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***Creating Solutions. Building Trust.***

July 21, 2025

Project No. 23-01-200

Alan Pineda, PE  
Professional Engineer  
Bureau of Industrial Site Cleanup  
Nevada Division of Environmental Protection  
375 E. Warm Springs Rd., Ste. 200  
Las Vegas, NV 89119

Attn: Mr. Pineda

Re: **Modification No. 7 to the Remedial Design Report**  
Hydro Pit Liner, Revision 1  
Three Kids Mine, Henderson, Nevada

Dear Mr. Pineda:

Broadbent & Associates, Inc. (Broadbent) is pleased to submit this revised modification to the *Remedial Design Report, Revision 1* for the Three Kids Mine located in Henderson, Nevada.

Please do not hesitate to contact us if you should have any questions or require additional information.

Sincerely,  
BROADBENT & ASSOCIATES, INC.

Kirk Stowers, CEM  
Principal Geologist

CC: JD Dotchin, NDEP  
Joe McGinley, McGinley & Associates, Inc.  
Caitlin Jelle, McGinley & Associates, Inc.  
Ann Verwiell, ToxStrategies  
Robert Unger, Lakemoor Ventures LLC  
Mindy Unger-Wadkins, Lakemoor Ventures LLC  
Leo Drozdoff, Drozdoff Group, LLC  
Karen Gastineau, Broadbent & Associates, Inc.  
Christene Klimek, City of Henderson  
Sean Robertson, City of Henderson  
Stephanie Garcia-Vause, City of Henderson  
Anthony Molloy, City of Henderson  
Quincy Edwards, Pulte Group  
Doug Adair, Pulte Group  
Paul Kenner, on behalf of Pulte Group  
Michael Ford, Snell & Wilmer  
Brad Cahoon, Dentons  
Bryan Douglass, Douglass, Inc.  
Charles M. Damus, Laker Development, LLC  
Darryn Padfield, River Mountain Bike Shop  
David Grossheim, Laker Plaza, Inc.  
Frank Sator, Laker Development, LLC  
Laird Sanders, Lake Mead Boat Storage  
Rhonda Sanders, Lake Mead Boat Storage  
Tyler Cahoon, Dentons

**Modification No. 7 to the Remedial Design Report, Revision 1**  
**Hydro Pit Liner, Revision 1**  
**Three Kids Mine**  
**Henderson, Nevada**

JURAT: I, Karen Gastineau, certify that I am responsible for the services in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, State, and local statutes, regulations, ordinances, and the requirements of the Mine Remediation and Reclamation Agreement and Administrative Order on Consent for the Three Kids Mine Site.



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**Karen Gastineau**  
**Senior Hydrogeologist**  
**CEM #2468 (4/1/2027)**

July 21, 2025

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**Date**

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## TECHNICAL MEMORANDUM

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To: Alan Pineda, Nevada Division of Environmental Protection

From: Karen Gastineau, Broadbent & Associates, Inc.

Subject: Modification No. 7 to the Remedial Design Report  
Hydro Pit Liner, Revision 1  
Three Kids Mine Site, Henderson, Nevada

Date: July 21, 2025

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This Technical Memorandum presents Modification No. 7 to the *Remedial Design Report, Revision 1* dated March 4, 2024 (Remedial Design Report) for the Three Kids Mine Site (Site) in Henderson, Nevada. This modification presents changes to the Hydro Pit liner design.

### Hydro Pit Liner Redesign

The Hydro Pit liner design in the Remedial Design Report is depicted in Figure G-15, and Figure G-16 depicts the elevation with the two feet of cover as required by the Record of Decision (Nevada Division of Environmental Protection [NDEP] 2023). The original design conceptualized that the entire Hydro Pit would be filled with a tailings-waste rock mixture; however, the actual volume of tailings excavated and the waste rock required for compaction did not fill the Hydro Pit to its rim. Additionally, planned stormwater infrastructure previously included a detention basin over the Hydro Pit liner, but the future development's stormwater system no longer includes a detention basin over the Hydro Pit.

To allow for a thicker cover above the liner which will provide greater protection of the liner, a redesigned liner was created and presented herein. The lower liner elevation and increased cover thickness on top of the liner also allows for more flexibility with park design features for future development. The redesigned final grades over the Hydro Pit are depicted in GRD-1, the liner elevation is depicted in GRD-2, and six profiles of the backfilled Hydro Pit, liner, and cover are presented as PROF-1 through PROF-6. Figure G-17 from the Remedial Design Report was also revised to clarify the anchor trench design.

