

4	10-13-23	UPDATED PROJECT INFORMATION	TKZ	JOA
3	09-20-23	UPDATED PROJECT INFORMATION	TKZ	JOA
2	09-07-23	UPDATED PROJECT INFORMATION	TKZ	JOA
1	08-22-23	UPDATED FOR PERMITTING	TKZ	JOA
0	02-15-23	ISSUE FOR PERMITTING	TKZ	JOA

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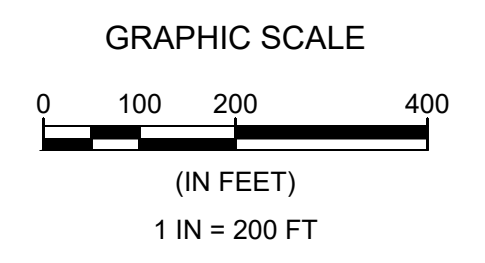
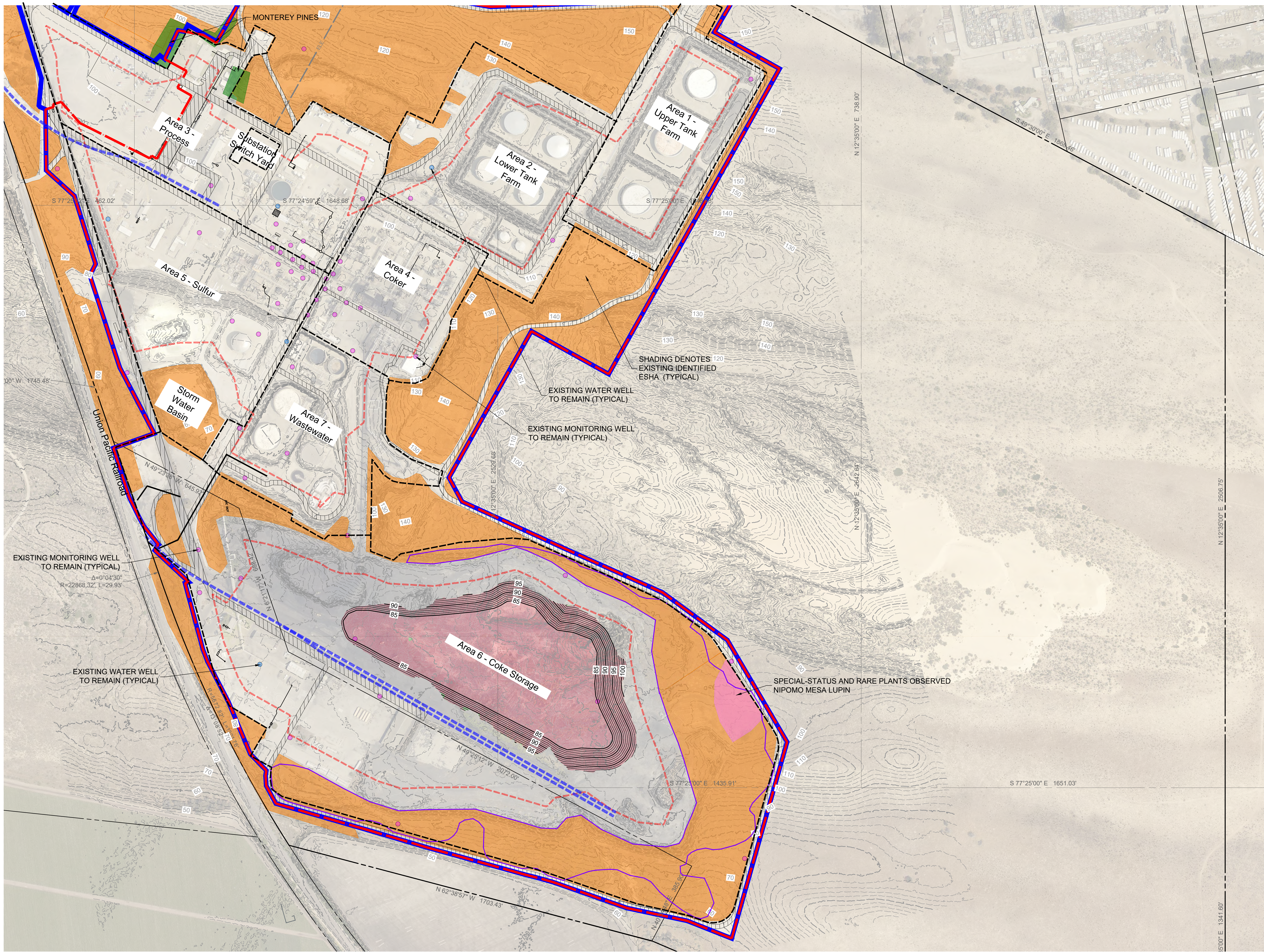
ISSUED FOR CONSTRUCTION		CUSTOMER APPROVAL	
BY	DATE	CHECKED	APPROVED
DESIGNED	DRAWN	CHECKED	APPROVED
RMS	RMS	TKZ	JOA



PHILLIPS 66 – SANTA MARIA REFINERY  
POST REMEDIATION PRELIMINARY GRADING PLAN  
EXISTING INFRASTRUCTURE TO REMAIN



SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-009A	4
DATE	PROPOSED PROJECT	
09/20/23		



