

LEGEND:

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

PINK DENOTES EXISTING MONITORING WELL TO REMAIN (TYPICAL)

BLUE DENOTES EXISTING WATER WELL TO REMAIN (TYPICAL)

SHADING DENOTES EXISTING IDENTIFIED ESHA (TYPICAL)

BLUE DENOTES EXISTING WATER WELL TO REMAIN (TYPICAL)

PINK DENOTES EXISTING MONITORING WELL TO REMAIN (TYPICAL)

SPECIAL-STATUS AND RARE PLANTS OBSERVED NIPOMO MESA LUPIN

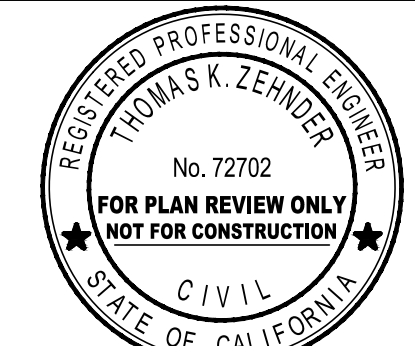
REV	DATE	DESCRIPTION	CHECKED	APPROVED
5	10-13-23	UPDATED PROJECT INFORMATION	TKZ	JOA
4	09-20-23	UPDATED PROJECT INFORMATION	TKZ	JOA
3	09-07-23	UPDATED PROJECT INFORMATION	TKZ	JOA
2	08-22-23	UPDATED FOR PERMITTING	TKZ	JOA
1	05-15-23	ADDITION OF LEGEND	TKZ	JOA
0	02-15-23	ISSUE FOR PERMITTING	TKZ	JOA

NOTICE: THIS DRAWING HAS NOT BEEN PUBLISHED. IT IS THE SOLE PROPERTY OF PHILLIPS 66 CO. IT IS LOANED TO THE RECIPIENT FOR CONFIDENTIAL USE ONLY AND UPON THE CONDITIONS AND AGREEMENTS FOLLOWING: IN CONSIDERATION OF THE LOAN OF THIS DRAWING, THE RECIPIENT PROMISES AND AGREES TO RETURN IT UPON REQUEST, AND THAT IT SHALL NOT BE REPRODUCED, COPIED, LOAN OR OTHERWISE DISPOSED OF, DIRECTLY OR INDIRECTLY, WITHOUT PHILLIPS 66 CO'S WRITTEN CONSENT, NOR BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PHILLIPS 66 CO.