### Attachments

GRD-1	Community Park C Grading Plan
GRD-2	Hydro Pit Liner Grading Plan
PROF-1	Hydro Pit Liner and Park Profile 1
PROF-2	Hydro Pit Liner and Park Profile 2
PROF-3	Hydro Pit Liner and Park Profile 3
PROF-4	Hydro Pit Liner and Park Profile 4
PROF-5	Hydro Pit Liner and Park Profile 5
PROF-6	Hydro Pit Liner and Park Profile 6
Figure G-17 (Rev 2)	Hydro Pit Liner Details
A	Responses to NDEP Comments

### References

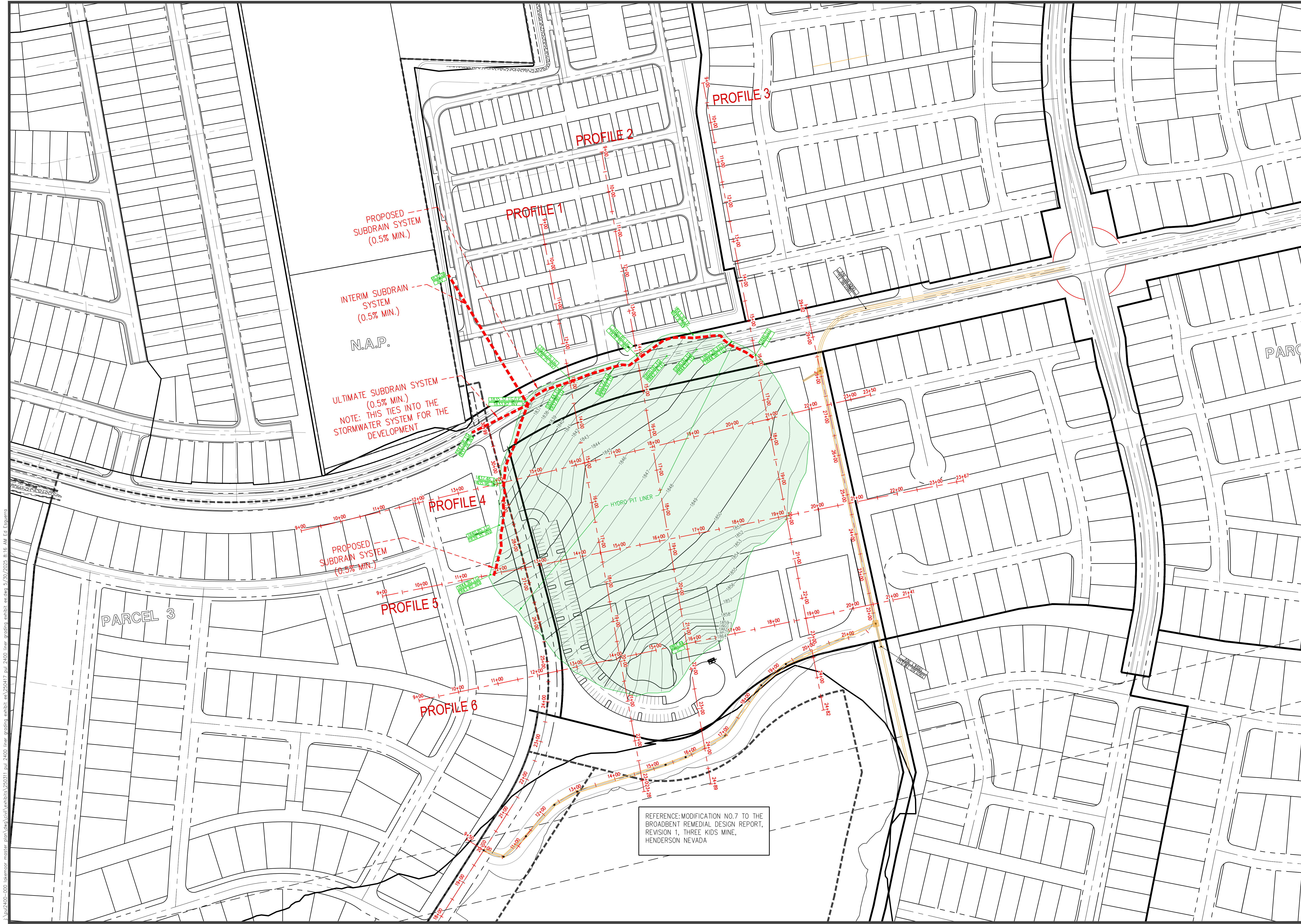
Broadbent. 2024. Remedial Design Report, Revision 1, Three Kids Mine, Henderson, Nevada. March 4.

