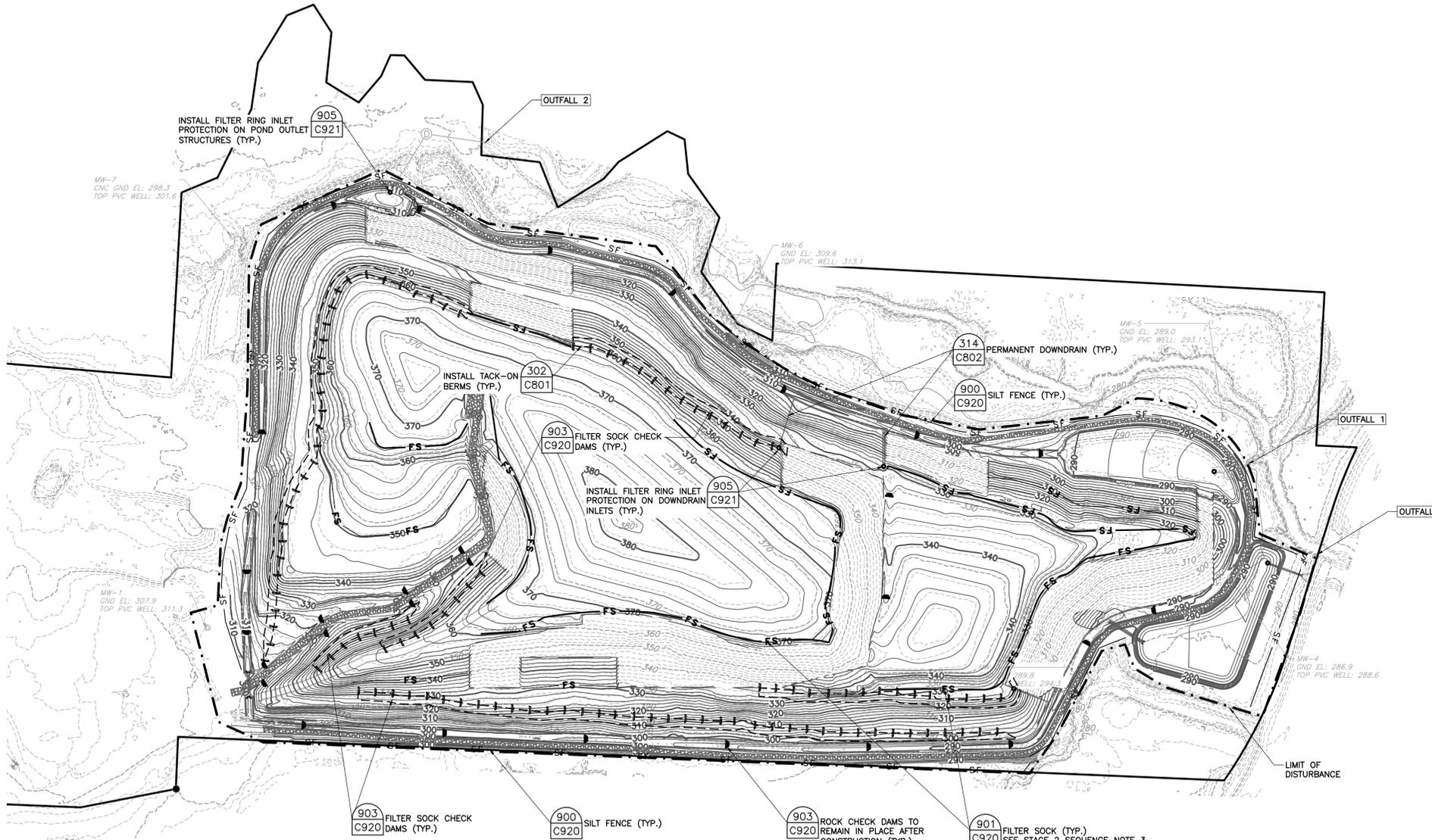


GENERAL EPSC NOTES

1. SITE IS COVERED BY TDEC NPDES CONSTRUCTION GENERAL PERMIT TRACKING NUMBER TNR155509. CONTRACTOR TO SIGN ON AS SECONDARY PERMITEE.
2. SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY, REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN OR EQUAL TO 1". IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.
3. ANY OFF SITE SEDIMENT ACCUMULATIONS SHALL BE REMOVED DAILY. OFFSITE ACCUMULATIONS DEPOSITED ON PRIVATE PROPERTY SHALL BE REMOVED BY METHODS AGREED UPON BY THE CONTRACTOR AND THE ADJACENT AFFECTED PARTIES.
4. OFFSITE BORROW OR DISPOSAL AREAS TO BE PERMITTED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
5. STABILIZE DISTURBED AREAS WITHIN 14 DAYS AND STEEP SLOPES EQUAL TO OR GREATER THAN 3:1 WITHIN 7 DAYS.
6. ALL INITIAL EPSC MEASURES MUST BE INSTALLED PRIOR TO ISSUANCE OF A GRADING PERMIT.
7. EPSC MEASURES TO BE INSTALLED AROUND POTENTIAL ONSITE STOCKPILE AREAS IF USED BY CONTRACTOR.
8. BMP (SILT FENCE, CHECK DAMS, ETC.) LOCATIONS SHOWN ON PLANS INDICATE LIMIT OF AREA TO BE PROTECTED BY THIS BMP. ACTUAL LOCATION OF INSTALLED DEVICE MAY VARY DEPENDING ON FIELD CONDITIONS.
9. INSTALL SILT FENCE WITH J-HOOK METHOD, AS NECESSARY, ON STEEP SLOPES.
10. UTILIZE FILTER BAGS WHEN DEWATERING SEDIMENT BASINS.

STAGE 2 SEQUENCE NOTES

1. INSTALL PERIMETER EPSC MEASURES AROUND ONSITE STOCKPILE AREAS AND MAINTAIN PERIMETER EPSC MEASURES INSTALLED IN STAGE 1. ALL STOCKPILE AND BORROW AREAS MUST BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION. BEGIN STRIPPING OF LANDFILL SURFACE.
2. INSPECT AREAS NOT SHOWN TO BE GRADED FOR DENSITY OF VEGETATION AND SIGNS OF RILLING. REPAIR IMMEDIATELY.
