NM1 - \_\_\_35\_\_\_\_

# CONSTRUCTION PLANS

Cell Unit IIB-C

#### Jones, Brad, EMNRD

From: Keith Gordon, PE <wbcsw@aol.com>
Sent: Wednesday, April 3, 2024 3:29 PM

**To:** Jones, Brad, EMNRD

**Cc:** Stephanie Grantham; Joe Ontiveros; Jonathan Queen; Clay Kilmer

**Subject:** [EXTERNAL] Lea Land LLC Surface Waste Management Facility, Unit IIB-C Construction

**Plans** 

**Attachments:** 2024-04-02 Unit IIB-C Issued for Construction Plans .pdf

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

#### Good Afternoon Brad,

As referenced in our "Notice of Cell Construction" transmittal to you (03/11/2024), and in compliance with "Condition M" of the Permit, we are herein transmitting the Construction Plans for Units IIB and IIC at the Lea Land Surface Waste Management Facility [Permit No. NM-1-0035]. Cell Construction (i.e., liner installation) will commence in approximately 60-days. The "Technical Specifications" (i.e., CQA Plan) used for this construction project are those previously submitted with the original 2020 Permit Application.

We appreciate your ongoing review and input on the Lea Land Surface Waste Management Facility project. Please let us know if we can address and questions and comments; or provide hard copies of the attached.

#### Regards,

I. Keith Gordon, PE IKG, LLC 505.301.2026

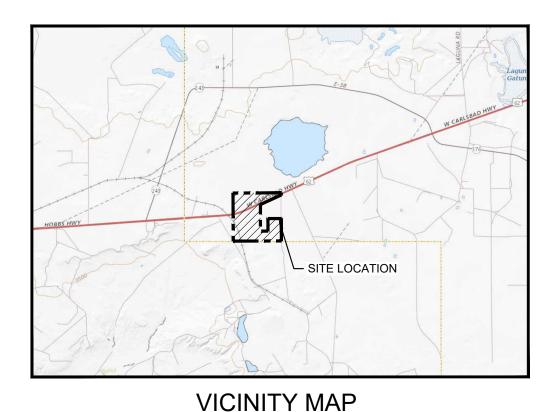


## **UNIT IIB-C CONSTRUCTION PLANS** LEA LAND LANDFILL

### **LEA COUNTY, NEW MEXICO**

**APRIL 2024** 

#### INDEX TO DRAWINGS



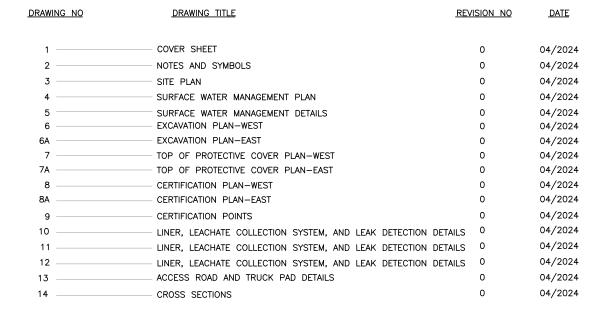
PREPARED FOR

LEA LAND, LLC

PREPARED BY



6420 SOUTHWEST BLVD., SUITE 206 FORT WORTH, TEXAS 76109 (817) 735-9770 (817) 735-9775 (FAX)





**ISSUED FOR CONSTRUCTION** 

# 21.55:10 PM

#### **GENERAL NOTES:**

- 1. ALL WORK AND MATERIALS UNDER THIS CONTRACT SHALL BE PERFORMED IN ACCORDANCE WITH THE BID PACKAGE IN THE EVENT OF A CONFLICT WITH THE PLANS AND PROJECT SPECIFICATIONS. THE SPECIFICATIONS SHALL GOVERN
- 2. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES HAVE NOT BEEN LOCATED BY THE OWNER OR HIS REPRESENTATIVES. THE CONTRACTOR SHALL IDENTIFY AND LOCATE UTILITY LINES, MONITORING WELLS, GAS PROBES, SURVEY MONUMENTS, AND OTHER NEARBY STRUCTURES PRIOR TO PERFORMING WORK. UTILITIES, MONITORING WELLS, GAS PROBES, SURVEY MONUMENTS AND OTHER NEARBY STRUCTURES SHALL BE PROTECTED FROM DAMAGE DURING THIS WORK. ANY DAMAGE TO UTILITY LINES, MONITORING WELLS, GAS PROBES, SURVEY MONUMENTS, AND OTHER NEARBY STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER COSTS ASSOCIATED WITH THESE REPAIRS SHALL INCLUDE THE ACTUAL REPAIR COSTS AND ALL ENGINEERING COSTS REQUIRED BY THE ENGINEER TO COORDINATE AND
- 3. THE HORIZONTAL AND VERTICAL CONTROLS FOR THE PROJECT WILL BE ESTABLISHED FROM THE PERMANENT CONTROL MONUMENT. THE COORDINATE SYSTEM IS BASED ON LOCAL SURVEY. THE PERMANENT BENCHMARK INFORMATION IS PROVIDED ON DRAWING 3. THE CONTRACTOR SHALL IDENTIFY ANY DISCREPANCIES PRIOR TO PROCEEDING WITH
- 4. EXISTING CONTOURS AND ELEVATIONS PROVIDED BY PETTIGREW & ASSOCIATES P.A. FROM AERIAL PHOTOGRAPHY, DATED 12-06-2023. REMAINING CONTOURS OUTSIDE THE PROJECT AREA WERE PROVIDED BY PARKHILL, SMITH & COOPER (PSC) COMPILED FROM AERIAL PHOTOGRAPHY FLOWN APRIL 2018. CURRENT GROUND ELEVATIONS MAY VARY FROM THOSE SHOWN DUE TO SITE WORK THAT HAS BEEN SINCE THE AERIAL WAS FLOWN. THE CONTRACTOR SHALL VERIFY EXISTING CONTOURS PRIOR TO THE START OF EARTHWORK.
- 5. DAILY LANDFILLING OPERATIONS WILL BE ONGOING ADJACENT TO THE PROPOSED CONSTRUCTION AREAS. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE LANDFILL MANAGER, SO AS NOT TO INTERFERE WITH DAILY OPERATIONS.
- 6. CONTRACTOR SHALL SUBMIT A SCHEDULE TO THE OWNER FOR REVIEW AND APPROVAL 72
  HOURS PRIOR TO CONDUCTING OPERATIONS THAT MAY AFFECT OPERATION OF LANDFILL ACCESS ROAD.
- 7. EXCAVATION BY "BLASTING," UNDER ANY CIRCUMSTANCES IS NOT ALLOWED ON THIS PROJECT.
- 8. GROUNDWATER AT THE SITE WILL VARY DEPENDING UPON RAINFALL AND SUBSURFACE CONDITIONS. GEOTECHNICAL ENGINEERING REPORTS AND GEOLOGICAL STUDIES CONTAINING SOIL AND GROUNDWATER CONDITIONS WILL BE AVAILABLE TO THE CONTRACTOR FOR REVIEW AT THE LANDFILL OFFICE. GROUNDWATER LEVELS SHOWN ON THE LOGS OF BORINGS ARE ONLY AN INDICATION OF GROUNDWATER LEVELS AT THE TIME OF DRILLING THE BORINGS. IT IS ANTICIPATED THAT PERCHED WATER ZONES MAY BE ENCOUNTERED IN CERTAIN AREAS OF OF THE EXCAVATION WORK.
- 9. THE CONTRACTOR WILL REMOVE ALL STORMWATER FROM WITHIN THE UNIT EXCAVATION AREA PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PROVIDE FOR THE REMOVAL OF ALL STORMWATER AND GROUNDWATER ENCOUNTERED DURING THE CONSTRUCTION PERIOD AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 10. THE BOTTOM OF EXCAVATION SHALL BE PREPARED IN ACCORDANCE WITH THE LINER CONSTRUCTION QUALITY ASSURANCE (CQA) PLAN.
- 11. TEMPORARY CONSTRUCTION SLOPES SHALL NOT BE STEEPER THAN 2H:1V UNLESS OTHERWISE DIRECTED BY THE OWNER
- FINISHED GROUND ELEVATIONS SHALL MATCH EXISTING GROUND ELEVATIONS EXCEPT AS SHOWN ON THE PLANS. ALL EXCESS SOIL FROM EXCAVATION AND GRADING SHALL BE PLACED IN STOCKPILE AREAS OR OFF-SITE AREAS AS DESIGNATED BY OWNER. TRANSPORT OF SOIL TO STOCKPILE AREAS SHALL BE CONDUCTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER. IF WASTE IS ENCOUNTERED IN EXCAVATION, THE OWNER SHALL BE NOTIFIED AND THE CONTRACTOR WILL PLACE WASTE IN ROLL-OFF CONTAINERS PROVIDED BY THE OWNER OR TRANSPORT THE WASTE TO THE LANDFILL
- 13. GEOTECHNICAL INVESTIGATION REPORTS FOR THE SITE ARE AVAILABLE FOR REVIEW AT THE LANDFILL OFFICE. THE CONTRACTOR MAY PERFORM ADDITIONAL GEOTECHNICAL INVESTIGATIONS. THERE SHALL NOT BE ADDITIONAL PAYMENT TO THE CONTRACTOR FOR ADDITIONAL GEOTECHNICAL INVESTIGATIONS.
- 14. CONTRACTOR SHALL REMOVE ALL VEGETATION WITHIN THE CONSTRUCTION LIMITS AS REQUIRED TO CONSTRUCT THIS PROJECT. ALL VEGETATION MAY BE DISPOSED ONSITE AS DIRECTED BY THE OWNER.
- THE CONTRACTOR SHALL CONSTRUCT DIVERSION DITCHES, STRAW BALES OR DIKES AS NECESSARY TO PROTECT THE NEW EXCAVATED SECTION FROM SURFACE WATER INTRUSION. ALL TEMPORARY AND PERMANENT DRAINAGE FEATURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- THE CONTRACTOR SHALL INSTALL AND UPON COMPLETION OF PROJECT REMOVE OR LEAVE IN-PLACE AT DIRECTION OF OWNER TEMPORARY EROSION AND SEDIMENT CONTROLS. SUCH CONTROLS SHALL BE PLACED AT LIMITS OF DISTURBED AREAS, AT TOP OF DITCH BANKS, AND AT INTERMEDIATE LOCATIONS WHERE CONCENTRATED FLOW IS LIKELY.
- THE CONTRACTOR SHALL CONSTRUCT AND UPON COMPLETION OF PROJECT REMOVE OR LEAVE IN PLACE TEMPORARY CONSTRUCTION ACCESS ROADS AT THE DIRECTION OF THE COMPANY. SUCH ROADS SHALL BE LOCATED AS APPROVED BY THE OWNER. DRAINAGE PATTERNS SHALL NOT BE BLOCKED BY ROAD CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF TEMPORARY DRAINAGE STRUCTURES INCLUDING CULVERTS AS NEEDED TO FACILITATE NATURAL DRAINAGE AT NO ADDITIONAL COST TO THE OWNER.