NDEP. 2023. Record of Decision, Three Kids Mine, Henderson, Nevada. September.



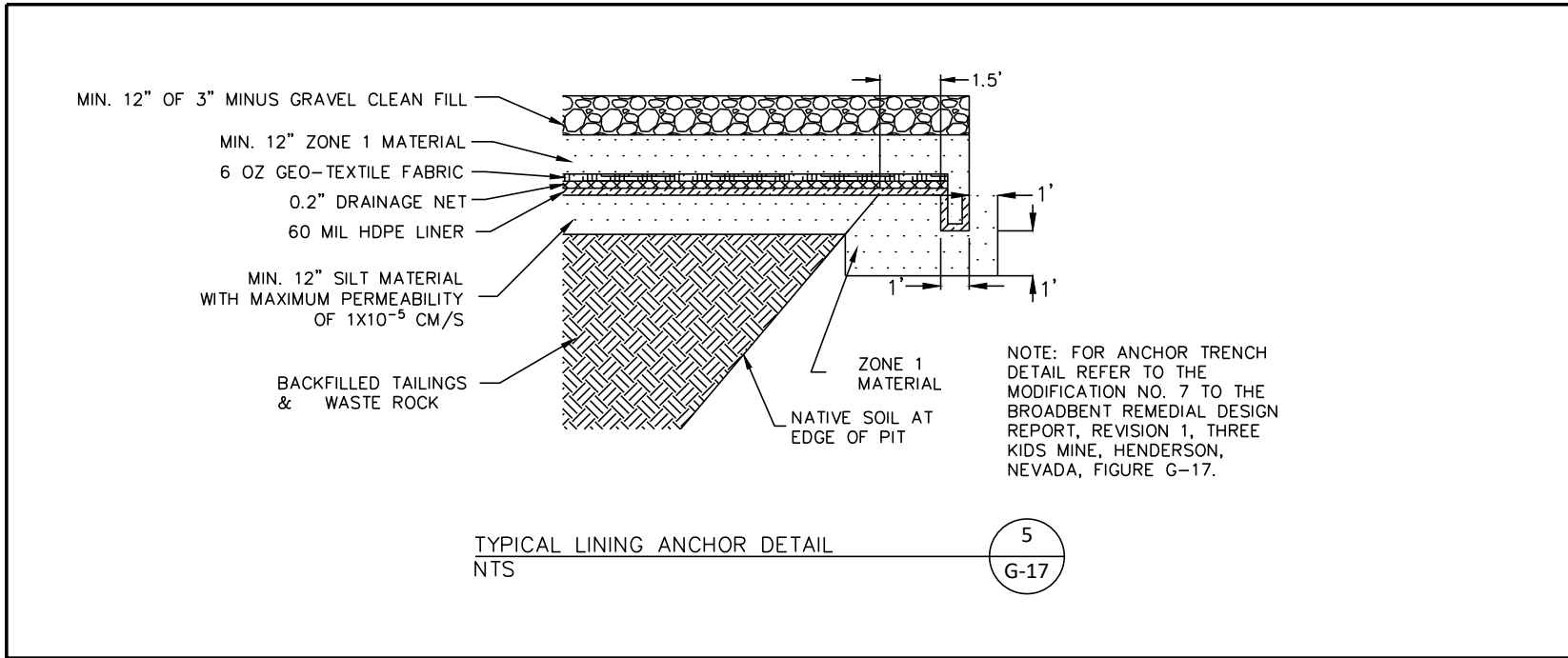
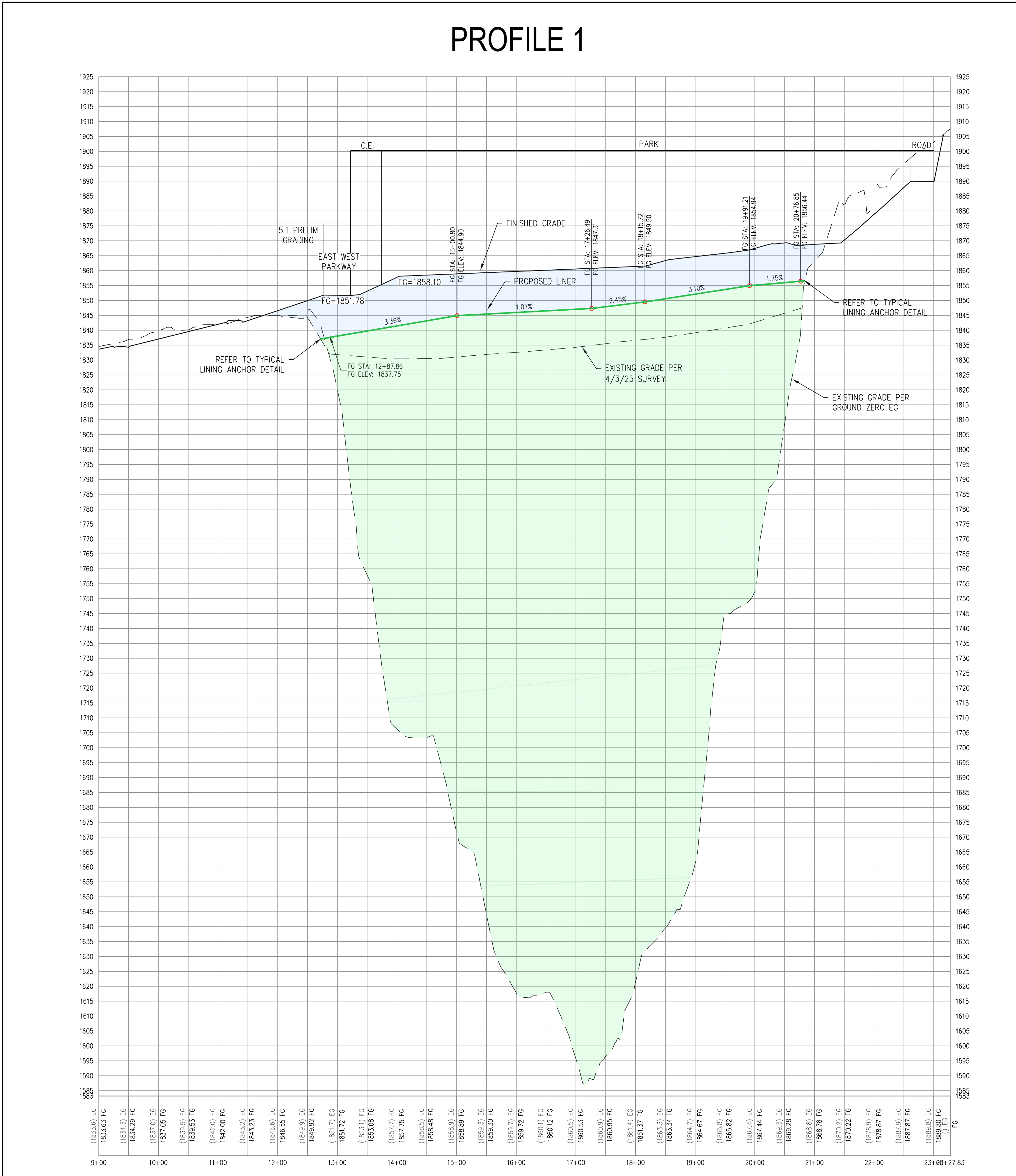








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<b>Westwood</b> 5725 W. Badura Ave. Suite 100 Las Vegas, NV 89118 Phone (702) 284-5300 westwoodps.com Westwood Professional Services, Inc.	APP. DATE	DATE	BY	DESCRIPTION	NO.