**LEGEND:**

- RED DENOTES AREA OF EARTHWORK CUT
- GREEN DENOTES AREA OF EARTHWORK FILL
- ORANGE DENOTES EXISTING IDENTIFIED UNMAPPED ESHA
- EXTENT OF OPERATIONAL COKE STOCKPILE IN ESHA

**GENERAL NOTE:**

IN THE PROPOSED CASE, THERE ARE NO CUT SLOPES OTHER THAN AT THE COKE STORAGE AREA. REMEDIATION EXCAVATION AND ASSOCIATED EARTHWORK BACKFILL LOCATIONS COULD OCCUR AT ANY LOCATION. SUCH POTENTIAL LOCATIONS WILL BE DETERMINED DURING SITE CHARACTERIZATION

REV	DATE	DESCRIPTION	CHECKED	APPROVED
5	10-13-23	UPDATED PROJECT INFORMATION	TKZ	JOA
4	09-20-23	UPDATED PROJECT INFORMATION	TKZ	JOA
3	09-07-23	UPDATED PROJECT INFORMATION	TKZ	JOA
2	08-22-23	UPDATED FOR PERMITTING	TKZ	JOA
1	05-15-23	ADDITION OF LEGEND	TKZ	JOA
0	02-15-23	ISSUE FOR PERMITTING	TKZ	JOA

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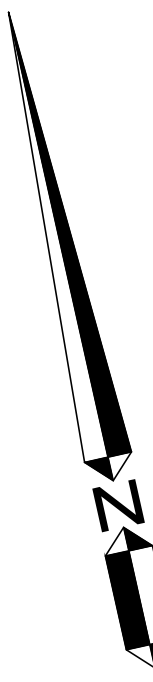
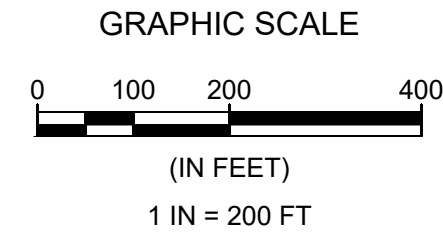
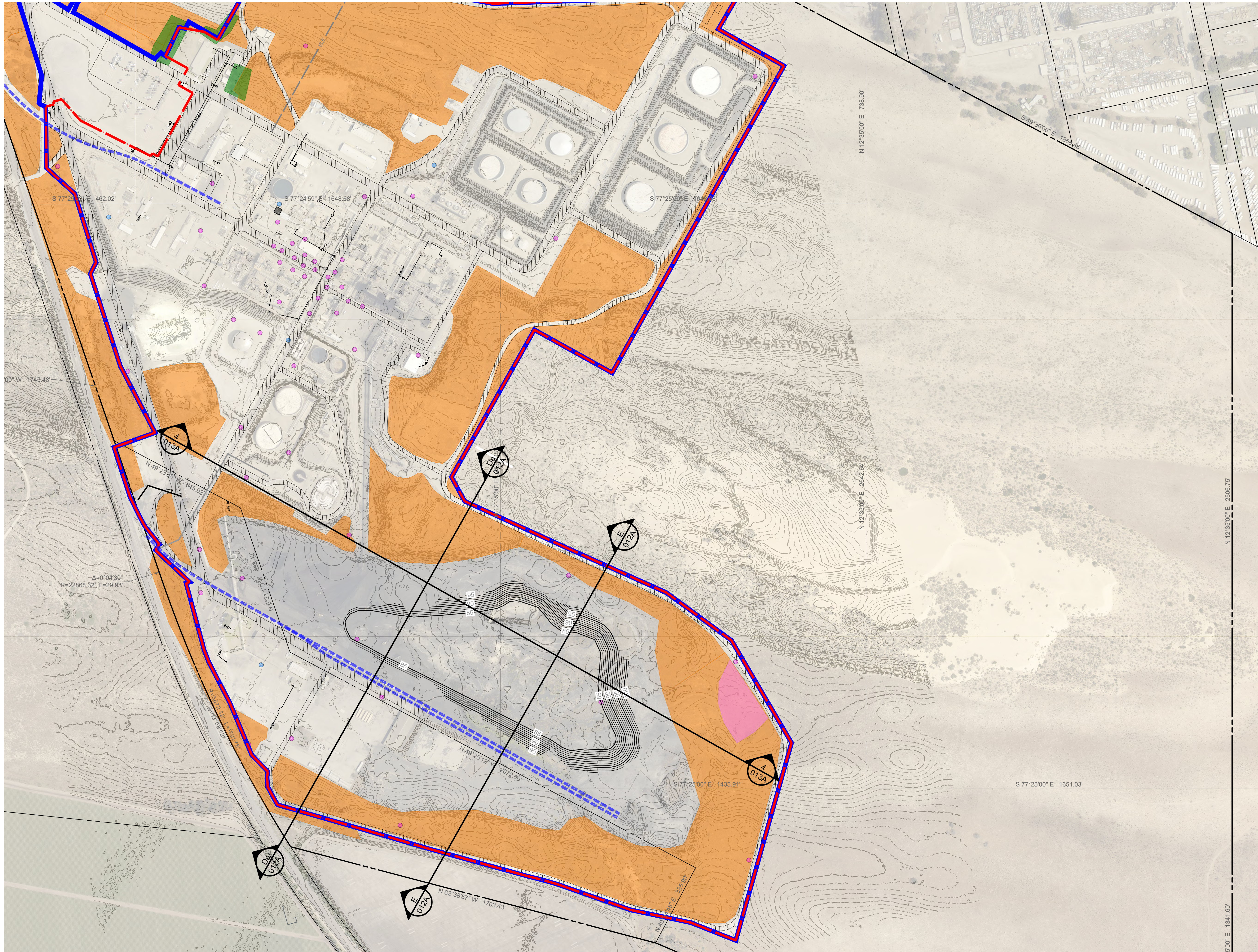
ISSUED FOR CONSTRUCTION		CUSTOMER APPROVAL	
BY	DATE	CHECKED	APPROVED
RMS		TKZ	JOA



