

EROSION CONTROL NOTES

- 1. SEDIMENT AND EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP) SHALL BE IMPLEMENTED ON ALL PROJECTS AT ALL TIMES AND SHALL INCLUDE: POLLUTANT SOURCE CONTROL, PROTECTION OF STOCKPILES, PROTECTION OF SLOPES, PROTECTION OF ALL DISTURBED AREAS, PROTECTION OF SITE ACCESS POINTS, AND PERIMETER CONTAINMENT MEASURES.
- 2. APPROPRIATE BMP SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF GRADING AND SITE DISTURBANCE ACTIVITIES. THE INTENT OF THE BMP SHALL BE TO PREVENT DISTURBED SEDIMENT FROM ENTERING DRAINAGE CONVEYANCES, GENERATING FUGITIVE DUST, OR MIGRATING ONTO ADJACENT PROPERTIES OR THE PUBLIC RIGHT-OF-WAY.
- 3. SITE INSPECTIONS AND APPROPRIATE MAINTENANCE OF ALL BMP AND EROSION CONTROL MEASURES SHALL BE CONDUCTED AND DOCUMENTED THROUGHOUT CONSTRUCTION AND ESPECIALLY PRIOR TO, DURING, AND AFTER RAIN EVENTS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL BMP AS SPECIFIED BY THE APPROVED EROSION AND SEDIMENT CONTROL PLAN UNTIL SUCH TIME THAT THE PROJECT IS ACCEPTED AS COMPLETE BY THE COUNTY OR UNTIL THE CALIFORNIA CONSTRUCTION GENERAL PERMIT FOR STORMWATER DISCHARGE NOTICE OF TERMINATION IS APPROVED BY THE STATE WATER RESOURCES CONTROL BOARD.
- 5. EROSION CONTROL BMP MAY BE RELOCATED. MODIFIED. OR ADDED DEPENDING ON FIELD CONDITIONS ENCOUNTERED DURING CONSTRUCTION. ADDITIONAL BMP SHALL BE INSTALLED AT THE DISCRETION OF THE SITE SUPERINTENDENT, ENGINEER OF WORK, COUNTY INSPECTOR, QUALIFIED SWPPP PRACTITIONER (QSP), OR STATE WATER RESOURCES CONTROL BOARD. GUIDELINES FOR INSTALLING APPROPRIATE EROSION CONTROL DEVICES SHALL BE INCLUDED IN THE PLANS WITH ADDITIONAL MEASURES/DEVICES NOTED.
- 6. SEDIMENT AND EROSION CONTROL BMP SHALL BE AVAILABLE, INSTALLED, AND/OR APPLIED PRIOR TO COMMENCEMENT OF CONSTRUCTION, INSTALLED APPROPRIATELY AS CONSTRUCTION PROGRESSES, AND MAINTAINED IN OPERABLE CONDITION UNTIL FINAL STABILIZATION OF THE SITE IS ACHIEVED. SEDIMENT AND EROSION CONTROL BMP ARE REQUIRED YEAR-ROUND.
- 7. WET WEATHER PREPARATION: THE CONTRACTOR, DEVELOPER, AND ENGINEER OF WORK SHALL BE RESPONSIBLE TO REVIEW THE CONDITION OF THE PROJECT SITE PRIOR TO OCTOBER 15 (RAINY SEASON) AND TO COORDINATE AN ENHANCED BMP IMPLEMENTATION PLAN FOR WET WEATHER CONDITIONS. A LOCALLY BASED STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (OCTOBER 15 THROUGH APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE AND STOCK PILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID MAINTENANCE OR REPAIR OF THE BMP THROUGHOUT THE RAINY SEASON.
- 8. IN THE EVENT OF A FAILURE, THE DEVELOPER AND/OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR CLEANUP AND ALL ASSOCIATED COSTS OR DAMAGE. IN THE EVENT THAT DAMAGE OCCURS WITHIN THE RIGHTOF-WAY AND THE COUNTY IS REQUIRED TO PERFORM CLEANUP, THE OWNER SHALL BE RESPONSIBLE FOR COUNTY REIMBURSEMENT OF ALL ASSOCIATED COSTS OR DAMAGE.
- 9. IN THE EVENT OF REPEATED FAILURE AND/OR LACK OF PERFORMANCE BY THE DEVELOPER AND/OR CONTRACTOR TO CORRECT SEDIMENT AND EROSION CONTROL RELATED PROBLEMS, THE DEPARTMENT MAY REVOKE ALL ACTIVE PERMITS. THE COUNTY MAY ISSUE A WRITTEN NOTICE OR STOP WORK ORDER IN ACCORDANCE WITH THE LAND USE ORDINANCE. DAILY PENALTIES MAY BE ASSESSED BY COUNTY CODE ENFORCEMENT FOR FAILURE TO COMPLY.
- 10. THE COUNTY AIR POLLUTION CONTROL DISTRICT (APCD) MAY HAVE ADDITIONAL PROJECT SPECIFIC EROSION CONTROL REQUIREMENTS. THE CONTRACTOR, DEVELOPER, AND ENGINEER OF WORK SHALL BE RESPONSIBLE FOR MAINTAINING SELF-REGULATION OF THESE REQUIREMENTS.
- 11. IF CONSTRUCTION GENERAL PERMIT FOR STORMWATER DISCHARGE ENROLLMENT IS NECESSARY, THE DEVELOPER (OR LEGALLY RESPONSIBLE AGENT) SHALL SUBMIT THE REQUIRED PERMIT REGISTRATION DOCUMENTS TO THE STATE WATER RESOURCES CONTROL BOARD AND PROVIDE PROOF OF ENROLLMENT TO THE COUNTY PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE PROJECT WASTE DISCHARGE IDENTIFICATION NUMBER (WDID#)

