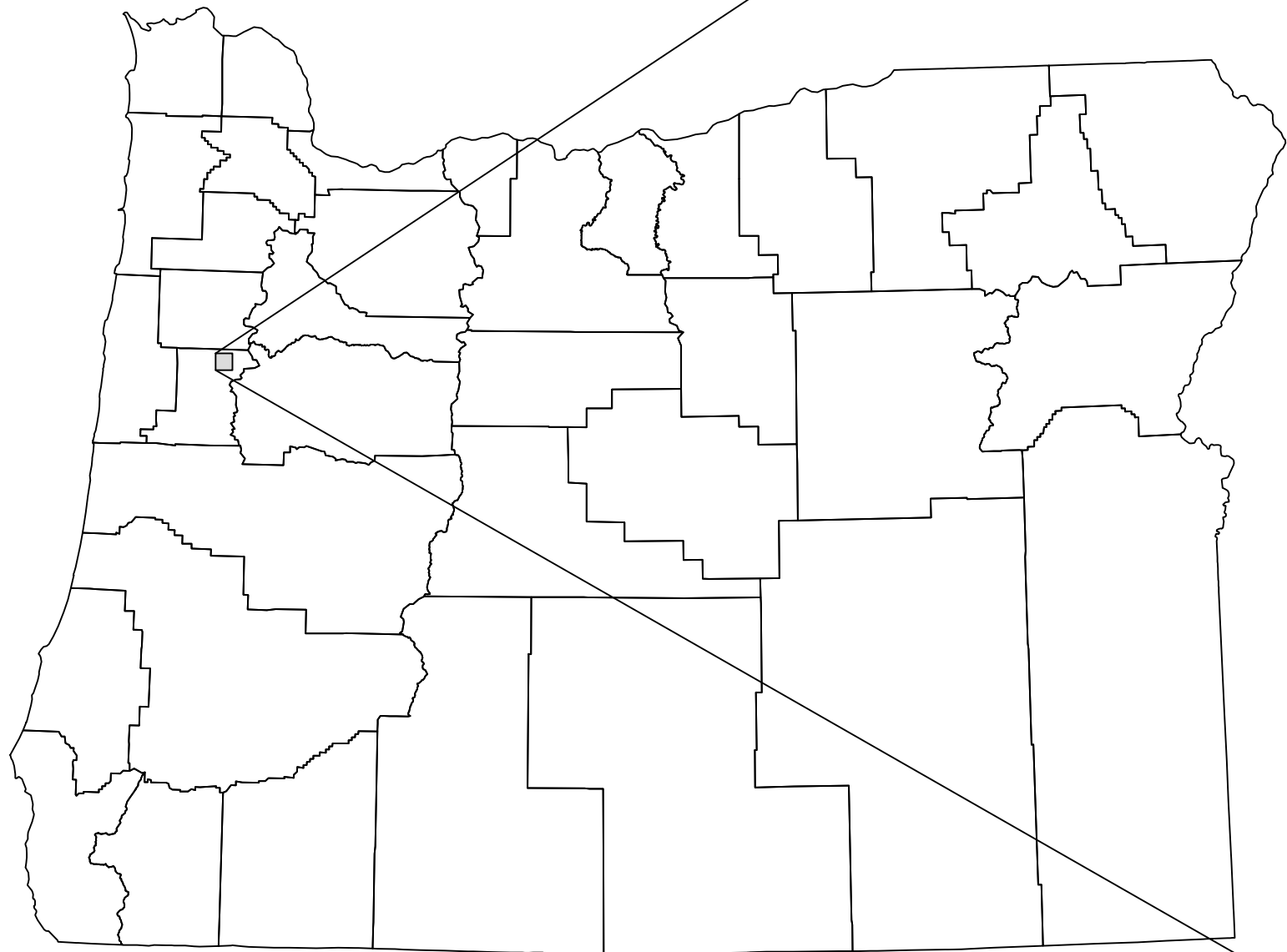

EXHIBIT 2
ENGINEERING PLANS

VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT APPLICATION
29175 COFFIN BUTTE ROAD
CORVALLIS, BENTON COUNTY, OREGON 97330

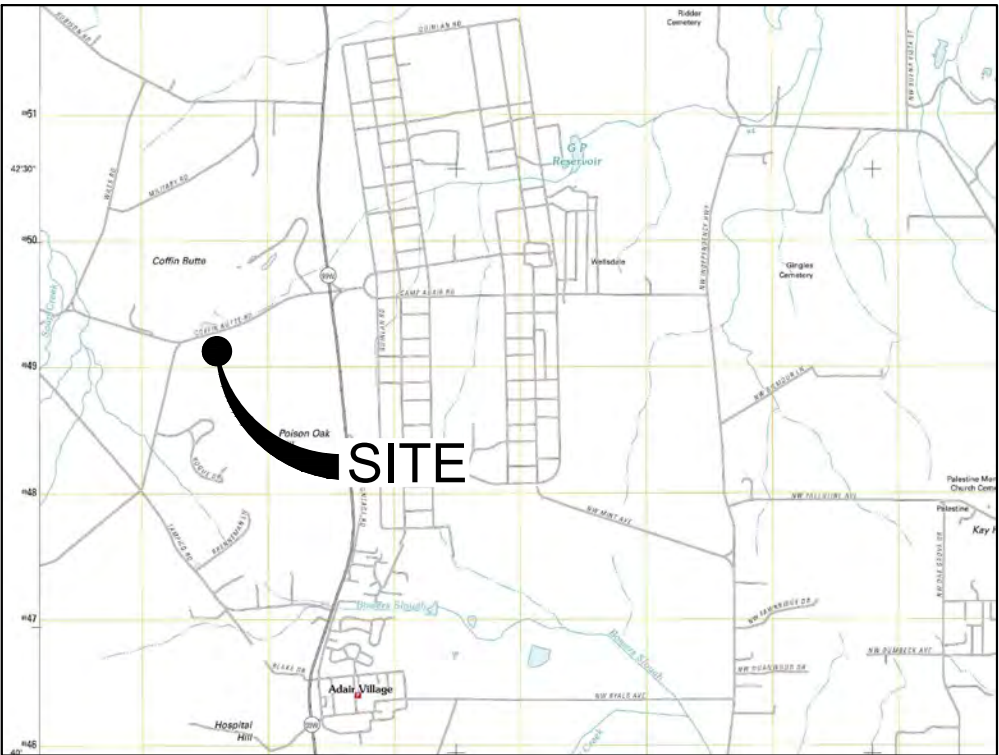
PREPARED FOR:



OREGON COUNTIES MAP
N.T.S.



SITE MAP
SCALE IN FEET
0 600 1200



U.S.G.S. MAP
U.S.G.S. 7.5 MIN. TOPOGRAPHY MAP,
LEWISBURG QUADRANGLE, OR, DATED 2011
SCALE IN FEET
0 5000 10000

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	BENTON COUNTY TAX LOTS & ZONING
2A	BENTON COUNTY TAX LOTS & ZONING
3	EXISTING CONDITIONS
4	DEMOLITION PLAN
5	OVERALL DEVELOPMENT PLAN
6	DEVELOPMENT AREA LAYOUT
7	LEFT TURN TRAFFIC PLAN
8	NORTH ROAD PLAN
9	PARKING INFRASTRUCTURE PLAN
10	DEVELOPMENT AREA TOP OF WASTE GRADES
11	DEVELOPMENT AREA PHASE 1
12	DEVELOPMENT AREA PHASE 2
13	TOP OF WASTE PHASE 1
14	TOP OF WASTE PHASE 2
15	TOP OF WASTE PHASE 3
16	TOP OF WASTE PHASE 4
17	WETPOND-DETENTION POND COMBINATION PLAN
18	LANDSCAPE PLAN
19	STOCKPILE PLAN
20	WETPOND-DETENTION POND COMBINATION PROFILES
21	WETPOND-DETENTION POND COMBINATION PROFILES
22	CROSS-SECTIONS
23	CROSS-SECTIONS
24	TRAFFIC DETAILS

REFERENCE

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



REVISION RECORD

NO	DATE	DESCRIPTION

Civil & Environmental Consultants, Inc.
11811 N. Tatum Blvd., Suite 3057 - Phoenix, AZ 85028
Ph: 602.760.2324 · 877.231.2324 · Fax: 602.760.2330
www.cecinc.com