PHILLIPS 66 – SANTA MARIA REFINERY  
 POST REMEDIATION PRELIMINARY GRADING PLAN  
 PRELIM. GRADING AND EARTHWORK PLAN – PROP. GRADING



SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-010A	5
DATE	PROPOSED PROJECT	
09/20/23		



REV	DATE	DESCRIPTION	CHECKED	APPROVED
4	10-13-23	UPDATED PROJECT INFORMATION	TKZ	JOA
3	09-20-23	UPDATED PROJECT INFORMATION	TKZ	JOA
2	09-07-23	UPDATED PROJECT INFORMATION	TKZ	JOA
1	08-22-23	UPDATED FOR PERMITTING	TKZ	JOA
0	02-15-23	ISSUE FOR PERMITTING	TKZ	JOA

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ISSUED FOR CONSTRUCTION: \_\_\_\_\_ CUSTOMER APPROVAL: \_\_\_\_\_  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DESIGNED: RMS DRAWN: RMS CHECKED: TKZ APPROVED: JOA

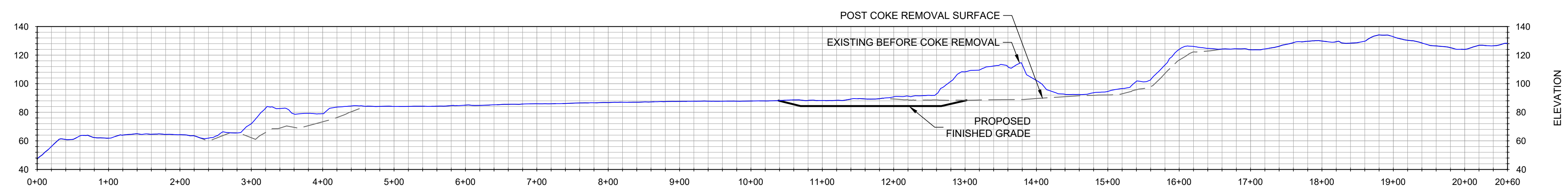
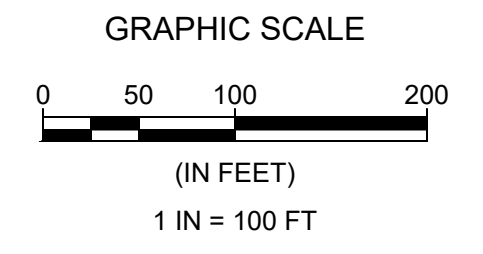


PHILLIPS 66 – SANTA MARIA REFINERY  
 POST REMEDIATION PRELIMINARY GRADING PLAN  
 CROSS SECTION INDEX – PROP. GRADING

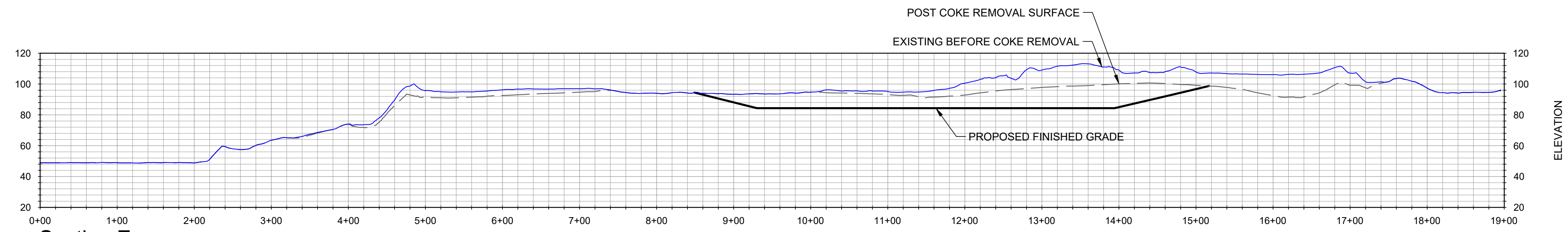
REGISTERED PROFESSIONAL ENGINEER  
 THOMAS K. ZERNER  
 No. 72702  
 FOR PLAN REVIEW ONLY  
 NOT FOR CONSTRUCTION  
 CIVIL  
 STATE OF CALIFORNIA

