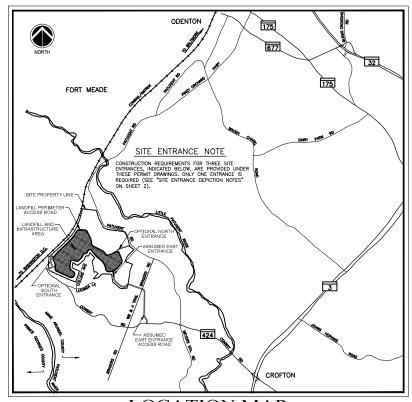


SECTION 18

PHASE III REPORT PERMIT DRAWINGS FOR CHESAPEAKE TERRACE RUBBLE LANDFILL

ANNE ARUNDEL COUNTY, MARYLAND REVISED SEPTEMBER 3, 2021

	ILL
	INDEX OF DRAWINGS
DWG NO.	DESCRIPTION
1	TITLE SHEET
2	EXISTING CONDITIONS
3	PROPOSED CONDITIONS
4	EAST ENTRANCE - ACCESS ROAD PLAN
5	EAST ENTRANCE - SCALEHOUSE AND INFRASTRUCTURE
6	BOTTOM OF SUBBASE GRADING PLAN - WEST (CELL 1-10)
7	BOTTOM OF SUBBASE GRADING PLAN - EAST (CELL 11-16)
8	ENTRANCE - ACCESS ROAD DETAILS
9	SITE SECURITY DETAILS
10	TOP OF SUBBASE GRADING PLAN - WEST (CELL 1-10)
11	TOP OF SUBBASE GRADING PLAN - EAST (CELL 11-16)
12	TOP OF SELECT WASTE GRADING PLAN - WEST (CELL 1-10)
13	TOP OF SELECT WASTE GRADING PLAN - EAST (CELL 11-16)
14	LINER SYSTEM DETAILS (SHEET 1 OF 3)
15	LINER SYSTEM DETAILS (SHEET 2 OF 3)
16	LINER SYSTEM DETAILS (SHEET 3 OF 3)
17	TOP OF LEACHATE COLLECTION LAYER - WEST (CELL 1-10)
18	TOP OF LEACHATE COLLECTION LAYER - EAST (CELL 11-16)
19	LEACHATE COLLECTION SYSTEM DETAILS (SHEET 1 OF 3)
20	LEACHATE COLLECTION SYSTEM DETAILS (SHEET 2 OF 3)
21	LEACHATE COLLECTION SYSTEM DETAILS (SHEET 3 OF 3)
22	LEACHATE FORCE MAIN DETAILS (SHEET 1 OF 2)
23	LEACHATE FORCE MAIN DETAILS (SHEET 2 OF 2)
24	LEACHATE FORCE MAIN PROFILES (SHEET 1 OF 2)
25	LEACHATE FORCE MAIN PROFILES (SHEET 2 OF 2)
26	LEACHATE PUMP HOUSE DETAILS
27	LEACHATE CONTROL PANEL LAYOUT
28	LEACHATE STORAGE TANK DETAILS (SHEET 1 OF 2)
29	LEACHATE STORAGE TANK DETAILS (SHEET 2 OF 2)
30	TOP OF WASTE PLAN - WEST (CELL 1-10)
31	TOP OF WASTE PLAN - EAST (CELL 11-16)
32	TOP OF FINAL COVER GRADING PLAN - WEST (CELL 1-10)
33	TOP OF FINAL COVER GRADING PLAN - EAST (CELL 11-16)
34	FINAL COVER DETAILS (SHEET 1 OF 2)
35	FINAL COVER DETAILS (SHEET 2 OF 2)
36	LANDFILL CROSS SECTIONS (SHEET 1 OF 2)
37	LANDFILL CROSS SECTIONS (SHEET 2 OF 2)
38	STORMWATER MANAGEMENT SYSTEM LAYOUT-WEST (CELLS 1-10)
39	STORMWATER MANAGEMENT SYSTEM LAYOUT-EAST (CELLS 11-16)
40	STORMWATER MANAGEMENT SYSTEM DETAILS (SHEET 1 OF 4)
41	STORMWATER MANAGEMENT SYSTEM DETAILS (SHEET 2 OF 4)
42	STORMWATER MANAGEMENT SYSTEM DETAILS (SHEET 3 OF 4)
43	STORMWATER MANAGEMENT SYSTEM DETAILS (SHEET 4 OF 4)
44	STORMWATER CULVERT PROFILES (SHEET 1 OF 2)
45	STORMWATER CULVERT PROFILES (SHEET 2 OF 2)



SCALE: 1"= 2.000'

	INDEX OF DRAWINGS
DWG NO.	DESCRIPTION
46	SEDIMENT TRAP PLAN
47	BASIN NO. 1 PLAN AND SECTION
48	BASIN NO. 2 PLAN AND SECTION
49	BASIN NO. 3 PLAN AND SECTION
50	BASIN NO. 4 PLAN AND SECTION
51	STORMWATER BASIN DETAILS (SHEET 1 OF 3)
52	STORMWATER BASIN DETAILS (SHEET 2 OF 3)
53	STORMWATER BASIN DETAILS (SHEET 3 OF 3)
54	BASIN / SWM CONVERSION DETAILS
55	EAST ENTRANCE ROAD - SEDIMENT CONTROL PLAN (SHEET 1 OF 2)
56	EAST ENTRANCE ROAD - SEDIMENT CONTROL PLAN (SHEET 2 OF 2)
57	OPTIONAL NORTH ENTRANCE ROAD - SEDIMENT CONTROL PLAN
58	OPTIONAL SOUTH ENTRANCE ROAD - SEDIMENT CONTROL PLAN
59	FLARE PADDOCK
60	SEDIMENT CONTROL DETAILS (SHEET 1 OF 2)
61	SEDIMENT CONTROL DETAILS (SHEET 2 OF 2)
62	SEDIMENT CONTROL AND STORMWATER MANAGEMENT SPECIFICATIONS
63	SEQUENCE AND GENERAL NOTES FOR CONSTRUCTION
64	INTERMEDIATE CONSTRUCTION STAGE A (EAST SECTION)
65	INTERMEDIATE CONSTRUCTION STAGE B (CELL 11)
66	INTERMEDIATE CONSTRUCTION STAGE C (CELL 16)
67	INTERMEDIATE CONSTRUCTION STAGE D (CELL 12)
68	INTERMEDIATE CONSTRUCTION STAGE E (CELL 13)
69	INTERMEDIATE CONSTRUCTION STAGE F (CELLS 14)
70	INTERMEDIATE CONSTRUCTION STAGE G (CELL 15)
71	INTERMEDIATE CONSTRUCTION STAGE H (WEST SECTION)
72	INTERMEDIATE CONSTRUCTION STAGE I (CELL 2)
73	INTERMEDIATE CONSTRUCTION STAGE J (CELL 3 & 4)
74	INTERMEDIATE CONSTRUCTION STAGE K (CELL 1)
75	INTERMEDIATE CONSTRUCTION STAGE L (CELL 5E & 5F)
76	INTERMEDIATE CONSTRUCTION STAGE M (CELL 5D & 10)
77	INTERMEDIATE CONSTRUCTION STAGE N (CELL 5C & 9)
78	INTERMEDIATE CONSTRUCTION STAGE 0 (CELL 8)
79	INTERMEDIATE CONSTRUCTION STAGE P (CELL 5A & 5B)
80	INTERMEDIATE CONSTRUCTION STAGE Q (CELL 6)
81	INTERMEDIATE CONSTRUCTION STAGE R (CELL 7)
82	PERIMETER ACCESS ROAD PROFILES (SHEET 1 OF 2)
83	PERIMETER ACCESS ROAD PROFILES (SHEET 2 OF 2)
84	INTERMEDIATE STORMWATER SEARATION
85	LANDFILL GAS PERIMETER PROBE MONITORING PLAN
86	WEST SECTION LANDFILL GAS COLLECTION CONTROL SYSTEM PLAN
87	EAST SECTION LANDFILL GAS COLLECTION CONTROL SYSTEM PLAN
88	LANDFILL GAS EXTRACTION DETAILS
89	OPTIONAL NORTH ENTRANCE LAYOUT
90	OPTIONAL SOUTH ENTRANCE LAYOUT

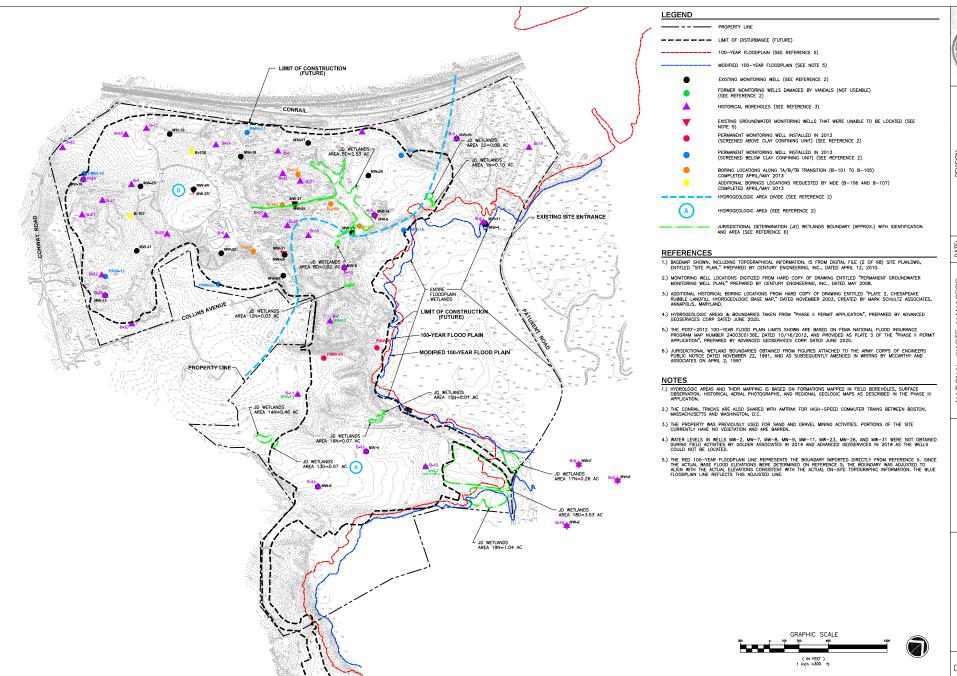


REVISION:
PREVISION TO ADDRESS UNE COUNTRYS ON PINSE 3

NIONAL WASTE MANAGE!
PHASE III APPLICATION
SAPEAKE TERRACE RUBBLE LANDF
PATUKKIT ROAD, OBENION
NE ARUNDEL COUNTY, MARYLAND

TITLE SHEET

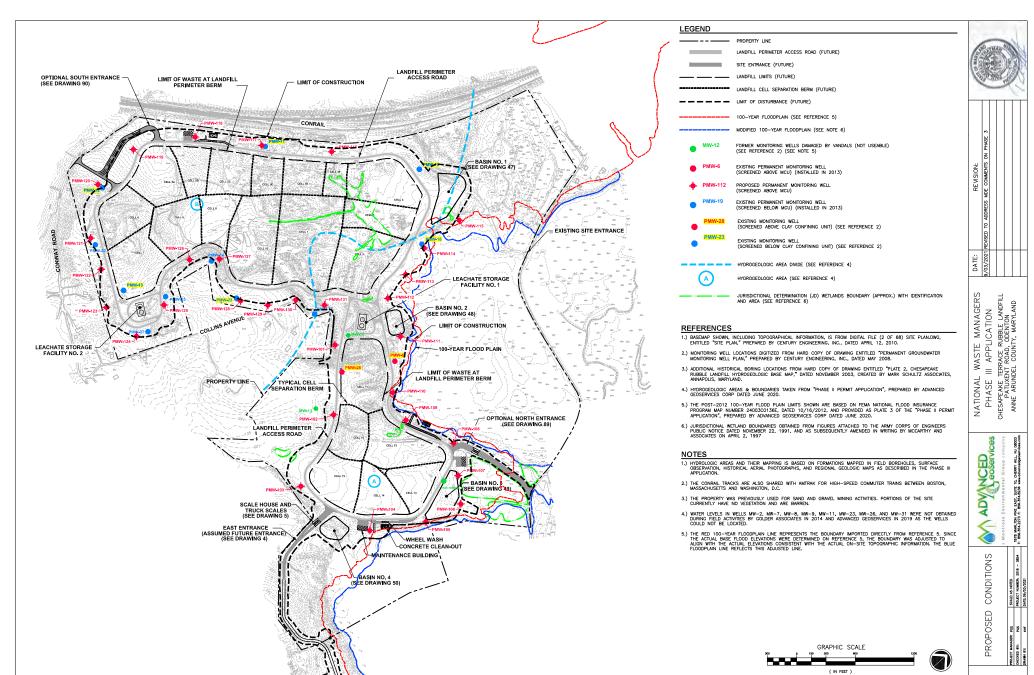
FES SOMEAN NOTED

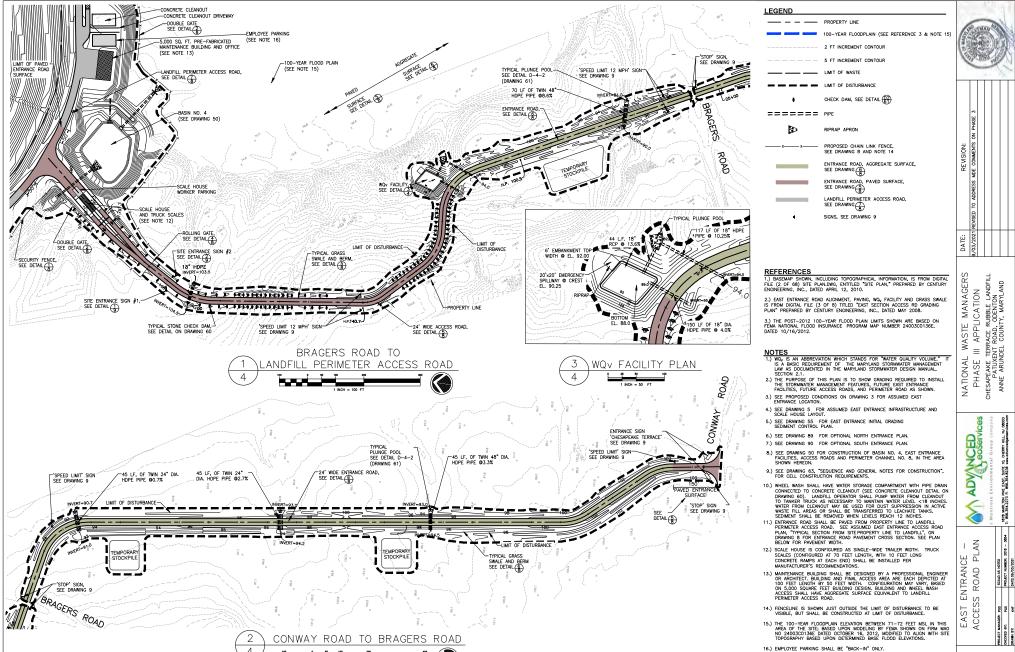


WASTE MANAGERS CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND Ξ NATIONAL PHASE

ADWANCED ADVANCES 8

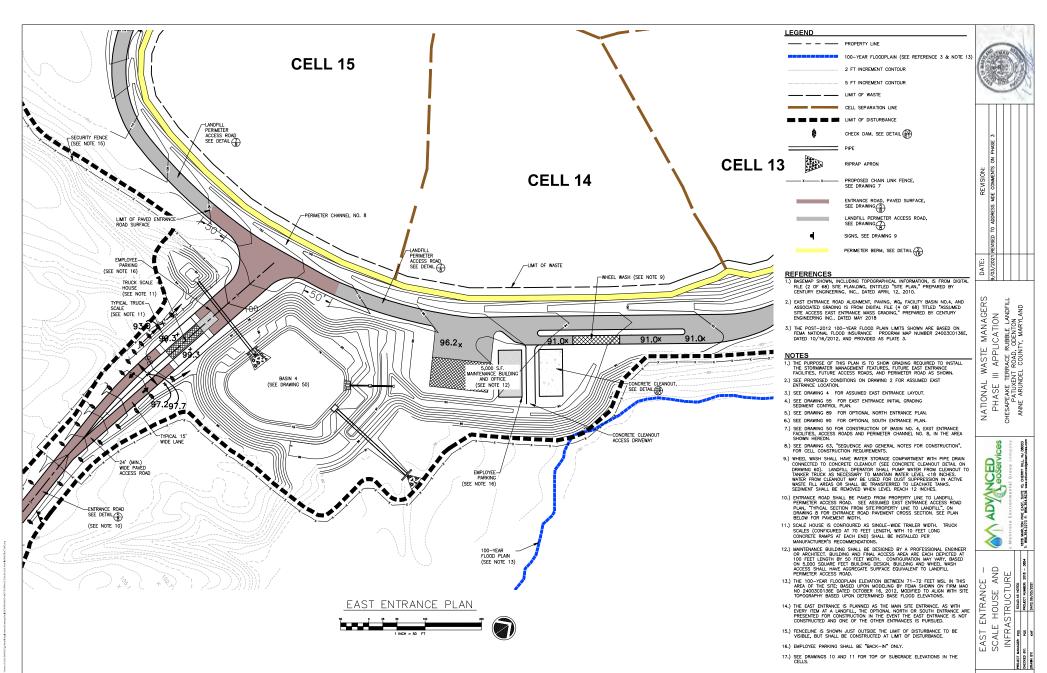
1678 MARITON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 : 856.354.2273 F: 856.354.8236 www.cdvancedgeoservices.com CONDITIONS





X U/O/O BWW CO'SHMIII ALL DROND WARPING II ZHINGO 1004 - ELST D-103

DAWING 4







	m		
	PHASE		
	š		
REVISION:	REVISED TO ADDRESS MDE COMMENTS ON PHASE 3		
œ	MDE		
	ADDRESS		
	2		
	REVISED		
	-		

TYPICAL WETLANDS SEE REFERENCE 3 BASEMAP SHOWN, INCLUDING TOPOGRAPHICAL INFORMATION, IS FROM DIGITAL FILE (2 OF 68) SITE PLAN,DWG, ENTITLED "SITE PLAN," PREPARED BY CENTURY ENGINEERING, INC., DATED APRIL 12, 2010.

EXISTING 2 FT INCREMENT CONTOUR PROPOSED 2 FT INCREMENT CONTOUR PROPOSED 10 FT INCREMENT CONTOUR

CELL SEPARATION BOUNDARY

PERIMETER CHANNEL FLOW DIRECTION

PROPOSED CHAIN LINK FENCE, SEE DRAWING 8 LANDFILL PERIMETER ACCESS ROAD, SEE DETAIL PERIMETER BERM, SEE DETAIL (2) SIGNS, SEE DRAWING 9

CENTURY ENGINEERING, INC., DATED APRIL 12, 2010.

2) THE POST-2012 100—YEAR FLOOP PLANI LUBITS SHOWN ARE BASED ON FEWA MATIONAL FLOOD INSURANCE PROGRAM MAP NUMBER 24003020 THE ADDRESS OF THE PHASE II REPORT.

3.) JURISDICTIONAL WETLAND BOUNDARIES OBTANED FROM FIGURES ATTACHED TO THE ARMY CORES OF ENGINEERS PUBLIC NOTICE DATED NOVEMBER 22, 1991, AND AS SUBSEQUENTLY AMENDED IN WRITING BY MCCARTHY AND ASSOCIATES ON AFRIL 2, 1998.

- NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERAGE, RUBBIE LANDFILL ANNE ARUNGEL COUNTY, WARTLAND ANNE ARUNGEL COUNTY, WARTLAND WASTE MANAGERS NOTES

 1) WHILE FRIM HAS RE-ASSESSED AND MODIFIED THE 100 YEAR FLOODPLAIN IN THE VICINITY OF THE SITE, THE REVISED 100-YEAR FLOODPLAIN BASE ELEVATIONS NEARS CELLS 2.3 AND 4 ARE BETWEN TO 2.40 TO 3 FEET MISL. THE PROPOSED LAUDELL PERIMETER ROAD BERN GRADES ARE PROPOSED A MINIMUM OF 5 FEET ABOUT HE RIVE YEAR BEST FLOOD ELEVATIONS.

 2) HINCK PREPARED SUBBASE LAYER. REFER TO GRAWING 14 FOR LINER SYSTEM DETAILS.

 3. MINIMUM SLOPE AT BOTTOM OF CELL IS 3%, INTERIOR SIDESLOPES ARE 33% MAX.

 4. FOR STORMWATER MANAGEMENT FEATURES, REFER TO DRAWING 58.

- THROUGH 44.

 THROUGH 44.

 THE PRINCEINE IS SHOWN JUST OUTSIDE THE LIMIT OF DISTURBANCE, SO DISTURBANCE. IT IS INTENDED TO BE BUILT AT THE LIMIT OF DISTURBANCE.

 OF THE 100-TAMP FROM THE LIMIT OF THE STEEL SHOWN ON FIRM JAID.

 AREA OF THE SITE, BREED LIMON MODELING BY FRAM SHOWN ON FIRM JAID.

 AREA OF THE SITE, BREED LIMON MODELING BY FRAM SHOWN ON FIRM JAID.

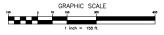
 TOPOGRAPHY BASED LIMON BETERMINED BUSE FROM ELEVATIONS WITH STEEL SHOWN ON DISTURBED.

 TOPICHE LIACHME STORMED FACILITY CONTROL BUILDING SHALL HOUSE MASTER CONFREL PARELS SHOWN ON DAWNING 27.

 PERSONS THE STORMED SHOWN OF THE SHOWN OF THE STORMED SHOWN OF THE STORMED SHOWN OF THE STORMED SHOWN OF THE SHOWN OF THE STORMED SHOWN OF THE STORMED SHOWN OF THE SHOWN OF THE
- 8.) THE CELL FLOOR SHALL HAVE A MINIMUM OF 2 PERCENT SLOPE POST-SETTLEMENT AT ALL LOCATIONS.

CELL No	CELL AREA (AC)	BOTTOM OF SUBBASE AT SUMP	SUMP INVERT ELEV.	OBSE PREI GW I
1	13.2	101.0	103.0	8
2	7.5	86.0	88.0	78
3	4.9	98.0	100.0	9
4	5.5	100.5	102.5	97
5A	5.6	113.0	115.0	11
58	3.4	116.5	118.5	11
5C	4.4	118.0	120.0	11
50	2.9	119.5	121.5	11
5E	3.2	119.5	121.5	11
5F	1.7	118.0	120.0	11
6	5.2	107.0	109.0	10
7	6.7	100.0	102.0	9
8	6.0	106.0	108.0	10
9	4.0	109.2	111.2	10
10	9.6	101.0	103.0	91







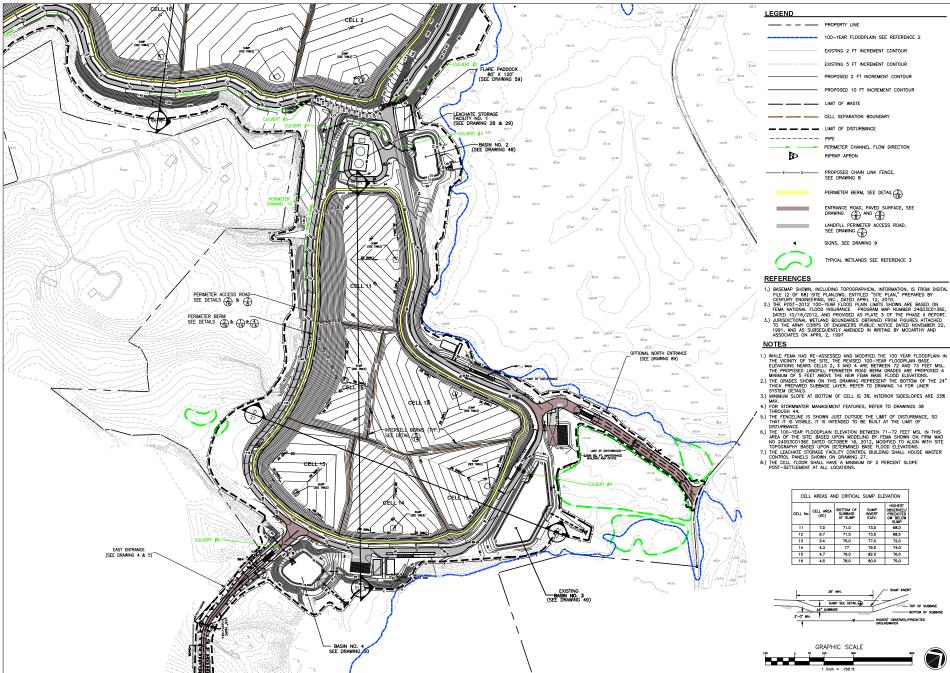
SUBBASE

DRAWING 6

PLAN –
LL 1–10)
ICALEAS NOTE
ANTOGRAFION SORE ANTOGRAFION ANTOGRAF CELL SCALE:AS PROJECT N DATE:09/0

ADVANCED ADVANCES

1678 MARLTON PINE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 F: 856.364.8256 www.odwnnedgeoservices.com





WASTE MANAGERS

≡

NATIONAL PHASE II

CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND

100-YEAR FLOODPLAIN SEE REFERENCE 2 EXISTING 2 FT INCREMENT CONTOUR EXISTING 5 FT INCREMENT CONTOUR

PROPOSED 2 FT INCREMENT CONTOUR PROPOSED 10 FT INCREMENT CONTOUR

LIMIT OF WASTE

RIPRAP APRON PROPOSED CHAIN LINK FENCE, SEE DRAWING 8 PERIMETER BERM, SEE DETAIL (2) ENTRANCE ROAD, PAVED SURFACE, SEE DRAWING $(\frac{5}{8})$ AND $(\frac{8}{8})$ LANDFILL PERIMETER ACCESS ROAD, SEE DRAWING SIGNS, SEE DRAWING 9 TYPICAL WETLANDS SEE REFERENCE 3

CELL SEPARATION BOUNDARY LIMIT OF DISTURBANCE PERIMETER CHANNEL FLOW DIRECTION

1.) BASEMAP SHOWN, INCLUDING TOPOGRAPHICAL INFORMATION, IS FROM DIGITAL FILE (2 OF 68) SITE PLANLOWG, EMITLED "SITE PLANL", REPEARED BY CENTURY EMBERRING, MIS, CATED APRIL (2) 20-10M, AGE BASED ON FRAME AND FRAME AND

- 1.) WHILE FEMA HAS RE-ASSESSED AND MODIFIED THE 100 YEAR FLOODPLAIN IN THE WIGHITY OF THE SITE, THE REVISED 100-YEAR FLOODPLAIN BASE ELEXATIONS NEARS CELLS 2, 3 AND 4 ARE BETWEEN 72 AND 73 FEET MSL. THE PROPOSED LANDFILL PERMIETER ROAD BERM GRADES ARE PROPOSED A MINIMUM OF 6 FEET ABOUT THE NEW FEAN BASE FLOOD ELEVATIONS.

- THAT IT IS MISBLE. IT IS INTENDED TO BE BUILT AT THE LIMIT OF DISTURBANCE, PLOOPING INCLUDING BETHER THE THE ME. IN THE STEE BASED UPON MODELING BY FEMA SHOWN ON FIRM MON O 240050018E DATED OTCOBER 18, 2013, MODIFIED TO ALLOW WITH SITE DOORSHIP BASED UPON DETERMINED BASE FLOOD ELEVATIONS. TO CONTROL PHANES SHOWN ON DOWNING 27. CONTROL PHANES SHOWN ON DOWNING 27.

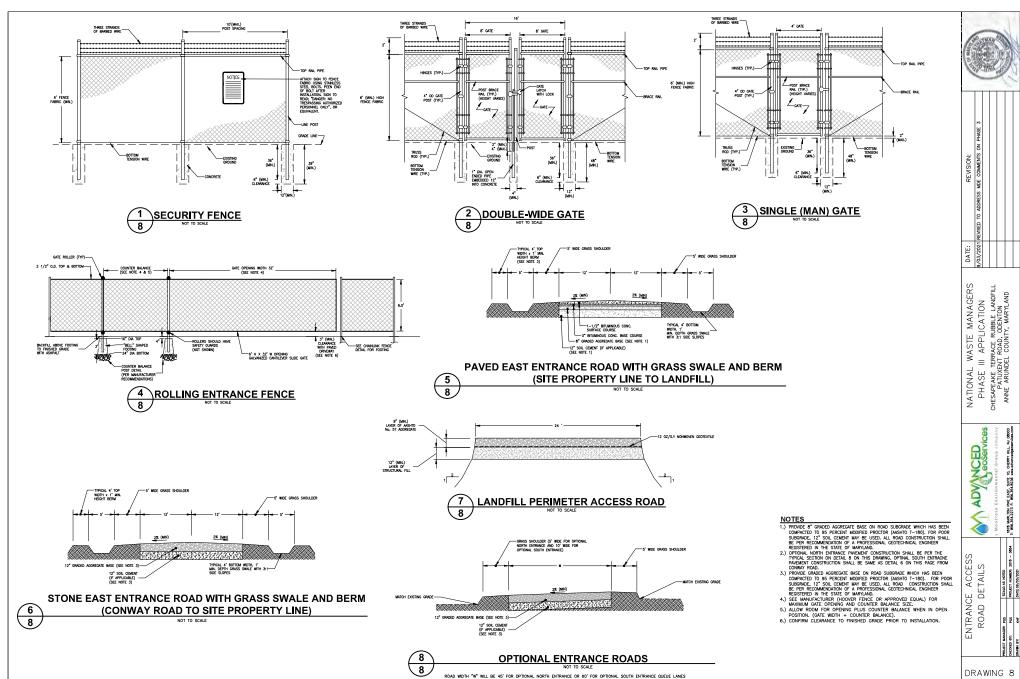
 5.) THE CELL FLOOR SHALL HAVE A MINIMUM OF 2 PERCENT SLOPE POST-SETILEDENT AT ALL LOCATIONS.

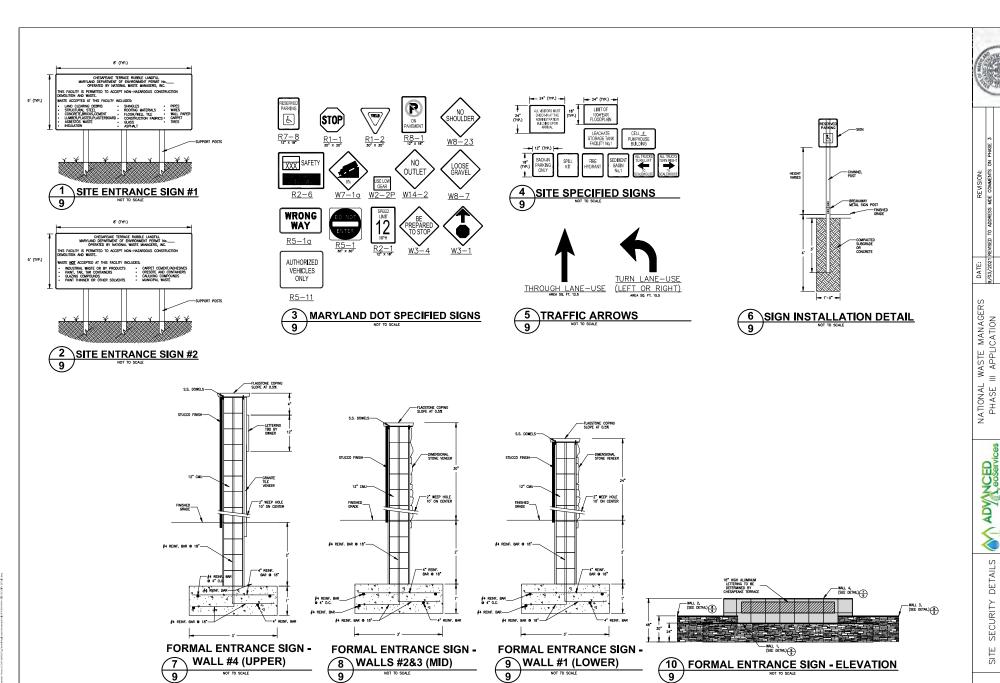
CELI	AREAS A	ND CRITICAL	. SUMP ELE	VATION
CELL No	CELL AREA (AC)	BOTTOM OF SUBBASE AT SUMP	SUMP INVERT ELEV.	HIGHEST OBSERVED/ PREDICTED GW BELOW SUMP
11	7.0	71.0	73.0	68.0
12	6.7	71.5	73.5	68.5
13	3.4	75.0	77.0	72.0
14	4.3	77	79.0	74.0
15	4.7	79.0	82.0	76.0
16	4.6	70.0	90.0	75.0





ADVANCED ADVANCES 1678 MARLTON PINE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 F: 856.364.8256 www.odwnnedgeoservices.com SUBBASE PLAN -2018 -BOTTOM OF SU GRADING PL. EAST (CELL 1 EAST



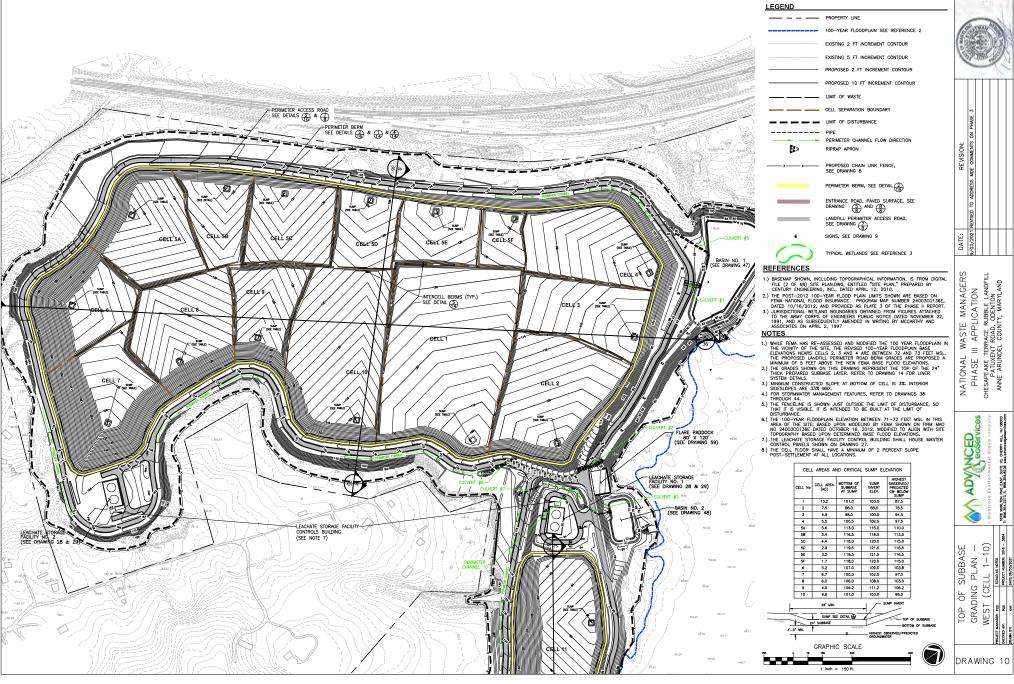


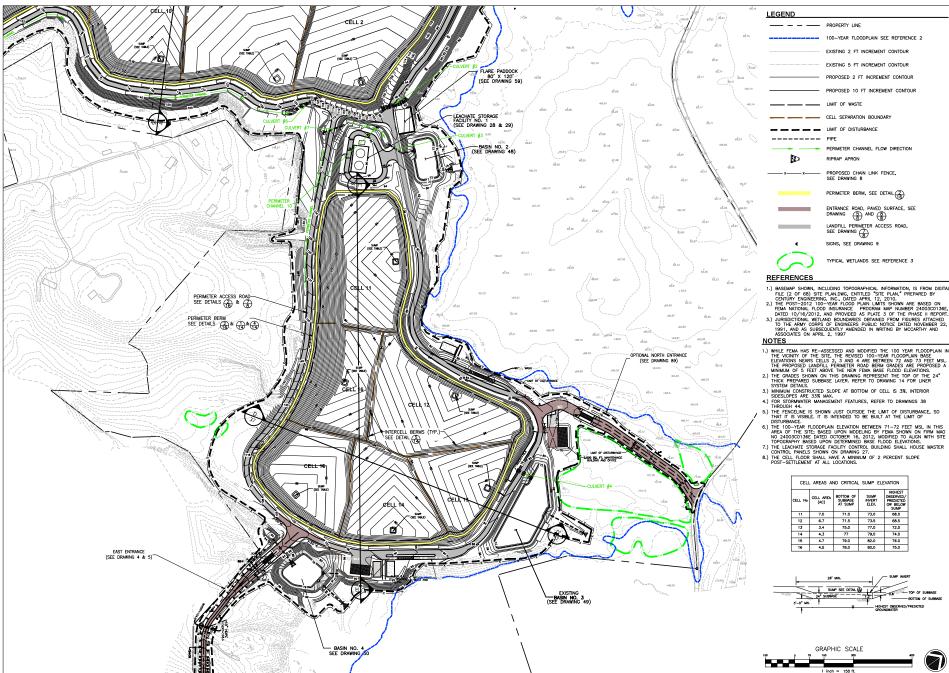
DRAWING 9

1678 MARLTON PIKE EAST, SUITE 10, CHERRY HLL, NJ 08003 Tr 856.354.2273 Fr 856.354.8236 www.advancedgeoservices.com

SCALE: AS NOTED
PROJECT NUMBER: 2018 - 3864
DATE: 09/03/2021

8 8 7







WASTE MANAGERS

100-YEAR FLOODPLAIN SEE REFERENCE 2 EXISTING 2 FT INCREMENT CONTOUR EXISTING 5 FT INCREMENT CONTOUR

PROPOSED 2 FT INCREMENT CONTOUR PROPOSED 10 FT INCREMENT CONTOUR

PERIMETER CHANNEL FLOW DIRECTION

CELL SEPARATION BOUNDARY LIMIT OF DISTURBANCE

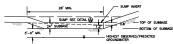
> RIPRAP APRON PROPOSED CHAIN LINK FENCE, SEE DRAWING 8 PERIMETER BERM, SEE DETAIL 2 ENTRANCE ROAD, PAVED SURFACE, SEE DRAWING $\begin{pmatrix} 5 \\ 8 \end{pmatrix}$ AND $\begin{pmatrix} 8 \\ 8 \end{pmatrix}$

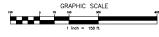
SIGNS, SEE DRAWING 9 TYPICAL WETLANDS SEE REFERENCE 3

1) BASEMAP SHOWN, INCLUDING TOPOGRAPHICAL INFORMATION, IS FROM DIGITAL FILE (2 OF 68) SITE PLANLOWG, EMITLED "SITE PLANL" PREPARED BY CERTIFUTE PROMERENMEN, M.S., DATED APRIL 12, 20-10M. ARE BESED ON THE ANALYSIS OF THE PROPERTY OF THE PR

- 1) WHILE FEMA HAS RE-ASSESSED AND MODIFIED THE 100 YEAR FLOODPLAIN IN THE VIONITY OF THE SITE, THE REVISED 100-YEAR FLOODPLAIN BASES IN THE VIOLENCE OF THE VI

CELL AREAS AND CRITICAL SUMP ELEVATION								
CELL No	CELL AREA (AC)	BOTTOM OF SUBBASE AT SUMP	SUMP INVERT ELEV.	HIGHEST OBSERVED/ PREDICTED GW BELOW SUMP				
11	7.0	71.0	73.0	68.0				
12	6.7	71.5	73.5	68.5				
13	3.4	75.0	77.0	72.0				
14	4.3	77	79.0	74.0				
15	4.7	79.0	82.0	76.0				
16	4.5	78.0	80.0	75.0				







CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND

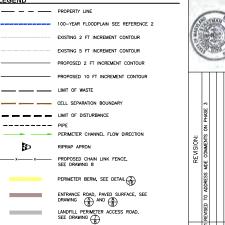
≡

NATIONAL PHASE II

ADVANCED ADVANCES

1678 MARLTON PINE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 F: 856.364.8256 www.odwnnedgeoservices.com





TYPICAL WETLANDS SEE REFERENCE 3

SIGNS, SEE DRAWING 9

1.3 MASEMPS SHOWN, INCLIDING TOPOGRAPHICAL INFORMATION, IS FROM DIGITAL FILE (2 OF 68) SITE PLANDWIG, EMITILED "SITE PLAN," PREPARED BY CENTURY EMORISERING, MO., DATED APRIL 12, 2500M, ARE BASED ON 12, 11th POST-2012 100-YEAR FLOOD PLAN LIMITS SHOWN RESEASO ON 15, 11th POST-2012 AND PLAND LIMITS SHOWN RESEASO ON 15, 11th POST-2012 AND PROVINCE AS PLATE 5 OF THE PHASE IS REPORT. DATED 16/14/2012, AND PROVINCE AS PLATE 5 OF THE PHASE IS REPORT. 3.) JURISDICTIONAL WETLAND BOUNDAINES SHOWNED FROM FIGURES ATTACHED TO THE PHASE OF THE PHASE ATTACHED TO THE PHASE OF THE PHASE OF THE PHASE ATTACHED TO THE PHASE OF THE P

1.) WHILE FEMA HAS RE-ASSESSED AND MODIFIED THE 100 YEAR FLOOD PLAN IN THE VICINITY OF THE SITE. THE PROPOSED LANDRILL PERIMETER ROAD BERM GRADES ARE PROPOSED A MINIMUM OF 5 FEET ABOVE THE NEW FEMA BASE FLOOD ELEVATIONS.