3. INSTALL PERIMETER EPSC MEASURES BELOW AREAS TO BE DISTURBED.
4. BEGIN STRIPPING OF SURFACE. FINISHED AREAS TO BE TEMPORARILY OR PERMANENTLY STABILIZED AS SOON AS POSSIBLE.
5. INSTALL TACK-ON BERMS AND FILTER SOCK.
6. APPLY SEEDING & MULCHING TO DISTURBED AREAS.
7. AT NO TIME SHOULD DISTURBED AREA EXCEED 50 ACRES.



AREA OF DISTURBANCE FOR LANDFILL AREA: 66.76 ACRES  
 AREA OF DISTURBANCE FOR ONSITE BORROW AREA: 12.25 ACRES  
 OVERALL AREA OF DISTURBANCE = 79.01 ACRES

EROSION AND SEDIMENT CONTROL MEASURES TO BE SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.

**SAFETY NOTE:**  
 CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS RELATING TO THE SAFETY OF PERSONS OR PROPERTY, OR TO THE PROTECTION OF PERSONS OR PROPERTY FROM DAMAGE, INJURY, OR LOSS; AND SHALL ERECT AND MAINTAIN ALL NECESSARY SAFEGUARDS FOR SUCH SAFETY AND PROTECTION.

ISSUED FOR CONSTRUCTION



DRAWING NO.: **C901**

INTERIM EPSC PLAN

DATE: JULY 2024  
 DRAWN BY: AJW  
 AS SHOWN [CHECKED BY: RGM]  
 PROJECT NO.: 328-417.0011  
 APPROVED BY: WCM

TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION  
 FINAL CLOSURE PLANS  
 E-PLEX LANDFILL  
 COLLIERVILLE, TENNESSEE

Civil & Environmental Consultants, Inc.  
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NO.	DATE	DESCRIPTION

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ROCK CHECK DAMS TO REMAIN IN PLACE (TYP.)

903  
C920

OUTFALL 2

GENERAL RIPRAP CLASS  
A1-18" THICK WITH 6  
OZ NON-WOVEN  
GEOTEXTILE FABRIC

PERMANENT  
DOWNDRAINS (TYP.)  
314  
C802

311 906  
C802 C921 DOWNDRAIN OUTLET  
PROTECTION (TYP.)