#### STANDARD ABBREVIATIONS

CCL COMPACTED CLAY LINER CL DIA CENTERLINE DIAMETER DWG DRAWING **ELEV** ELEVATION FLOW LINE FML FLEXIBLE MEMBRANE LINER FT GND GROLIND GCL GEOSYNTHETIC CLAY LINER GP HDPE HIGH DENSITY POLYETHYLENE HORIZ HORIZONTAL ID INSIDE DIAMETER IN INCHES LCS LEACHATE COLLECTION SYSTEM LINEAR FEET MAX MAXIMUM MINIMUM MW MONITOR WELL MSL MEAN SEA LEVEL POINT OF INTERSECTION PVI POINT OF VERTICAL INTERSECTION PΖ PIEZOMETER RADIUS QA/QC QUALITY ASSURANCE AND QUALITY CONTROL TEMP TEMPORARY TYP VERT VERTICAL USBR UNITED STATES BUREAU OF RECLAMATION W/

#### SUBGRADE FILL SPECIFICATIONS - MATERIAL PLACED BELOW LINER SYSTEM:

THE SUBGRADE FILL MATERIAL SHOULD BE PLACED IN MAXIMUM 9-INCH-THICK LOOSE LIFTS. THE MATERIAL WILL BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY STANDARD PROCTOR (ASTM D 698) OR 90 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D 1557). SEE SECTION 4 OF THE CQA PLAN.

THE SUBGRADE FILL MUST BE COMPACTED WITH A PAD/TAMPING-FOOT (PREFERABLE) OR PRONG-FOOT (SHEEPFOOT) ROLLER. THE LIFT THICKNESS SHALL BE CONTROLLED SO THAT BONDING IS PROVIDED WITH THE PREVIOUSLY COMPACTED LIFT. THE PAD OR PRONG LENGTH OF THE COMPACTION EQUIPMENT SHALL BE THE PREVIOUSLY COMPACTED LIFT. THE PAD OR PRONG LENGTH OF THE COMPACTION EQUIPMENT SHALL BE 6 INCHES OR LONGER. USE OF PAD/TAMPING FOOT OR PRONG-FOOT ROLLERS WILL PROVIDE SUFFICIENT ROUGHENING OF LIFTS SURFACE FOR BONDING BETWEEN LIFTS. THE EXISTING SOILS SHALL BE PROOF-ROLLED PRIOR TO THE PLACEMENT OF THE FIRST LIFT. ADEQUATE CLEANING DEVICES MUST BE IN PLACE AND MAINTAINED ON THE COMPACTION ROLLER SO THAT PRONG OR PAD FEET DO NOT BECOME CLOGGED WITH CLAY SOILS TO THE POINT THAT THEY CANNOT ACHIEVE FULL PENETRATION DURING INITIAL COMPACTION. THE MINIMUM WEIGHT OF THE COMPACTOR SHOULD BE 40,000 POUNDS, AND THE MINIMUM OF FOUR PASSES ARE RECOMMENDED FOR THE COMPACTION PROCESS. A PASS IS DEFINED AS ONE PASS (1 DIRECTION) OF THE COMPACTOR, NOT JUST AN AXLE, OVER A GIVEN AREA.

#### **COMPACTED FILL REQUIRMENTS:**

THE COMPACTED FILL MATERIAL WILL MEET THE REQUIRED SOIL PROPERTIES FOR SUBGRADE FILL SPECIFICATIONS. THE COMPACTED FILL MATERIAL WILL BE PLACED IN CONTROLLED LIFTS AND COMPACTED BY REASONABLE MEANS TO CREATE A STABLE SURFACE/FILL.

VINCEN

MEX

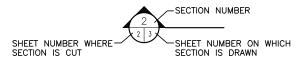
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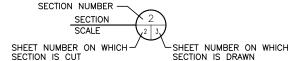
#### **SYMBOLS**

#### SECTION DETAIL INDICATORS

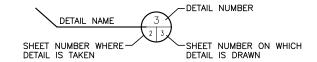
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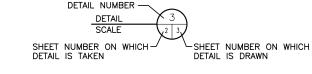
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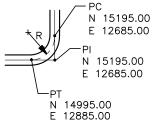


#### DRAWING ON WHICH DETAIL IS INDICATED:



#### DRAWING ON WHICH DETAIL APPEARS:

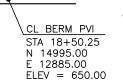




CURVE WITH HORIZONTAL CONTROL:

CURVE RADIUS CALLOUT

BEGINNING OR ENDING CURVE NODE



VERTICAL CONTROL DESIGNATION



SLOPE DESIGNATION (HORIZONTAL: VERTICAL)

SLOPE DESIGNATION

COORDINATE

x 430 ELEVATION, FEET

	DRAFT  ISSUED FOR CONSTRUCTION  FOR BIDDING PURPOSES ONLY			LEA	PREPARED FOR A LAND, LLC	UNIT IIB-C (
	DATE: 04/2024	DRAWN BY: SRF			REVISIONS	
	FILE: 6041-001-11	DESIGN BY: BPY	NO.	DATE	DESCRIPTION	
	CAD: 2-NOTES AND SYMBOLS.DWG	REVIEWED BY: JVQ				LEA
	Waayan Canaulta	anta Craun				LEA CO
Weaver Consultants Group						WWW WCCDD COM
	l <b>//</b>					─ www.wcgrp.com

IIB-C CONSTRUCTION PLANS NOTES AND SYMBOLS

> LEA LAND LANDFILL LEA COUNTY, NEW MEXICO

> > DRAWING 2

0:\6041\01\UNIT IIB-C\03-SITE PLAN.dwg, jwilson, 1::