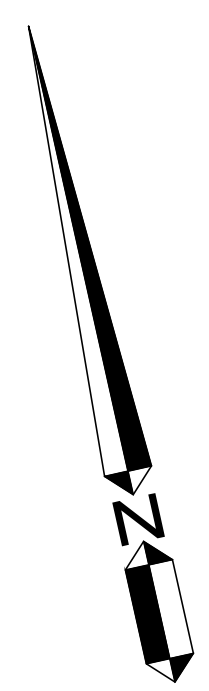
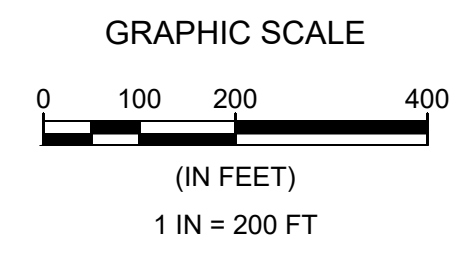
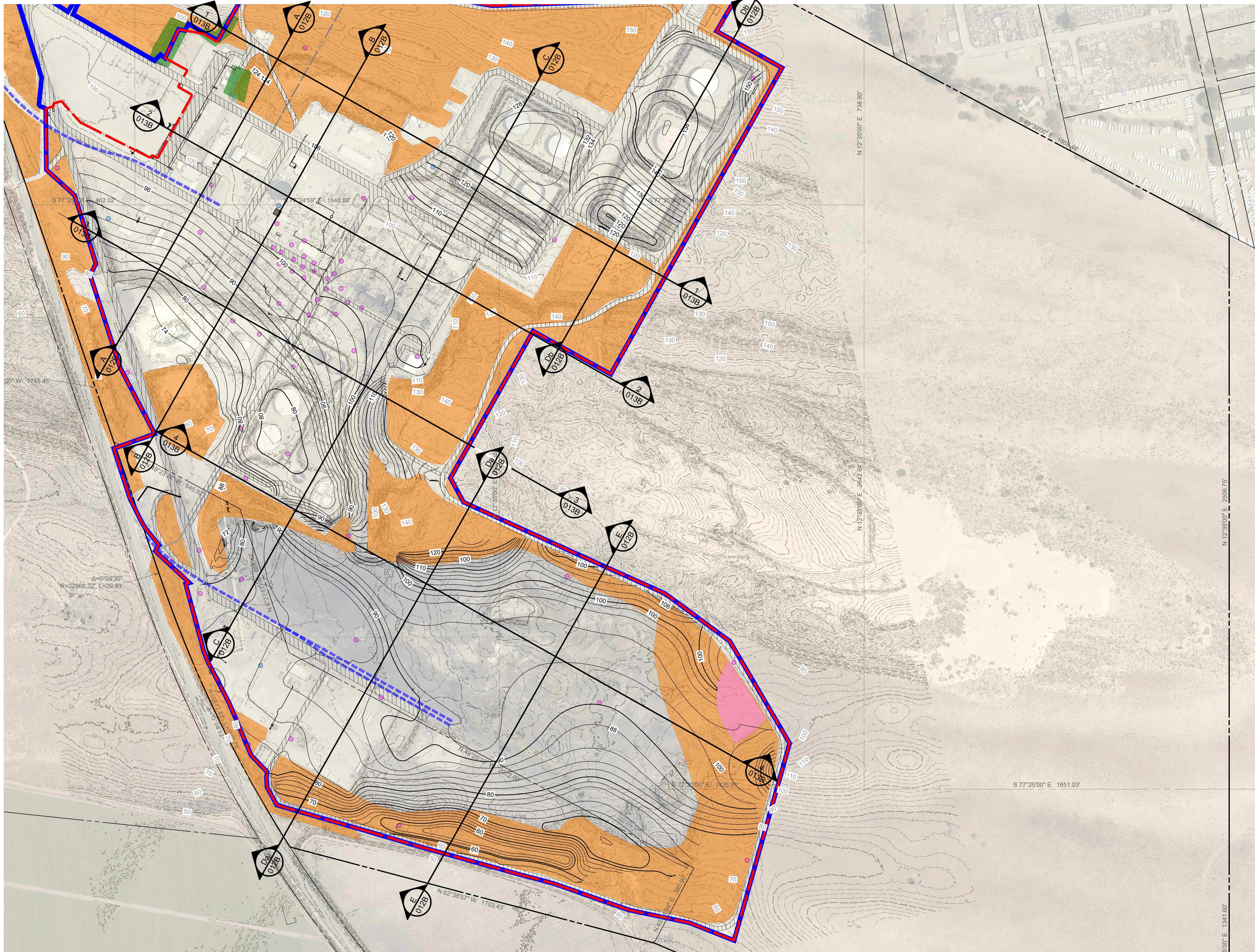
ISSUED FOR CONSTRUCTION		CUSTOMER APPROVAL					
BY	DATE	CHECKED	APPROVED				
DESIGNED	RMS	DRAWN	RMS	CHECKED	TKZ	APPROVED	JOA



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



SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-010B	5
DATE	CONSERVATIVE ALTERNATIVE	
09/20/23		



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

NOTICE: THIS DRAWING HAS NOT BEEN PUBLISHED. IT IS THE SOLE PROPERTY OF PHILLIPS 66 CO. IT IS LOANED TO THE RECIPIENT FOR CONFIDENTIAL USE ONLY AND UPON THE CONDITIONS AND AGREEMENTS FOLLOWING: IN CONSIDERATION OF THE LOAN OF THIS DRAWING, THE RECIPIENT PROMISES AND AGREES TO RETURN IT UPON REQUEST, AND THAT IT SHALL NOT BE REPRODUCED, COPIED, LOAN OR OTHERWISE DISPOSED OF, DIRECTLY OR INDIRECTLY, WITHOUT PHILLIPS 66 CO'S WRITTEN CONSENT, NOR BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PHILLIPS 66 CO.

