

REPUBLIC
SERVICES

[illegible]

**VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330**

DATE:	JANUARY 2025	DRAWN BY:	JS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:			
APPROVED BY:	322-142		
	JAS		

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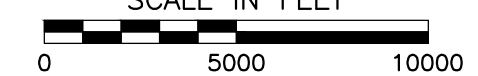


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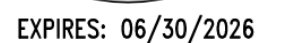
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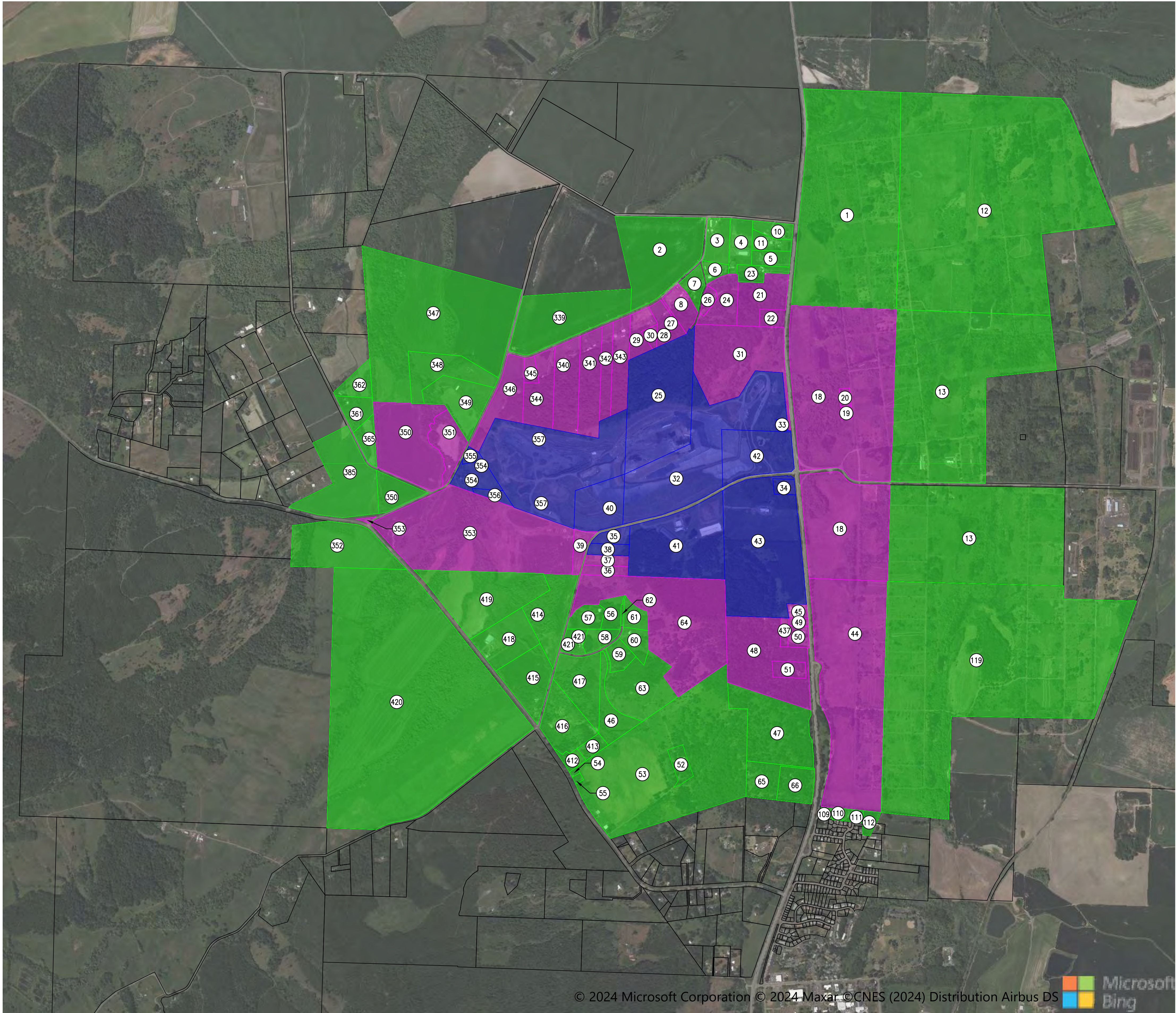
U.S.G.S 7.5 MIN. TOPOGRAPHY MAP,
LEWISBURG QUADRANGLE, OR, DATED 2011



AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM
AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS
COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.

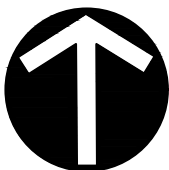


P:\322-142\322-142-CADD\DWG\SWOT\322-142-SWOT-2-Benton County Tax Lots Exhibit.dwg [8] L5(1/22/2025 - 10:02 AM) - LP: 1/20/2025 10:02 AM



LEGEND

- PROPERTY WITH LANDFILL OPERATIONS
- PROPERTY ADJACENT TO LANDFILL OPERATIONS
- PROPERTY ADJACENT TO ADJACENT PROPERTY



NORTH
SCALE IN FEET
0 1,000 2,000

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



SUBMITTAL RECORD		2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.cecinc.com		VALLEY LANDFILLS, INC. COFFIN BUTTE LANDFILL CONDITIONAL USE PERMIT APPLICATION CORVALLIS, OR 97330		BENTON COUNTY TAX LOTS & ZONING		DRAWING NO.: 2	
NO	DATE	DESCRIPTION		DATE		JANUARY 2025		JAS	
1						AS SHOWN		JAS	
2								322-142	
3								JAS	
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P:\1300-0001\322-142-CADD\Draw\SW01\322142-SW01-2-Benton County Tax Lots Exhibit.dwg[04/LS/1/20/2025 - jshen] - LP: 1/20/2025 10:02 AM

NO.	TAX LOT NO.	OWNER NAME	CURRENT ZONING
1	104070000100	OREGON STATE GAME COMMISSION	OS
2	104070000300	R B WEBBER DEVELOPMENT LLC	EFU
3	104070000400	WILFONG TRISHA M	RR-5
4	104070000500	BURDOCK GARLAND R	RR-5
5	104070000601	RINKER TRISTA M	RR-5
6	104070000700	CLEARY BRYCE LAWRENCE	RR-5
7	104070000800	SCOTT DARCI L	RR-5
8	104070000900	WHITE JASON BYRON & JULIE B	RR-5
10	104070001100	AMADOR MARIBEL	RR-5
11	104070001200	LEAVENWORTH EDYNE	RR-5
12	104080000100	OREGON STATE GAME COMMISSION	OS
13	104170000100	OREGON STATE GAME COMMISSION	OS
18	104180000100	OREGON STATE GAME COMMISSION	OS
19	104180000101	CONSUMERS POWER INC	OS
20	104180000102	BUREAU OF LAND MANAGEMENT	OS
21	104180000200	PELTIER REAL ESTATE CO	FC
22	104180000201	POWELL LYNN MAY & HEALD NATHAN LESLIE	FC
23	104180000202	GOETZINGER DALE L & MONA G	RR-5
24	104180000300	DUBIKIN ALEXANDRE & POLUSHKIN GLIKERIA	FC
25	104180000301	VALLEY LANDFILLS INC	FC
26	104180000400	DUBIKIN ALEXANDRE & POLUSHKIN GLIKERIA	RR-5
27	104180000500	YOUNG CAROLYN	RR-5
28	104180000600	YOUNG CAROLYN	RR-5
29	104180000700	HOCKEMA JOSEPH E & JASMINE L	RR-5
30	104180000701	HOCKEMA JOSEPH E & JASMINE L	RR-5
31	104180000800	OREGON STATE FISH & WILDLIFE	FC
32	104180000801	VALLEY LANDFILLS INC	FC
33	104180000900	VALLEY LANDFILLS INC	FC
34	104180001000	VALLEY LANDFILLS INC	FC
35	104180001101	VALLEY LANDFILLS INC	FC
36	104180001102	VALLEY LAND FILLS INC	FC
37	104180001103	PHILLIPS SAMUEL F & CHERYL G	FC
38	104180001104	VALLEY LANDFILLS INC	FC
39	104180001105	PELTIER REAL ESTATE CO	EFU
40	104180001106	VALLEY LANDFILLS INC	LS
41	104180001107	VALLEY LANDFILLS INC	LS
42	104180001108	VALLEY LANDFILLS INC	LS
43	104180001200	VALLEY LANDFILLS INC	FC
44	104190000100	OREGON STATE GAME COMMISSION	OS
45	104190000200	BRADLEY LOWELL THOMAS & MARY ERIN	RR-10
46	104190000301	HOLDORF CATHERINE E, TR	EFU
47	104190000400	TAMPICO RIDGE LLC	RR-10
48	104190000402	KIPPER ROBERT J & JULIE A, TR	RR-10
49	104190000500	GEIER JOEL E & REBECCA S SHERMAN	RR-10
50	104190000600	CRESS MERRILL	RR-10
51	104190000700	MORRELL JEFFREY J & PATRICIA D	RR-10
52	104190001700	CLAPP CYNTHIA R	EFU & RR-10
53	104190001800	KEN & SARAH EDWARDSSON RL TRUST	EFU
54	104190001801	SLABAUGH ROGER L & MICHELLE V	EFU
55	104190001900	HERNANDEZ VICTOR	EFU
56	10419B000300	PELTIER REAL ESTATE CO	RR-10

NO.	TAX LOT NO.	OWNER NAME	CURRENT ZONING
57	10419B000400	CARLIN KATHERYN L, TR	RR-10
58	10419B000500	FRAZIER STEVEN & DAVIS LUE ANN	RR-10
59	10419B000600	GIBBS LANCE A	RR-10
60	10419B001200	BARBARA FICK LIVING TRUST	RR-10
61	10419B001300	BARBARA FICK LIVING TRUST	RR-10
62	10419B001301	VALLEY LANDFILLS INC	RR-10
63	10419B001500	CATHERINE E HOLDORF LIVING TRUST	RR-10
64	10419B001600	VALLEY LANDFILLS INC	RR-10
65	10419D000100	POSTLEWAIT JACOB EDWARD & ELIZABETH REGA	RR-10
66	10419D000200	HOLMES RICHARD H & CHARLCY L	RR-10
109	10419DD03700	YANEZ ERIC & BETHANY J	RR-5
110	10419DD03800	LOPEZ OMAR GENARO	RR-5
111	10419DD03900	ANTONIO & ELIZABETH AMANDI REVOCABLE LIV	RR-5
112	10419DD04000	ANTONIO & ELIZABETH AMANDI REVOCABLE LIV	RR-5
119	104200000300	OREGON STATE GAME COMMISSION	OS
339	105130000100	R B WEBBER DEVELOPMENT LLC	EFU
340	105130000200	DAVID & DEBRA HACKLEMAN TRUST	FC
341	105130000201	DAVID & DEBRA HACKLEMAN TRUST	FC
342	105130000202	BERKLUND HARRISUE, TR	FC
343	105130000203	BERKLUND HARRISUE, TR	FC
344	105130000300	DENOMA JOHN T JR & SEARS DONNA J	FC
345	105130000301	SEARS ROLLIN & DONNA JEANNE	FC
346	105130000400	BRISKEY JOINT REVOCABLE LIVING TRUST	FC
347	105130000500	DAVID A PLANT TRUST	EFU
348	105130000501	MARCUM DONALD R JR	EFU
349	105130000502	LINDSEY RICHARD T & KAREN J	EFU
350	105130000600	WINN TERRILL JAMES & APRIL DOVE	EFU
351	105130000601	GOETZINGER DALE L & MONA G	EFU
352	105130000700	OSC	FC
353	105130000800	VALLEY LANDFILLS INC	EFU
354	105130000900	VALLEY LANDFILLS INC	EFU
355	105130000901	VALLEY LANDFILLS INC	EFU
356	105130000902	VALLEY LANDFILLS INC	EFU
357	105130001000	VALLEY LANDFILLS INC	LS
361	105140000105	HARLAN ANNE M	EFU
362	105140000107	EDWARD L PORTZ & JOANN PORTZ TRUST	EFU
365	105140000111	HARLAN ANNE M	EFU
385	105140001400	BUCKOVIC FAMILY TRUST	EFU
411	105230000100	OREGON STATE BOARD HIGHER ED	FC
412	105240000101	JOHNSON DEBORA LEE, TR	EFU
413	105240000102	JOHNSON DEBORA LEE, TR	EFU
414	105240000103	VALLEY LANDFILLS INC	EFU
415	105240000104	LABRASSEUR GEORGE F & YOLANDE	EFU
416	105240000105	MASON FAMILY LIVING TRUST	EFU
417	105240000106	HOLDORF CATHERINE E, TR	EFU
418	105240000190	STAHL DEE M & WAYNE A	EFU
419	105240000200	VALLEY LANDFILLS INC	EFU
420	105240000300	OREGON STATE BOARD HIGHER ED	FC
421	105240000400	FLAK TIMOTHY A & LIND GINA M	RR-10
437	104190000401	SEARLS JAMES CLUETT	RR-10

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



SUBMITTAL RECORD

NO	DATE	DESCRIPTION

2356 Gold Meadow Way
Suite 120
Gold River, CA 95670
Ph: 916.503.0050
www.ccecinc.com

Civil & Environmental Consultants, Inc.

VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330

BENTON COUNTY TAX LOTS
& ZONING

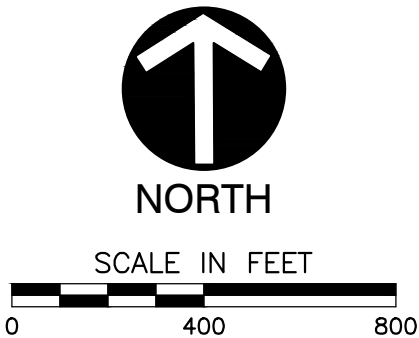
DATE: JANUARY 2025
DRAWN BY: JAS
DWG SCALE: AS SHOWN
PROJECT NO: 322-142
APPROVED BY: JAS

DRAWING NO.: 2A

A:\300-000\302-142-CADD\DWG\300\302142-300-1-4-Demolition Plan.dwg(1/15/20/2025 - (Sheep)) - LP: 1/30/2025 10:23 AM



- LEGEND**
- PROPERTY BOUNDARY
 - EXISTING LANDFILL BOUNDARY
 - TAX LOT BOUNDARY
 - WETLAND MITIGATION BOUNDARY
 - EXISTING 10-FT CONTOUR
 - EXISTING 2-FT CONTOUR
 - EXISTING PALUSTRINE FORESTED WETLAND
 - EXISTING PALUSTRINE EMERGENT WETLAND
 - HERON ROOKERY AS SHOWN ON MAP BY ODF WILDLIFE BIOLOGIST DATED 08/23/21



REFERENCE
AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



SUBMITTAL RECORD		DESCRIPTION	
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LEGEND

- PROPERTY BOUNDARY
EXISTING LANDFILL BOUNDARY
TAX LOT BOUNDARY
ZONING BOUNDARY
WETLAND MITIGATION BOUNDARY
EXISTING 10-FT CONTOUR
EXISTING 2-FT CONTOUR
EXISTING PALUSTRINE FORESTED WETLAND
EXISTING PALUSTRINE EMERGENT WETLAND
PROPOSED 10-FT CONTOUR

NOTES

1. TAX LOT BOUNDARIES FROM BENTON COUNTY ZONING MAP PANEL 41047C0975G, DATED 01/19/2000 (TAX LOT BOUNDARIES MAY DIFFER FROM ZONING DATED 2021).