WALLACE GROUP  
 CIVIL AND TRANSPORTATION ENGINEERING  
 CONSTRUCTION MANAGEMENT  
 GEOTECHNICAL ENGINEERING  
 SURVEYING  
 PLANNING  
 PUBLIC WORKS ADMINISTRATION  
 PORT AND MARINE ENGINEERING  
 WATER RESOURCES  
 812 CLARION COUNTY  
 SAN LUIS OBISPO, CA 94901  
 P 805 544-6311 F 805 544-4264  
 www.wallacegroup.com

SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-011A	4
DATE	PROPOSED PROJECT	
09/20/23		



Section Da



Section E  
Cross Sections

Scale: Horiz. 1"= 100'; Vert. 1"= 50'

REV	DATE	DESCRIPTION	CHECKED	APPROVED
3	10-13-23	UPDATED PROJECT INFORMATION	TKZ	JOA
2	09-20-23	UPDATED PROJECT INFORMATION	TKZ	JOA
1	08-22-23	UPDATED FOR PERMITTING	TKZ	JOA
0	02-15-23	ISSUE FOR PERMITTING	TKZ	JOA

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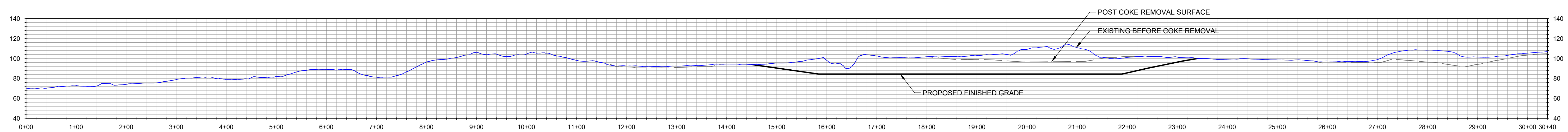
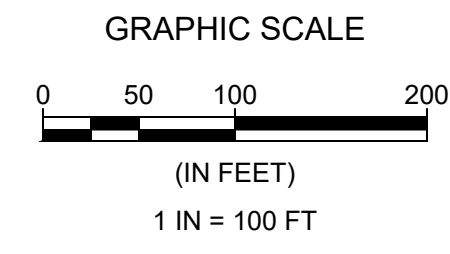
ISSUED FOR CONSTRUCTION		CUSTOMER APPROVAL	
BY	DATE	CHECKED	APPROVED
DESIGNED	DRAWN	CHECKED	APPROVED
RMS	RMS	TKZ	JOA



PHILLIPS 66 – SANTA MARIA REFINERY  
POST REMEDIATION PRELIMINARY GRADING PLAN  
CROSS SECTIONS – PROP. GRADING



SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-012A	3
DATE	PROPOSED PROJECT	
09/20/23		



Section 4  
Cross Sections

Scale: Horz. 1"= 100'; Vert. 1"= 50'

3	10-13-23	UPDATED PROJECT INFORMATION	TKZ	JOA
2	09-20-23	UPDATED PROJECT INFORMATION	TKZ	JOA
1	08-22-23	UPDATED FOR PERMITTING	TKZ	JOA
0	02-15-23	ISSUE FOR PERMITTING	TKZ	JOA