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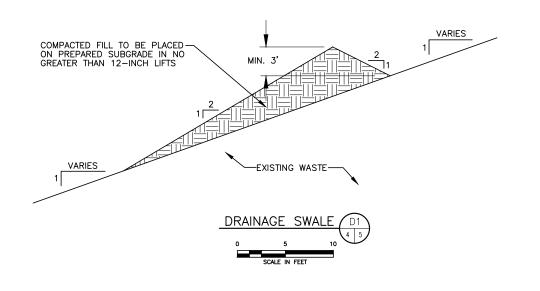
<u>LEGEND</u>

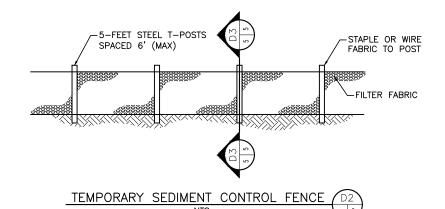
PROPERTY BOUNDARY

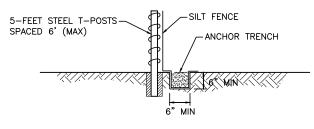
PERMITTED LIMITS OF WASTE

STORMWATER BASINS

(CONTACT WATER)



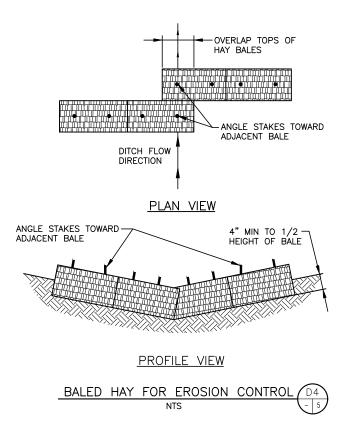


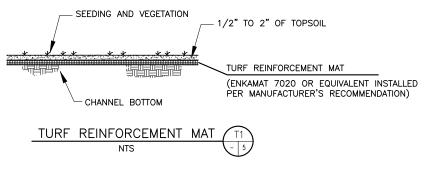


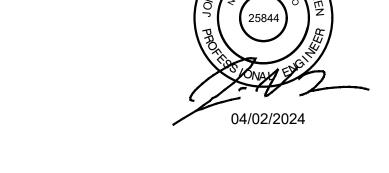
TEMPORARY SEDIMENT CONTROL FENCE (SEE NOTE) D3

NOTE:

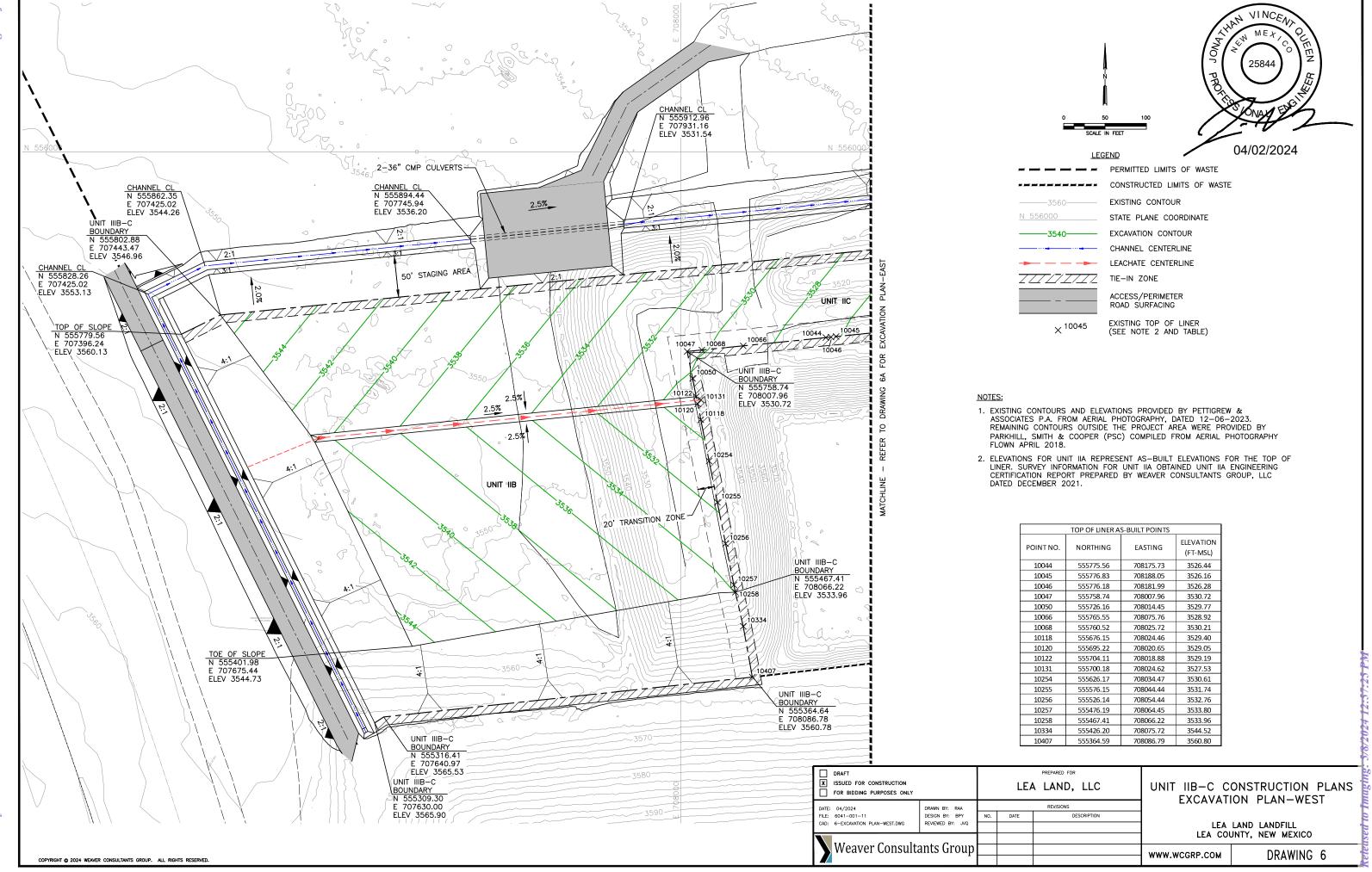
CONTRACTOR TO ENSURE T-POSTS DO NOT PUNCTURE EXISTING LINER SYSTEM.