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

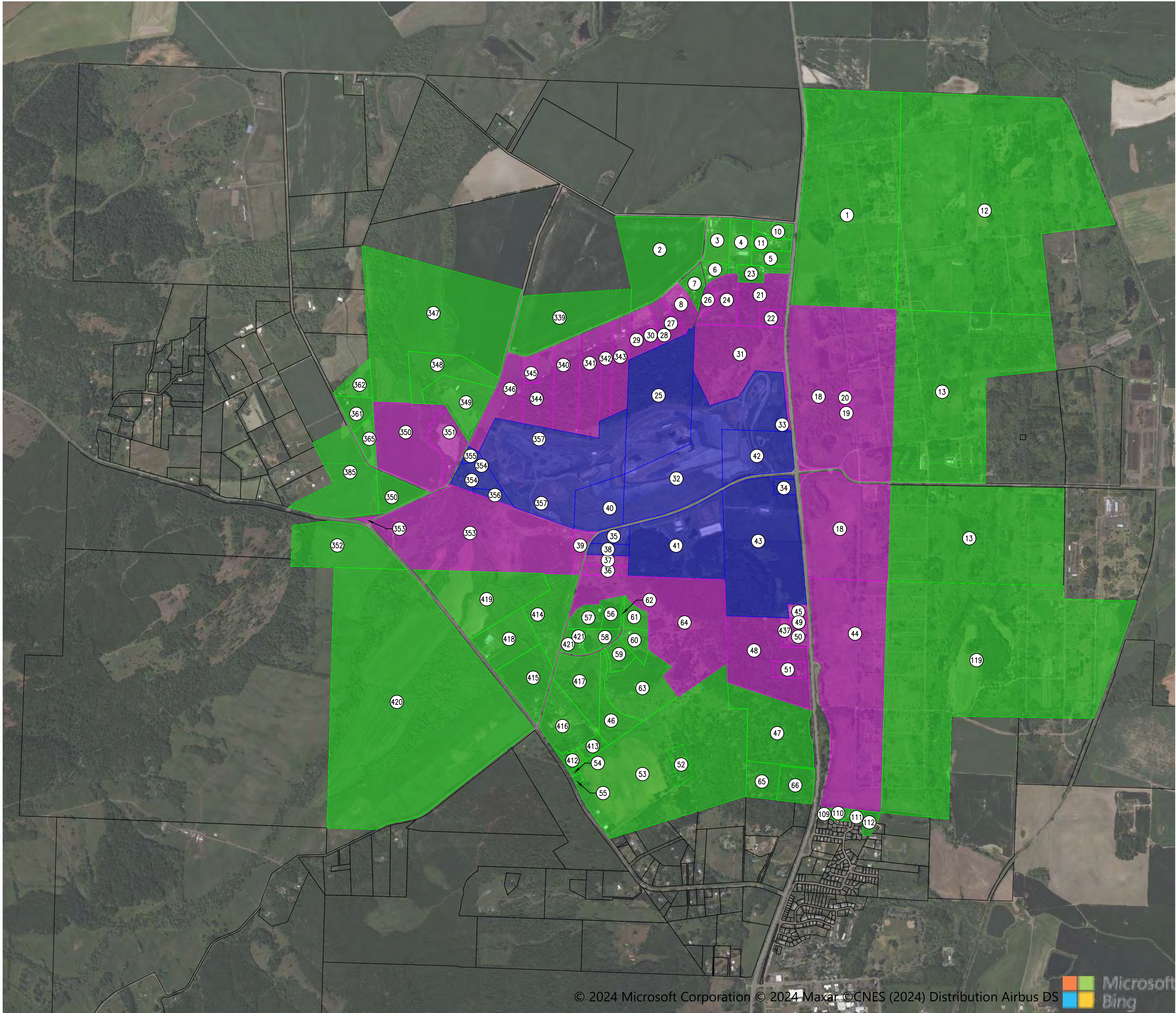
COVER SHEET

DATE:	JULY 2024	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO.:	322-142		
APPROVED BY:	JAS		

DRAWING NO.: 1

EXPIRES: 06/30/2026

P:\1300-2001\322-142\--CAD01\DWG\SW01_322142-SW01-2-Benton County Tax Lots Exhibit.dwg[3] LS(8/13/2024 - 8:31 AM) - LP: 8/13/2024 8:31 AM



LEGEND

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



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.



BENTON COUNTY TAX LOTS & ZONING		VALLEY LANDFILLS, INC. COFFIN BUTTE LANDFILL CONDITIONAL USE PERMIT APPLICATION CORVALLIS, OR 97330		 Civil & Environmental Consultants, Inc. 11811 N. Tatum Blvd., Suite 3057 - Phoenix, AZ 85028 Ph: 602.760.2324 · 877.231.2324 · Fax: 602.760.2330 www.ccecinc.com		REVISION RECORD	
DATE:	JULY 2024	DRAWN BY:	JS	NO	DATE	DESCRIPTION	
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS				
PROJECT NO:	322-142						
APPROVED BY:	JAS						
DRAWING NO.: 2							

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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

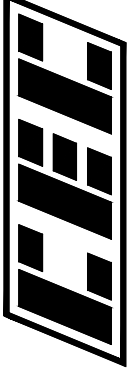
REFERENCE

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



REVISION RECORD

NO	DATE	DESCRIPTION



Civil & Environmental Consultants, Inc.
11811 N. Tatum Blvd., Suite 3057 - Phoenix, AZ 85028
Ph: 602.760.2324 · 877.231.2324 · Fax: 602.760.2330
www.cecinc.com

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

BENTON COUNTY TAX LOTS
& ZONING

DATE:	JULY 2024	DRAWN BY:	JS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142		
APPROVED BY:			JAS

DRAWING NO.:
2A

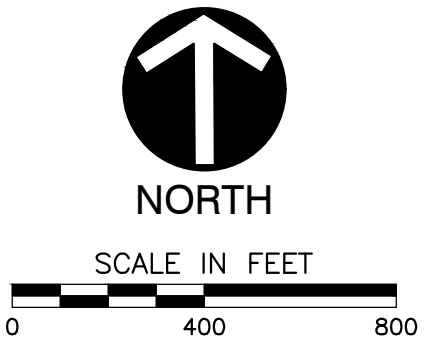
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- LEGEND**
- PROPERTY BOUNDARY
 - EXISTING LANDFILL BOUNDARY
 - TAX LOT BOUNDARY
 - WETLAND MITIGATION BOUNDARY
 - EXISTING 10-FT CONTOUR
 - EXISTING 2-FT CONTOUR
 - EXISTING PALUSTRINE FORESTED WETLAND
 - EXISTING PALUSTRINE EMERGENT WETLAND
 - HERON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

- NOTES**
1. TAX LOT BOUNDARIES FROM BENTON COUNTY ZONING MAP PANEL 41047C09756, DATED 01/19/2000 (TAX LOT BOUNDARIES MAY DIFFER FROM ZONING DATED 2021).

SITE SURVEY CONTROL POINTS			
PANEL NO.	NORTHING	EASTING	ELEVATION
29	389787.88	7493044.19	359.97
501	384664.04	7495154.42	307.12
503	387388.81	7486318.48	261.23
504	387264.72	7490779.38	284.60
509	389487.43	7488509.98	266.65
510	384184.71	7489109.45	275.60
513	385754.19	7487796.28	263.88
514	388618.37	7486338.73	248.52
10506	387033.07	7494916.43	245.27
10507	389112.23	7494668.96	221.72
10511	391036.59	7494506.97	235.97



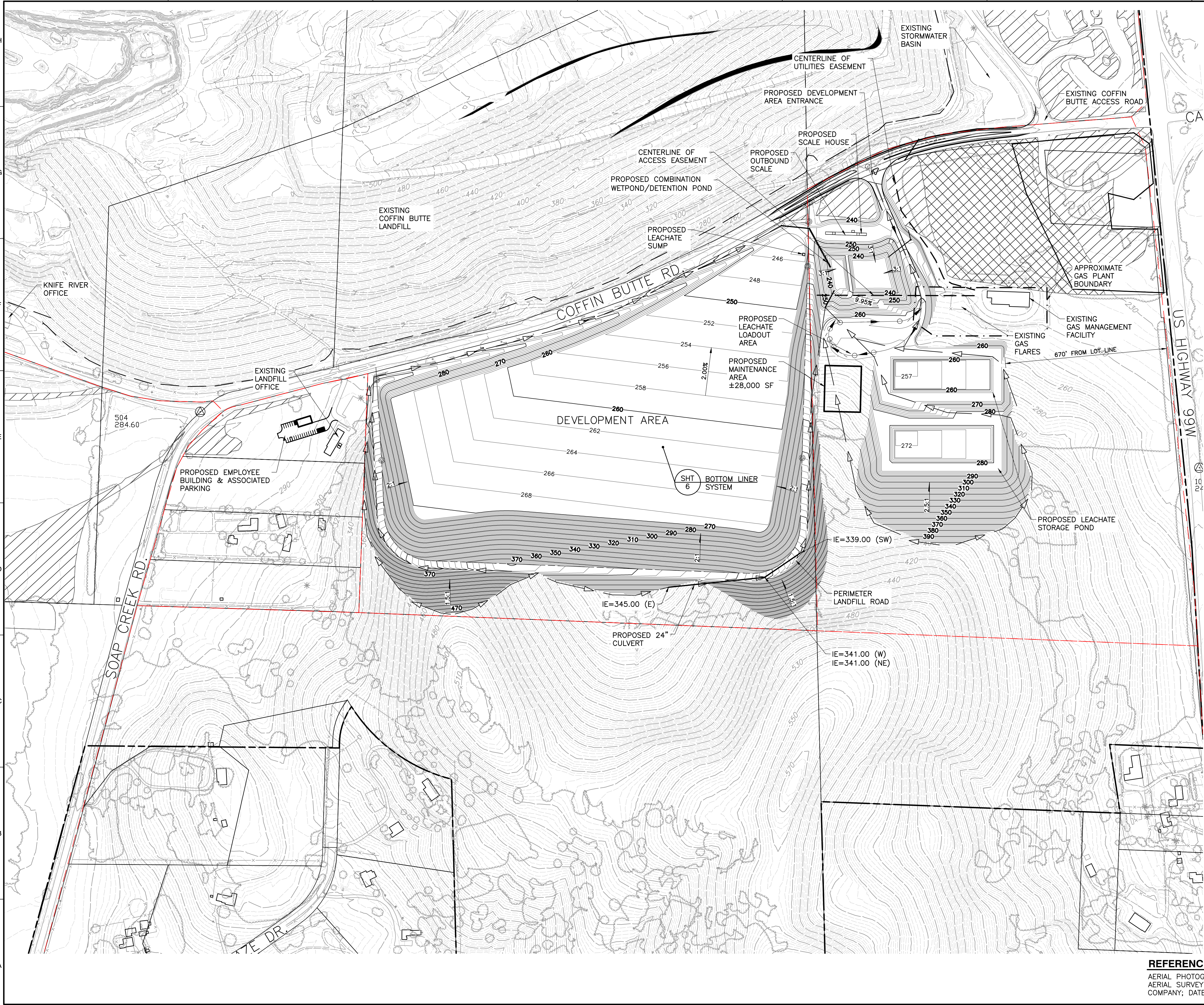
REFERENCE

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



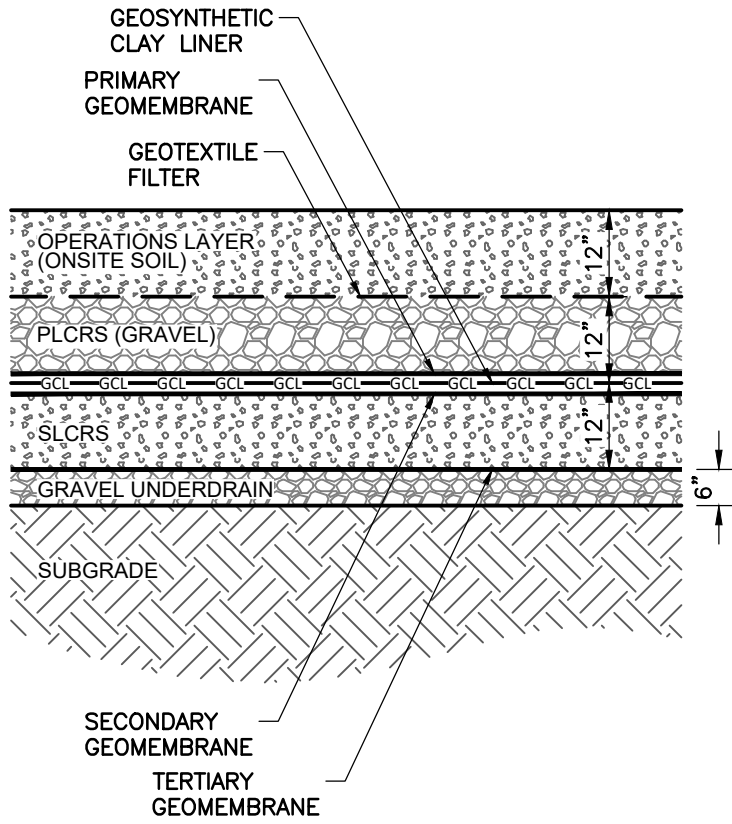
REVISION RECORD	NO	DATE	DESCRIPTION
VALLEY LANDFILLS, INC. COFFIN BUTTE LANDFILL CONDITIONAL USE PERMIT APPLICATION CORVALLIS, OR 97330	Civil & Environmental Consultants, Inc. 11811 N. Tatum Blvd., Suite 3057 - Phoenix, AZ 85028 Ph: 602.760.2324 - 877.231.2324 - Fax: 602.760.2330 www.ccecinc.com		
	EXISTING CONDITIONS		
DATE: JULY 2024		DRAWN BY: JAS	DRAWING NO.: 3
DWS SCALE: AS SHOWN		CHECKED BY: JAS	
PROJECT NO: 322-142		APPROVED BY: JAS	
APPROVED BY: JAS		EXPIRES: 06/30/2026	