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

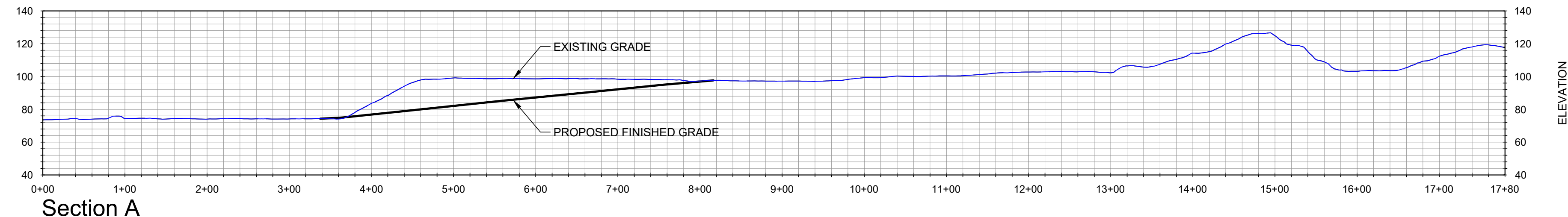


PHILLIPS 66 – SANTA MARIA REFINERY
POST REMEDIATION PRELIMINARY GRADING PLAN
CROSS SECTION INDEX – CONS. GRADING

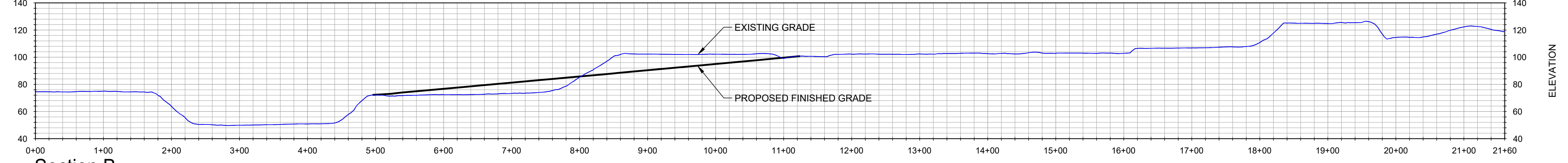
REGISTERED PROFESSIONAL ENGINEER
THOMAS K. ZERNER
No. 72702
FOR PLAN REVIEW ONLY
NOT FOR CONSTRUCTION
CIVIL
STATE OF CALIFORNIA

WALLACE GROUP
CIVIL AND TRANSPORTATION ENGINEERING
CONSTRUCTION MANAGEMENT
INDUSTRIAL ARCHITECTURE
MECHANICAL ENGINEERING
LANDSCAPE ARCHITECTURE
PLANNING AND ADMINISTRATION
WATER RESOURCES
812 CLARION COUNTY
SANTA LEE CREEKS, CA 95401
P 952-544-6111 F 952-544-4261
www.wallacegroup.com

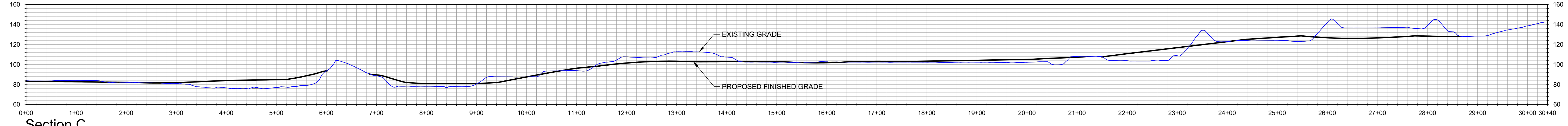
SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-011B	5
DATE	CONSERVATIVE ALTERNATIVE	
09/20/23		