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



SCALE IN FEET
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OVERALL DEVELOPMENT PLAN

DATE:	JANUARY 2025	DRAWN BY:	JS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142	APPROVED BY:	JAS

VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330

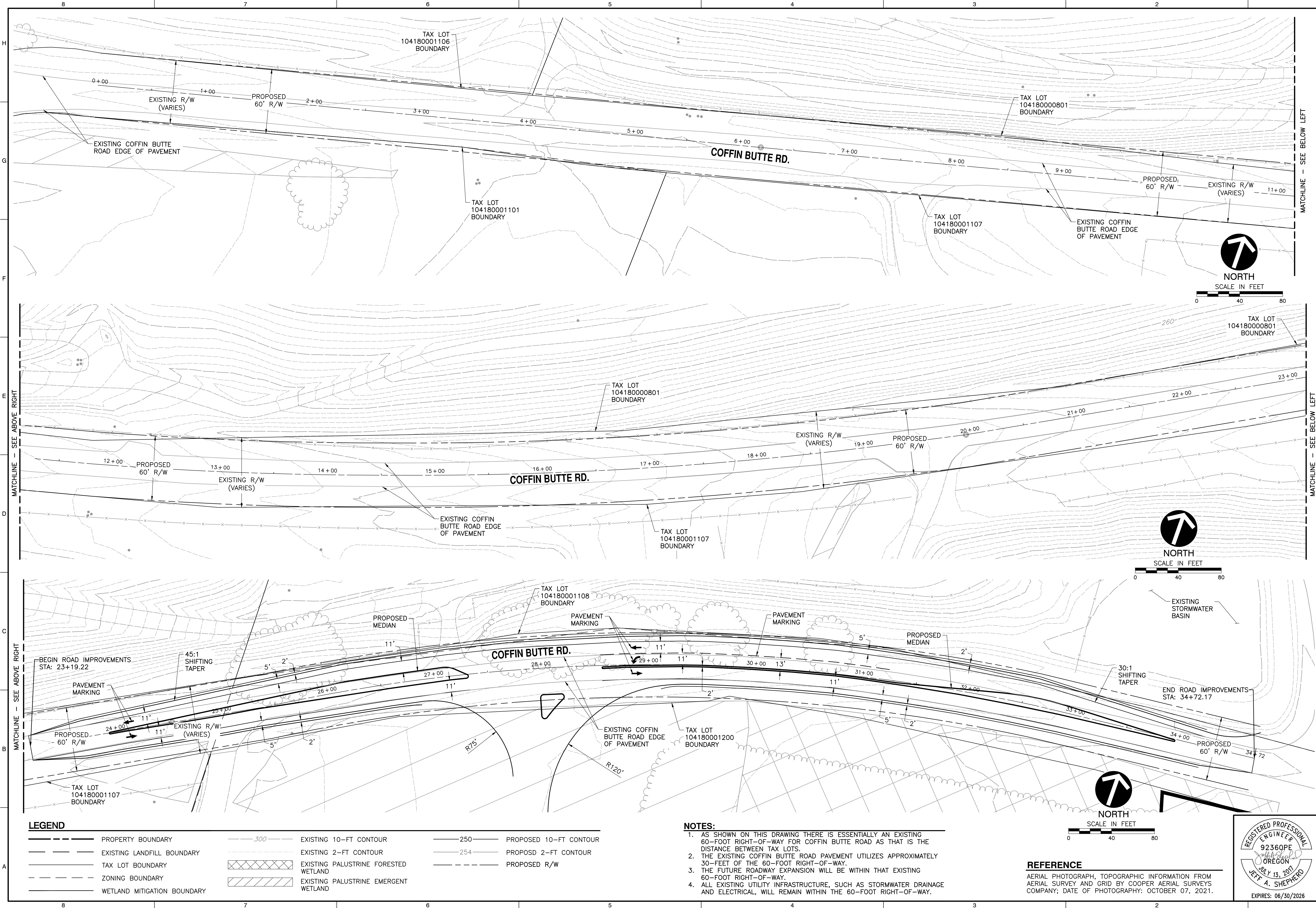


2356 Gold Meadow Way
Suite 120
Gold River, CA 95670
Ph: 916.503.0050
www.cecinc.com

SUBMITTAL RECORD

NO	DATE	DESCRIPTION

P:\120-0001\322-142-CADD\Draw\Proposed Coffin Butte Road ROW\dwg\ROW EXHIBIT.LS(1/22/2025 - change) -- LP: 1/20/2025 10:03 AM



LEGEND

	PROPERTY BOUNDARY		EXISTING 10-FT CONTOUR		PROPOSED 10-FT CONTOUR
	EXISTING LANDFILL BOUNDARY		EXISTING 2-FT CONTOUR		PROPOSED 2-FT CONTOUR
	TAX LOT BOUNDARY		EXISTING PALUSTRINE FORESTED WETLAND		PROPOSED R/W
	ZONING BOUNDARY		EXISTING PALUSTRINE EMERGENT WETLAND		
	WETLAND MITIGATION BOUNDARY				

NOTES:

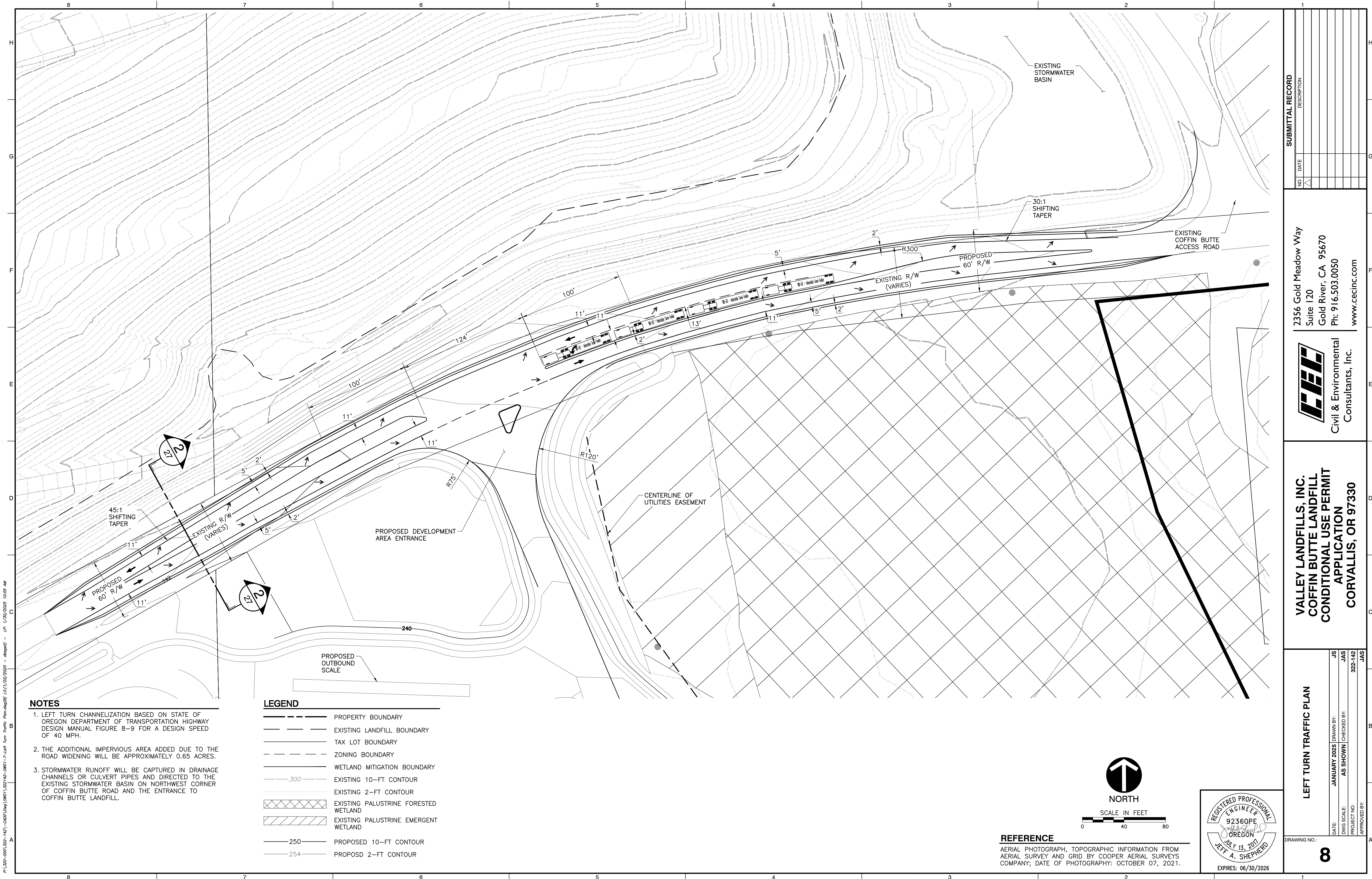
- AS SHOWN ON THIS DRAWING THERE IS ESSENTIALLY AN EXISTING 60-FOOT RIGHT-OF-WAY FOR COFFIN BUTTE ROAD AS THAT IS THE DISTANCE BETWEEN TAX LOTS.
- THE EXISTING COFFIN BUTTE ROAD PAVEMENT UTILIZES APPROXIMATELY 30- FEET OF THE 60-FOOT RIGHT-OF-WAY.
- THE FUTURE ROADWAY EXPANSION WILL BE WITHIN THAT EXISTING 60-FOOT RIGHT-OF-WAY.
- ALL EXISTING UTILITY INFRASTRUCTURE, SUCH AS STORMWATER DRAINAGE AND ELECTRICAL, WILL REMAIN WITHIN THE 60-FOOT RIGHT-OF-WAY.

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



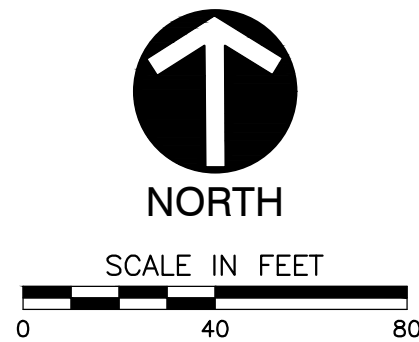
SUBMITTAL RECORD	
NO.	DATE
2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.cecinc.com	
 Civil & Environmental Consultants, Inc.	
VALLEY LANDFILLS, INC. COFFIN BUTTE LANDFILL CONDITIONAL USE PERMIT APPLICATION CORVALLIS, OR 97330	
COFFIN BUTTE ROAD PROPOSED RIGHTS-OF-WAY	
DATE: JANUARY 2025	DRAWN BY: JAS
DWG SCALE: AS SHOWN	CHECKED BY: JAS
PROJECT NO: 322-142	APPROVED BY: JAS
DRAWING NO.: 7	



NOTES

LEGEND

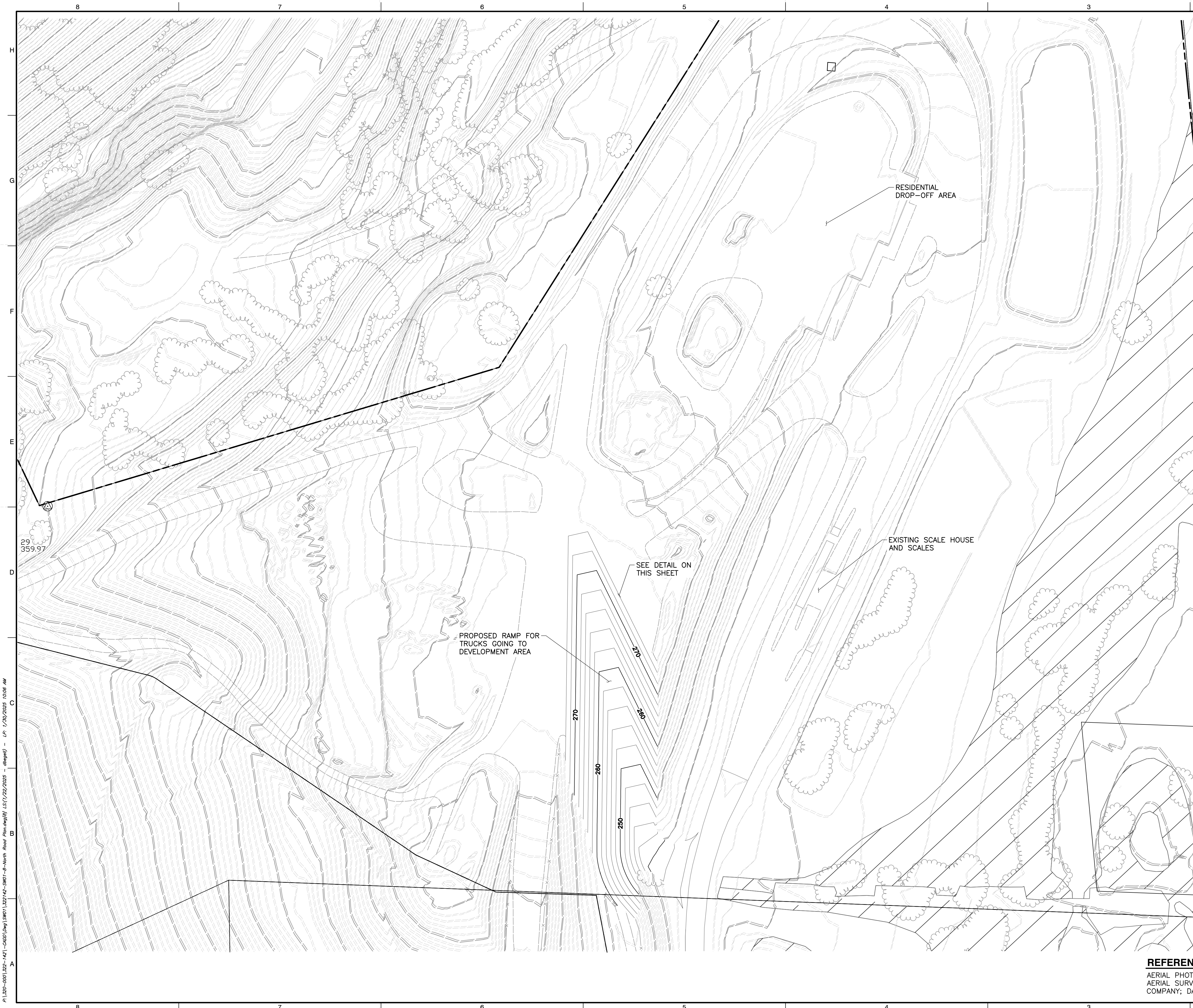
REFERENCE

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**VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330**

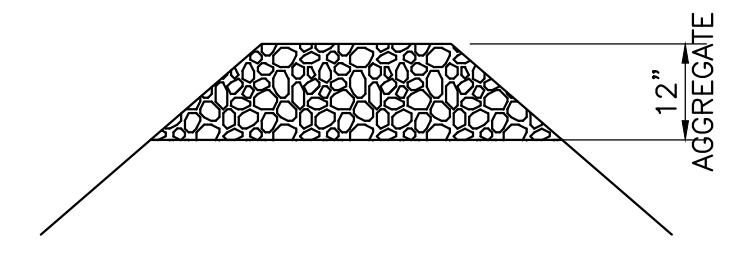
DATE:	JANUARY 2025	DRAWN BY:	J S
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142		
APPROVED BY:	JAS		