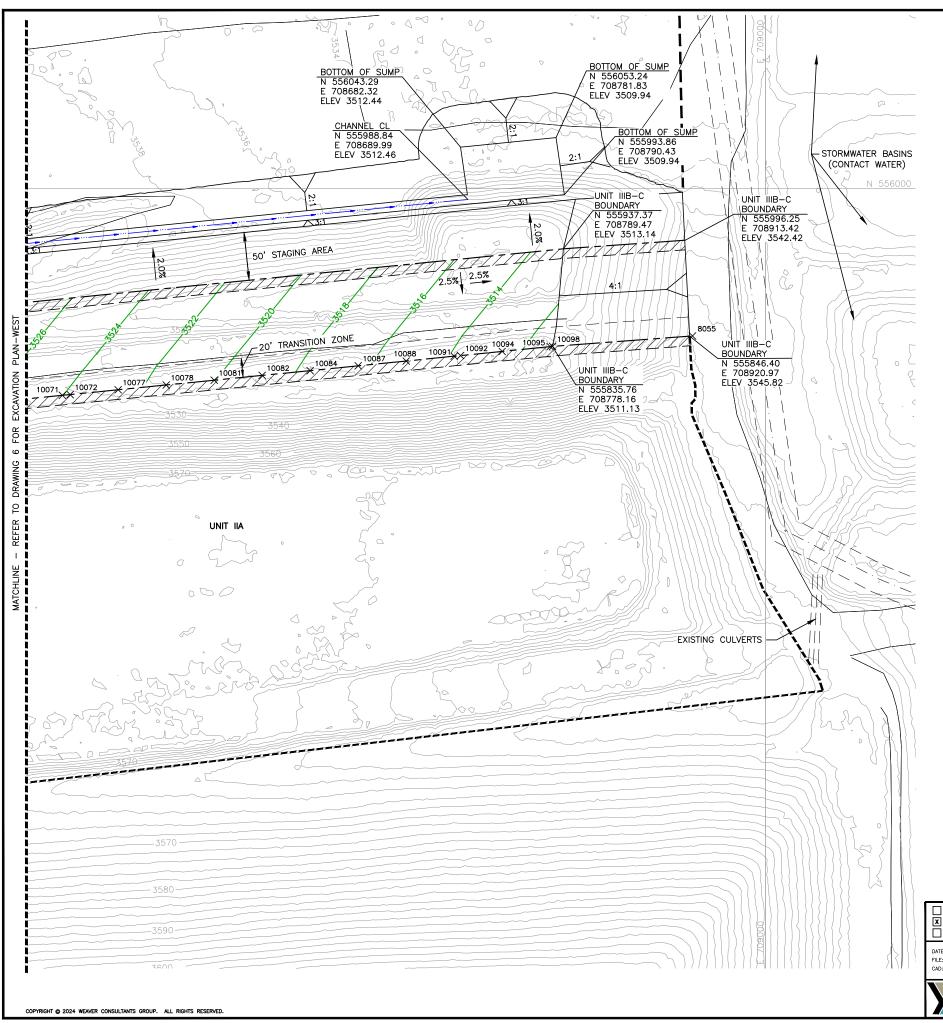


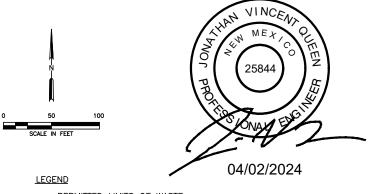




DRAFT  X ISSUED FOR CONSTRUCTION  FOR BIDDING PURPOSES ONLY			LEA	PREPARED FOR A LAND, LLC	UNIT IIB—C CONSTRUCTION PLAN SURFACE WATER MANAGEMENT DETAI	The second secon	
DATE: 04/2024 FILE: 6041-001-11 CAD: 5-SURFACE WATER MGMNT DETAILS.DWG	DRAWN BY: SRF DESIGN BY: CAM REVIEWED BY: JVQ	NO.	DATE	REVISIONS DESCRIPTION	LEA	LAND LANDFILL	
Weaver Consultants Group					WWW.WCGRP.COM	DRAWING	







PERMITTED LIMITS OF WASTE

CONSTRUCTED LIMITS OF WASTE

EXISTING POWERLINE/EASEMENT

-3560—— EXISTING CONTOUR

CHANNEL CENTERLINE

\_ — \_ LEACHATE CENTERLINE

TIE-IN ZONE

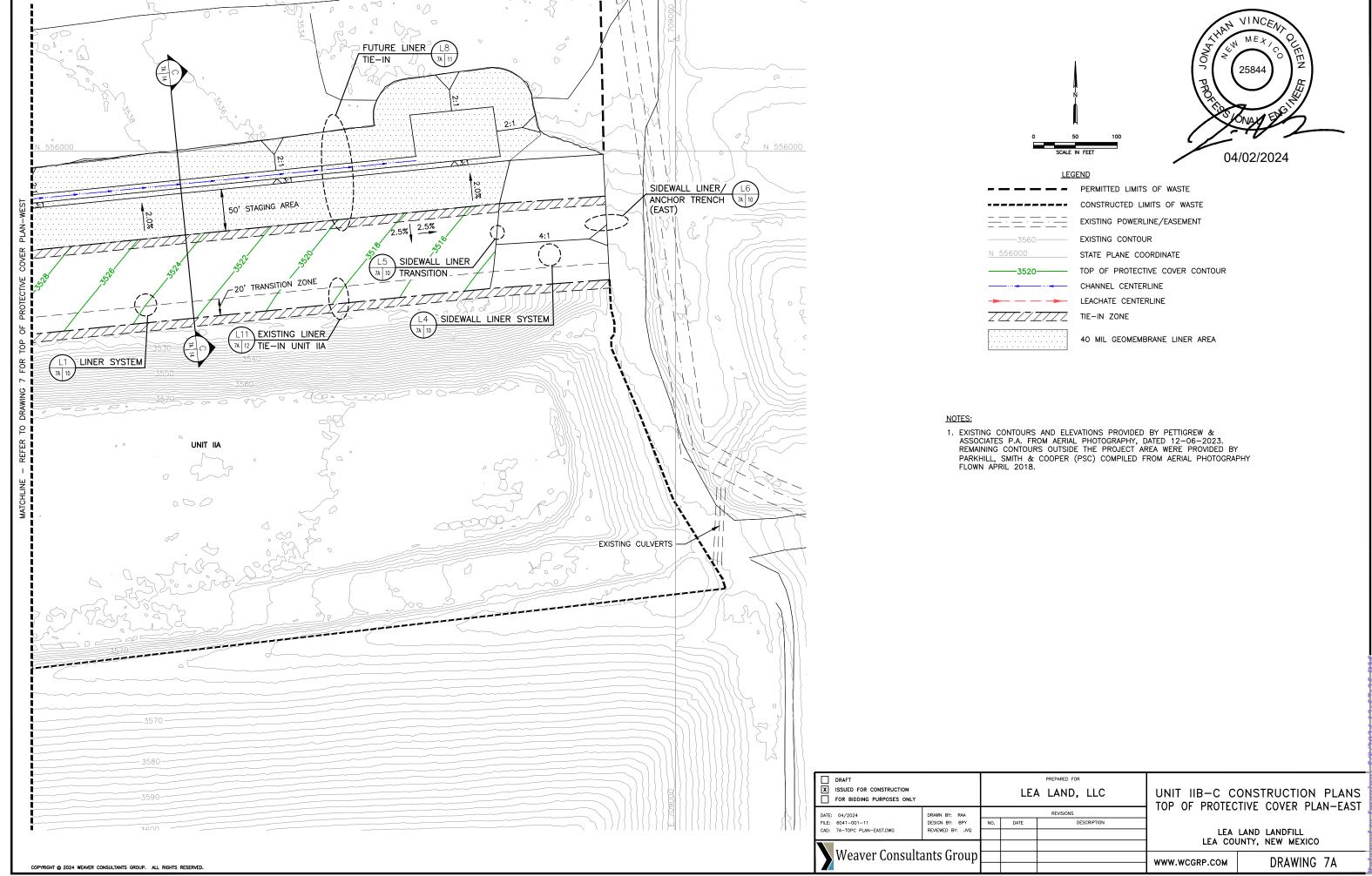
X 10095 EXISTING TOP OF LINER (SEE NOTE 2 AND TABLE)