2.) LANDFILL CROSS-SECTIONS ARE PRESENTED ON DRAWINGS 45 AND 46. THE GRADES ON THIS DRAWING REPRESENT THE TOP OF SELECT WASTE (48" THICK). REFER TO DRAWING 14 FOR DETAILS

4.) LEACHATE COLLECTION SYSTEM LAYOUT AND DETAILS ARE PROVIDED ON DRAWINGS 17 THROUGH 21.

5.) MINIMUM SLOPES ON THE CELL FLOOR ARE 3%. MAXIMUM SLOPE ON INTERIOR SIDESLOPES IS 33% PRIOR TO FILLING.

GRAPHIC SCALE

6.) THE FENCELINE IS SHOWN JUST OUTSIDE THE LIMIT OF DISTURBANCE, SO THAT IT IS VISIBLE. IT IS INTENDED TO BE BUILT AT THE LIMIT OF DISTURBANCE.

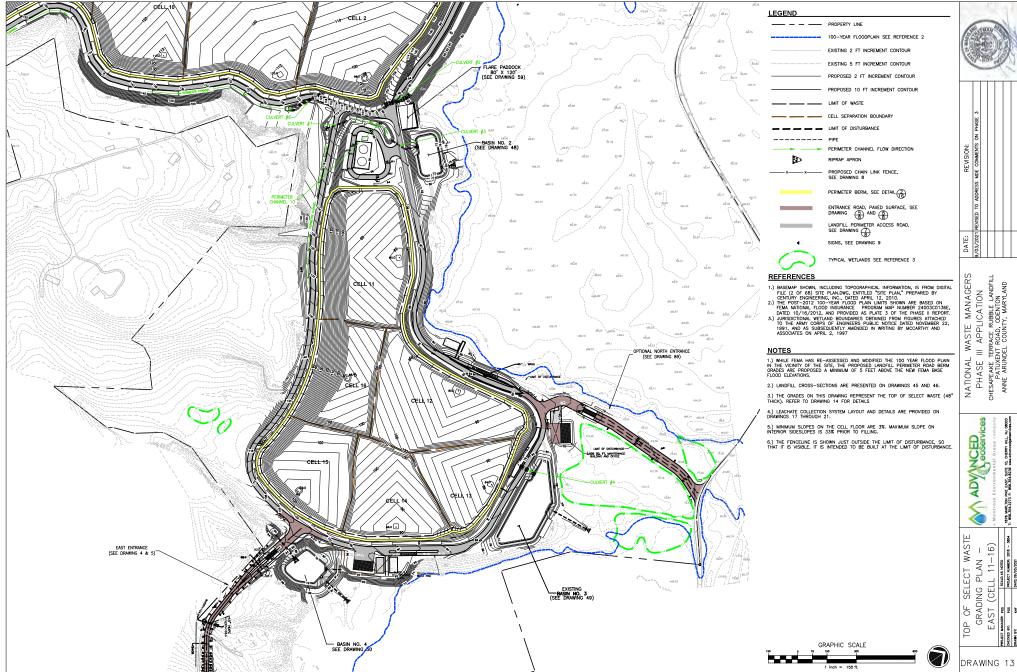


NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERAGE MUBBIE LANDFILL ANN FROMO, ODENTON ANN FRUNGEL CONNTY, MARPILAND WASTE MANAGERS II APPLICATION

ADWANCED ADVICES 1678 MARLTON PINE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 F: 856.364.8256 www.odwnnedgeoservices.com

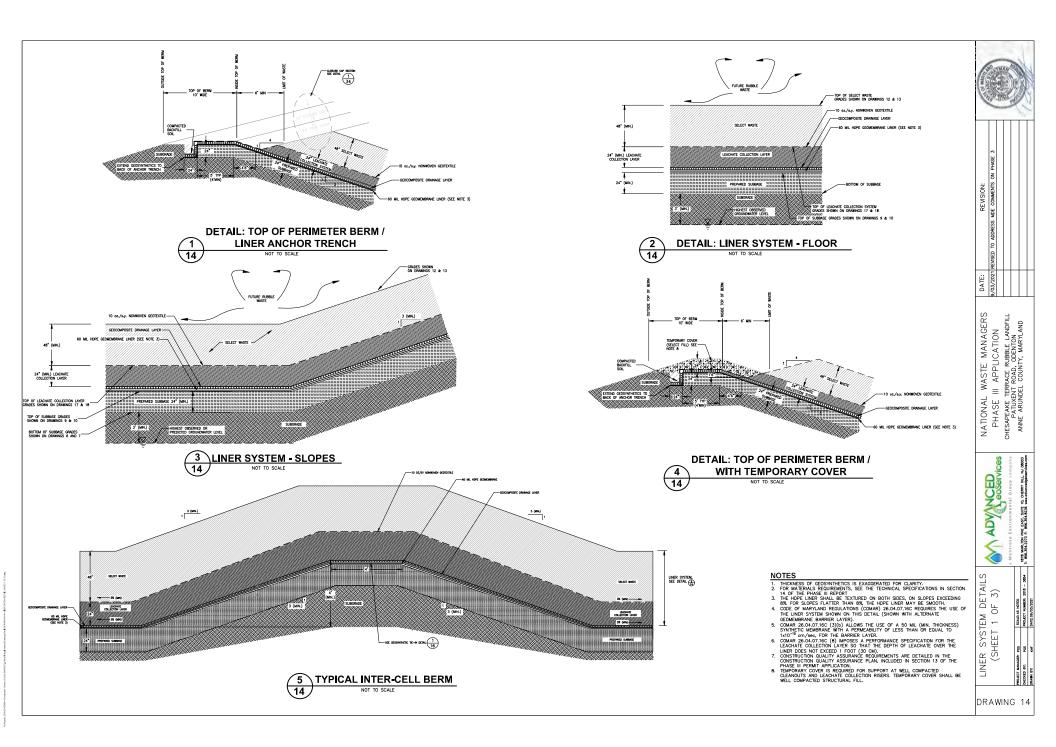
WASTE 1-10)

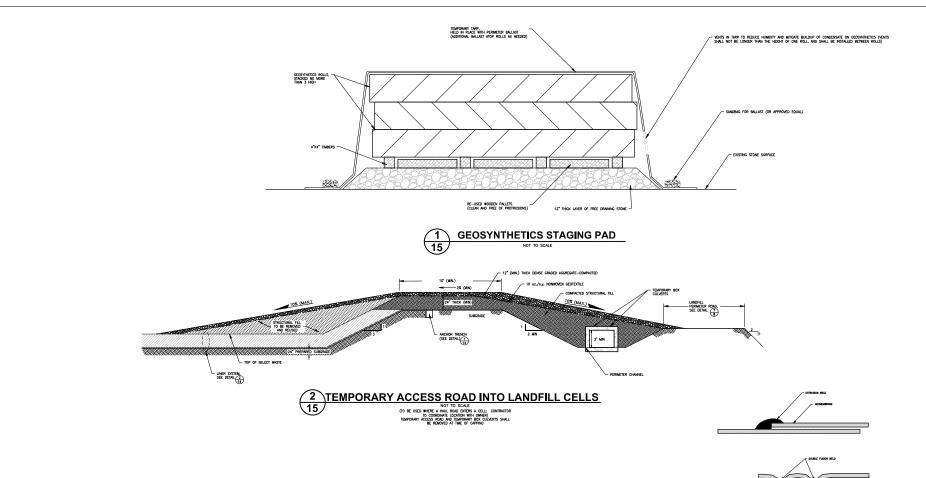
GRADING PLAN WEST (CELL 1-10 SELECT Ы T0P



1678 MARLTON PINE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 F: 856.364.8256 www.odwnnedgeoservices.com

EAST







NOTES

15,

- NOTES

 1.) THIONESS OF GEOSYNTHETICS IS EXAGGERATED FOR CLARITY.

 2.) FOR MATERIALS REQUIREMENTS, SEE THE TECHNICAL SPECIFICATIONS IN SECTION

 14 OF THE PHASE III REPORT

 3.) MINIMUM AND MANUMAN CELL SLOPES ARE 3% AND 33%, RESPECTIVELY, AT THE
 TIME OF CONSTRUCTION.

 4.) THE TEMPORARY CULVERTS SHALL BE CLASS V CONCRETE, CAPABLE OF
 SUPPORTING HESO LOADING.

 5.) GEORGINGHAME SHALL BE LEXTURED ON BOTH SIDES WHEN PLACED ON SLOPES
 STEEPER THAN 8%

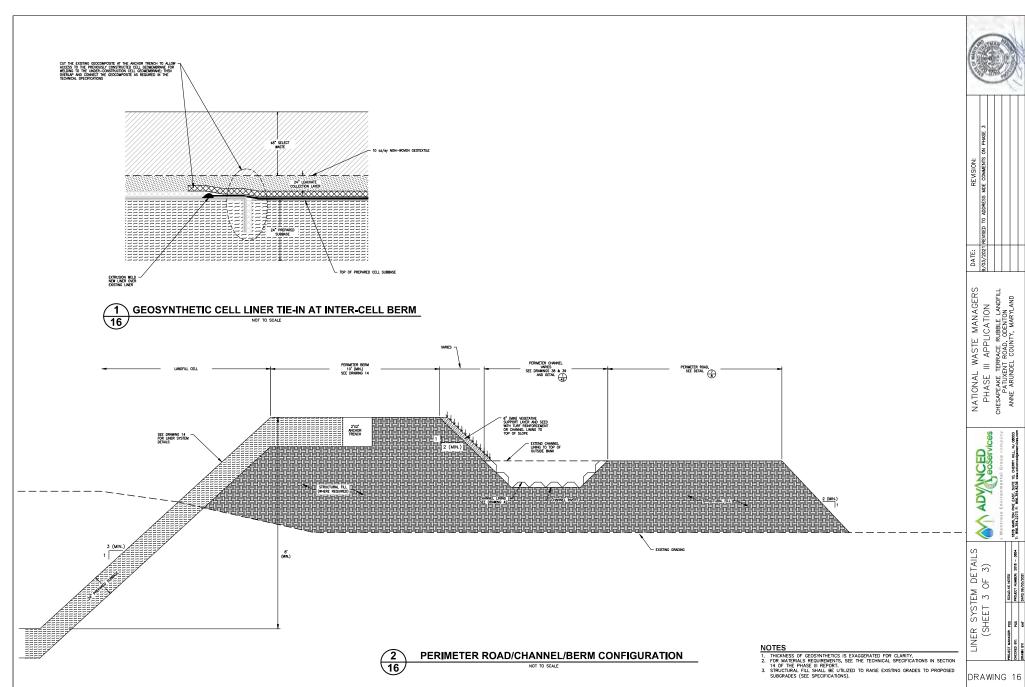
	2			
	PHASE			
	중			l
REVISION:	COMMENTS			
ď	뮻			l
	ADDRESS			
	ဍ			l
	REVISED			
DATE:	9/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3			

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL ANNE ATUVENT POAD, ODENTOWN ANNE ARUNDEL POONNY, MARYLAND

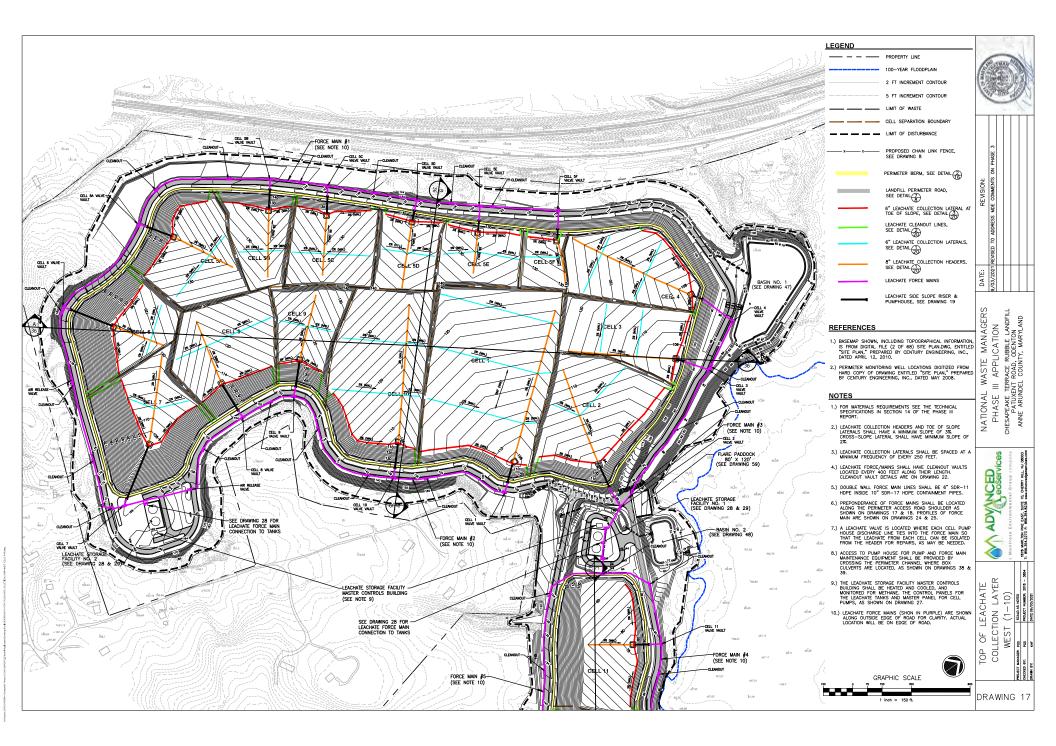
ADVANCED ADVANCED 1678 MARLTON PIKE EAST, SUITE 10, CHERRY HEL, NJ 08003 T: 856.354.2273 F: 856.354.8236 www.advancedgeoervices.com

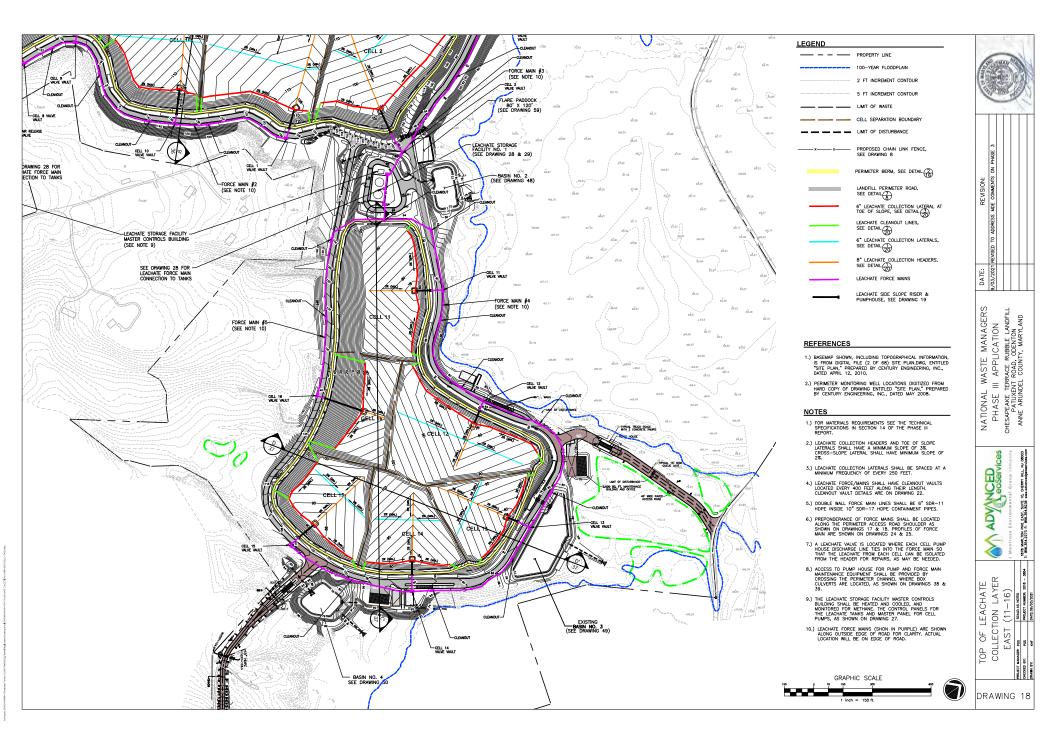
LINER SYSTEM DETAILS (SHEET 2 OF 3)

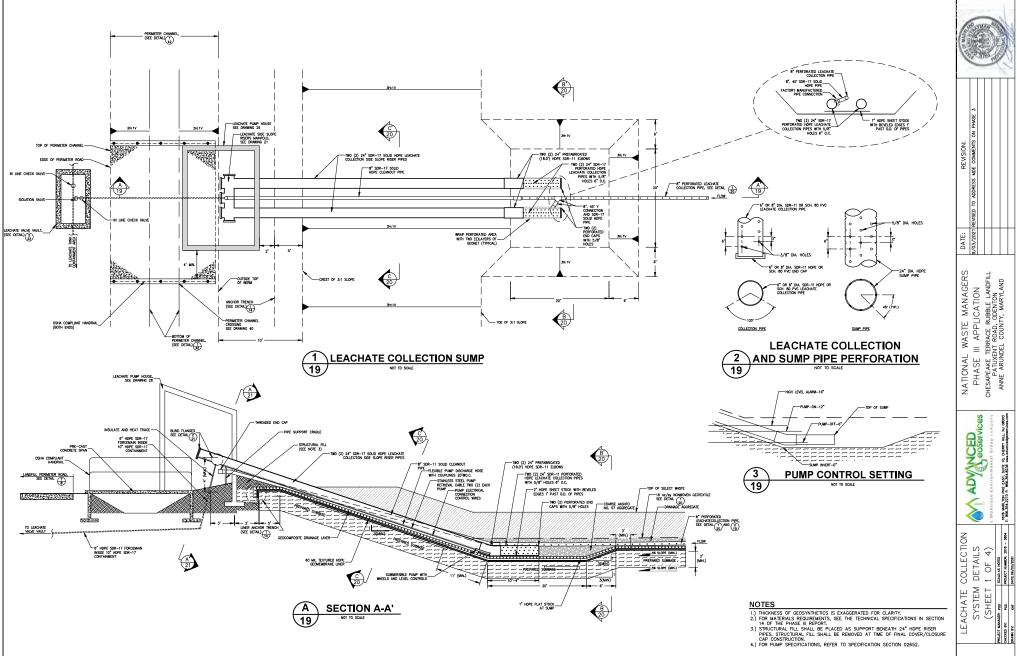
PROJECT MANAGER: PGS CHECKED BY: PGS DRAWN BY: NHF



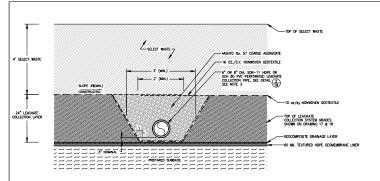
O EWOR'S SCHOOL Made safestions price at 2710054 1615 1 New SHIDA NOTALS CHIEFT LOS

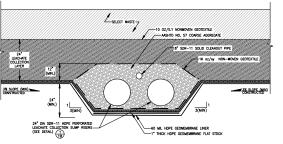


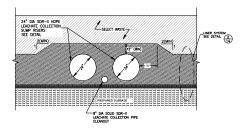




1878 MARLTON PINE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 F: 856.364.8256 www.odwnncedgeoservices.com







C SECTION C-C'

1 LEACHATE COLLECTION PIPE
NOT TO SCALE

20

B SECTION B-B'
NOT TO SCALE

TO DUENT STEEL WOTE

10 DUENT STEEL WOTE

11 DUENT STEEL WOTE

12 DUENT STEEL WOTE

13 PERSONNEL WORK GOLDENER

14 SELECT WOTE

15 DUENT STEEL WOTE

16 DUENT STEEL WOTE

17 PERSONNEL WORK GOLDENER

18 DUENT STEEL WOTE

18 DUENT STEEL WOTE

19 DUENT STEEL WOTE

10 DUENT STEEL WOTE

AMORD No. 57
COMME AMORD NO. 57

TYPICAL LEACHATE CLEANOUT ALONG PERIMETER BERM (DURING FILLING) SEE NOTE

3 LEACHATE COLLECTION AT TOE OF PERIMETER BERM
20 NOT TO SOLE

NOTES

THICKNESS OF GEOSYNTHETICS IS EXAGGERATED FOR CLARITY.
 POR MATERIALS REQUIREMENTS, SEE THE TECHNICAL SPECIFICATIONS IN SECTION 14 OF THE PHASE IN REPORT.
 LEACHATE COLLECTION HEADERS (8" DIA) AND LATERIALS (6"DIA) SHALL BE CONSTRUCTED AT A MINIMUM SLOPE OF 3% AND 2%, RESPECTIVELY.
 SEE DETAIL (35) FOR TYPICAL LEACHATE CLEANOUT ALONG PERIMETER BERM AFTER CAP COMPLETION.

(ald by

TE: REVISED TO ADDRESS AGE COMMENTS ON PHASE 3

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERACE RUBELE LANDFILL ANTIVERIF ROOM, ODERTOWN ANN FARNAD ANN FARNADEL COUNT, MARYLAND

ADVINCED

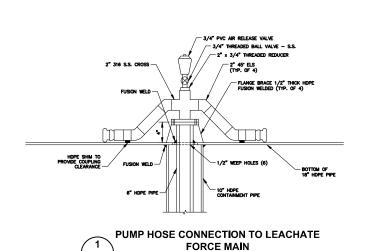
SOCIETY OF STATEMENT OF STATEMENT

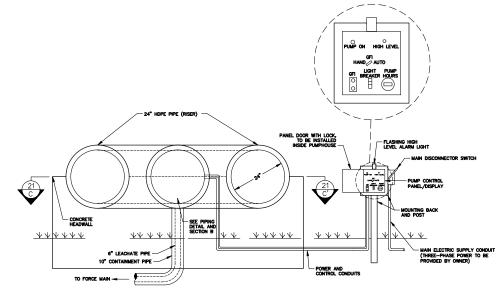
THE SECURITY IS REALLED TO STATEMENT

THE SECURITY IN THE STATEMENT OF THE STATEMENT

THE SECURITY IS REALLED TO STATEMENT OF THE S

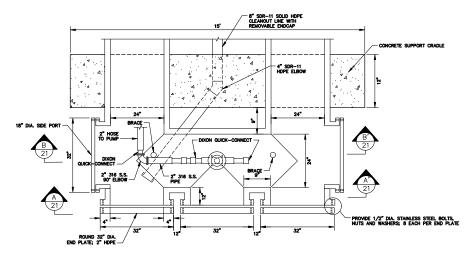
LEACHATE COLLECTION
SYSTEM DETAILS
(SHEET 2 OF 3) 1, No.
STORES SOURCE NOTE 1, NO.
STORES SOURCE

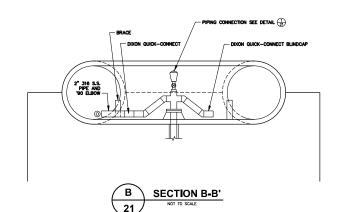




SECTION A-A'

21





SECTION C-C' SIDESLOPE RISER **MANIFOLD - TOP END** 21

NOTES

21

BRACE TO BE 2" HDPE PIPE, 6" TALL FUSION WELDED ON BOTTOM OF PIPE TO KEEP TENSION OFF HARD PIPING.

2.) SEE DRAWING 19 FOR SIDESLOPE RISER/SUMP DETAILS.

NOTES

THICKNESS OF GEOSYNTHETICS IS EXAGGERATED FOR CLARITY.
 FOR MATERIALS REQUIREMENTS, SEE THE TECHNICAL SPECIFICATIONS IN SECTION 14 OF THE PHASE III REPORT

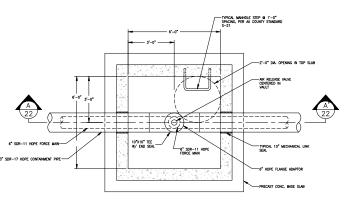


NATIONAL WASTE MANAGERS PHASE III APPLICATION

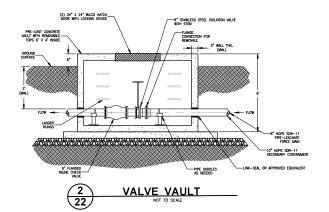
ADWINCED ADVINCED 1676 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr 856.354.2273 Fr 856.354.8236 www.advancedgeoerriche.com

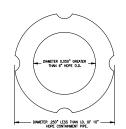
LEACHATE COLLECTION
SYSTEM DETAILS
(SHEET 3 OF 3)

soon means not product with a product with a





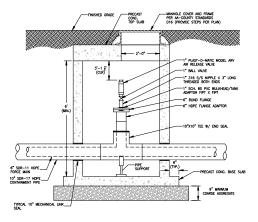




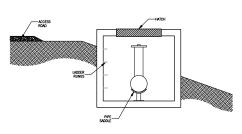
LOOSE FIT

4 DUAL CONTAINED CENTRALIZER

NOT TO SCALE







SECTION VIEW

B TYPICAL FORCEMAIN CLEAN-OUT VAULT

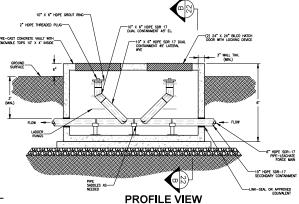
NOTE 400 FEET MONT TO SCALE ALONG FORCEMAN

TYPICAL SLOT PER
PET MANUFACTURER'S
PET MANUFACTURER'S
PET MANUFACTURER'S
PET COMMERCY
AS CHAMPER
A

PRESS FIT

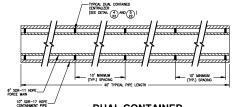
5 DUAL CONTAINED CENTRALIZER

NOT TO SOME



FORCE MAIN CLEAN-OUT VAULT

TOTO SCALE
NOTE: 400 FEET MANIMUS PROVIDE LONG FORCEMAN



DUAL CONTAINED
CENTRALIZED PLAN
NOT TO SCALE

Carrier of the same of the sam

TE: REVISION:
//2021 REVISION: ADDRESS ME COMMENTS ON PHACE 3

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERROE BUBBE LANDFILL ANNE ARUNDEL COUNTY, MARYLAND ANNE ARUNDEL COUNTY, MARYLAND

ADVINCED

Noncon Environmental Grap company

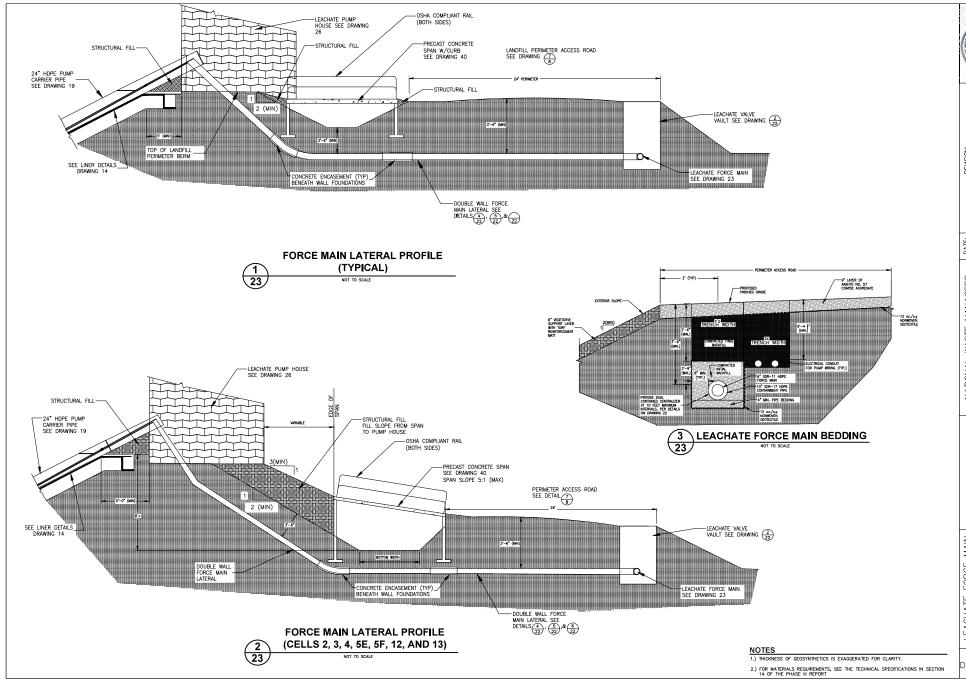
Noncon

DETAILS (SHEET 1 OF 2)

MATERIALS (SHEET 1 OF 2)

MATERIALS (SHEET 1 OF 2)

MATERIAL STREET 1 OF 2)

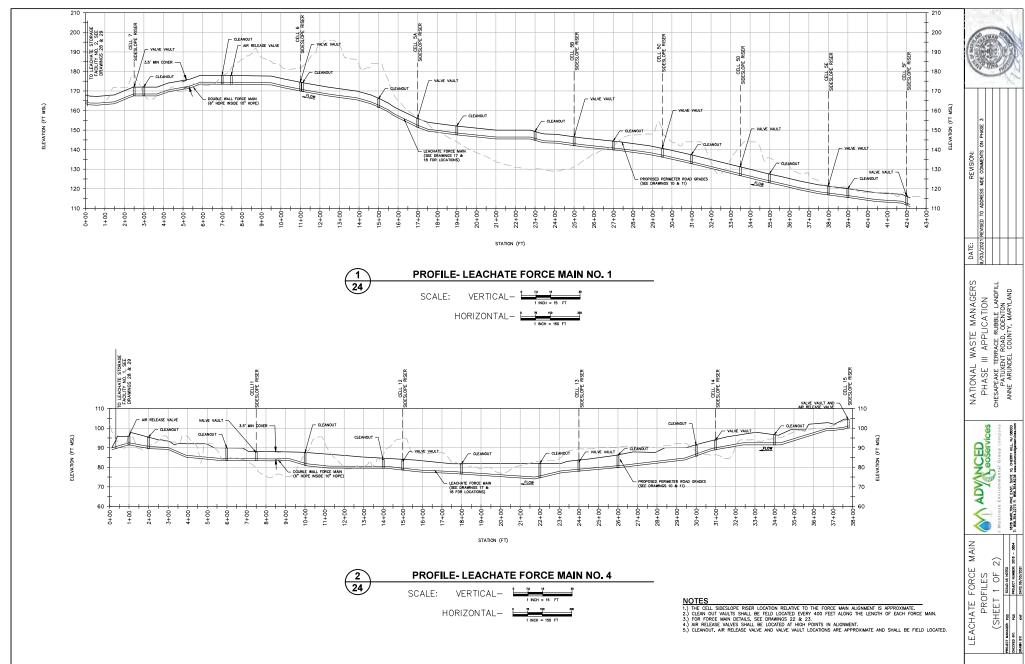


NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND

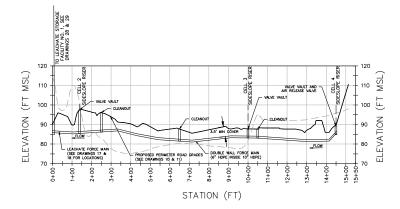
ADVANCED ADVANCED Services 1678 MARLTON PIKE EAST, SUITE 10, CHERRY HIL, NJ 08003 ; 856.354.2273 F: 856.354.8236 www.odvancedgeoservices.com

MAIN OF 2) 8 8 7

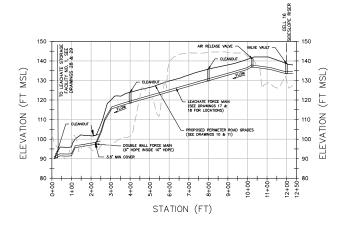
LEACHATE FORCE DETAILS (SHEET 2

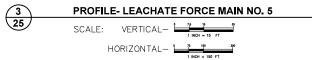












NOTES

1.) THE CRUE SIDESLOPE PRISE LOCATION RELATIVE TO THE FORCE MAIN ALIGNMENT IS APPROXIMATE.

1.) THE ORLY MALES SHALL BE FIELD LOCATED EVERY 400 FEET ALONG THE LENGTH OF EACH FORCE MAIN.

3.) FOR FORCE MAIN DETAILS, SEE DRAWINGS 22 & 400

1.) FOR FORCE MAIN DETAILS, SEE DRAWINGS 22 & 400

1.) CALL RELEASE VALVES SHALL BE LOCATED AT HIGH POINTS IN ALIGNMENT.

5.) CLEANOUT, AR RELEASE VALVES AND VALVE VALUE LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD LOCATED.