**LAKEMOOR**

**HYDRO PIT LINER AND PARK PROFILE 1**

**EXHIBIT**

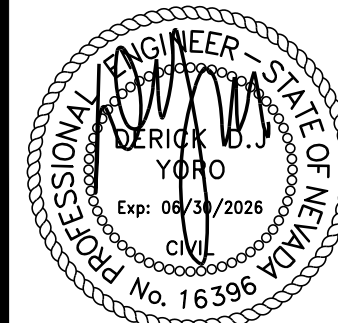
DATE: 5/30/25

DRAFTER: EE

DESIGNER: EE

CHECKED: DY

PROJECT NO.  
**PUL2400**

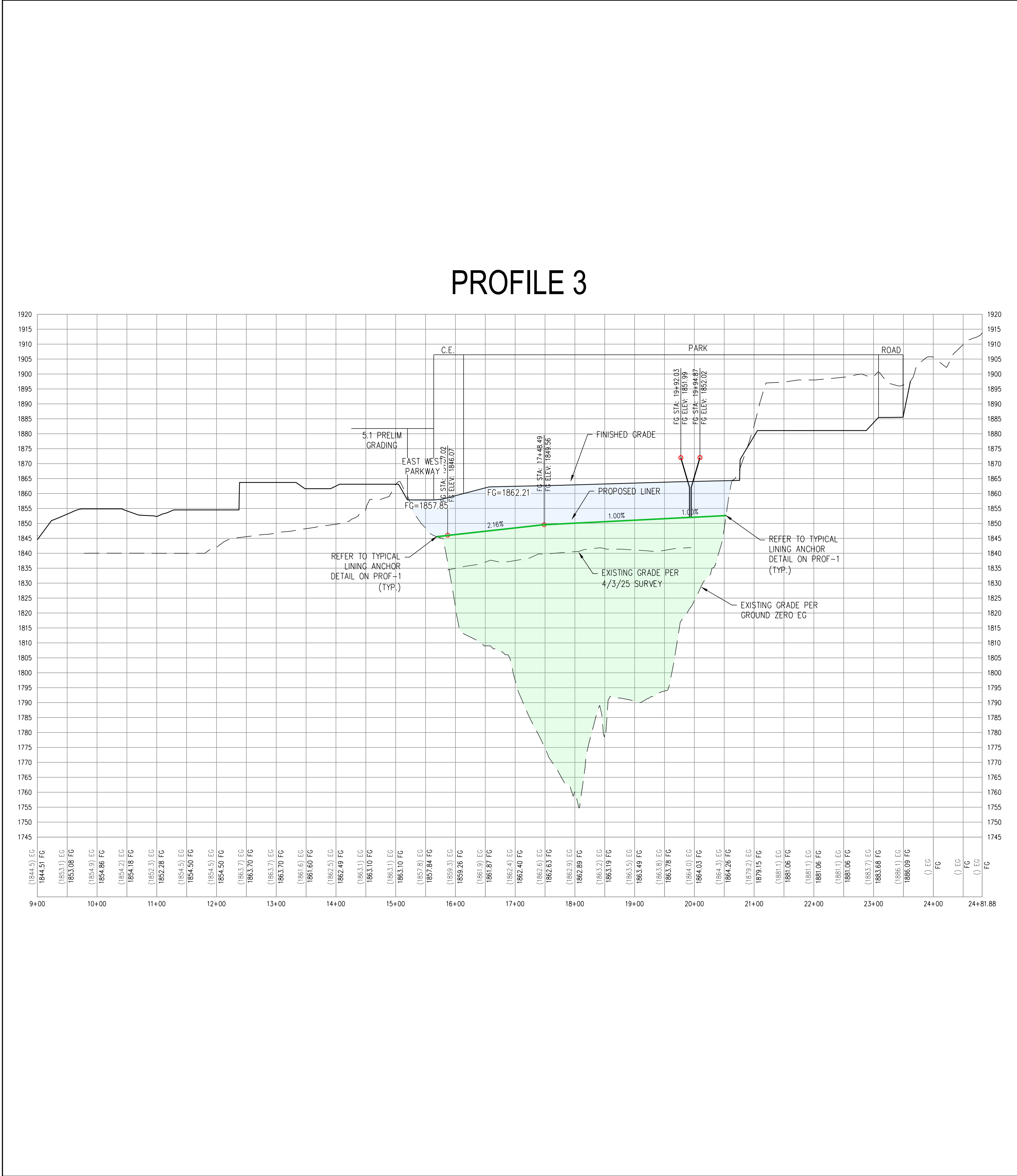


**PROF-1**  
SHEET 3

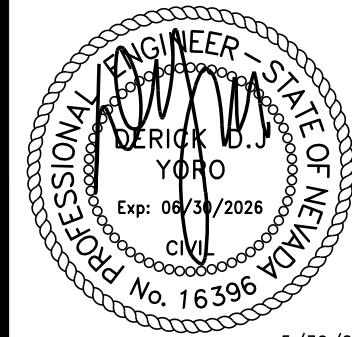
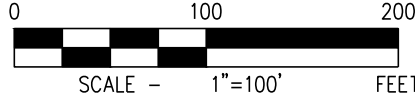
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HORZ: 1" = 100'  
VERT: 1" = 20'



**PROF-3**  
SHEET 5

DATE: 5/30/25  
DRAFTER: EE  
DESIGNER: EE  
CHECKED: DY  
PROJECT NO.  
**PUL2400**

**LAKEMOOR**  
**HYDRO PIT LINER AND PARK PROFILE 3**  
**EXHIBIT**

NO.	DESCRIPTION	DATE	BY	APP. DATE





PROFESSIONAL ENGINEER - STATE OF NEVADA  
 DERRICK D. J. YORO  
 Exp: 06/30/2026  
 CIVIL  
 No. 16396

**PROF-4**  
SHEET 6

**LAKEMOOR**  
**HYDRO PIT LINER AND PARK PROFILE 4**  
**EXHIBIT**

[illegible]

**Westwood**

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Phone (702) 284-5300 5725 W. Badura Ave.  
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Las Vegas, NV 89118  
**westwoodps.com**  
**Westwood Professional Services, Inc.**