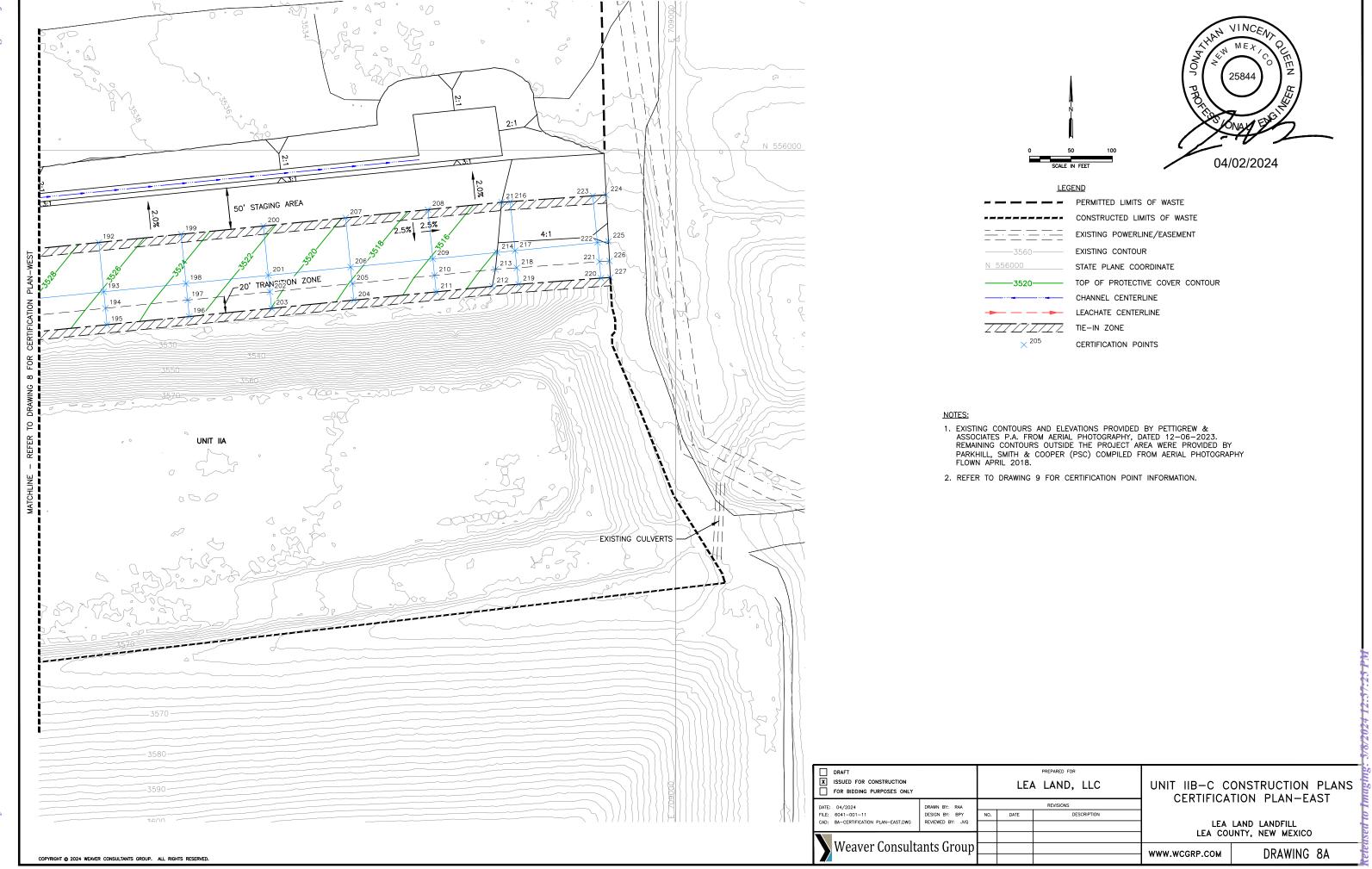
#### NOTES:

- 1. EXISTING CONTOURS AND ELEVATIONS PROVIDED BY PETTIGREW & ASSOCIATES P.A. FROM AERIAL PHOTOGRAPHY, DATED 12-06-2023. REMAINING CONTOURS OUTSIDE THE PROJECT AREA WERE PROVIDED BY PARKHILL, SMITH & COOPER (PSC) COMPILED FROM AERIAL PHOTOGRAPHY FLOWN APRIL 2018.
- 2. ELEVATIONS FOR UNIT IIA REPRESENT AS—BUILT ELEVATIONS FOR THE TOP OF LINER. SURVEY INFORMATION FOR UNIT IIA OBTAINED UNIT IIA ENGINEERING CERTIFICATION REPORT PREPARED BY WEAVER CONSULTANTS GROUP, LLC DATED DECEMBER 2021.

TOP OF LINER AS-BUILT POINTS										
POINT NO.	NORTHING	EASTING	ELEVATION							
			(FT-MSL)							
10071	555784.77	708267.63	3524.01							
10072	555785.54	708275.74	3523.91							
10077	555790.55	708325.68	3522.65							
10078	555795.52	708375.78	3521.39							
10081	555800.51	708425.76	3520.04							
10082	555805.52	708475.69	3518.85							
10084	555810.46	708525.68	3517.63							
10087	555815.51	708575.73	3516.34							
10088	555820.47	708625.73	3515.10							
10091	555825.56	708675.71	3513.86							
10092	555826.15	708682.38	3513.67							
10094	555830.51	708725.72	3512.52							
10095	555835.48	708775.65	3511.31							
10098	555835.76	708778.16	3511.13							
8055	555846.62	708923.93	3546.54							

DRAFT  X ISSUED FOR CONSTRUCTION  FOR BIDDING PURPOSES ONLY			LEA	PREPARED FOR	UNIT IIB—C CONSTRUCTION PLANS EXCAVATION PLAN—EAST		
DATE: 04/2024 FILE: 6041-001-11 CAD: 6A-EXCAVATION PLAN-EAST.DWG	DRAWN BY: RAA DESIGN BY: BPY REVIEWED BY: JVQ	NO.	DATE	REVISIONS DESCRIPTION	LEA LAND LANDFILL		
Weaver Consulta				WWW.WCGRP.COM	DRAWING 6A		





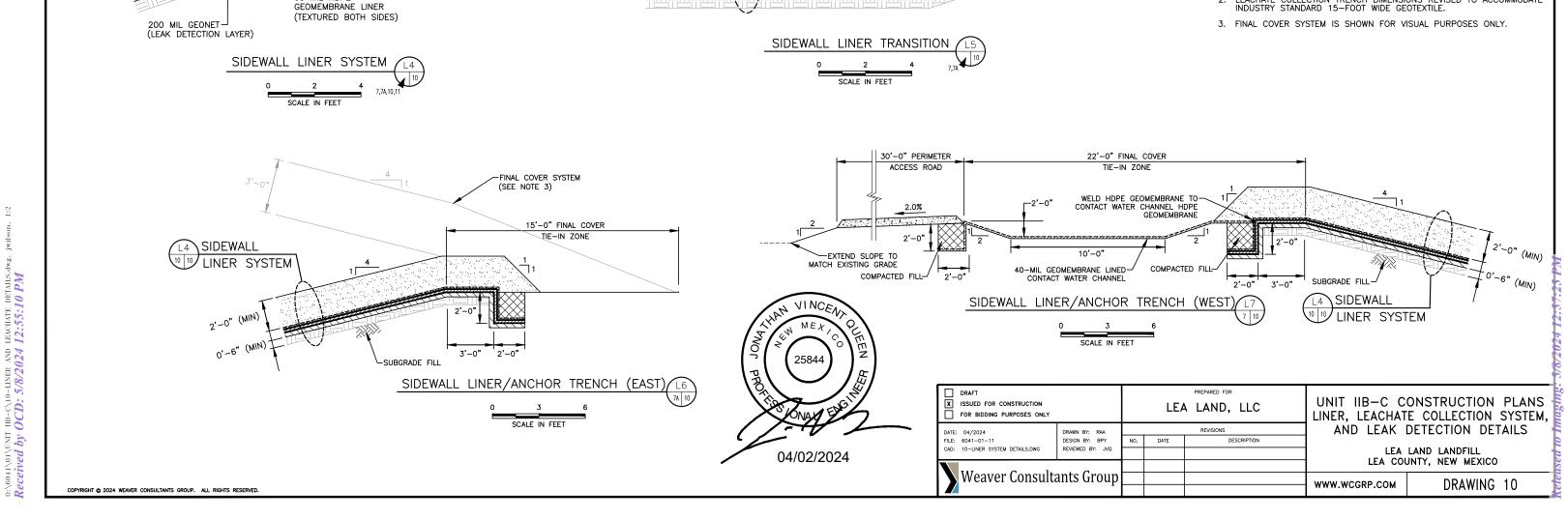
jwilson,	X
POINTS.dwg,	:55:10 PA
IIB-C\09-CERTIFICATION	OCD: 5/8/2024 12
0:\6041\01\UNIT	Received by