REV	DATE	DESCRIPTION	CHECKED	APPROVED
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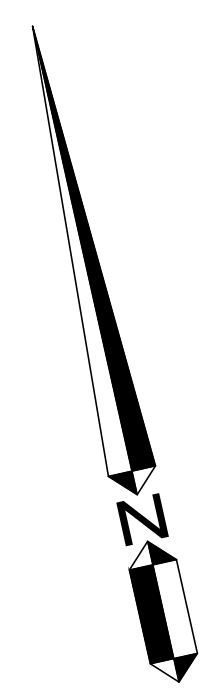
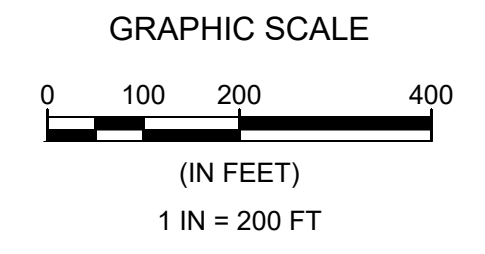
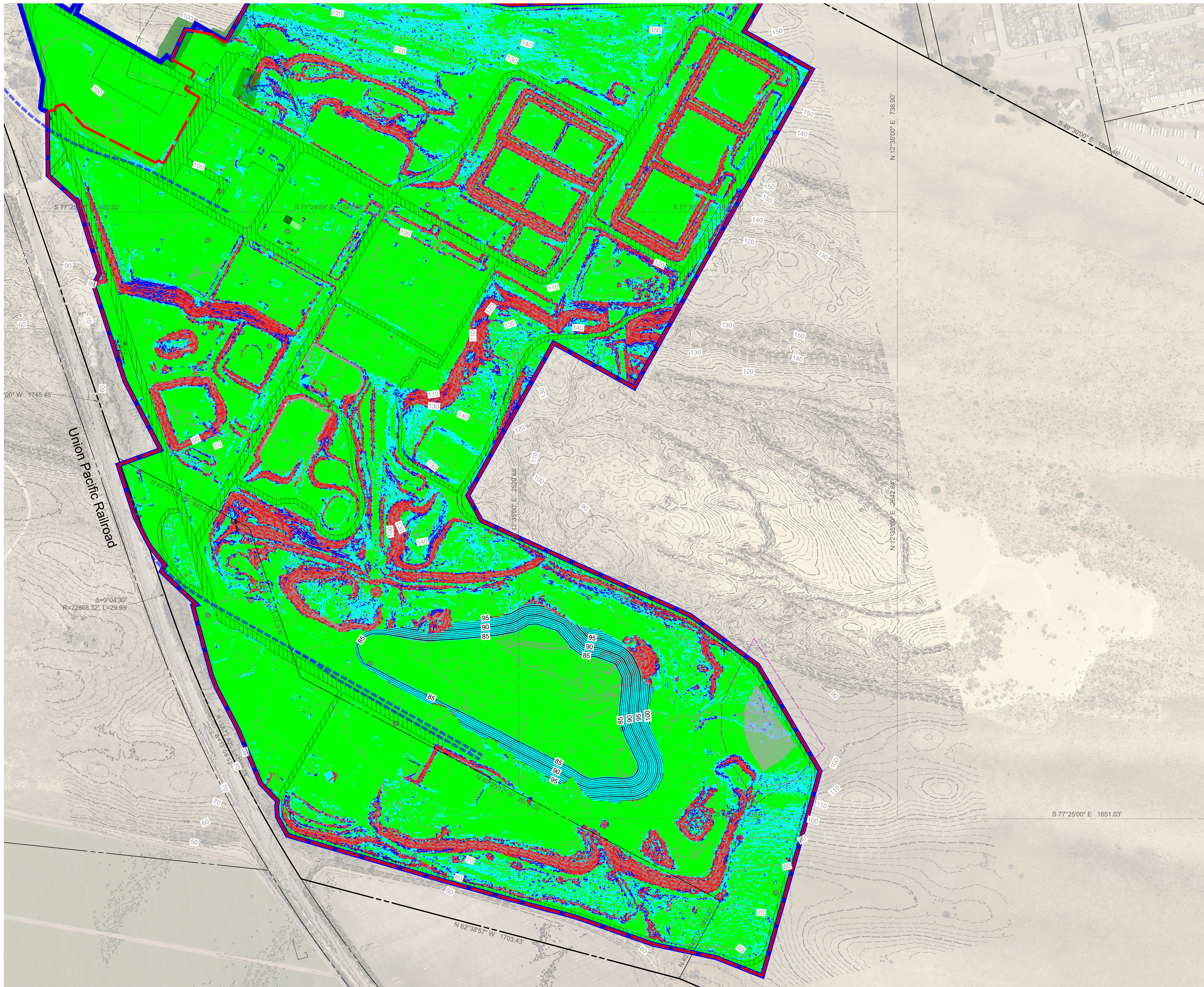
ISSUED FOR CONSTRUCTION		CUSTOMER APPROVAL	
BY	DATE	CHECKED	APPROVED
DESIGNED	DRAWN	CHECKED	APPROVED
RMS	RMS	TKZ	JOA



PHILLIPS 66 – SANTA MARIA REFINERY  
POST REMEDIATION PRELIMINARY GRADING PLAN  
CROSS SECTIONS – PROP. GRADING



SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-013A	3
DATE	PROPOSED PROJECT	
09/20/23		



Slopes Table				
Number	Minimum Slope	Maximum Slope	Area	Color
1	0.00%	10.00%	142.93	Green
2	10.00%	20.00%	36.34	Cyan
3	20.00%	30.00%	10.80	Blue
4	30.00%	100.00%	24.99	Red

REV	DATE	DESCRIPTION	CHECKED	APPROVED
4	10-13-23	UPDATED PROJECT INFORMATION	TKZ	JOA
3	09-20-23	UPDATED PROJECT INFORMATION	TKZ	JOA
2	09-07-23	UPDATED PROJECT INFORMATION	TKZ	JOA
1	08-15-23	UPDATED FOR PERMITTING	TKZ	JOA
0	02-15-23	ISSUE FOR PERMITTING	TKZ	JOA