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND

ADVANCED ADVANCED ADVANCES 1676 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr 856.354.2273 Fr 856.354.8236 www.advancedgeoerriche.com

LEACHATE FORCE MAIN
PROFILES
(SHEET 2 OF 2)
PROFILES
(

CELL PUMP HOUSE



- ELECTRIC SUPPLY FOR HEATER (SEE NOTE 4)

- SPACE HEATER FAN (SEE NOTE 4)



NOTES ACCESS PLATFORM STAIRS
(SEE NOTE 3) —

NOTES

1) PUMP HOUSE IS INTENDED TO PROVIDE SHELTER FOR WORKERS PERFORMING GAM ACTIVITIES IN INCLEMENT WEATHER.

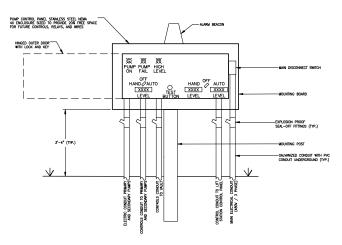
2) THE CONTROL POSSESS SHALE BE INSTALLED ON THE PROVIDE OF THE PROVIDE O

- 1		-	8
REVISION:	3/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3		
DATE:	3/03/2021		

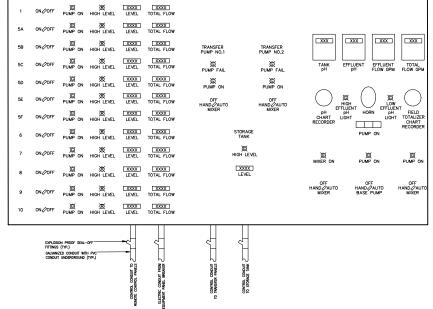
NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEARE TERRACE RUBBLE LANDFILL ANNE ARUNDEL COUNT, MARLAND ANNE ARUNDEL COUNT, MARLAND

ADVANCED Societies 1678 MARITON PIKE EAST, SUITE 10, CHERRY HILL, NJ 06003 T: 856,354,2273 F: 856,354,8236 www.ofvanoedpesservices.com

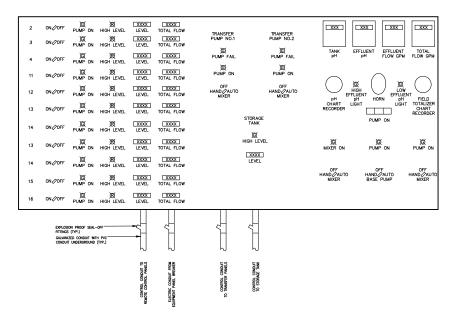
LEACHATE PUMP HOUSE DETAILS



LEACHATE CONTROL SUMP PUMP **CONTROL PANEL AT EACH CELL** 27







MAIN CONTROL PANEL AT 2 LEACHATE STORAGE FACILTY No. 1

Cell or Sub-cell ID	Peak Leachate Generati on (gpm)	Total Head (ft)	Selected Pump
1	91.8	108.9	Model 18-4 HP 5.0
2	54.8	50.2	Model 18-2 HP 3.0
- 3	34.1	35.2	Model 18-1 HP 1.5
4	38.1	35.3	Model 18-1 HP 1-5
5A	41.4	93.4	Model 18-2 HP 3.0
58	24.5	89.2	Model 18-2 HP 3.0
50	31.5	89.4	Model 18-2 HP 3.0
5D	20.3	87.2	Model 18-2 HP 3.0
SE	23.5	89.3	Model 18-2 HP 3.0
SF	11.7	87.1	Model 18-3 HP 5.0
6	40.8	101.3	Model 18-3 HP 5.0
7	53.4	107.1	Model 18 3 HP 5.0
8	43.3	99.1	Model 18-3 HP 5.0
9	28,7	97.1	Model 18-2 HP 3.0
10	68.2	107.8	Model 18-3 HP 5.0
-11	53.4	59.2	Model 18-2 HP 3.0
12	44.8	59.3	Model 18-2 HP 3.0
13	27.5	55.2	Model 18-1 HP 1.5
14	23.9	53.2	Model 18-1 HP 1.5
15	37.9	51.5	Model 18-2 HP 3.0
16	33.3	51.2	Model 18-1 HP 1-5

1) FOR PUMS SPECIFICATIONS, REFER TO TECHNICAL SPECIFICATION SECTION 02852.

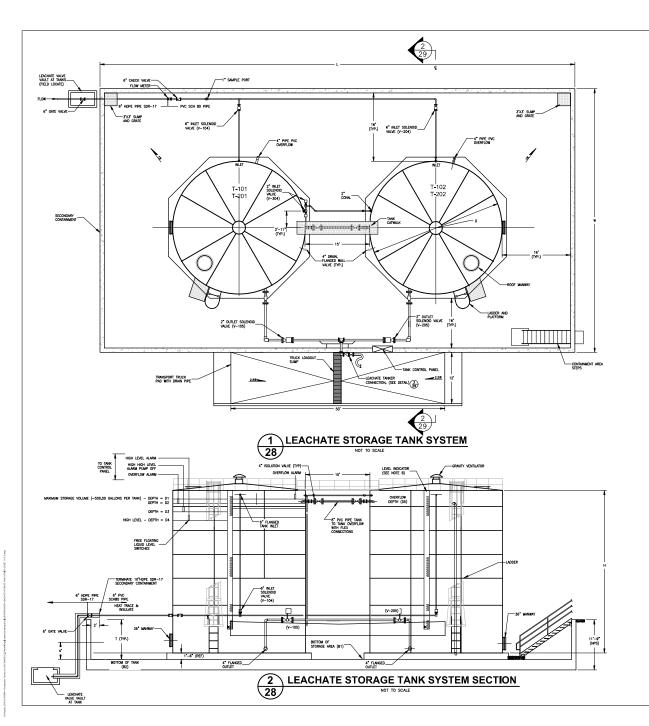
2.) THE MAIN CONTROL PANELS AT EACH LEACHATE STORAGE FACILITY SHALL BE LOCATED IN A SMALL BULDING TO PROVIDE SHELTER DURING INCLEMENT WEATHER AND STORAGE OF BACKUP PUMPS AND PEATED EXCOMPANIES.



NATIONAL WASTE MANAGERS PHASE III APPLICATION

ADVANCED ADVANCED Services 1678 MARLTON PICE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 Ft. 856.364.8236 www.advancedgeoervices.com

LEACHATE CONTROL PANEL LAYOUT



PARAMETER	LECHATE STORAGE AREA NO. 1	LEACHATE STORAGE AREA NO. 2
# OF TANKS	2	2
STORAGE IN EACH TANK	500,000 GALLONS	500,000 GALLONS
TANK DIAMETER (D)	45 FT	45 FT
TANK HEIGHT (H)	46 FT (MIN)	46 FT (MIN)
STORAGE AREA LENGTH (L)	140 FT	140 FT
STORAGE AREA WIDTH (W)	80 FT	80 FT
STORAGE AREA HEIGHT (T)	9 FT	9 FT
BOTTOM OF STORAGE AREA (B1)	90	162
BOTTOM OF TANK (B2)	92	164
TOP OF TANK ELEV	138	208
MAXIMUM STORAGE VOLUME DEPTH (D1)	43 FT	43 FT
OVERFLOW ALARM (D2)	40 FT	40 FT
HIGH HIGH LEVEL ALARM (D3)	37 FT	37 FT
HIGH LEVEL ALARM (D4)	33 FT	33 FT
OVERFLOW (D5)	39 FT	39 FT
TANK REFERENCE ID.	T-101 & T-102	T-201 & T-202

GE MAIN	A STATE OF THE PARTY OF THE PAR	100 Sept.	展	
REVISION:	DE COMMENTS ON PHASE 3			

REVISION:	9/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3		
DATE:	9/03/202		
_ ا			

LEGEND

1" SAMPLE PORT

2" CHECK VALVE FLOW METER

2" INLET SOLENOID VALVE (V-104)

4" DRAIN, FLANGED BALL VALVE (TYP.)

4" OTLET SOLENOID VALVE (V-205) 101

OVERFLOW ALARM

4" FLANGED OUTLET

NOTES

NOTES

1) ALL PINNO FROM STE CELL PUMPING STATIONS TO LEACHITE TANK FARM CONTAINMENT WALL TO BE 6" HOPE: SDR-17, THEN FLANGED CONNECTED TO PVG SST. BO PIPE TO STORAGE TANKS.

2) STORAGE TANKS HAVE DESIGN STORAGE VOLUMES OF DAYPROXIMENTEY SOLODO CALLONS EACH, THE STRONGE TANKS HAVE DESIGN STORAGE VOLUMES OF DAYPROXIMENT SOLODO CALLONS SECUL. THE STRONGE TO THE COMPRISE OF THE STATE OF 41,000 GPD.

3) SEAL 4" POP IPE PENETRATION THROUGH SECONDARY CONTAINMENT FROM TRUCK LOADOUT PAU.

5) SEE DRAWING 10 & 11 FOR SITE PLAN LAYOUT.

6.) AND PIPING EST THAN SETE RELOW GROUND SURFACE, STANKES AS SOLODIATED STATE OF THE RELOW OF STORAGE.

71 LIVER HELDIGATOR TO BE INSTALLED IN FROMT OF STORAGE.

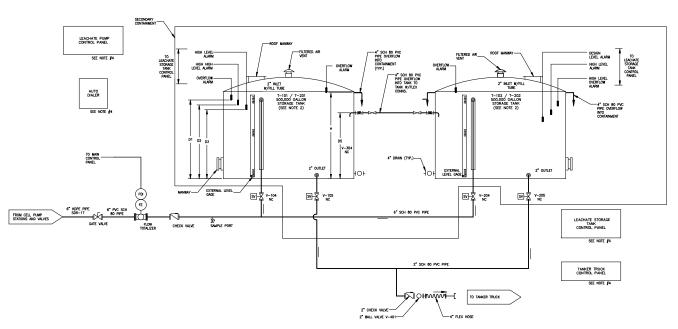
83 AS STRUCTURAL ENGINEER WILL BE REQUIRED TO DEVELOP THE STRUCTURAL DESIGN FOR SOME SECONDARY CONTAINENT RICH CONTRIBUTION.

NATIONAL WASTE MANAGERS
PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND

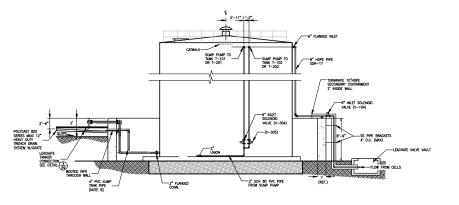
ADVANCED ADVANCED ADVANCES 1676 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr 856.354.2273 Fr 856.354.8236 www.advancedgeoerriche.com

LEACHATE STORAGE
TANK DETAILS
(SHEET 1 OF 2)

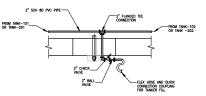
CHURLER REST IN TORAGE NAME OF THE PARTY OF T



LEACHATE STORAGE TANKS (1) 29 **PROCESS & INSTRUMENTATION DIAGRAM**







LEACHATE TANKER CONNECTION

LEGEND

	LEACHATE PIPE LINE
F@	FLOW TOTALIZING INDICATOR
FE	FLOW ELEMENT
sv	SOLENOID VALVE
Œ	HIGH LEVEL
<u>(L)</u>	LOW LEVEL
NC	NORMALLY CLOSE
NO	NORMALLY OPEN
T	TANK
) —	QUICK CONNECT COUPLING
-	DIRECTION OF FLOW
	ENTRY AND EXIT FLOW
	MAGNETIC FLOW METER
•	LEVEL SWITCH
	SUMP PUMP
\bowtie	GATE VALVE
10-	BALL VALVE
\neg	CHECK VALVE

NOTES

NOTES

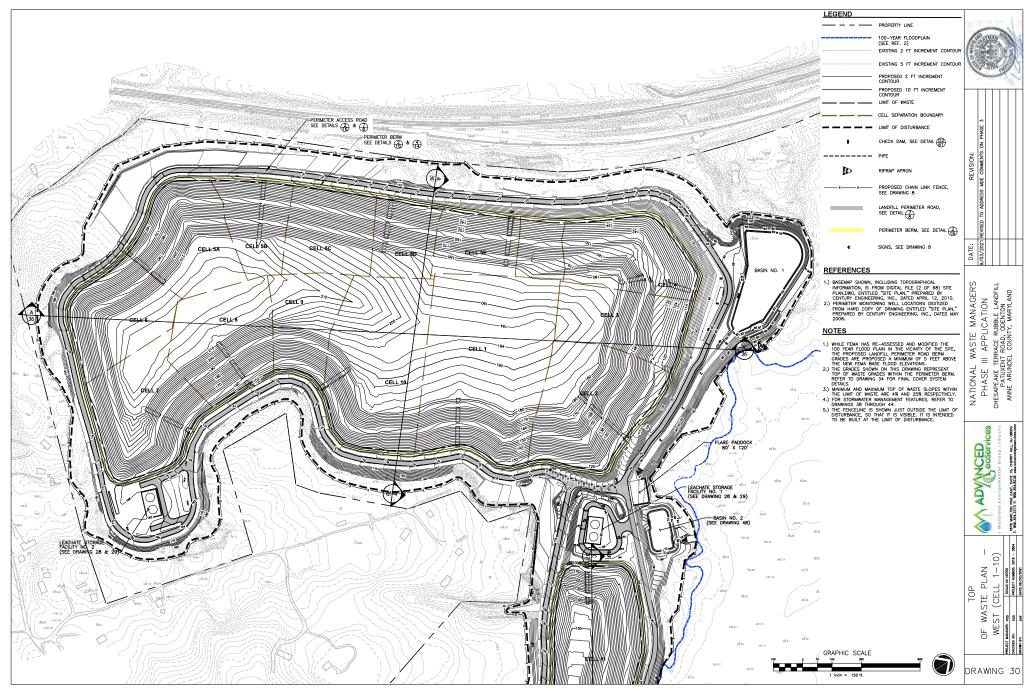
1.) ALL PIPING FROM SITE CELL PUMPING STATIONS TO LEACHAITE TANK FARIN CONTAINMENT WALL TO BE 6" HOPE, SDR-17, THEN TANK FARIN CONTAINMENT WALL TO BE 6" HOPE, SDR-17, THEN TANK FARIN CONTAINMENT WALL TO BE 6" HOPE, SDR-17, THEN TANK FARING FROM THE STATE AND TH

	REVISION:	9/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3		
:	DATE:	9/03/202		

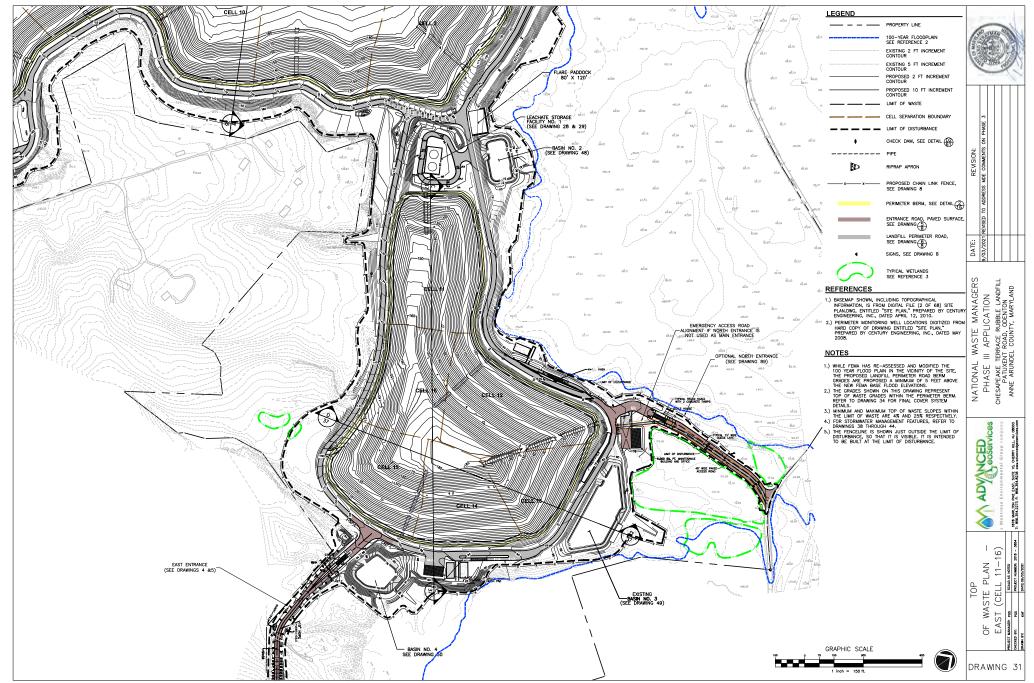
NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND

ADWINCED ADVINCES 1676 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr 856.354.2273 Fr 856.354.8236 www.advancedgeoerriche.com

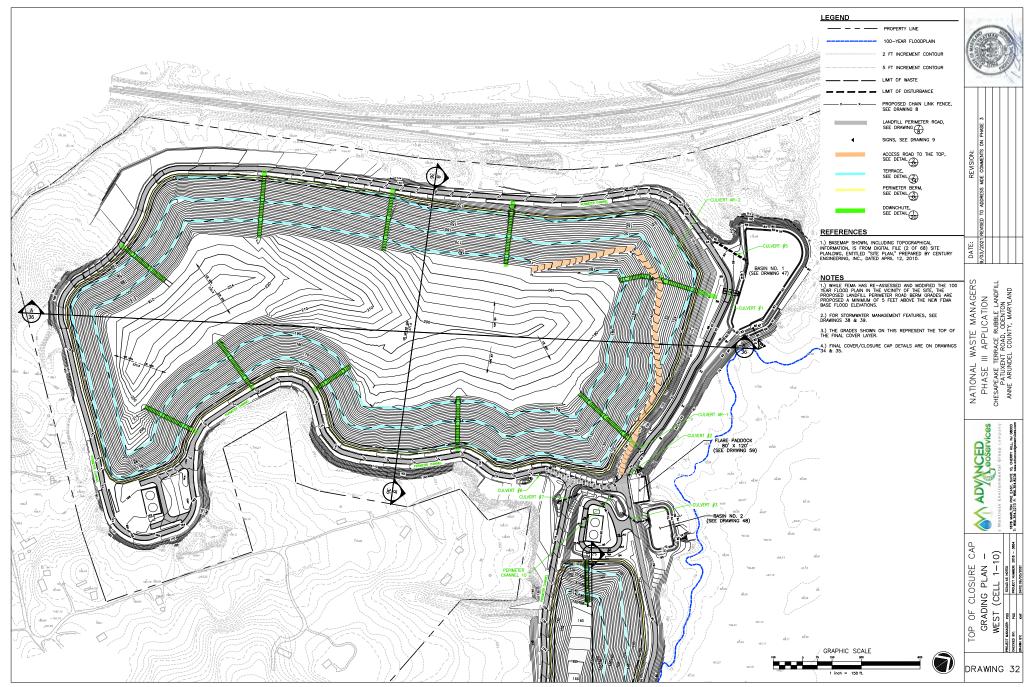
LEACHATE STORAGE
TANK DETAILS
(SHEET 2 OF 2)
CHEET 2 OF 2)



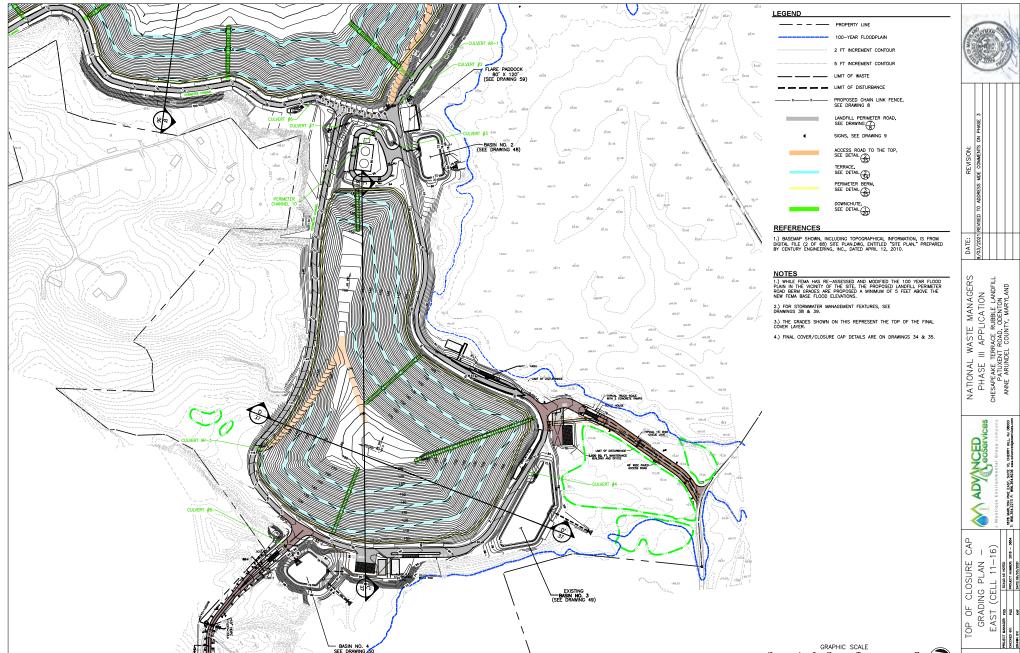
Terror U72078W86C 175am III 4ed netexiD-weepithed 2010904 Not - 108 Or NGST 6,ab- NGST (St.) - 10.4mg



1994 - Deservan Terson UPGAD SANDE C. Sharelli Age safendo averpiño a 2010/904 6611 - 104 OF WORK 6440 - 1667 (CEL 11-19) ever

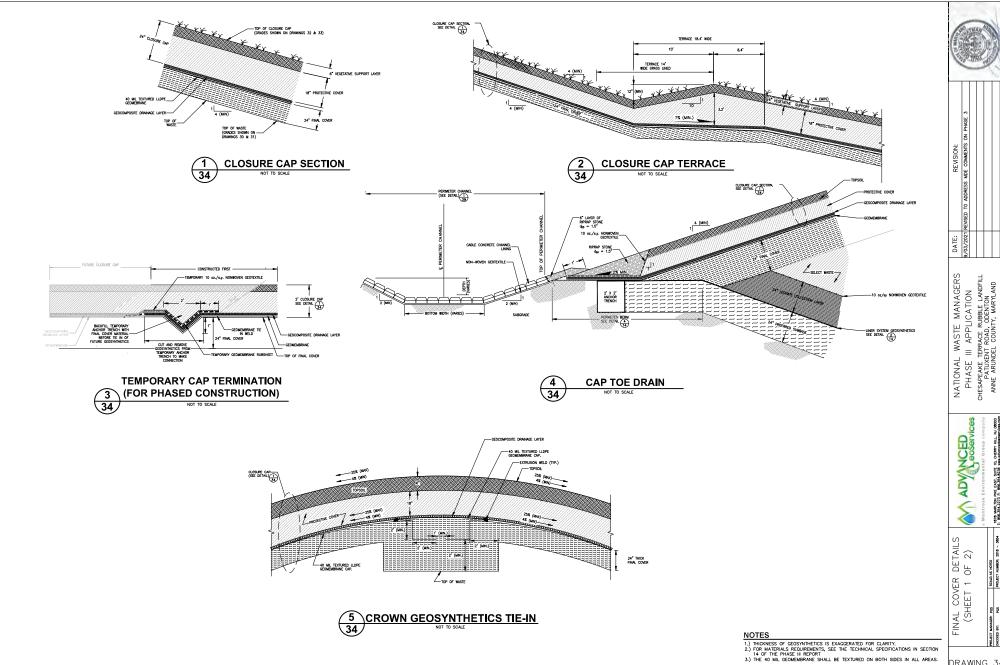


enement Terror United BANGES Christial Magnement Shreek STRINGA Miss. GOGLIRS CID CHARPED SLAW. AUST COS. 1-18 de

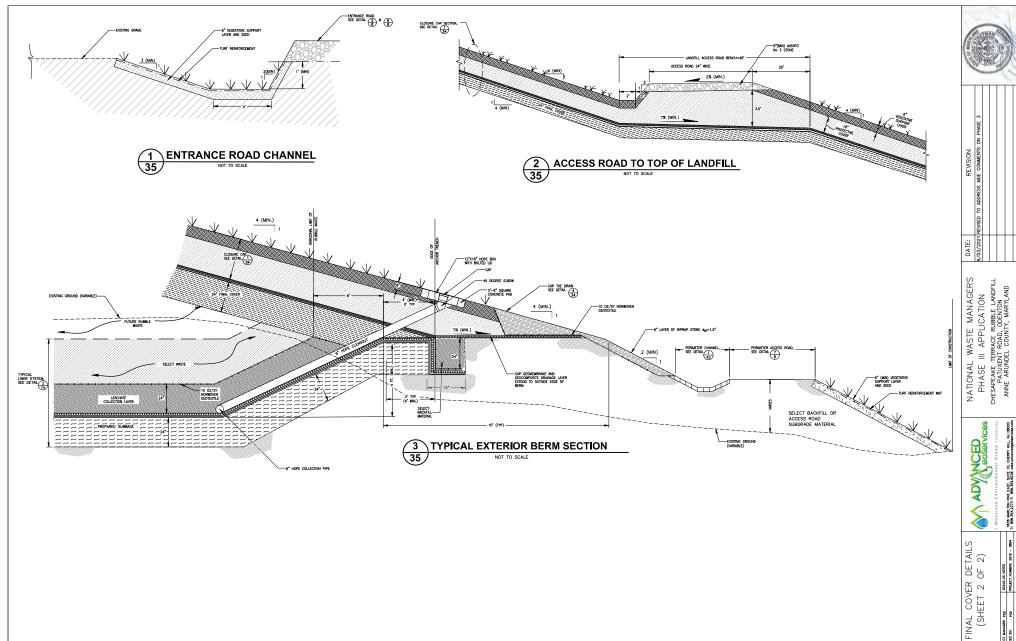


		m			
		PHASE			
		š			
	REVISION:	2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3			
		MDE			
		ADDRESS			
		2			
		REVISED			
	TE:	2021			l

1878 MARLTON PINE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 F: 856.364.8256 www.odwnncedgeoservices.com



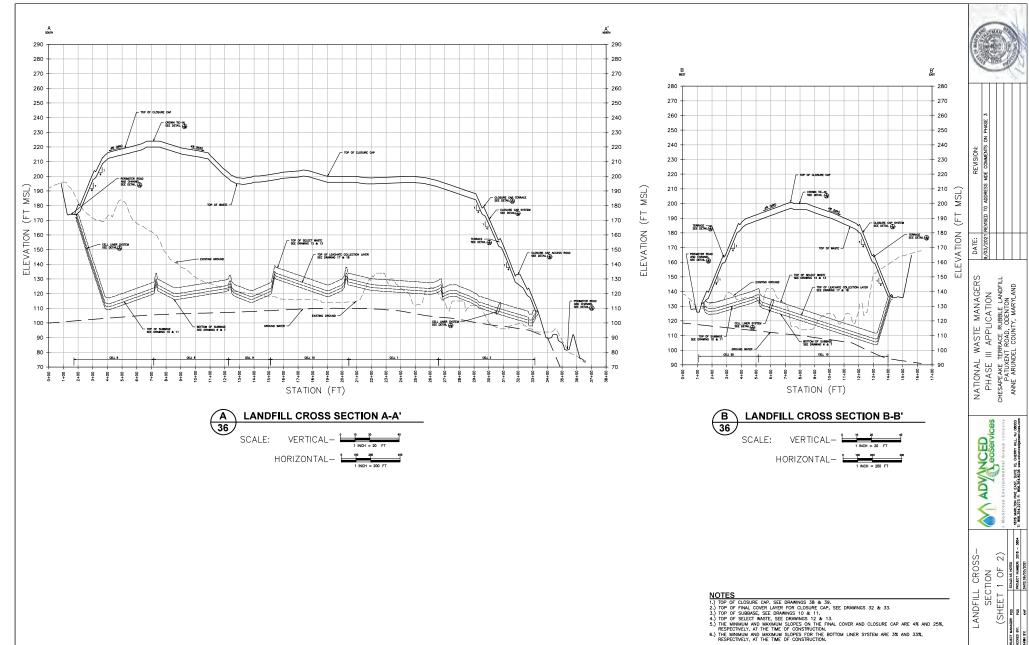
1678 MARLTON PIKE EAST, SUITE 10, CHERRY HEL, NJ 08003 T: 856.354.2273 F: 856.354.8236 www.advancedgeoervices.com



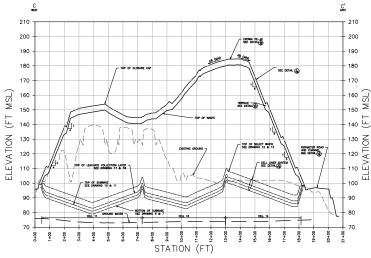
DRAWING 35

NOTES

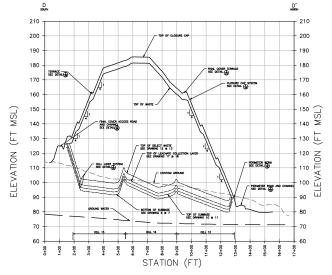
1.) THICKNESS OF GEOSYNTHETICS IS EXAGGERATED FOR CLARITY.
2.) FOR MATERIALS REQUIREMENTS, SEE THE TECHNICAL SPECIFICATIONS IN SECTION 14 OF THE PHASE III REPORT

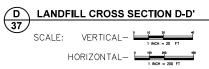


Poyer 2014 SERVING - Chespain Terror U.C.O. TWORCE Chest Bug care disease prime party 2015 1809.









NOTES

1.) TOP OF CLOSURE CAP, SEE DRAWINGS 38 & 39.
2.) TOP OF FINAL COVER LAYER FOR CLOSURE CAP, SEE DRAWINGS 32 & 33.
3.) TOP OF SUBBASE, SEE DRAWINGS 10 & 11.
4.) TOP OF SLEECT WASTE, SEE DRAWINGS 12 & 13.
5.) THE WINMUM AND MAXIMUM SLOPES ON THE FINAL COVER AND CLOSURE CAP ARE 4% AND 25%, RESPECTIVELY, AT THE TIME OF CONSTRUCTION.
6.) THE WINMUM AND MAXIMUM SLOPES FOR THE BOTTOM LINER SYSTEM ARE 3% AND 33%, RESPECTIVELY, AT THE TIME OF CONSTRUCTION.

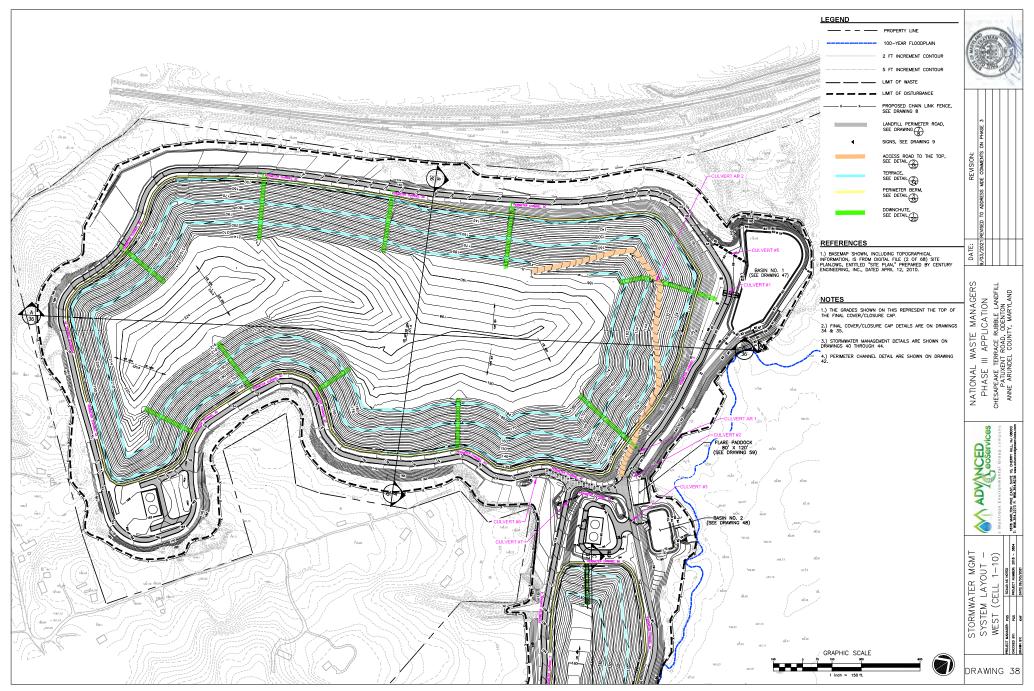
DATE: REVISION: REVISION: 8/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND

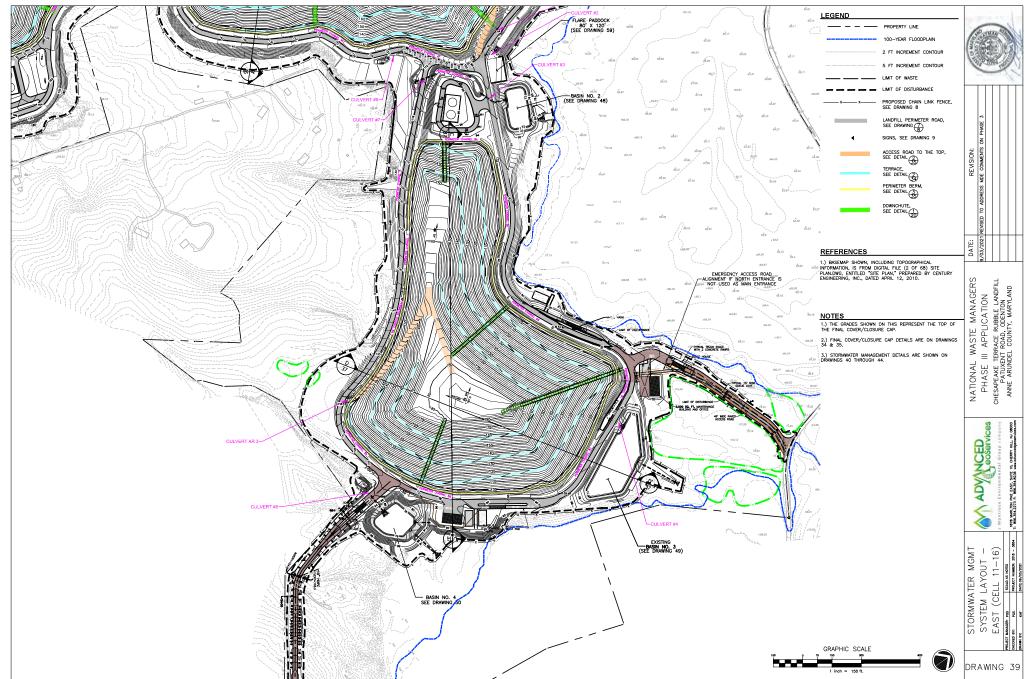
ADVANCED A POServices 1678 MARLTON PIKE EAST, SUITE 10, CHERRY HEL, NJ 08003 T: 856.354.2273 F: 856.354.8236 www.advancedgeoervices.com

LANDFILL CROSS—
SECTION
(SHEET 2 OF 2)

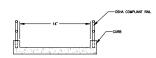
For res | Section of the property of t



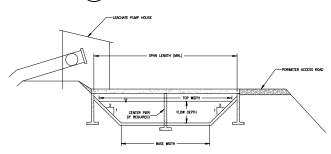
agene Tenes (17,000 IMMER). Pher III agg enemberings her 2010 for symmetry natherings (1700 Flan MS)



STREET CHARGE TOWN (VACOTANGE COMMITTEE AND LINGS) SHIPS AGE STORMANTS MAINSTANCE (LOGITERS - BOT 2011 THE 664

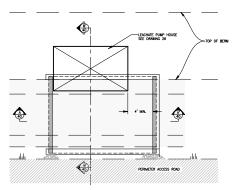






LEACHATE PUMP HOUSE EXTENDS ONTO CHANNEL CROSSING SPAN FOR ALL CELLS EXCEPT 2, 3, 4, 5E, 5F, 12, AND 13





PERIMETER CHANNEL CROSSING (AT PUMP HOUSES)

NUMBER	(FT)	(FT)	(FT)	SPAN LENGTH
1	29.5	13-	28.3	92.3
7	15.1	1.5	29/1	11.1
3	9.0	-22	18.4	28.4
- 4	9.6	2.2	18-4	22.4
54	9.6	1	17.6	21.6
38	13.8	7.6	2A.2	282
- 35	13.8	2.6	247	- 28.2
SD	15-1	2.6.	25.5	29.5
装	25.1	3.2	27.9	31.9
9	75.1	3.2	27.9	31.9
-6	4.1	2	32.1	16.1
7.	NA	1tA	HA	NA
8	19-8	7	21.8	28.8
- 9	13:5	2.5	23.8	77.8
10	19.4	2.8	26.3	26.3
-11	8.9	-2.6	18.7	22.7
12	9.6	2.6	20	21
11	37.9	2.2	26.7	90.7
14	0.9	- 2	36.3	70.3
15	2.90	- X	30.8	34.8
16	2.8	2	30.5	14.6

TABLE: CHANNEL CROSSING TO PUMP HOUSE CHANNEL CROSSING END FOUNDATIONS MUST BE PLACED OUTSIDE OF CHANNEL FLOW

- NOTES

 1.) THICKNESS OF GEOSYNTHETICS IS EXAGGERATED FOR CLARITY.

