

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Kelly Keel, *Interim Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 2, 2023

Mr. Bob Gregory
President
Texas Disposal Systems Landfill, Inc.
P.O. Box 17126
Austin, Texas 78760

Via Email

Subject: Texas Disposal Systems Landfill - Travis County
Municipal Solid Waste - Permit No. 2123
Permit Modification - Technical Review Completed
Tracking No. 28105718; RN102016698/CN600126932

Dear Mr. Gregory:

We have completed the technical review of your application for the permit modification dated December 7, 2022, and the revisions dated February 24, 2023, September 20, 2023, and October 25, 2023, requesting changes to the existing permit for the above-referenced facility to authorize excavation plans, final contour and slope changes, leachate collection system design and surface water drainage changes, and to establish the facility boundary. The information presented is technically sufficient for a permit modification, and a draft modification has been prepared.

You are now required to mail notice of the proposed modification to the current landowner list and all other persons listed in Title 30, Texas Administrative Code (30 TAC), §39.413, including persons on a mailing list maintained by the Texas Commission on Environmental Quality (TCEQ) Office of the Chief Clerk (OCC). Please contact the OCC Notice Team at (512) 239-3300 to obtain a copy of this mailing list. To assist you in meeting the requirements associated with this notice, the following items are enclosed:

- Notice of Application and Preliminary Decision (NAPD)
- Certification of the NAPD
- Draft Permit Modification Sheet

Please note it is very important that you follow all directions in the instructions provided below. If you do not, further processing of the application may be suspended; you may be required to re-mail the notice; or the application may be returned. If you have any questions regarding these notice procedures, please contact the OCC Notice Team at (512) 239-3300 before proceeding with mailing the notice.

1. Review the enclosed notice for accuracy and completeness. If your review identifies any inaccuracy in the text of the notice, please inform the Municipal Solid Waste Permits Section project manager listed below to revise and reissue the notice sheet as necessary. Please be aware that the applicant is responsible for the accuracy of the contents of the NAPD.

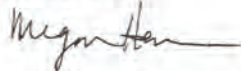
Mr. Bob Gregory
Page 2
November 2, 2023

2. Mail the notice in accordance with 30 TAC §305.70(i) and 30 TAC §39.1009. The text of the notice must comply with 30 TAC §39.411(b)(1), (2), (3), (6), (7), (9), and (11). Notice must be mailed to all persons listed in 30 TAC §39.413.
3. Ensure the notice includes a statement indicating that written comments by the public must be received by the OCC within 23 days from the date that notice is mailed.
4. File a copy of the enclosed Certification of the NAPD, and a copy of the mailing list with the TCEQ by emailing all documents to WPD-PNV@tceq.texas.gov within 23 days after the date the notice is mailed.

Once the 23-day comment period has ended and the Certification of NAPD has been filed, we will continue processing the modification application in accordance with 30 TAC §305.70(g)(2). If no comments are received, the TCEQ will act on the modification request within 14 days from the end of the comment period.

If you have any questions regarding your application, please contact the Municipal Solid Waste Permits Section project manager Ms. Arin Anderson at (512) 239-3278 or in writing at either Arin.Anderson@tceq.texas.gov or the address on our letterhead (please include mail code MC 124 on the first line).

Sincerely,



Megan Henson, Manager
Municipal Solid Waste Permits Section
Waste Permits Division
Texas Commission on Environmental Quality

MH/AA/tw

cc: Mr. Clint Harp, Texas Disposal Systems Landfill, Inc., Austin
Mr. Dennis Hill, P.E., Hill Engineering, Jarrell

Enclosures

Narrative of Proposed Modification

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1.0 General

Texas Disposal Systems Landfill, Inc. ("TDSL") per 30 Texas Administrative Code (TAC) Section (§) 305.70(e)(4) has identified the following provisions under which TDSL is submitting this request for a permit modification with notice to MSW Permit No. 2123 for its Texas Disposal Systems Landfill, specifically;

- 30 TAC §305.70(k)(8) for changes to the excavation plan with no increase in the landfill's maximum permitted elevation, no increase in the characterized depth of the approved in-situ performance liner system and no change in the permitted capacity of the landfill. Further, the proposed modification does not alter the effectiveness of the groundwater monitoring system.
- 30 TAC §305.70(k)(9) for changes to the approved final contours and approved final slopes with no height or capacity increase over the maximum permitted height or capacity, with no impact to off-site drainage.
- 30 TAC §305.70(j)(10) for changes to drainage control plan that do not impact offsite drainage.
- 30 TAC §305.70(j)(19) for changes to an existing leachate collection system design.
- 30 TAC §305.70(l) to clarify the facility boundary at the TDS Landfill.

A description of the proposed changes and an explanation of why these changes are necessary is explained herein as required by 30 TAC §305.70(e)(1) & (2) as well as revisions to drawings per 30 TAC §305.70 (e)(3). A landowner's list and map current on the day of filing for an area ¼ miles of the facility boundary is also attached.

1.1 Description of the Proposed Changes (30 TAC §305.70(e)(1))

TDSL received its permit to operate a Type I Municipal Solid Waste Disposal Landfill, MSW Permit No. 2123, on September 4, 1990. Actual landfilling began on February 1, 1991. The original permit area encompassed a total of 341.46 acres with four below grade development phases. The originally permitted Landfill Completion Plan, Attachment 9-6 dated February 1988, shows the original permitted final cover elevations. In a modification approved November 21, 2017, the originally permitted Landfill final cover elevations were reduced slightly to offset the removal of the interpit wall between Phases II and III. The completion plan following the November 21, 2017 modification is shown in Attachment 9-6A-3 Grading Plan – Proposed Top Cover Reduction, dated September 1, 2017.

The proposed modifications to the landfill completion plan contours are shown in this submittal on Attachment 9-6.1, Landfill Completion Plan Contours. The proposed modification for changes to the excavation plan only affects Phases I through III and Ditch A. Currently fill in Sectors 1 and 2 within Phase III are underway. To accommodate increasing demand and future landfill planning it is beneficial to modify the excavation grade in Sectors 3, 4, and 5 of Phase III. The modified Phase III floor will have an elevation of deepest excavation (EDE) of 577 feet msl, which represents the elevation of the bottom of the lowest

leachate collection sump. Only one leachate collection sump is being added in this modification, with two sumps at elevation 577 feet msl and one sump at elevation 578 feet msl. The leachate collection sumps are excavated two feet below the proposed lowest elevation of waste placement of 579 feet msl, and are excavated 20 feet wide and 20 feet long and are filled with rock, resulting in no increase in waste capacity. The proposed waste placement elevation increase in excavating results in a waste capacity increase of 810,041 cubic yards. The final cover contours over the area connecting Phase II and Phase III have also been elevated slightly to return to its originally permitted elevation prior to the '2017 Permit Modification for Removal of Interpit Wall Between Phases II and III and Readjustment of Final Cover Elevations to Result in a no Net Gain in Landfill Volume' resulting in a waste capacity increase of 522,137 cubic yards. To offset these capacity surpluses and to maintain access to the western portion of the permit boundary, the final cover contours along Ditch A between Phase I and Phase II have been modified (lowered) resulting in an overall net decrease in waste capacity of 1,332,178 cubic yards for no net gain in landfill volume waste capacity resulting from this modification.

The proposed modification also improves the leachate collection system by lowering the area that will drain to a large sump that will allow for the improved collection of leachate from the Phase II/III waste unit as needed. The leachate trenches have been modified to provide more slope on the channels moving leachate to the permanent sump locations. This allows for leachate to flow more efficiently to the collection sumps for removal. A third permanent sump will be added on the northeast corner of the Phase II/III waste unit that allows for improved collection and removal of leachate since the leachate will not have to

travel as far as previously designed before being collected from the sump. These changes are illustrated on Attachment 6-6.1 –Subsurface Grades and Phase II/III Leachate Trenches and Permanent Sumps.

In addition, the requested modification will define and clarify the facility boundary at the TDS Landfill. Specifically, as a 30 TAC §305.70(l) modification, TDSL is submitting a boundary metes and bounds description of the facility signed and sealed by a registered professional land surveyor. The purpose of this clarification is to ensure that all waste disposal, recycling, composting operations at the TDS Landfill, including those activities located within the permit boundary that are authorized by TCEQ via an exemption, notification, or permit-by-rule are included within the defined “facility boundary.”

1.2 Explanation Detailing Why the Change is Necessary (30 TAC §305.70(e)(2))

The purpose of this proposed permit modification is to extend the life of waste disposal in Phase III. This modification is necessary for future landfill planning and to accommodate increasing demand for landfill disposal capacity resulting from increased flow rates correlated with the Covid pandemic, the 2021 ice storm, the 2022 tornadoes, and area growth trends. Also included in this modification are slight alterations and improvements of the Phase A-1 contours to accommodate surface drainage and interior roadways in order to facilitate continued access to the western portion of the Permitted Facility. The modification will have no impact on adjacent property owners or community and no impact to off-site drainage.

1.3 Existing Conditions

The landfill is currently operating in compliance with approved MSW Permit #2123. Filling of sequenced sectors has taken place over Phases I and II and partially into Phase III.

1.4 Improvements to Surface Water Drainage

The contours of the final cap on the north end of Phase III are being revised to match the contours that were included in the original Permit 2123 application. Returning the final cap contours in this area to the originally approved contours, results in flows from this area matching the flows included in the original Permit 2123 documentation and resulting in no increase in peak flows.

Modifications to the final contours proposed in this application at the peak of the landfill cap and over Ditch A will improve the movement of water from the top of the completed landfill in this area. Water flowing from the high point of the landfill will be able to move into the lowered portion of Ditch A. This same water previously would have flowed across the cap to the east and west and down the side slopes. The time of concentration - which is the time required for water to flow across the landfill - increases and thus results in a decrease of peak discharges. Table 1.4 is provided on page 7A comparing the flows in the watersheds affected by the 2022 modifications to the flows from the approved MSW Permit 2123. These updated flows reflect current design specifications for the City of Austin Zone 1 region. The perimeter channels will either receive the same flows as originally designed or decreased flows resulting from this modification, and therefore remain adequate to carry the flows.

Table 1.4
25-Year Drainage Calculations

Area No.	Area (AC)	C	T. C (minutes)	I (in/hr)	Q (cfs)
P-1	15.11	0.70	20	6.67	70.55
P-2	18.43	0.70	20	6.67	86.05
P-6	35.82	0.70	20	6.67	167.24
P-9	47.29	0.70	20	6.67	220.80
P-10	32.21	0.70	20	6.67	150.39

2022 MOD

Area No.	Area (AC)	C	T. C (minutes)	I (in/hr)	Q (cfs)	Net Change 2022 MOD - Permit 2123
P-1	15.71	0.42	18.78	7.12	47.18	-23.37
P-2	17.83	0.44	18.96	7.09	55.98	-30.07
P-6	31.52	0.49	31.02	5.48	84.23	-83.01
P-9	54.50	0.37	34.38	5.17	105.29	-115.51
P-10	32.20	0.44	18.24	7.22	102.38	-48.01

Notes:

1. Flows determined using the Rational Method (Q=CIA)
2. Rational Formula Values Obtained from City of Austin Drainage Criteria Manual, Zone 1
3. Rainfall Intensity reflects Atlas 14 Flows from City of Austin Drainage Criteria Manual, Zone 1
4. Watersheds P-4, P-5, P-7, P-8 and P-11 through P-19 are unaffected by the 2022 MOD Application
5. Area was adjusted in affected watersheds to reflect the grading changes from the 2022 MOD Application



Dennis Wade Hill

October 25, 2023
 Dennis Wade Hill, P.E. No. 84679
 Hill Engineering P.L.L.C., Firm Registration No. 3532

2.0 Proposed Modifications

2.1 Revisions to Subsurface Grading Plans (TAC §305.70(k)(8))

The modified grading plan is depicted in Attachment 6-6.1. Specifically, the grading plan for Phase III has been modified to alter subsurface grading deeper into the characterized in-situ liner in the northern portion of Phase III resulting in a volumetric waste disposal increase of 810,041 cubic yards.

Soil materials encountered in Stratum III, unweathered shale, in the February 25, 2019 Subchapter J Monitoring Modification approved June 28, 2019 are characterized as an in-situ liner to the depth of the borings in several places in the final report. The depth of the soil borings was selected in order to drill all the borings into Stratum III of the landfill (Narrative p. 29, para. 2). The deepest boring depth would be to an elevation of 520 feet ASL which is at least 30 feet below the deepest depth of an expanded landfill (Narrative p. 29, para. 3). Stratum III extends downward to the bottom of the borings dictated by the Soil Boring Plan which upon inspection and testing of hydraulic conductivity functions as an in-situ liner (Executive Summary p. ii, para. 4). Delineation of the Stratum II/III interface was the most critical strata demarcation in the Soil Boring Plan because it shows the suitability of the floor to serve as an in-situ liner (Narrative p. 6, para. 4). The boring logs prepared pursuant to the Subchapter J Soil Boring Plan were used to evaluate the geology and hydrogeology within the entire permit boundary (Narrative p. 7, para. 1). All soil materials encountered in the borings into Stratum III which extends to at least 520 feet ASL are inherently slowly permeable with hydraulic conductivities of less than $1E-7$ (Narrative p. 39, para. 3) which more than meets the requirements for a performance based in-situ liner system under 30

TAC Section 330.331(a). In summary, the Subchapter J Groundwater Monitoring report proved that Stratum III to a depth of 520 ASL is practically impervious (Narrative p. 27, para. 1) and therefore an excellent material for an in-situ liner. The Subchapter J final approved report supported the excavation of the landfill floor to a depth within 30 feet of the deepest borings (Narrative p. 29, para. 3)

2.2 Revisions to Landfill Completion Plan (TAC §305.70(k)(9))

TDSL received its permit to operate a Type I Municipal Solid Waste Disposal Landfill, MSW Permit No. 2123, on September 4, 1990. Actual landfilling began on February 1, 1991. The original permit area encompassed a total of 341.46 acres with four below grade development phases. The originally permitted Landfill Completion Plan, Attachment 9-6 dated February 1988, shows the original permitted final cover elevations. In a modification approved November 21, 2017, the originally permitted Landfill final cover elevations were reduced slightly to offset the removal of the interpit wall between Phases II and III. The completion plan following the November 21, 2017 modification is shown in Attachment 9-6A-3 Grading Plan – Proposed Top Cover Reduction, dated September 1, 2017.