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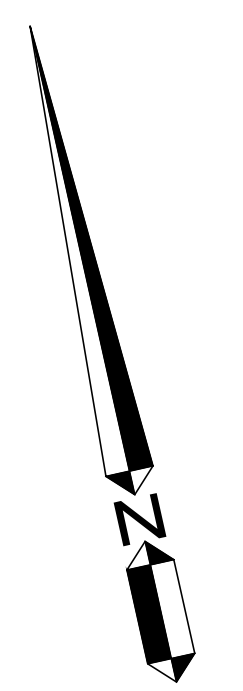
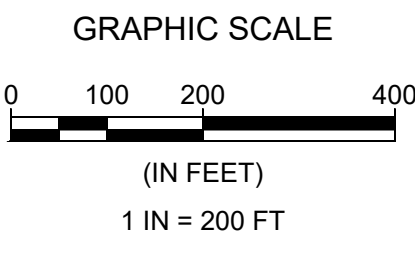
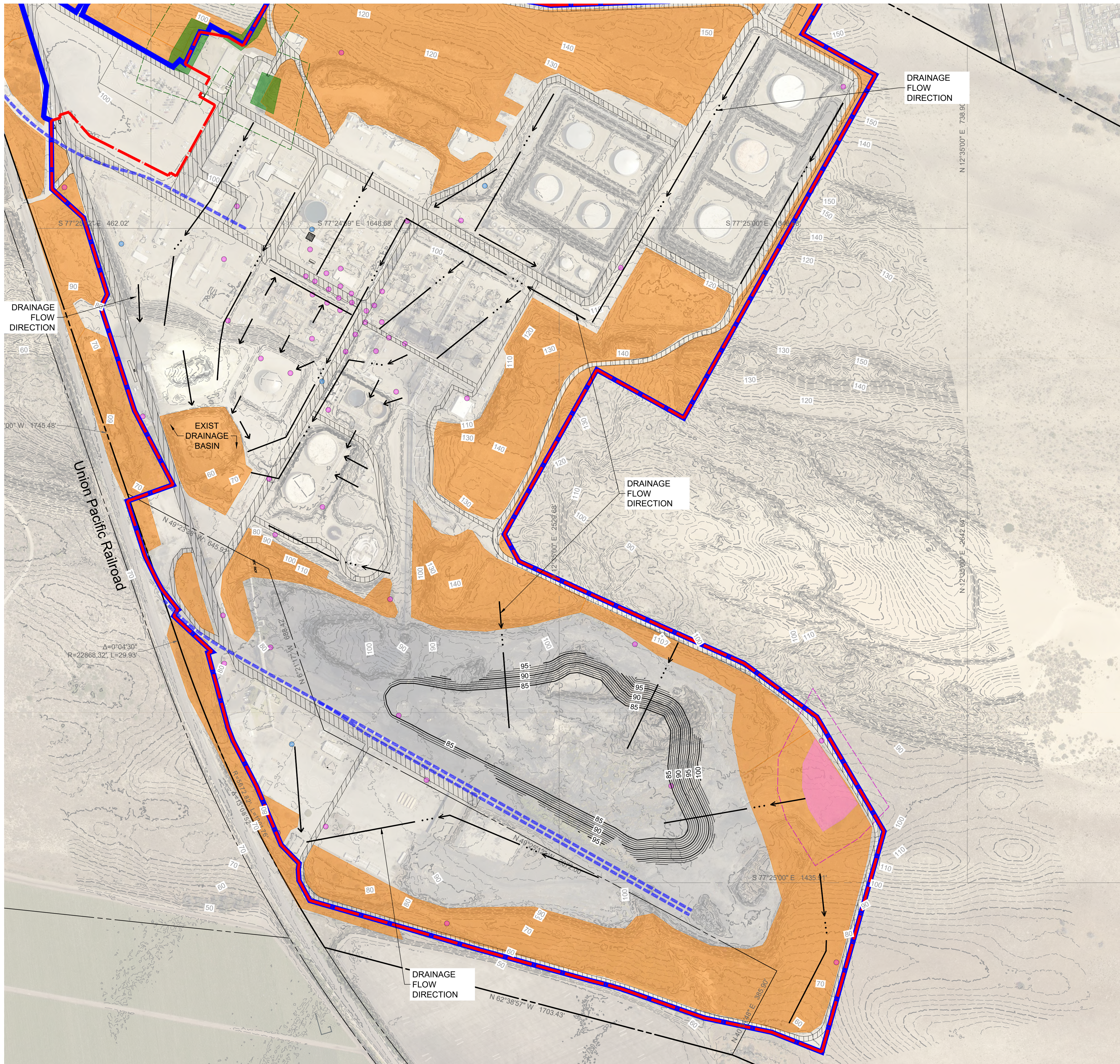
ISSUED FOR CONSTRUCTION		CUSTOMER APPROVAL	
BY	DATE	CHECKED	APPROVED
DESIGNED RMS	DRAWN RMS	CHECKED TKZ	APPROVED JOA



PHILLIPS 66 – SANTA MARIA REFINERY  
POST REMEDIATION PRELIMINARY GRADING PLAN  
PROPOSED SLOPE MAP – PROP. GRADING



SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-014A	4
DATE 09/20/23	PROPOSED PROJECT	



4	10-13-23	UPDATED PROJECT INFORMATION	TKZ	JOA
3	09-20-23	UPDATED PROJECT INFORMATION	TKZ	JOA
2	09-07-23	UPDATED PROJECT INFORMATION	TKZ	JOA
1	08-22-23	UPDATED FOR PERMITTING	TKZ	JOA
0	02-15-23	ISSUE FOR PERMITTING	TKZ	JOA