 2.) FOR MATERIALS MEQUIREMENTS, SEE THE TECHNICAL SPECIFICATIONS IN SECTION

 3.) FLOW DEPTH BASED OIL 25 MER-24 HOUR DESIGN STORM EVENT.

 4.) PRECAST CONCRETE BRIDGE SPAN AND FOUNDATION SUPPORTS SHALL BE
 DESIGNED BY A MARYLAND LICENSED STRUCTURAL ENGINEER.

 5.) SPAN LENGTH 1918 FT MAY BE CONSTRUCTED WITH A CENTER PIER, PROVIDED
 WIGHT OF PERIS ILSES THAN 35 OF SPAN WORLD.

 6.) LEGICHATE PUMP HOUSE EXTENDS ONTO CHANNEL CROSSING SPAN FOR ALL

 5.) CHANNEL CROSSING END FOUNDATIONS MUST BE PLACED OUTSIDE OF CHANNEL

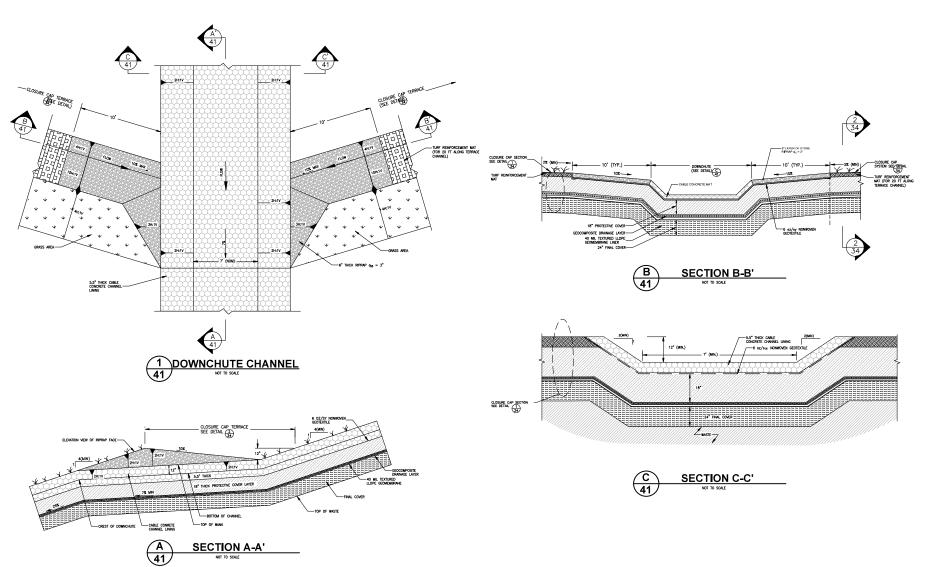
 FLOW.

DATE: REVISION: REVISION: 8/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL ANNE ATUVENT ROAD, COENTOW ANNE ARUNDEL ROAD, THE ARUNDEL COUNTY, MARYLAND

ADWANCED ADVANCED 1678 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr 856.304.2273 Fr 856.304.8236 www.advancedgeogenices.com

STORMWATER
MANACEMENT SYSTEM
DETAILS (SHEET 1 OF4) , sensor macrimuses response resp

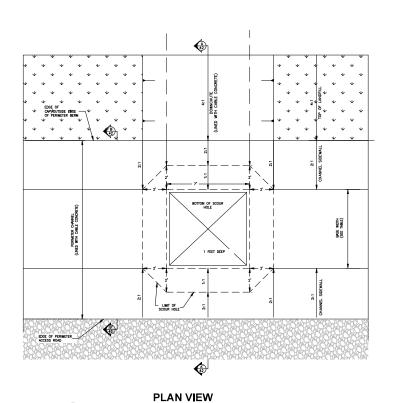


NOTES

THICKNESS OF GEOSYNTHETICS IS EXAGGERATED FOR CLARITY.
 FOR MATERIALS REQUIREMENTS, SEE THE TECHNICAL SPECIFICATIONS IN SECTION 14 OF THE PHASE III REPORT

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL ANNE ATUVENT ROAD, COENTOW ANNE ARUNDEL ROAD, THE ARUNDEL COUNTY, MARYLAND

ADVANCED ADVANCED 1678 MARLTON PIKE EAST, SUITE 10, CHERRY HEL, NJ 08003 T: 856.354.2273 F: 856.354.8236 www.advancedgeogrifices.com

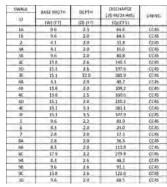


TYPICAL DOWNCHUTE SCOUR HOLE

1:1 SIDE SLOPE AT SCOUR HOLE



-PERIMETER ACCESS ROAD (SEE DETAIL)





	m			
	PHASE			
	š			
REVISION:	COMMENTS			
œ.	MDE			
	ADDRESS			
	2			
	REVISED			
DATE:	9/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3			

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL ANNE ATUVENT ROAD, COENTOW ANNE ARUNDEL ROAD, THE ARUNDEL COUNTY, MARYLAND

ADVANCED ADVANCED 1678 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr 856.304.2273 Fr 856.304.8236 www.advancedgeogenices.com

NOTES

1.) THICKNESS OF GEOSYNTHETICS IS EXAGGERATED FOR CLARITY.

2.) FOR MATERIALS REQUIERMENTS, SEE THE TECHNICAL SPECIFICATIONS IN SECTION 14 OF THE PHASE III REPORT

EXTEND CABLE CONCRETE CHAN UNING TO TOP OF SLOPE

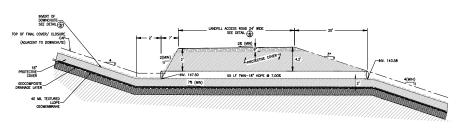
SECTION A-A

ANNEL BASE WIDTH (SEE TABLE)

SECTION B-B'

DOWNCHUTE ACCESS CROSSING ROAD

NOT TO SCALE



3:1 SLOPE AT PIPE CROSSING ONLY. ALL OTHER OUTSIDE SLOPE OF ACCESS ROAD TO TOP OF LANDIFLE SHALL BE 4:1



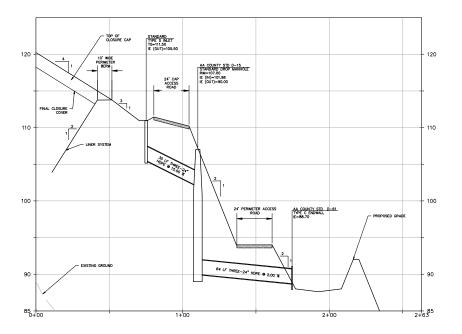


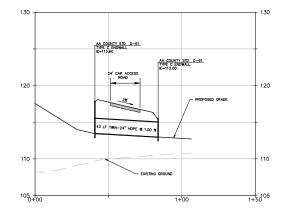
REVISION: 1 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERACE RUBBLE LANDFILL ANNE APHYSENT ROAD, ODENTOWN ANNE ARUNDEL COUNTY, MARYLAND

ADVANCED ADVANCED 1678 MARLTON PIKE EAST, SUITE 10, CHERRY HEL, NJ 08003 T: 856.354.2273 F: 856.354.8236 www.advancedgeogrifices.com

STORMWATER
MANAGEMENT SYSTEM
DETAILS (SHEET 4 OF 4)
macer waven res recurs were recovered to the control of the









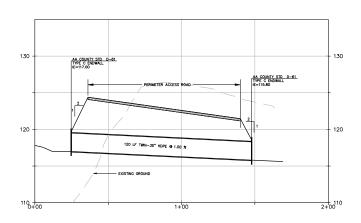


DATE: REVISION: 9/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3

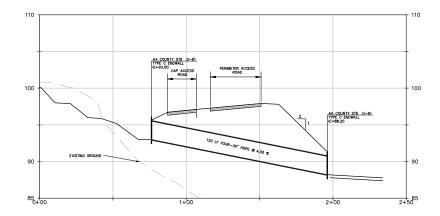
NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL ANNE ARUNGEL FOOD, OTENTOND ANNE ARUNDEL FOOD, "MARYLAND

ADVANCED A POServices 1878 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 Fr. 856.364.8236 www.advancedgecervices.com

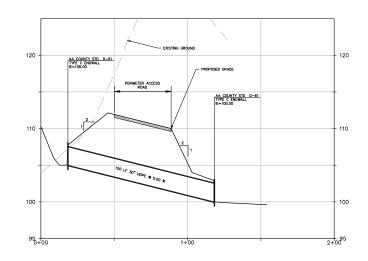
STORMWATER
CULVERT PROFILES
(SHEET 1 OF 2)
E INMERS TO THE STATE OF TH











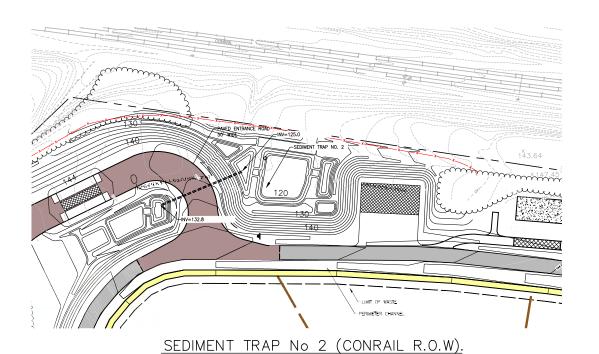


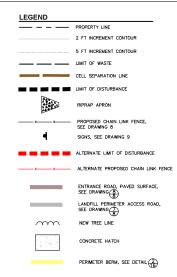


NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERACE RUBBLE LANDFILL ANNE APHYSENT ROAD, ODENTOWN ANNE ARRINDEL COUNTY, MARYLAND

ADVANCED A POServices 1878 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 T: 856.364.2273 F: 856.384.8236 www.advancedgeoerrices.com

STORMWATER
CULVERT PROFILES
(SHEET 2 OF 2)
LUMBER TO STORM TO STOR





ADVANCED ADVANCED Services

STONE OUTLET SEDIMENT TRAP-ST-II

1878 MARLTON PIKE EAST, SUITE 10, CHERRY HLL, NJ 08003 : 856.354.2273 F: 856.354.8236 www.adwancedgeoervices.com

TRAP

PLAN

SEDIMENT

8.5 AC. 15,300 CF 120.0

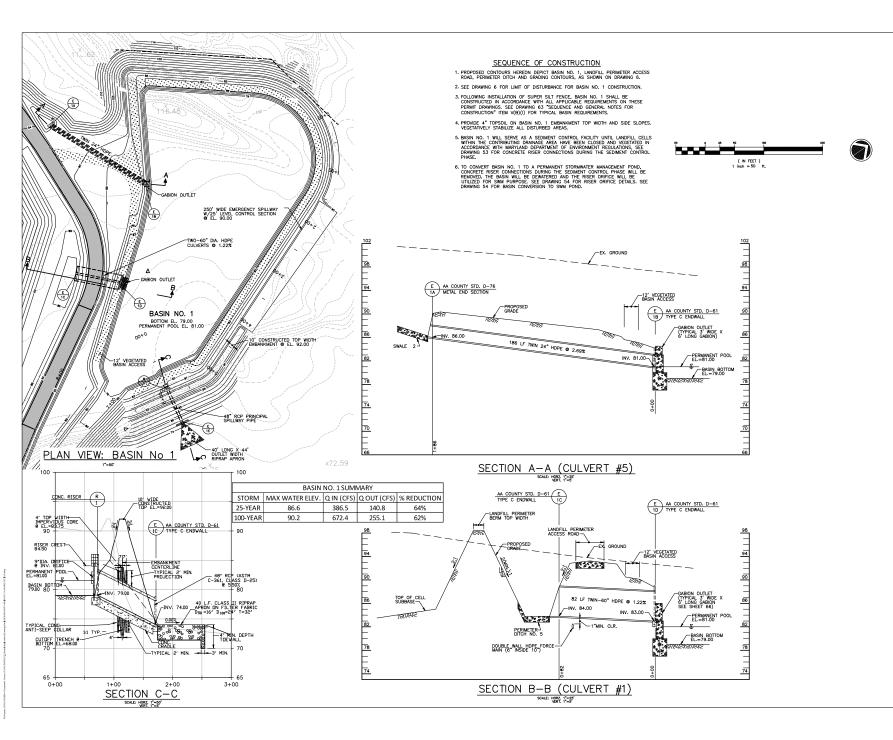
REQUIRED "WET" STORAGE AREA REQUIRED "DRY" STORAGE AREA 15,300 CF BOTTOM ELEVATION EXISTING GROUND @ C/L EMBANKMENT 124.0 LIMIT OF WET STORAGE 123.5 WET STORAGE VOLUME PROVIDED 23,500 CF WEIR LENGTH 40 FT WEIR CREST ELEVATION 127.0 DRY STORAGE VOLUME PROVIDED 31,080 CF CLEANOUT ELEVATION 122.0 TOP EMBANKMENT ELEVATION 128.0 ALL SIDE SLOPES ARE 2:1 SEE PLAN FOR BOTTOM DIMENSIONS.

SEDIMENT TRAP NO. 2

DRAINAGE AREA

PLAN DEPICTION NOTES

- 1.) THE SEDIMENT TRAP AT CONRAIL R.O.W. IS DESIGNED TO ACCOMMODATE AN 8.5-ACRE DRAINAGE AREA FOR OPTIONAL SOUTH ENTRANCE CONSTRUCTION (SEE SHEET 54). DRAINAGE AREA TO TRAP IF SOUTH ENTRANCE IS NOT CONSTRUCTED IS 3.8 ACRES.
- 2.) THE SEDIMENT TRAP SHALL REMAIN IN-PLACE AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF LANDFILL CONSTRUCTION AND OPERATION.





DATE: REVISION: 9/03/2021 REVISION: 0.0 PH/GE 3.

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPTAKE TERRAGE RUBBLE LANDFILL ANNE ARUNDEL COUNTY, MARYLAND

ADVANCED

a Morriose Environmental Group company

a the Market Day of Reference of Company

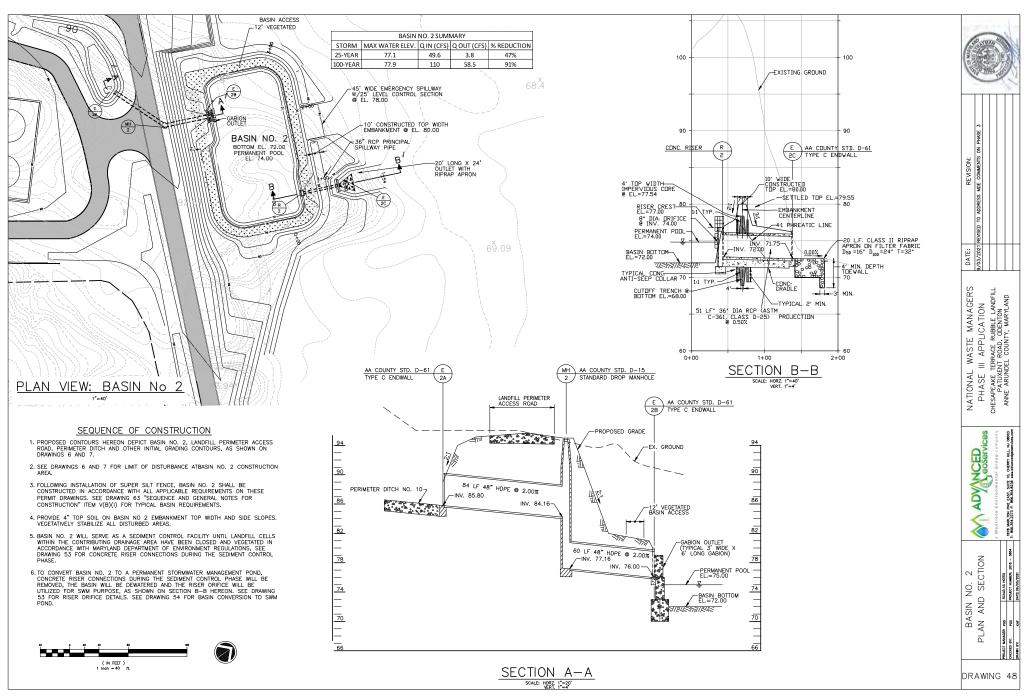
a the Market Day of Company

a th

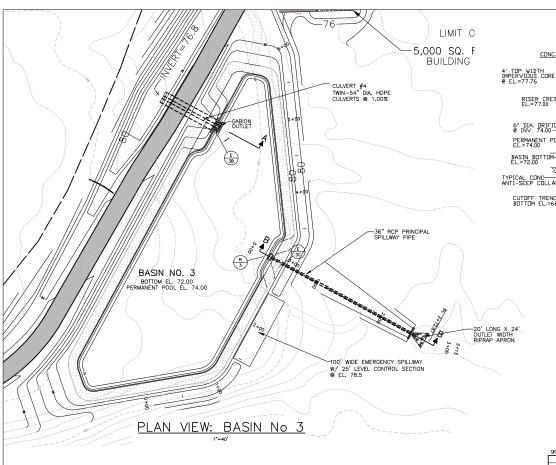
BASIN NO. 1
PLAN AND SECTION

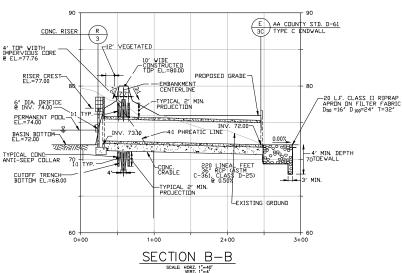
WANDER FOR SCHOOL SHORTER

THE PASS STATE OF THE STAT



specificam prima (271) 864 - May NO 2 GAN AND 907 (204)

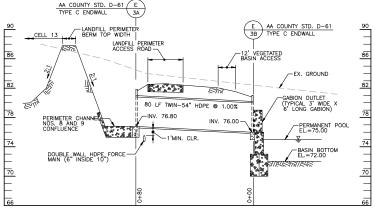




BASIN NO. 3 SUMMARY				
STORM	MAX WATER ELEV.	Q IN (CFS)	Q OUT (CFS)	% REDUCTION
25-YEAR	77.9	195.4	54.2	72%
100-YEAR	79.1	315.0	193.5	39%

SEQUENCE OF CONSTRUCTION

- 1. PROPOSED CONTOURS HEREON DEPICT BASIN NO. 3, LANDFILL PERIMETER ACCESS ROAD, PERIMETER DITCH AND OTHER INITIAL
- 2. SEE DRAWING 6 FOR "LIMIT OF DISTURBANCE REQUIRED FOR BASIN NO. 3 CONSTRUCTION"
- 3. FOLLOWING INSTALLATION OF SUPER SILT FENCE, BASIN NO. 3 SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS ON THESE PERMIT DRAWINGS, SEE DRAWING 63 "SEQUENCE AND GENERAL NOTES FOR CONSTRUCTION" ITEM V(B)(I) FOR TYPICAL BASIN REQUIREMENTS.
- 4. PROVIDE 4" TOP SOIL ON BASIN NO 3 EMBANKMENT TOP WIDTH AND SIDE SLOPES. VEGETATIVELY STABILIZE ALL DISTURBED AREAS.
- 5. BASIN NO. 3 WILL SERVE AS A SEDIMENT CONTROL FACILITY UNTIL LANDFILL CELLS WITHIN THE CONTRIBUTING DRAINAGE AREA HAVE BEEN CLOSED AND VEGETATED IN ACCORDANCE WITH MARYLAND DEPARTMENT OF ENVIRONMENT REGULATIONS, SEE DRAWING 53 FOR CONCRETE RISER CONNECTIONS DURING THE SEDIMENT CONTROL PHASE.
- 6.TO CONVERT BASIN NO. 3 TO A PERMANENT STORMWAITER MANAGEMENT POND, CONCRETE RISER CONNECTIONS DURING THE SEDMENT CONTROL PHASE WILL BE REMOVED, THE BASIN WILL BE DEWATERED AND THE RISER ORIFICE WILL BE UTILIZED FOR SWM PURPOSE, AS SHOWN ON SECTION B-B HEREON. SEE DRAWING 53 FOR RISER ORIFICE DETAILS. SEE DRAWING 54 FOR BASIN CONVERSION TO SWM POND.



SECTION A-A (CULVERT #4)



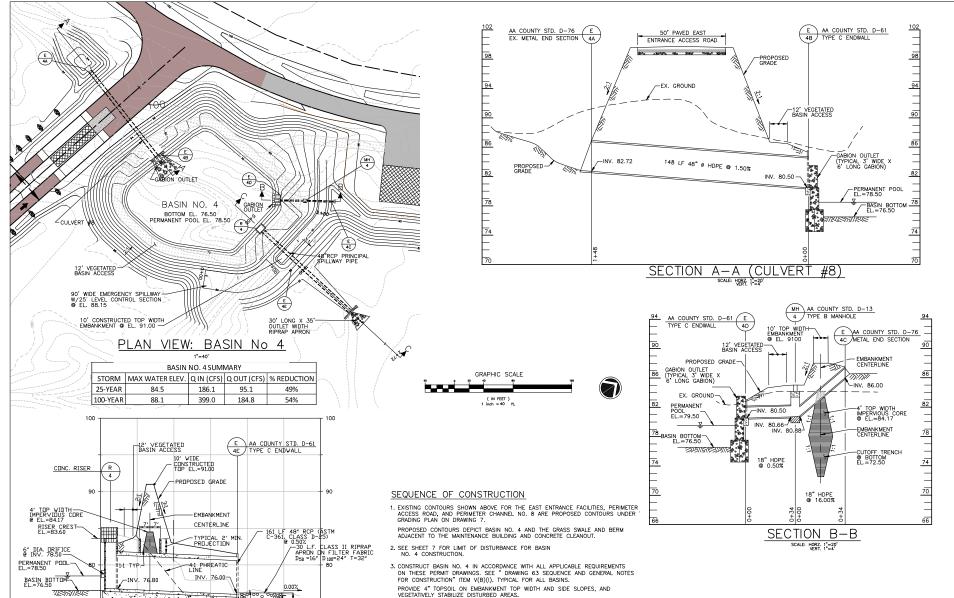
ON PHASE REVISION: DE COMMENTS (

> NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND

> > ADWNCED APPLICATION AND APPLICATION APPLICATION AND APPLICATIO 1878 WARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 T: 856.354.2273 F: 856.384.8236 www.advancedgroservices.com

8 8 1

BASIN NO. 3 PLAN AND SECTION



INSTALL THE SCALE HOUSE AND TRUCK SCALES, MAINTENANCE BUILDING AND OFFICE, CONCRETE CLEANOUT AND WHEEL WASH. CONSTRUCT ACCESS ROAD FINISHED SURFACES.

-4' MIN DEPTH

2+00 LEX. GR□UND

SECTION C-C

SCALE: HORZ, 1"=40" VERT, 1"=4"

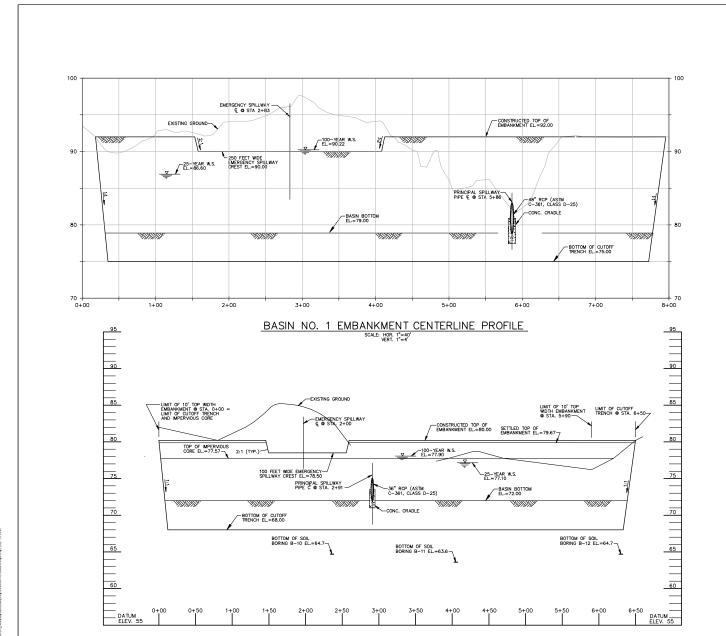
TYPICAL CONC. ANTI-SEEP COLLAR CUTOFF TRENCH @ BOTTOM EL.=72.50

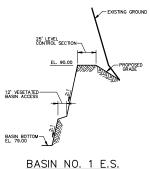
0+00

WASTE MANAGERS II APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND ≡ NATIONAL PHASE III

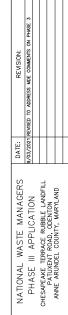
ADVANCED Services 1878 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 1 856.354.2273 F: 856.354.8236 www.advancedgeoservices.com

BASIN NO. 4 AN AND SECTION PLAN





BASIN NO. 1 E.S. <u>CENTERLINE SECTION</u> SCALE: HOR. 1"=40' VERT. 1"=4'



25' LEVEL CONTROL SECTION-EL. 78.50 12' VEGETATED BASIN ACCESS

BASIN NO. 3 E.S. <u>CENTERLINE SECTION</u> SCALE: HOR. 1"=40" VERT. 1"=4"

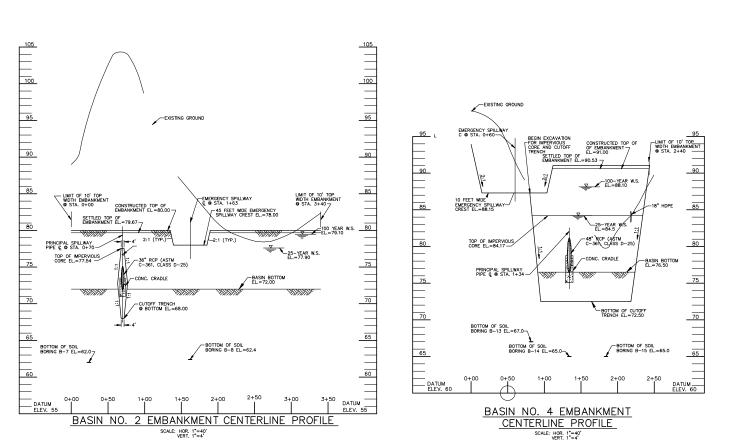
ADVANCED A POSEIVICES 1678 MARLTON PIKE EAST, SUITE 10, CHERRY HEL, NJ 08003 T: 856.354.2273 F: 856.354.8236 www.advancedgeogrifices.com 3)

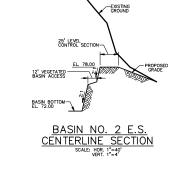
STORMWATER BASIN DETAILS (SHEET 1 OF

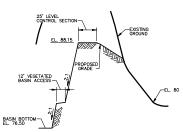
8 8 7

DRAWING 51

BASIN NO. 3 EMBANKMENT CENTERLINE PROFILE SCALE: HOR. 1"=40" VERT. 1"=4"







BASIN NO. 4 E.S. CENTERLINE SECTION SCALE: HOR. 1"-40" VERT. 1"-4"



	PHASE		
	중		
REVISION:	9/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE		
æ	MDE		
	ADDRESS		
	2		
	REVISED		
:DATE:	9/03/2021		

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL ANNE ATUVENT ROAD, COENTOW ANNE ARUNDEL ROAD, THE ARUNDEL COUNTY, MARYLAND

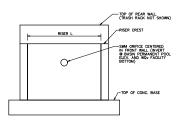
ADMINICED

MONITORE ENVIRONMENTAL Group Company
1 WARRINGTO EST, SET TO CORT HALL WOOD
1 804-2277 In 864-2277 IN

STORMWATER BASIN DETAILS (SHEET 2 OF 3)

TYPICAL CONCRETE RISER PLAN

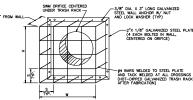
ORIFICE	TABLE (OF DIMEN	ISIONS
FACILITY	L	ORIFICE DIA.	ORIFICE INV. ELEV.
BASIN NO. 1	6'-6"	9"	81.00
BASIN NO. 2	6'-6"	8"	74.00
BASIN NO. 3	6'-6"	6*	74.00
BASIN NO. 4	10"-0"	6"	78.50
WQv FACILITY	4'-0"	3"	88.00



SWM ORIFICE PLAN

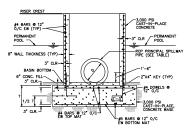
ORIFICE TRASH RACK TABLE OF DIMENSIONS				
BASIN NO.	ORIFICE DIA.	w	н	S(1)
1	9.	2'-0"	2'-0"	6"
2	8"	1"-0"	1'-3"	2 1/2"
3	6*	1"-0"	1'-3"	2 1/2"
4	6*	1"-6"	1"-6"	4 1/2"
WQv	3"	1"-0"	1'-3"	2 1/2*

(1) #4 BARS CENTER TO CENTER DIMENSION

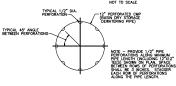


SWM ORIFICE TRASH RACK DETAIL

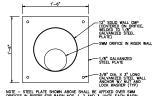
RISER TABLE OF DIMENSIONS					
DESCRIPTION	BASIN NO. 1	BASIN NO. 2	BASIN NO. 3	BASIN NO. 4	WQv FACILITY
FACLITY BOTTOM ELEV. PERMANENT POOL ELEV. RISER OREST ELEV. RISER IL TOP OF FRAN WALL ELEV. ROP PIPE "D" ROP PIPE INVERT ELEV. RISER/ROP ANGLE TOP OF BASE ELEVATION BASE DIM B BASE THICKNESS	79.00 81.00 84.50 6 -6" 3"-0" 86.00 48" 79.00 10106'08" 78.50 9'-10" 6'-4" 1"-3"	72.00 74.00 77.00 6'-6'' 3'-0'' 78.50 36''' 72.00 23720'15'' 71.50 9'-10'' 6'-4'' 1'-0''	72.00 74.00 77.00 6'-6' 3'-0' 78.50 36" 73.10 63'43'20" 71.50 9'-10" 6'-4" 1'-0'	76.50 78.50 83.60 10'-0" 7'-0" 85.10 48" 76.80 7757'18" 76.30 13'-4" 10'-4" 1'-6"	86.00 88.00 89.50 4'-0" 91.00 18" 86.00 60'40'45" 86.50 7'-4" 1'-0"



RISER SECTION A-A



DEWATERING PIPE PERFORATION DETAIL



NOTE - STEEL PLATE SHOWN ABOVE SHALL BE AFFINED OVER SWM
ORFICES IN RISERS FOR BASIN NOS. 1, 2 AND 3, UNTIL EACH BASIN
IS CONVERTED INTO A STORWARTER MANAGEMENT POND, SEE "RISER
CONNECTIONS PLAN" AND "RISER CONNECTION SECTION A-A" AT
RIGHT.

CEAR

TABLE OF DIMENSIONS
 BASIN NO.
 D
 t
 H1
 H2
 W1
 W2

 1
 48°
 5°
 1'-3°
 2'-5°
 6'-10°
 4°

 2
 36°
 4°
 1'-0°
 1'-10°
 5'-6°
 3'

 3
 36°
 4°
 1'-0°
 1'-10°
 5'-6°
 3'

48" 5" 1'-3" 2'-5" 6'-10" 4"

AA COUNTY STD. S-21 MANHOLE STEP CENTERED UNDER TASH RACK

#4 DOWELS @ 12*0.C.

CONCRETE CRADLE DETAIL

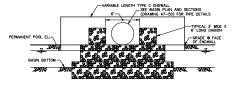
2-0" MIN. PROJECTION 7 -3" MIN. CLEAR (TYP.) -2'-0" MIN. PROJECTION CONC. CRADLE SECTION A-A FRONT VIEW

NOTES

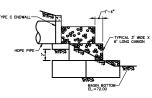
 ENTIRE TRASH RACK ASSEMBLY SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION TRASH RACK SHALL EXTEND 8" HORIZONTALLY
FROM FRONT WALL AND BOTH SDE WALLS AND
DOWNWARD TO 8" BELOW THE RISER CREST
ELEVATION. TOP OF TRASH RACK SHALL BE
FLAT, AND LEVEL W/ TOP OF REAR WALL.

TYPICAL RISER CREST TRASH RACK DETAIL

SWM ORIFICE PLATE DETAIL



SECTION THROUGH GABION OUTLET LOOKING AT ENDWALL



RISER CREST TRASH RACK

RCP PRINCIPAL SPILLWAY PIPE (ASTM C-381, CLASS D-25) (SEE TABLE ABOVE)

-CONCRETE CRADLE (SEE DETAIL ON SHEET BELOW)

FIRST JOINT 2 FROM RISER

3,000 PSI CAST-IN PLACE

RISER SECTION B-B

NOTES

1. RISER CREST TRASH RACK AND RCP PRINCIPA
SPILLWAY PIPE CONCRETE CRADLE ARE NOT
SHOWN ON SECTION A-A- SEE SECTION B-B
AND TRASH RACK DETAIL AT RIGHT, SEE SHE
BELOW FOR CONCRETE CRADLE DETAIL.

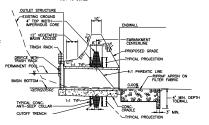
2. RISERS MUST BE CAST-IN-PLACE.

D W H 48" 10'-10" MIN. 10'-1" MIN. 36" 9'-6" MIN. 8'-8" MIN. 36" 9'-6" MIN. 8'-8" MIN. 48" 10'-10" MIN. 10'-1" MIN.

| SECTION THROUGH | HDPE | PIPE | AT GABION OUTLET | NOT TO SCALE

NOTE - SECTION ABOVE SHOWNS GABION OUTLETS FOR BASIN INFLOW PIPES, AS SHOWN ON SHEETS 47, 48, 49 AND 50.

ANTI-SEEP COLLAR



BEND BARS ON HATCH TO PROVIDE HINGE MOTION

#6 BARS @ 8" O/C EW (WELD BARS TO STEEL PLATE AND TACK WELD AT ALL BAR CROSSINGS)

TYPICAL BASIN EMBANKMENT DETAIL

NOTE - SEE ADDITIONAL DETAILS ON SHEETS 47 THROUGH 50 FOR OUTLET STRUCTURE, ANTH-SEEP COLLARS, CONCRETE CRADLE, RIPRAP APRON, TRASH RACK, AND ENDWALD DETAILS

REVISION:	/03/2021 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3		
	100		
	REVIS		
DATE:	/03/2021		

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL PATUKENT ROAD, ODENTON ANNE ARUNGEL COUNTY, MARYLAND

ADVANCED A POServices 1878 WARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 T: 856.354.2273 F: 856.354.8236 www.advancedgeoservices.com 3) BASIN 3 OF

STORMWATER E DETAILS (SHEET :

8 8 7

SEDIMENT BASIN/SWM POND CONVERSION NOTES

 BASIN NOS. 1, 2, AND 3 WILL FUNCTION AS SEDIMENT BASINS DURING THE LIFE OF LANDFILL CELL CONSTRUCTION AND CELL CLOSURE. SEE ITEM V. "ESTIMATED CELL CONSTRUCTION AND WASTE PLACEMENT SCHEDULE ON DRAWING 63).

BASIN NO. 4 WILL FUNCTION SOLELY AS A STORM WATER MANAGEMENT POND.

AS PART OF INITIAL BASIN CONSTRUCTION, INSTALL BASIN RISERS AS SHOWN ON "TYPICAL CONCRETE RISER PLAN". TO PROVIDE CAPABILITY TO DEWLER PERMANENT POOLS, INSTALL 8" PERFORATED AND SOLID WALL PVC PIPE WITH 8" PVC KNIFE GATE VALVE AND APPURETNANCES (AS SHOWN ON "RISER CONNECTIONS PLAN" AND "RISER CONNECTIONS SECTION A—"A" RIGHT) IN ALL FOUR BASINS. TO BASINS, INSTALL 12" PERFORATED AND SCHOOL WALL CAPE (AS SHOWN ON "RISER CONNECTIONS PLAN" AND "RISER CONNECTIONS PLAN".

2. WHEN THE RUBBLE WASTE PLACEMENT OFERATION HAS CEASED, AND THE CONTRIBUTING DRAINAGE AREA TO A SEDIMENT BASIN (I.E. EITHER BASIN NO. 1, NO. 2 OR NO. 3) HAVE BEEN PROVIDED WITH PERMANENT VECETATIVE STABILIZATION IN ACCORDANCE WITH MARYLAND DEPARTMENT OF THE ENWIRONMENT REQUILATIONS, THE APPLICABLE BASIN SHALL BE CONVERTED BY NO. A STORWAYD.