The proposed modifications to the landfill completion plan contours are shown in this submittal on Attachment 9-6.1, Landfill Completion Plan Contours.

The final cover contours have been modified in two areas as depicted on the Attachment 9-6-1.b Cross Sections. The final cover contours over the area connecting Phase II and Phase III have been elevated slightly to return to its originally permitted elevation prior to the

'2017 Permit Modification for Removal of Interpit Wall Between Phases II and III and Readjustment of Final Cover Elevations to Result in a no Net Gain in Landfill Volume' resulting in a waste capacity increase of 522,137 cubic yards. To offset these capacity surpluses and to maintain access to the western portion of the permit boundary, the final cover contours along Ditch A between Phase I and Phase II have been modified (lowered) resulting in an overall net decrease in waste capacity of 1,332,178 cubic yards for no net gain in landfill volume waste capacity resulting from this modification.

2.3 Clarification of Facility Boundary

Attachment A is a boundary metes and bounds description of the facility, signed and sealed by a registered professional land surveyor, that is being submitted by TDSL as a 30 TAC §305.70(l) modification request. The purpose of this modification request is to clarify and define the facility boundary at the TDS Landfill. The facility boundary defined in the survey and as shown on the Land Ownership Map in Appendix D ensures that all waste disposal, recycling, composting operations conducted within the permit boundary at the TDS Landfill, including those activities located within the permit boundary that are authorized by TCEQ via permit-by-rule, are included within the defined "facility boundary." Defining the facility to include all such TCEQ-regulated activities that are located within the permit boundary ensures the greatest level of protection for human health and the environment.

2.4 Modifications to Existing Permit

The modifications described herein are illustrated on Attachment 6-6.1., Attachment 9-6.1, Attachment 9-6.1.a., and Attachment 9-6.1.b. These proposed attachments replace Attachments 6.6A, 9-6A-1, 9-6A-2, 9-6A-3 and 9-6B, and modify Attachments 6-6, 9-5, 9-6 and 9-6A-2A from the original permit application and the 2017 Modification to Permit 2123.

3.0 Appendices

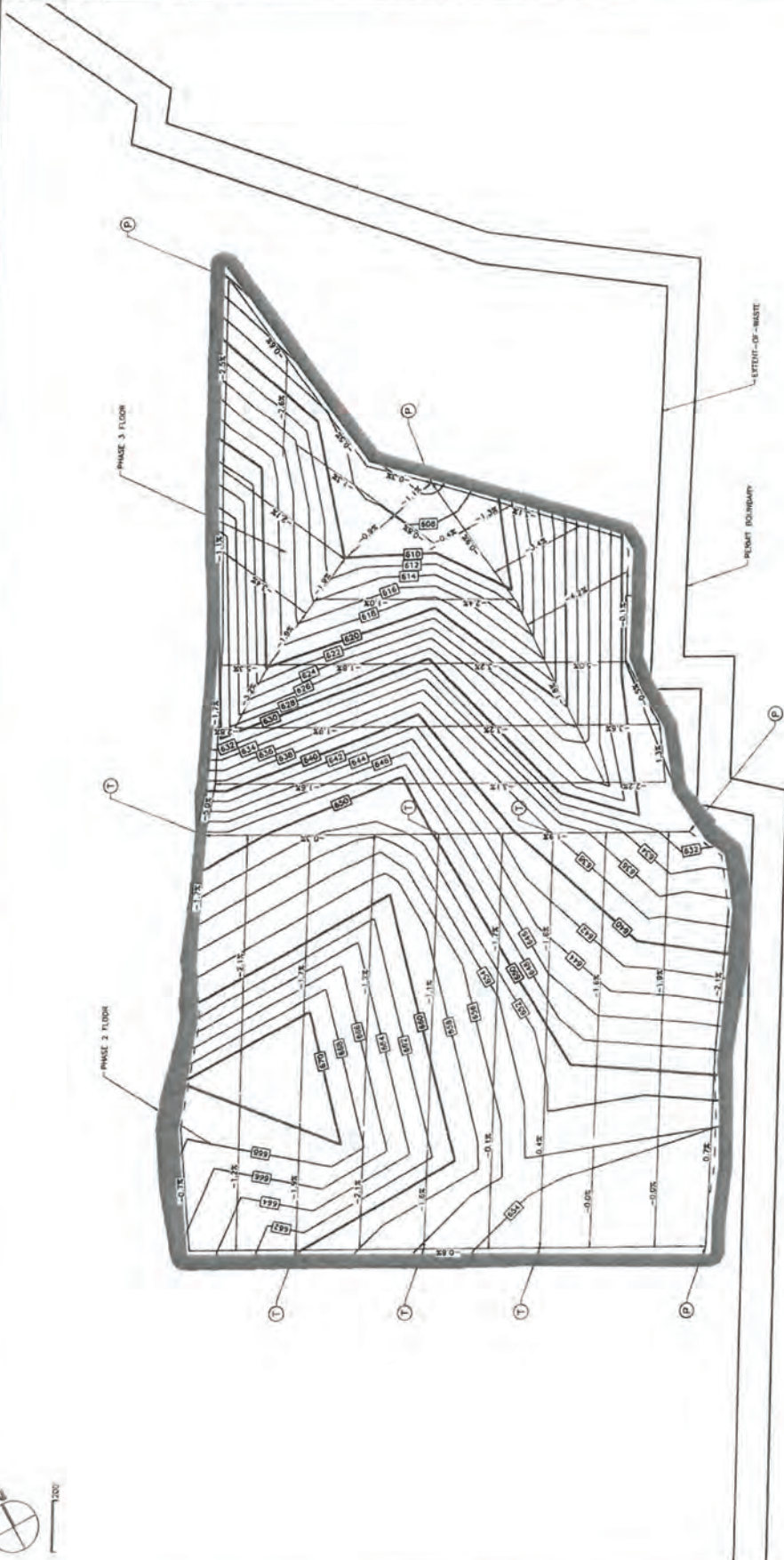
Appendices are included on the following pages.

Appendix A – Permit Pages to Be Replaced

The following table provides a summary of Attachments from the Original Permit Application in 1988 and the 2017 Inter-Pit Wall Modification that are modified or replaced by this proposed Modification

ORIGINAL PERMIT 2123 ATTACHMENT	REPLACED BY NEW ATTACHMENT IN 2022 MODIFICATION APPLICATION	MODIFIED BY NEW ATTACHEMENT IN 2022 MODIFICATION APPLICATION
Attachment 6-6		Attachment 6-6.1
Attachment 6-6A	Attachment 6-6.1	
Attachment 9-5		Attachment 9-6.1
Attachment 9-6		Attachment 9-6.1
Attachment 9-6A-1	Attachments 6-6.1 & 9-6.1	
Attachment 9-6A-2	Attachment 6-6.1	
Attachment 9-6A-2A		Attachment 6-6.1
Attachment 9-6A3	Attachment 9-6.1.a	
Attachment 9-6B	Attachment 9-6.1.b	

Attachments included on following pages.



LEGEND
 (P) PERMANENT LUMP
 (T) TEMPORARY LUMP
 Replaced 2/24/23


This Attachment 6-6A is replaced by new Attachment 6-6.1 in the 2022 Modification Application



The seal appearing on this document was authorized by Dennis Wade Hill, P.E. 84679 on February 24, 2023. Hill Engineering P.L.L.C., TBPE Registration No. 3532



NO.	DATE	REVISION
BT		


Freeman Hillman, Inc.
 ENGINEERS - ARCHITECTS - PLANNERS
 10000 WEST 10TH STREET, SUITE 200, DALLAS, TEXAS 75243

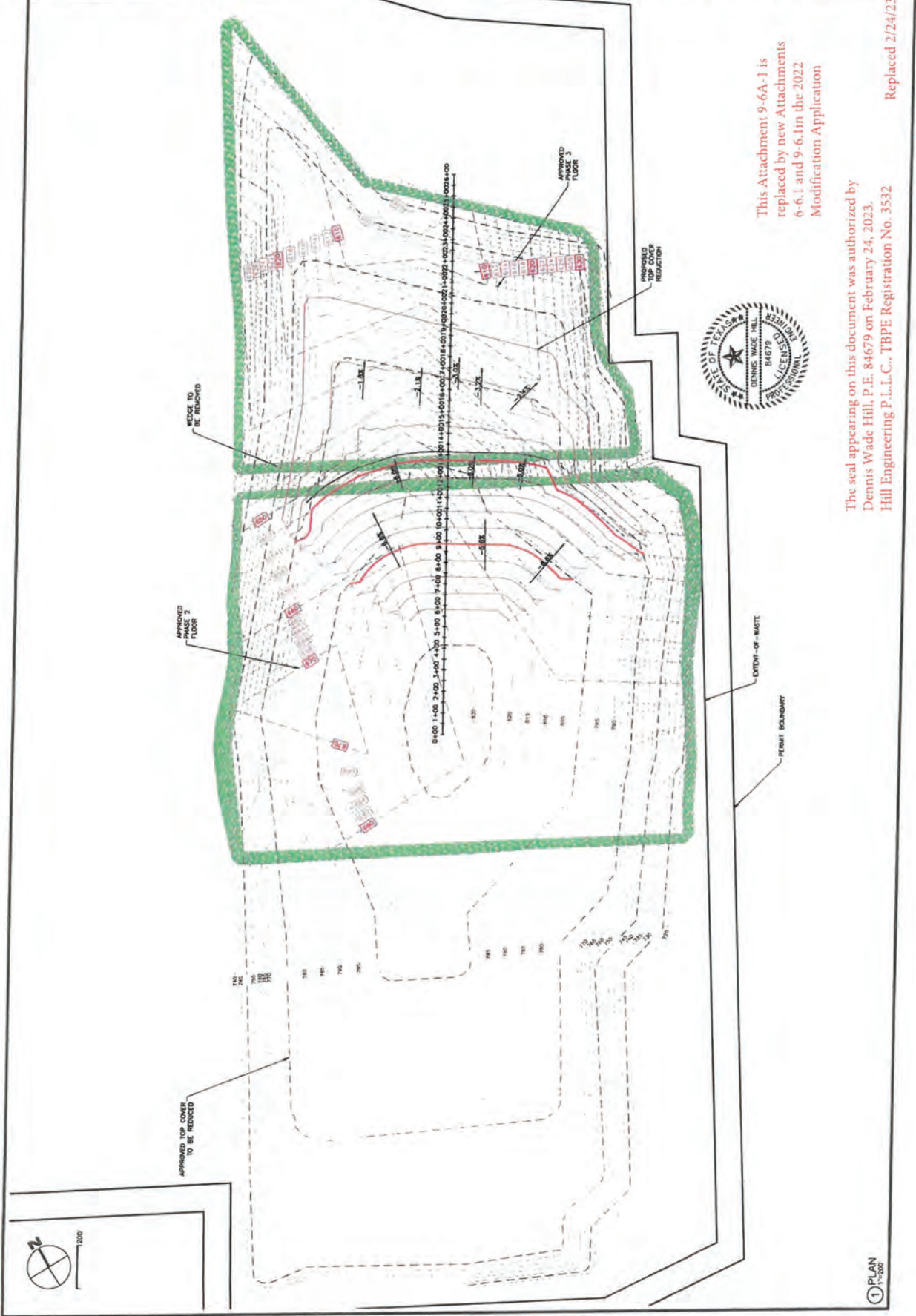
GRADING PLAN - COMBINED SURFACES
 PERMIT MODIFICATION
 TEXAS DISPOSAL SYSTEMS LANDFILL