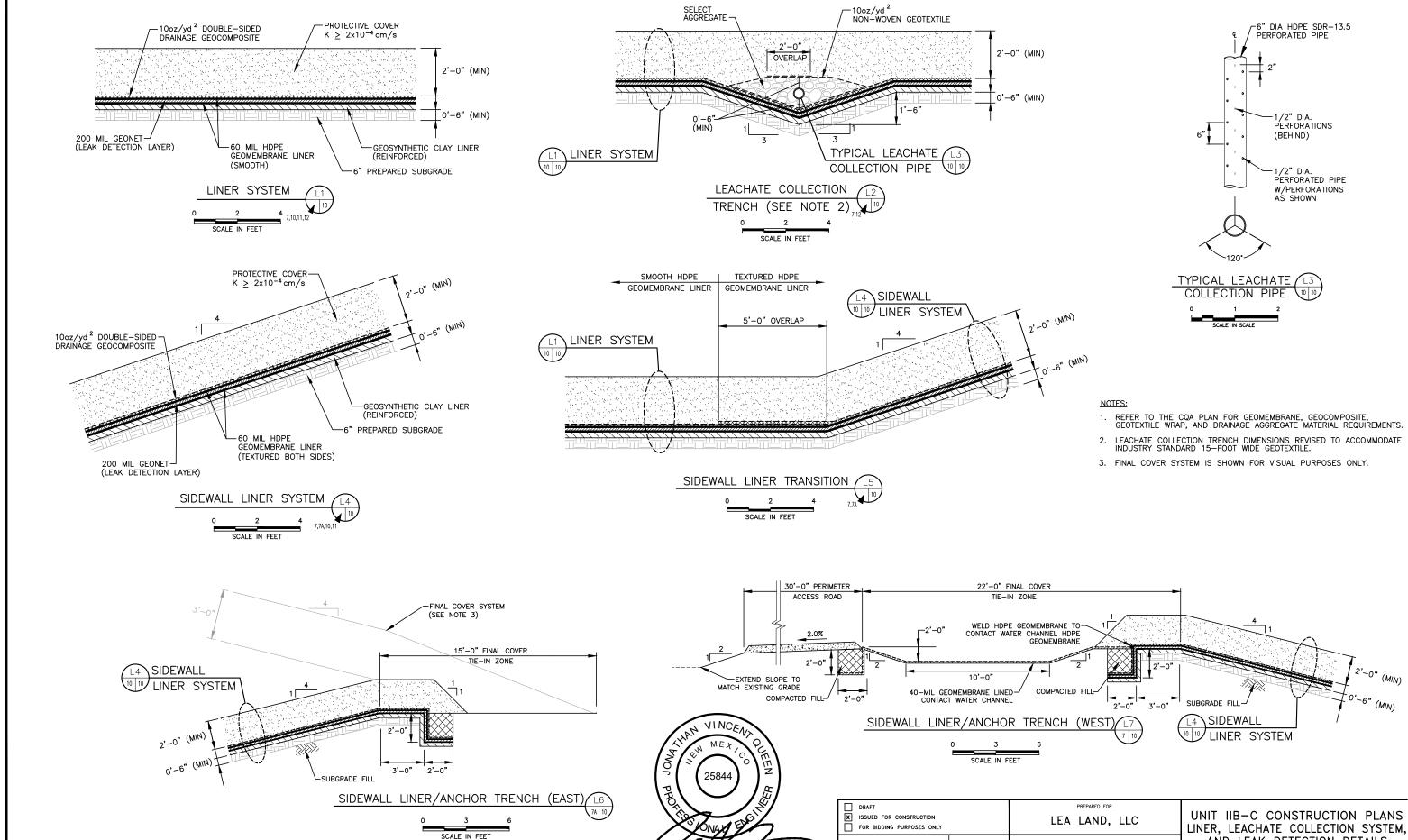
						CERT	FIFICATION PC	INT INFORMA	TION						
POINT NO.	NORTHING	EASTING	ELEVATION (FT-MSL)	POINT NO.	NORTHING	EASTING	ELEVATION (FT-MSL)	POINT NO.	NORTHING	EASTING	ELEVATION (FT-MSL)	POINT NO.	NORTHING	EASTING	ELEVATIO (FT-MSL
100	555779.56	707396.24	3560.13	132	555560.40	707631.69	3541.38	164	555858.87	708003.84	3532.88	196	555799.12	708411.81	3520.42
101	555747.98	707411.94	3560.52	133	555476.32	707640.09	3543.49	165	555799.19	708009.81	3531.38	197	555819.02	708409.82	3520.8
102	555644.09	707463.58	3561.81	134	555328.79	707755.34	3564.32	166	555776.45	707984.05	3531.58	198	555838.99	708407.82	3521.3
103	555548.35	707511.17	3562.99	135	555371.34	707751.09	3553.63	167	555702.10	707998.87	3529.51	199	555898.64	708401.86	3522.8
104	555494.90	707537.74	3563.66	136	555414.42	707746.78	3542.80	168	555697.69	707999.76	3528.02	200	555908.58	708501.36	3520.
105	555452.61	707558.76	3564.18	137	555470.84	707741.14	3541.38	169	555693.23	708000.65	3529.48	201	555848.93	708507.33	3518.
106	555356.87	707606.35	3565.32	138	555570.34	707731.19	3538.88	170	555599.16	708019.46	3531.64	202	555828.94	708509.33	3518.
107	555309.30	707630.00	3565.90	139	555665.36	707721.69	3536.49	171	555500.63	708039.15	3533.89	203	555809.04	708511.32	3517.
108	555316.41	707640.97	3565.53	140	555669.85	707721.24	3534.88	172	555466.62	708045.98	3534.67	204	555818.99	708610.82	3515.
109	555318.03	707655.92	3565.37	141	555674.31	707720.80	3536.49	173	555402.19	708059.71	3550.36	205	555838.89	708608.83	3515.
110	555361.39	707651.58	3554.87	142	555769.35	707711.30	3538.88	174	555362.49	708066.84	3561.01	206	555858.88	708606.83	3516.
111	555550.45	707532.18	3558.14	143	555829.04	707705.33	3540.38	175	555364.64	708086.77	3560.78	207	555918.52	708600.87	3517.
112	555649.95	707522.24	3548.25	144	555838.99	707804.83	3537.88	176	555404.19	708079.67	3550.33	208	555928.47	708700.37	3515.
113	555739.51	707417.35	3560.36	145	555779.30	707810.80	3536.38	177	555467.41	708066.22	3533.96	209	555868.83	708706.34	3513.
114	555785.46	707408.19	3556.79	146	555684.26	707820.30	3533.99	178	555502.63	708059.15	3533.25	210	555848.86	708708.33	3513.
115	555802.88	707443.47	3546.96	147	555679.80	707820.75	3532.39	179	555601.16	708039.45	3531.17	211	555828.96	708710.32	3512.
116	555746.78	707485.53	3544.55	148	555675.30	707821.20	3533.99	180	555695.22	708020.65	3529.05	212	555835.76	708778.16	3511.
117	555705.19	707516.71	3542.77	149	555580.29	707830.70	3536.38	181	555699.66	708019.76	3529.12	213	555856.11	708782.09	3511
118	555657.50	707552.47	3540.72	150	555480.79	707840.64	3538.88	182	555704.11	708018.88	3529.19	214	555876.60	708784.08	3511.
119	555654.02	707562.91	3538.86	151	555431.65	707845.56	3540.11	183	555758.74	708007.96	3530.72	215	555937.37	708789.47	3513
120	555648.97	707557.69	3540.61	152	555381.28	707850.59	3552.77	184	555868.81	708103.35	3530.38	216	555938.11	708799.91	3515.
121	555557.37	707601.44	3542.14	153	555339.54	707854.76	3563.26	185	555809.14	708109.31	3528.88	217	555878.78	708805.84	3517
122	555460.89	707641.64	3545.02	154	555350.30	707954.19	3562.21	186	555789.21	708111.30	3528.38	218	555858.03	708807.91	3517
123	555461.44	707647.17	3543.74	155	555391.23	707950.10	3551.92	187	555769.31	708113.29	3527.99	219	555838.13	708809.90	3518.
124	555401.98	707675.44	3544.73	156	555448.88	707944.33	3537.43	188	555779.30	708212.79	3525.49	220	555845.55	708909.66	3543.
125	555749.46	707512.29	3543.88	157	555490.74	707940.15	3536.38	189	555799.20	708210.80	3525.88	221	555865.46	708907.67	3542.
126	555809.16	707506.32	3545.38	158	555590.24	707930.20	3533.88	190	555819.09	708208.82	3526.38	222	555888.72	708905.34	3542
127	555819.10	707605.82	3542.88	159	555685.24	707920.70	3531.49	191	555878.76	708202.85	3527.88	223	555945.15	708899.70	3538.
128	555759.40	707611.79	3541.38	160	555689.74	707920.25	3529.89	192	555888.70	708302.36	3525.38	224	555946.30	708915.89	3542.
129	555664.37	707621.29	3538.99	161	555694.20	707919.81	3531.49	193	555829.04	708308.32	3523.88	225	555890.06	708918.75	3545
130	555659.90	707621.74	3537.38	162	555789.25	707910.30	3533.88	194	555809.11	708310.31	3523.38	226	555866.38	708919.95	3545
131	555655.42	707622.19	3538.99	163	555848.93	707904.34	3535.38	195	555789.21	708312.30	3522.99	227	555846.40	708920.97	3545