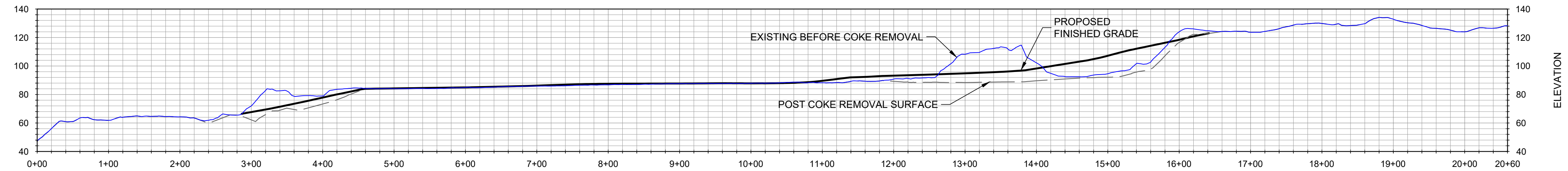
Section A



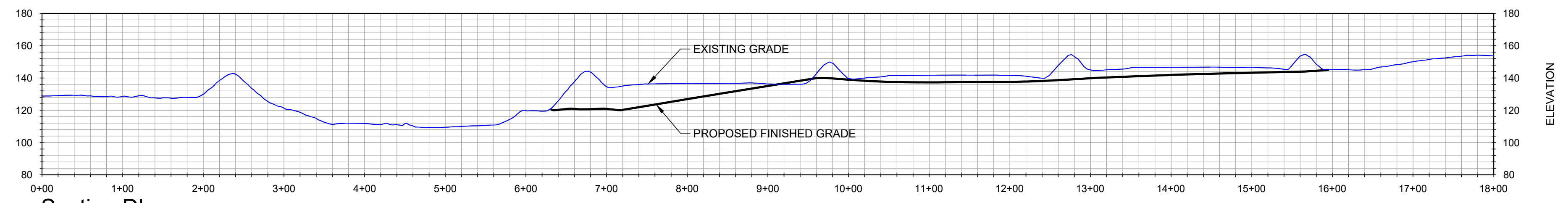
Section B



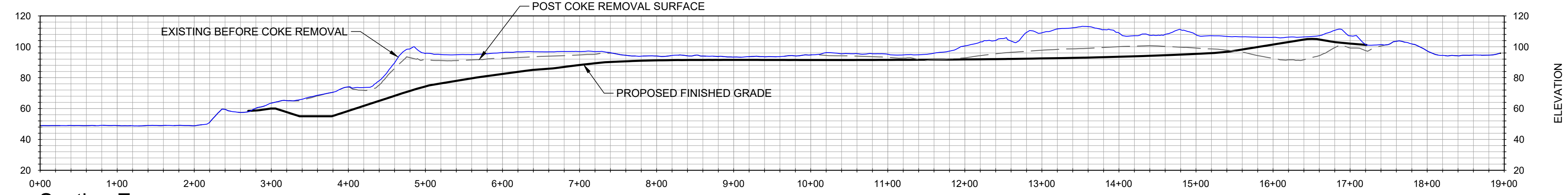
Section C



Section Da

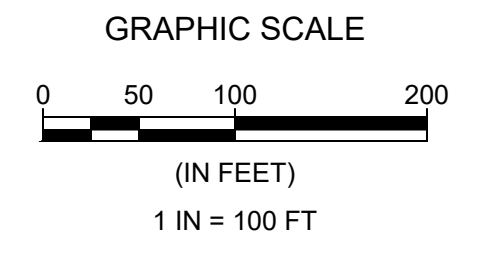


Section Db



Section E

Cross Sections



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

3	09-20-23	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
REV	DATE	DESCRIPTION	CHECKED	APPROVED

NOTICE: THIS DRAWING HAS NOT BEEN PUBLISHED. IT IS THE SOLE PROPERTY OF PHILLIPS 66 CO. IT IS LOANED TO THE RECIPIENT FOR CONFIDENTIAL USE ONLY AND UPON THE CONDITIONS AND AGREEMENTS FOLLOWING IN CONSIDERATION OF THE LOAN OF THIS DRAWING. THE RECIPIENT PROMISES AND AGREES TO RETURN IT UPON REQUEST, AND THAT IT SHALL NOT BE REPRODUCED, COPIED, LOANED OR OTHERWISE DISPOSED OF, DIRECTLY OR INDIRECTLY, WITHOUT PHILLIPS 66 CO'S WRITTEN CONSENT. NOR BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PHILLIPS 66 CO.