8

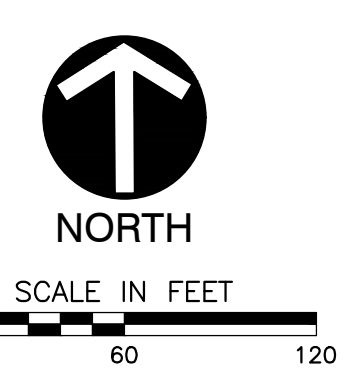


LEGEND

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|---|--------------------------------------|
|  | PROPERTY BOUNDARY |
|  | EXISTING LANDFILL BOUNDARY |
|  | TAX LOT BOUNDARY |
|  | ZONING BOUNDARY |
|  | WETLAND MITIGATION BOUNDARY |
|  | EXISTING 10-FT CONTOUR |
|  | EXISTING 2-FT CONTOUR |
|  | EXISTING PALUSTRINE FORESTED WETLAND |
|  | EXISTING PALUSTRINE EMERGENT WETLAND |
|  | PROPOSED 10-FT CONTOUR |
|  | PROPOSED 2-FT CONTOUR |



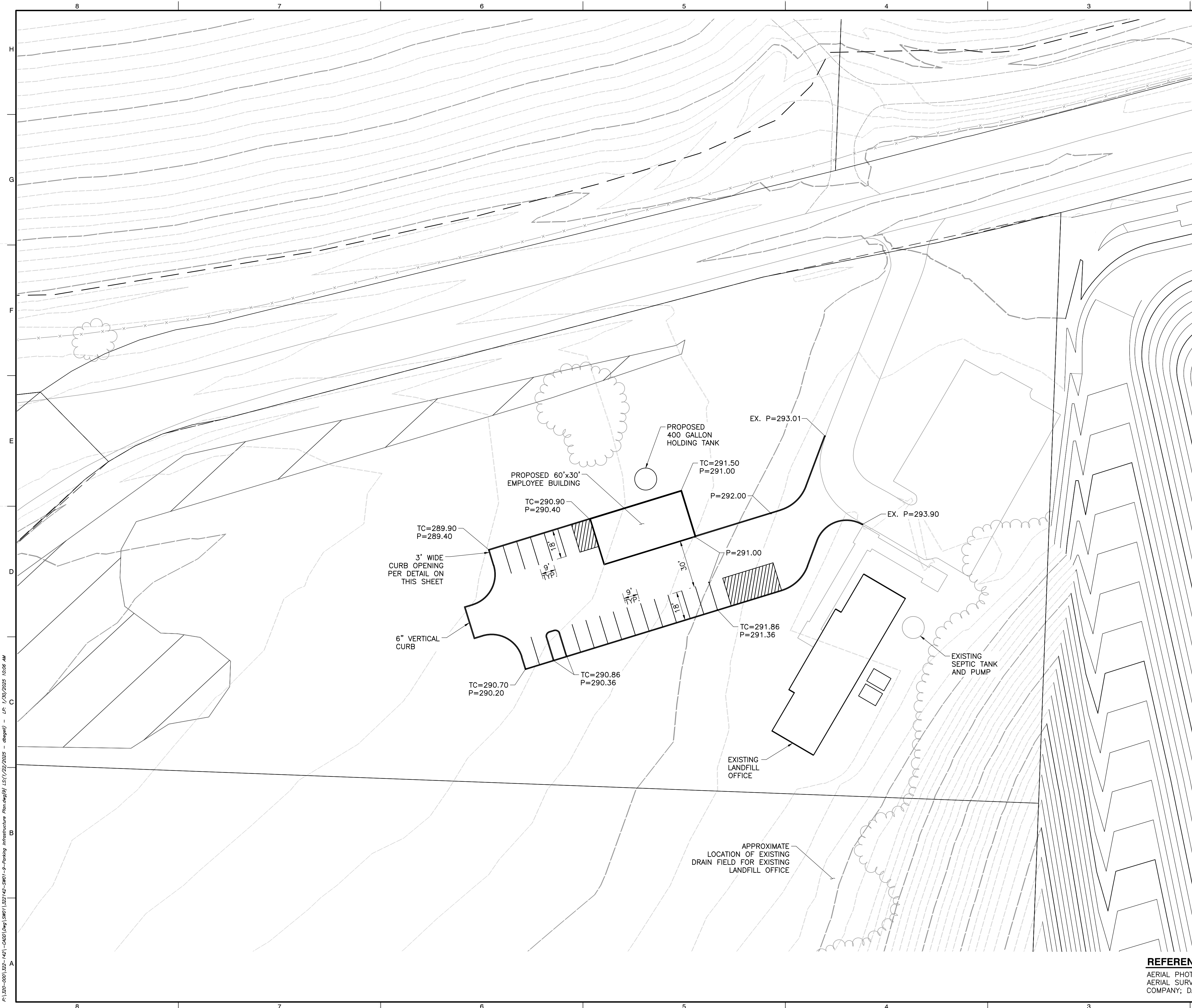
ROAD CROSS-SECTION DETAIL
N.T.S



REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM
AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS
COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.

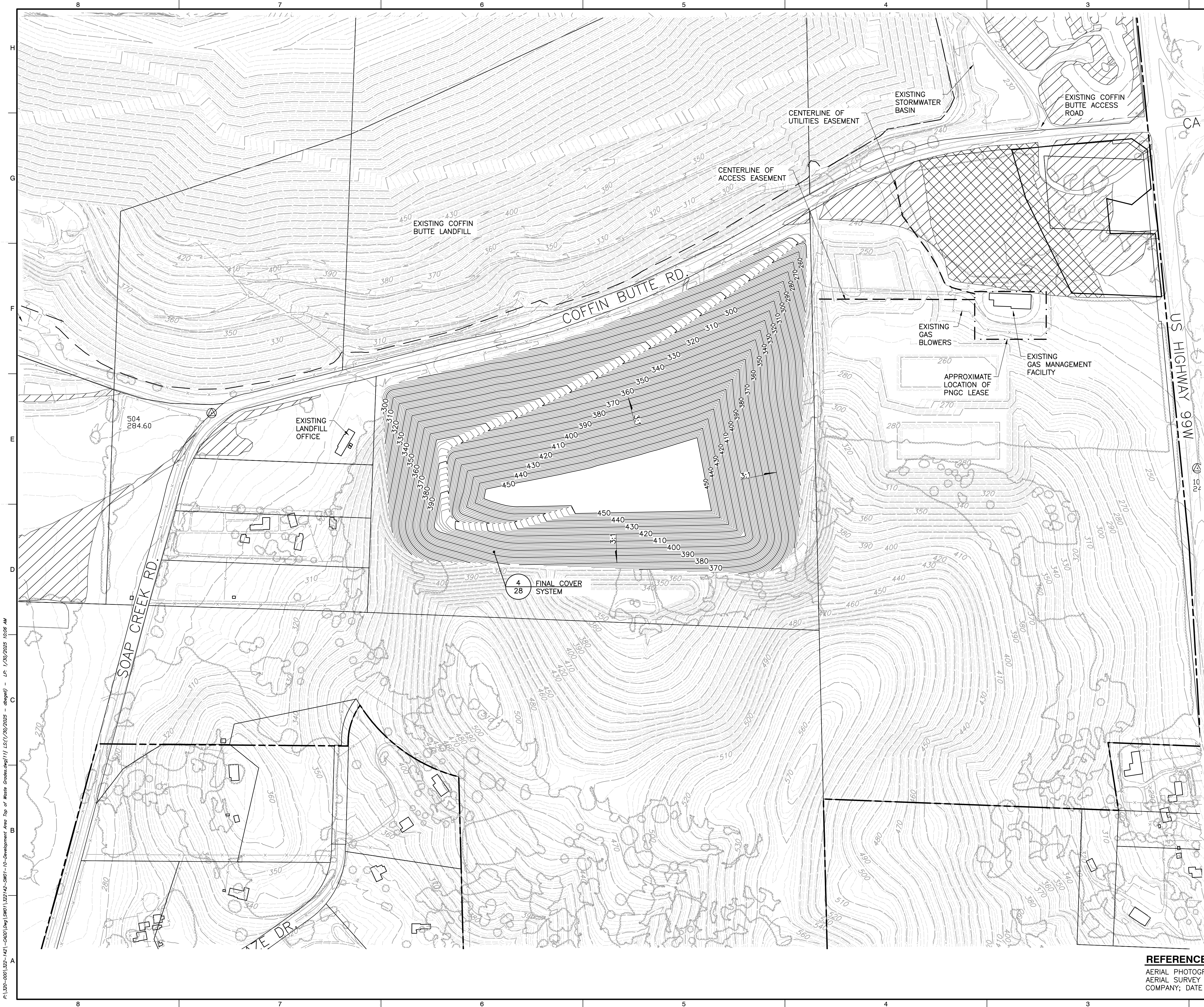
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**VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330**

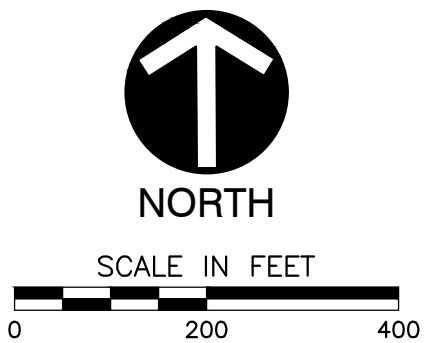
PARKING INFRASTRUCTURE PLAN			
DATE:	JANUARY 2025	DRAWN BY:	JS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:		322-142	
APPROVED BY:		JAS	

P:\120-000\122-142\122-142-000\DWG\122142-000\122142-000\Development Area Top of Waste Grades.dwg[1] LS(1/30/2025 - dngw) - LP: 1/30/2025 10:08 AM



- LEGEND**
- PROPERTY BOUNDARY
 - EXISTING LANDFILL BOUNDARY
 - TAX LOT BOUNDARY
 - WETLAND MITIGATION BOUNDARY
 - EXISTING 10-FT CONTOUR
 - EXISTING 2-FT CONTOUR
 - EXISTING PALUSTRINE FORESTED WETLAND
 - EXISTING PALUSTRINE EMERGENT WETLAND
 - PROPOSED 10-FT TOP OF WASTE CONTOUR
 - PROPOSD 2-FT TOP OF CONTOUR

- NOTES**
- TAX LOT BOUNDARIES FROM BENTON COUNTY ZONING MAP PANEL 41047C0975G, DATED 01/19/2000 (TAX LOT BOUNDARIES MAY DIFFER FROM ZONING DATED 2021).
 - PERIMETER LANDFILL ROAD WILL ONLY BE FOR PICKUP TRUCKS OR SMALLER VEHICLES.



REFERENCE
AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



SUBMITTAL RECORD	
NO	DATE

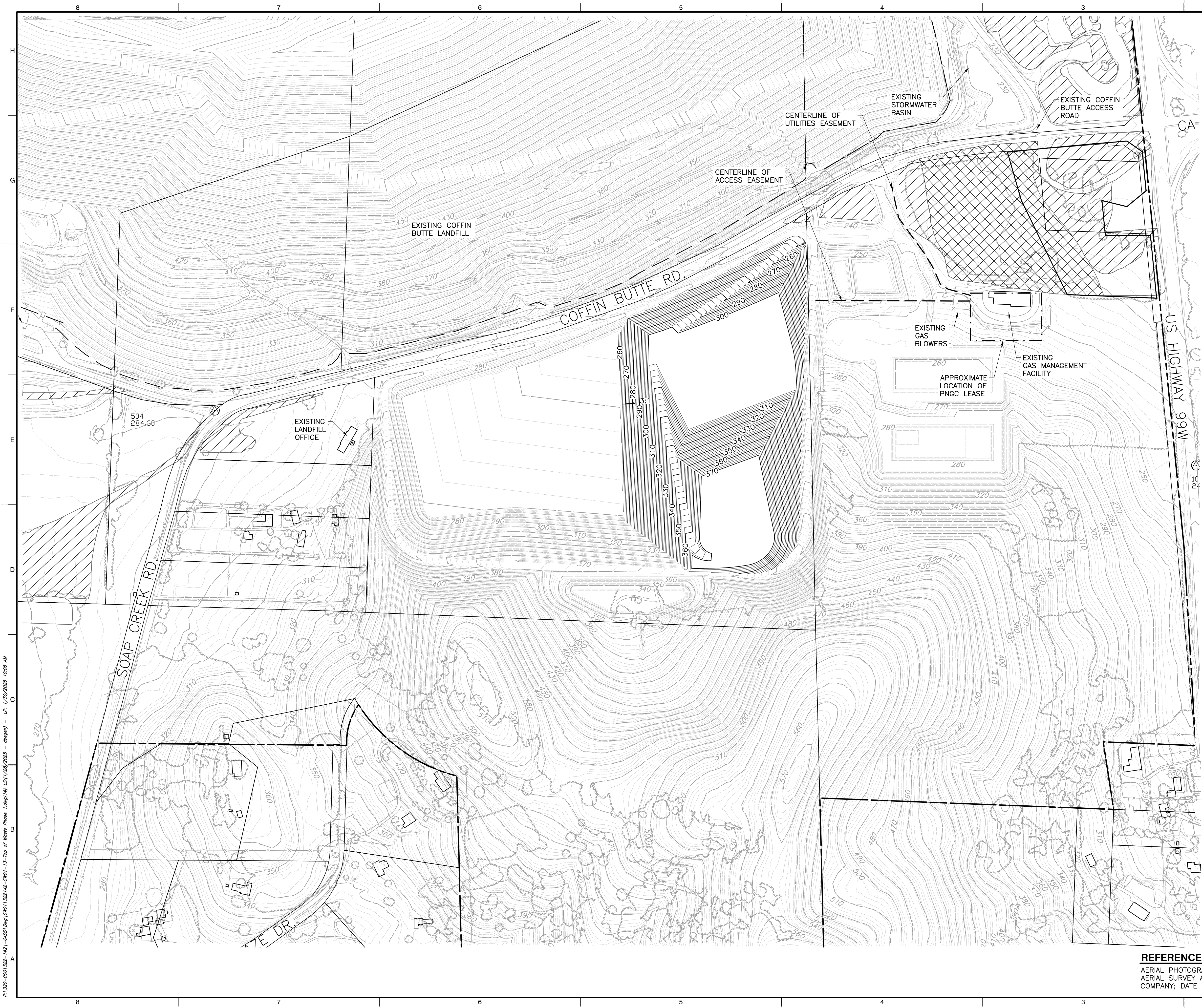
2356 Gold Meadow Way
Suite 120
Gold River, CA 95670
Ph: 916.503.0050
www.cccinc.com

CCC
Civil & Environmental
Consultants, Inc.

**VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330**

DEVELOPMENT AREA TOP OF WASTE GRADES	
DATE: JANUARY 2025	DRAWN BY: JS
DWG SCALE: AS SHOWN	CHECKED BY: JAS
PROJECT NO: 322-142	APPROVED BY: JAS
DRAWING NO.: 11	

P:\120-000\122-142\122-142-000\DWG\DWG1\122142-000\1-Top of Waste Phase 1.dwg, Plotted: 1/10/2025 10:08 AM

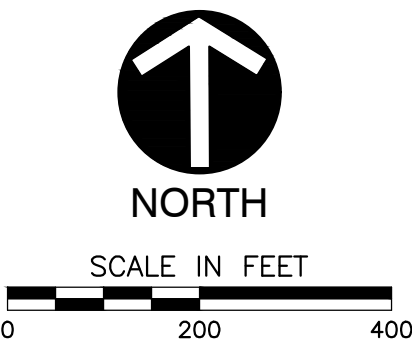


- LEGEND**
- PROPERTY BOUNDARY
 - EXISTING LANDFILL BOUNDARY
 - TAX LOT BOUNDARY
 - WETLAND MITIGATION BOUNDARY
 - EXISTING 10-FT CONTOUR
 - EXISTING 2-FT CONTOUR
 - EXISTING PALUSTRINE FORESTED WETLAND
 - EXISTING PALUSTRINE EMERGENT WETLAND
 - PROPOSED 10-FT TOP OF WASTE CONTOUR
 - PROPOSED 2-FT TOP OF CONTOUR

- NOTES**
- TAX LOT BOUNDARIES FROM BENTON COUNTY ZONING MAP PANEL 41047C0975G, DATED 01/19/2000 (TAX LOT BOUNDARIES MAY DIFFER FROM ZONING DATED 2021).
 - PERIMETER LANDFILL ROAD WILL ONLY BE FOR PICKUP TRUCKS OR SMALLER VEHICLES.
 - TIMELINE STARTS WHEN THE EXPANSION AREA HAS BEEN FULLY EXCAVATED AND LINED.