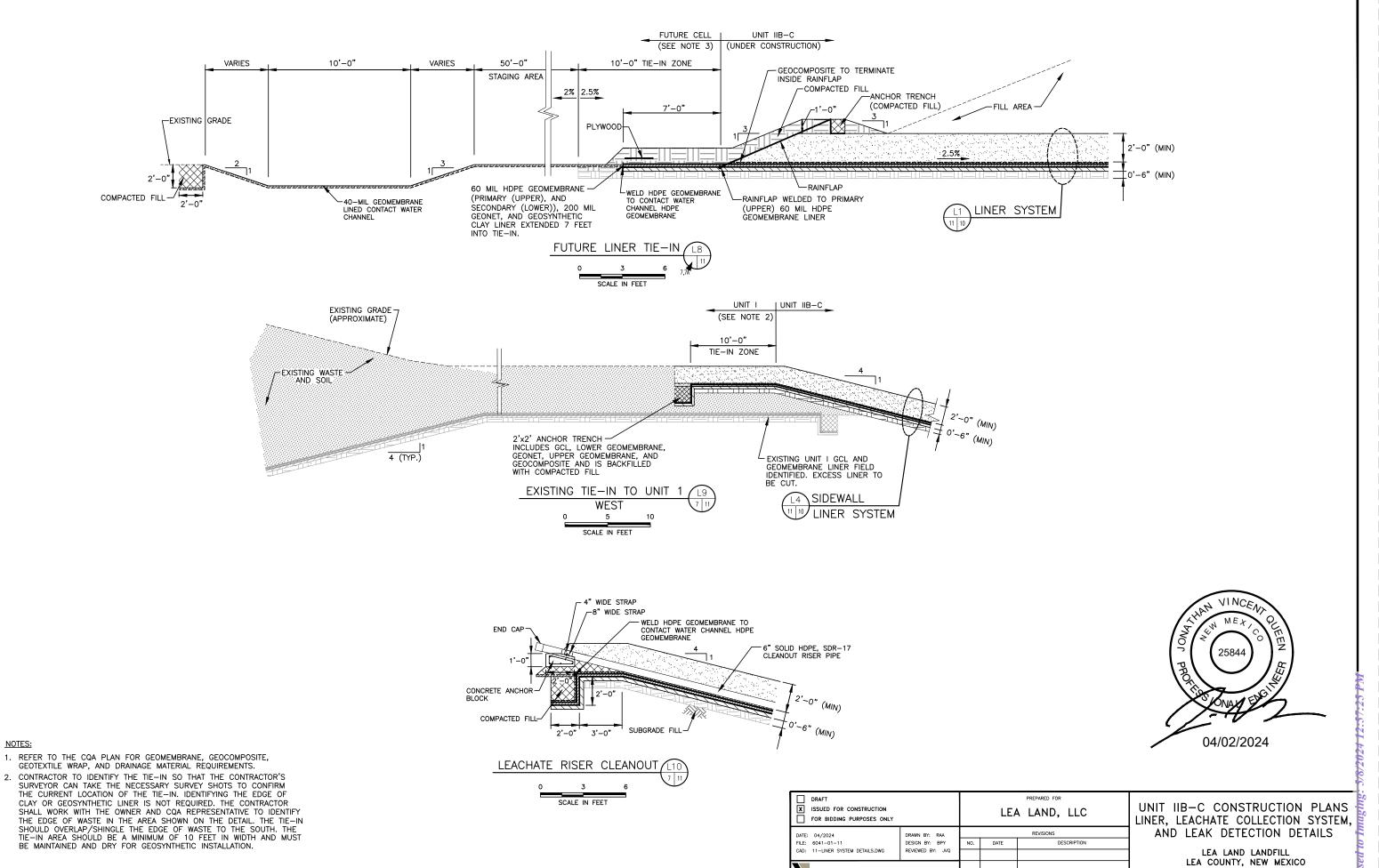
1. REFER TO DRAWINGS 8 AND 8A FOR CERTIFICATION POINT LOCATIONS.



DRAFT  X ISSUED FOR CONSTRUCTION  FOR BIDDING PURPOSES ONLY			LEA	PREPARED FOR	UNIT IIB-C CONSTRUCTION PLAN CERTIFICATION POINTS		
DATE: 04/2024  FILE: 6041-001-11  CAD: 9-CERTIFICATION POINTS.DWG	DRAWN BY: RAA DESIGN BY: BPY REVIEWED BY: JVQ	NO.	DATE	REVISIONS  DESCRIPTION		LAND LANDFILL	
						JNTY, NEW MEXICO	
Weaver Consult				www.wcgrp.com	DRAWING 9		



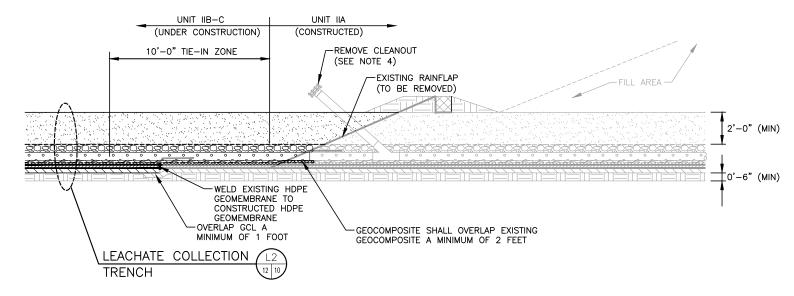


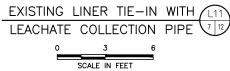


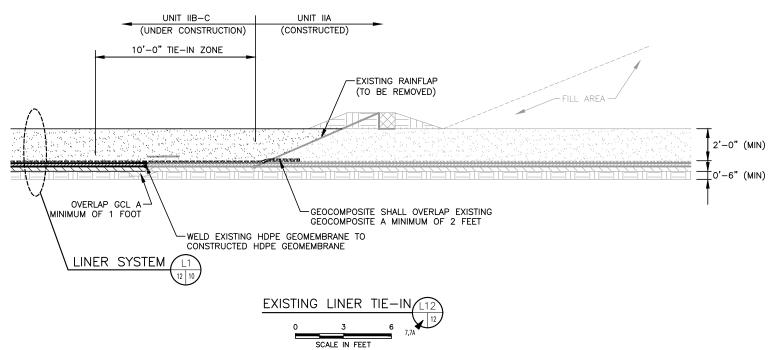
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DRAWING 11