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

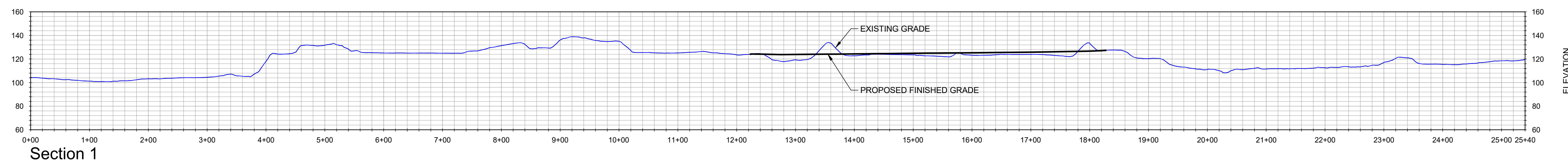


PHILLIPS 66 – SANTA MARIA REFINERY
POST REMEDIATION PRELIMINARY GRADING PLAN
CROSS SECTIONS – CONS. GRADING

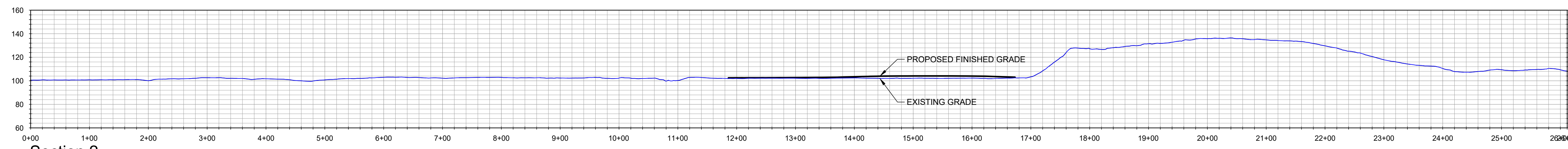
REGISTERED PROFESSIONAL ENGINEER
THOMAS K. ZERNER
No. 72702
FOR PLAN REVIEW ONLY
NOT FOR CONSTRUCTION
CIVIL
STATE OF CALIFORNIA

WALLACE GROUP
QUALITY TRANSPORTATION ENGINEERING
CONSTRUCTION MANAGEMENT
INDUSTRIAL ARCHITECTURE
MECHANICAL ENGINEERING
LANDSCAPE
PLANNING
PUBLIC WORKS ADMINISTRATION
SPECIAL INVESTIGATIONS
WATER RESOURCES
812 CLARION COURT
SANTA LEE CREEKS, CA 94081
P 855 544-6311 F 855 544-4294
www.wallacegroup.com

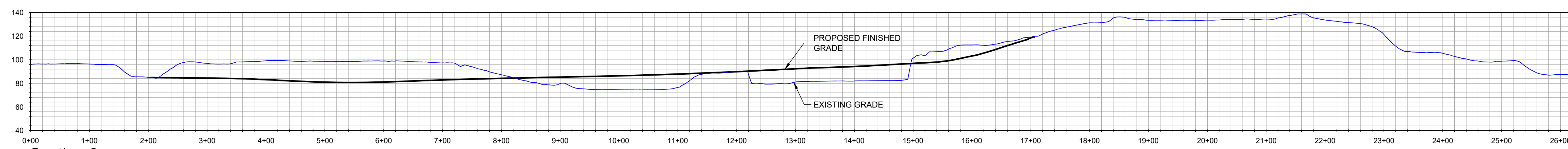
SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-012B	3
DATE	CONSERVATIVE ALTERNATIVE	
09/20/23		