EDIMENT BASIN/SWM POND CONVERSION FOR BASIN NO. 1, NO. 2 OR NO. 3 SMALL BE ACHEVED BY CONVERTING THE BASIN MET POOL VOLUME AN THE 8" PV OPE CONNECTED TO THE PICK WHEE CATE MAINT HOUSED IN THE CONCRETE PASTS. FOOL OWING WET POOL DRAW-DOWN. 12" FEFFORATED AND SOULD WALL CAP PIPES (INCLUDING THE UNDERSTRING EARTH BERM AND 17"S. STEEL PLATE ATTACHED TO THE CONCRETE RISER WALL). SHALL BE REMOVED. TRASH RACKS SHALL BE INSTALLED OVER RISER SWM ORIFICES AS SHOWN HEREON, AND DISTURBED BREAS SHALL BE STRAILED WITH SOO.

FOLLOWING COMPLETION OF ALL REQUIRED CONSTRUCTION, THE PVC KNIFE GATE VALVE SHALL BE CLOSED AND THE SWM POND WILL BE FILLED WITH WATER TO THE PERMANENT POOL ELEVATION.

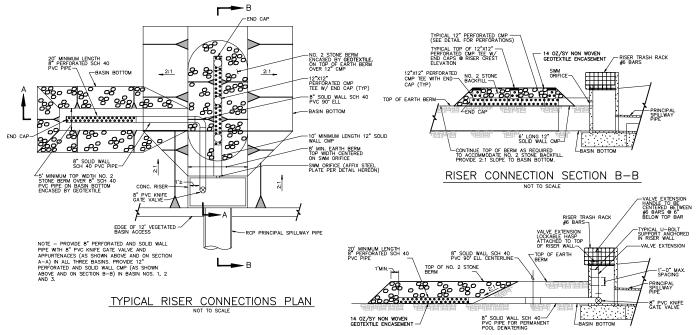
CONSULTANT'S HAZARD CLASS CERTIFICATION

I CERTIFY THAT THIS FOUND WESTS ALL REQUIREMENTS FOR HAZARD CLASS A RECOMMENDING, AS STATED IN HIS UDON ANTIANAL RESOURCES CORSESTANTON SERVICE—HARM AND CONSERVATION PRACTICES, STANDARD FOR POINT, CORE 378, JANUARY 2000. ALL RECESSARY NAVESTIGATIONS AND COMPUTATIONS HAVE BEEN SUPPLIED TO ACRES THIS FINDING. A COPY OF SAID INFORMATION HAS BEEN SUPPLIED TO ACRES THE STANDARD FOR THE STANDARD FOR

SIGNATURE	
NAME (PRINTED)	DATE

BASIN NOS. 1, 2 AND 3 SEDIMENT CONTROL PHASE ELEVATIONS				
BASIN NO.	WET STORAGE ELEVATION	DRY STORAGE ELEVATION	CLEANOUT ELEVATION	RISER CREST ELEVATION ⁽¹⁾
1	79.00	84.10	80.20	84.50
2	74.00	76.70	73.10	77.00
3	74.00	76.00	73.10	77.00

(1) RISER CREST ELEVATION IS EQUIVALENT TO TOP OF 12"X12" PERFORATED CMP TEES WITH END CAPS, AS SHOWN BELOW.



RISER CONNECTION SECTION A-A

AS-BUILT CERTIFICATION FOR AASCD SMALL POND NUMBER 999

I CERTIFY THAT THIS AS-BUILT IS ACCURATE AND COMPLETE AND THE POND AS CONSTRUCTED MEETS THE REQUIREMENTS OF THE USDA, NATURAL RESOURCES CONSERVATION DISTRICT SERVICE MARYLAND STANDARDS AND SEPECIFICATIONS FOR PONDS (UO-378), ANY POND DESION COMPONENTS NOT IDENTIFIED WITH AS-BUILT NOTATIONS WERE CONSTRUCTED AS PER THE APPROVED POND DESION.

SIGNATURE	DATE	
NAME (PRINTED)	DATE	
ADDRESS		
MD LICENSE #		
PHONE #		

AS-BUILT CERTIFICATION FOR AASCD SMALL POND NUMBER 1000

I CERTIFY THAT THIS AS-BUILT IS ACCURATE AND COMPLETE AND THE POND AS CONSTRUCTED MEETS THE REQUIREMENTS OF THE USDA, NATURAL RESOURCES CONSERVATION SERVICE MARYLAND STANDARDS AND SPECIFICATIONS FOR PONDS (NOD-370), ANY POND DESTINANCE OF THE ASPROVED POND DESIGN.

DATE	
	DATE

AS-BUILT CERTIFICATION FOR ASCD SMALL POND NUMBER 1001

I CERTIFY THAT THIS AS—BUILT IS ACCURATE AND COMPLETE AND THE POND AS CONSTRUCTED MEETS THE REQUIREMENTS OF THE USDA, WATURAL RESOURCES CONSERVATION SERVICE MARYLAND STANDARDS AND SPECIFICATIONS FOR PONDS (MD—378), ANY POND DESIGN COMPONENTS NOT IDENTIFIED WITH AS—BUILT NOTATIONS WERE CONSTRUCTED AS PER THE

PPROVED POND DESIGN.		SEAL
IGNATURE		
AME (PRINTED) DDRESS	DATE	
D LICENSE #		

POND DESIGN CERTIFICATION FOR AASCD SMALL POND NUMBERS 999, 1000, 1001 AND 1002

I CERTIFY THAT THIS DESIGN PLAN FOR THE CONSTRUCTION OF THE EMBANKMENT AND/OR EXCAVATED POND(S) REPRESENTS A HAZARD CLASS "A" POND(S) AND WAS DESIGNED IN ACCORDANCE WITH THE RECOURDANTS OF THE USEN, ANDITAL RESOURCES CONSERVATION SERVICE — MARYLAND STANDARDS AND SPECIFICATIONS FOR PONDS, (MD—378). I HAVE RECWIED THIS PLAN WITH THE OWNER/DEVELOPER.

IGNATURE	
IAME (PRINTED)	
MD LICENSE #	
DDRESS	
PHONE #	1

THE STATE OF THE S

COMMENTS ON PHASE 3

ATE: REVISION:
3/2021 REVISED TO ADDRESS MDE COMMENTS OF

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPLAKE TERRACE RUBBLE LANDFILL ANNE ARINDEL COUNT, MARYLAND ANNE ARINDEL COUNT, MARYLAND

ADVANCED
MONITOR E INVICONMENTAL GENERAL WAS ASSULTED FOR EAST, TABLE ASSULTED.

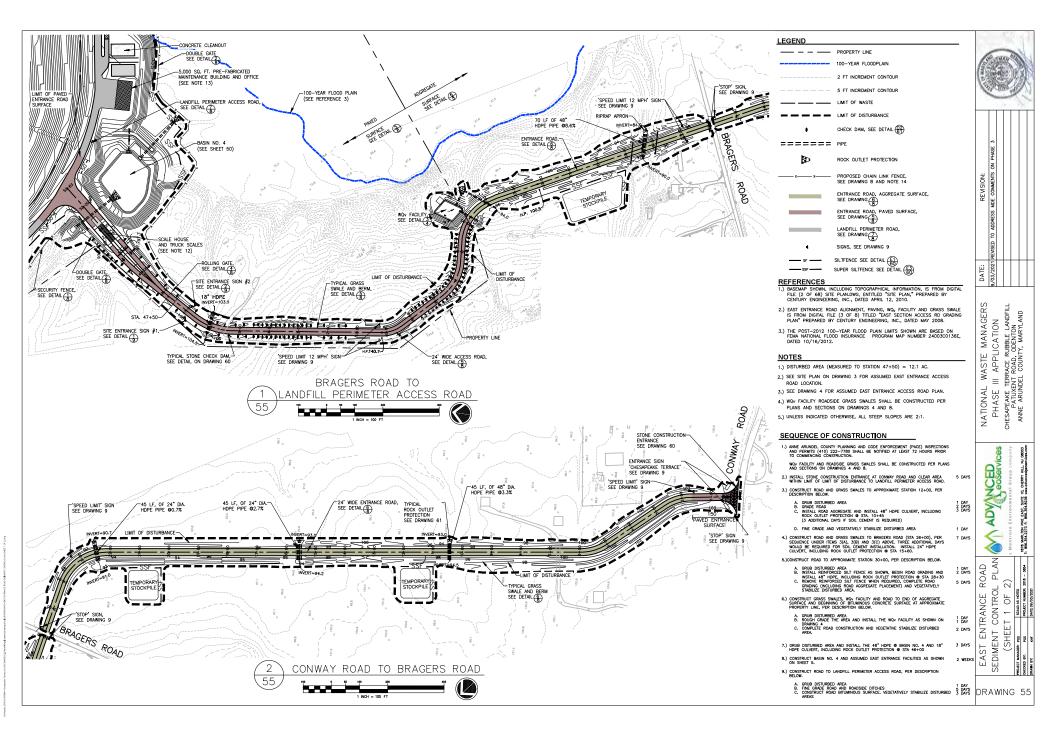
TO ASSULTED FOR EAST, TO SERVE WAS ASSULTED.

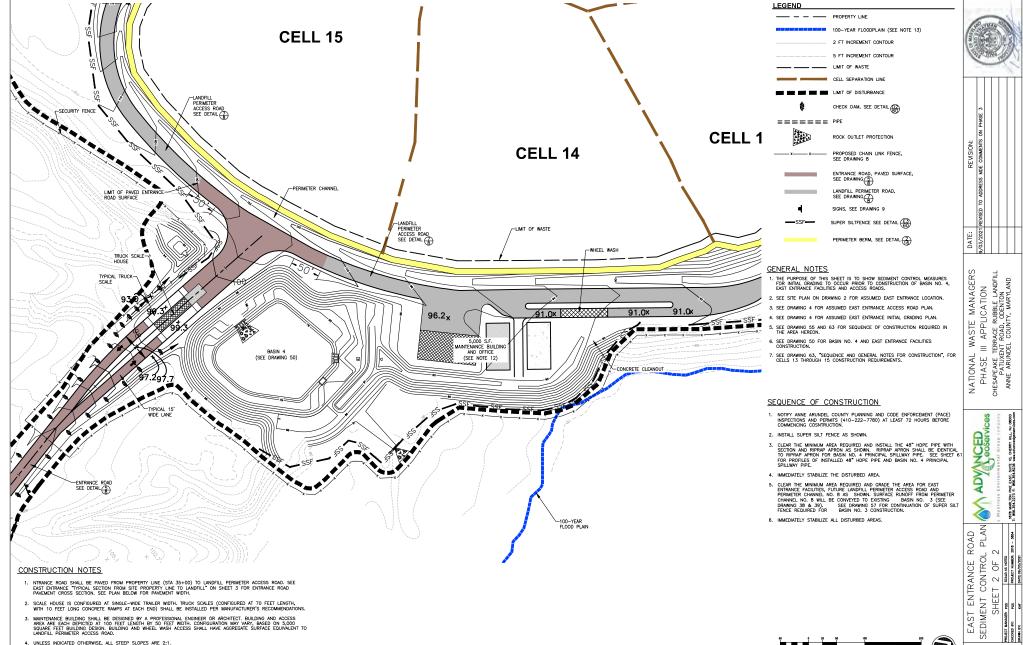
TO ASSULTED FOR EAST, TO SERVE WAS ASSULTED.

TO ASSULTED FOR EAST, ASSULTED.

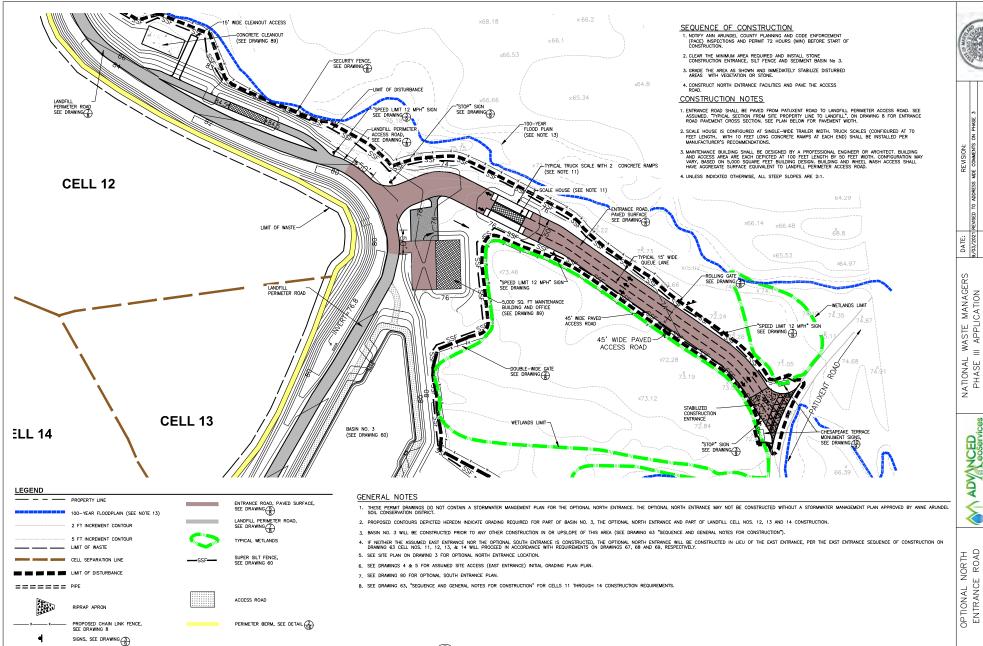
TO ASSULT THE PROPERTY OF TH

BASIN / SWM
CONVERSION DETAILS
FORMURE FOR SOLUTION STREET
FORMURE FOR STREET





4. UNLESS INDICATED OTHERWISE, ALL STEEP SLOPES ARE 2:1.



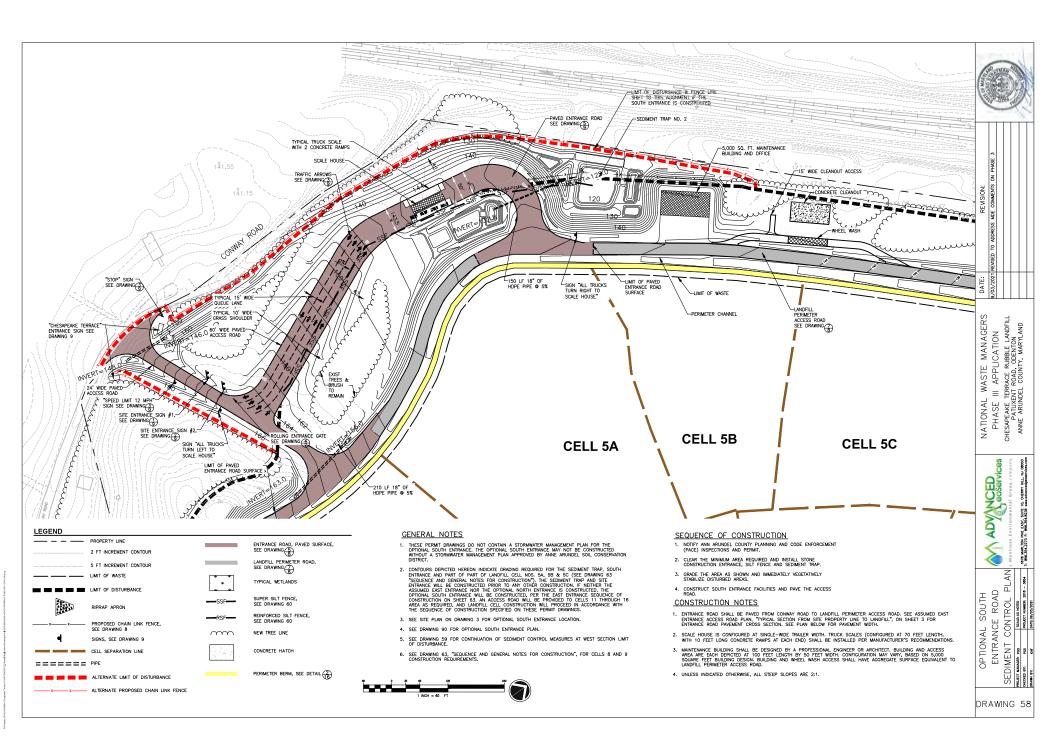
REVISION: DE COMMENTS (

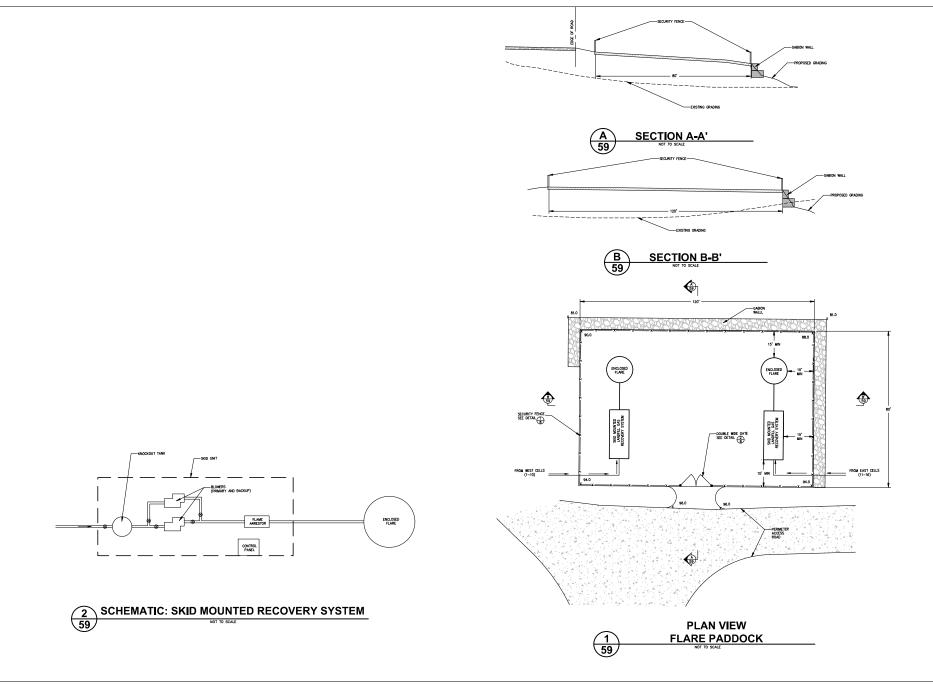
CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND ≡ PHASE

ADVANCED ADVANCED

1878 MARLTON PIKE EAST, SUTE 10, CHERRY HILL, NJ 08003 1 856.354.2273 F: 856.354.8236 www.advancedgeoservices.com PLAN INCE KU
CONTROL F
TSOALEAS HOTED
TSO

SEDIMENT CONTRA SELENT CONTRA



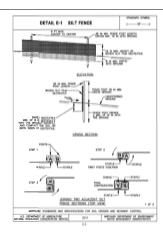


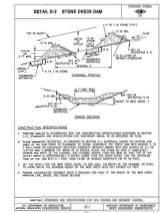


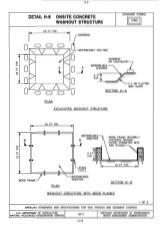
NATIONAL WASTE MANAGERS
PHASE III APPLICATION
CHESAPEAKE TERACE RUBBLE LANDFILL
ANNE ARUNDEL COUNT, MARYLAND
ANNE ARUNDEL COUNT, MARYLAND

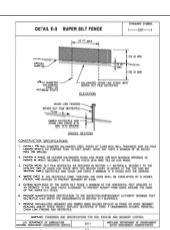
ADVANCED A POServices 1878 MARLTON PIKE EAST, SUITE 10, CHERRY HEL, NJ 08003 T: 856.364.2273 F: 896.364.8236 www.cdnarcedgeoerricks.com

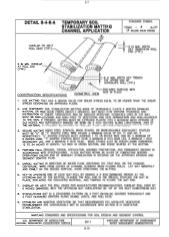
FLARE PADDOCK

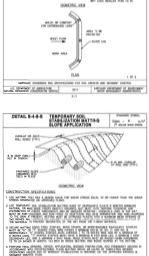












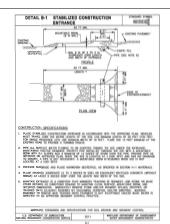
DETAIL E-6 FILTER LOG

1.00.00

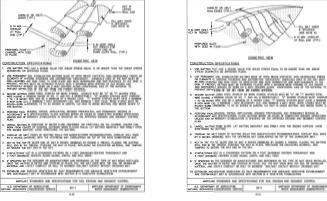
STANGESTOWN STREET

ANEA, TO B













Ces	pany	00003
	Group compar	HILL, NU dyeoserv
C) S	Grou	CHERRY
Z	ental	10
	muo	ST, SUI
A	Envi	386
(dontrose Environmenta	1878 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NA 08003 856.384.2273 F. 856.384.8236 www.odvancedgeoservices.com
	Mon a	1878 v

CONTROL SEDIMENT CON-DETAILS (SHEET

DETAILS PROVIDED BY MDE MANUAL (2011) AND ANNE ARUNDEL SOIL CONSERVATION DISTRICT (2015)

CON BUSINESS TO FOR THI, 3 FOOT ROE 7 NICH STONE OR

STALL DITIMUS AND SHY SECTIONS AS SHOWN BY THE PROPER.

S. MISTALA GARRONS IN ACCORDANCE MISH MARKIFACTURER RECOMMENDATIONS

SLEED CARROLL PUTS CONTINUE SPECIAL

NAMES AND DESIGNATION OF THE PROPERTY OF THE P

NOTICE OF STREET OF STANSOON OF STANSOON OF STREET OF STANSOON OF STANSOON OF STREET OF STANSOON OF STAN

	MERCHANIA MINOR MORROWALA.		
	MATERIA STANDARDS AND DE	WOULDANDSHIP FOR BOIL	HIGHER MIN MINMENT CONTROL
IMENT ION	NATURE SECTION OF A PROPERTY.	2011	WHITE HE GENERAL OF EMPRONMENT
		0.21	

ENTER AND TAXABLE AT LEAST & HOUSE BEYOND COMES OF REPORT AND SMILE AT LEAST 4 NORES

W SO THAT THE WOTH

CHRISTIC LAND WITH THE COLUMN THE LEBOTH AND WHITE ORDINATIONS. PLACE STOKE SC

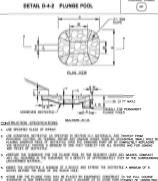
DETAIL D-4-1-B ROCK OUTLET PROTECTION II

FLAH MEW

BROOKE INSTRUCTION DECIFICATIONS DIAMEL MUTON

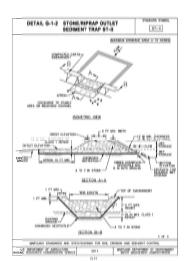
RIPRAP
((A) THICKNESS (1)
19 IN
32 IN
46 IN

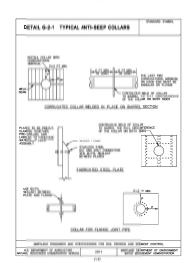
SECTION A: A

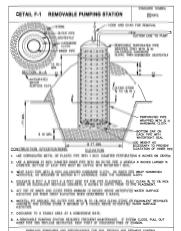


WHITE AND THE STATE OF THE STAT

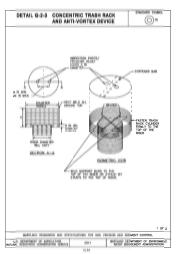
SELECTION A. HE											
MARTILAND	OTAMOARCO	MO ME	OFFICATIONS	fon	606.	(Rotton	AHD	969	MENT	CONTROL	١
NATURAL ARTHUR	ST. ARTINAL	Umor		111		mil	W	di	ARTMEN	T OF ENMRON	Š

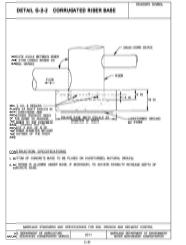






HITTER HE ARTHENT OF ENAFONMENT





NOTES

DETAILS PROVIDED BY MDF MANUAL (2011).

REVISION: DE COMMENTS (

NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL PATUXENT ROAD, ODENTON ANNE ARUNDEL COUNTY, MARYLAND

> ADWINCED ADVINCED 1678 MARLTON PINE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr. 856.364.2273 F: 856.364.8256 www.odwnnedgeoservices.com š

SEDIMENT CONTROL
DETAILS
(SHEET 2 OF 2)
CHEET 2 OF 2)
CHEET 2 OF 2)
CHEET 2 OF 2)
CHEET 2 OF 2

DETAILS AND SPECIFICATIONS FOR VEGETATIVE ESTABLISHMENT

1. STABILIZE AS PER STANDARD RESPONSIBILITY NOTE NO. 3.

TEMPORARY PERIMETER DIKES AND SILT TRAPS, ETC., ARE TO BE PROVIDED AS PER THIS PLAN PRIOR TO GRADING OPERATIONS WITH LOCATION ADJUSTMENTS TO BE MADE IN THE FIELD AS NECESSARY AND TO BE MANTAINED AT THE END OF THE WORKING DAY. THE MINNAUM AREA PRACTICAL SHALL BE DISTURBED FOR THE WINNIUM ANOUNT OF TIME POSSIBLE.

3. Permanent Seeding:

- THIS PROPERTY AND THE STEED SHALL BE LOCK AND FRAME TO A STEED SHALL BE LOCK AND FRAME TO A STEED SHALL BE LOCKED BY A STEED SHARE AND THE TO A VARIE SHOW STEED STEED GOURS. THE FOR A VARIE AND THE STEED STEED GOURS. THE STEED SHARE AND THE STEED STEED SHARE AND THE STEED SHARE AND THE
- B. SEEDING: OCTOBER:

Kentucky 31 Tall Fescue Red Top German Millet

USE GERMAN MILLET BETWEEN 1 JUNE AND 15 AUGUST.

APPLY SEED UNFORMLY ON A MOST, FIRM SEEDED WITH A CYCLONE SEED DRILL, OUR TRACKER SEEDER OR HYDROSEEDER (SLIWEY) NOLUBOS SEEDS AND FERTILIZED COLUBOR OF THE SEED OF THE SEED

SPREAD MULCH MECHANICALLY, MULCH ANCHORING SHALL BE ACCOMPUSHED IMMEDIATELY AFTER MULCH PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER USING SYNTHETIC LUQUID MULCH BINDERS.

D. QUARANTEED PERMANENT VECETATIVE STABILIZATION OF ALL AREAS AFFECTED BY THE EXCUSTION OF THIS CONTRACT IS REQUIRED. AREAS NOT STABILIZED WITH A VABLE STAND OF PERMANENT VECETATIVE COVER MUST BE OVERSEEDED, LIMED, AND FERRUZED AND, F INCESSARY, STAM MULCHED AND TACKED BY NO LATER THAN THE FOLLORING ROYMNG SEASON FOLLORING WITH A STABILIZATION EFFORTS.

4. Temporary Seeding:

100 POUNDS OF DOLOMITIC LIMESTONE PER 1,000 SQUARE FEET

FERTILIZER: 15 POUNDS OF 10-10-10 PER 1,000 SQUARE FEET

PERENNIAL RYE, ITALIAN RYE - 0.92 POUNDS PER 1,000 SQUARE FEET (1 FEBRUARY THROUGH 30 APRIL OR 15 AUGUST THROUGH 1 NOVEMBER)

SAME AS 3C ABOVE (2 NOVEMBER THROUGH 31 JANUARY)

NO VEGETATIVE SUPPORT FILL MATERIAL MAY BE PLACED ON FROZEN GROUND. ALL FILL TOES PLACED IN APPROXIMATELY HORZONIAL LAYERS, EACH LAYER HAWAR A LOCS TROBE OF A LOCAL TOES THE PLACE OF THE

6. Permanent Sod: (I.E. SOIL EXCAVATION)

PRIMARY TOO S TO BE EXPLICITLY ST. TAIL, TESSOE, STATE, PREPARED DOE, LISE AND TO FETTILIZE PER PREPARE TESSOES SECRETATION AND LISEN THE REMARK TESSOES SECRETARIES AND LISEN THE REMARK TESSOES SECRETARIES AND THE REMARKS TO THE REMARKS THE REMARKS TO THE REMARKS THE RE

7. Mining Operations:

SEDIMENT CONTROL PLANS FOR MINING OPERATIONS MUST INCLUDE THE FOLLOWING SEEDING DATES AND MIXTURES: FOR SEEDING DATES OF:

FEBURARY 1 THROUGH APRIL 30 AND AUGUST 15 THROUGH OCTOBER 31 USE SEED MIXTURE OF KENTUCKY 31 TALL FESSUE AT THE RATE OF 2 POUNDS PER 1000 SQUARE FEET AND SERICEA LESPOEZA AT THE MINIMUM RATE OF 0.9 POUND PER 1000 SQUARE FEET.

FOR SEEDING DATES OF MAY 1 THROUGH AUGUST 14 USE SEED MIXTURE OF KENTUCKY 31 TALL FESCUE AT THE RATE OF 2 POUNDS PER 1000 SQUARE FEET AND WEEPING LOVEGRASS AT THE RATE OF 0.1 POUND PER 1000 SQUARE FEET.

NOTE: USE OF THIS INFORMATION DOES NOT PRECLUDE MEETING ALL OF THE REQUIREMENTS OF THE CURRENT "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL."

SEDIMENT CONTROL GENERAL NOTES

- NO GRADING WILL TAKE PLACE UNTIL THE GRADING PERMIT HAS BEEN OBTAINED FROM THE ANNE ARUNDEL SOIL CONSERVATION DISTRICT.
- ALL DISTURBED AREAS WHERE CONCENTRATED FLOW WILL OCCUR (SWALES, DITCHES, OUTFALLS) SHALL BE STABILIZED WITHIN 24 HOURS OF COMPLETION OF GRADING. ALL OTHER AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF COMPLETION OF GRADING.
- ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR ON A DAILY BASIS.
- SEDIMENT REMOVED FROM SEDIMENT TRAPPING DEVICES SHALL BE PLACED IN AN AREA PROTECTED BY SEDIMENT CONTROL MEASURES, AND NOT SUBJECT TO CONCENTRATED FLOWS OF STORMWATER.

STANDARD STABILIZATION NOTE

FOLLOWING INITIAL DISTURBANCE OR RE-DISTURBANCE PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETE WITHIN: A.) THREE (3.0 CALENDAR DAYS TO THE SURFACE OF ALL PERMETER DICES, SMALES, DITCHES, PERMETER SLOPES, AND ALL SQUEES SIEDERT THAM 31; AND ALL SQUEES SIEDERS THAM 31; AND ALL SQUEEN 32; AND ALL SQUEES SIEDERS THAM 32; AND ALL SQUEES SIEDERS THAM 31; AND ALL SQUEES SIEDERS THAM 32; AND ALL SQUEES SIEDERS T B.) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE

STANDARD RESPONSIBILITY NOTES

- 1. A. ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THIS SEMMENT AND EROSION CONTROL, PLAN, AND FURTHER, AUTHORIZE THE RIGHT OF ENTIRY FOR PERIODIC ON-SITE EVALUATION BY THE ANNEX ARWADEL SOIL CONSERVATION DISTRICT BOARD OF SUPERVISORS OR THEIR AUTHORIZED AGENTS.
- B. ANY RESPONSBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE FROM THE MARYLAND DEPARTMENT OF THE ENVIRONMENT'S APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.
- C. IF APPLICABLE, THE APPROPRIATE ENCLOSURE WILL BE CONSTRUCTED AND MAINTAINED ON SEDIMENT BASSIN(S) INCLUDED IN THES PLAN. SUCH STRUCTURE(S) WILL BE IN COMPULANCE WITH THE ANNE ARRINGLE COUNTY CODE.
- 2. THE DIVELOPIR IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASINETTS, RIGHTS, AND/OR RIGHTS-OF-WAY THAT MAY BE REQUEST FOR THE STOMENT HAD RESCONDING, PRACTICES, STOMENTAL MANAGEMENT PRACTICES AND THE DISCHARGE OF STOMENATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPRIETS INCLUDED IN
- 3. NITIAL SOL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABULZATION SHALL BE COMPLETED WITHIN SEVEN CALEDOAR DAYS FOR THE SURFACE OF ALL PERMETER CONTROLS, BOKES, SWALES, DIOTES, PERMETER SOCKS, MAY DAY SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3.1) AND FOURTEEN DAYS FOR ALL OTHER DESTREED OF GREATER PAGES OF THE PROJECT STEL
- THE SEDIMENT CONTROL APPROVALS ON THE PLAN EXTEND ONLY TO AREAS AND PRACTICES IDENTIFIED AS PROPOSED WORK.
- THE APPROVAL OF THIS PLAN FOR SEDIMENT AND EROSION CONTROL DOES NOT RELIEVE THE DEVELOPER/CONSULTANT FROM COMPLYING WITH ANY FEDERAL/STATE/COUNTY REQUIREMENTS APPERTANNING TO ENVIRONMENTAL ISSUES.
- THE DEVELOPER MUST REQUEST THAT THE DEPARTMENT OF INSPECTIONS AND PERMITS APPROVE WORK COMPLETED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL, PLAN, THE GRADING OR BUILDING PERMIT, AND THE ORDINANCE.
- 7. ALL MATERIAL SHALL BE TAKEN TO A SITE WITH AN APPROVED SEDIMENT CONTROL PLAN.
- 8. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ADRES, APPROVAL OF THE OFFICE AND ADDRESS OF THE ADDRESS OF 2 ADRESS APPROVAL OF THE BISTALLATION OF PERMETER PROSON AND SERMENT CONTROLS BUT REFORE PROCEDURE WITH ANY OTHER ADDRESS OF CHARGE AND ADDRESS OF ADRESS OF PROCEDURE RESPECTIONS. OTHER BULLEY OF CHARGE AND ADDRESS OF ADDRESS
- APPROVAL SHALL BE REQUESTED ON FINAL STABILIZATION OF ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES BEFORE REMOVAL OF CONTROLS.

CONSULTANT'S CERTIFICATION

THE DESCRIPTION FAIN TO CONTROL BY THE DESCRIPTION ACCOUNT TO CONTROL BY THE PROPERTY CONTROL BY THE PRAIN I CONTROL BY THE PRAIN IS THE PRAIN IN THE CONTROL BY THE PRAIN IN THE PRAIN IN THE CONTROL BY THE PRAIN IN THE PRAIN INTERPRAIN IN THE PRAIN IN THE PRAIN IN THE PRAIN IN THE PRAIN

SIGNATURE OF CONSULTANT				DATE						
NAME	PAUL G	. STRATM	AN				MD P.E.	LICEN	SE #	21681
FIRM _	ADVANCED	GEO SE	RVICES	CORP.			TELEPHONE	_	601-840	9100
ADDRESS	1055	ANDREW	DRIVE,	SUITE	۸,	WEST	CHESTER PA	19380		

SIGNATURE OF DEVELOPER/OWNER NAME STEPHEN N. FLEISCHMAN TITLE VICE PRESIDENT - NATIONAL WASTE WANAGERS, INC.

ADDRESS 2900 LINDEN LANE, SUITE 300, SILVER SPRING, MD 20910

TELEPHONE (301) 495-1520

CONSTRUCTION SPECIFICATIONS

THESE SPECIFICATIONS ARE APPROPRIATE TO ALL PONDS WITHIN THE SCOPE OF THE STANDARD FOR PRACTICE MD-378. ALL REFERENCES TO ASTM AND AASHTO SPECIFICATIONS APPLY TO THE MOST RECENT VERSION.

SITE PREPARATION

AREAS DESIGNATED FOR BORROW AREAS, EMBANGMENT, AND STRUCTURAL WORKS SHALL BE CLEARED, GRUBBED AND STRIPPED OF TOPOSIL. ALL TREES, VECETATION, ROOTS AND OTHER DRECTIONABLE MATERIAL SHALL BE REMOVED. CHANNEL BANKS AND SHARP BREEKS SHALL BE SUPPED TO NO STEPER THAN 1:1. ALL TREES SHALL BE CLEARED AND GRUBBED WITHIN 15 FEET OF THE OF OF THE EMBANGMENT.

AREAS TO BE COVERED BY THE RESERVOIR WILL BE CLEARED OF ALL TREES, BRUSH, LOSS, FENCES, RUBSH AND OTHER GRECOMARKE METARIAL MARSES ON DEHIRSE DESIGNATED ON THE PLANS. TREES, BRUSH, AND STUMPS SHALL BE CUT APPROXIMATELY LUEL, WITH THE ORDINGS SURFACE, FOR DRY STORMARTER MANAGEMENT POLICS, A MANIANO OF A 25-FOOT TROUS AREAD THE NET STRUCKINGS SHALL BE CLEARED.

ALL CLARED AND GRUBBED MATERIA. SIMLL BE DISPOSED OUTSIDE AND BELOW THE LIMITS OF THE DAM AND RESERVOIR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE. WHEN SPECIFIED, A SURFICIARY OF OUTSIDE SHARED HE BESTOCKPILED IN A SULFABLE LOCATION FOR USE ON THE EMBANKMENT. AND OTHER DISPONANTED MEETS.