P:\1300-2001\322-142-CADD\DWG\SWOT\322-142-SWOT-6-Development Area Layout.dwg[6] LS(1/24/2024 - jshw) - LP: 7/11/2024 10:07 AM

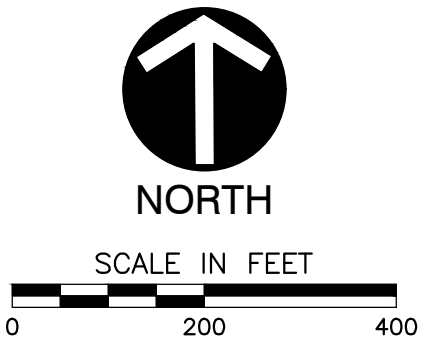


- LEGEND**
- PROPERTY BOUNDARY
 - EXISTING LANDFILL BOUNDARY
 - TAX LOT BOUNDARY
 - ZONING BOUNDARY
 - WETLAND MITIGATION BOUNDARY
 - EXISTING 10-FT CONTOUR
 - EXISTING 2-FT CONTOUR
 - EXISTING PALUSTRINE FORESTED WETLAND
 - EXISTING PALUSTRINE EMERGENT WETLAND
 - PROPOSED 10-FT CONTOUR
 - PROPOSED 2-FT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

- NOTES**
- TAX LOT BOUNDARIES FROM BENTON COUNTY ZONING MAP PANEL 41047C09756, 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.



BOTTOM LINER SYSTEM



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

REVISION RECORD	
NO	DATE

Civil & Environmental Consultants, Inc.
11811 N. Tatum Blvd., Suite 3057 - Phoenix, AZ 85028
Ph: 602.760.2324 - 877.231.2324 - Fax: 602.760.2330
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VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT APPLICATION
CORVALLIS, OR 97330

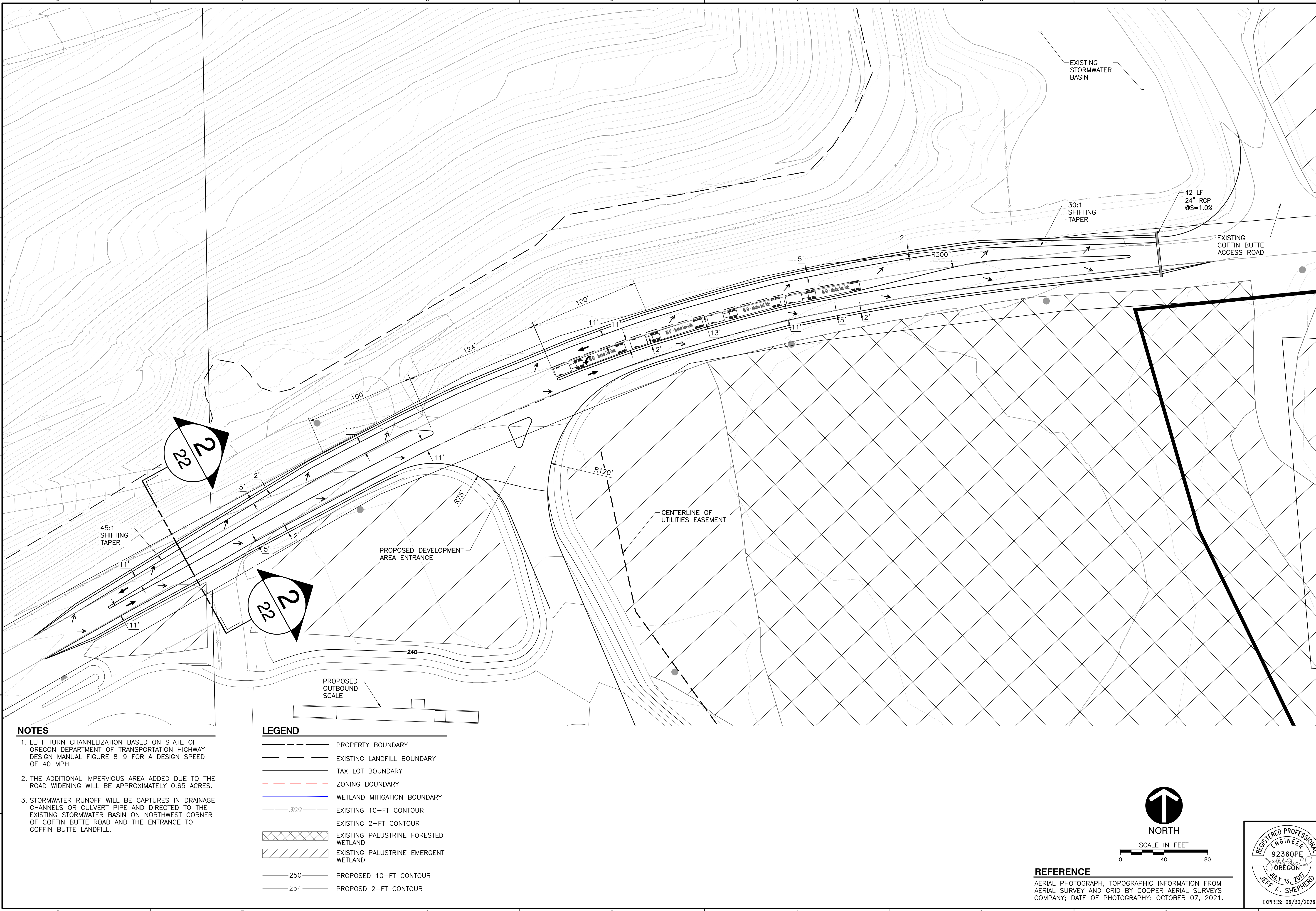
DEVELOPMENT AREA LAYOUT

DATE:	JULY 2024	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	322-142
PROJECT NO:	JAS		
APPROVED BY:			

DRAWING NO.: **6**

EXPIRES: 06/30/2026

P:\1300-0001\322-142-CADD\DWG\SW01\322142-SW01-7-Left Turn Traffic Plan.dwg[7/15/2024 8:33 AM] - LP: 7/18/2024 8:33 AM

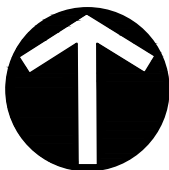


NOTES

1. LEFT TURN CHANNELIZATION BASED ON STATE OF OREGON DEPARTMENT OF TRANSPORTATION HIGHWAY DESIGN MANUAL FIGURE 8-9 FOR A DESIGN SPEED OF 40 MPH.
2. THE ADDITIONAL IMPERVIOUS AREA ADDED DUE TO THE ROAD WIDENING WILL BE APPROXIMATELY 0.65 ACRES.
3. STORMWATER RUNOFF WILL BE CAPTURED IN DRAINAGE CHANNELS OR CULVERT PIPE AND DIRECTED TO THE EXISTING STORMWATER BASIN ON NORTHWEST CORNER OF COFFIN BUTTE ROAD AND THE ENTRANCE TO COFFIN BUTTE LANDFILL.

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



NORTH

SCALE IN FEET
0 40 80

REFERENCE

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



REVISION RECORD	NO.	DATE	DESCRIPTION

Civil & Environmental Consultants, Inc.
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VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330

LEFT TURN TRAFFIC PLAN

DATE:	JULY 2024	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142	APPROVED BY:	JAS

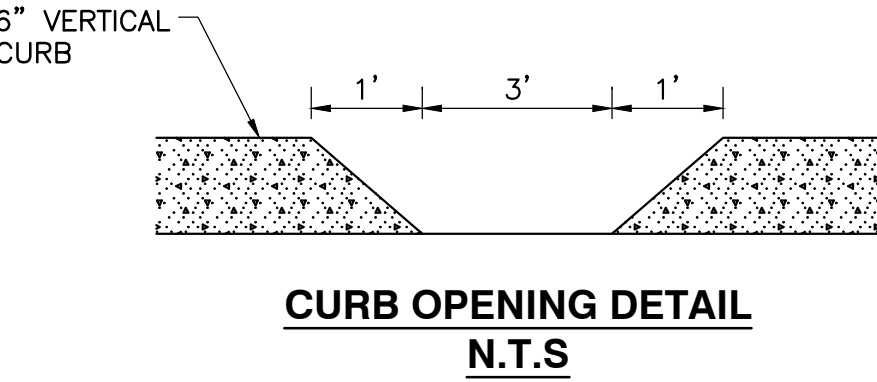
DRAWING NO.: **7**

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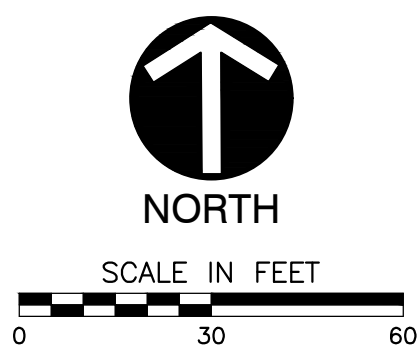


LEGEND

- 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
- HERON ROOKERY AS SHOWN ON MAP BY ODF WILDLIFE BIOLOGIST DATED 08/23/21



- NOTE**
- PROPOSED SEPTIC TANK TO BE PUMPED AS REQUIRED.
 - POTABLE WATER WILL BE OBTAINED FROM ON-SITE WATER WELL.
 - APPROXIMATELY 30 PEOPLE WILL BE USING THE LOCKER ROOM.