FOR REVIEW

 DENNIS WADE HILL, P.E.
 LICENSE NO. 84679
 PROFESSIONAL ENGINEER
 CIVIL
 STATE OF TEXAS

PROJECT NO.	15020
DATE	02/24/2023
DRAWN	AKS
CHECKED	AKS

ATTACHMENT
9-6A-1
 SHEET 1 OF 3

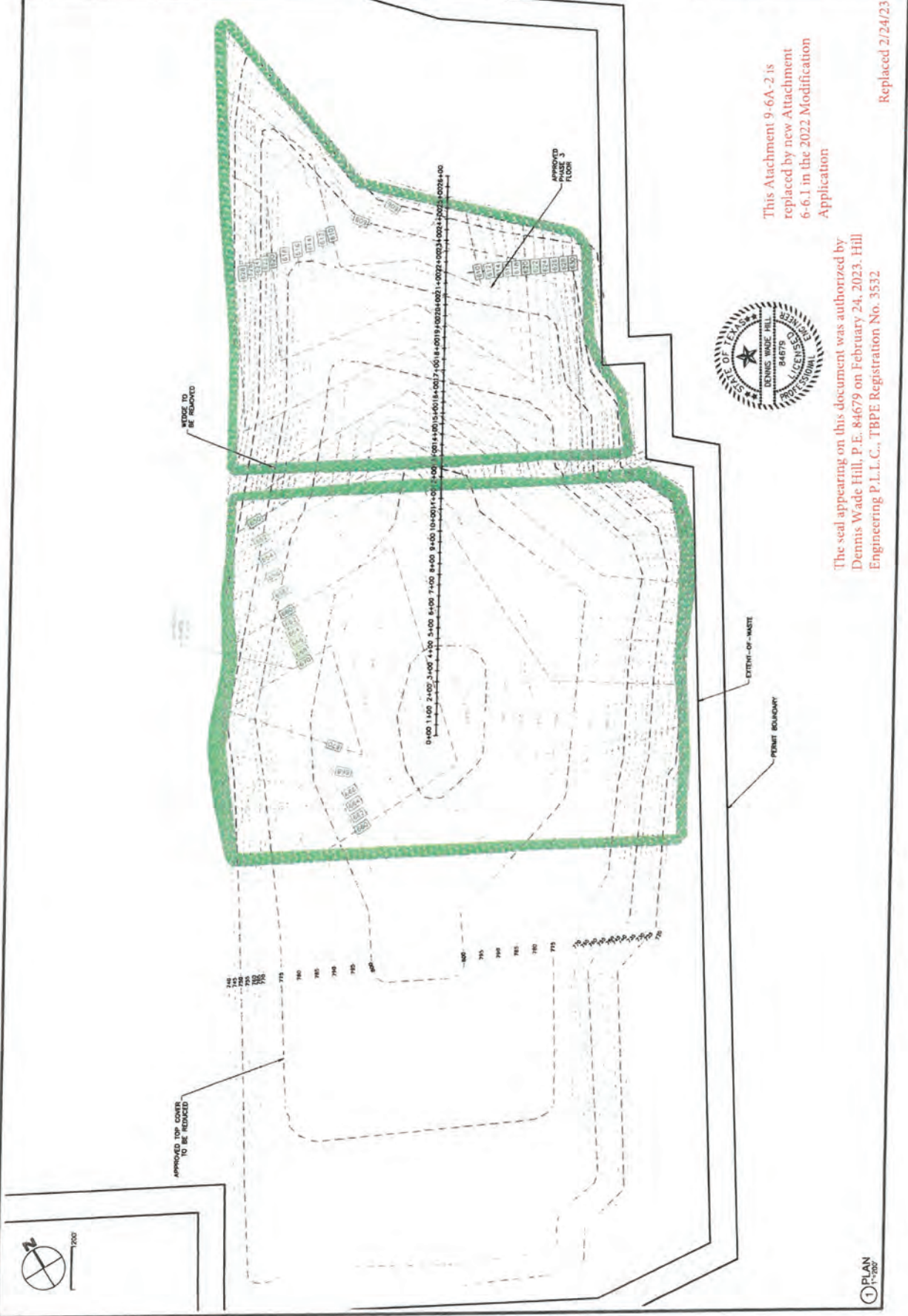


This Attachment 9-6A-1 is
 replaced by new Attachments
 6-6.1 and 9-6.1 in the 2022
 Modification Application



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Replaced 2/24/23

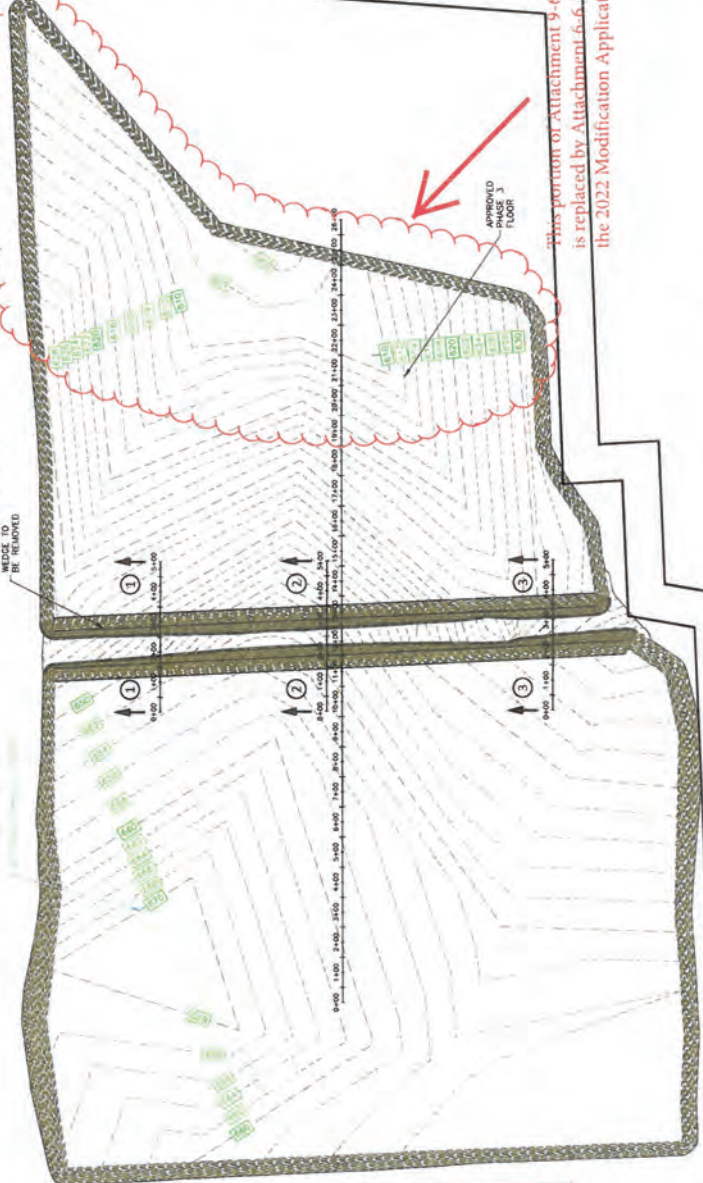
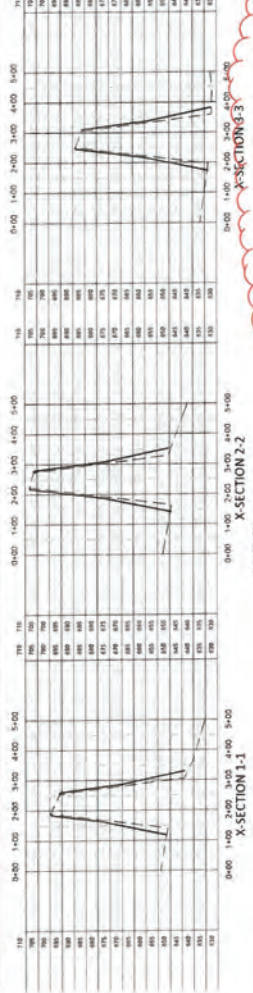


This Attachment 9-6A-2 is
 replaced by new Attachment
 6-6.1 in the 2022 Modification
 Application

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 Engineering P.L.L.C., TBPE Registration No. 35332

Replaced 2/24/23

NO.	DATE	REVISION



STATION	ELEVATION
0+00	100
0+10	105
0+20	110
0+30	115
0+40	120
0+50	125
0+60	130
0+70	135
0+80	140
0+90	145
1+00	150
1+10	155
1+20	160
1+30	165
1+40	170
1+50	175
1+60	180
1+70	185
1+80	190
1+90	195
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2+10	205
2+20	210
2+30	215
2+40	220
2+50	225
2+60	230
2+70	235
2+80	240
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5+50	375
5+60	380
5+70	385
5+80	390
5+90	395
6+00	400
6+10	405
6+20	410
6+30	415
6+40	420
6+50	425
6+60	430
6+70	435
6+80	440
6+90	445
7+00	450
7+10	455
7+20	460
7+30	465
7+40	470
7+50	475
7+60	480
7+70	485
7+80	490
7+90	495
8+00	500
8+10	505
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8+70	535
8+80	540
8+90	545
9+00	550

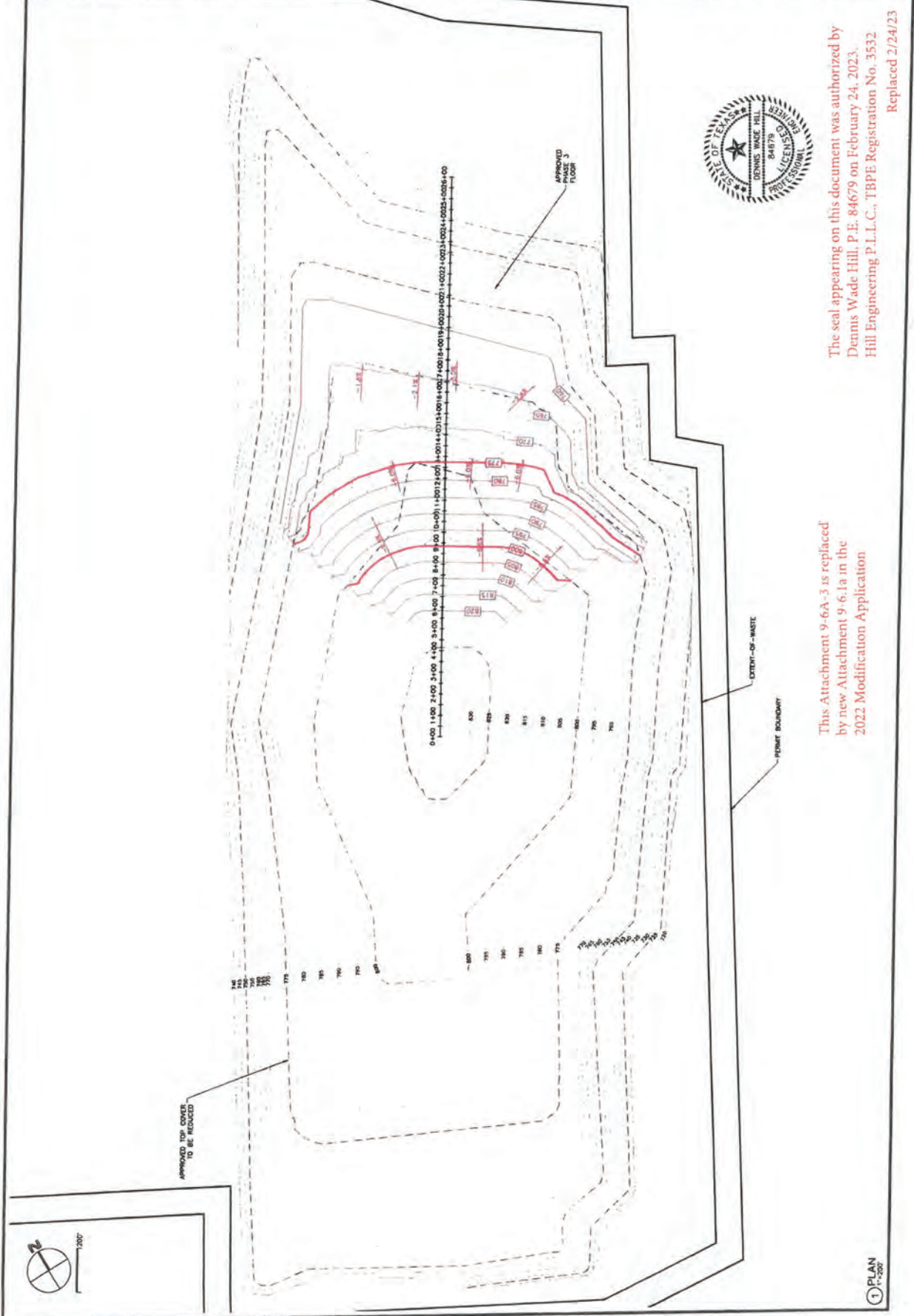
APPROVED THE COVER TO BE REDUCED

Net Approximate Volume of Interpit Wall removal/floor fill - 437,500 cubic yards
 Net Approximate Volume of Sidewall Liner and Cover along both faces of Phase II and III interpit wall - 76,000 cubic yards
 Net Approximate Volume of Sidewall Liner and Cover at both ends of Phase II and III interpit wall - 7,000 cubic yards
 Total of Interpit wall related Volume - 520,500 cubic yards