EARTH FILL

MERBIL. THE FILL MATERIAL SHALL BE TAKEN FROM APPROVED DESIGNATED SHROWN MERCS. IT SHALL BE THE OF PROS. TO MERC AND RESIDES. TO SHALL BE THE OF PROS. TO MERCH AND A SHALL BE THE OF THE OFFICE OF THE DEBT AND A SHALL CONFIDE OF THE DEBT AND A SHALL CONFIDE OF THE DEBT SHALL ASSESSMENT OF THE DEBT SHALL SHROWN DURSED SHALL SHROW DURSED SHALL SHROWN DURSED SHALL SHROW DURSED SHAL

MATERIALS USED IN THE OUTER SHELL OF THE EMBANMENT MUST HAVE THE CAPABILITY TO SUPPORT VECETATION OF THE QUALITY REQUIRED TO PREVENT EROSION OF THE EMBANKMENT.

WHEN REQUIRED BY THE REVIEWING AGENCY, THE MINIMUM REQUIRED DENSITY SHALL NOT BE LESS THAN 1955 OF MANUAUM DAY DESITY WITH A MEDISTRE CONTIDENT WHITH A 22K MANUAUM DAY DESITY WITH A MEDISTRE CONTIDENT WHITH A 22K MANUAUM DAY TO BE AND THE DESITY, AND IS TO BE CERTIFIED BY THE ENONER A THE THE MED OF CONSTRUCTION, ALL COMPACTION IST ONE DETERMINED BY AMSHTO METHOD T-99 (ACTIVE DESIT STIMMAND PROCEDS).

COST DESS STREETS TRANSPERSON SHALL BE DOWNTED INTO METRICUS MATERIAL ADDIG OF PRANLET. TO THE CONTENTION OF THE PLANCE OF THE CONTENTION OF THE PLANCE OF THE CONTENT OF THE DEMONANTH AS SHOWN OF THE PLANCE OF THE CONTENT ON THE CONTENT OF THE CO

STRUCTURE ARCREL.

BAOVILL ADALOST TO PRES OR STRUCTURES SHALL BE OF THE THE ARC QUALITY CONFORME TO THAT SPECIAL FOR THE METHOD TO THE METHOD THAT SHALL BE OF THE THE ARCHITECTURE. THE ARCHITECTURE A

A SECOND - THE OPEN SHALL SET FORM A DISTORY OF THE RECORDERST OF MAY HAVE DEPOSATE FOR THE PROPERTY OF THE PROPERTY OF MAY HAVE DEPOSATE FOR THE PROPERTY OF THE PROPER

PIPE CONDUITS

ALL PIPES SHALL BE CIRCULAR IN CROSS SECTION. CORRUGATED METAL PIPE - ALL OF THE FOLLOWING CRITERIA SHALL APPLY FOR CORRUGATED METAL PIPE:

MATERIALS — (POLYMER COATED STEEL PIPE) —STEEL PIPES WITH POLYMERIC COATINGS SHALL HAVE A MINIMUM COATING THICKNESS OF CO. INOH. (10 ML) ON BOTH SIDES OF THE PIPE. THIS PIPE AND ITS APPLIEDANCES SHALL CONFORM TO THE REQUIREMENTS OF AMSHTO SPECIFICATIONS M—246 & ML—246 WITH MATERIACHT COURTUME BAMSS OF FLANCES.

MATERIALS - (ALIMINA CONTE) STEE, PPC) — THE EXECUTION IN CASH OF PROTECTION IN CASH OF

MATERIALS — (ALMONU PEP) — THIS PIPE AND ITS OF ASSIST DESCRIPTION IN THE MATERIAL STATE OF ASSIST DESCRIPTION

COUPLING BANDS, ANTI-SEEP COLLARS, END SECTIONS, ETC., MUST BE COMPOSED OF THE SAME MATERIAL AND COATINGS AS THE PIPE. METALS MUST BE INSULATED FROM DISSIMULAR MATERIALS WITH USE OF RUBBER OR PLASTIC INSULATING MATERIALS AT LEAST 24 MLS IN THICKNESS.

CONNECTIONS — ALL CONNECTIONS WITH PIPES MUST BE COMMETTED, WATERTIONT. THE DRAIN PIPE OR BASEL CONNECTION TO THE RISES PAIL BE WELDED ALL AROUND 2. WHEN THE PIPE AND RISER ARE WETAL ANTI-SEEP COLLARS SHALL BE CONNECTED TO THE PIPE IN SUCH A MANNER AS TO BE COMPLETELY WATERTIOHT. DIMPLE BRANDS ARE NOT CONSIDERED TO BE WHERTIOHT.

MANNER AND BE CONFIETELY WITERFORT, DURING EMADS AND CONFIDENCE OF LICE A REMOTE AND CONFIDENCE OF LICE AS THE PROPERTY OF LICE AS THE LIC

POND MD-378 STORMWATER MANAGEMENT POND CONSTRUCTION SPECIFICATIONS

- 2. LYMB DIPC BLL. AND OPIDIT FOR SHUL, SE PLACED WITH THE RELL DOUDT PREMAU AND STAND SHUL SE MAY BE ADDRESS. AND RECOMMENDED OF THE MANAGEMENT OF THE MAN
- 4. BACKFILLING SHALL CONFORM TO "STRUCTURE BACKFILL".
- OTHER DETAILS (ANTI-SEEP COLLARS, VALVES, ETC.) SHALL BE AS SHOWN ON THE DRAWINGS.

PLASTIC PIPE - THE FOLLOWING CRITERIA SHALL APPLY FOR PLASTIC PIPE:

- MATERALS PVC PPE SHALL BE PVC-1120 OR PVC-1220 CONFORMO TO ASTM D-1785 OR ASTM D-2241. CORRIGATED HOH DENSITY POCK-THENDER. (PGPE) PPE, COUPLINGS AND FITTINGS SHALL CONFORM TO THE FOLLOWING: 4" 10" INTO PPE SHALL MEET THE REQUIREMENTS OF ASSISTIO M222 THE S, AND 12" THROUGH 24" INCH SHALL MEET THE REQUIREMENTS OF ASSISTIO M249 THE S.
- JOINTS AND CONNECTIONS TO ANTI-SEEP COLLARS SHALL BE COMPLETELY WATERTICHT.
- BEDDING —THE PIPE SHALL BE FIRMLY AND UNFORMLY BEDDED THROUGHOUT ITS ENTIRE LENGTH. WHERE ROCK OR SOFT, SPONGY OR OTHER MISTRELL SOIL IS ENCOUNTEED, ALL SUICH MATERIAL SHALL BE REMOVED AND REPLACED WITH SUTTABLE EARTH COMPACTED TO PROVIDE ABOUATE SUPPORT.
- 4. BACKFILLING SHALL CONFORM TO "STRUCTURE BACKFILL".
- OTHER DETAILS (ANTI-SEEP COLLARS, VALVES, ETC.) SHALL BE AS SHOWN ON THE DRAWNGS.

CONCRETE SHALL MEET THE REQUIREMENTS OF MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, SECTION 902.10.03, MIX NO. 3.

ROCK RIPRAP

ROCK RIPRAP SHALL MEET THE REQUIREMENTS OF MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HICHMAY ADMINISTRATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, SECTION 311.

GEOTETTLE SHALL BE PLACED UNDER ALL RIPRAP AND SHALL REFRAP AND SHALL REFRAP

CARE OF WATER DURING CONSTRUCTION

CASE OF MATER DURING CONSTRUCTION

ALL SIGN ON PROMABILS STRUCTURED SHALL BE CAMED OUT IN

ALL SIGN ON PROMABILS SHALL SHALL BE CAMED OUT IN

CONTROLL AND MARKING ALL SHAPPON ONESS, LIVERS,
CONTROLL OF MARKING ALL SHAPPON ONESS, LIVERS,
CONTROLL OF MARKING ALL SHAPPON ONESS, LIVERS,
CONTROLL OF MARKING ALL SHAPPON ONESS,
AND OTHER DURING THE CONTROLL OF MARKING AND AND OTHER DURING AND OTHER DU

STABILIZATION

ALL BORROW AREAS SHALL BE CRADED TO PROVIDE PROPER DRAINAGE AND LEFF IN A SOCIETY CONDITION. ALL EMPOSED DRAINAGE AND LEFF IN A SOCIETY CONDITION. ALL EMPOSED CONDITIONS AND AND ADDRESS AND AND ADDRESS CONCERNATION SERVICE STRANGARDOS AND SECONGAINGS FOR CHIRD AND ADDRESS AND ADDRE

EROSION AND SEDIMENT CONTROL

CONSTRUCTION OPERATIONS WILL BE CARRIED OUT IN SUCH A MANNER THAT EROSION WILL BE CONTROLLED AND WATER AND AIR POLLUTION MINIMIZED, STATE AND LOCAL LAWS CONCERNING POLLUTION ABATEMENT WILL BE FOLLOWED, CONSTRUCTION PLANS SHALL DETAIL REPOSION AND SEDIMENT CONTROL MEASURES.



WASTE MANAGERS
III APPLICATION
TERRACE RUBBLE LANDFILL
INT ROAD, ODENTON
DEL COUNTY, MARYLAND ≡ NATIONAL '
PHASE III
CHESAPEAKE TEI
PATUXEN'
ANNE ARUNDE

> vices 1878 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 : 856.354,2273 F: 856.354,8236 www.odvanoedgeoserviore.com ADWANCED Leoserv

SEDIMENT CONTROL
AND STORMWATER
MANAGEMENT SPEC.
THUMBOR DESCRIPTIONS
THE PRINCE SPECIAL SPECI

A. LANDFILL SITE ENTRANCES

THESE SITE ENTRANCES (I.E., EAST, NORTH, AID SOUTH ENTRANCES) ARE SHOWN IN THESE PERMIT DRAWNOS. CONSTRUCTION OF ONLY ORE SITE ENTRANCE (COMPRISED OF ACCESS) CONCRETE CONTRACT COMPRISED OF ACCESS (I.E., ACCESS OF ACC

RECARDLESS OF THE SITE ENTRANCE CONSTRUCTED, AN AUXILIARY ROAD (WITHOUT SCALES, SICHS, AND WITH A REDUCED WOTH) WILL BE CONSTRUCTED. THIS ROAD WILL PROVIDE NORESS/ECRESS IN THE EVENT ENTRANCE IS BLOCKED OF COUPPONIED, REQUIRING SITE EVALUATION OR ACCESS BY LIMITED STATE RESPONDITES. THE ACCESS POINTS DESIGNATED FOR THE AUXILIARY ROAD IS THE MORTH OR SOUTH ENTRANCE ACCESS.

B. LANDFILL CELL CONSTRUCTION

THE SITE FOR THE PROPOSED LANGING, IS COMPRISED OF AREA PREVIOUSLY MIND FOR SAND AND GRAVE. PRIMARY LANGING AREA SHE REPERSHED AS EAST SECTION (CELLS 11-16) AND GRAVE. PRIMARY LANGING LARGES ARE REPERSHED FOR SEAST SECTION (CELLS 11-16) AND GRAVE AREA SEAST SECTION (CELLS 11-16) AND GRAVE AREA SEAST SAND SECTION ACCORDING WINDOOD OF MARKADO (COMMR) REGULATIONS, AS INCESSMY TO CREAT A SUMP FOR COLLECTION OF LEAGHATE (LL, STORM WATER PERCOLATION PROMOTH ROBBEL WAST FLACED IN THE CELL).

THE SECOND PROCESSION OF THE SECOND PROCESSION

LEACHATE STORAGE FACILITY NO. 2.

CELLS ARE NUMBERED, BEGINNING IN THE WEST SECTION. CELLS 2 THROUGH 4 AND 11 THROUGH 16 CONNECTED TO LEACHATE STORAGE FACILITY NO. 1. CELLS 1, 5A THROUGH 5F AND 6 THROUGH 10 ARE CONNECTED TO LEACHATE STORAGE FACILITY NO. 2. AND 6 THROUGH TO ARE CONNECTED TO LEAGHAIR STORMER FACULTY NO. 2.

FOR STORMANTER MANAGENT BASIS BY MELL SERVE AS SECRET CONTINUE, AND STORMANTER
THROUGHOUT THE FACULTY FORDER THE TALKANTER SERVED-SERVED CONTINUE CONTINUE TO THROUGHOUT THE FACULTY FORDER THE TALKANTER SERVED-SERVED CONTINUE CONTINUE

A SEDIMENT TRAP AND SILT FENCE ENSURE THAT SEDIMENT FROM DISTURBED AREAS, OUTSIDE BASIN DRAINAGE AREAS IS CONTAINED ON—SITE.

PRIOR TO BEGINNING LANDFILL CONSTRUCTION IN ANY GIVEN AREA, ALL SEDIMENT BASINS AND PERIMETER CONTROLS SHALL BE INSTALLED AS SHOWN ON THE DRAWNOS AND INDICATED UNDER TIEM!, "SEQUENCE OF CONSTRUCTION FOR LANDFILL CELLS."

OWNER THEM IT, SECREPCE OF CONSTRUCTION FOR EMBURIL CELLS.

AS SPECIFIED IN THE SCULENCE AGAD BASIS MIALL BE COMPLETELY CONSTRUCTED (I.E., TOPSOL SHALL BE CLEARED AND STRIPPED, CUT-OFF TERHOR SHALL BE INSTALLED, SPILLARD, EXCANATION, AND EMBANAMENT CONSTRUCTION SHALL BE PERFORMED). PRIOR TO BECIMINED CONSTRUCTION, ALL CONSTRUCTION MATERIALS FOR THE BASIN MUST BE ON-SITE. BASINS MILL BE CENTRATED FOR DETAILS ON THE DRAWNES.

MUL BE DEMÉTRED PER DETAIL ON THE DRAWNES.

OLOPOSITÉ VER DE ALL LANGEL CELLS AT TOP OF SIRBASE CRAZE ES PROVOED IN EL DRAWNES DO AND 11 GRACES ON CELL SIBBASE PLANS BROCKT THAT EACH CELL WILL BE SESSE PIER, AS SONO OL DIRAMNES AND DETAILS. THE DEMENDAGET HAT ALL BUSINESS PIER, AS SONO OL DIRAMNES AND DETAILS. THE DEMENDAGET HAT ALL BUSINESS PIER, AS SONO OL DIRAMNES AND DETAILS. THE DEMENDAGET HAT ALL BUSINESS PIER, AS SONO OL DIRAMNES AND PIER. SONO PIER. THE DEMENDAGET HAT ALL BUSINESS PIER. SONO DETAILS THE DEMONSTRATION OF THE DEMENDAGE PIER. SONO DETAILS THE DEMONSTRATION OF THE DEMONSTRATION

BASH IS PROVIDED.

REPORT OF THE PROVIDED OF THE PROPERTY OF T

TO SUMMARIZE AND CLARIFY EVENTS THAT OCCUR CHRONOLOGICALLY (ON A CELL-BY-CELL CONSTRUCTION BASIS), ITEM II, "SEQUENCE OF CONSTRUCTION FOR LANGELL CELLS," SEPLICATES CORPORED SEA DOOR HOW THE LANGELL RULE E CONSTRUCTION. SEE DAMMINGS SEED AND THE LANGELL RULE EXCHANGEL SEED AND AND CONSTRUCT FROM BEGINNING TO END OF CONSTRUCTOR FROM BEGINNING TO END OF CONSTRUCTOR.

OF CONSTRUCTION.

UNLESS OTHERWISE APPROVED BY MOE AND ANNE ARRADEL SOIL CONSERVATION DISTRICT (AASOD), LANDILL CELL SEQUENCE OF CONSTRUCTION NELL BE PER INTERMEDIATE STAGE CONSTRUCTION DAMAGES, REFERENCE UNKERT INTERMEDIATE CLISIC MILE CONSTRUCTION OFFINITION LOWER THAN (IN). CLISIC MILE CONSTRUCTION OFFINION CONSTRUCTION OFFINION CONSTRUCTION OFFINION CONSTRUCTION OFFINION CONSTRUCTION OFFINION OFFINION

PROJECT STREAM.

RIBBLE FILL OPERATION MAY PROCEED IN ANY GIVEN COMPLETED CELL AT ANY TIME THROUGHOUT THE LIFE OF THE FACILITY, PROMDED THAT: SEDIMENT CONTROLS FOR THE DISTURBED AREA ARE IN-PLACE AND MAINTAINED; LEACHATE IS PROPERLY COLLECTED AND DISPOSEL; PAID ALL OTHER CONDITIONS OF THE MOR RETURE DISPOSAL PERMIT ARE MET.

II. SEQUENCE OF CONSTRUCTION FOR LANDFILL CELLS

A. SURFACE RUNOFF/SEDIMENT CONTROL

AS SETEMENTS INDEED THE SECURICE OF CONSTRUCTION OFFENSE MODE, ALL CLLS WILL SECONSTRUCTION A MANNER THAT US CREAT A SAME AND SMALE BE LONG THE OWN AND SMALE BE LONG THE OWN AND SMALE BE LONG THOM AND AND SMALE BE LONG THOM AND SMALE SMALE SMALE OWN ADMINISTRATION OF THE SMALE OWN ADMINISTRATION OF THE SMALE OWN ADMINISTRATION OF THE SMALE SMALE

CONSTRUCTION OF ACCESS ROADS AND PERMETER CHANNEL ADJACENT TO CELL AREAS IS REFERENCED UNDER THE SEQUENCE OF CONSTRUCTION ON EACH INTERMEDIATE STAGE CONSTRUCTION ADAMING, IN CELL CONSTRUCTION OF EACH INTERMEDIATE STAGE TO SECRETE OF THE MANUAL WIDTH PERMETER BERM AT THE TOP OF THE LANDFILL EMBANAMENT SIES SOPE SHALL BE PART OF THE CONSTRUCTION.

AS PRICICAME. TO PRIVE SEMINATI LADIS SUFFICE RADOF TO SEMINATE FASNIS INFOCUMENT TO PRIVE OF THE CONSTRUCTION OPPORTION. THE LADISTIC PAPIRA OF SMALL ATTEMPT TO MININGE. UN-VEGETATED DISTURBED AREAS THAT DRAIN DRECETY TO A SEMINATION OF THE PRIVE OF THE PRIVE THE PRIVE THE CHANNEL, OF THE PRIVATE MEASURED, PRIVATE THOM AS THE PRIVATE OF THE PRIVATE

B. DESCRIPTION OF INTERMEDIATE CONSTRUCTION STAGE PLANS

INTERMEDIATE CONSTRUCTION STAGE PLANS (DRAWINGS 64--- THROUGH 81----) DEPICT CONSTRUCTION OF THE LANDFILL. FROM BEGINNING OF CONSTRUCTION THROUGHOUT AND CLOSURE OF THE LANDFILL.

- I. INTERMEDIATE CONSTRUCTION STAGE PLANS WERE PREPARED ASSUMING DAILY OR WEEKLY COVER SOLES WOULD BE GRITANICE FROM THE INSTITCTURE TO BE CONSTRUCTED TO ALLOW METALS. WILL BE USED, WHICH MALABLE. SO THEM ON-SITE SOLE CAN BE USED FOR CLOSURE CONSTRUCTION, WHERE ON-SITES MEET THE CLOSURE MATERIALS.
- 2. THE PRIMARY MANAGE OF SECURITY CONTROL FOR CONSTRUCTION OF THE SET IS BY PRIMARY MANAGE OF SECURITY HARDS, MANAGE OF SECURITY HARDS, MANAGE OF SECURITY DRAINAGE SHARES FROM THE FORMER SHAD AND GHARE MINIOR SECURITY SHAPECE, RIGHTOF OF ARE IN-PLACE, SCILL CONSTRUCTION FROECESS, LIGHT SHAPECE CONTROL OF SHAPECE CONTROL SHAPECE CONTROL OF SHAPE PARKS.
- C. ASSUMPTIONS FOR DEVELOPMENT OF LANDFILL SEQUENCE OF CONSTRUCTION BASED ON THE ABOVE SITE CONDITIONS, AND ITEMS II(B)(1) AND II(B)(2), THE FOLLOWING ASSUMPTIONS WERE USED TO DEVELOP THE LANDFILL SEQUENCE OF CONSTRUCTION, DEPICTED ON INTERMEDIATE CONSTRUCTION STAGE PLANS IN THESE PERMIT DRAWINGS.
- AS PART OF THE INITIAL CONSTRUCTION SEDIMENT BASINS 2, 3, AND 4 WILL BE CONSTRUCTED INITIALLY.
- LANDFILL CELLS 2 THROUGH 4 AND 11 THROUGH 16, WHEREBY LEACHATE IS PUMPED TO LEACHATE STORAGE FACILITY NO. 1, WILL BE CONSTRUCTED PRIOR TO CELLS 1, 5A THROUGH 5F AND 6 THROUGH 10, WHERE BY LEACHATE IS PUMPED TO LEACHATE STORAGE FACILITY NO. 2. WITH RESPECT TO LANDFILL OPERATION, CONSTRUCTION OF LANDFILL CELLS 2 THROUGH 4 AND CELLS 11 THROUGH 16, PRIOR TO CONSTRUCTION OF CELLS 1, AND 5 THROUGH 10, IS ALSO THE MOST DESTRUEL SEQUENCE OF CONSTRUCTION FOR THE LANDFILL, DUE TO CLOSE PROXIMITY OF CELL CONSTRUCTION TO SEDIMENT BASINS AND THE EAST ENTRANCE.
- STOCKPILES SHALL BE WITHIN DRAINAGE AREAS TO EXISTING SEDIMENT BASINS THROUGHOUT THE LIFE OF LANGEILL CONSTRUCTION AND OPERATION.
- THREE SITE ENTRANCES TO THE LANDPILL ARE DEPICTED ON DRAWING 3. MDE REQUIRES ONLY ONE ENTRANCE. SOUTH ENTRANCE IS CONSIDERED TO BE THE LEAST DESERBLE OF THE THREE SITE ENTRANCES, BECAUSE IT IS REMOTE FROM LANDFILL CELLS THAT SHOULD BE CONSTRUCTED AND FILLED WITH RUBBLE WASTE INITIALLY.
- NORTH AND EAST ENTRANCES ARE, IN CLOSE PROXIMITY TO CELLS DESIGNATED FOR INITIAL CONSTRUCTION, ARE THE MOST DESIGNALE SITE ENTRANCE OPTIONS. ASSUMPTION USED TO DEVELOP THE SEQUENCE OF CONSTRUCTION MIGORATED ON INTERTEDIATE CONSTRUCTION STATE PLANS (DRAWNOS 64 THROUGH 81) IS THAT RUBBLE WASTE HAUL TO THE SITE WILL BE VIA THE COUNTY ROAD TO THE EAST ENTRANCE.

VARIANCE FROM THE SEQUENCE OF CONSTRUCTION IN THESE PERMIT DRAWINGS MUST BE APPROVED BY AASCO AND MDE, PER ITEM III HEREON. CONTRACT DOCUMENTS FOR INTERMEDIATE STAGE CONSTRUCTION MUST BE PREPARED AND APPROVED BY MDE, PER ITEM

D. INTERMEDIATE CONSTRUCTION STAGE PLAN DEPICTION

SCUENCE OF CONSTRUCTION FOR EACH INTERMEDIATE CONSTRUCTION STACE IS PROVIDED ON DRAWING AS THROUGH BY. THE FOLLOWING LIST DENTIFIES CONSTRUCTION REQUIREMENTS, METHODOLOGY ASSOCIATED WITH DEPOTION OF FEATURES ON INTERMEDIATE CONSTRUCTION STACE PLANS, AS-BUILT SURVEY AND QUALITY ASSURANCE CRITERIA.

- PERMIETER ROADS. TEMPORARY CONSTRUCTION ROADS INITIALLY USED FOR CONSTRUCTION EQUIPMENT ACCESS SHALL HAVE A SURFACE SUFFICIENT FOR SUCH USE. PERMIETER ROAD SURFACE FOR WASTE HAULERS SHALL BE AS SHOWN ON DRAWINGS 10 AND 11. TUMPORARY ACCESS ROADS USED FOR WASTE HAULERS SHOWN ON DRAWINGS 10 AND AND THAT ALL BEAT SHOWN AND THAT ALL BEAT SHOWN AND CAN ALL BEAT SHALL BEAT SHOWN OF SHOWN AND CAN ALL BEAT SHALL BEAT SHOWN AND CAN ALL BEAT SHALL BEAT SHALL BEAT SHOWN AND ON RUBBLE WASTE SHALL HAVE AN ALL BEATHER DURABLE SHAPE SHALL BEAT SHOWN SHOWN AND CAN ALL BEAT SHAPE SHALL BEAT SHAPE S
- PERIMETER CHANNELS: PERMETER CHANNELS SHALL INCLIDE LINNO PER THE TABULATION DRAWNG 42. TEMPORARY BERUS, RIPRAP CHANNELS AND DITCHES ADJACENT TO TEMPORARY ROADS SHALL BE SUFFICIENT TO CONVEY SURFACE RUNOFF AROUND CELL CONSTRUCTION J WASTE PLACEMENT AREAS AS SHOWN.
- WAS IL PACEMENT AREAS AS SHOWN.

 SEDIMENT BASINS INTIAL CONSTRUCTION STAGE INCLUDES CONSTRUCTION OF SEDIMENT BASINS AND FERRITER CHANNELS ASSOCIATED WITH EACH STAGE, AS RESEDIT TO PROVIDE SIJEFACE ROWERF TO BASINS, CONSISTENT WITH BASIN ESSIN OFFICIAR. A TOLLOWING HEA AND DRAINAGE AREA TO A SEDIMENT BASIN, THROUGHOUT THE LIFE OF LANDFILL CONSTRUCTION AND OPERATION.
- AND OPENION.

 THE OF LANGILL CONSTRUCTION PROPOSED CONTINUES AND EXPERIENCE AS THE OFFICE AS THE OFF
- CONSTRUCTED CONTOURS ADJACENT TO TEMPORARY ROADS AND DITCHES REPRESENT GRADING REQUIREMENTS FOR CONSTRUCTING CELLS AND ACCESS ON EXISTING GROUND PRIOR TO LAMBILL CONSTRUCTION. PER ITEM 8 BELOW, STOCKPIES OR BORROW AREAS MAY EXIST IN SOME LOCATIONS SHOWN AS EXISTING GROUND ON INTERMEDIATE CONSTRUCTION STAGE PLANS.
- SOME LOCATIONS SHOWN AS DISTING GROUND ON INTERMEDIATE CONSTRUCTION STATE AT STATEMENT OF THE LANGINGTON STATEMENT OF THE LANGINGTON STATEMENT OF THE PROPERTY OF THE PROPERTY OF THE PROLITY. STOCKMELS AND DROPOUS SOURCES MAY BE WITHIN AREAS ADJACENT TO THE PROLITY. STOCKMELS AND DROPOUS SOURCES MAY BE WITHIN AREAS ADJACENT TO THE OFF CONSTRUCTION. STATEMENT OF THE LOCATION STATEMENT OF THE LOCATION STATEMENT OF THE PROPERTY OF THE PROLITY OF THE PROLITY OF THE PROLITY. WHICH PROADMANT SHALL REPORTS AND STATEMENT OF THE PROLITY OF THE PROLITY.
- INTER-CELL ACCESS: INTER-CELL ACCESS FOR CELL CONSTRUCTION OR WASTE PLACEMENT SHALL BE VIA TEMPORARY ACCESS ROADS OR OVER COVERED RUBBLE WASTE IN ACTIVE CELLS.
- AS-BUILT SURVEY: THROUGHOUT THE LIFE OF LANDFILL CONSTRUCTION AND OPERATION, FIELD RUM AND AERIAL TOPOGRAPHIC AS-BUILT SURVEY FOR ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH TECHNICAL SPECIACIONS, CONSTRUCTION QUALITY, ASSURANCE PLAN, AND LANDFILL OPERATIONS PLAN.
- QUALITY ASSURANCE: ALL CELL CONSTRUCTION MATERIAL (INCLUDING LEACHATE COLLECTION SYSTEM) SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH CONTRACT DOCUMENTS. CONSTRUCTION CERTIFICATIONS BY A MARYLAND CERTIFIED PROFESSORAL CONCRETE (AS REQUIRED BY THE CONSTRUCTION) QUALITY ASSURANCE PLAN) MUST BE SUBMITTED TO AND APPROVED BY THE MUSE PROFED MOSTE PLANCEMENT.

E. LANDFILL CONSTRUCTION CHRONOLOGY

PRIOR TO ANY CONSTRUCTION, PERMANENT GROUNDWATER MONITORING WELLS SHALL BE INSTALLED, AS SHOWN ON "GROUNDWATER MONITORING PLAN" IN PHASE III REPORT SECTION 16.0.

PER CRITERIA AND ASSUMPTIONS UNDER ITEMS II(A), II(B), II(C) AND II(D) ABOVE, LANDFILL CONSTRUCTION CHRONOLOGY DEPICTED ON INTERMEDIATE STAGE CONSTRUCTION DRAWINGS 64 THROUGH 81 IS AS FOLLOWS:

- INITIAL CONSTRUCTION (SEDIMENT BASIN NOS. 2 THROUGH 4 AND LEACHATE STORAGE FACILITY NO. 1) (STAGE A)
- 2. CELL 11 (STAGE A AND B)
- 3. CELL SEPARATION BERM FOR CELLS 12 THROUGH 16
- 4. CELL 16 (STAGE C)
- 5. CELLS 12 THROUGH 15, RESPECTIVELY (STAGES C, D, E, F, AND G)
- 6. CELLS 2, 3, 4, 1, 5F, 5E, AND BASIN NO. 1 AND LEACHATE STORAGE FACILITY NO. 2 (STAGES
- 7. CELL 10 AND SD (AND SURFACE RUNOFF IMPOUNDMENT IN CELL 9 AREA)
- 8. CELLS 9 AND 5C; 8, 5A AND 5B; AND CELL 6 AND 7, IN THAT ORDER

III. VARIANCE FROM SEQUENCE OF CONSTRUCTION FOR LANDFILL CELLS

AS REFERENCED UNDER ITEM MC(x)(s), SEQUENCE OF CONSTRUCTION IS BASED ON SITE ACCESS
MA THE LAST ENTRANCE. IF I'ME NORTH DAYRANG IS CONSTRUCTED IN URLU OF THE LAST
WAS THE LAST INTO THE CONSTRUCTED AND THE LAST
CONSTRUCTED, WITHOUT AND THE CONSTRUCTED AND THE LAST
MALL NOT BE CONSTRUCTED. UNTIL INCESSARY FOR CONSTRUCTION OF CREAT IN THOUGH IS
MALL NOT BE CONSTRUCTED. UNTIL INCESSARY FOR CONSTRUCTION OF CREAT IN THOUGH IS
SCHOOLING OF CONSTRUCTION OF LANGUAGE CLEAS SHALL REAM AS ESSENDED IN THESE
PERMIT DAMRIOS, WARRING FROM THE SCUENCE OF CONSTRUCTION HEREIN IS NOT
CONSTRUCTION, HE SCUENCE OF CONSTRUCTION HEREIN IS NOT
CONSTRUCTION. HE SCUENCE OF CONSTRUCTION HEREIN IS NOT
BY ANNE ARADIOL. SOIL CONSTRUCTION HEREIN IS NOT
BY ANNE ARADIOL. SOIL CONSERVATION BY ANY ARADIOL SOIL CONSTRUCTION HEREIN
BY ANNE ARADIOL. SOIL CONSERVATION BY ANY ARADIOL AND MARYLAND DEPARTMENT OF
THE ENVIRONMENT LOCK.

IV. SEQUENCE OF RUBBLE WASTE PLACEMENT OPERATION

SEQUENCE OF RUBBLE WASTE PLACEMENT IS AS FOLLOWS.

- FOR EACH INTERMEDIATE STAGE OF CONSTRUCTION PREPARE THE TOP OF CELL SUBGRADE (LE. BOTTOM OF SUBBASE) IN ACCORDANCE WITH CONTRACT DOCUMENTS (SEE ITEM W(B) HEREON) AND REQUIREMENTS OF THE REPLYES DISPOSAL PERMIT.
- AND REQUIREMENTS OF THE REFUSE DEPOSAL PERMIT.

 CONSTRUCT THE REBBLE LANDFUL PER INTERMEDIATE CONSTRUCTION STAGE DRAWNOS 64

 THROUGH 78. PLACE WASTE IN INDIVIDUAL CELLS IN EAST AND WEST SECTIONS AS SHOWN.

 AS RUBBLE WASTE PLACEMENT PROPORCESSES, PROVIDE DAILY AND INTERMEDIATE COVER PER

 THE LANDFUL OPERATIONS AND MAINTERNANCE PLAN (SEE SECTIONS 12 OF THE PHASE II

 PERMIT) AND THE REFUSE DISPOSAL PERMIT REQUIREMENTS.
- 3. WEN RIBBER WEST FILLION S AT A LEVEL ABOVE THE LANDFILL PRIMETER BERM, PROVIDE COVER AND VEGETATION IN A MANNER THAT PROMOTES SURFACE RUNOF FROM SOIL COVER OVER THE RUNDEL, CANOSS THE PRIMETER BERM TO A PERSMETER OF ANNEL (AS DESCRIBED IN THE LANDFILL OPERATIONS AND MAINTENANCE PLAN).

 CONTINUE IN EN BURBLE WASTE OF A DESCRIPTION OF A PERSMETER OF ANNEL (AS DESCRIBED IN THE LANDFILL OPERATIONS AND MAINTENANCE PLAN).
- IN THE LANDFUL OPERATIONS AND MAINTENANCE PLAN).

 CONTINUE THE ROBBLE MASTE PLANDFUNT OPERATION TO FRAL GRADE. ESTIMATED LIFE DEPETANCY OF THE RUBBLE WASTE PLANDFUNT OPERATION IS 12 "LESSE. FRAL GRADES SHOW ON THE PLAND STRUCKED FOR THE RUBBLE WASTE PLANDFUNC DEPENDENCE OF THE RUBBLE WASTE PLANDFUNC FOR THE ADMITTAL CORPORATION OF THE PLANDFUNC FOR THE

V. ESTIMATED CELL CONSTRUCTION AND WASTE PLACEMENT SCHEDULE

PRIOR TO BEGINNING ANY WASTE PLCEMENT, PERMANENT GROUNDWATER MONITORING WELLS SHALL BE INSTALLED, AS SHOWN ON "GROUNDWATER MONITORING PLAN" IN PHASE III REPORT SECTION 16.0.

SECTION 16.0.

WITH ALL CONDITIONS SPECIFED ON THIS DRAWING, THE LANDFILL SHALL BE CONSTRUCTED. INTERMEDIATE CONSTRUCTION STACE PLANS (DRAWINGS AF THROUGH BY PERFORMED OF THE LANDFILL FROM BECOMING OF CONSTRUCTION BY THE MORNING OF THE LANDFILL FROM BECOME OF CONSTRUCTION FROM THE CONSTRUCTION AND ASSET PLANSING THE CONSTRUCTION STACE PLAN. ESTIMATED TIME FRAME FOR CELL CONSTRUCTION AND WASTE PLANSINGTH SERVICED HEREMORE.

PRIOR TO BEDNAMO ANY OTHER ON-STE CONSTRUCTION, INTERMEDIATE CONSTRUCTION AND ALL STATEMENT OF THE CONSTRUCTION AND ALL SHARE OF THE CONSTRUCT

BASED ON THE ANTICIPATED VOLUME AND DENSITY OF RUBBLE WASTE TO BE PLACED IN THE FACILITY ON A DAILY BASIS, DURING 5 DAYS PER WEEK OPERATION, THE ESTIMATED LIFE EXPECTANCY OF THE LANDFILL WASTE PLACEMENT OPERATION IS 12 YEARS.

A. CONSTRUCTION REQUIREMENTS

THE FOLLOWING CONSTRUCTION REQUIREMENTS AND ASSUMPTIONS WERE USED TO GENERATE THE "SEQUENCE OF CELL CONSTRUCTION AND WASTE PLACEMENT", UNDER ITEM B BELOW.

- LANDFILL WASTE PLACEMENT OPERATION DURATION IS 12 YEARS UNLESS MODIFIED THROUGH REGULATORY OR LEGAL PROCESSES, INITIAL CONSTRUCTION PRIOR TO THE START OF WASTE PLACEMENT IS NOT SUBJECT TO THE 12 YEAR TIME FRAME.
- COMPLETION OF ANY FINAL CLOSURE CAP CONSTRUCTION OF THE FAGULTY (LE, THE CONSTRUCTION OPERATION ASSOCIATED WITH INSTALLATION OF LANGFILL QUSINE CAP MATERIAL, PER COMAR REQUILIDINOS) IS NOT INCLUDED IN THE "SEQUENCE OF CELL CONSTRUCTION AND WASTE PLACEMENT".
- 3. CONSTRUCTION OF CELL INFRASTRUCTURE (LE., ACCESS ROADS, PERIMETER DITCHES, STORM DRANS, AND FORCE MANS) WILL OCCUR AS REQUIRED TO SUPPORT ONCOMING LAMPIFLE CELL CONSTRUCTION. CELL INFRASTRUCTURE CONSTRUCTION SHOULD BE SOBEOLIDED AND COMPLETED AS RECESSARY TO ALLOW MASTE PLACEMENT IN ANY GIVEN CELL, IMMEDIATELY FOLLOWING CELL CONSTRUCTION COMPLETION.