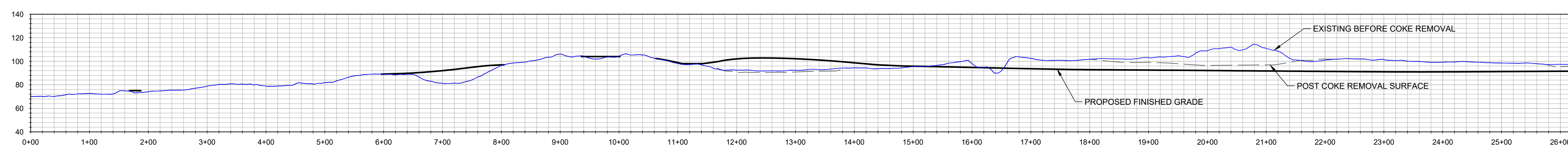
Section 1



Section 2

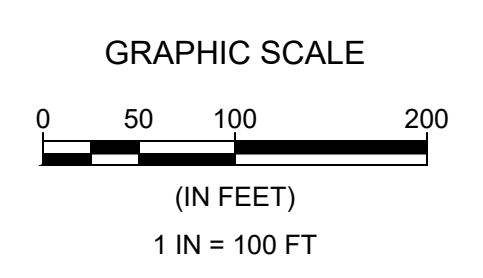


Section 3



Section 4

Cross Sections



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

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

REV	DATE	DESCRIPTION	CHECKED	APPROVED
-----	------	-------------	---------	----------

NOTICE: THIS DRAWING HAS NOT BEEN PUBLISHED. IT IS THE SOLE PROPERTY OF PHILLIPS 66 CO. IT IS LENT TO THE RECIPIENT FOR CONFIDENTIAL USE ONLY AND UPON THE CONDITIONS AND AGREEMENTS FOLLOWING: IN CONSIDERATION OF THE LOAN OF THIS DRAWING, THE RECIPIENT PROMISES AND AGREES TO RETURN IT UPON REQUEST, AND THAT IT SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF, DIRECTLY OR INDIRECTLY, WITHOUT PHILLIPS 66 CO.'S WRITTEN CONSENT, NOR BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PHILLIPS 66 CO.

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

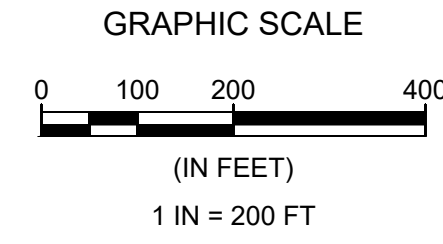
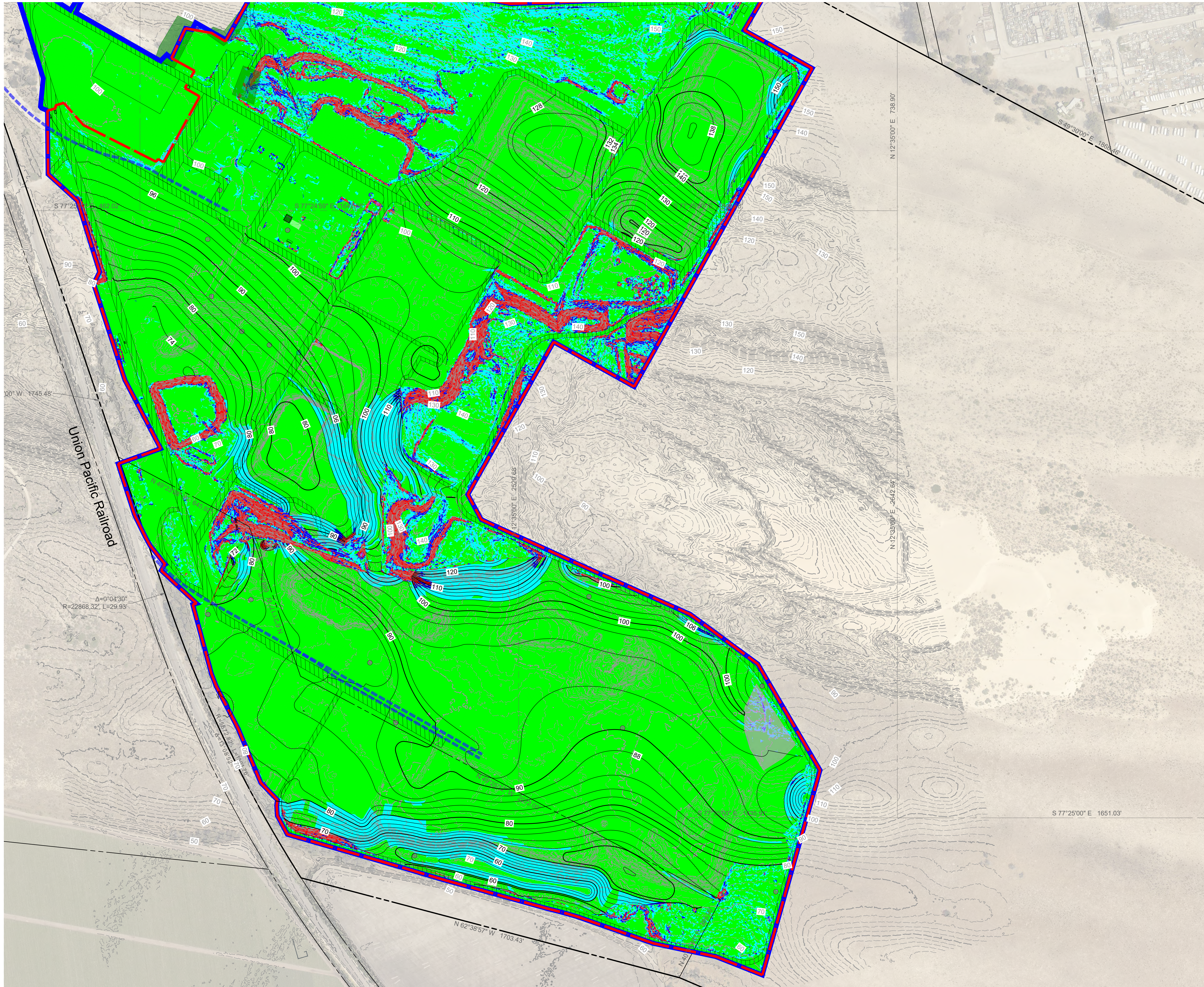