Net Approximate Volume of Landfill Cover Removal - 522,000 cubic yards

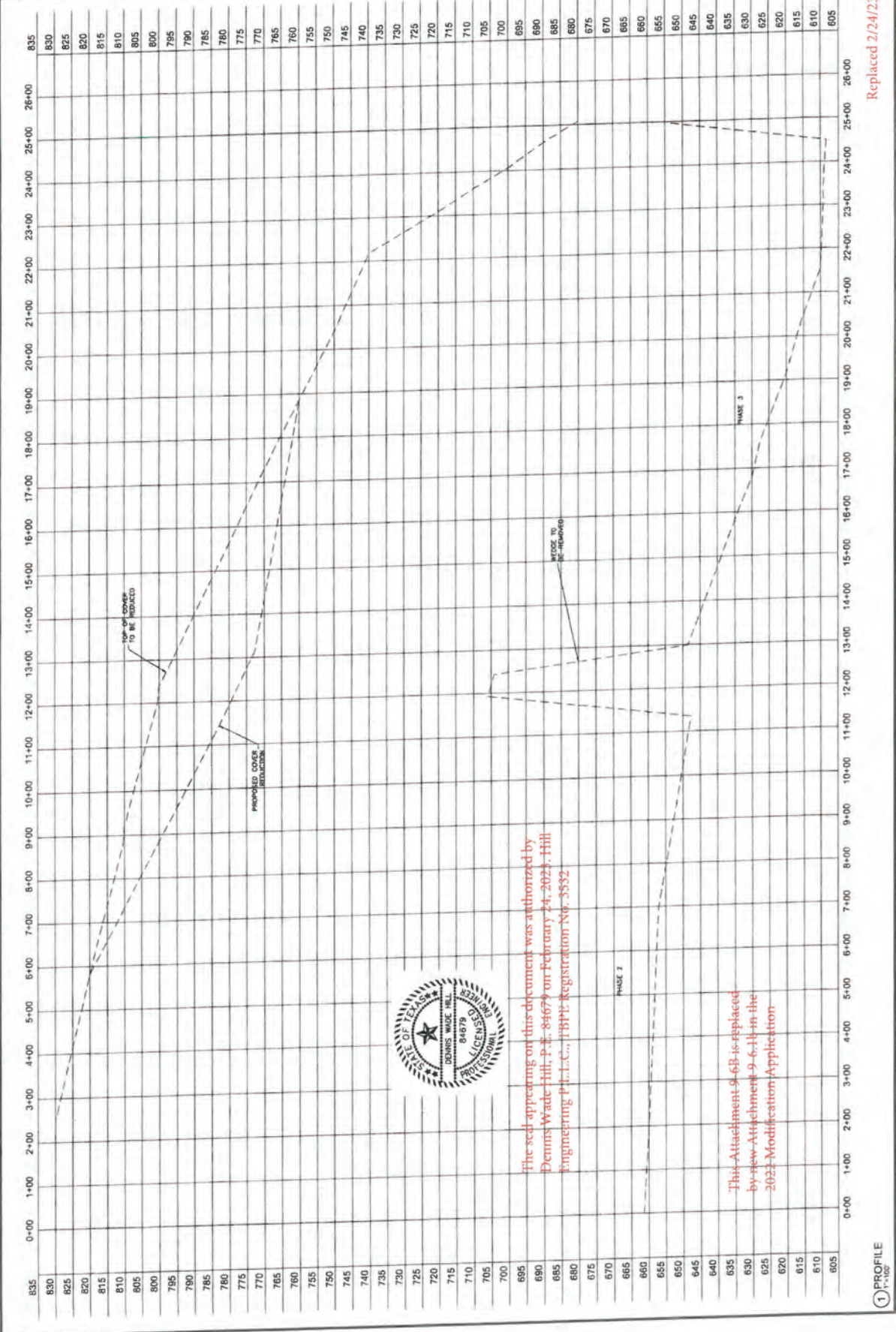


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 Revised 2/24/23



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Hill Engineering P.L.L.C., TBPE Registration No. 35532
Replaced 2/24/23

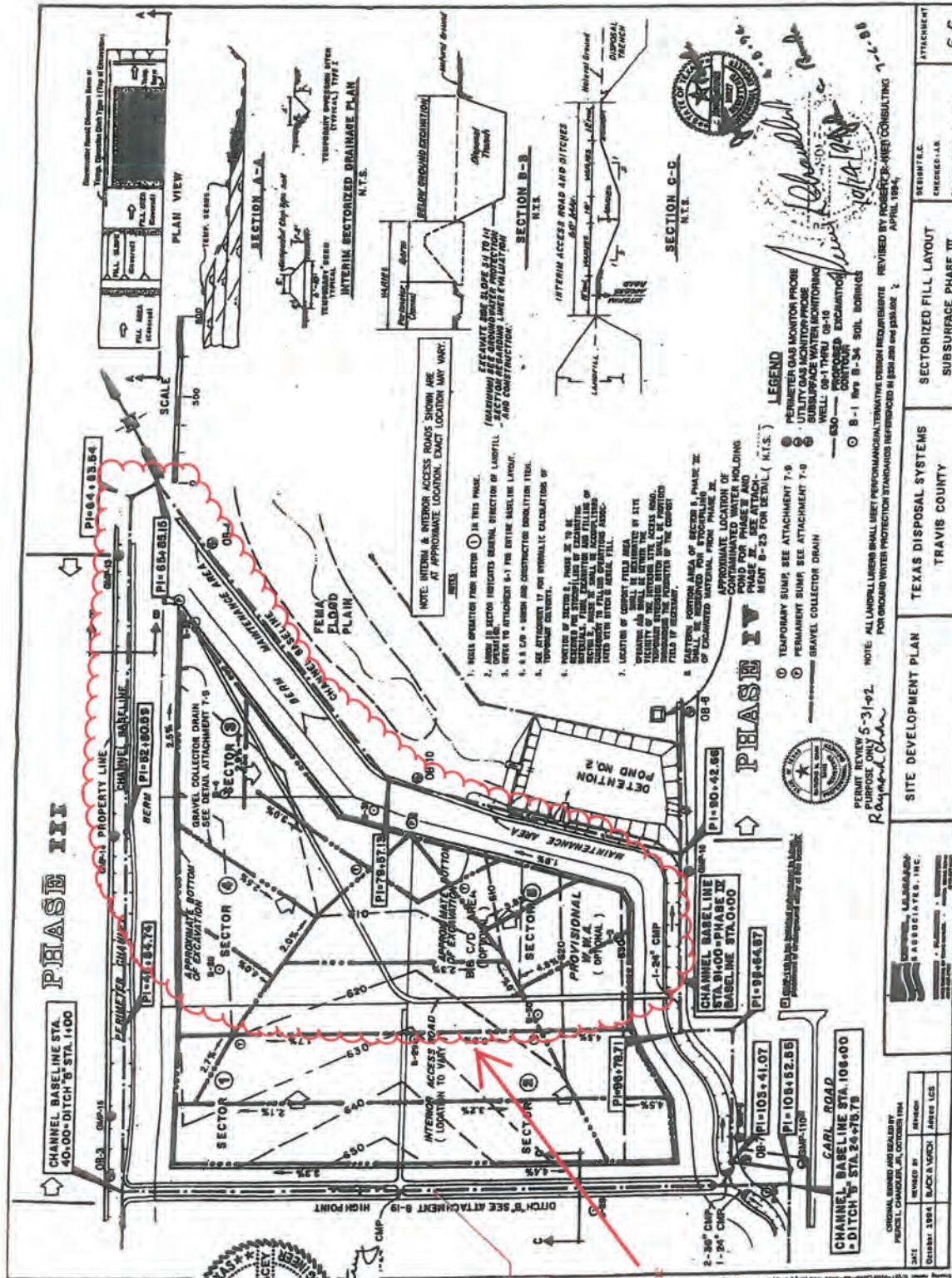
This Attachment 9-6A-3 is replaced
by new Attachment 9-6.1a in the
2022 Modification Application



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 Engineering P.L.L.C., TBPPE Registration No. 3552

This Attachment 9-6B is replaced
 by new Attachment 9-6B in the
 2023 Modification Application

Replaced 2/24/23



Intercept well to be removed per Attachment 6-6A, 9-6A-1, 2, 3, and 9-6B shown in permit modification to remove well dated September 2017

Michael K. Stacey
8/11/17

This portion of Attachment 6-6 is modified by Attachment 6-6.1 of the 2022 Modification Application



The seal appearing on this document was authorized by Dennis Wade Hill, P.E. 84679 on February 24, 2023. Hill Engineering P.L.L.C., TBPE Registration No. 3532

PHASE III
PHASE IV

LEGEND

- PERMETER GAS MONITOR PROBE
- UTILITY GAS MONITOR PROBE
- SUBSURFACE WATER MONITORING WELL 08-1 THRU 08-16
- 630 - CONTIGUOUS EXCAVATION
- B-1 thru B-34 SOIL BORINGS

PERMIT REVIEW ONLY 5-31-17
Raymond



GENERAL ENGINEERING AND SURVEYING
PROJECT CHANGELINE, A DIVISION OF
DATE: 08/28/17
DRAWN BY: B.C.H.S. (WCH) JARED LUCAS
CHECKED BY: JARED LUCAS

SITE DEVELOPMENT PLAN
TEXAS DISPOSAL SYSTEMS
TRAVIS COUNTY

SECTORIZED FILL LAYOUT
SUBSURFACE PHASE III

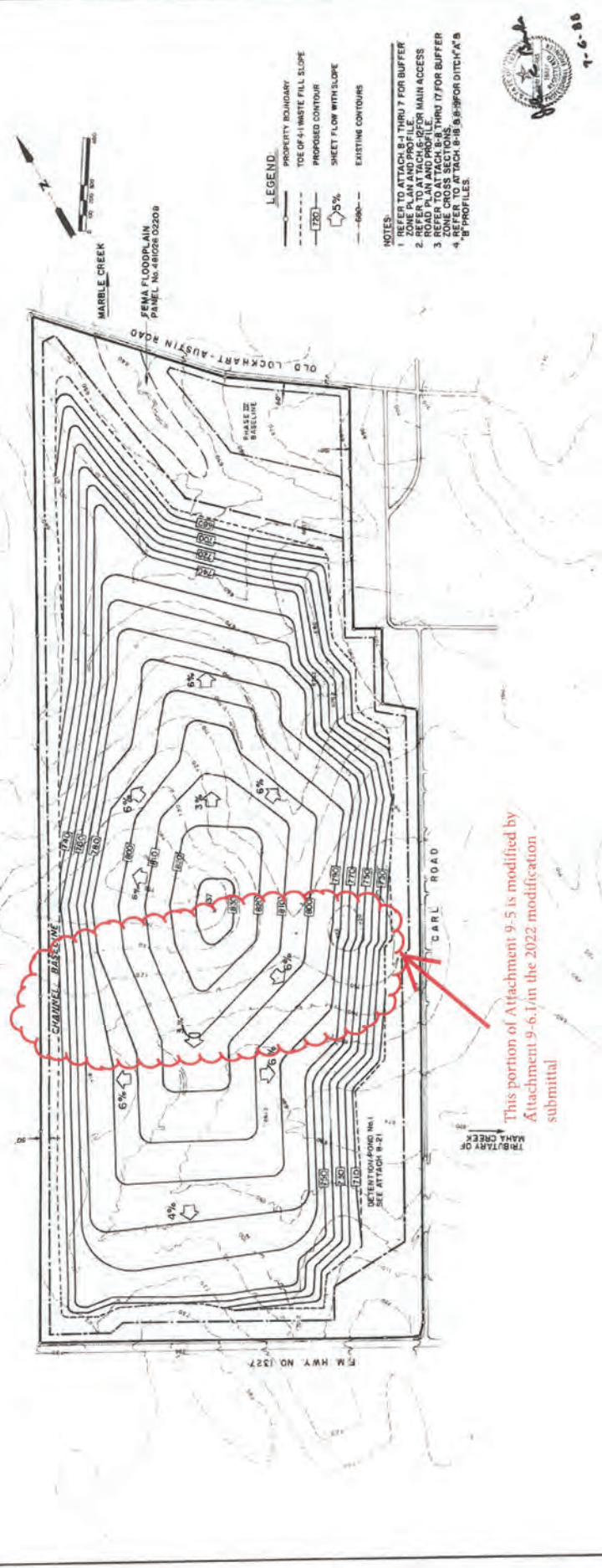
ATTACHMENT
6-6

Revised 2/24/23

25-YEAR DRAINAGE CALCULATIONS CHART										
NO.	AREA (AC)	C	WQ ₁ (CFS)	Q	CONVERTED AREA (AC)	WQ ₂ (CFS)	Q	WQ ₃ (CFS)	Q	TOTAL WQ (CFS)
P-1	10.11	0.70	20	6.07	70.95					70.95
P-2	18.45	0.70	20	12.67	129.55					129.55
P-3	22.09	0.70	20	15.67	181.73					181.73
P-4	27.79	0.70	20	19.70	225.44					225.44
P-5	36.36	0.70	20	25.44	292.08					292.08
P-6	45.00	0.70	20	31.50	361.50					361.50
P-7	53.79	0.70	20	37.97	433.61					433.61
P-8	62.73	0.70	20	44.81	508.92					508.92
P-9	71.81	0.70	20	52.00	587.00					587.00
P-10	81.03	0.70	20	59.53	668.10					668.10
P-11	90.40	0.70	20	67.40	752.80					752.80
P-12	100.00	0.70	20	75.60	840.00					840.00
P-13	110.00	0.70	20	84.00	930.00					930.00
P-14	120.00	0.70	20	92.40	1022.40					1022.40
P-15	130.00	0.70	20	101.00	1117.00					1117.00
P-16	140.00	0.70	20	109.80	1213.80					1213.80
P-17	150.00	0.70	20	118.80	1312.00					1312.00
P-18	160.00	0.70	20	128.00	1411.00					1411.00
P-19	170.00	0.70	20	137.40	1511.40					1511.40
P-20	180.00	0.70	20	147.00	1613.00					1613.00
P-21	190.00	0.70	20	156.80	1715.80					1715.80
P-22	200.00	0.70	20	166.80	1820.00					1820.00
P-23	210.00	0.70	20	177.00	1925.00					1925.00
P-24	220.00	0.70	20	187.40	2031.00					2031.00
P-25	230.00	0.70	20	198.00	2138.00					2138.00
P-26	240.00	0.70	20	208.80	2246.00					2246.00
P-27	250.00	0.70	20	219.80	2355.00					2355.00
P-28	260.00	0.70	20	231.00	2465.00					2465.00
P-29	270.00	0.70	20	242.40	2576.00					2576.00
P-30	280.00	0.70	20	254.00	2688.00					2688.00
P-31	290.00	0.70	20	265.80	2801.00					2801.00
P-32	300.00	0.70	20	277.80	2915.00					2915.00
P-33	310.00	0.70	20	289.90	3030.00					3030.00
P-34	320.00	0.70	20	302.20	3146.00					3146.00
P-35	330.00	0.70	20	314.70	3263.00					3263.00
P-36	340.00	0.70	20	327.40	3381.00					3381.00
P-37	350.00	0.70	20	340.30	3500.00					3500.00
P-38	360.00	0.70	20	353.40	3620.00					3620.00
P-39	370.00	0.70	20	366.70	3741.00					3741.00
P-40	380.00	0.70	20	380.20	3863.00					3863.00
P-41	390.00	0.70	20	393.90	3986.00					3986.00
P-42	400.00	0.70	20	407.80	4110.00					4110.00
P-43	410.00	0.70	20	421.90	4235.00					4235.00
P-44	420.00	0.70	20	436.20	4361.00					4361.00
P-45	430.00	0.70	20	450.70	4488.00					4488.00
P-46	440.00	0.70	20	465.40	4616.00					4616.00
P-47	450.00	0.70	20	480.30	4745.00					4745.00
P-48	460.00	0.70	20	495.40	4875.00					4875.00
P-49	470.00	0.70	20	510.70	5006.00					5006.00
P-50	480.00	0.70	20	526.20	5138.00					5138.00
P-51	490.00	0.70	20	541.90	5271.00					5271.00
P-52	500.00	0.70	20	557.80	5405.00					5405.00
P-53	510.00	0.70	20	573.90	5540.00					5540.00
P-54	520.00	0.70	20	590.20	5676.00					5676.00
P-55	530.00	0.70	20	606.70	5813.00					5813.00
P-56	540.00	0.70	20	623.40	5951.00					5951.00
P-57	550.00	0.70	20	640.30	6090.00					6090.00
P-58	560.00	0.70	20	657.40	6230.00					6230.00
P-59	570.00	0.70	20	674.70	6371.00					6371.00
P-60	580.00	0.70	20	692.20	6513.00					6513.00
P-61	590.00	0.70	20	709.90	6656.00					6656.00