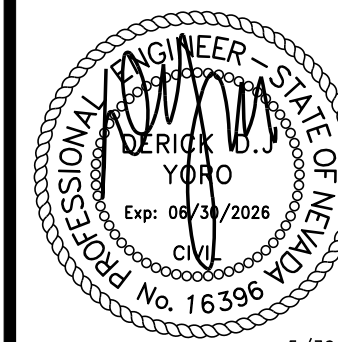




## HYDRO PIT LINER AND PARK PROFILE 5

# EXHIBIT

DATE:	5/30/25
DRAFTER:	EE
DESIGNER:	EE
CHECKED:	DY
PROJECT NO.	<b>PUL2400</b>



**PROF-5**  
SHEET 7

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**Westwood**

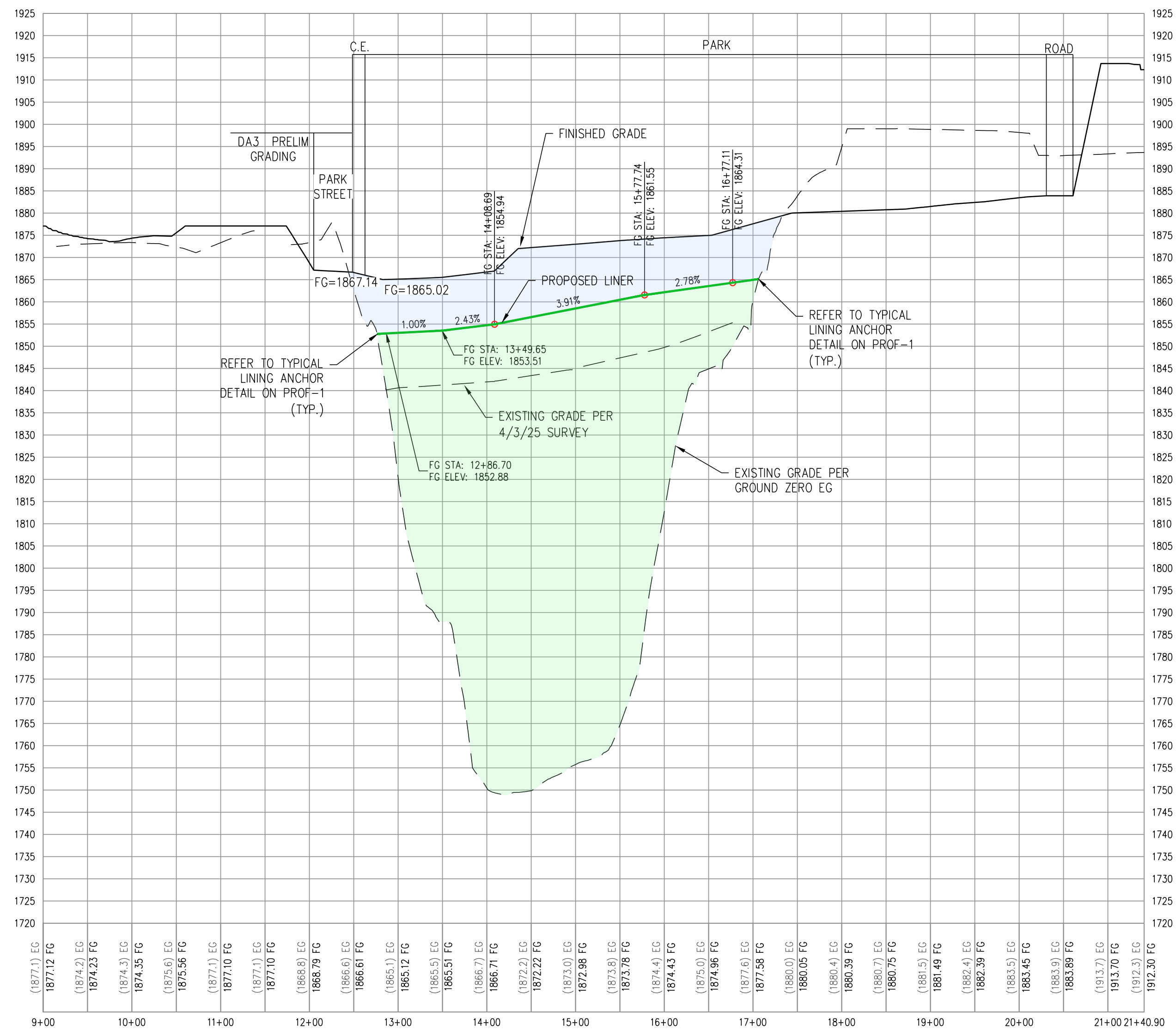
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Suite 100 Las Vegas, NV 89118  
[westwoodps.com](http://westwoodps.com)

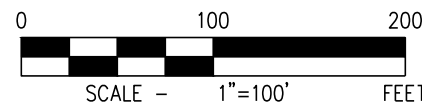
**Westwood Professional Services, Inc.**



## PROFILE 6



HORZ: 1" = 100'  
VERT: 1" = 20'



# LAKEMOOR

## HYDRO PIT LINER AND PARK PROFILE 6

# EXHIBIT

DATE: 5/30/25

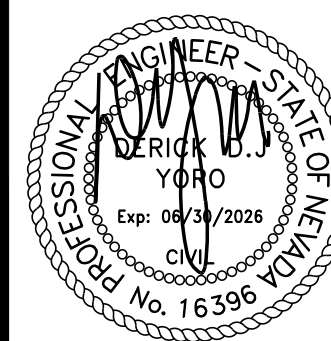
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DESIGNER: EE

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PROJECT NC

**PUL2400**



5/30/25

# PROF-6

SHEET 8







ATTACHMENT A

Responses to NDEP Comments made on June 30, 2025  
to Modification No. 7 to the Remedial Design Report – Hydro Pit Liner, dated June 2, 2025

1. **General Comment #1** – Details 2 and 3 in Figure G-17 include the following text, respectively: “2.4’ BELOW FINISHED GRADE OF LINER” and “2.4’ BELOW FINISHED GRADE.” These values should be updated to reflect the new elevations.

The values in Details 2 and 3 showing depth from ground surface to the bottom of the silt material are variable, depending on the thickness of cover placed in the new design. As a result, the text ““2.4’ BELOW FINISHED GRADE OF LINER” and “2.4’ BELOW FINISHED GRADE” were removed from the figure. Depths can be inferred from attachments GRD-1 and GRD-2. Additionally, a note was added indicated that final depths and elevations to be proposed by the contactor will be approved by an engineer.

2. Detail 3 in Figure G-17 includes an arrow labeled as “ZONE 1 MATERIAL,” but the arrow is pointing to the gravel above the Zone 1 material. The arrow should be extended to point to the Zone 1 material.

Detail 3 in Figure G-17 was revised to extend the arrow labeling “ZONE 1 MATERIAL” to reach the intended layer.