OUTFALL 1

OUTFALL 3

906  
C921 RIPRAP OUTLET  
PROTECTION (TYP.)

LIMIT OF  
DISTURBANCE

BENCHMARK  
1" IRON ROD WITH  
CONTROL CAP  
N: 292.887.81  
E: 859.223.99  
ELEV: 114.42

**SAFETY NOTE:**  
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**GENERAL EPSC NOTES**

1. SITE IS COVERED BY TDEC NPDES CONSTRUCTION GENERAL PERMIT TRACKING NUMBER TNR155509. CONTRACTOR TO SIGN ON AS SECONDARY PERMITEE.
2. SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY, REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN OR EQUAL TO 1". IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.
3. ANY OFF SITE SEDIMENT ACCUMULATIONS SHALL BE REMOVED DAILY. OFFSITE ACCUMULATIONS DEPOSITED ON PRIVATE PROPERTY SHALL BE REMOVED BY METHODS AGREED UPON BY THE CONTRACTOR AND THE ADJACENT AFFECTED PARTIES.
4. OFFSITE BORROW OR DISPOSAL AREAS TO BE PERMITTED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
5. STABILIZE DISTURBED AREAS WITHIN 14 DAYS AND STEEP SLOPES EQUAL TO OR GREATER THAN 3:1 WITHIN 7 DAYS.
6. ALL INITIAL EPSC MEASURES MUST BE INSTALLED PRIOR TO ISSUANCE OF A GRADING PERMIT.
7. EPSC MEASURES TO BE INSTALLED AROUND ONSITE STOCKPILE AREAS
8. BMP (SILT FENCE, CHECK DAMS, ETC.) LOCATIONS SHOWN ON PLANS INDICATE LIMIT OF AREA TO BE PROTECTED BY THIS BMP. ACTUAL LOCATION OF INSTALLED DEVICE MAY VARY DEPENDING ON FIELD CONDITIONS.
9. INSTALL SILT FENCE WITH J-HOOK METHOD, AS NECESSARY, ON STEEP SLOPES.
10. UTILIZE FILTER BAGS WHEN DEWATERING SEDIMENT BASINS.

**STAGE 3 SEQUENCE NOTES**

1. APPLY SEEDING AND MATTING TO ALL REMAINING DISTURBED AREAS.
2. AFTER THE CONSTRUCTION SITE HAS BEEN FULLY STABILIZED CONVERT TEMPORARY SEDIMENT BASINS TO PERMANENT STORMWATER DETENTION PONDS ACCORDING TO THE FOLLOWING SEQUENCE OF ACTIVITIES. CONVERT IN DRY, IF POSSIBLE AND PROVIDE METHOD OF STORMWATER DIVERSION THROUGH POND DURING CONVERSION.
3. DEWATER THE SEDIMENT BASIN TO THE SEDIMENT LAYER (TAKING CARE TO PREVENT BASIN AND DAM SLOPE FAILURE). DEWATER REMAINING SLURRY FROM PUMP PIT INTO SILT BAG OR CLARIFICATION CHAMBER.
4. DEMUCK/CLEAN THE INSIDE OF THE SEDIMENT BASIN. AVOID RELEASING OR DISCHARGING SLURRY OR MUDDY WATER INTO RECEIVING WATER BODIES.
5. REMOVE SEDIMENT FROM SEDIMENT BASIN. SEDIMENT MAY BE USED AS A NON-STRUCTURAL FILL OR AS TOP SOIL AMENDMENT. STABILIZE SEDIMENT DISPOSAL AREAS TO PREVENT EROSION AND RE-SUSPENSION.
6. REMOVE SEDIMENT BASIN CONTROLS.
7. INSPECT DETENTION POND FOR STRUCTURAL INTEGRITY AND RESURVEY ALL POND DAM, OUTLET DIMENSIONS, AND ELEVATIONS REQUIRED FOR STORAGE, CONVEYANCE, AND FREEBOARD DETERMINATIONS.
8. PROVIDE FINAL STABILIZATION TO POND SIDE SLOPES AND CREST. COMPLETED BASIN CONVERSIONS TO BE INSPECTED BY COA OFFICER.
9. PROVIDE FINAL STABILIZATION FOR ONSITE STOCKPILE AREAS.
10. AT NO TIME SHOULD DISTURBED AREA EXCEED 50 ACRES.

AREA OF DISTURBANCE FOR LANDFILL AREA: 66.76 ACRES  
AREA OF DISTURBANCE FOR ONSITE BORROW AREA: 12.25 ACRES  
OVERALL AREA OF DISTURBANCE = 79.01 ACRES

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**ISSUED FOR CONSTRUCTION**



**FINAL EPSC PLAN**

DATE: JULY 2024  
DRAWN BY: AJW  
DWG SCALE: AS SHOWN  
CHECKED BY: RGM  
PROJECT NO: 328-417.0011  
APPROVED BY: WCM

DRAWING NO.: **C902**

**TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION  
FINAL CLOSURE PLANS  
E-PLEX LANDFILL  
COLLIERVILLE, TENNESSEE**

**CEC**  
**Civil & Environmental Consultants, Inc.**  
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615-333-7797 · 800-763-2326  
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REVISION RECORD

NO	DATE	DESCRIPTION

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