PHILLIPS 66 – SANTA MARIA REFINERY
POST REMEDIATION PRELIMINARY GRADING PLAN
CROSS SECTIONS – CONS. GRADING

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

WALLACE GROUP
QUALITY TRANSPORTATION ENGINEERING
CONSTRUCTION MANAGEMENT
ARCHITECTURAL ARCHITECTURE
MECHANICAL ENGINEERING
LANDSCAPE
PLANNING
PUBLIC WORKS ADMINISTRATION
RAILROADS
WATER RESOURCES
612 CLARION COURT
SAN LUIS OBISPO, CA 95071
P 805 544-6311 F 805 544-4294
www.wallacegroup.com

SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-013B	3
DATE	CONSERVATIVE ALTERNATIVE	
09/20/23		



Slopes Table				
Number	Minimum Slope	Maximum Slope	Area	Color
1	0.00%	10.00%	171.71	Green
2	10.00%	20.00%	29.44	Cyan
3	20.00%	30.00%	5.46	Blue
4	30.00%	100.00%	8.85	Red

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

REV	DATE	DESCRIPTION	CHECKED	APPROVED
-----	------	-------------	---------	----------

NOTICE: THIS DRAWING HAS NOT BEEN PUBLISHED. IT IS THE SOLE PROPERTY OF PHILLIPS 66 CO. IT IS LOANED TO THE RECIPIENT FOR CONFIDENTIAL USE ONLY AND UPON THE CONDITIONS AND AGREEMENTS FOLLOWING: IN CONSIDERATION OF THE LOAN OF THIS DRAWING, THE RECIPIENT PROMISES AND AGREES TO RETURN IT UPON REQUEST, AND THAT IT SHALL NOT BE REPRODUCED, COPIED, LOAN OR OTHERWISE DISPOSED OF, DIRECTLY OR INDIRECTLY, WITHOUT PHILLIPS 66 CO'S WRITTEN CONSENT, NOR BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PHILLIPS 66 CO.

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



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

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

WALLACE GROUP
1112 CLARION COURT
SAN LUIS OBISPO, CA 94901
TEL: 805.544.4511 FAX: 805.544.4251
www.wallacegroup.com

SCALE	DRAWING NUMBER	REVISION
AS SHOWN	EIR-GP-EXT-014B	4
DATE	CONSERVATIVE ALTERNATIVE	
09/20/23		