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



REVISION RECORD		
NO	DATE	DESCRIPTION

Civil & Environmental Consultants, Inc.
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Ph: 602.760.2324 • 877.231.2324 • Fax: 602.760.2330
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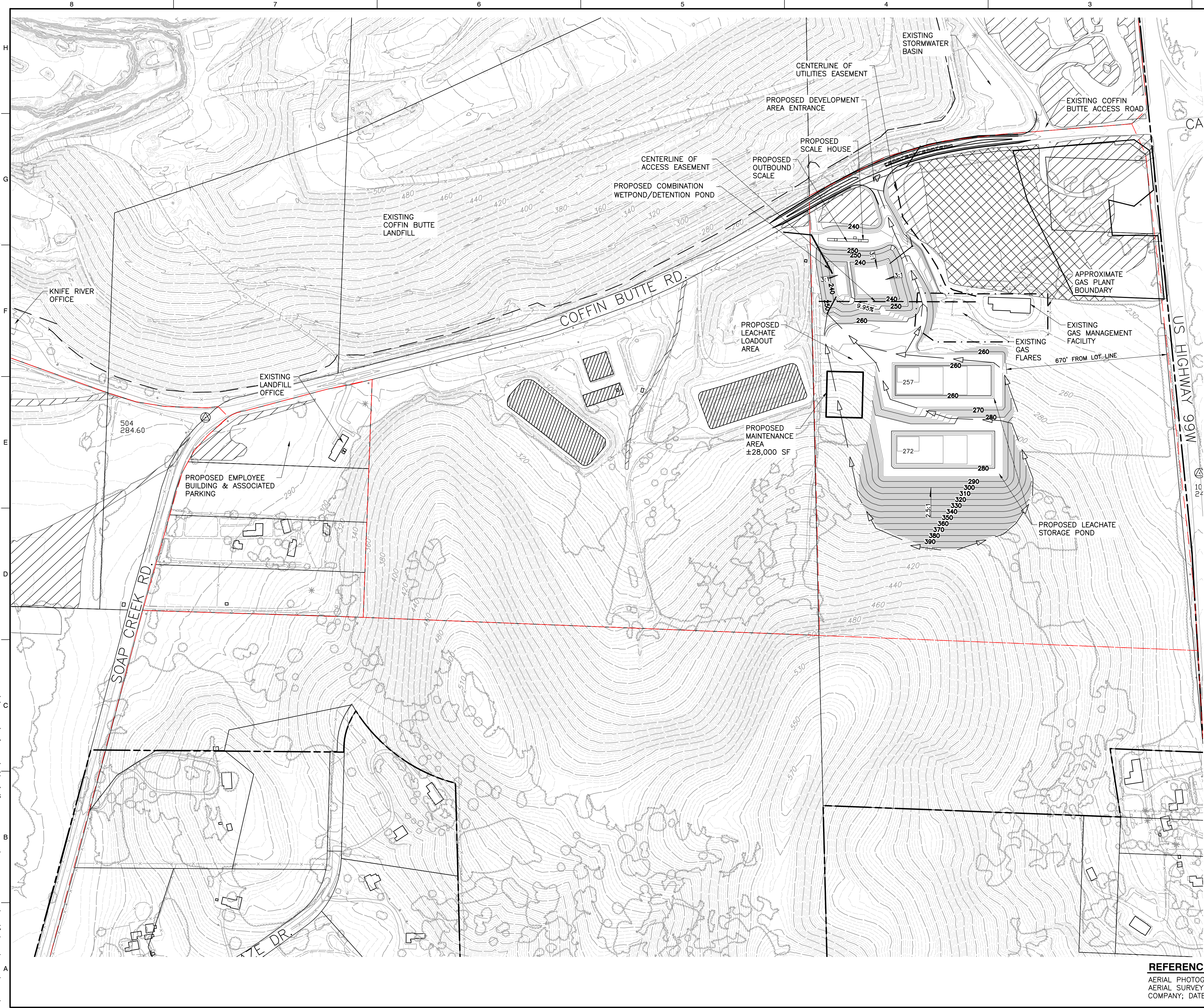
VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT APPLICATION
CORVALLIS, OR 97330

PARKING INFRASTRUCTURE PLAN

DATE:	JULY 2024	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142	APPROVED BY:	JAS

DRAWING NO.: **9**

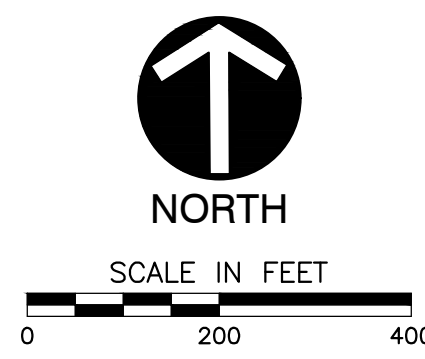
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- LEGEND**
- PROPERTY BOUNDARY
 - EXISTING LANDFILL BOUNDARY
 - TAX LOT BOUNDARY
 - ZONING BOUNDARY
 - WETLAND MITIGATION BOUNDARY
 - EXISTING 10-FT CONTOUR
 - EXISTING 2-FT CONTOUR
 - EXISTING PALUSTRINE FORESTED WETLAND
 - EXISTING PALUSTRINE EMERGENT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

- NOTES**
- TAX LOT BOUNDARIES FROM BENTON COUNTY ZONING MAP PANEL 41047C09756, 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.

- DEVELOPMENT AREA PHASE 1 (YEAR 1)**
- CUT VOLUME = 416,325 CY
FILL VOLUME = 48,304 CY
TOTAL VOLUME (CUT) = 368,021 CY
 - EXCESS CUT WILL BE HAULED TO THE QUARRY FOR USE AS FILL MATERIAL FOR CELL 6 OR AS DAILY/INTERMEDIATE COVER.



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



REVISION RECORD	
NO	DATE

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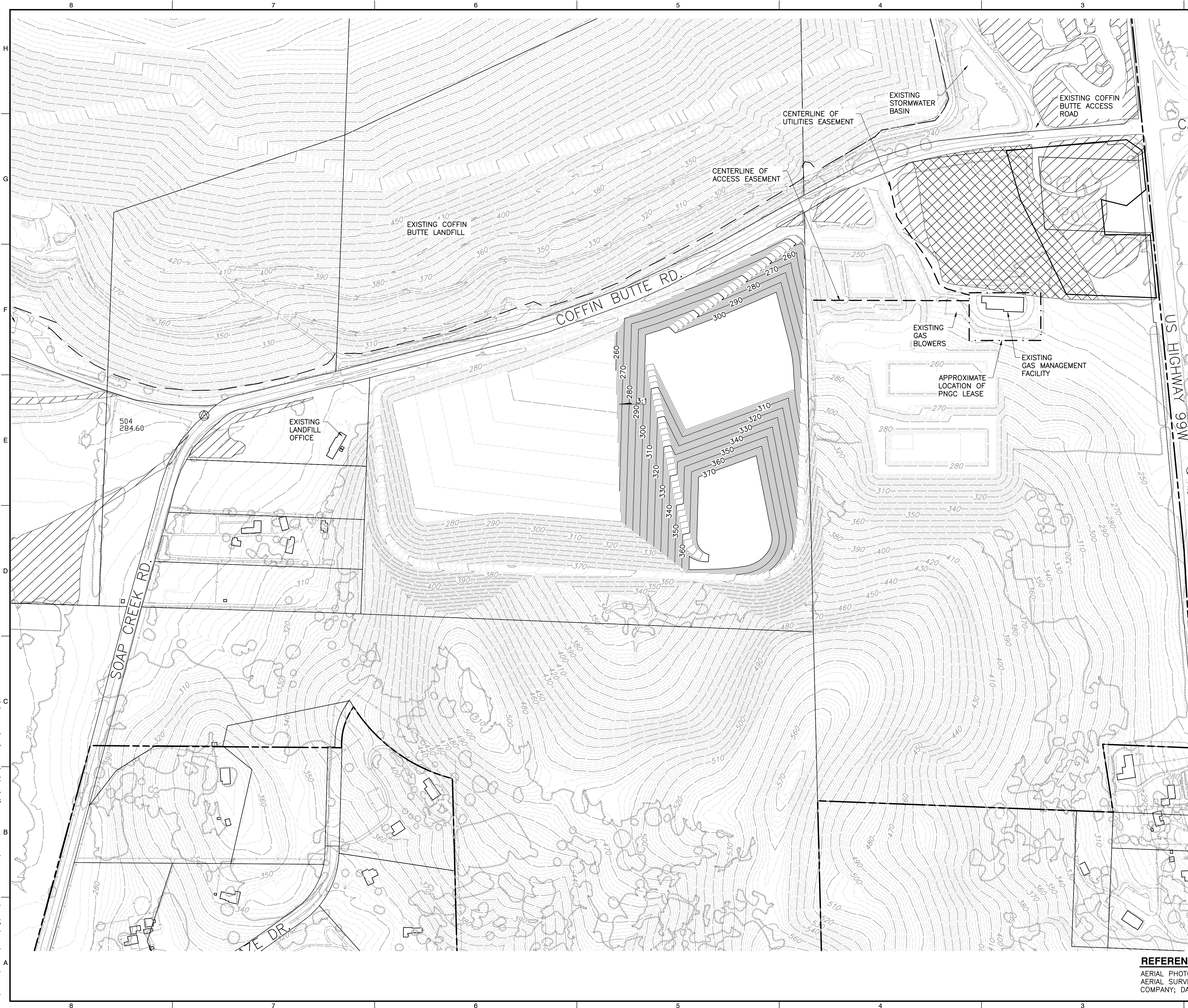
VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT APPLICATION
CORVALLIS, OR 97330

DEVELOPMENT AREA PHASE 1

DATE:	JULY 2024	DRAWN BY:	JAS
DWG SCALE: <td>AS SHOWN</td> <td>CHECKED BY:<td>JAS</td></td>	AS SHOWN	CHECKED BY: <td>JAS</td>	JAS
PROJECT NO: <td>322-142</td> <td>APPROVED BY:<td>JAS</td></td>	322-142	APPROVED BY: <td>JAS</td>	JAS