B. SEQUENCE OF CELL CONSTRUCTION AND WASTE PLACEMENT

PRIOR TO BEGINNING WORK FOR ANY INTERMEDIATE STACE OF CONSTRUCTION (AS SHOWN ON DRAWNING 84 THROUGH BY AND SPECIFIED WIGHER ITEM WIGH HERDOW), ANNE ARUNGEL (10-222-4-260) SHALL BE NOTHER, BLUE PROPOSED STOOPHEL AREA (FOLLIMON TEMPORARY SEDIMENT CONTROL INASCRIPCE) SHALL BE PER AASCD SEDMENT CONTROL INSPECTOR'S APPROVAL.

BASED ON INDIVIDUAL CELL AIR SPACE (PRORATED PER TOTAL LANDFILL CELL ACREAGE) AND INTERMEDIATE CONSTRUCTION STAGE PLANS ON DRAWNISS 64 THROUGH 81, THE "SEQUENCE OF CELL CONSTRUCTION AND WASTE PLACEMENT" IS AS FOLLOWS.

- COMPLETE CONSTRUCTION OF BISSN NOS. 2, 4, MG. 4, MG. ELECHTE 1, AND 64. CONSTRUCT EXPENDING OS STORMS OF PROMISED 1, AND 64. CONSTRUCT EXST ENTRANCE ACCESS ROAD AS SHOWN ON DRAWNOS, EAST ENTRANCE AND BASIN NO. 4. AS SHOWN ON DRAWNOS BASIN NO. 4. AS SHOWN ON DRAWNOS BASIN NO. 4. AS SHOWN ON DRAWNOS BASIN OF ALL BASINS SHALL COMPLY WITH THE FOLLOWING.
 - ALL MATERIALS FOR BASIN CONSTRUCTION SHALL BE ON-SITE PRIOR TO COMMENCEMENT OF WORK.
- PRIOR TO COMMENCEMENT OF WORK, AREAS FOR CLEARING, STRIPPING AND STOCKPLING TOFSOIL OR ANY IMPORTED BORROW, AND ANY ON-SITE BORROW AREAS (INCLUDING TEMPORARY SEDMENT CONTROL MEASURES, SUCH AS SILT FENCE, ETC.) SHALL BE PER APPROVAL OF THE AASCO SERMENT CONTROL INSPECTOR.
- THE ANSWER SEMMENT CONTROL INSPECTION.

 BASHIS WILL BE CONSTRUCTED FER APPROVAL BY MDE AND AASCD, UNDER THESE PERHIT DRAWNOS. CONSTRUCTION OF THE CUT-OFF TRENCH, PRINCIPAL AND BUERGENCY SPILLWAYS, AND ALL OTHER ASPECTS OF EUBANAMENT CONSTRUCTION, SHALL BE INSPECTED BY A PROFESSIONAL COTTENNACA, ENORMER OR HIS AUTHORIZED REPRESENTATION.
- 2. CONSTRUCT EAST SECTION (30.8 ACRES AIR SPACE) PER ITEM III(E) HEREON.
 COMPLETE WASTE PLACEMENT, PLACE INTERMEDIATE COVER, AND VEGETATE
 (I.E. 2 FEET BELLOW CLOSURE CAP FINISHED GRADE).
 3.5 YEARS ⁽³⁾
- 3. CONSTRUCT WEST SECTION CELLS 1 THROUGH 10 (83.6 ACRES AIR SPACE) PER TIEM IN(E) HEREON. CONSTRUCT LEACHATE STORAGE FACILITY NO. 2 WHEN REQUIRED FOR CELLS 1, 5A THROUGH 5F, AND 6 THROUGH 10. COMPLETE MASTE PLACEMENT TO FINAL COVER ELEVATION IN WEST SECTION. 8.5 YEARS(2)
- FOLLOWING PERMANENT VEGETATIVE STABILIZATION OF THE LANDFILL CLOSURE CAP (CONCEPTUAL CAP DETAIL ONLY SHOWN ON THESE FERMIT DRAWNSS) IN DITHER BASIN NO. 1, OR BASIN NO. 3 CONTRIBUTING DRAWNSS, MASH NO. 20 CHARD THE APPLICABLE BASIN SHALL BE CONVERTED TO A STORMWATER MANAGEMENT POND AS SPECIFIED ON DRAWNS 65.

ONOT PART OF 12-YEAR WASTE PLACEMENT OPERATION BIRASED ON PRORATED CELL ACREAGE OVER 12-YEAR TIME FRAME

VI. GENERAL NOTES FOR LANDFILL CELLS AND APPURTENANT CONSTRUCTION

A. VARIANCE FROM LANDFILL SEQUENCE OF CONSTRUCTION

UNLESS OTHERWISE APPROVED BY AASCO AND MOE, THE RUBBLE LANDFILL AND ALL APPARTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH PLANS AND DETAILS ON THESE PERMIT DRAWNISS. OHRONOLOGICAL SEQUENCE OF CONSTRUCTION SHALL BE PER ITEM (IC) (PER INTERMEDIATE CONSTRUCTION STAGE DRAWNINGS 64 THROUGH 81). VARIANCE FROM SEQUENCE OF CONSTRUCTION MAY OCOUR, PER ITEM II HERCON.

B. PREPARATION OF CONTRACT DOCUMENTS FOR INTERMEDIATE STAGE CONSTRUCTION

PRIOR TO BEGINNING CONSTRUCTION DE ACH INTERNETATE CONSTRUCTION STAGE (EXCLUSION CONSTRUCTION DE ACH INTERNETATE CONSTRUCTION STAGE (EXCLUSION CONSTRUCTION DE BASINS AND STORMANTE MANAGEMENT/SEDMENT OWNER). MEASURES (OCRITICATION DEAWNES) AND CONSTRUCTION SECONDATION SECONDATION CONTROL OF A PROTESSOMAL EXCHESE, REGISTERED IN MARTLAND CONTROL DOALD STAGE IN MARTLAND CONTROL DOALD STAGE IN MARTLAND CONTROL TOWNER TOWNER THE MANAGEMENT/SEDMENT CONTROL MEASURES SHALL BE CONSTRUCTED AS APPROVED BY MICE AND ANSIC, UNDER THESE PERMIT DEMANINGS.

PRIOR TO BEGINNING ANY WASTE PLACEMENT, PERMANENT GROUNDWATER MONITORING WELLS SHALL BE INSTALLED, AS SHOWN ON "GROUNDWATER MONITORING PLAN" IN PHASE III REPORT SECTION 16.0. INTERMEDIATE CONSTRUCTION STACE CONTRACT DOCUMENTS SHALL INCLUDE OFF-ROAD ACCESS (I.E., MEDICED PERMETER ACCESS ROAD FOR PARKING, ETC.) TO

PERMANENT GROUNDWATE MONITORNO WELLS

PRIOR TO BEGINNON WHELL WASH AND CONORIETE CLEAN—OUT INSTALLATION, CONSTRUCTION
DRAWINGS AND SPECIFICATIONS (SEALED BY A PROFESSORIAL DIOMETE REGISTER) IN THE
STATE OF METALAND AS REQUIRED TO CONSTRUCT AND MONITAR THE WIREL MAN AND
STREET AND ADMINISTRATION OF THE STATE OF THE S

- 1. ALL CONSTRUCTION DRAWING PLAN VIEWS SHALL BE PREPARED AT MINIMUM 1" = 50' SCALE.
- COORDINATE GEOMETRY SHALL BE ANNE ARUNDEL COUNTY GRID, PER COORDINATES SHOWN ON THE PERMIT DRAWNOS.
- IN THE PLANT ID-AMNOS.

 STE DIFFERNE CAROLIS AND INFRASTRUCTURE (LE. SOAE HOUSE, TRUCK SCAES, MANIELANCE BILLDING, WIELE WISH AND CLEANOUT) SHALL CONFORM TO THE PLANS SOME ON DRAWING 4 THROUGH 7 HINNING TRACTOR THEREF TRIBHORN CORRUS SHALL BE SO TEET, MARCH FIELD ADASSIMENT TO THE LAVOURS MAY BE MADE AS NECESSARY, AND CORPORAINGE WITH TRACTOR THATER MOVEMENT OF THUS SCAES AND WHERE MASH, AND CREATIONAL EQUIPMENT MOVEMENT WITHIN AND ADACENT TO THE MAINTENANCE BILLDING.
- BUILDING. BASE THE WATERIAN WITHIN AND ADJACENT TO THE MAINTENANCE BASE USE FOR CONSTRUCTION OF LEACHING STORAGE FAQUITIES SHALL BE CONTERNED OF ALL ACCESS ROUGH BIN I SURROUND THE MEASY, AS SOWN ON PERMIT DRAWNOS, EACH TO PROVIDE SOLODO CALLONS CONTAINED THE MEASY FOR THE MEASY FO
- ON PERMIT DRAWNOS.

 AREQ INFO OF CONSTRUCTION FOR THE LANDFUL CELLS SHALL BE THE PREMITE ACCESS ROOM CONTERIOR. AS SHOWN ON THESE PERMIT DRAWNOS. PRECEDE CURRULEAR AND RESTELLA ALGORITHM FOR THE ROOM SHALL BE COMPUTED ASSED OF PROFOSOD AUGMOBIT AND STRUCTURE AND STRUC
- LANDRIL PLANS.

 PREMETER ACCESS ROAD CENTERLINE SHALL BE USED TO DEVELOP ROAD CENTERLINE PROFILES ON CONSTRUCTION DRAWNOS. PROFILES SHALL BE PERPARED AT MANUAU 1" = 50" PROFILES ACKEL MONRO AUSTREETS TO ROAD PROFIZONTAL AND PROFIZONTAL AND CASEL MONRO AUSTREETS TO ROAD PROFIZONTAL AND CONSTRUCTION FOR THE PROFILES AND THE CROSS SECTIONS ON THESE PRIME PRAWN LINE FOR CONSTRUCTION, CENTERLINE PROFILES AND THE CROSS SECTIONS ON THESE PRIME PRAWN LINES.
- HORIZONTAL LOCATION OF LANDFILL CELL SEPARATION BERMS AND PUMP STATIONS SHALL BE PER DEPICTION ON PERMIT DRAWINGS.
- LANDFILL SDE SLOPES AND CELL GRADES AT TOP OF PREPARED SUBBASE ELEVATION SHALL BE PER DEPICTION ON PERMIT DRAWINGS. LEACHATE COLLECTION SYSTEM LINER MATERIAL AND DIMENSIONAL CORTERS SHALL BE PERMIT DRAWING DETAILS.
- CONSTRUCTION OF LANDFIL PERMITER CHANNEL AND STORM DRAIN PIPES, PERMITER BERM, LEACHATE PUMP STATIONS, CARRER PIPES AND LEACHATE SIMPS SHALL BE PER DIMPSIONAL CRITERIA, AS BOOM ON OPERATIO PORMING DEFAULS. BASE LINE OF CONSTRUCTION (LE. THE PERMITER ACCESS ROAD CENTERLINE) SHALL BE THE REFERENCE FOR ALL DIMENSIONS SHOWN.
- CONSTRUCTION OF LEACHATE FORCE MAIN SYSTEMS SHALL BE PER PERMIT DRAWING PLANS AND SECTIONS. CONSTRUCTION DRAWINGS SHALL INCLUDE PROFILES OF THE FORCE MAIN, AT MINIMUM "= 50" HORIZONTAL AND 1"= 5" VERTICAL SCALE.
- STORM DRAIN PER CHADWALLS SHALL BE PER "ANNE ARINDEL COUNTY STANDARD DETAILS FOR CONSTRUCTION". TO ACCOMMODATE HEADWALL CONSTRUCTION, PERMETER DITCHES WILL BE WIDENED AS HECKSESARY. DETAILS FOR CONSTRUCTION OF PURB TATIONS, MAINTENANCE BUILDING, AND OTHER APPUREDANCES ICE, TRUCK SCALES, SCALE HOUSE, STORAGE TANK RING WALLS, ETC. APPUREDANCES ICE. OR TO A STANDARD AND A STANDARD
- NICE WALLS, ELC., SHALL BE PROVIDED ON CONSTRUCTION DIMENSION.

 CONSTRUCTION SPECIAL CONSTRUCTION STATEMENT OF THE CHARLE CALLETION STSTEM OF THE CONSTRUCTION OF THE CHARLE CALLETION STSTEM OF THE CHARLE CALLETION OF THE CHARLE CALLETION OF THE CHARLE CALLETION OF THE CHARLET CALLETION OF THE CHARLETION OF TH
- 13. GENERAL SPECIFICATIONS (INCLUDING BUT NOT LIMITED TO THE FOLLOWING) SHALL BE

- PROVIDED.

 SUMMARY OF WORK

 MEASUREMENT AND PAYMENT
 SCHEDULE OF VALVES
 APPLICATIONS FOR PAYMENT
 PROJECT COORDINATION
- FIELD ENGINEERING/SURVEYING
 PROJECT MEETINGS
 SUBMITTALS
- QUALITY ASSURANCE
- TESTING LABORATORY SERVICES CONSTRUCTION FACILITIES
- DUST CONTROL
 HEALTH AND SAFETY SPECIFICATIONS FOR CONSTRUCTION
 SITE ACCESS AND TRAFFIC PLAN

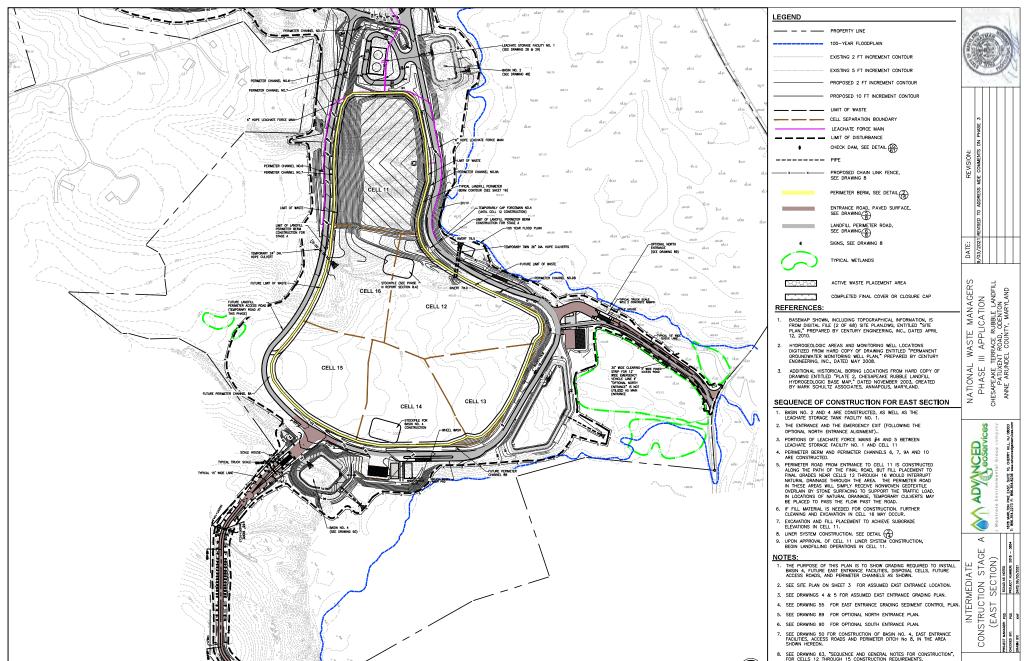
- CONTRACT CLOSEOUT
 PROJECT RECORD DOCUMENTS
 WARRANTIES

VASTE MANAGERS APPLICATION RACE RUBBLE LAND ROAD, ODENTON COUNTY, MARYLAN WAST CHESAPEAKE TERR PATUXENT R ANNE ARUNDEL \equiv NATIONAL PHASE II

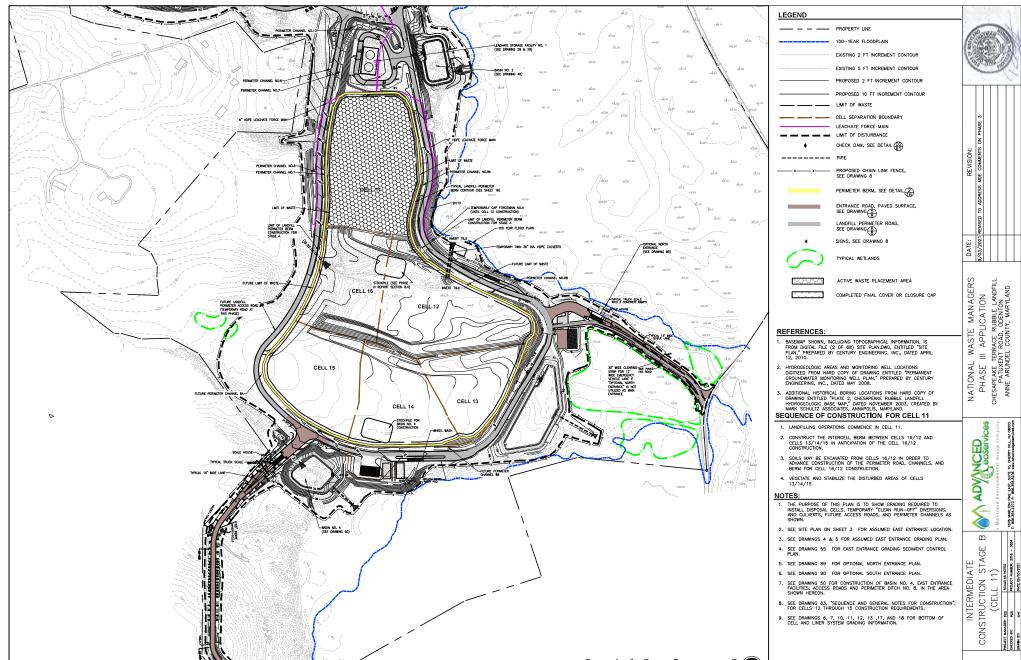
> ED Services 10, CHERRY HILL, NJ 08003 www.ddwncedgeoservices.com ADWANCE SOS 1678 MARLTON PIKE EAST, SUITE : 856.354.8236 :: 856.354.8236

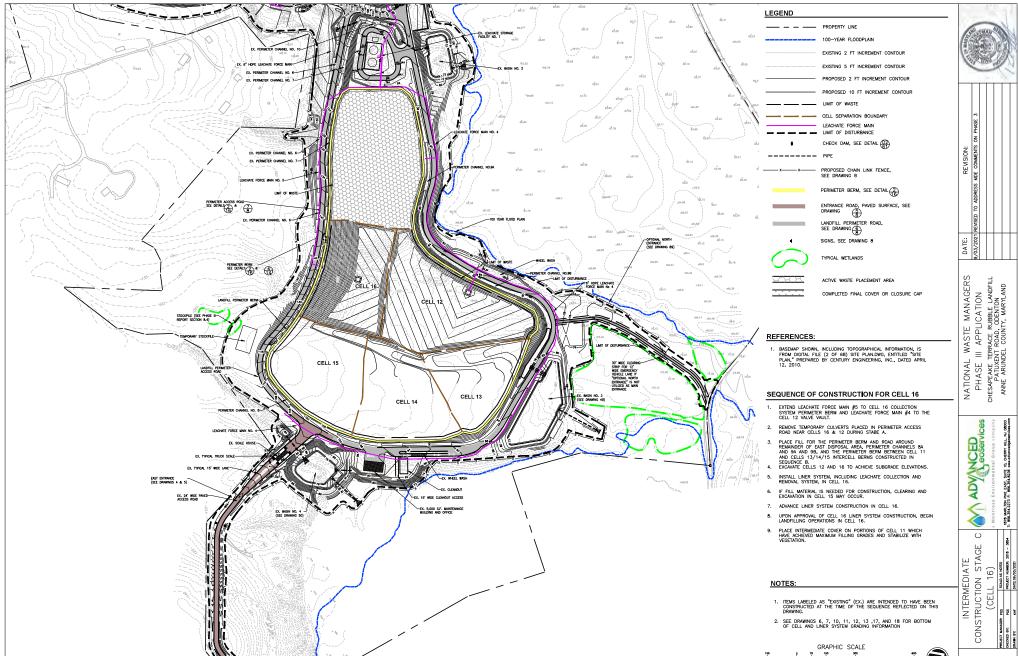
GENERAL NOTES
FOR CONSTRUCTION
SOLUTION SOLUTION
SOLUTION SOLUTION
SOLUTION SOLUTION SOLUTION
SOLUTION E AND NOTES

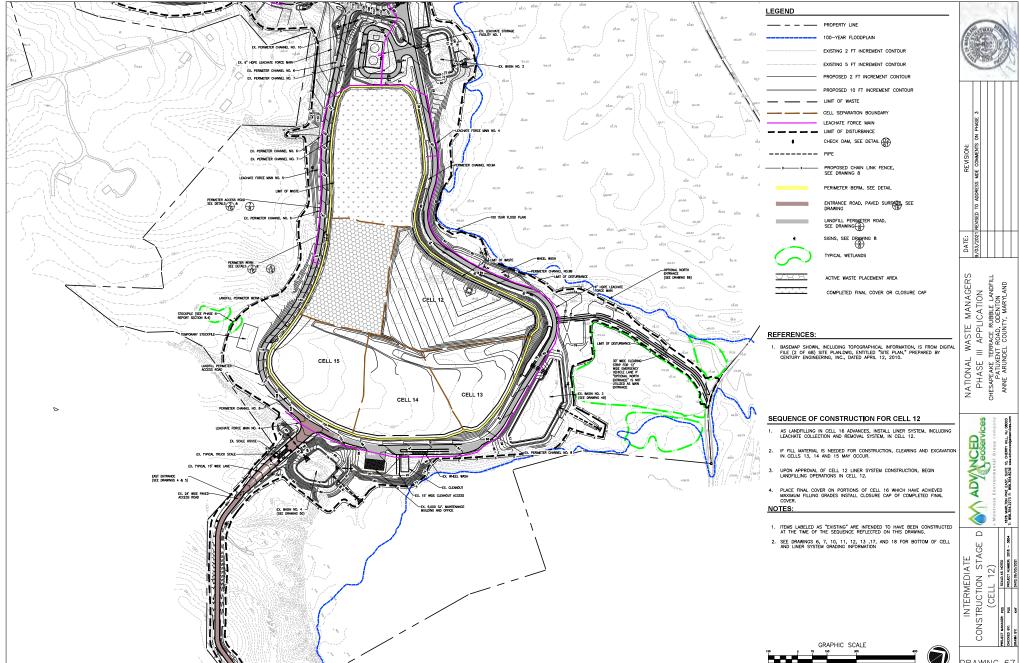
FOR C

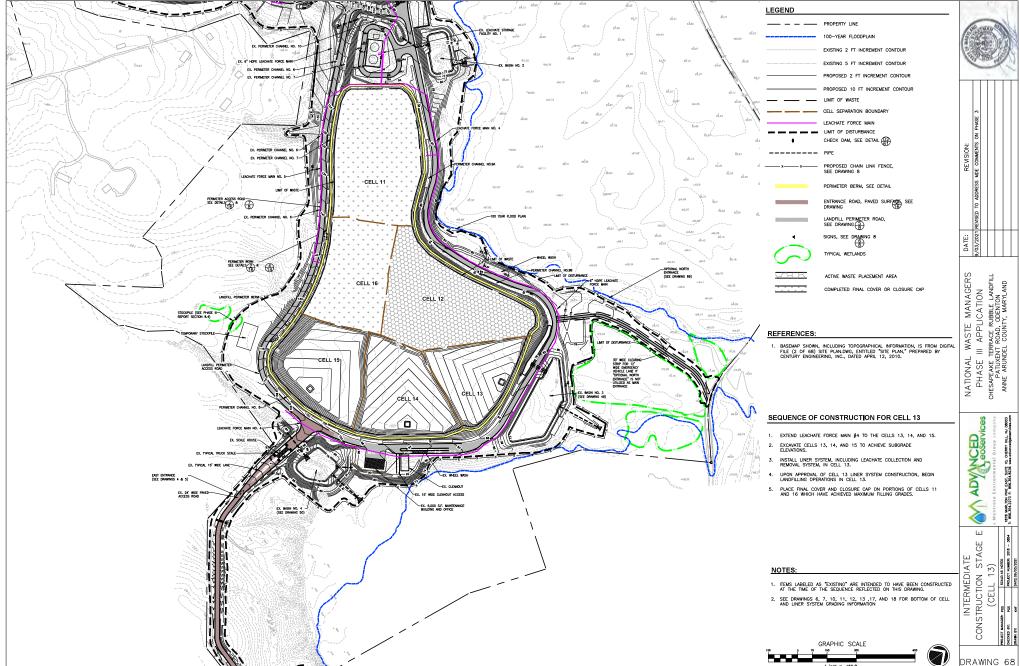


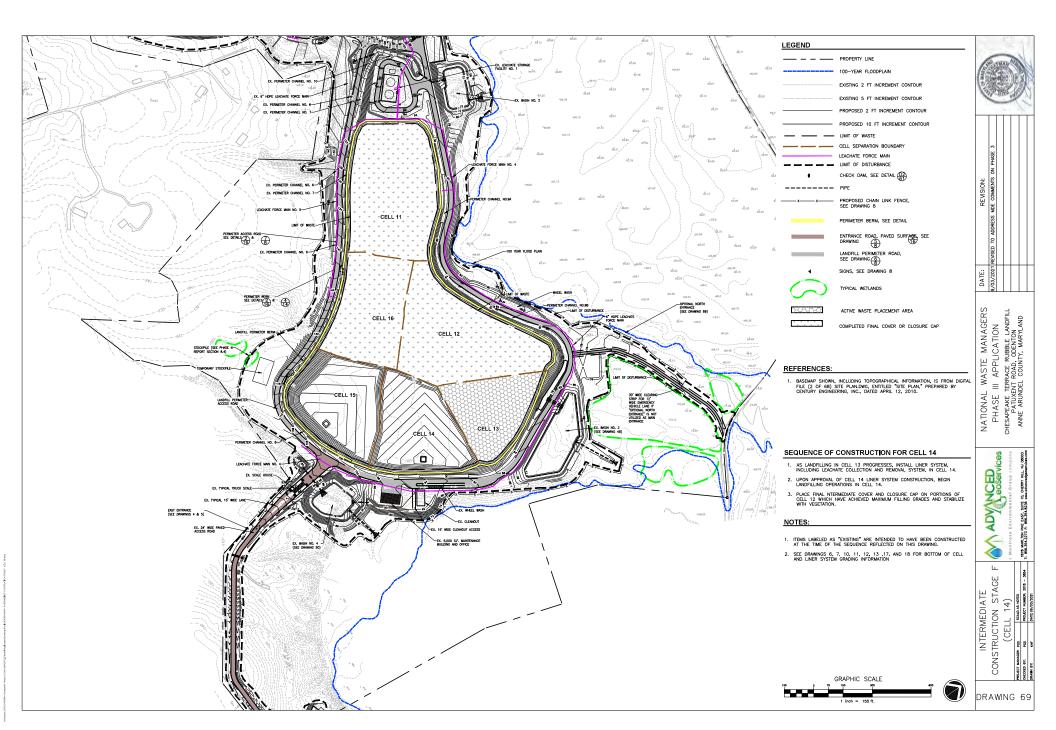
9. SEE DRAWINGS 6, 7, 10, 11, 12, 13, 17, AND 18 FOR BOTTOM OF CELL DRAWING 64 AND LINER SYSTEM GRADING INFORMATION.