REV	DATE	DESCRIPTION	CHECKED	APPROVED
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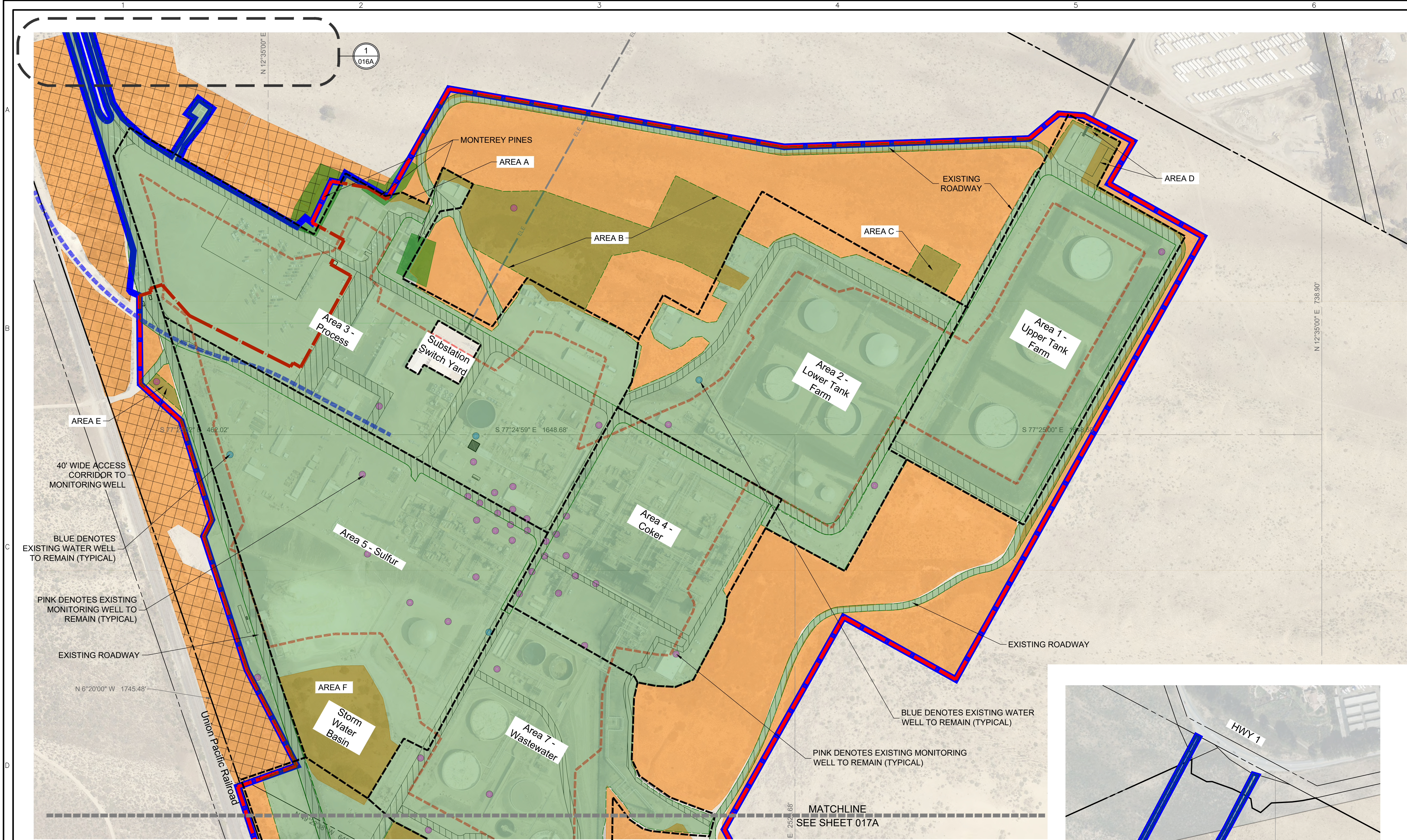
ISSUED FOR CONSTRUCTION		CUSTOMER APPROVAL	
BY	DATE	CHECKED	APPROVED
DESIGNED	RMS	DRAWN	RMS
			TKZ
			JOA



PHILLIPS 66 – SANTA MARIA REFINERY  
 POST REMEDIATION PRELIMINARY GRADING PLAN  
 DRAINAGE PLAN – PROP. GRADING



SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-015A	4
DATE	PROPOSED PROJECT	
09/20/23		



**LEGEND:**

- PROJECT BOUNDARY (Blue line)
- EXISTING FENCELINE (Red dashed line)
- AREA LIMITS (Black dashed line)
- 100' OFFSET FROM ESHA (Red dashed line)
- ESHA OUTSIDE PROJECT BOUNDARY (SHOWN FOR INFORMATION ONLY) (Orange hatched area)
- UNDISTURBED ESHA (ORANGE) (Orange solid area)
- DISTURBED ESHA (ORANGE/ GREEN OVERLAP) (Green hatched area)
- EXISTING DISTURBED (GREEN) (Green solid area)
- EXTENT OF OPERATIONAL COKE STOCKPILE IN ESHA, WITHIN FENCELINE (Purple outline)

- GENERAL NOTES:**
- AS INDICATED ON PLANS, SOME ROADWAYS INCLUDE A 10' SHOULDER THAT WILL BE DISTURBED ESHA AREA.
  - TOTAL POTENTIAL AREA OF DISTURBANCE = **177.26** ACRES
  - AREAS OF POTENTIAL GROUND DISTURBANCE ARE PRELIMINARY FOR PLANNING PURPOSES. ACTUAL DISTURBANCE LOCATIONS WILL BE DETERMINED DURING SITE CHARACTERIZATION.

**DISTURBED ESHA BREAKDOWN:**

LOCATION	ACRES
	0.11
	4.63
	0.33
	0.27
	0.10
	2.40
	0.34
	0.03
	0.06
	16.87
	0.47
	0.05
	0.85
<b>TOTAL AREA</b>	<b>26.51</b>

1. "AREA MISC" INCLUDES ADJACENT TO ROADWAYS AT VARIOUS LOCATIONS.