TOP OF WASTE PHASE 1 (YEAR 2)

- FILL VOLUME = 1,500,000 CY



REFERENCE
AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



SUBMITTAL RECORD	
NO	DATE

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Suite 120
Gold River, CA 95670
Ph: 916.503.0050
www.cccinc.com



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Consultants, Inc.

VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330

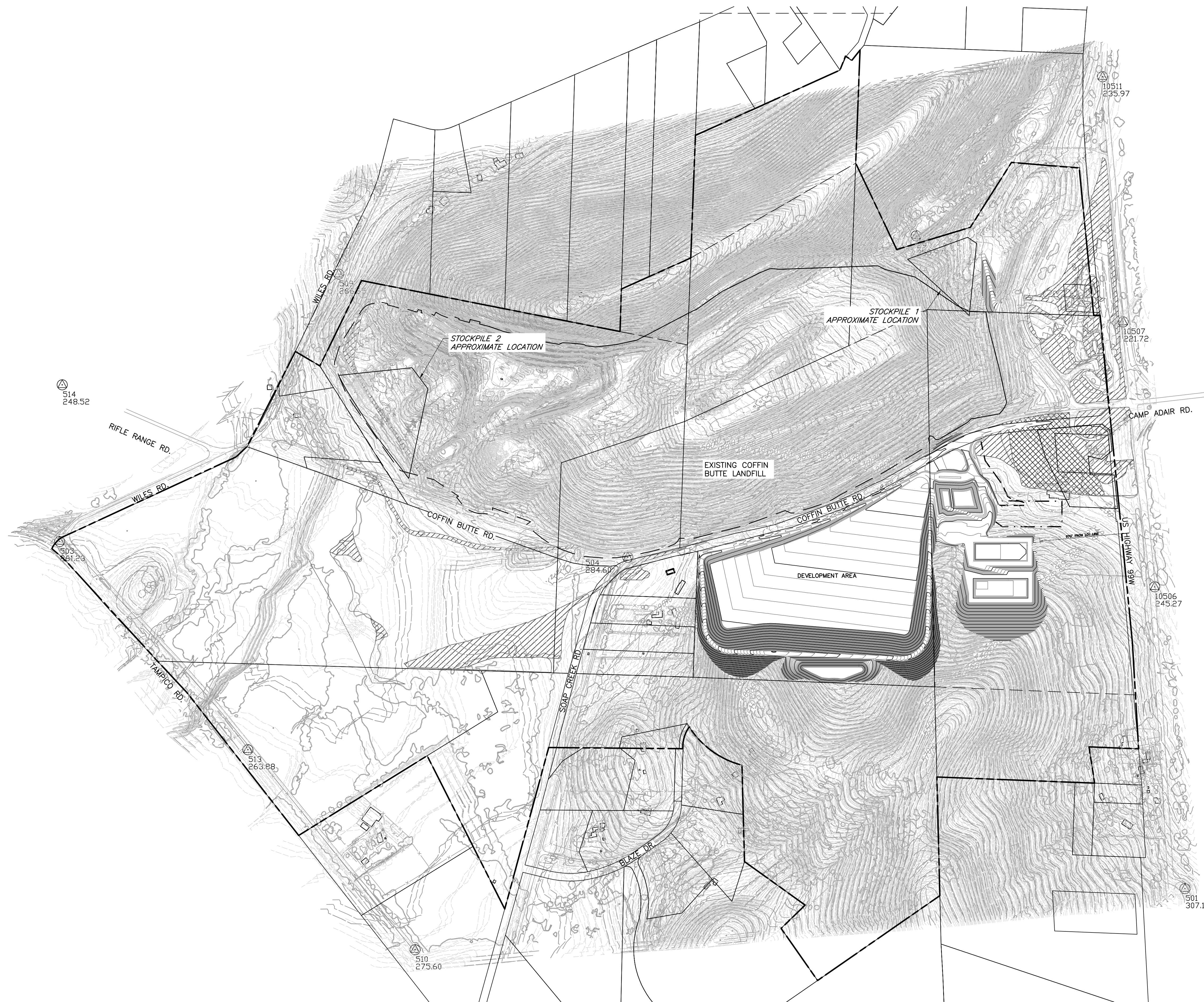
TOP OF WASTE PHASE 1

DATE:	JANUARY 2025	DRAWN BY:	JS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142	APPROVED BY:	JAS

DRAWING NO.:

14

EXPIRES: 06/30/2026



LEGEND

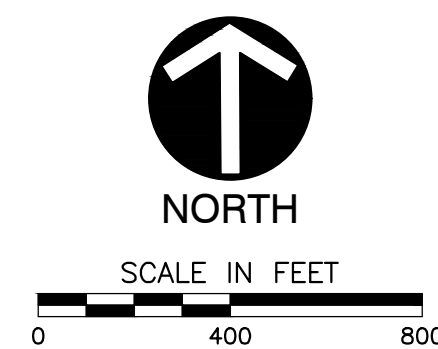
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	TAX LOT BOUNDARY
	ZONING BOUNDARY
	WETLAND MITIGATION BOUNDARY
	EXISTING 10-FT CONTOUR
	EXISTING 2-FT CONTOUR
	EXISTING PALUSTRINE FORESTED WETLAND
	EXISTING PALUSTRINE EMERGENT WETLAND
	PROPOSED 10-FT CONTOUR
	PROPOSED 2-FT CONTOUR

NOTES

1. TAX LOT BOUNDARIES FROM BENTON COUNTY ZONING MAP PANEL 41047C0975G, DATED 01/19/2000 (TAX LOT BOUNDARIES MAY DIFFER FROM ZONING DATED 2021).
2. SEE NOTES ON DRAWING NO. 13 FOR EXCAVATION VOLUMES.

REFERENCE

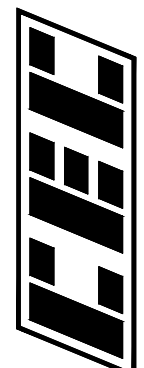
AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM
AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS
COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



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**VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330**

STOCKPILE PLAN

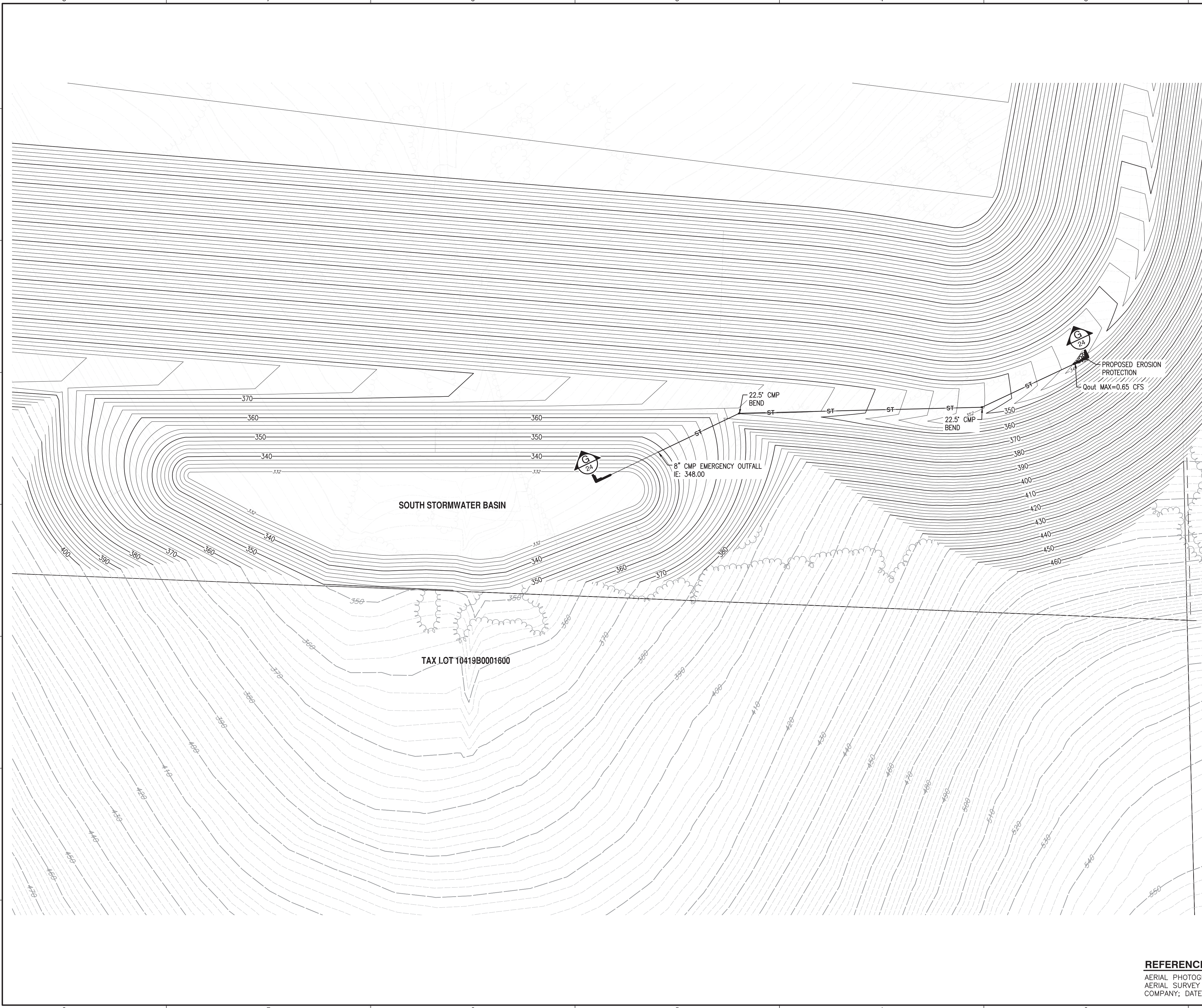
DATE:	JANUARY 2025	DRAWN BY:	JS
		CHECKED BY:	JAS
PROJECT NO:	322-142		
APPROVED BY:	JAS		

DRAWING NO.:

18

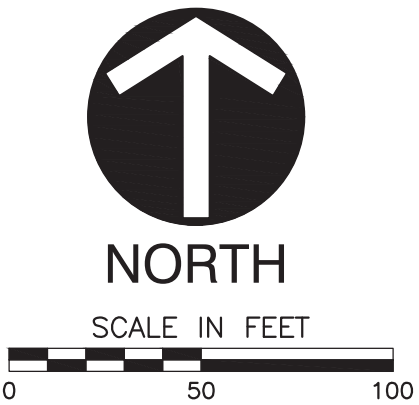
EXPIRES: 06/30/2026

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- LEGEND**
- PROPERTY BOUNDARY
 - EXISTING LANDFILL BOUNDARY
 - TAX LOT BOUNDARY
 - ZONING BOUNDARY
 - WETLAND MITIGATION BOUNDARY
 - EXISTING 10-FT CONTOUR
 - EXISTING 2-FT CONTOUR
 - EXISTING PALUSTRINE FORESTED WETLAND
 - EXISTING PALUSTRINE EMERGENT WETLAND
 - PROPOSED 10-FT CONTOUR
 - PROPOSED 2-FT CONTOUR
 - 8-INCH STORM PIPE
 - STORM PIPE > 8-INCH
 - 30-INCH CATCH BASIN
 - HEADWALL
 - EROSION PROTECTION
 - TOP OF BERM
 - SECTION

SOUTH BASIN	
REQUIRED VOLUME (Vr)	163,824 CF
PROVIDED VOLUME (Vp)	764,196 CF
POND BOTTOM	332.00
POND TOP	348.00
INFLOW	22.17 CFS
EMERGENCY OUTFALL ELEVATION	348.00
OUTFLOW	0.65 CFS MAX



REFERENCE
AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



SUBMITTAL RECORD

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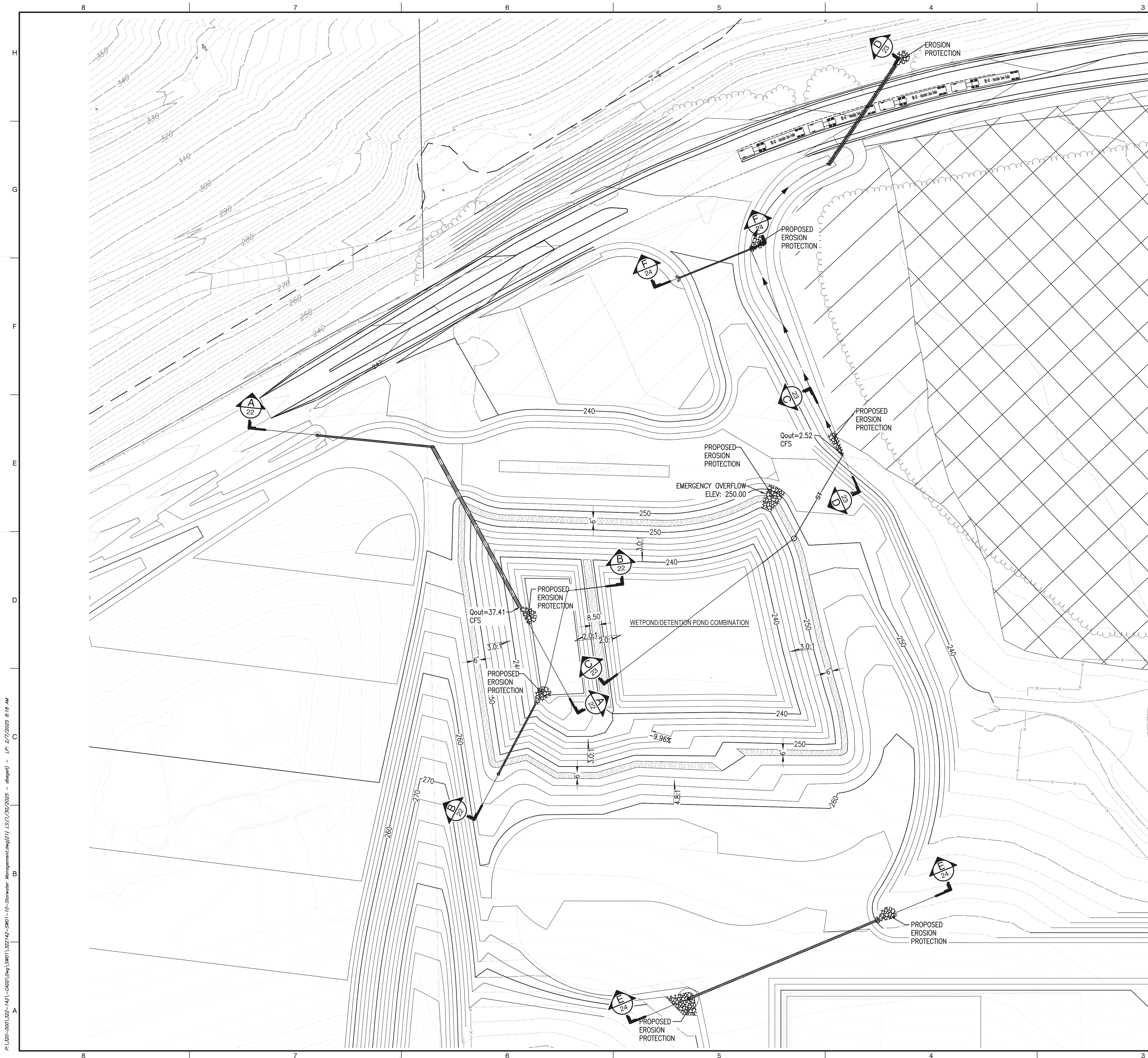
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Consultants, Inc.

VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330

SOUTH STORMWATER BASIN

DATE:	JANUARY 2025	DRAWN BY:	JS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142	APPROVED BY:	JAS

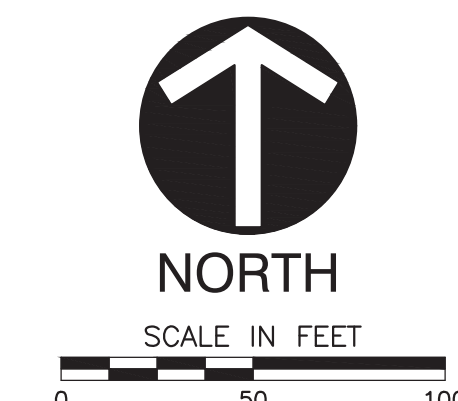
DRAWING NO.:
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LEGEND

	PROPERTY BOUNDARY
	EXISTING LANDFILL BOUNDARY
	TAX LOT BOUNDARY
	ZONING BOUNDARY
	WETLAND MITIGATION BOUNDARY
	EXISTING 10-FT CONTOUR
	EXISTING 2-FT CONTOUR
	EXISTING PALUSTRINE FORESTED WETLAND
	EXISTING PALUSTRINE EMERGENT WETLAND
	PROPOSED 10-FT CONTOUR
	PROPOSED 2-FT CONTOUR
	DRAINAGE SWALE
	8-INCH STORM PIPE
	STORM PIPE > 8-INCH
	30-INCH CATCH BASIN
	HEADWALL
	RIPRAP
	TOP OF BERM
	SECTION

WETPOND / DETENTION POND COMBINATION	
REQUIRED VOLUME (V_r)	192,433 CF
PROVIDED VOLUME (V_p)	767,696 CF
POND BOTTOM	234.00
WQ DESIGN WS ELEVATION	242.00
DETENTION DESIGN WS ELEVATION	250.00
DETENTION OVERFLOW WS ELEVATION	251.00
EMERGENCY OVERFLOW WS ELEVATION	252.00



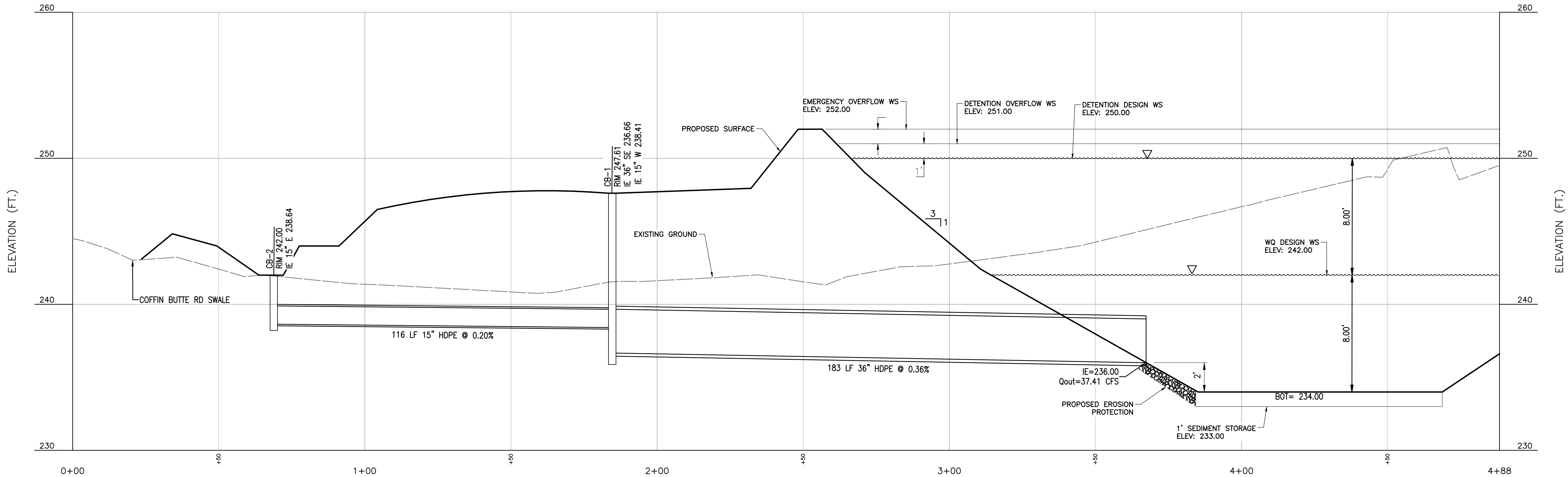
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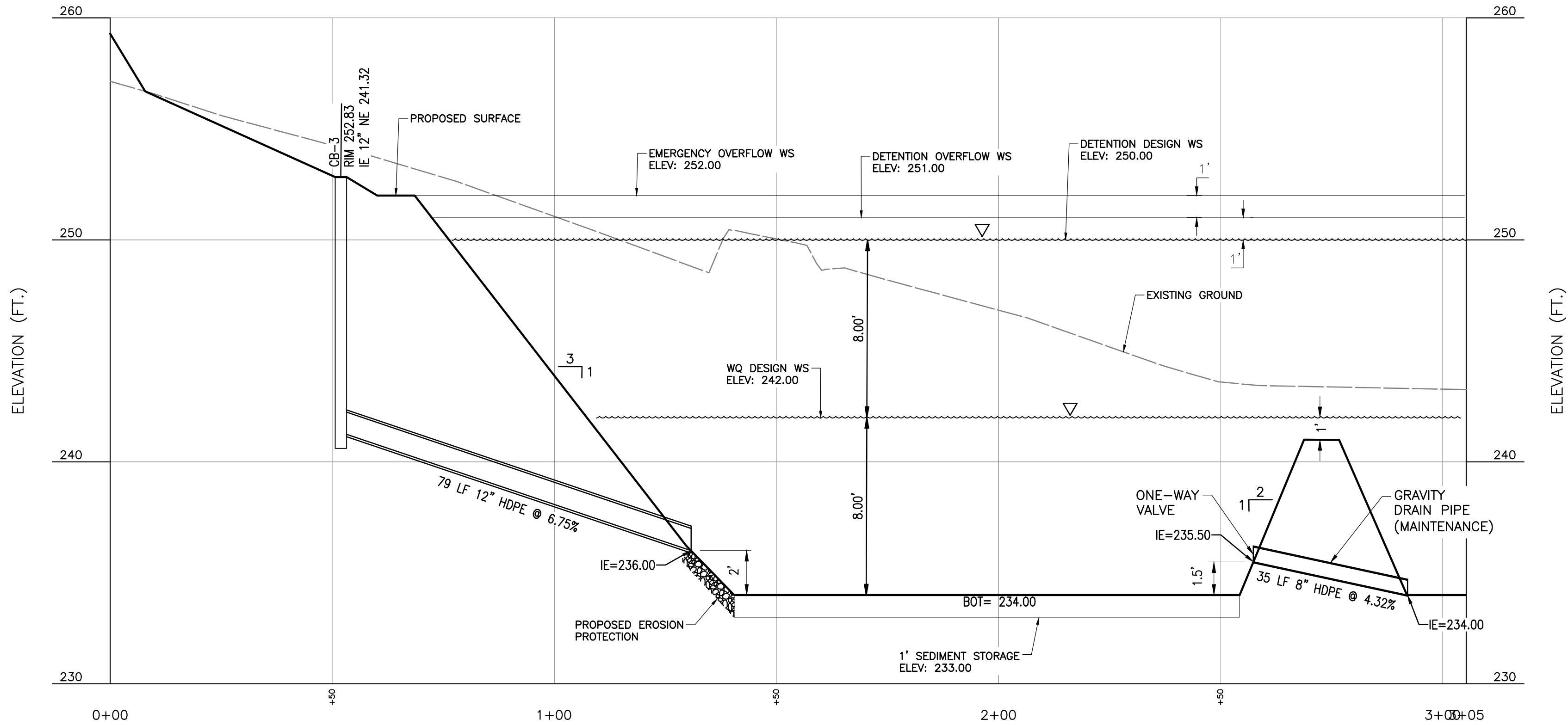


DRAWING NO.:		21	
WETPOND-DETENTION POND COMBINATION PLAN			
DATE:	JANUARY 2025	DRAWN BY:	JS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142		
APPROVED BY:	JAS		
VALLEY LANDFILLS, INC. COFFIN BUTTE LANDFILL CONDITIONAL USE PERMIT APPLICATION CORVALLIS, OR 97330		D	
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2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		F	
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2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		EH	
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2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		EJ	
2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		EK	
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2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FC	
2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FD	
2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FE	
2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FF	
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2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FH	
2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FI	
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2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FL	
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2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FN	
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2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FP	
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2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FR	
2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.ccecinc.com		FS	

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CROSS-SECTION A-A
SCALE H:1"=20'; V:1"=4'



CROSS-SECTION B-B
SCALE H:1"=20'; V:1"=4'

NOTES:
WATER SURFACE ELEVATION DEVELOPED ACCORDING TO COMBINED
DETENTION AND WET POND STANDARDS SPECIFIED IN CHAPTERS 2 AND
3 FROM THE CORVALLIS STORMWATER DESIGN STANDARDS 2015 EDITION.

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM
AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS
COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



WETPOND-DETENTION POND
COMBINATION PROFILES

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Ph: 916.503.0050
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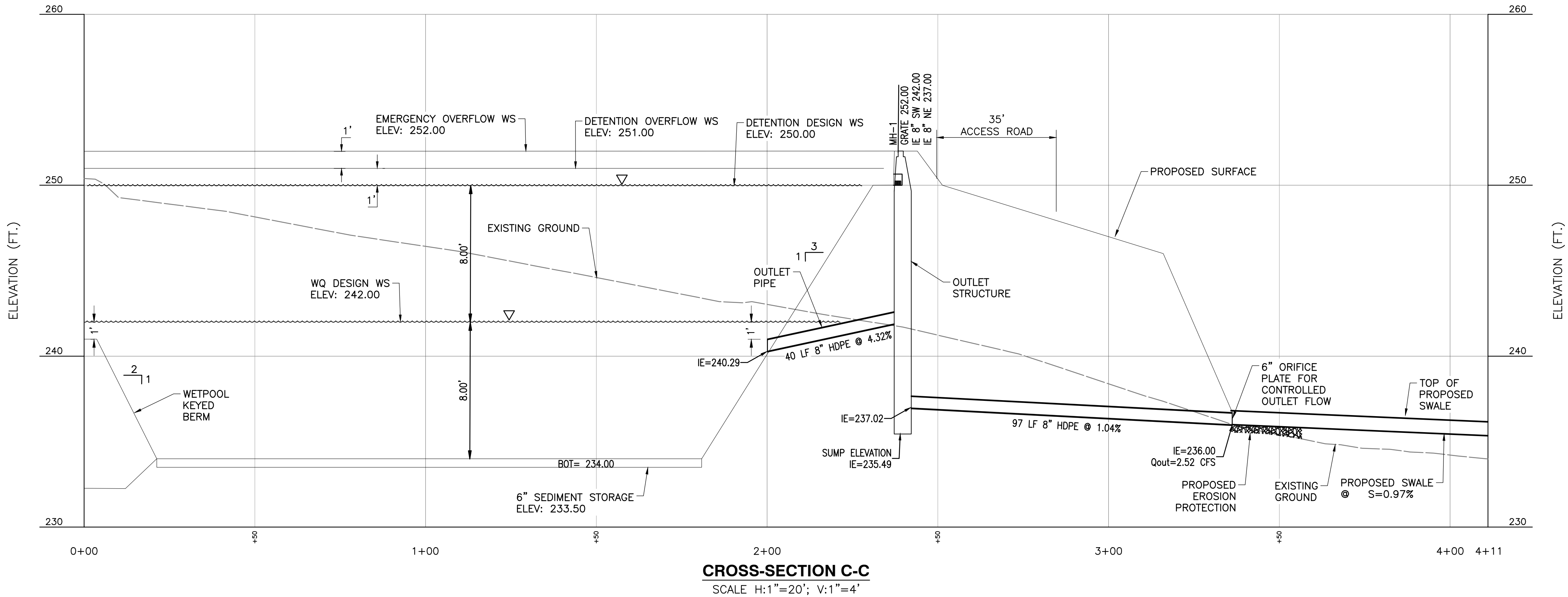
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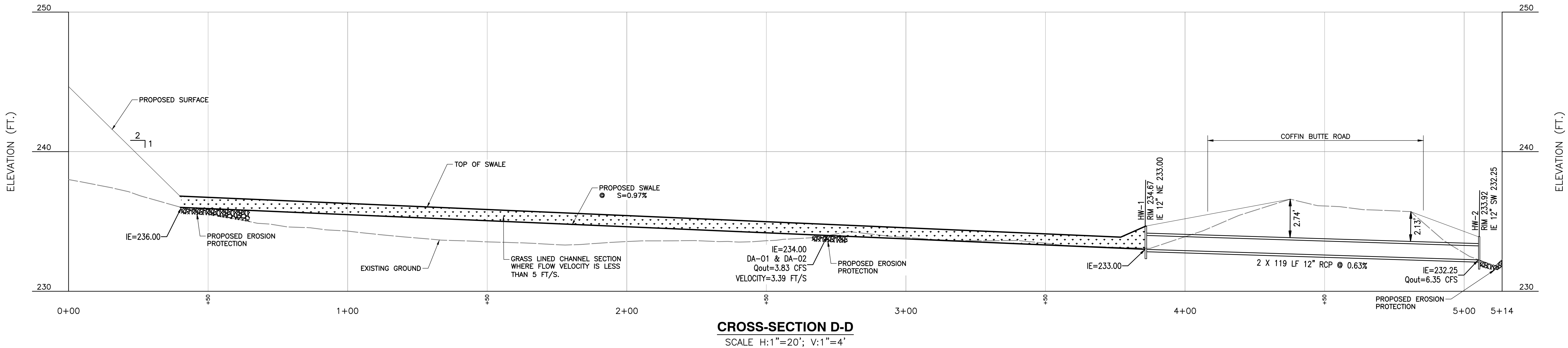
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- NOTES:**
1. ALL ORIFICE PLATES INSTALLED TO RESTRICT OUTFLOW AS NOTED ON PROFILE.
 2. ONE-WAY VALVE INSTALLED TO PREVENT BACKFLOW INTO BASIN DURING AN OVERFLOW EVENT.
 3. ALL FLOWS SHOWN ON PROFILES REPRESENT THE CALCULATED FLOWS FOR A 25-YEAR, 24-HOUR STORM EVENT.