DRAWING NO.: **11**

EXPIRES: 06/30/2026

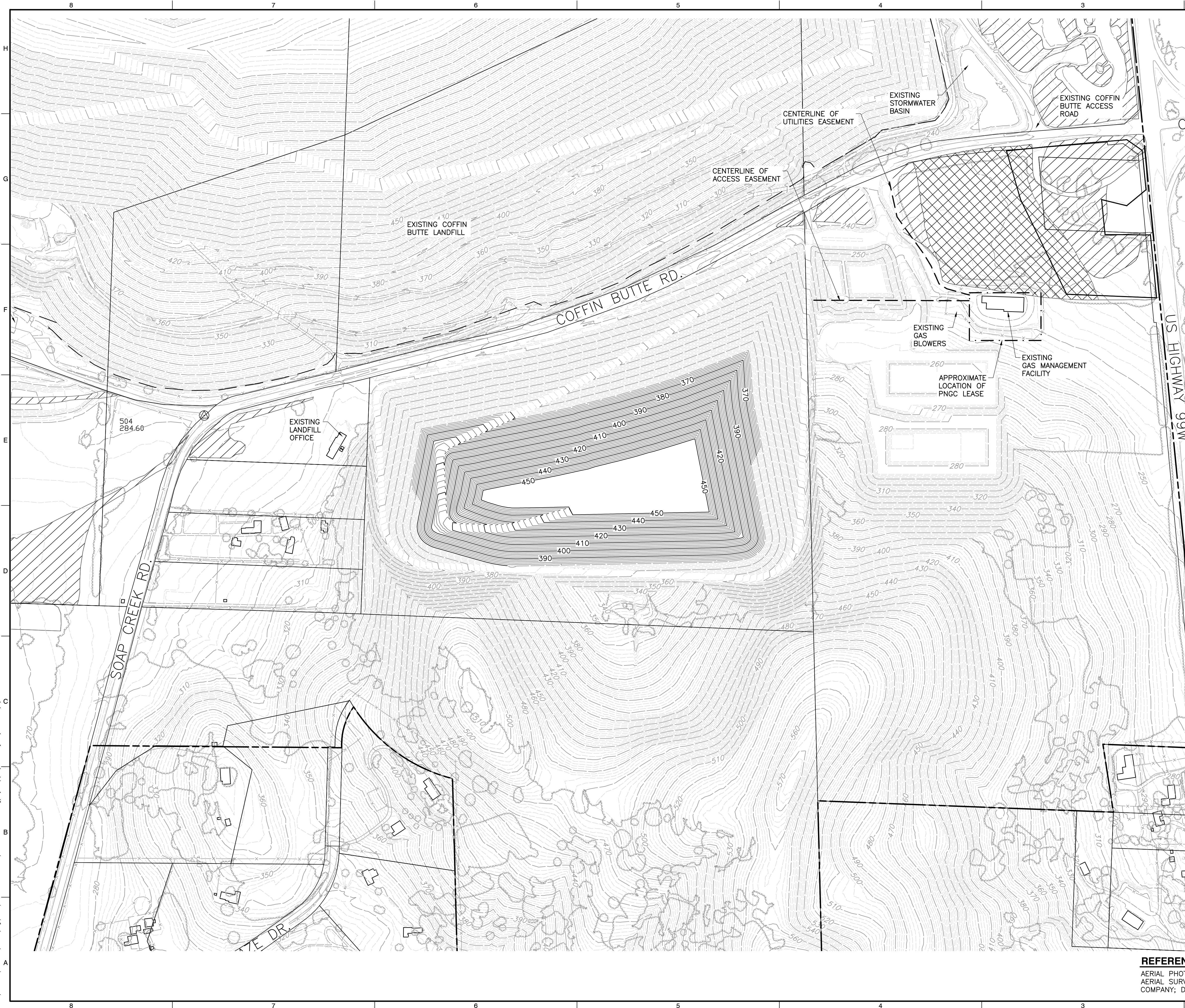


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[illegible]

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

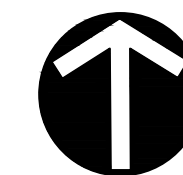
DRAWING NO.:



LEGEND

NOTES

TOP OF WASTE PHASE 4 (YEAR 8-9)

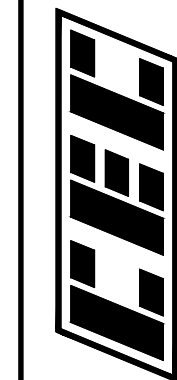


SCALE IN FEET

0 200 400



REFERENCE

[illegible]

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11811 N. Tatum Blvd., Suite 3057 - Phoenix, AZ 85028
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CORVALLIS, OR 97330**

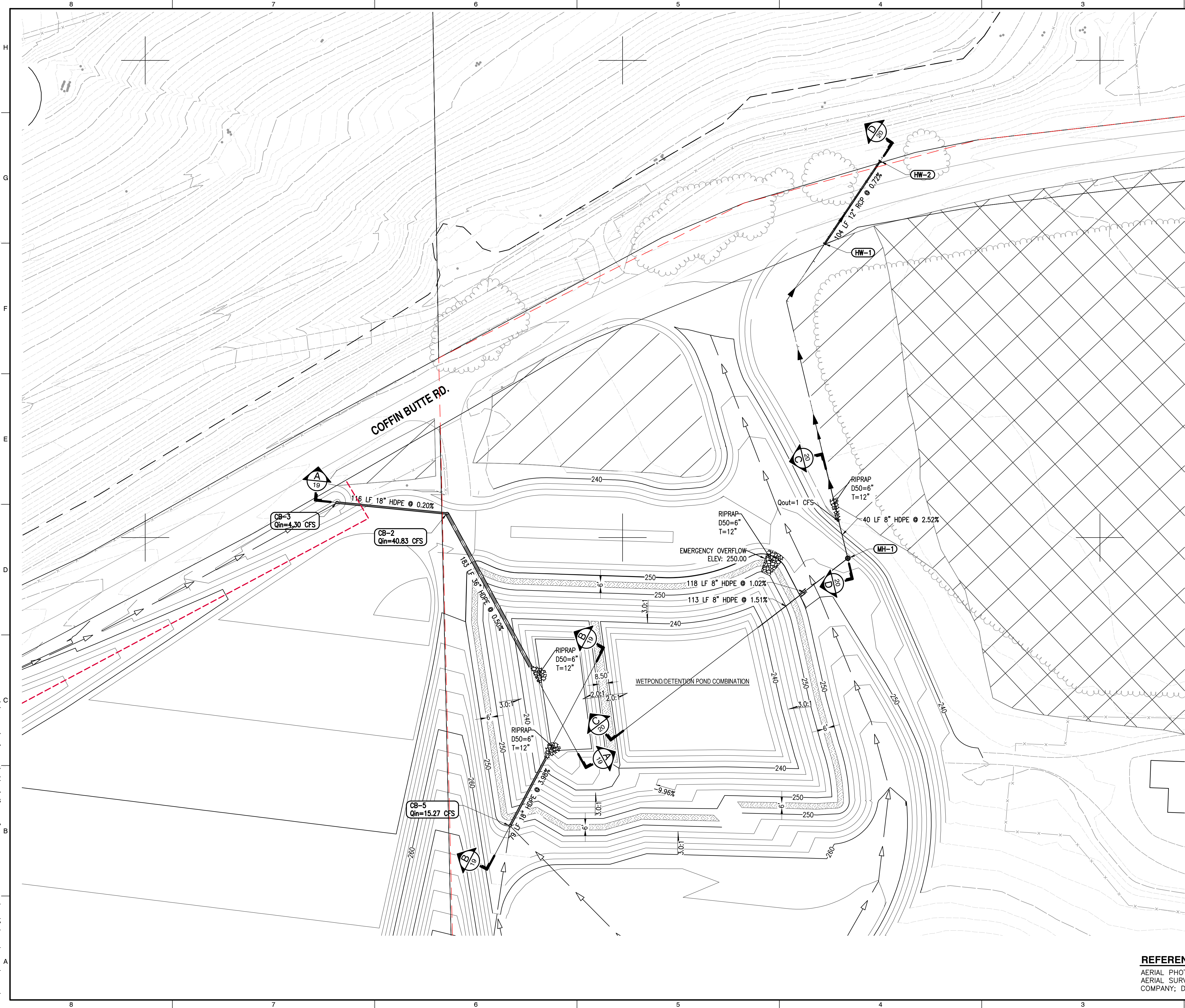
TOP OF WASTE PHASE 4

DATE:	JULY 2024	DRAWN BY:	JS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142		
APPROVED BY:	JAS		

DRAWING NO.:

16

P:\1300-2001\322-142-CAD01\DWG\SW01_322142-SW01-10-Stormwater_Management.dwg[17] LSC(1/25/2024 - jshub) - LP: 7/2/2024 4:05 PM



- LEGEND**
- EXISTING GROUND ON OCTOBER 07, 2021
 - PROPOSED TOP OF WASTE GRADES
 - PROPOSED DEVELOPMENT AREA GRADES
 - DRAINAGE SWALE
 - 8-INCH STORM PIPE
 - FLOW PATH
 - STORM PIPE > 8-INCH
 - 30-INCH CATCH BASIN
 - HEADWALL
 - RIPRAP
 - TOP OF BERM
 - SECTION

WETPOND / DETENTION POND COMBINATION	
REQUIRED VOLUME (Vr)	113,750 CF
PROVIDED VOLUME (Vp)	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