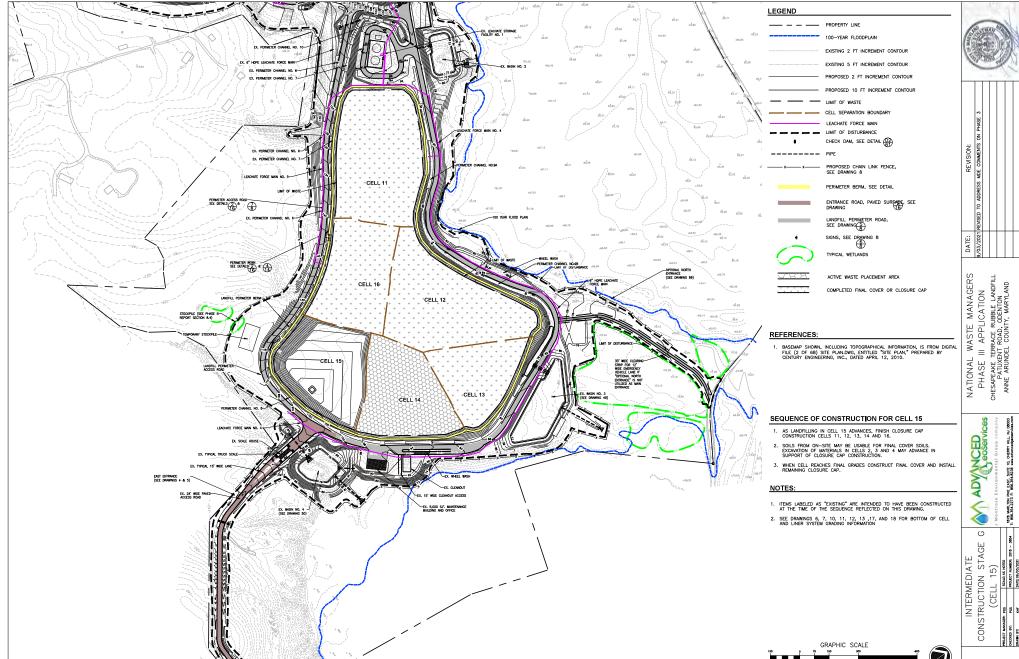


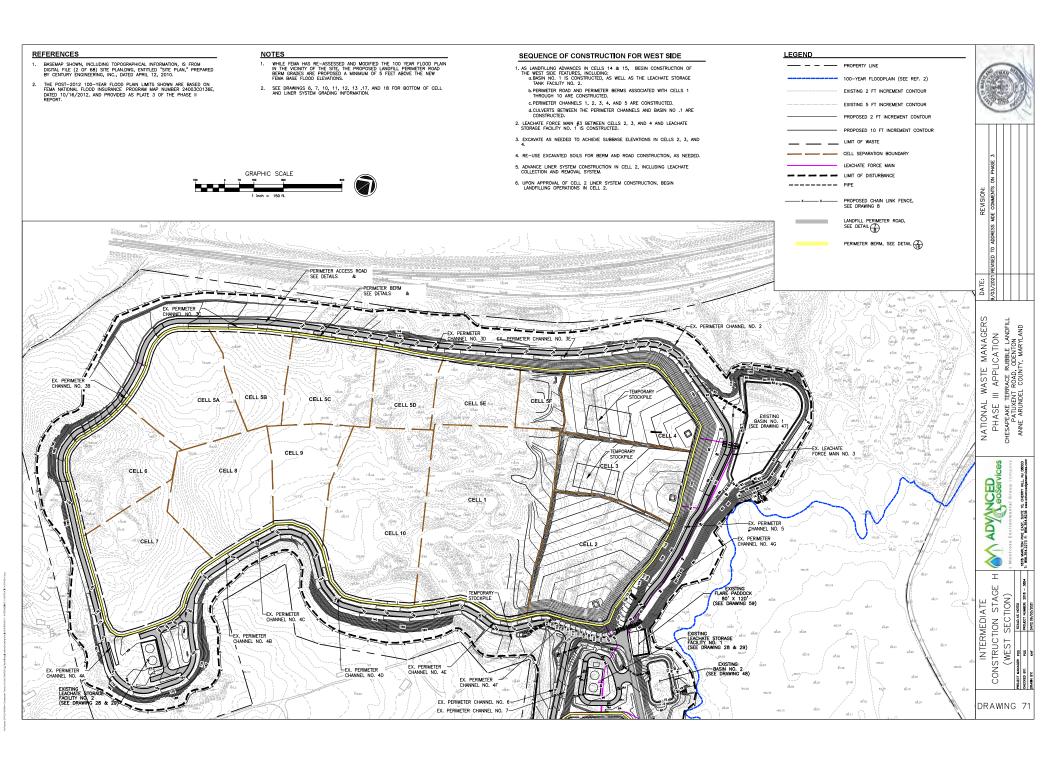


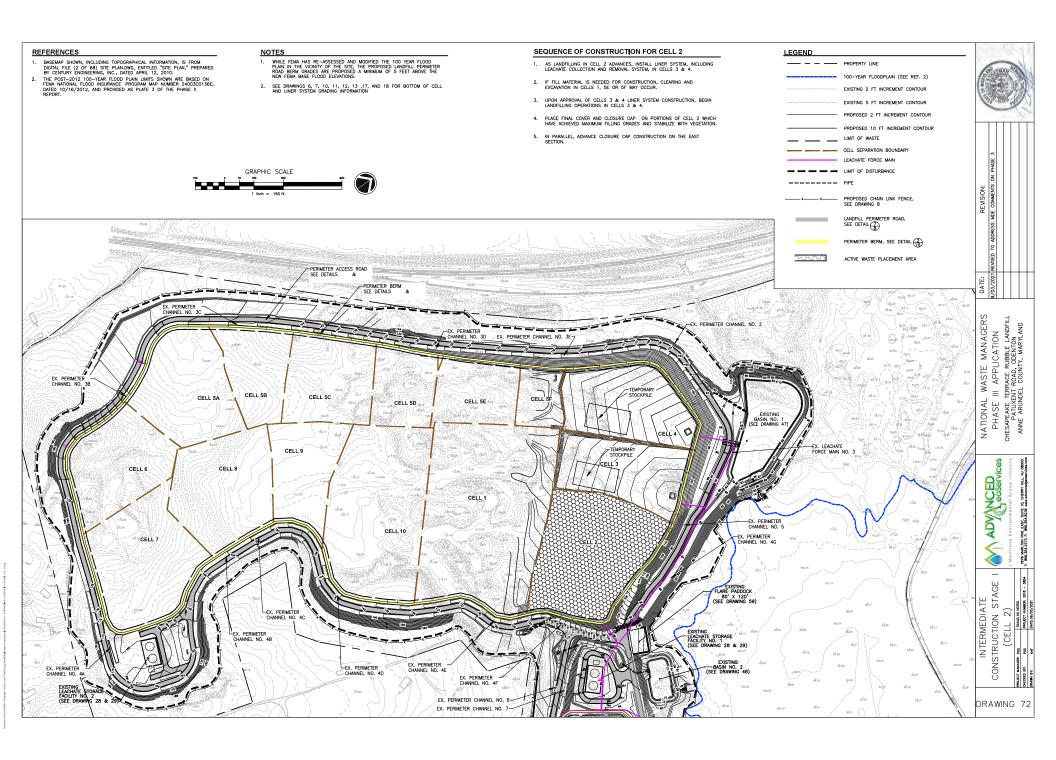


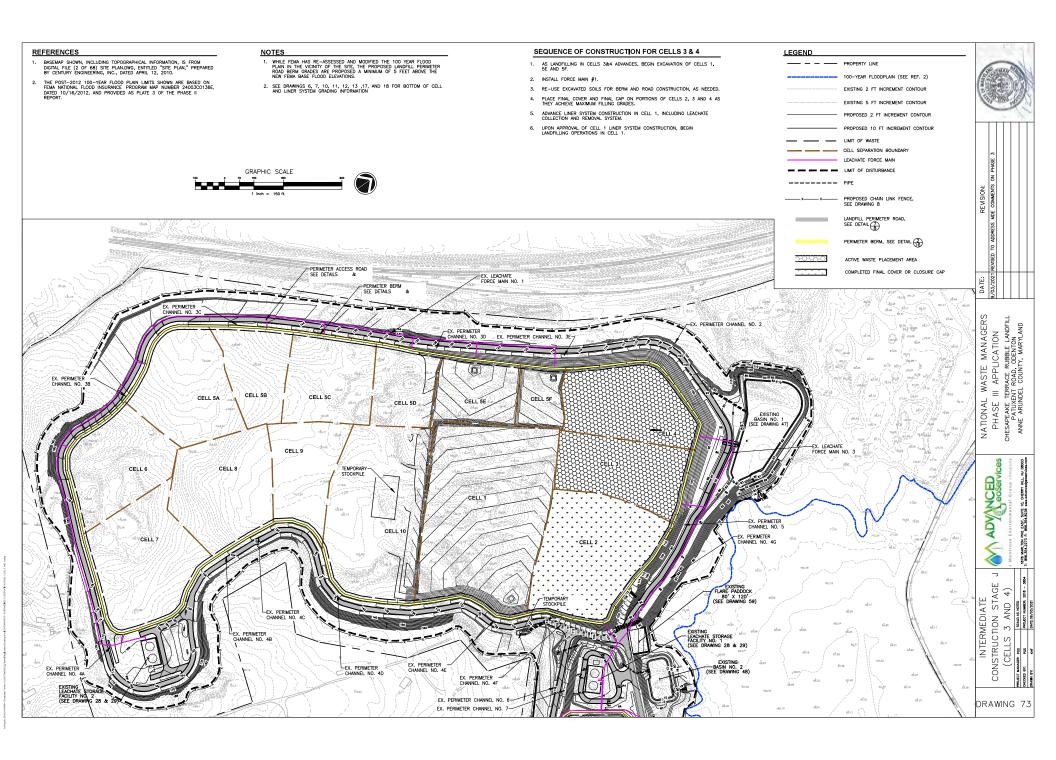


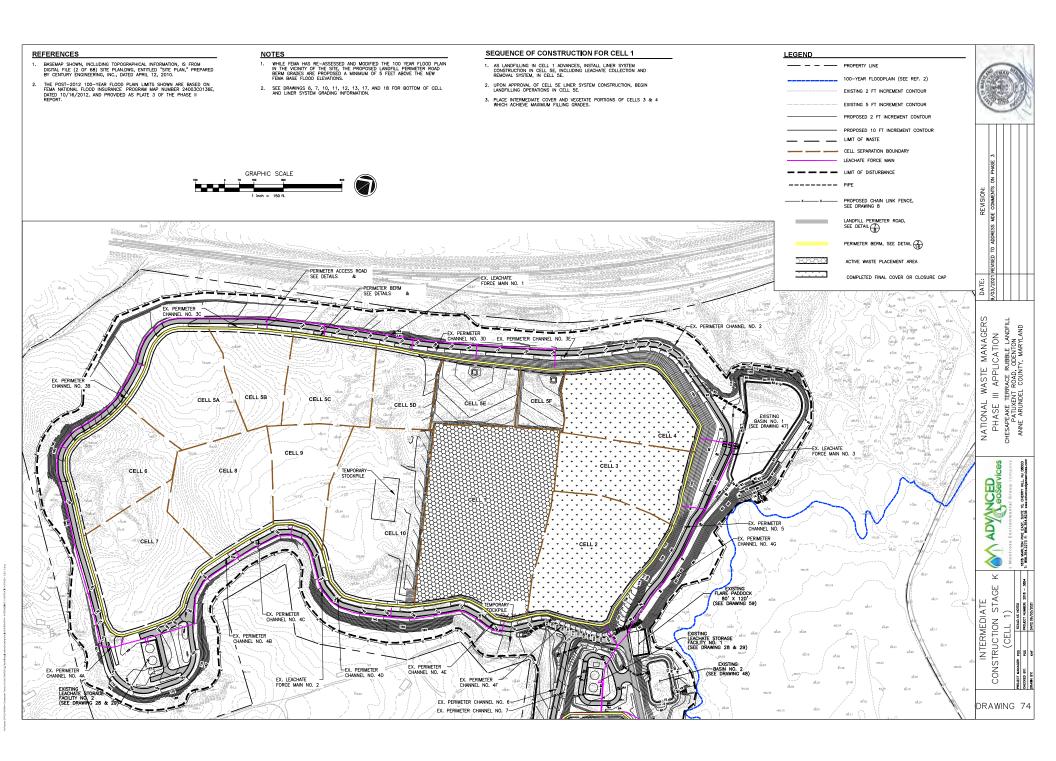


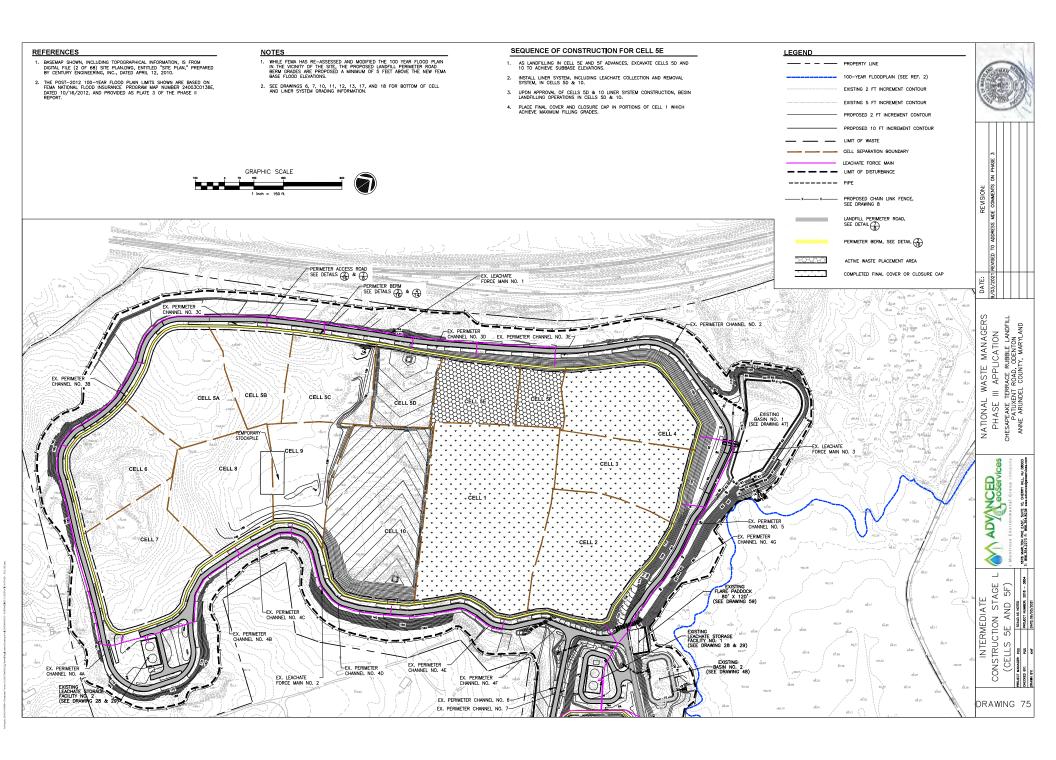


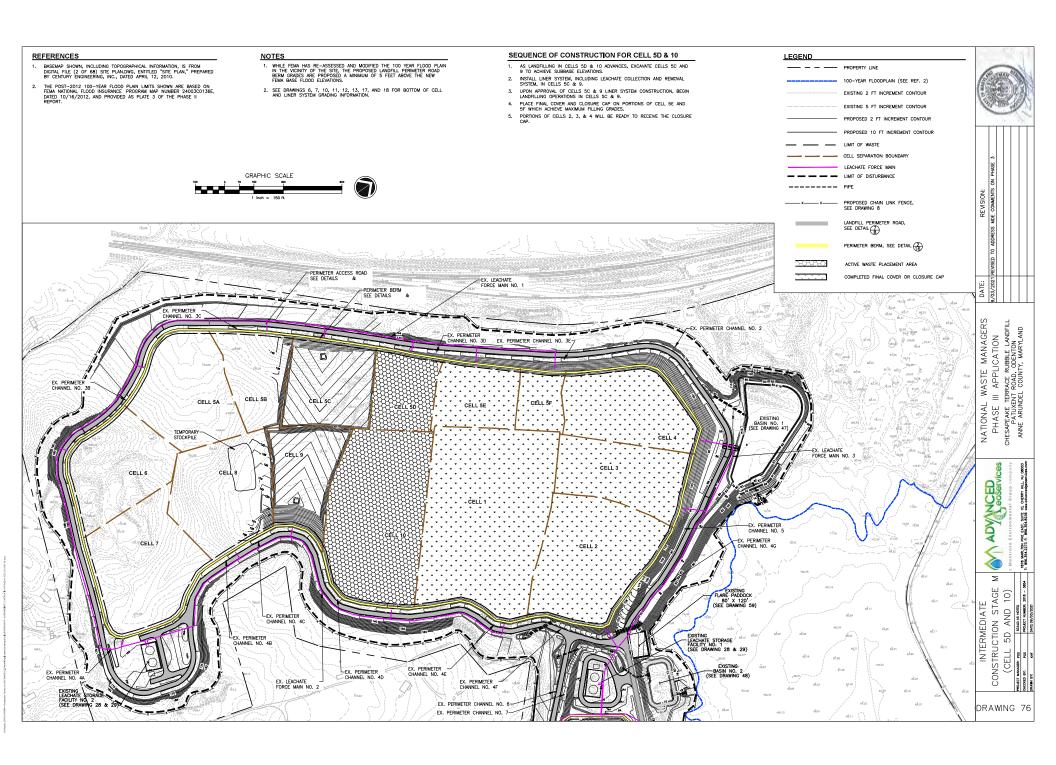


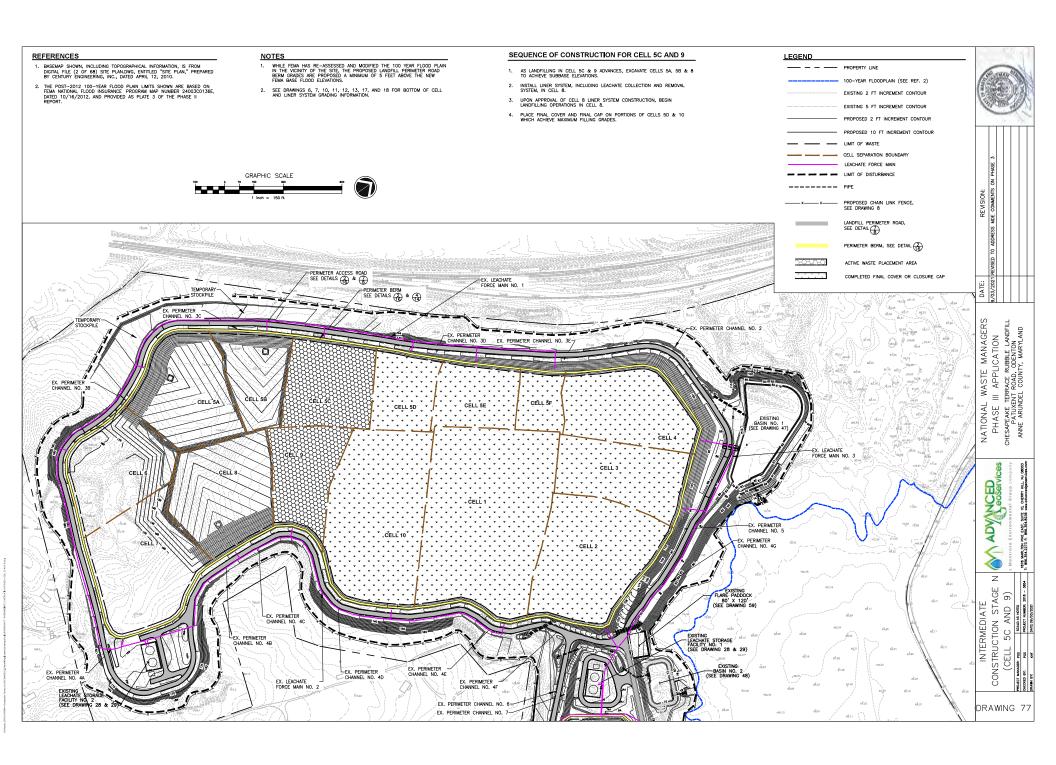


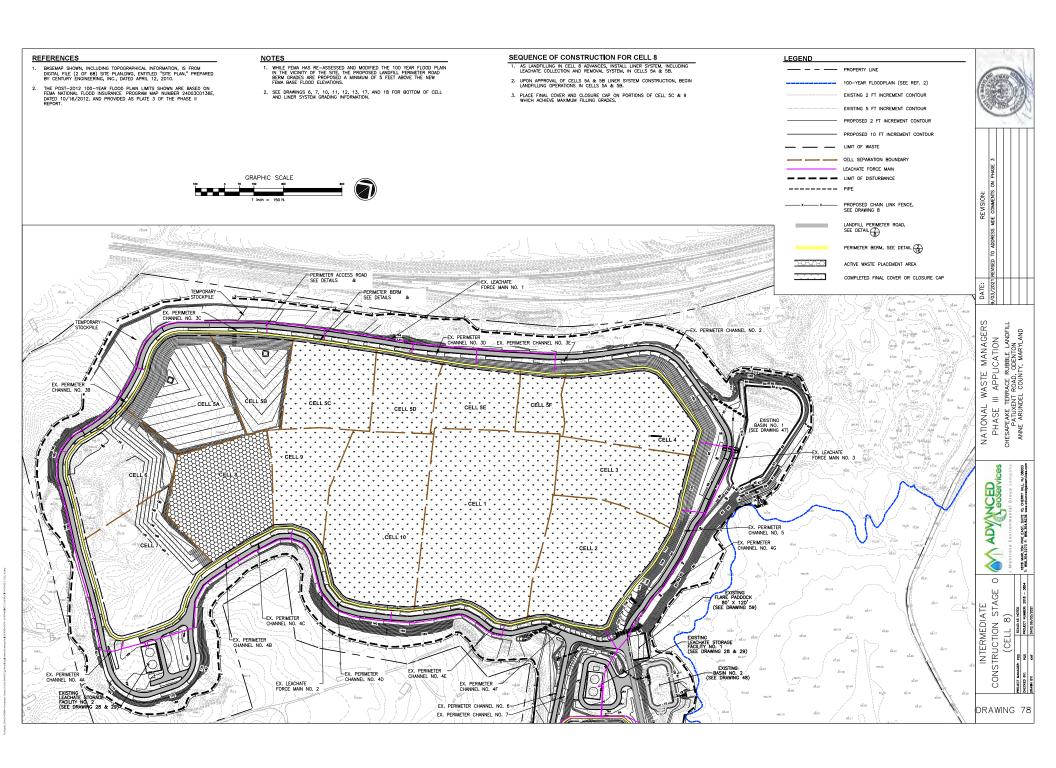


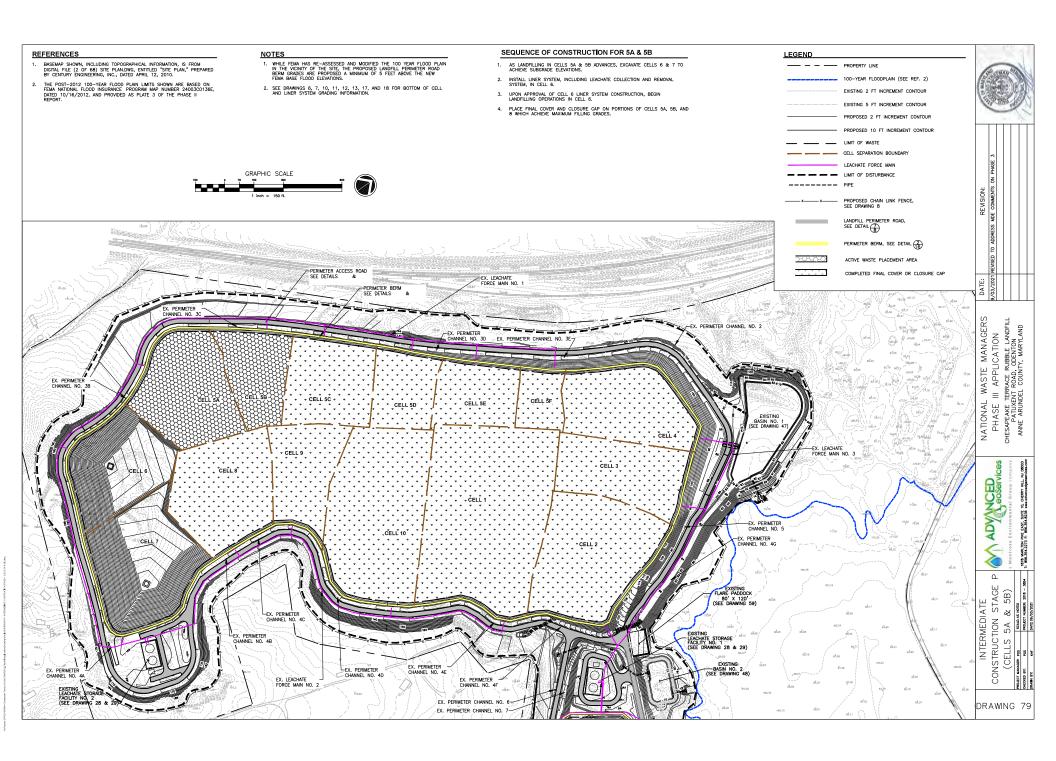


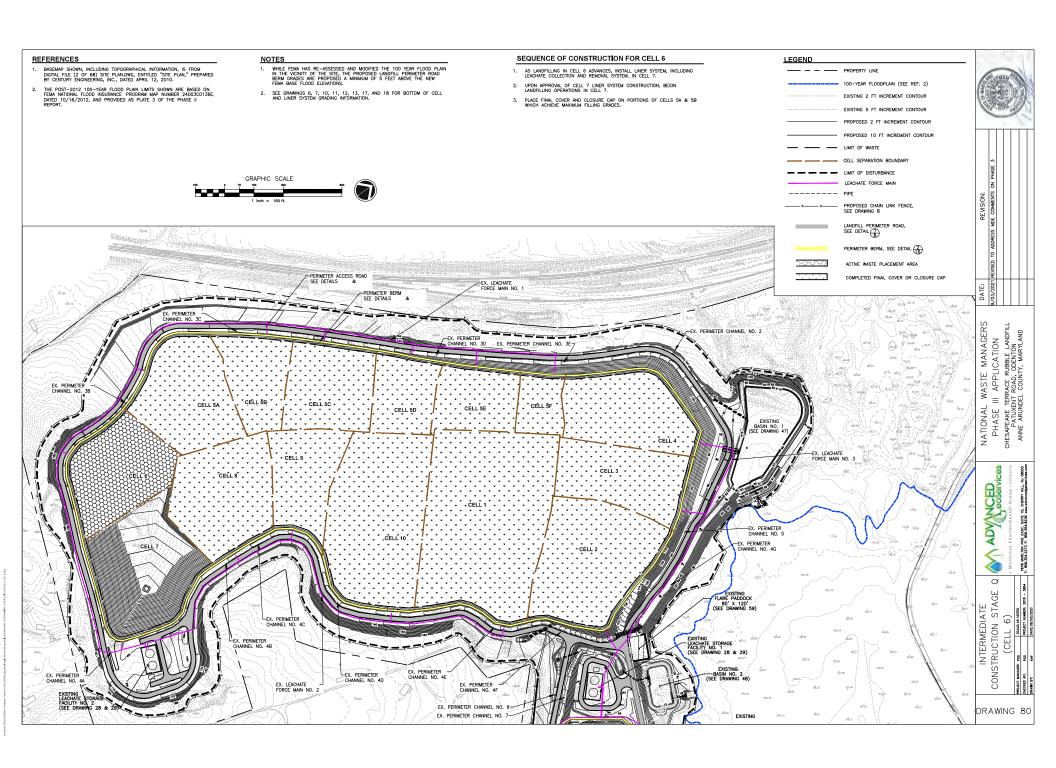


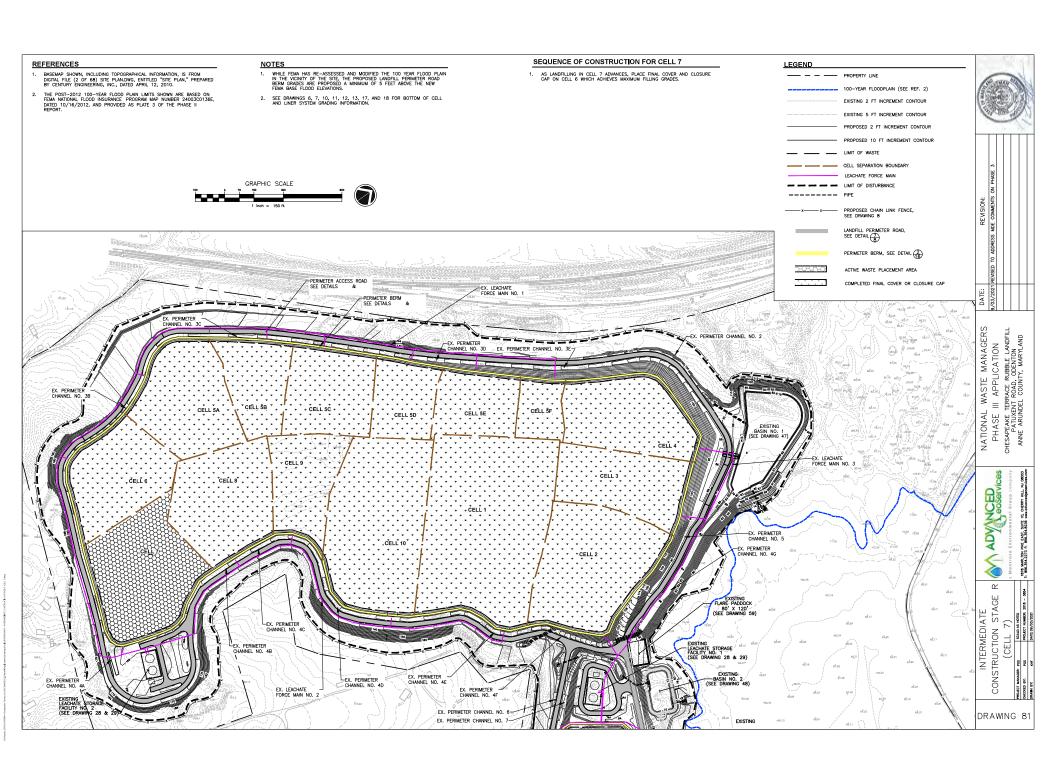


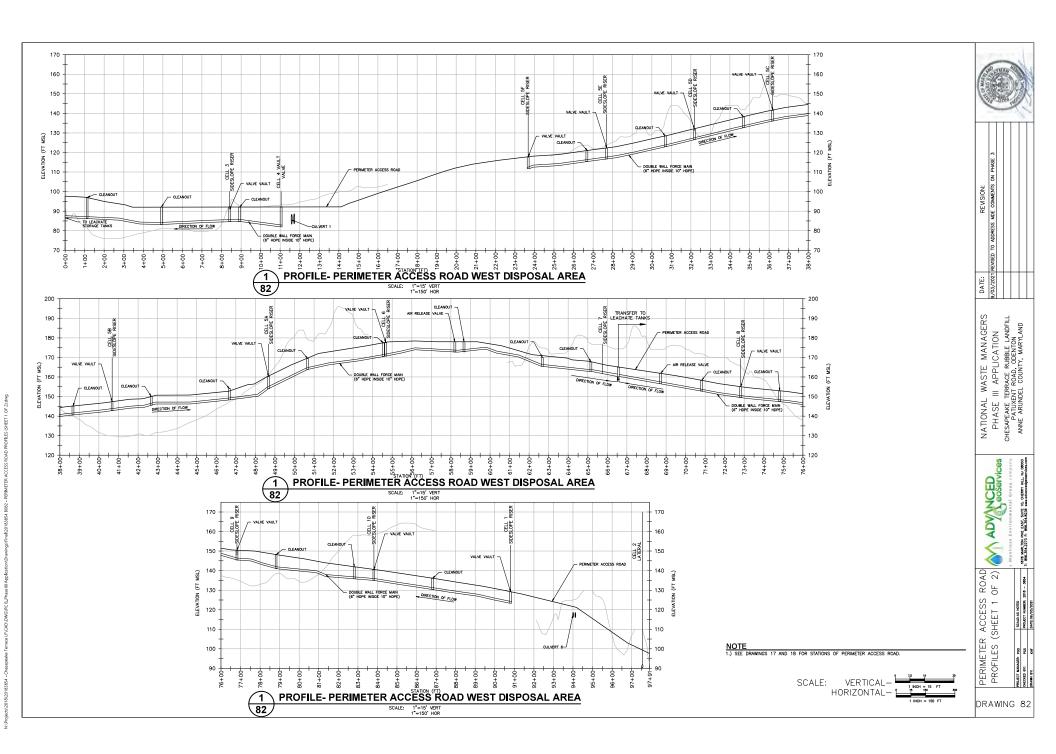












REVISION: 1 REVISED TO ADDRESS MDE COMMENTS ON PHASE 3

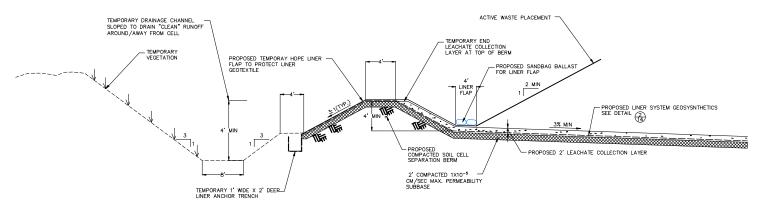
NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAKE TERRACE RUBBLE LANDFILL ANNE ATUVENT ROAD, COENTOW ANNE ARUNDEL ROAD, THE ARUNDEL COUNTY, MARYLAND

PERIMETER ACCESS ROAD
PROFILES (SHEET 2 OF 2) 1678 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 Tr 856.304.2273 Fr 856.304.8236 www.advancedgeogenices.com

DRAWING 83

20 PG #2

SCALE: VERTICAL-HORIZONTAL-



NOTES

- 1. CELL SEPARATION BERM SHALL BE CONSTRUCTED PER DETAIL 5 14
- 2. THIS TYPICAL CONFIGURATION IS FOR LOCATION WHERE EXTERIOR GRADE IS EQUAL TO OR HIGHER THAN CELL BOTTOM.

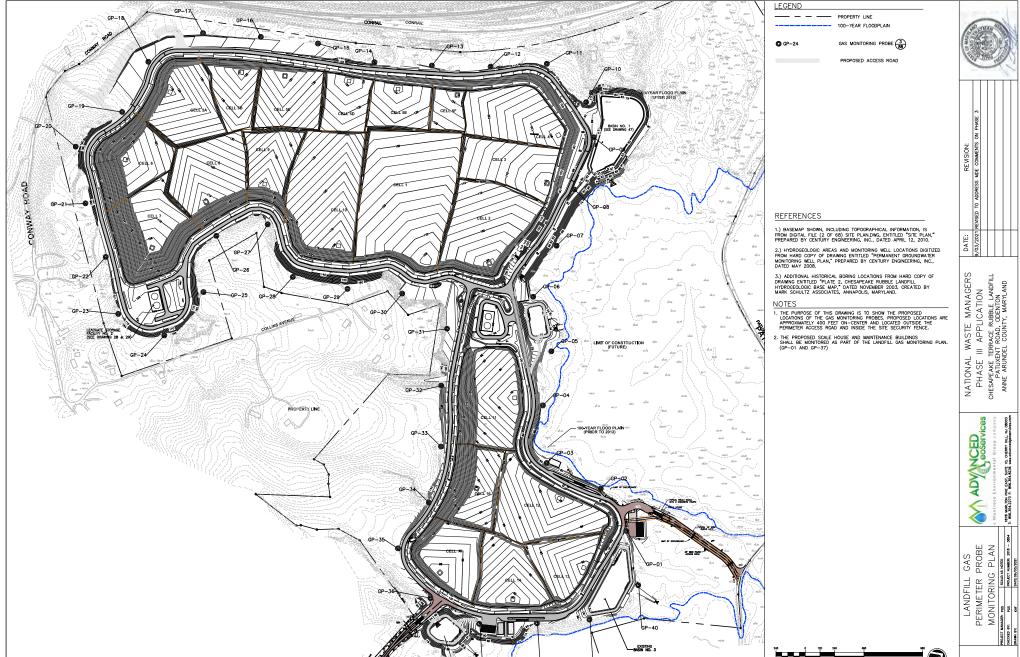




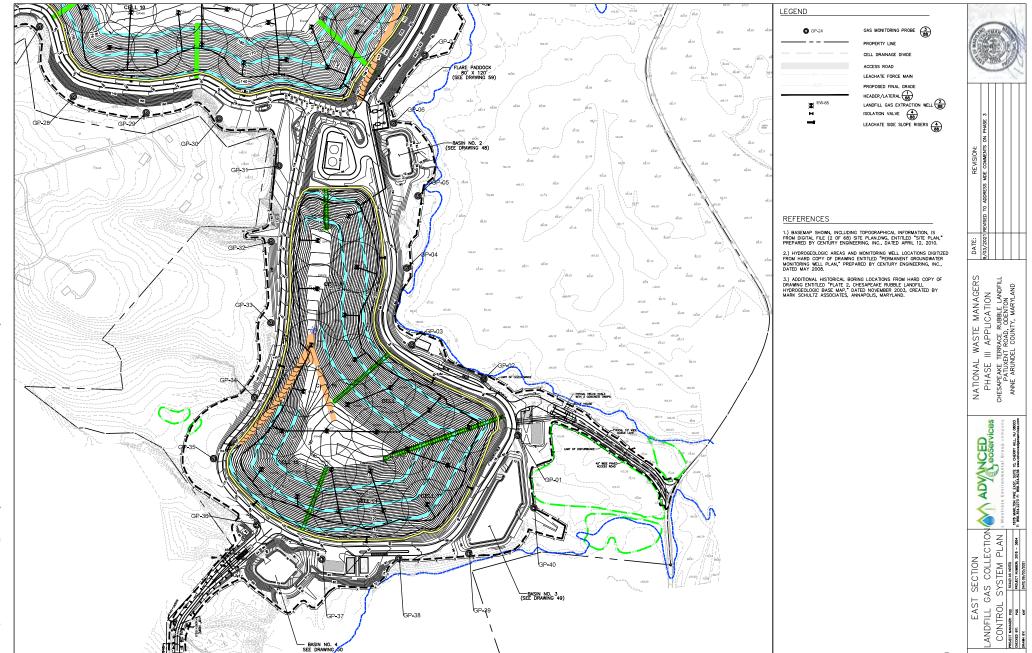
NATIONAL WASTE MANAGERS PHASE III APPLICATION CHESAPEAK TERNOG RUBBLE LANDFILL ANNE ARUNGEL FOOD, DUENTOND ANNE ARUNGEL FOOD IT, MARYLAND

ADVANCED A POSEVICES 1878 MARLTON PIKE EAST, SUITE 10, CHERRY HILL, NJ 08003 T: 856.354.2273 F: 856.354.8236 www.odvancedgeoervices.com

INTERMEDIATE STORWATER SEPARATION

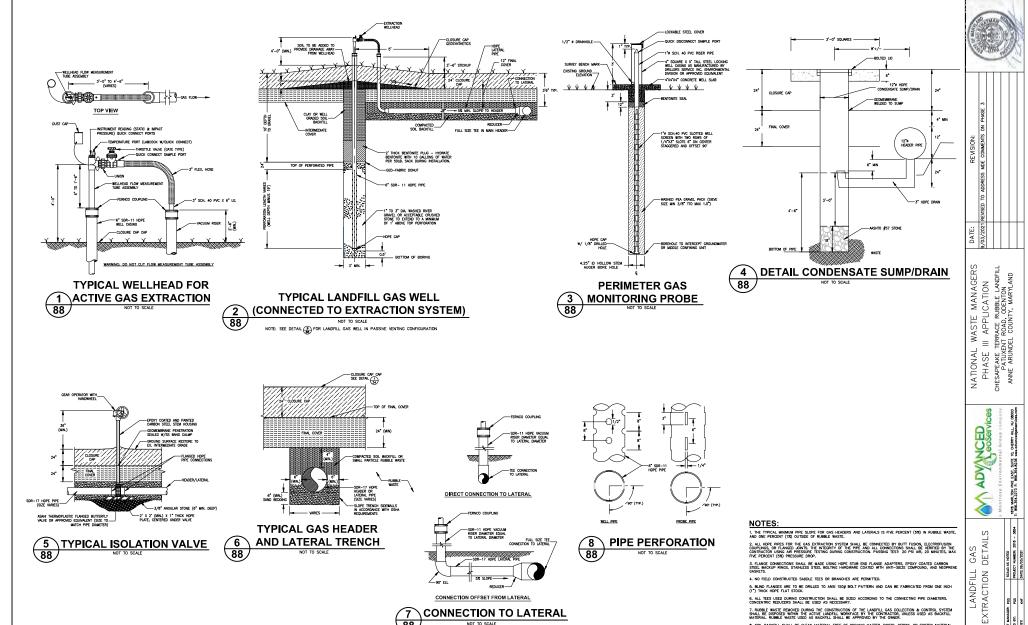






DRAWING 87

Projects/2018/20183854 - Chesapeake Terrace LPCAD/DWGNC B, Phase III Application/Drawings/Enal/20183854 B087 - EAST SECTION LANDFILL GAS COLLECTION CONTROL SYSTE

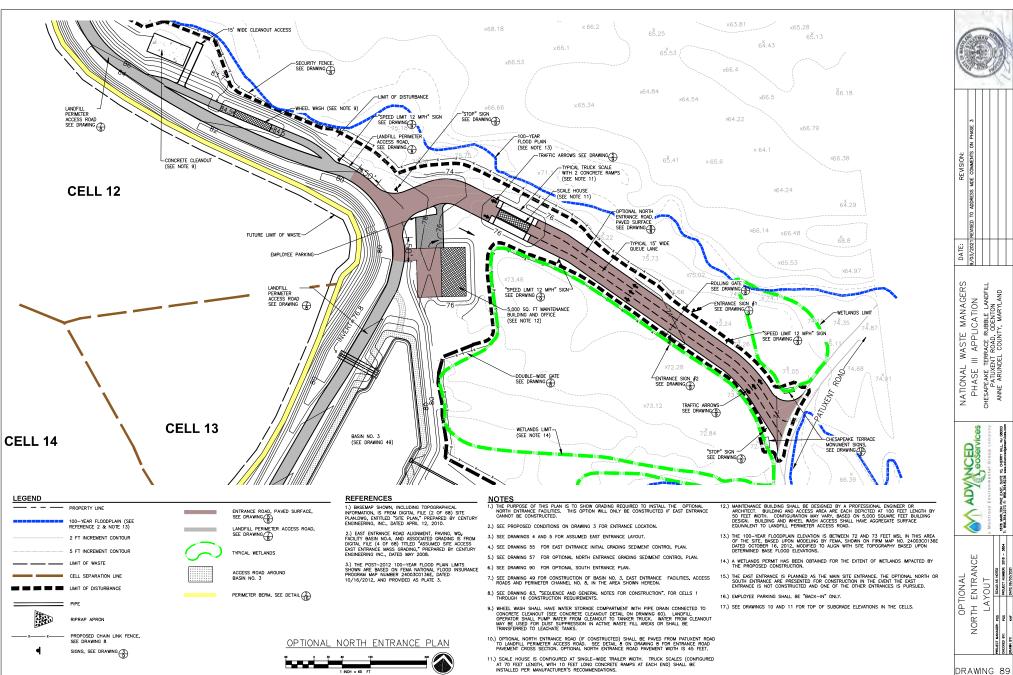


Despote Terror (F/O/O 24/0/EC Chan III Apt intensprate prémi (219/0/E4 1989 - 195

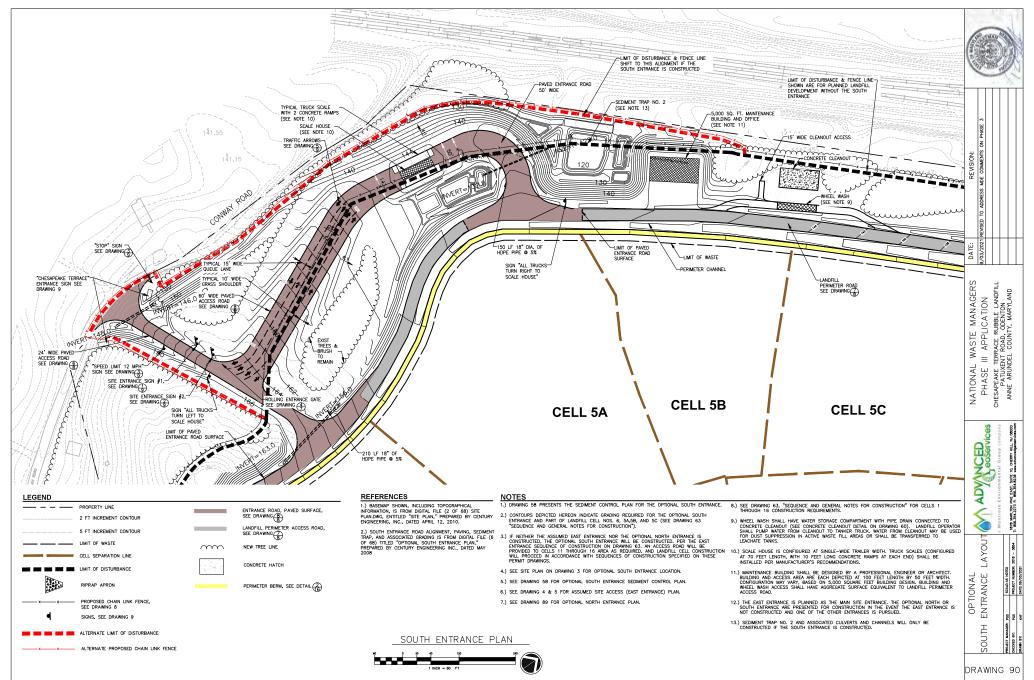
DRAWING 88

11. REFER TO DRAWING 86 & 87 FOR LAND FILL GAS EXTRACTION WELL AND LATERAL LAYOUT AND SIZES.

12. REFER TO DRAWING 85 FOR LANDFILL GAS MONITORING PROBE LOCATIONS.



8 2018 -



864 - Demparke Terroc D'ADD BWORD (L'Oran III AgListeosi Drama prima (20100) 1900 - OFT DAN, 500