- DETENTION AND WETPOND OUTLET NOTE:**
1. PER DETENTION AND WETPOND DESIGN CRITERIA SPECIFIED IN SECTION 2.3.4.1 OF THE CORVALLIS STORMWATER DESIGN STANDARDS 2015 EDITION THE OUTFLOW PIPE FOR THE WETPOND SHALL BE BACK-SLOPED AND EXTEND 1-FOOT BELOW THE WATER QUALITY DESIGN WATER SURFACE TO PROVIDE TRAPPING OF OIL AND FLOATABLES.
 2. THE OUTFLOW MANHOLE STRUCTURE RECEIVES FLOW FROM THE POND OUTLET PIPE. RISER PIPES ARE INSTALLED IN THE OUTLET STRUCTURE AT THE DETENTION POND WATER SERVICE ELEVATION. THE GRATED LID PROVIDES AN OVERFLOW ROUTE IF THE POND OUTLET SHOULD BECOME CLOGGED OR IF THE DESIGN STORM EVENT IS EXCEEDED.
 3. AN EMERGENCY SPILLWAY DESIGNED TO PASS THE 100-YEAR, 24-HOUR STORM EVENT IS PROVIDED ACCORDING TO THE CRITERIA FOR DETENTION PONDS SPECIFIED IN CHAPTER 3, SECTION 3.3.2 OF THE CORVALLIS STORMWATER DESIGN STANDARDS. THE SPILLWAY ALLOWS EXCESS FLOW TO PASS IF THE OUTFLOW PIPE IS CLOGGED OR IF THE DESIGN STORM EVENT IS EXCEEDED.



REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



SUBMITTAL RECORD	DESCRIPTION	NO	DATE

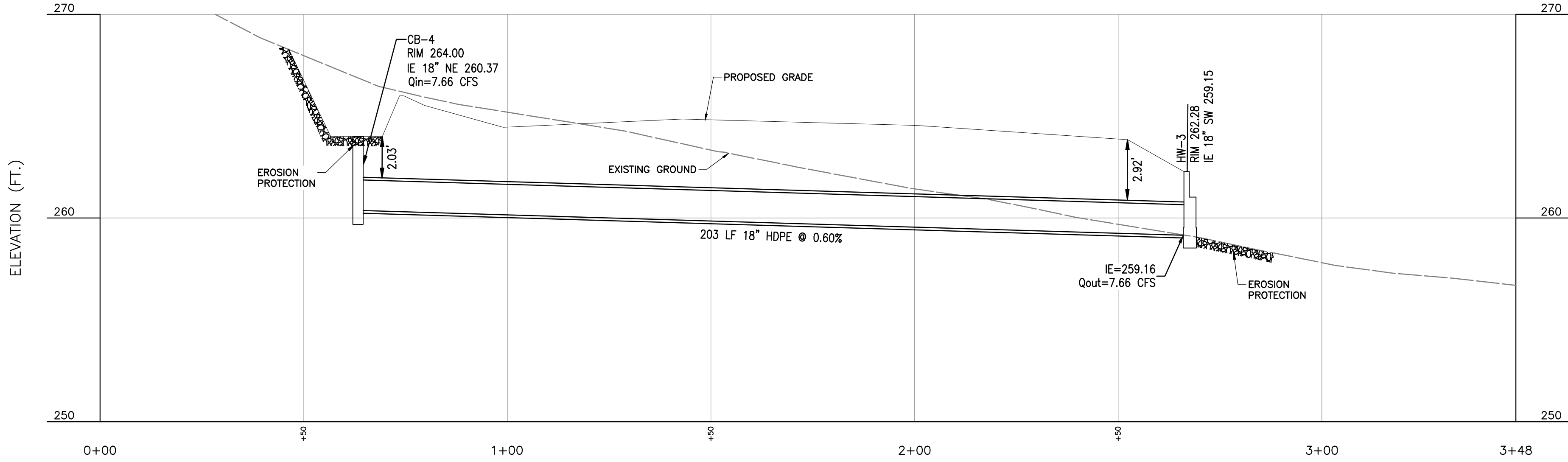
2356 Gold Meadow Way Suite 120 Gold River, CA 95670 Ph: 916.503.0050 www.cecinc.com	 Civil & Environmental Consultants, Inc.

VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
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CORVALLIS, OR 97330

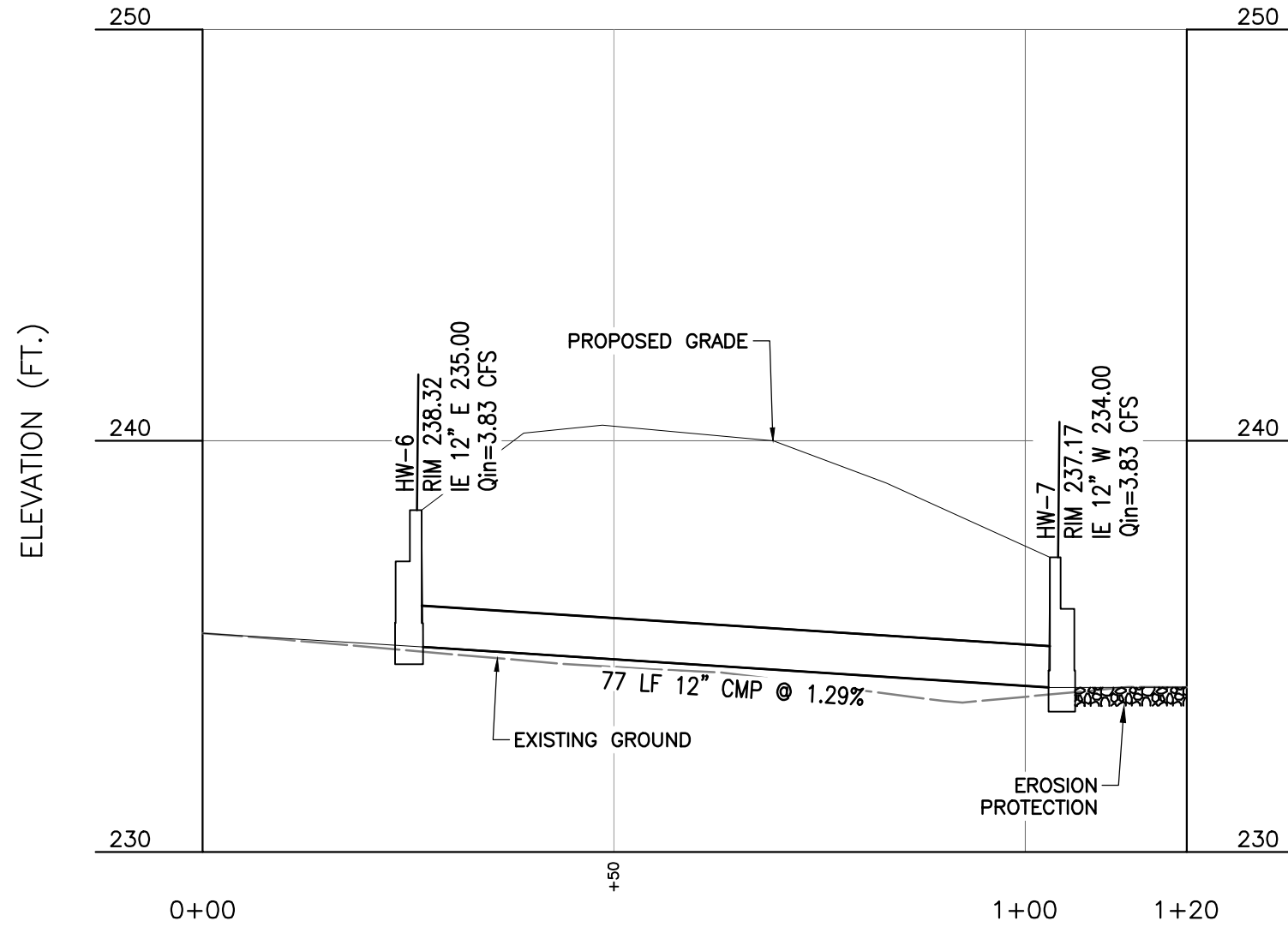
STORMWATER PROFILES	DATE: JANUARY 2025	DRAWN BY: JAS
	DWG SCALE: AS SHOWN	CHECKED BY: JAS
	PROJECT NO: 322-142	
	APPROVED BY: JAS	

DRAWING NO.: **23**

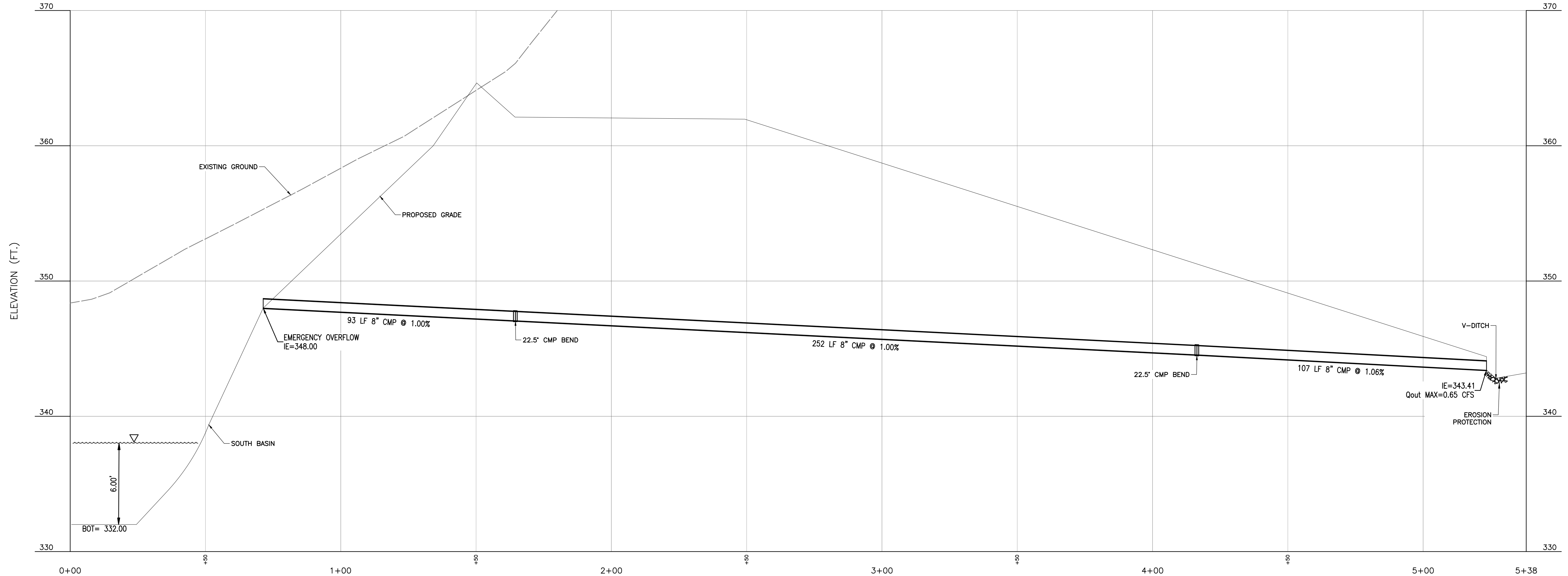
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CROSS-SECTION E-E
SCALE H:1"=20'; V:1"=4'



CROSS-SECTION F-F
SCALE H:1"=20'; V:1"=4'



CROSS-SECTION G-G
SCALE H:1"=20'; V:1"=4'

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM
AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS
COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



SUBMITTAL RECORD	
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STORMWATER PROFILES

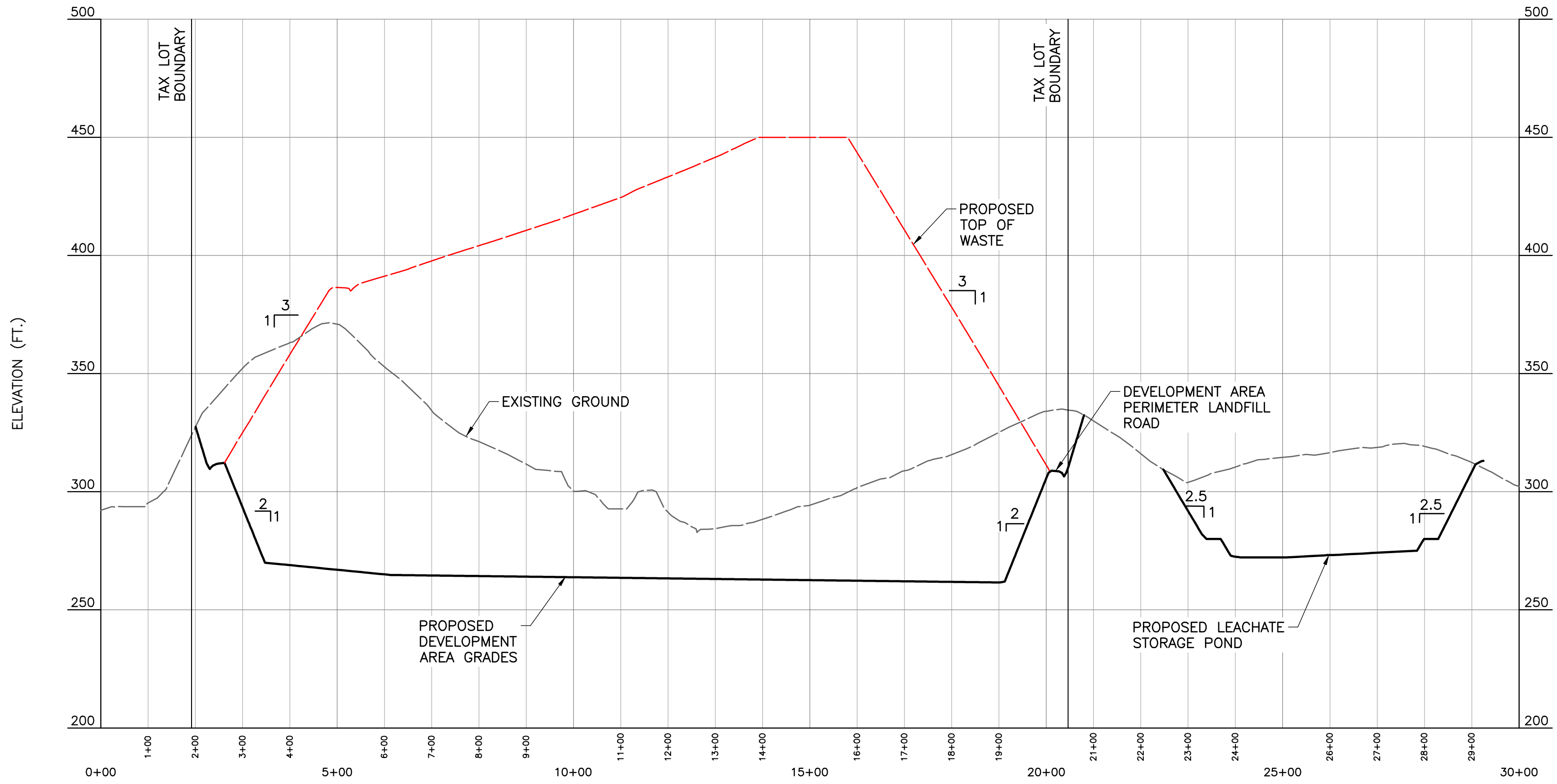
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PROJECT NO: <td>322-142</td> <td></td> <td>JAS</td>	322-142		JAS
APPROVED BY: <td></td> <td></td> <td>JAS</td>			JAS