The seal appearing on this document was authorized by Dennis Wade Hill, P.E. 84679 on February 24, 2023, Hill Engineering, P.L.L.C., TBPE Registration No. 35532



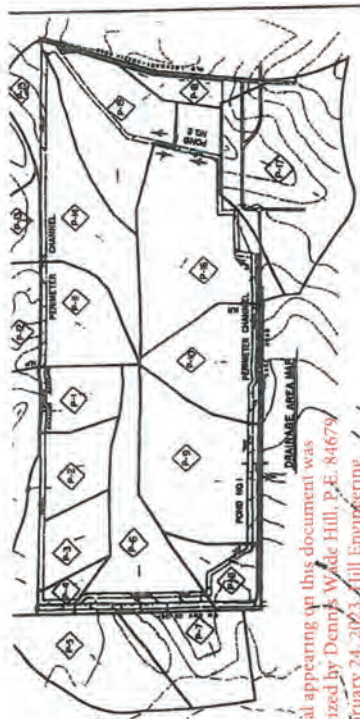
This portion of Attachment 9-5 is modified by Attachment 9-6.1 in the 2022 modification submittal

- LEGEND:**
- PROPERTY BOUNDARY
 - TOE OF 1' WASTE FILL SLOPE
 - PROPOSED CONTOUR
 - SHEET FLOW WITH SLOPE
 - EXISTING CONTOURS

- NOTES:**
- REFER TO ATTACH 8-1 THRU 7 FOR BUFFER ZONE PLAN AND PROFILE
 - REFER TO ATTACH 8-2 THRU 11 FOR ROAD PLAN AND PROFILE
 - REFER TO ATTACH 8-3 THRU 17 FOR BUFFER ZONE PLAN AND PROFILE
 - REFER TO ATTACH 8-18, 8-19 FOR DITCH "A" & "B" PROFILES



<p>DIPPEL, ULMANN & ASSOCIATES, INC. ENGINEERS • PLANNERS • SURVEYORS 2400 CAPITAL OF TEXAS HWY. 1227, AUSTIN, TEXAS 78704</p>	<p>SITE DEVELOPMENT PLAN</p>	<p>TEXAS DISPOSAL SYSTEMS</p> <p>TRAVIS COUNTY</p>	<p>LANDFILL COMPLETION PLAN</p> <p>PHASE I, II & III</p> <p>(FINAL)</p>	<p>DESIGN: RC</p> <p>CHECKED: J.C.B.</p> <p>DRAWN: DR. Snyder/RT</p> <p>DATE: FEBRUARY 1988</p>	<p>ATTACHMENT</p> <p>9-5</p> <p>Revised 2/24/23</p>
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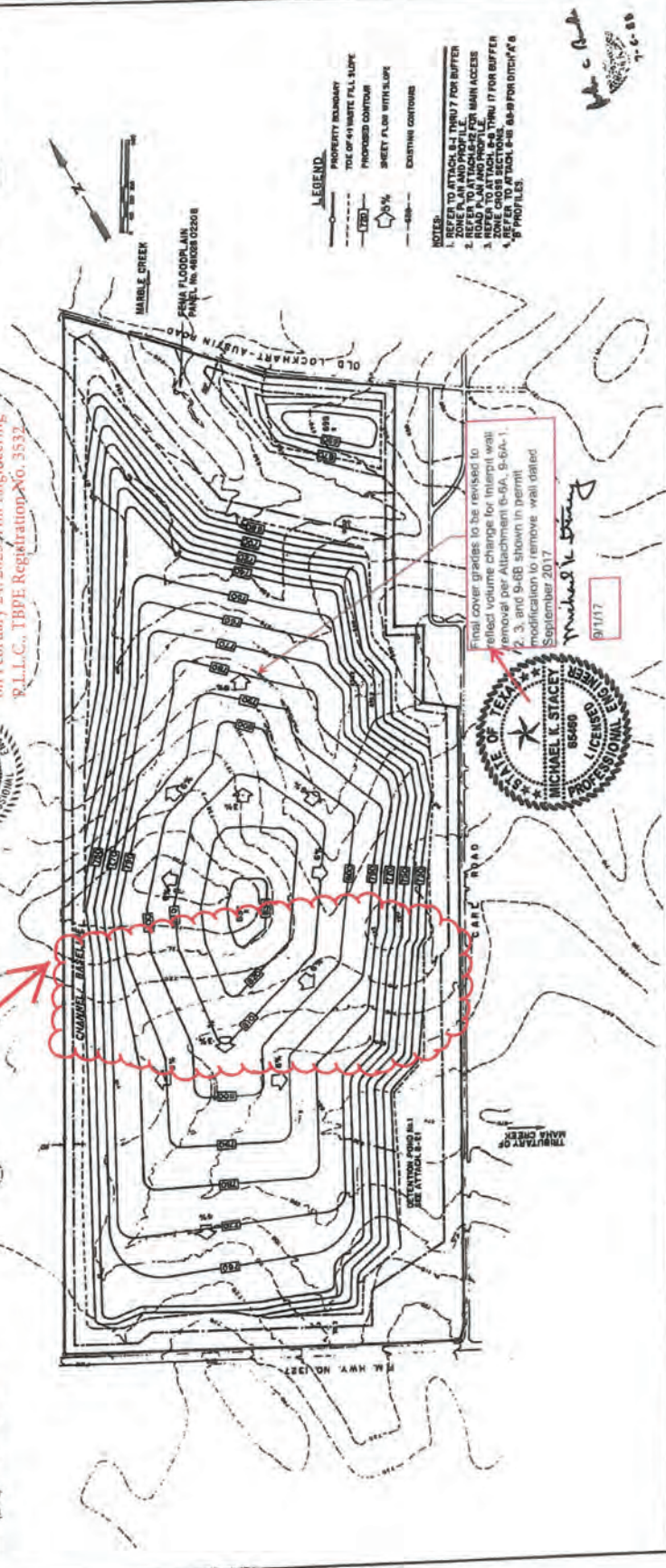


This seal appearing on this document was authorized by Dennis Wade Hill, P.E. 84679 on February 24, 2023. Hill Engineering R.L.L.C., TBPE Registration No. 3532.



This portion of Attachment 9-6.b modified by new Attachment 9-6.1 included in the 2022 Modification, Application

POST NO.	AREA (SQ. FT.)	T.C. (cu yd)	CONCRETE (cu yd)	COMBINED (cu yd)	TOTAL (cu yd)
P-1	15.1	0.20	0.00	0.20	0.20
P-2	15.1	0.20	0.00	0.20	0.20
P-3	15.1	0.20	0.00	0.20	0.20
P-4	15.1	0.20	0.00	0.20	0.20
P-5	15.1	0.20	0.00	0.20	0.20
P-6	15.1	0.20	0.00	0.20	0.20
P-7	15.1	0.20	0.00	0.20	0.20
P-8	15.1	0.20	0.00	0.20	0.20
P-9	15.1	0.20	0.00	0.20	0.20
P-10	15.1	0.20	0.00	0.20	0.20
P-11	15.1	0.20	0.00	0.20	0.20
P-12	15.1	0.20	0.00	0.20	0.20
P-13	15.1	0.20	0.00	0.20	0.20
P-14	15.1	0.20	0.00	0.20	0.20
P-15	15.1	0.20	0.00	0.20	0.20
P-16	15.1	0.20	0.00	0.20	0.20
P-17	15.1	0.20	0.00	0.20	0.20
P-18	15.1	0.20	0.00	0.20	0.20
P-19	15.1	0.20	0.00	0.20	0.20
P-20	15.1	0.20	0.00	0.20	0.20
P-21	15.1	0.20	0.00	0.20	0.20
P-22	15.1	0.20	0.00	0.20	0.20
P-23	15.1	0.20	0.00	0.20	0.20
P-24	15.1	0.20	0.00	0.20	0.20
P-25	15.1	0.20	0.00	0.20	0.20
P-26	15.1	0.20	0.00	0.20	0.20
P-27	15.1	0.20	0.00	0.20	0.20
P-28	15.1	0.20	0.00	0.20	0.20
P-29	15.1	0.20	0.00	0.20	0.20
P-30	15.1	0.20	0.00	0.20	0.20
P-31	15.1	0.20	0.00	0.20	0.20
P-32	15.1	0.20	0.00	0.20	0.20
P-33	15.1	0.20	0.00	0.20	0.20
P-34	15.1	0.20	0.00	0.20	0.20
P-35	15.1	0.20	0.00	0.20	0.20
P-36	15.1	0.20	0.00	0.20	0.20
P-37	15.1	0.20	0.00	0.20	0.20
P-38	15.1	0.20	0.00	0.20	0.20
P-39	15.1	0.20	0.00	0.20	0.20
P-40	15.1	0.20	0.00	0.20	0.20
P-41	15.1	0.20	0.00	0.20	0.20
P-42	15.1	0.20	0.00	0.20	0.20
P-43	15.1	0.20	0.00	0.20	0.20
P-44	15.1	0.20	0.00	0.20	0.20
P-45	15.1	0.20	0.00	0.20	0.20
P-46	15.1	0.20	0.00	0.20	0.20
P-47	15.1	0.20	0.00	0.20	0.20
P-48	15.1	0.20	0.00	0.20	0.20
P-49	15.1	0.20	0.00	0.20	0.20
P-50	15.1	0.20	0.00	0.20	0.20
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P-53	15.1	0.20	0.00	0.20	0.20
P-54	15.1	0.20	0.00	0.20	0.20
P-55	15.1	0.20	0.00	0.20	0.20
P-56	15.1	0.20	0.00	0.20	0.20
P-57	15.1	0.20	0.00	0.20	0.20
P-58	15.1	0.20	0.00	0.20	0.20
P-59	15.1	0.20	0.00	0.20	0.20
P-60	15.1	0.20	0.00	0.20	0.20
P-61	15.1	0.20	0.00	0.20	0.20
P-62	15.1	0.20	0.00	0.20	0.20
P-63	15.1	0.20	0.00	0.20	0.20
P-64	15.1	0.20	0.00	0.20	0.20
P-65	15.1	0.20	0.00	0.20	0.20
P-66	15.1	0.20	0.00	0.20	0.20
P-67	15.1	0.20	0.00	0.20	0.20
P-68	15.1	0.20	0.00	0.20	0.20
P-69	15.1	0.20	0.00	0.20	0.20
P-70	15.1	0.20	0.00	0.20	0.20
P-71	15.1	0.20	0.00	0.20	0.20
P-72	15.1	0.20	0.00	0.20	0.20
P-73	15.1	0.20	0.00	0.20	0.20
P-74	15.1	0.20	0.00	0.20	0.20
P-75	15.1	0.20	0.00	0.20	0.20
P-76	15.1	0.20	0.00	0.20	0.20
P-77	15.1	0.20	0.00	0.20	0.20
P-78	15.1	0.20	0.00	0.20	0.20
P-79	15.1	0.20	0.00	0.20	0.20
P-80	15.1	0.20	0.00	0.20	0.20
P-81	15.1	0.20	0.00	0.20	0.20
P-82	15.1	0.20	0.00	0.20	0.20
P-83	15.1	0.20	0.00	0.20	0.20
P-84	15.1	0.20	0.00	0.20	0.20
P-85	15.1	0.20	0.00	0.20	0.20
P-86	15.1	0.20	0.00	0.20	0.20
P-87	15.1	0.20	0.00	0.20	0.20
P-88	15.1	0.20	0.00	0.20	0.20
P-89	15.1	0.20	0.00	0.20	0.20
P-90	15.1	0.20	0.00	0.20	0.20
P-91	15.1	0.20	0.00	0.20	0.20
P-92	15.1	0.20	0.00	0.20	0.20
P-93	15.1	0.20	0.00	0.20	0.20
P-94	15.1	0.20	0.00	0.20	0.20
P-95	15.1	0.20	0.00	0.20	0.20
P-96	15.1	0.20	0.00	0.20	0.20
P-97	15.1	0.20	0.00	0.20	0.20
P-98	15.1	0.20	0.00	0.20	0.20
P-99	15.1	0.20	0.00	0.20	0.20
P-100	15.1	0.20	0.00	0.20	0.20