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



REVISION RECORD

NO	DATE	DESCRIPTION

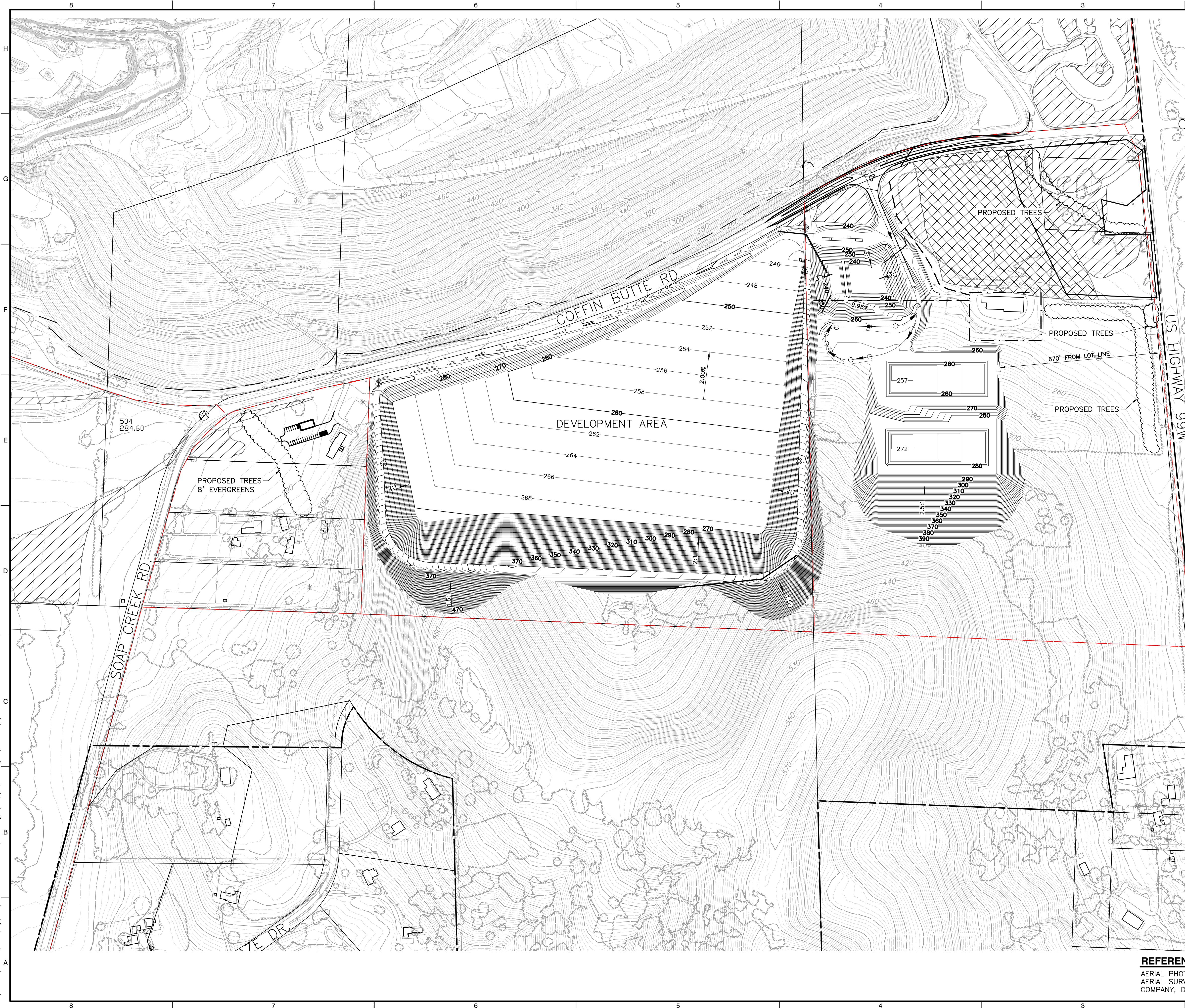
Valley Landfills, Inc.
Civil & Environmental Consultants, Inc.
11811 N. Tatum Blvd., Suite 3057 - Phoenix, AZ 85028
Ph: 602.760.2324 - 877.231.2324 - Fax: 602.760.2330
www.ccecinc.com

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

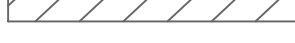
**WETPOND-DETENTION
POND COMBINATION PLAN**

DATE:	JULY 2024	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142	APPROVED BY:	JAS

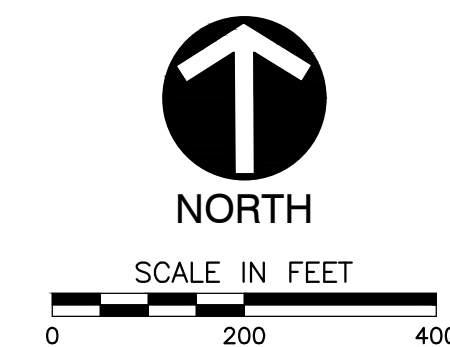
DRAWING NO.: **17**



LEGEND

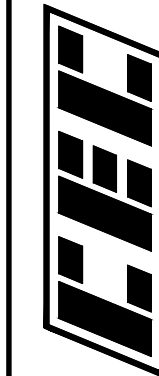
	PROPERTY BOUNDARY
	EXISTING LANDFILL BOUNDARY
	TAX LOT BOUNDARY
	ZONING BOUNDARY
	WETLAND MITIGATION BOUNDARY
	EXISTING 10-FT CONTOUR
	EXISTING 2-FT CONTOUR
	EXISTING PALUSTRINE FORESTED WETLAND
	EXISTING PALUSTRINE EMERGENT WETLAND
	PROPOSED 10-FT CONTOUR
	PROPOSED 2-FT CONTOUR
	PROPOSED TREES

- ## 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. 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.

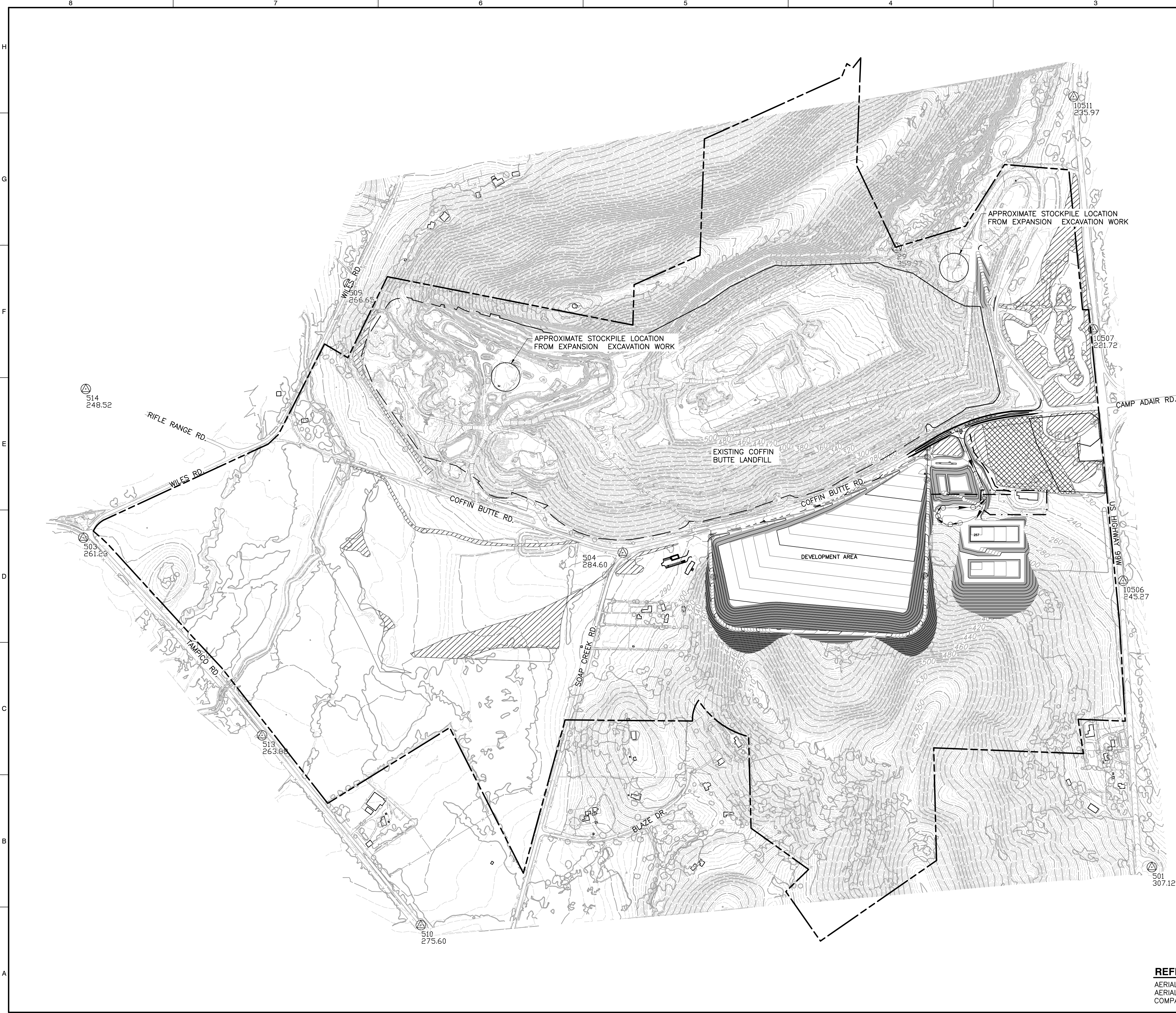
[illegible]

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

LANDSCAPE PLAN		DATE:		JULY 2024	DRAWN BY:	JS	
		DWG SCALE:			AS SHOWN	CHECKED BY:	JAS
		PROJECT NO:					322-142
		APPROVED BY:					JAS
DRAWING NO.:							

DRAWING NO.:
18

P:\1300-2001\322-142-CADD\DWG\SW01\322142-SW01-19-Stockpile Plan.dwg(19) LS(1/26/2024 - John) - LP: 7/2/2024 4:15 PM



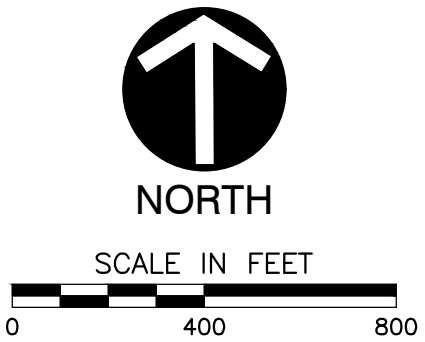
- LEGEND**
- PROPERTY BOUNDARY
 - EXISTING LANDFILL BOUNDARY
 - TAX LOT BOUNDARY
 - ZONING BOUNDARY
 - WETLAND MITIGATION BOUNDARY
 - EXISTING 10-FT CONTOUR
 - EXISTING 2-FT CONTOUR
 - EXISTING PALUSTRINE FORESTED WETLAND
 - EXISTING PALUSTRINE EMERGENT WETLAND
 - PROPOSED 10-FT CONTOUR

NOTES

1. TAX LOT BOUNDARIES FROM BENTON COUNTY ZONING MAP PANEL 41047C09756, 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.