DRAWING NO.: **24**

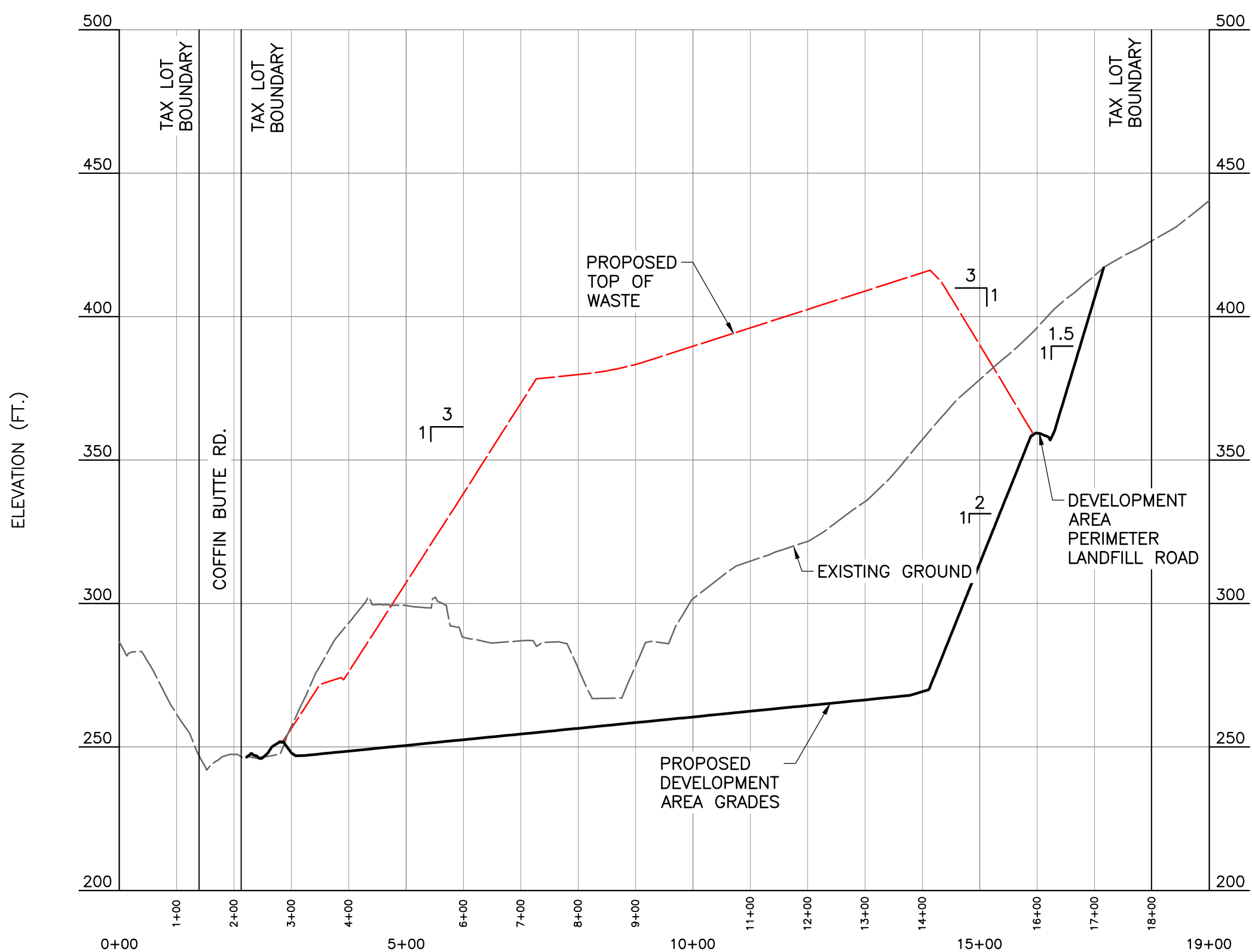
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LEGEND

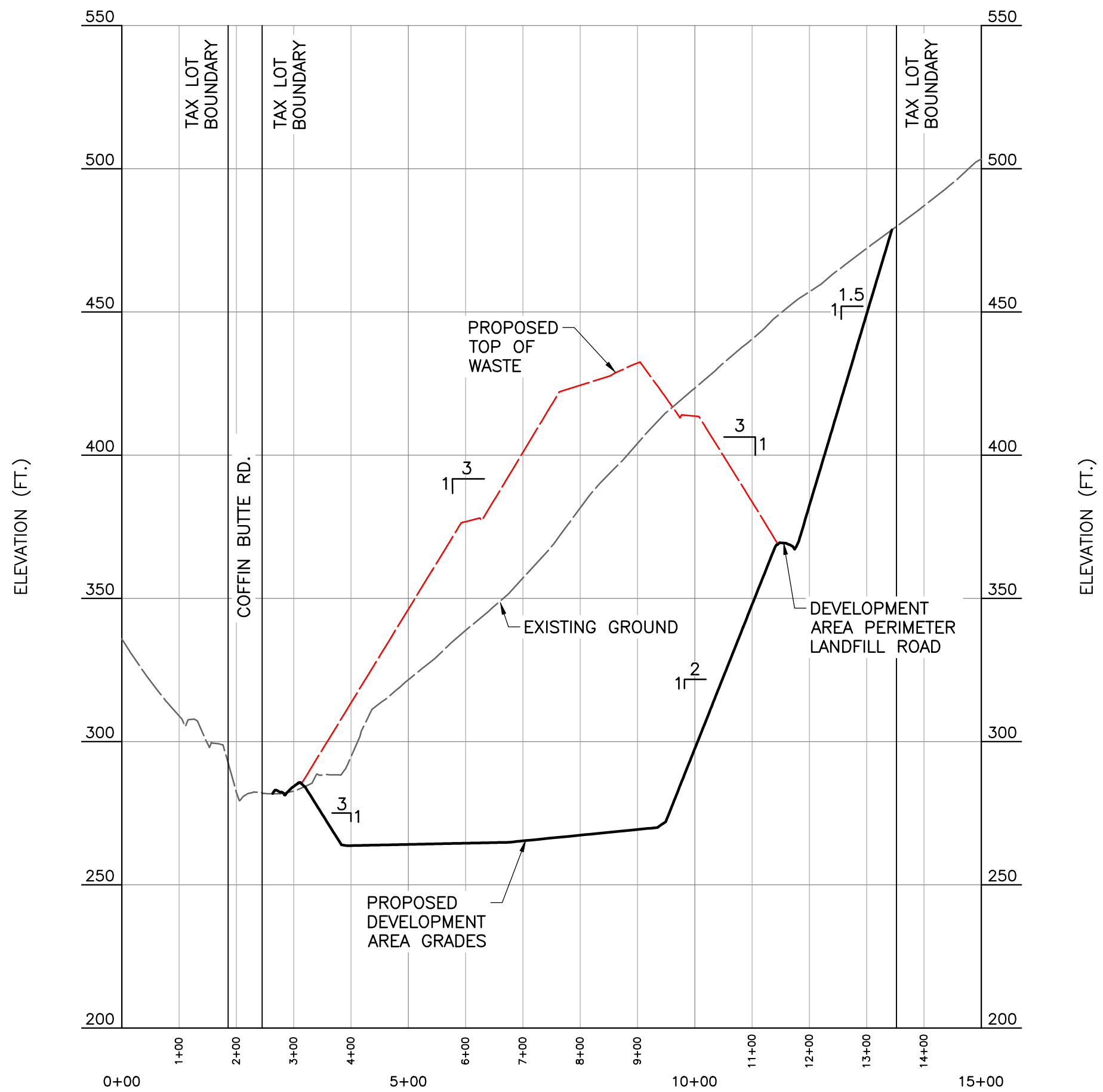
- EXISTING GROUND ON OCTOBER 07, 2021
- PROPOSED TOP OF WASTE GRADES
- PROPOSED DEVELOPMENT AREA GRADES



CROSS SECTION A - A
SCALE H:1"=200'; V:1"=40'



CROSS SECTION C - C
SCALE H:1"=200'; V:1"=40'



CROSS SECTION B - B
SCALE H:1"=200'; V:1"=40'

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



CROSS-SECTIONS

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SUBMITTAL RECORD

NO	DATE	DESCRIPTION
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LEGEND

- EXISTING GROUND ON OCTOBER 07, 2021
- PROPOSED TOP OF WASTE GRADES
- PROPOSED DEVELOPMENT AREA GRADES



CROSS SECTION D - D
SCALE H:1"=200'; V:1"=40'

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



CROSS-SECTIONS

DATE:	JANUARY 2025	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142		
APPROVED BY:	JAS		

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VALLEY LANDFILLS, INC.
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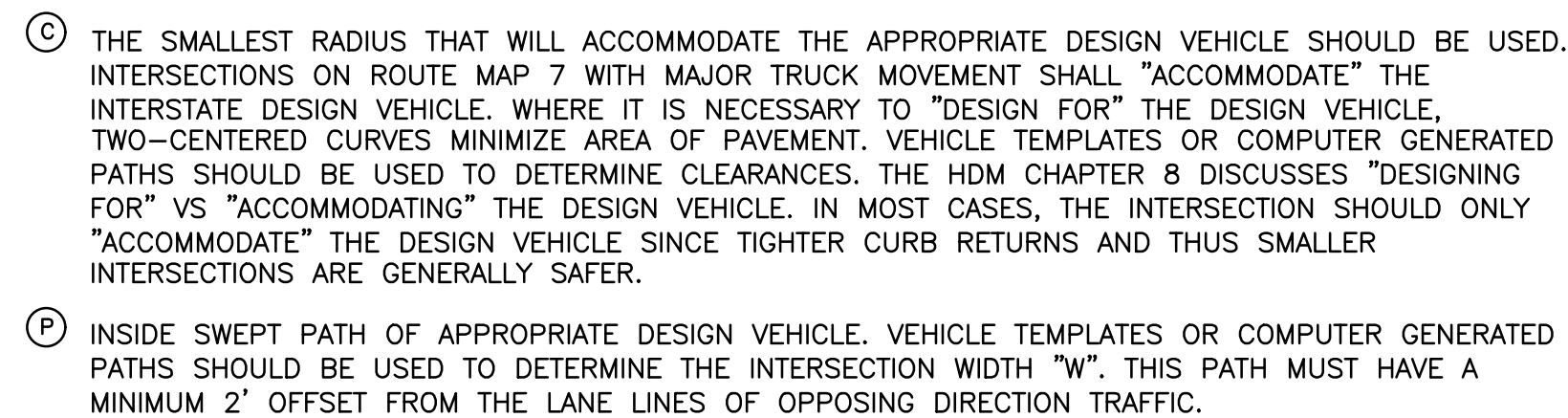


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SUBMITTAL RECORD

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DATA TABLE				
DESIGN SPEED (mph)	① TAPER RATE	T (FT.)	④ S (FT.)	X (FT.)
25	15:1	100	120	14
30	15:1	100	120	14
35	25:1	110	130	14
40	30:1	120	170	14
45	45:1	135	215	14
50	50:1	145	265	14
55	55:1	160	320	14
60	55:1	170	385	16
65	55:1	180	450	16
70	55:1	180	520	16

W = INTERSECTION WIDTH. 65' MINIMUM FOR 4-LEG.
90° INTERSECTIONS. SHALL BE LARGE ENOUGH TO ACCOMMODATE APPROPRIATE
DESIGN VEHICLE.

T = DISTANCE TO DEVELOP LEFT TURN POCKET.

S = DECELERATION DISTANCE

L = STORAGE LENGTH

X = MEDIAN WIDTH

M = 4' WITH 16' OR WIDER MEDIAN IN CHANNELIZATION
2' WITH 14' MEDIAN IN CHANNELIZATION

$$R = T^2 + d^2 / 4 \text{ (d)}; \text{ d=LATERAL DISTANCE OF REVERSING CURVE}$$

- ① TAPER RATE—SEE DATA TABLE
- ② SEE RIGHT TURN CHANNELIZATION
FIG. 8-8
- ③ THE STORAGE LENGTH L SHALL BE
DETERMINED BY A TRAFFIC STUDY. L
SHALL NOT BE LESS THAN 100 FT (THIS
WILL ACCOMMODATE ONE TRUCK AND
ONE PASSENGER VEHICLE).
- ④ WHERE GRADES EXCEED 3%,
CONSIDERATION SHOULD BE GIVEN TO
ADJUSTING THE DECELERATION LENGTH (S).
SEE AASHTO TABLE 10-5 FOR GUIDANCE.

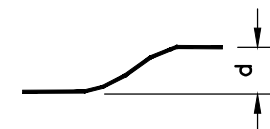


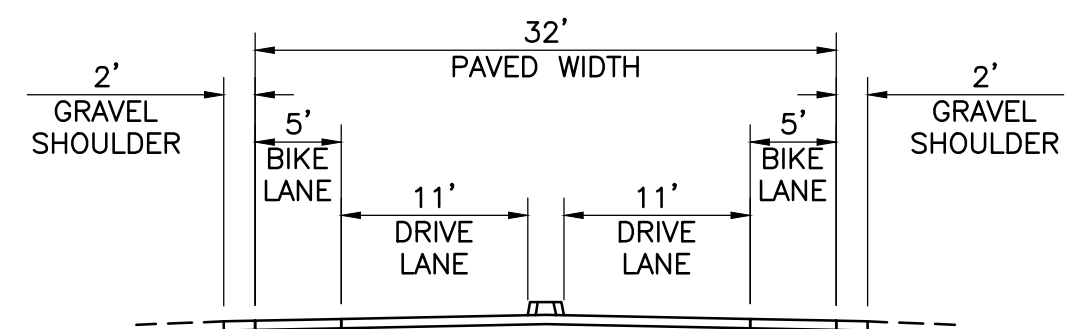
FIGURE 8-9: LEFT-TURN CHANNELIZATION

NOTE: USE STANDARD SHOULDER WIDTH THROUGH CHANNELIZED SECTION. FOR STAND ALONE SAFETY PROJECTS, THE ADJACENT SHOULDER WIDTH MAYBE USED WITH A MINIMUM OF 4' SHOULDER WIDTH FOR BICYCLE ACCOMMODATION.