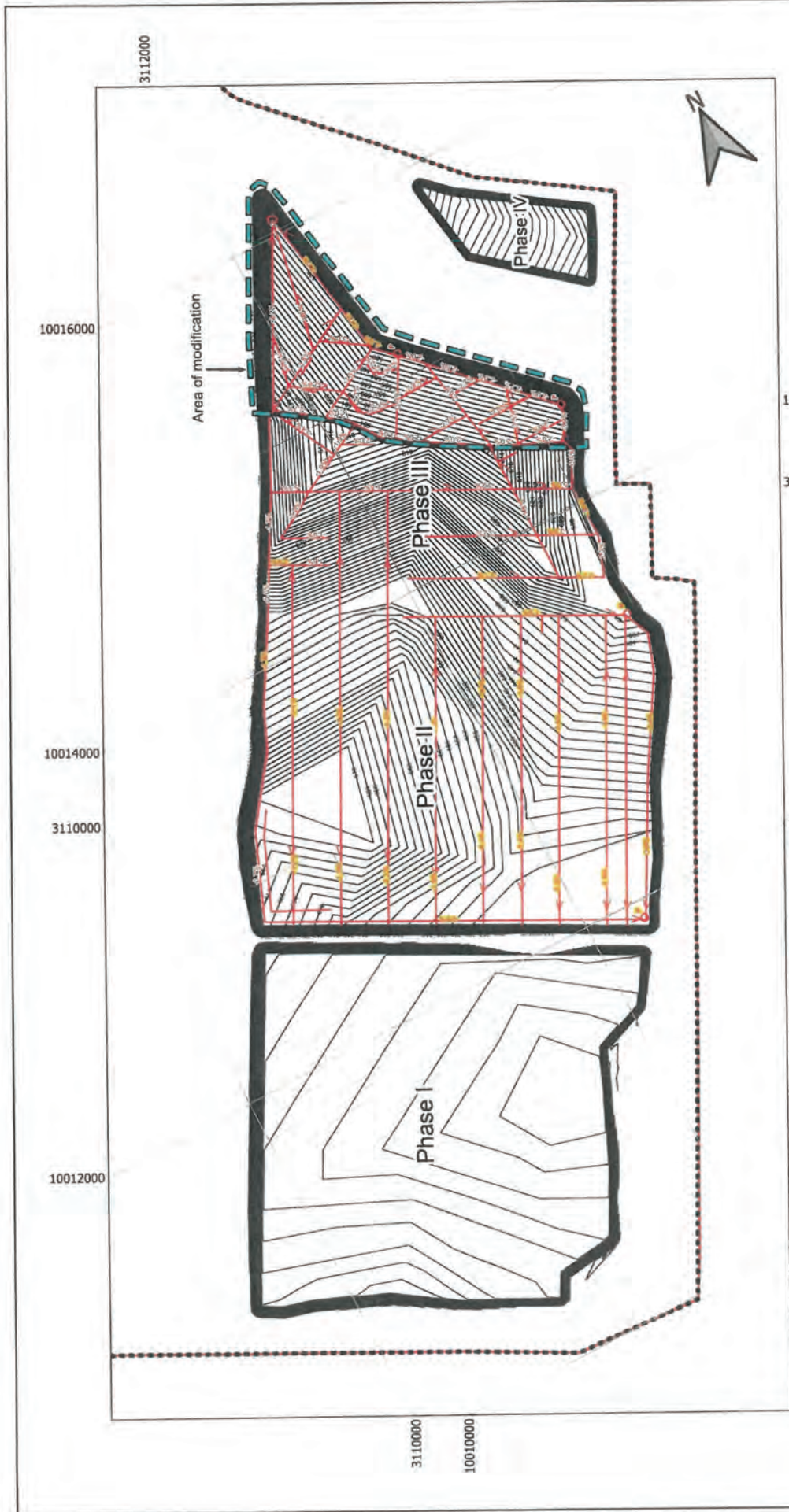
- LEGEND**
- PROPERTY BOUNDARY
 - TOE OF 4:1 WASTE FILL SLOPE
 - PROPOSED CONTOUR
 - SHEET FLOW WITH SLOPE
 - EXISTING CONTOURS
- NOTES:**
- REFER TO ATTACH 8-1 THRU 7 FOR BUFFER ZONE PLAN AND PROFILE.
 - REFER TO ATTACH 8-2 THRU 7 FOR BUFFER ZONE PLAN AND PROFILE.
 - REFER TO ATTACH 8-3 THRU 7 FOR BUFFER ZONE PLAN AND PROFILE.
 - REFER TO ATTACH 8-4 THRU 7 FOR BUFFER ZONE PLAN AND PROFILE.
 - REFER TO ATTACH 8-5 THRU 7 FOR BUFFER ZONE PLAN AND PROFILE.
 - REFER TO ATTACH 8-6 THRU 7 FOR BUFFER ZONE PLAN AND PROFILE.
 - REFER TO ATTACH 8-7 THRU 7 FOR BUFFER ZONE PLAN AND PROFILE.

Final cover grades to be revised to reflect volume change for intercept wall removal per Attachment 8-5A, 8-5A-1, 8-5B, 8-5B-1, and 8-5B shown in permit modification to remove wall dated September 2017



Michael K. Stacey
9/1/17

<p>DIPPEL, LILMANN & ASSOCIATES, INC. ENGINEERS • PLANNERS • SURVEYORS 4000 CAPITAL OF TEXAS BOULEVARD • AUSTIN, TEXAS 78704</p>	<p>SITE DEVELOPMENT PLAN</p>	<p>TEXAS DISPOSAL SYSTEMS TRAVIS COUNTY</p>	<p>LANDFILL COMPLETION PLAN PHASE II (FINAL)</p>	<p>DESIGN/R.C. CHECKED-JCB DRAWN-D.R. Snyder/RT. DATE: FEBRUARY, 1988</p>	<p>ATTACHMENT 9-6 Revised 2/24/23</p>
	<p>9-6-88</p>				



NOTES:
 - LOCATION MAP COORDINATES NAD83 TEXAS STATE PLANE CENTRAL (FEET)

Attachment 5-6.1.
 Subsurface Grades and
 Phase III/III Leachate Trenches
 and Permanent Sumps
 Texas Disposal Systems Landfill, Inc.
 Type I MSW Landfill, Creedmoor, Texas

Project No.: 2123
 Date: Revised 08/07/2023



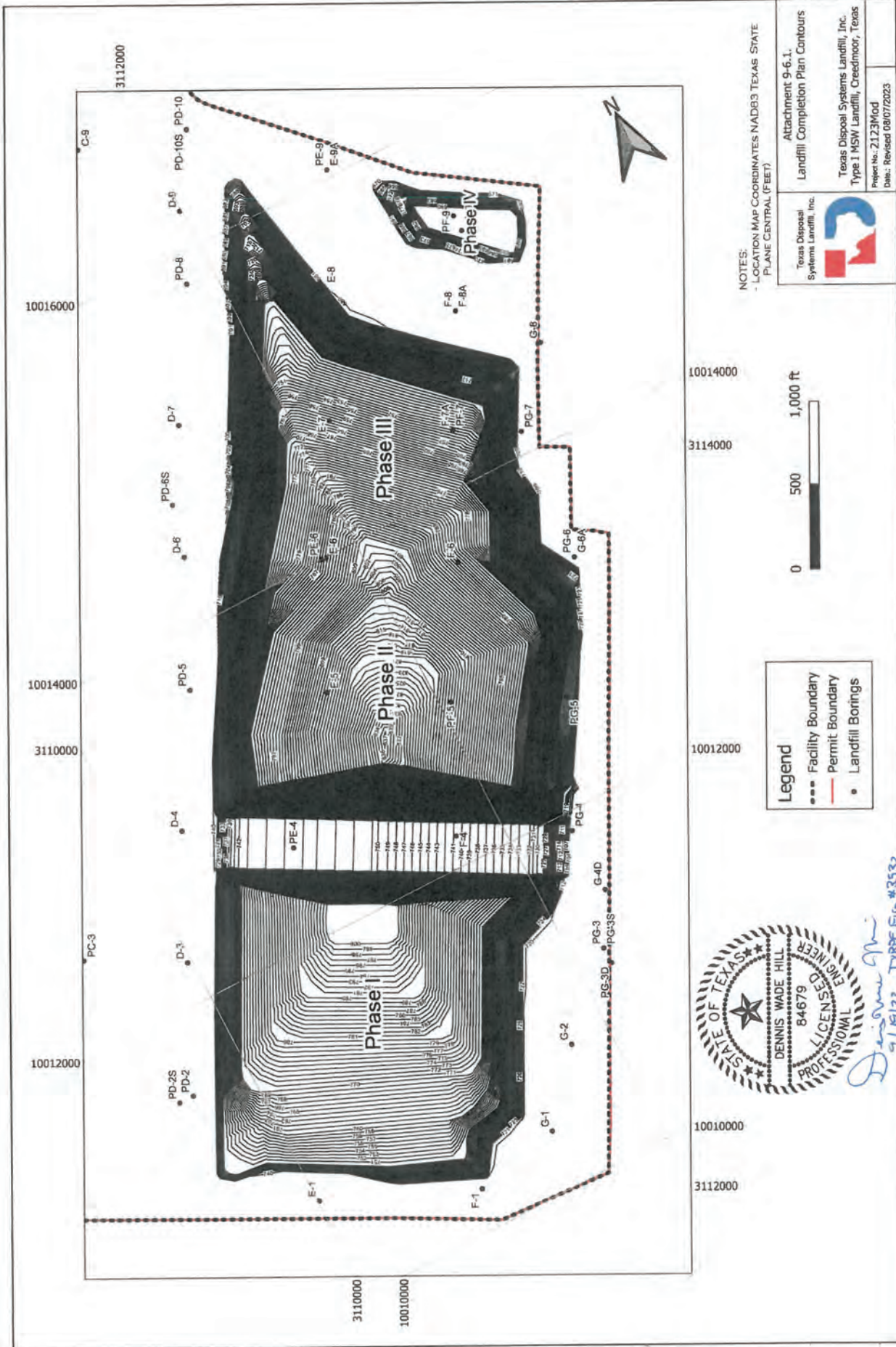
Legend	
	Leachate Trenches and Permanent Sumps
	Subsurface Grades
	Facility Boundary
	Permit Boundary



Dennis Wade Hill
 5/19/13 T289E Fm#3532

10010000
 3112000

3110000
 10010000



NOTES:
 - LOCATION MAP COORDINATES NAD83 TEXAS STATE PLANE CENTRAL (FEET)

Attachment 9-6.1.
 Landfill Completion Plan Contours

Texas Disposal Systems Landfill, Inc.



Texas Disposal Systems Landfill, Inc.
 Type 1 MSW Landfill, Creedmoor, Texas
 Project No.: 2123Mod
 Date: Revised 08/07/2023

Legend

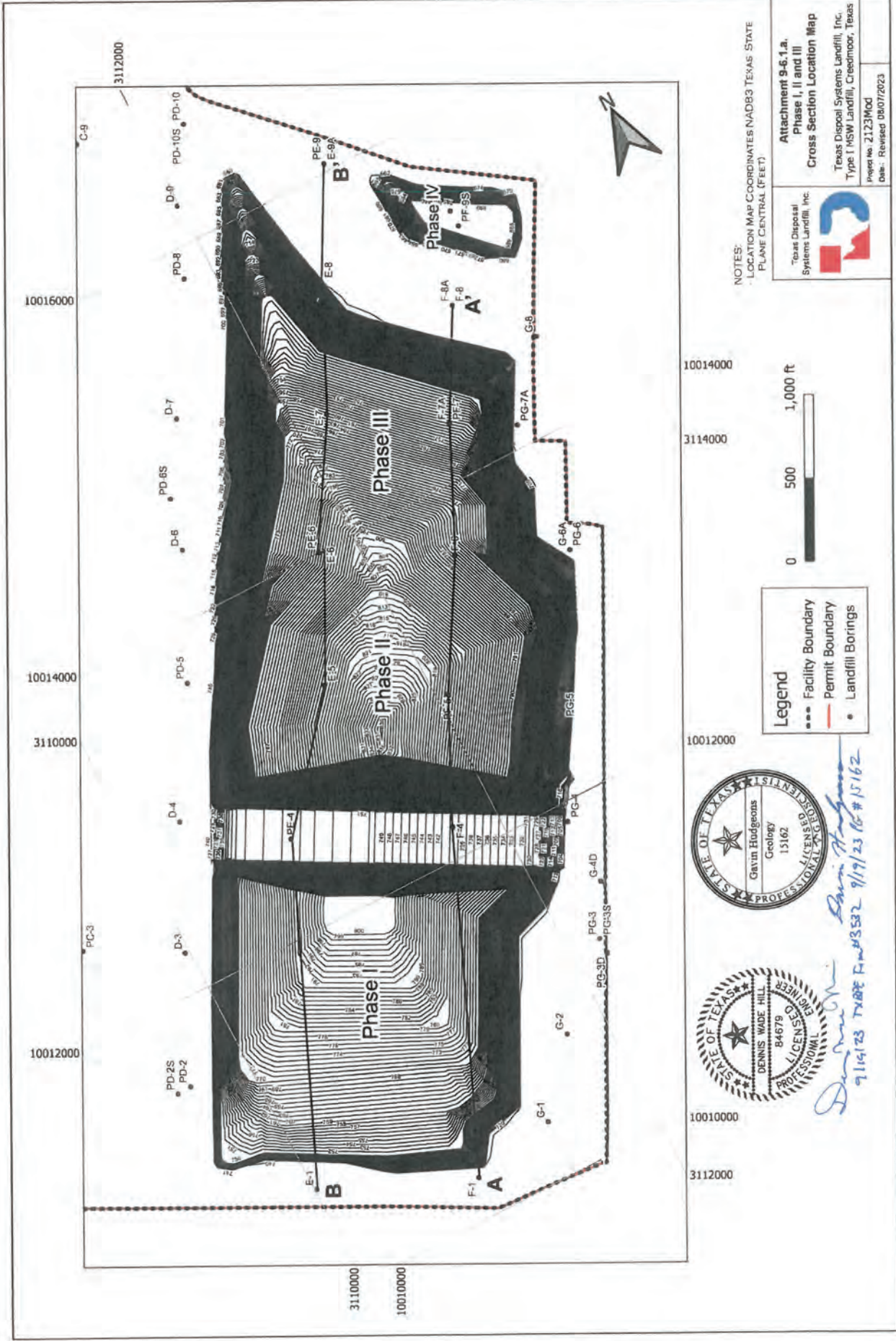
- Facility Boundary
- Permit Boundary
- Landfill Borings