REVISION RECORD	NO	DATE	DESCRIPTION

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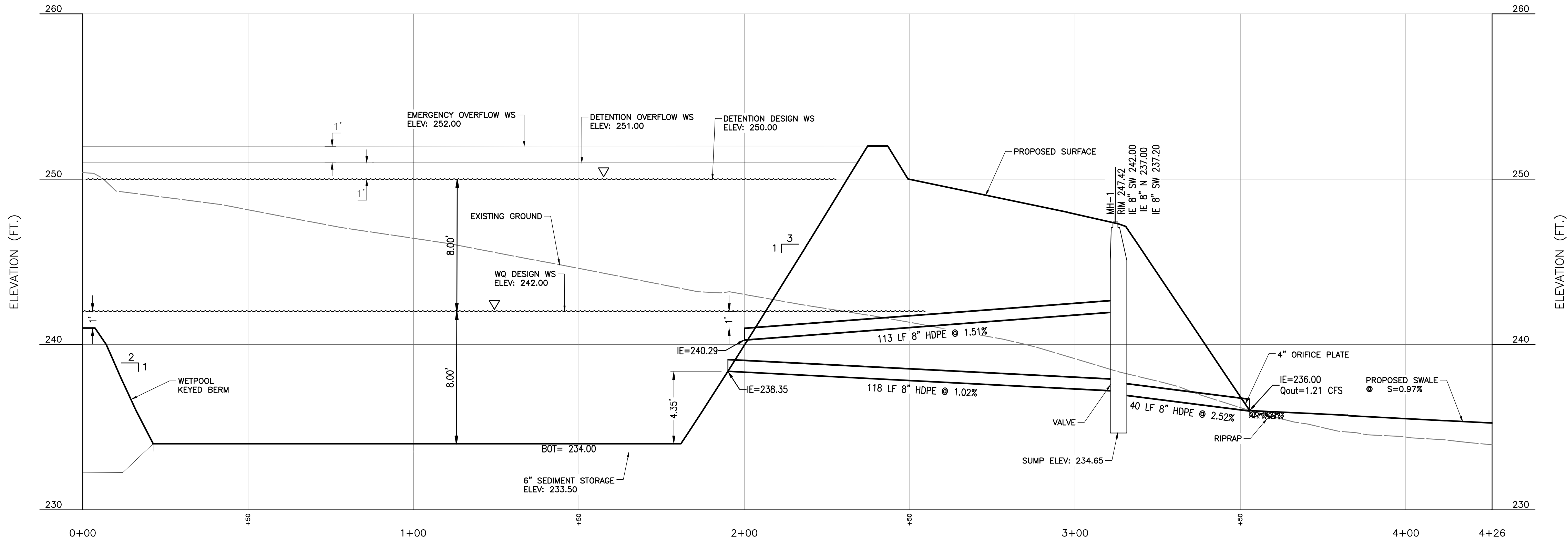
VALLEY LANDFILLS, INC.
COFFIN BUTTE LANDFILL
CONDITIONAL USE PERMIT
APPLICATION
CORVALLIS, OR 97330

STOCKPILE PLAN

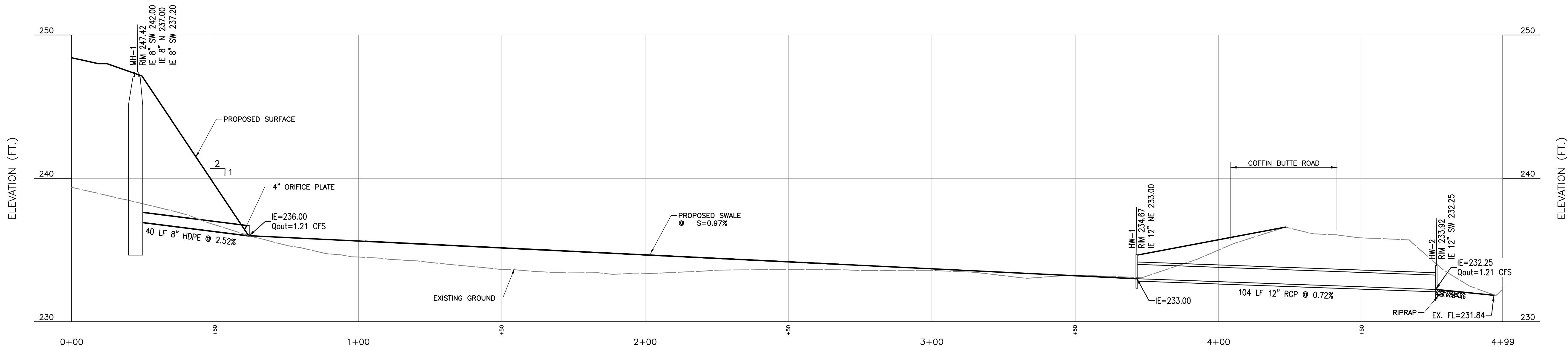
DATE:	JULY 2024	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:	322-142	APPROVED BY:	JAS

DRAWING NO.: **19**

P:\1300-2001\322-142-CADD\DWG\SWP\322142-SWP1-21-Cross Sections.dwg(2/11 LS(7/2/2024 - JAS)) - LP: 7/2/2024 4:31 PM



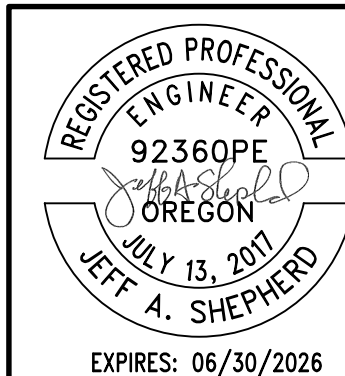
CROSS-SECTION C-C
SCALE H:1"=20'; V:1"=4'



CROSS-SECTION D-D
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.



REVISION RECORD	NO.	DATE	DESCRIPTION

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WETPOND-DETENTION POND
COMBINATION PROFILES

DATE:	JULY 2024	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO.:	322-142	APPROVED BY:	JAS

DRAWING NO.:

21

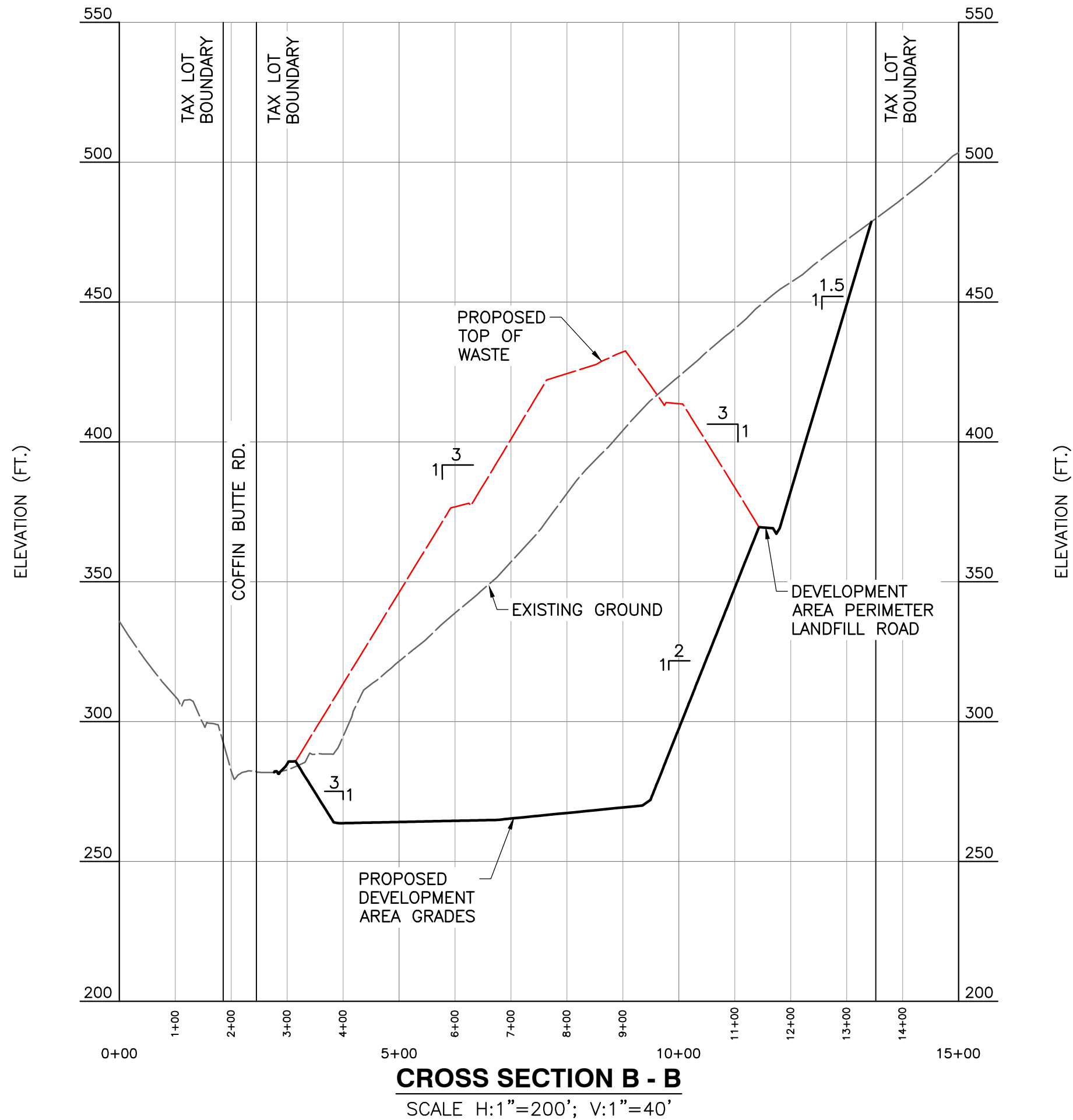
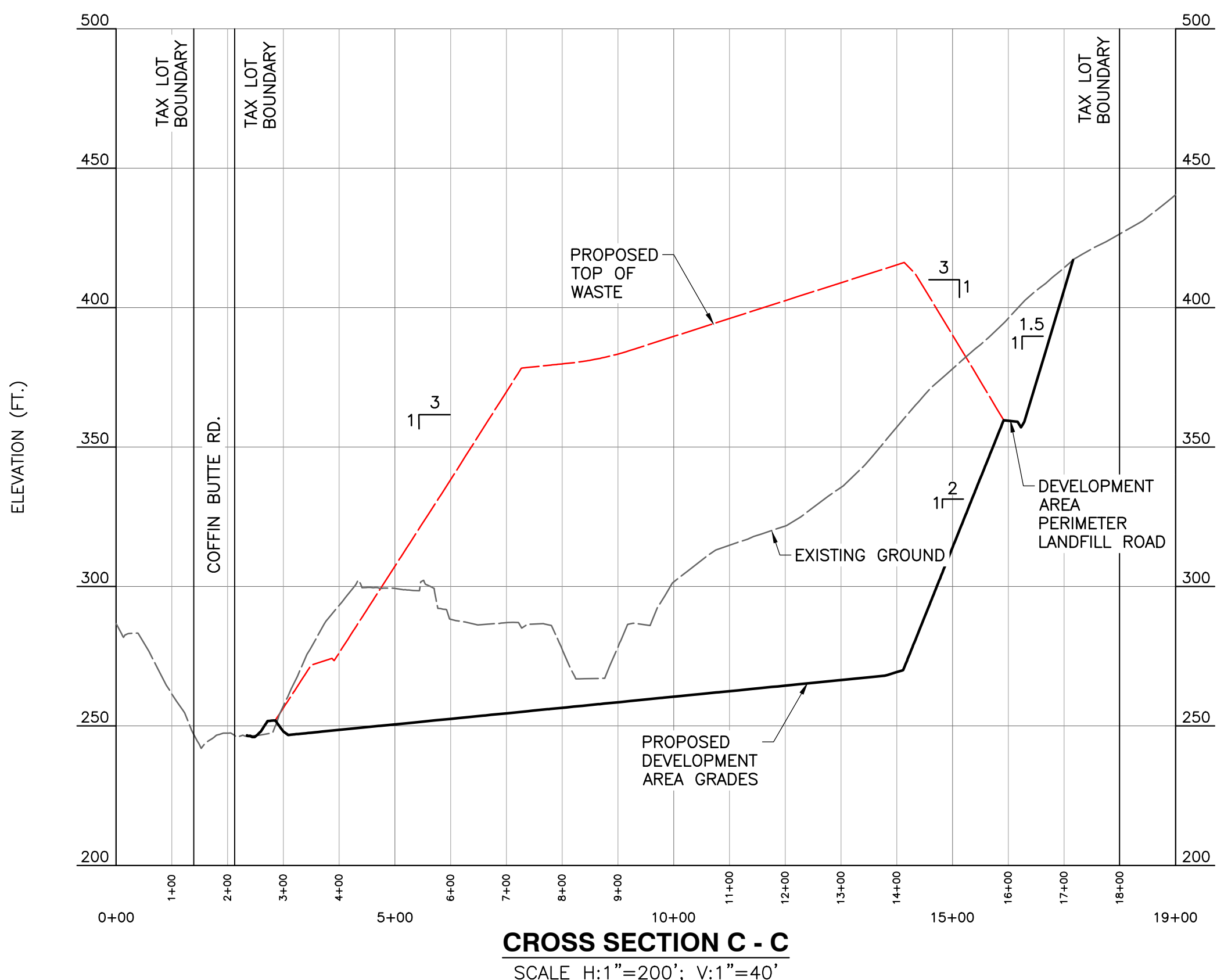
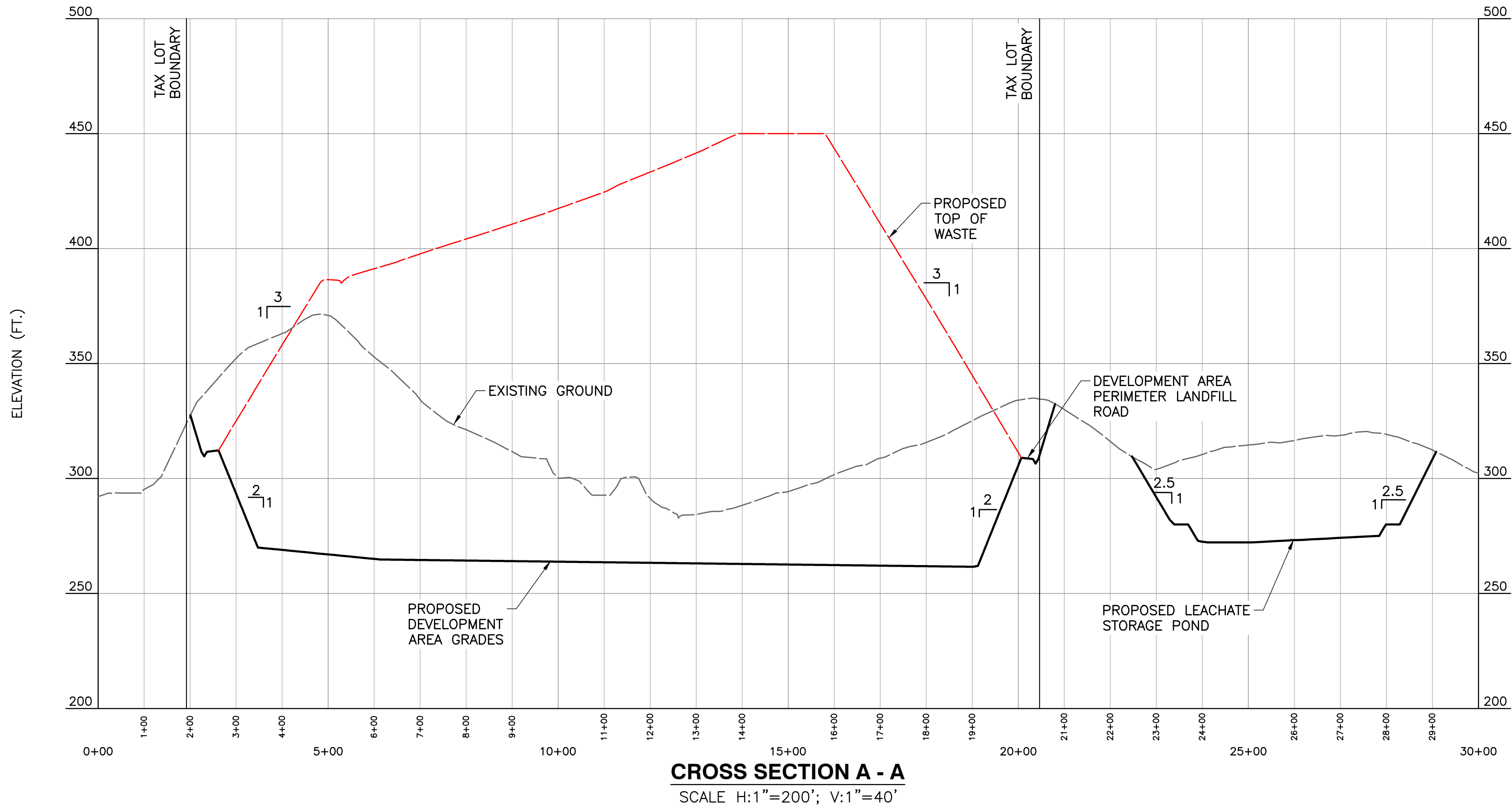
P:\1300-000\1322-142-CADD\Draw\SWOT\1322142-SWOT-21-Cross Sections.dwg[15/06/2024 - 10:31 AM] - (P: 6/6/2024 8:33 AM)

LEGEND

— — — — — EXISTING GROUND ON OCTOBER 07, 2021

— — — — — PROPOSED TOP OF WASTE GRADES

— — — — — PROPOSED DEVELOPMENT AREA GRADES



REFERENCE

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



CROSS-SECTIONS	
DATE:	JULY 2024
DRAWN BY:	JAS
DWG SCALE:	AS SHOWN
CHECKED BY:	JAS
PROJECT NO:	322-142
APPROVED BY:	JAS

VALLEY LANDFILLS, INC.
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REVISION RECORD	
NO	DATE

DRAWING NO.: **22**

A B C D E F G H

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



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



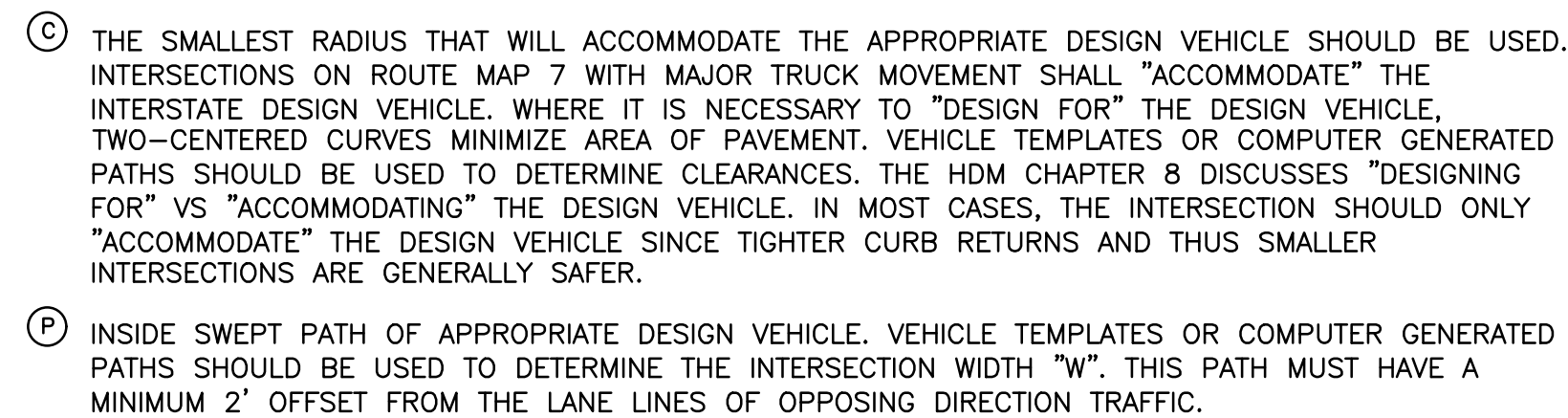
DATE:	JULY 2024	DRAWN BY:	JAS
DWG SCALE:	AS SHOWN	CHECKED BY:	JAS
PROJECT NO:			
APPROVED BY:	322-142		
	JAS		

23



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[illegible][illegible]



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

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

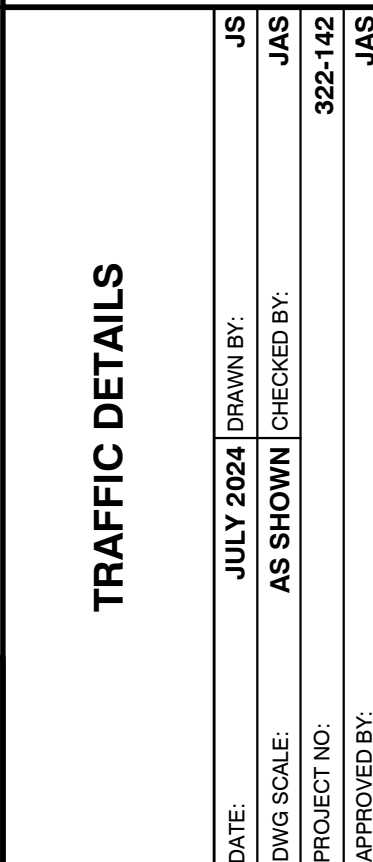
- ① TAPER RATE—SEE DATA TABLE
- ② SEE RIGHT TURN CHANNELIZATION
FIG. 8-8
- ③ THE STORAGE LENGTH L SHALL BE
DETERMINED BY A TRAFFIC STUDY. L
SHALL NOT BE LESS THAN 100 FT (THIS
WILL ACCOMMODATE ONE TRUCK AND
ONE PASSENGER VEHICLE).
- ④ WHERE GRADES EXCEED 3%,
CONSIDERATION SHOULD BE GIVEN TO
ADJUSTING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



STATE OF OREGON
DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING UNIT
LEFT TURN CHANNELIZATION
HIGHWAY DESIGN MANUAL



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



CEE

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[illegible]