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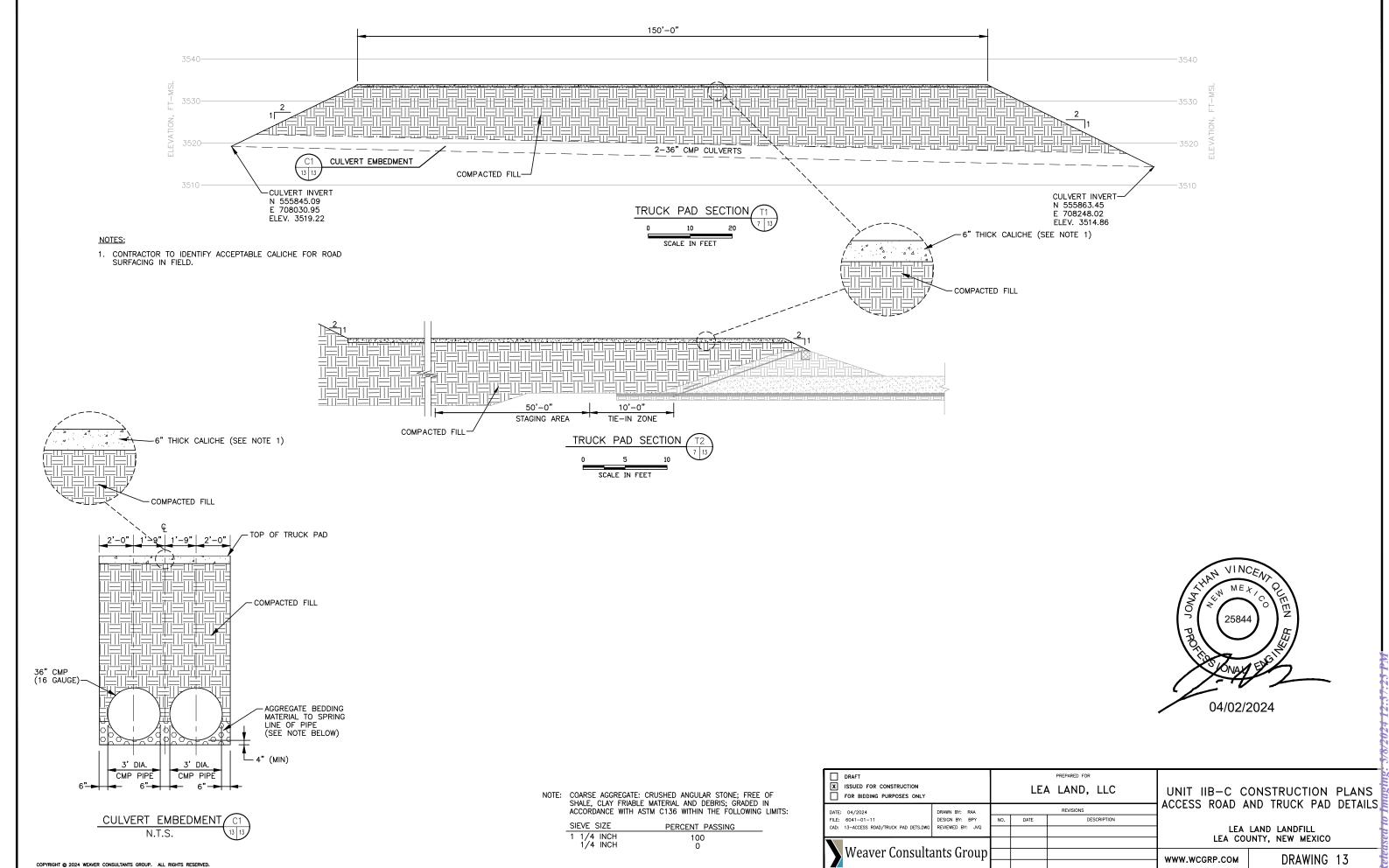


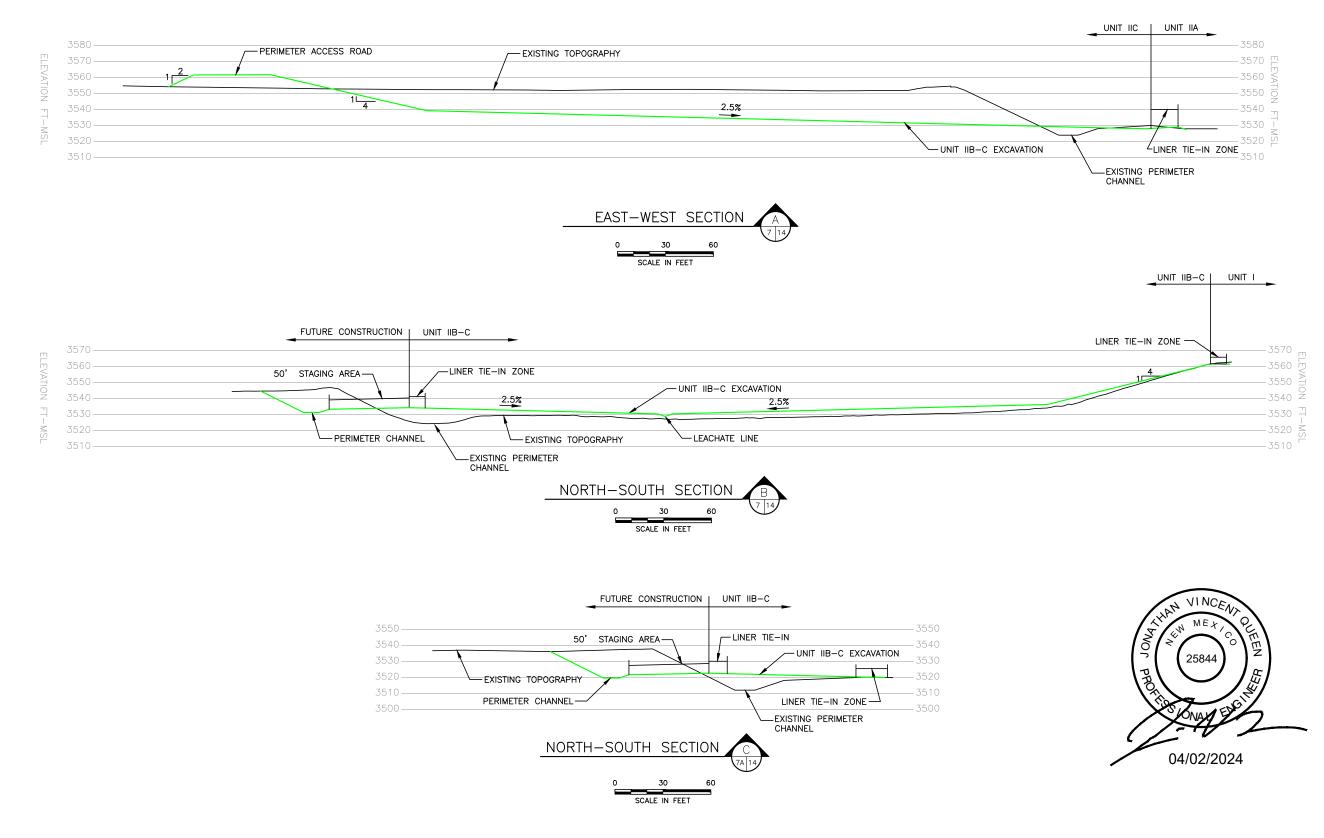
## 04/02/2024

#### NOTES:

- REFER TO THE CQA PLAN FOR GEOMEMBRANE, GEOCOMPOSITE, GEOTEXTILE WRAP, AND DRAINAGE AGGREGATE MATERIAL REQUIREMENTS.
- 2. LEACHATE COLLECTION TRENCH DIMENSIONS REVISED TO ACCOMMODATE INDUSTRY STANDARD 15-FOOT WIDE GEOTEXTILE.
- 3. PROTECTIVE COVER FOR FUTURE CELLS WILL NEED TO BE CERTIFIED PAST THE EDGE OF THE 10-FOOT TIE-IN ZONE TO THE LIMITS OF UNIT IIA.
- 4. CLEANOUT RISER TO BE SAWED OFF AT THE BASE OF THE 45 DEGREE CONNECTION.

DRAFT  X ISSUED FOR CONSTRUCTION  FOR BIDDING PURPOSES ONLY			LEA	PREPARED FOR LLC	LINER, LEACHAT	ONSTRUCTION PLANS E COLLECTION SYSTEM,
DATE: 04/2024 FILE: 6041-01-11 CAD: 12-LINER SYSTEM DETAILS.DWG	DRAWN BY: RAA DESIGN BY: BPY REVIEWED BY: JVQ	NO.	DATE	REVISIONS DESCRIPTION	AND LEAK DETECTION DETAILS  LEA LAND LANDFILL	
Weaver Consultants Group					WWW.WCGRP.COM	DRAWING 12





#### NOTE:

 OWNER WILL FILL SOUTH PORTION OF EAST BERM TO GRADE PRIOR TO CONSTRUCTION IN ORDER TO INSTALL POWER POLE.

DRAFT  ISSUED FOR CONSTRUCTION  FOR BIDDING PURPOSES ONLY			LEA	PREPARED FOR	UNIT IIB—C CONSTRUCTION PLANS CROSS SECTIONS  LEA LAND LANDFILL LEA COUNTY, NEW MEXICO		
DATE: 04/2024 FILE: 6041-01-11 CAD: 14-CROSS SECTIONS.DWG	DRAWN BY: RAA DESIGN BY: BPY REVIEWED BY: JVQ	NO.	DATE	REVISIONS DESCRIPTION			
Weaver Consultants Group					- WWW.WCGRP.COM	DRAWING 14	

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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 342097

#### **CONDITIONS**

Operator:	OGRID:
LEA LAND, LLC	195376
1300 W Main St	Action Number:
Oklahoma City, OK 73106	342097
	Action Type:
	[C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

#### CONDITIONS

Created By	Condition	Condition Date
bjones	None	5/8/2024