Dennis Wade Hill
 9/14/23 TRBPE File #3532

10010000 10012000 10014000 10016000 3112000 3114000 3116000 3118000

3110000
 10010000



NOTES:
 LOCATION MAP COORDINATES NAD83 TEXAS STATE
 PLANE CENTRAL (FEET)



Attachment 9-6.1.a,
 Phase I, II and III
 Cross Section Location Map

Texas Disposal Systems Landfill, Inc.
 Type I MSW Landfill, Creedmoor, Texas
 Project no. 2123MOD
 Date: Revised 08/07/2023



Legend

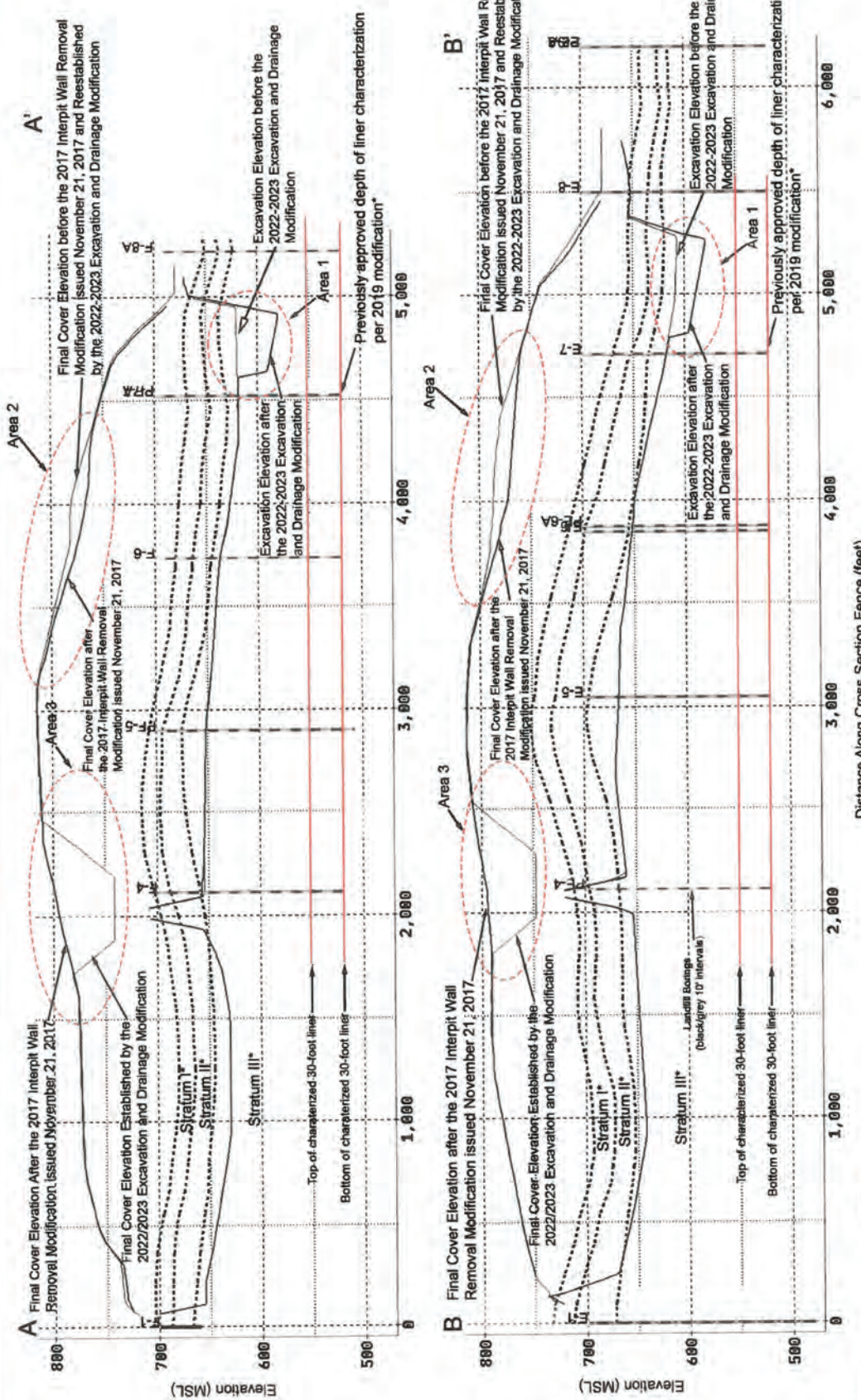
- Facility Boundary
- Permit Boundary
- Landfill Borings

10012000 10014000 10016000

3112000 3114000 3116000

Dennis Wade Hill
 9/19/23 TX REG FWD 3532 9/19/23 RG #15162

3110000
 10010000



A Final Cover Elevation After the 2017 Intercept Wall Removal Modification Issued November 21, 2017

Final Cover Elevation after the 2017 Intercept Wall Removal Modification Issued November 21, 2017

Final Cover Elevation Established by the 2022-2023 Excavation and Drainage Modification

Excavation Elevation before the 2022-2023 Excavation and Drainage Modification

Excavation Elevation after the 2022-2023 Excavation and Drainage Modification

Excavation Elevation before the 2022-2023 Excavation and Drainage Modification

Excavation Elevation after the 2022-2023 Excavation and Drainage Modification

Previously approved depth of liner characterization per 2019 modification*

Area 1

Area 2

Area 3

Stratum I*

Stratum II*

Stratum III*

Top of characterized 30-foot lines

Bottom of characterized 30-foot lines

Distance Along Cross Section Fence (feet)

0 1,000 2,000 3,000 4,000 5,000 6,000

B Final Cover Elevation after the 2017 Intercept Wall Removal Modification Issued November 21, 2017

Final Cover Elevation after the 2017 Intercept Wall Removal Modification Issued November 21, 2017

Final Cover Elevation Established by the 2022-2023 Excavation and Drainage Modification

Excavation Elevation before the 2022-2023 Excavation and Drainage Modification

Excavation Elevation after the 2022-2023 Excavation and Drainage Modification

Excavation Elevation before the 2022-2023 Excavation and Drainage Modification

Excavation Elevation after the 2022-2023 Excavation and Drainage Modification

Previously approved depth of liner characterization per 2019 modification*

Area 1

Area 2

Area 3

Stratum I*

Stratum II*

Stratum III*

Landfill Borings (black/grey 10' intervals)

Top of characterized 30-foot lines

Bottom of characterized 30-foot lines

Distance Along Cross Section Fence (feet)

0 1,000 2,000 3,000 4,000 5,000 6,000



2/14/2021

Dennis Wade Mill

Notes:

- Three areas identified for modification (depicted by dash red lines) to result in no net gain in Landfill Volume:
- Area 1 - Modification of design within Phase III (Total Volume Addition 810,041 cubic yards)
- Area 2 - Modification of design over Phases I/II to its originally permitted design prior to the 2017 Permit Modification for Removal of Intercept Wall Between Phases II and III and Readjustment of Final Cover Elevations to Result in a no Net Gain in Landfill Volume (Total Volume Addition 522,137 cubic yards)
- Area 3 - Modification of design over Phases I/II (over Ditch A) (Total Volume Reduction 1,332,178 cubic yards)
- Stratum definitions, boring plan, and liner characterization as approved per Subchapter J Groundwater Monitoring Permit Modification (See Executive Summary page II, last paragraph), February 25, 2019.



Attachment 9-6.1.b.
Phases I, II and III
Cross Sections

Texas Disposal Systems Landfill, Inc.
Type I MSW Landfill, Creedmoor, Texas

Project No.: 2123
Date: Revised 2/24/2023

Appendix B - No Net Increase in Capacity Demonstration

TDSL received its permit to operate a Type I Municipal Solid Waste Disposal Landfill, MSW Permit No. 2123, on September 4, 1990. Actual landfilling began on February 1, 1991. The original permit area encompassed a total of 341.46 acres with four below grade development phases. The originally permitted Landfill Completion Plan, Attachment 9-6 dated February 1988, shows the original permitted final cover elevations. In a modification approved November 21, 2017, the originally permitted Landfill final cover elevations were reduced slightly to offset the removal of the interpit wall between Phases II and III. The completion plan following the November 21, 2017 modification is shown in Attachment 9-6A-3 Grading Plan – Proposed Top Cover Reduction, dated September 1, 2017.

The proposed modifications to the landfill completion plan contours are shown in this submittal on Attachment 9-6.1, Landfill Completion Plan Contours.

Three areas are identified for modification (depicted by dash lines with labels that mark and enclose Areas 1, 2, and 3 on the cross sections depicted in Attachment 9-6.1.b.) to result in no net gain in Landfill Volume. Calculations were performed using *AutoCAD Civil 3D*.

Area 1 – Modification of design within Phase III (Total Volume Addition 810,041 cubic yards).

Area 2 – Modification of design over Phases II/III to its originally permitted design prior to the '2017 Permit Modification for Removal of Interpit Wall Between Phases II and III and Readjustment of Final Cover Elevations to Result in a no Net Gain in Landfill Volume' (Total Volume Addition 522,137 cubic yards).

Area 3 – Modification of design over Phases I/II (over Ditch A) (Total Volume Reduction 1,332,178 cubic yards).

Summary Table

Area ID	Volume Change (cu yds)	Notes
Area 1	810,041	Increase
Area 2	522,137	Increase
Area 3	-1,332,178	Decrease
Difference	0	No Net Change