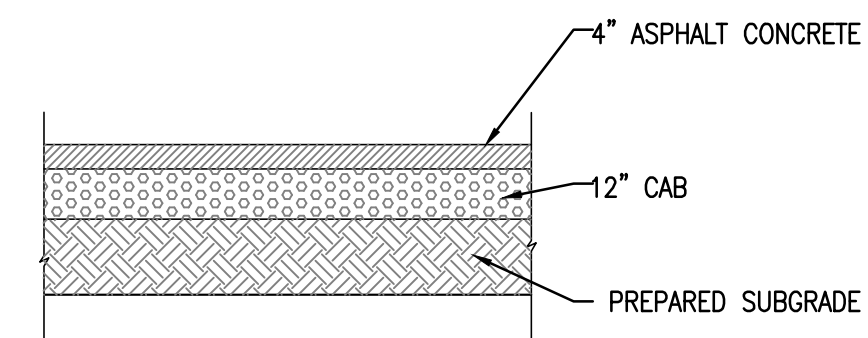
STATE OF OREGON
DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING UNIT

LEFT TURN CHANNELIZATION

HIGHWAY DESIGN MANUAL



**TYPICAL MAJOR COLLECTOR
ROAD SECTION A-A**



TYPICAL MAJOR COLLECTOR PAVEMENT SECTION

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM
AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS
COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



TRAFFIC DETAILS

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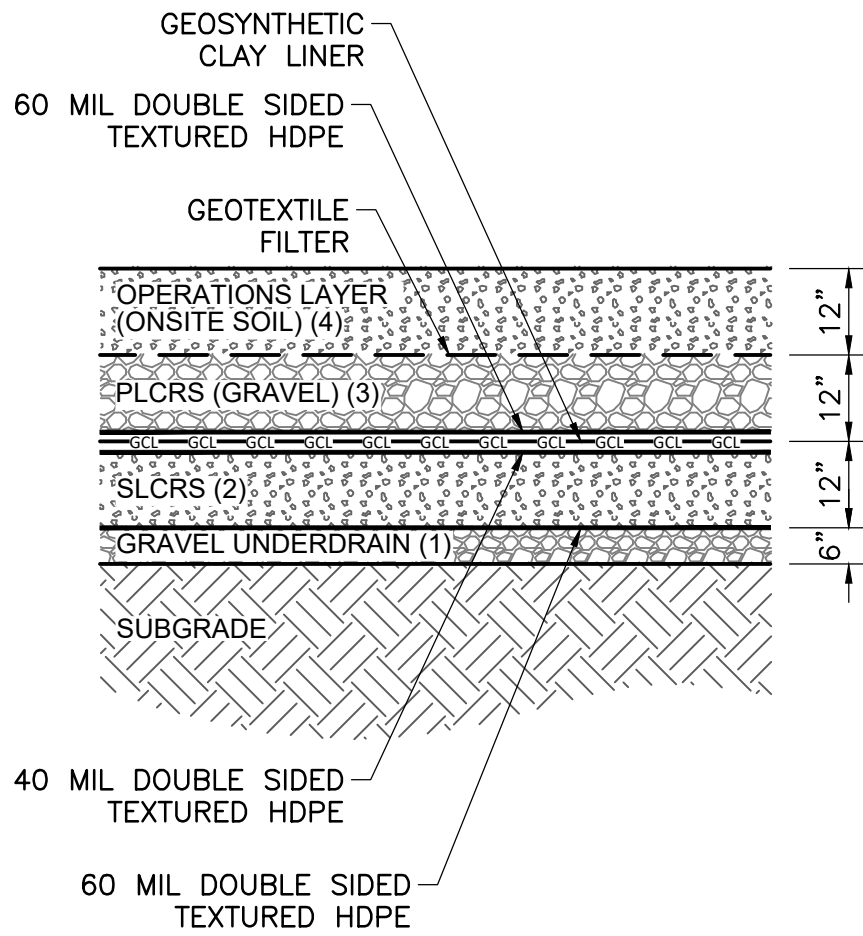
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GRAVEL PLCS LAYER GRADATION	
U.S. SIEVE SIZE	PERCENT PASSING
1 INCH	100
3/4 INCH	75 - 100
1/2 INCH	40 - 65
3/8 INCH	15 - 40
1/4 INCH	0 - 12
No. 4	0 - 3
No. 200	0 - 1

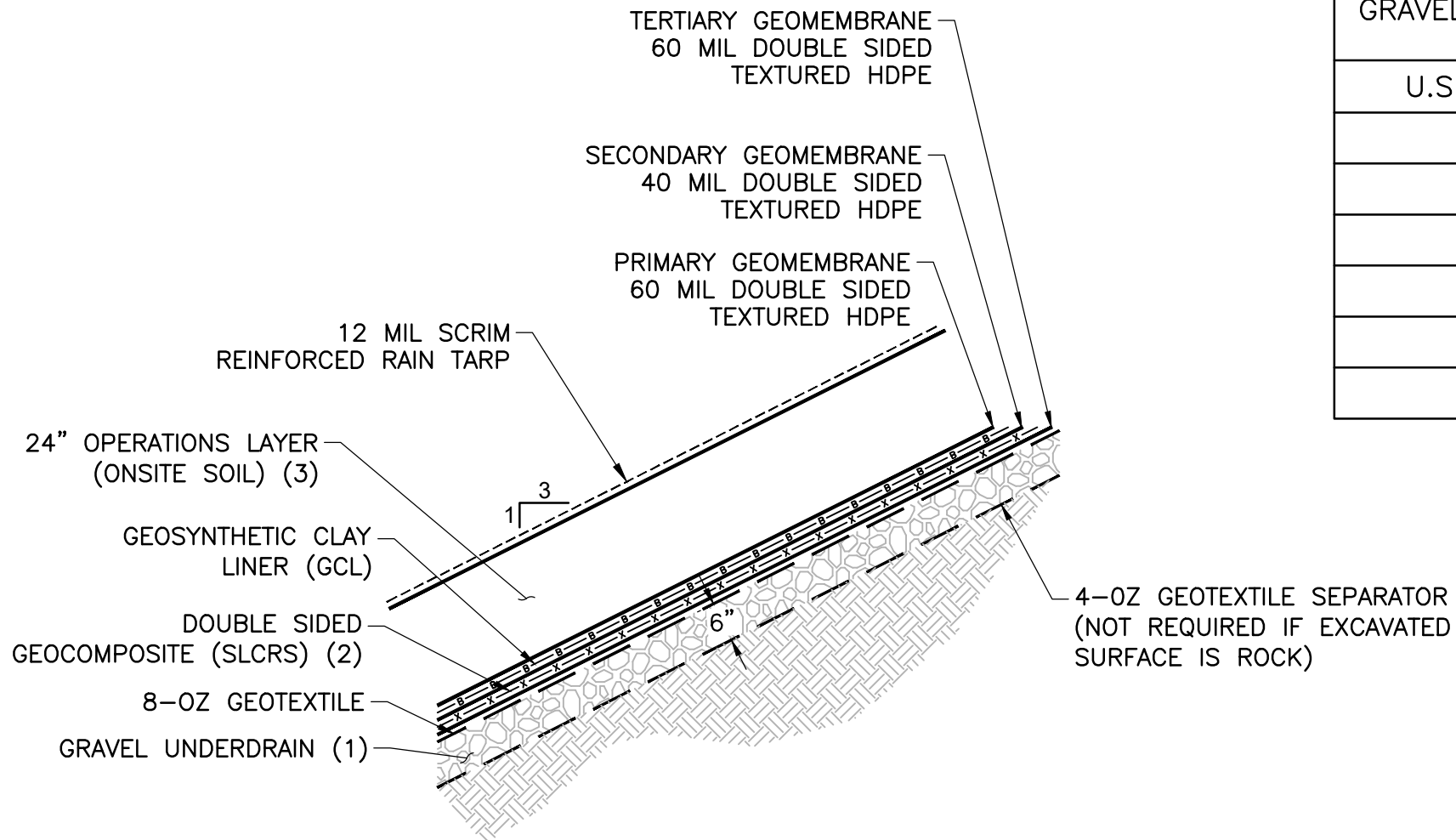
GRAVEL SLCS AND UNDERDRAIN LAYER (FLOOR) GRADATION	
U.S. SIEVE SIZE	PERCENT PASSING
3/4 INCH	100
1/2 INCH	65 - 100
3/8 INCH	40 - 65
1/4 INCH	0 - 25
No. 4	0 - 5
No. 200	0 - 1



1 BOTTOM LINER SYSTEM
NTS

NOTES:

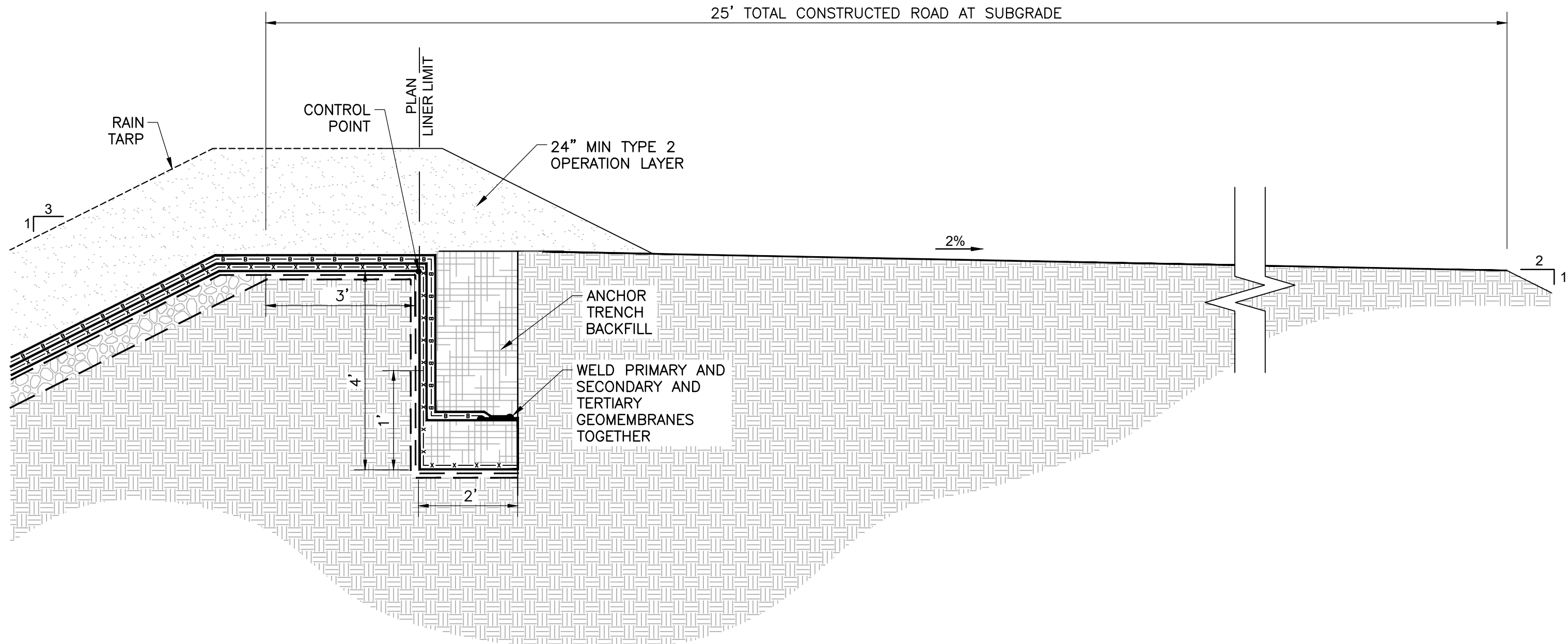
1. AN ANALYSIS SHOWING THE 6-INCH THICK GRAVEL UNDERDRAIN IS ADEQUATE WILL BE SUBMITTED TO THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY FOR THEIR REVIEW AND APPROVAL AS A PART OF THE SOLID WASTE PERMIT APPLICATION.
2. AN ANALYSIS SHOWING THE 12-INCH THICK SLCS IS ADEQUATE WILL BE SUBMITTED TO THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY FOR THEIR REVIEW AND APPROVAL AS A PART OF THE SOLID WASTE PERMIT APPLICATION.
3. AN ANALYSIS SHOWING THE 12-INCH THICK PLCS IS ADEQUATE WILL BE SUBMITTED TO THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY FOR THEIR REVIEW AND APPROVAL AS A PART OF THE SOLID WASTE PERMIT APPLICATION.
4. AN ANALYSIS SHOWING THE 12-INCH THICK OPERATIONS LAYER IS ADEQUATE WILL BE SUBMITTED TO THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY FOR THEIR REVIEW AND APPROVAL AS A PART OF THE SOLID WASTE PERMIT APPLICATION.



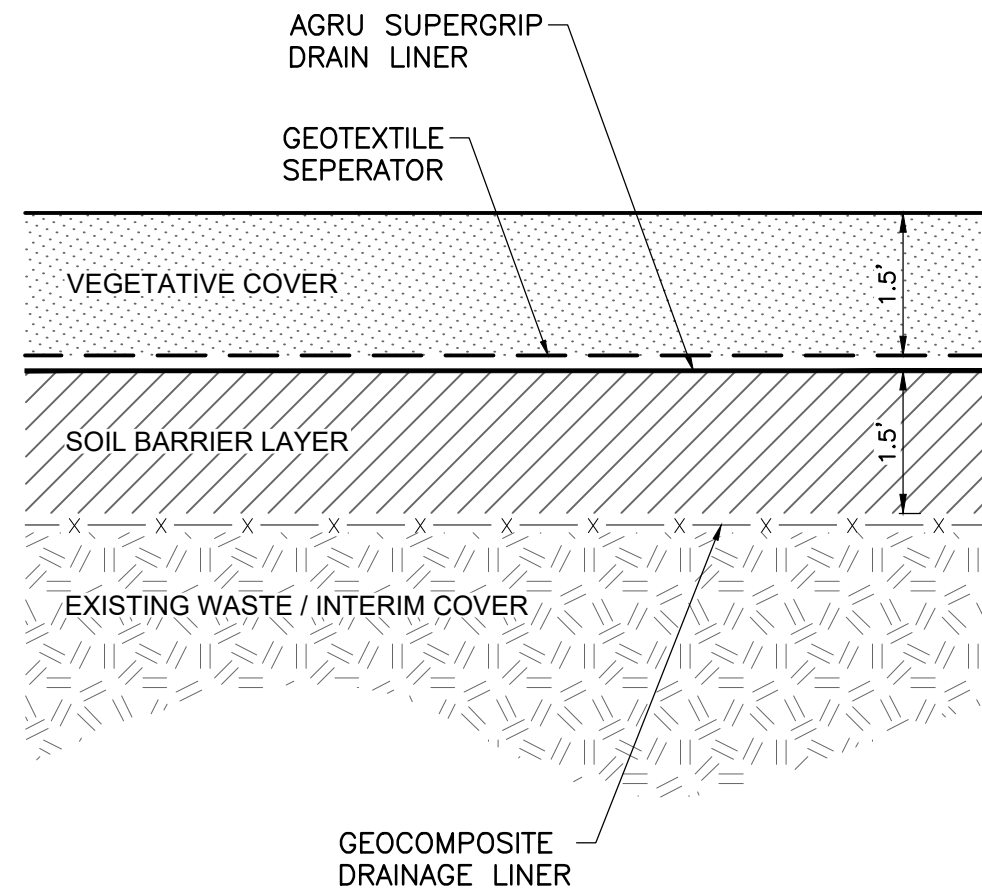
2 SIDESLOPE LINER SYSTEM
NTS

NOTES:

1. AN ANALYSIS SHOWING THE 6-INCH THICK GRAVEL UNDERDRAIN IS ADEQUATE WILL BE SUBMITTED TO THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY FOR THEIR REVIEW AND APPROVAL AS A PART OF THE SOLID WASTE PERMIT APPLICATION.



3 ANCHOR TRENCH
NTS

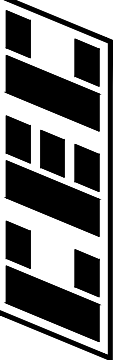


4 FINAL COVER SYSTEM
NTS

REFERENCE

AERIAL PHOTOGRAPH, TOPOGRAPHIC INFORMATION FROM AERIAL SURVEY AND GRID BY COOPER AERIAL SURVEYS COMPANY; DATE OF PHOTOGRAPHY: OCTOBER 07, 2021.



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 Civil & Environmental Consultants, Inc.			
VALLEY LANDFILLS, INC. COFFIN BUTTE LANDFILL CONDITIONAL USE PERMIT APPLICATION CORVALLIS, OR 97330			
DEVELOPMENT AREA LAYOUT			
DATE:	JANUARY 2025	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142	APPROVED BY:	JAS
DRAWING NO.: 28			