REV	DATE	DESCRIPTION	CHECKED	APPROVED
4	10-13-23	UPDATED PROJECT INFORMATION	TKZ	JOA
3	09-20-23	UPDATED PROJECT INFORMATION	TKZ	JOA
2	09-07-23	UPDATED PROJECT INFORMATION	TKZ	JOA
1	08-22-23	UPDATED FOR PERMITTING	TKZ	JOA
0	02-15-23	ISSUE FOR PERMITTING	TKZ	JOA

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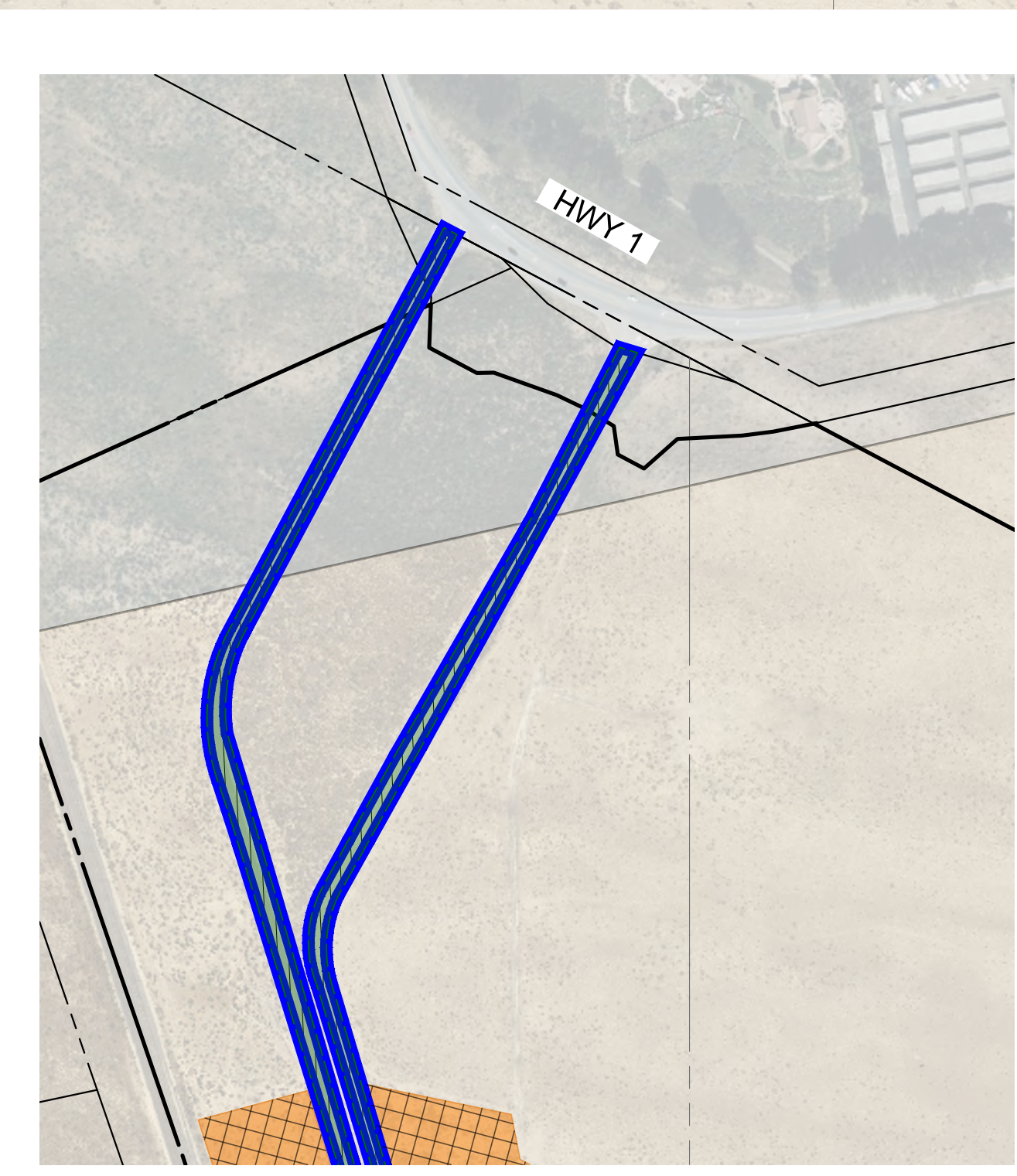
ISSUED FOR CONSTRUCTION	CUSTOMER APPROVAL
BY: _____ DATE: _____	CHECKED: _____ APPROVED: _____
DESIGNED: RMS	DRAWN: RMS
CHECKED: TKZ	APPROVED: JOA

**PHILLIPS 66** PHILLIPS 66 CO.  
SANTA MARIA FACILITY

PHILLIPS 66 – SANTA MARIA REFINERY  
POST REMEDIATION PRELIMINARY GRADING PLAN  
AREA OF SITE DISTURBANCE PLAN(NORTH)

REGISTERED PROFESSIONAL ENGINEER  
THOMAS K. ZERNER  
No. 72702  
FOR PLAN REVIEW ONLY  
NOT FOR CONSTRUCTION  
CIVIL  
STATE OF CALIFORNIA

WALLACE GROUP  
1512 CLARION COUNTY  
SANTA LUIS OBISPO, CA 95061  
805 544-6511 F 805 544-4254  
www.wallacegroup.com



1 PROJECT ENTRANCE AT HIGHWAY 1  
FOR REFERENCE ONLY SCALE: NTS