Appendix C - Landowner's Name and Address per TCAD

Appendix C - Landowner's Name and Address per TCAD - Revised 8/25/2023

Property ID	Name	Mailing Address	City	State	Zip Code
1	531613 HERNANDEZ ALEJANDRO & MARCO ANTONIO ALVARADO & FROYLAN MADRIGAL BENITEZ	10901 OLD LOCKHART RD	AUSTIN	TX	78747
2	464376 CHAMINADE CAPITAL CORPORATION % SANDRA L LIPPARD	10915 OLD LOCKHART RD	AUSTIN	TX	78747
3	464380 CHAMINADE CAPITAL CORPORATION % SANDRA L LIPPARD	10915 OLD LOCKHART RD	AUSTIN	TX	78747
4	464378 ASSOCIATES FINANCIAL SERVICES % CARLOS MORA & FAUSTINO ALVARADO	11015 OLD LOCKHART RD	AUSTIN	TX	78747
5	446282 SALINAS MARIA A & RICARDO M SALINAS	11117 OLD LOCKHART RD	AUSTIN	TX	78747
6	352566 GUERRERO MARIA ALEJANDRA & JUANA MARIA GONZALEZ MIRANDA	12410 WRIGHT RD	CREEDMOOR	TX	78610
7	352560 CONTRERAS MICHAEL R SR & NATALINA M CONTRERAS	12515 PALMER RD	CREEDMOOR	TX	78610
8	300490 PERRY COMPANY THE ATTN LINDA PERRY	5905 OVERLOOK DR	AUSTIN	TX	78731
9	300608 PERRY COMPANY THE ATTN LINDA PERRY	5905 OVERLOOK DR	AUSTIN	TX	78731
10	299818 RODRIGUEZ VICTOR & PEDRO RODRIGUEZ & VICTOR ANTONIO RODRIGUEZ	7304 BETHUNE AVE #B	AUSTIN	TX	78752
11	300529 MANCHACA JESSE WAYNE ETAL % PAULA SEGURA	8111 TREEHOUSE LN	AUSTIN	TX	78749
12	779119 MERITAGE HOMES OF TEXAS LLC & TAYLOR MORRISON INC & TRENDMAKER HOMES INC	8920 BUSINESS PARK DR STE 350	AUSTIN	TX	78759
13	299813 HUNT LLOYD EARL TRUSTEE	PO BOX 828	BUDA	TX	78610
14	352534 TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
15	300573 TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
16	371702 ALFARO MARTIN & SANDRA	10708 THAXTON RD	AUSTIN	TX	78747
17	299807 BERNHARD GARY C & LIBBY	206 E 15TH ST APT 9	AUSTIN	TX	78701
18	299799 BERNHARD GARY CHARLES	206 E 15TH ST APT 9	AUSTIN	TX	78701
19	300563 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
20	300570 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
21	300571 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
22	300586 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
23	300591 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
24	300592 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
25	300596 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
26	300597 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
27	352547 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
28	352548 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
29	352550 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
30	352551 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
31	352556 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
32	352557 BGICO LLC	PO BOX 17126	AUSTIN	TX	78760
33	762133 BOCANEGRA MANUEL D & ADRIANA FLORES	10909 THAXTON RD	AUSTIN	TX	78747
34	300486 CAGE VIRGINIA S MORRIS	4807 HILLDALE DR	AUSTIN	TX	78723
35	300491 CEMETERY				
36	351861 CEMETERY				
37	464394 CISNEROS LETICIA OCHOA	10817 OLD LOCKHART RD	AUSTIN	TX	78747
38	351857 CREEDMOOR MAHA WATER SUPPLY CORP	12100 LAWS RD	BUDA	TX	78610
39	352558 CREEDMOOR MAHA WATER SUPPLY CORP	12100 LAWS RD	BUDA	TX	78610
40	300528 DAVIS DONNA	11419 OLD LOCKHART RD	CREEDMOOR	TX	78610
41	464377 DOMINGUEZ ARNULFO & MARY	11103 OLD LOCKHART RD	AUSTIN	TX	78747
42	724159 FLORES ENRIQUE & MARIA	10755 OLD LOCKHART RD	AUSTIN	TX	78747
43	352545 FM 1327 ENTERPRISES LP	833 CASTLE RIDGE RD	AUSTIN	TX	78746
44	956762 FM 1327 REAL ESTATE LLC	1001 KINGSTON PL	CEDAR PARK	TX	78613
45	299819 GARCIA DANIEL	10727 OLD LOCKHART RD	AUSTIN	TX	78747
46	464379 GARCIA JOSE	11001 OLD LOCKHART RD	AUSTIN	TX	78747
47	300600 GOMEZ ALFREDO	11401 HUNTERS RIDGE RD	CREEDMOOR	TX	78610
48	352553 GOMEZ ODILON H & BLANCA PAZ	12400 WRIGHT RD	BUDA	TX	78610
49	464381 HERNANDEZ ANTONIO & MARIA	10909 OLD LOCKHART RD	AUSTIN	TX	78747
50	707962 HERNANDEZ JUAN GAMEZ & HILDA RAMOS	10741 OLD LOCKHART RD	AUSTIN	TX	78747
51	300598 JAIMES PEDRO & HILDA SANTOS	11601 HUNTERS RIDGE RD	CREEDMOOR	TX	78610
52	300595 LEDESMA JOSE & VERA	11604 HUNTERS RIDGE RD	CREEDMOOR	TX	78610
53	722141 LEUA BRENDA ISELA	10105 WIND CAVE TRL	AUSTIN	TX	78747
54	508658 LOPEZ NICHOLAS JR	10737 OLD LOCKHART RD	AUSTIN	TX	78747
55	300493 LORI HUNT PROPERTIES LLC	PO BOX 828	BUDA	TX	78610
56	722159 LUNAIRE GROUP LP	95 E PRICE RD BLDG E	BROWNSVILLE	TX	78521
57	300589 MARTINEZ JOEL & SANTANA	9401 CLIFFBROOK DR	AUSTIN	TX	78747
58	464384 MAYA CANDELARIO SR	10811 OLD LOCKHART RD	AUSTIN	TX	78747
59	300488 MORRIS FRED	11412 OLD LOCKHART RD	CREEDMOOR	TX	78610
60	352552 MUNOZ HECTOR G & NORMA P	3305 FM 1327	BUDA	TX	78610
61	707963 NACONA LAND COMPANY LIMITED	10739 OLD LOCKHART RD	AUSTIN	TX	78747
62	300599 NAVA ROMMELL ANGEL & GRISELDA	11501 HUNTERS RIDGE RD	CREEDMOOR	TX	78610
63	300593 NAVARRO EDUARDO	11478 OLD LOCKHART RD	CREEDMOOR	TX	78610
64	300555 NAVARRO EDUARDO & MARILU	11478 OLD LOCKHART RD	CREEDMOOR	TX	78610
65	301045 NEC WRIGHT N 45 LLC	1327 BALINT LN	FRISCO	TX	75035
66	351866 NEIRA ROGELIO B & MAGDALENA B	10258 OLD LOCKHART RD	AUSTIN	TX	78747
67	352563 NELSON JOHN W & MARY A NELSON	12503 PALMER RD	BUDA	TX	78610
68	885006 NELSON MICHAEL W & SABRINA A	12503 PLAMER RD	BUDA	TX	78610
69	352567 ORR CYNTHIA & MICHAEL	12075 LINCOLNSHIRE DR	AUSTIN	TX	78758
70	352568 ORR MICHAEL & CYNTHIA	12075 LINCOLNSHIRE DR	AUSTIN	TX	78758
71	464421 PEÑA MARTINA	11210 THAXTON RD	AUSTIN	TX	78747
72	300530 PLEASANT VALLEY CHURCH	PO BOX 6102	AUSTIN	TX	78762
73	464389 QUILL JAMES T & MARTHA J SULLIVAN	11123 OLD LOCKHART RD	AUSTIN	TX	78747
74	464382 QUINTANILLA ALBERT	10905B OLD LOCKHART RD	AUSTIN	TX	78747
75	531615 SALINAS ROBERTO & RUTH	11117 OLD LOCKHART RD APT A	AUSTIN	TX	78747
76	300594 SANCHEZ ERNEST Y & ESTHER J	11600 HUNTERS RIDGE RD	CREEDMOOR	TX	78610
77	300587 SNYDER RICHARD LEROY & NANCY E	11711 CARL RD	CREEDMOOR	TX	78610
78	508657 SOLIS ARACELI PONCE	11127 OLD LOCKHART RD	AUSTIN	TX	78747
79	352554 STARY RANDY J & MARTHA C	1964 PALMER RD	BUDA	TX	78610
80	300607 TEMPLO APOSTOLICO	1600 MONTOPOLIS DR	AUSTIN	TX	78741
81	300484 TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
82	300492 TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
83	300519 TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
84	300553 TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
85	300588 TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760

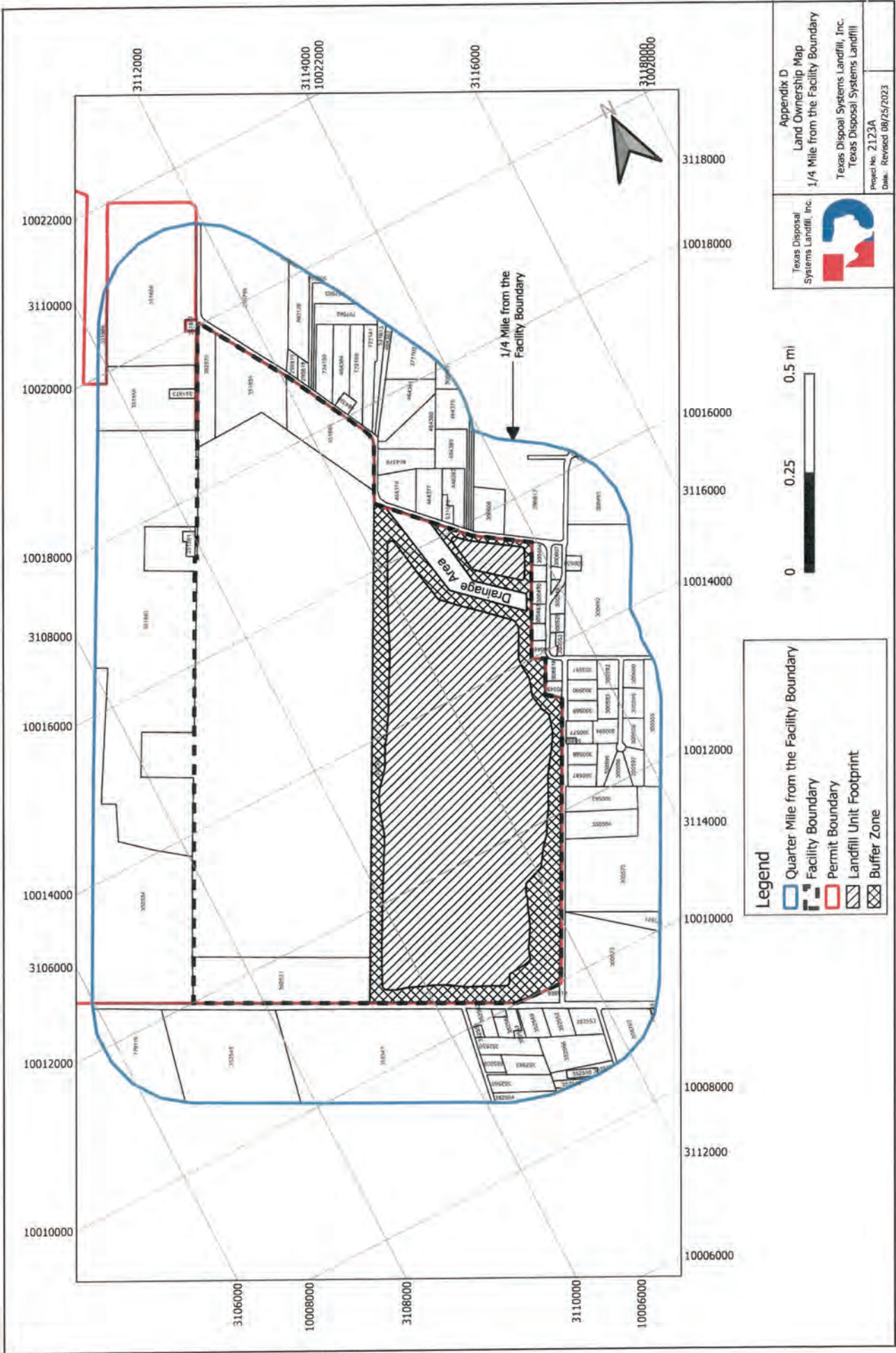
86	300606	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
87	351835	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
88	351856	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
89	351858	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
90	351863	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
91	351864	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
92	351873	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
93	352531	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
94	352532	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
95	352549	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
96	352562	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
97	382570	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
98	726401	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
99	936818	TEXAS DISPOSAL SYSTEMS INC	PO BOX 17126	AUSTIN	TX	78760
100	936819	TEXAS DISPOSAL SYSTEMS LANDFILL INC	PO BOX 17126	AUSTIN	TX	78760
101	352559	TEXAS DISPOSAL SYSTEMS LANDFILL INC ETAL	PO BOX 17126	AUSTIN	TX	78760
102	300487	THE PERRY COMPANY	5905 OVERLOOK DR	AUSTIN	TX	78731
103	300577	TJFA L P	PO BOX 17126	AUSTIN	TX	78760
104	508688	TJFA L P	PO BOX 17126	AUSTIN	TX	78760
105	300590	TORRES JULIO & ISABEL	6610 FM RD 1327	AUSTIN	TX	78747
Facility Easement Holders						
106		PERERNALES ELECTRIC COOPERATIVE INC.	PO BOX 1	JOHNSON CITY	TX	78636-0001
107		CREEDMOOR MAHA WATER SUPPLY CORP	13709 SCHRIBER RD	BUDA	TX	78610
108		AUSTIN ENERGY	4815 MUELLER BLVD	AUSTIN	TX	78723-3573
109		VALERO ENERGY COPORATION	ONE VALERO WAY	SAN ANTONIO	TX	78249
107 acre 1/32 Non-Participating Mineral Interest Holder						
110		Estate of Nannie J. Thaxton	Notice by Publication Only			

Appendix D - Landowner's Map

The facility boundary map has been revised to expand the facility boundary within the permit boundary. This map is shown in Appendix D. The 2019 buffer zone modification issued December 30, 2019 laterally expanded the permit boundary, and as such, the permit boundary was appropriate to use for notification purposes. 30 Tex. Admin. Code Section 330.59(c)(3)(A) requires the land ownership map to “show all property ownership within ¼ mile of the facility, and all mineral interest ownership under the facility.” TCEQ defines the term “facility” as “all contiguous land and structures, other appurtenances, and improvements on the land used for the storage, processing, or disposal of solid waste.” 30 Tex. Admin. Code § 330.3(52); see also id. § 330.3(91) (definition of “municipal solid waste facility”).

After a review of this definition in conjunction with several other defined terms in TCEQ’s rules (including “municipal solid waste landfill unit,” “waste management unit boundary,” and “buffer zone”) and various provision of the Chapter 330 MSW rules, TDSL has redrawn the “facility boundary” to include not just the landfill footprint but also other structures, appurtenances, and improvements, including the composting operation and the appropriate buffer zones. This “facility boundary,” shown on Attachment D, is based on TCEQ’s definition of “facility” and incorporates all areas traditionally included within the facility boundary.

When the TDSL landfill permit area was expanded in 2019, it specifically identified that the vast majority of the area to the west of the then existing permitted landfill was for ancillary activities, not MSW processing or disposal. Because that area is not used for storage, processing, or disposal of solid waste, and because the entirety of the area is not necessary to meet the buffer zone requirements set out in the Chapter 330 rules, that area does not meet TCEQ’s definition of facility, and thus, is not included in the “facility boundary.”



- Legend**
- Quarter Mile from the Facility Boundary
 - Facility Boundary
 - Permit Boundary
 - Landfill Unit Footprint
 - Buffer Zone



Appendix D
 Land Ownership Map
 1/4 Mile from the Facility Boundary
 Texas Disposal Systems Landfill, Inc.
 Texas Disposal Systems Landfill
 Project No. 2123A
 Date: Revised 08/25/2023