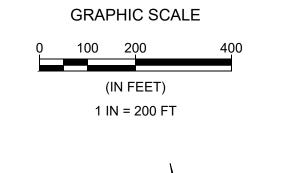
REFERENCE NOTES

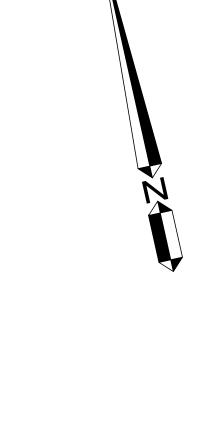
1121132113123				
	SYMBOL	TEMPORARY EROSION CONTROL		
101	FR	FIBER ROLL PER CALTRANS BMP SC-5 AND T56, SHEET C-8.1. INSTALL PER FIBER ROLL INSTALLATION GUIDELINES TABLE SHEET 018A		
102		TEMPORARY DRAINAGE INLET PROTECT TYPE 3B PER CALTRANS BMP SC-10 AND T62, SHEET C-8.1		
103		TEMPORARY CONSTRUCTION ENTRANCE PER CALTRANS T58, SHEET C-8.1		
104		TEMPORARY CONSTRUCTION STAGING AREA (EQUIPMENT, STORAGE, HAZARDOUS MATERIALS, WASTE, AND STOCKPILES) PER DETAIL 1, SHEET C-8.1		
		TEMPORARY FENCE (SILT FENCE) PER CALTRANS BMP T51_SHEET		

FIBER ROLL INSTALLATION GUIDELINES				
SLOPE PERCENTAGE	SHEET FLOW LENGTH NOT TO EXCEED			
0%-25%	20 FEET			
25%-50%	15 FEET			
>50%	10 FEET			

CONSTRUCTION NOTES:

ALL NON-LANDSCAPED FINISHED-GRADE DISTURBED AREAS ARE TO BE HYDRO-SEEDED AS SOON AS POSSIBLE, FOR PERMANENT EROSION CONTROL, AND TO ENSURE ADEQUATE STABILIZATION (VEGETATION) COVER IN ORDER TO QUALIFY FOR RELEASE FROM STATE SWPPP PERMIT VIA A NOTICE OF TERMINATION (NOT) AT THE END OF THE PROJECT.





V DATE DESCRIPTION			
02-15-23 ISSUE FOR PERMITTI	пом	CHECKED	APPROVED
	NG	TKZ	JOA
08-22-23 UPDATED FOR PERM	IITTING	TKZ	JOA
09-07-23 UPDATED PROJECT	INFORMATION	TKZ	JOA
09-20-23 UPDATED PROJECT	INFORMATION	TKZ	JOA
10-13-23 UPDATED PROJECT	INFORMATION	TKZ	JOA

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 PHILLIP 66 CO'S WRITTEN CONSENT, NOR BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PHILLIPS 66 CO.

	RMS		RMS		TKZ		JOA
SIGNED		DRAWN		CHECKED		APPROVED	
		DATE					
				OGG TOMEN			

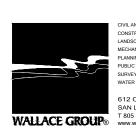


SANTA MARIA FACILITY

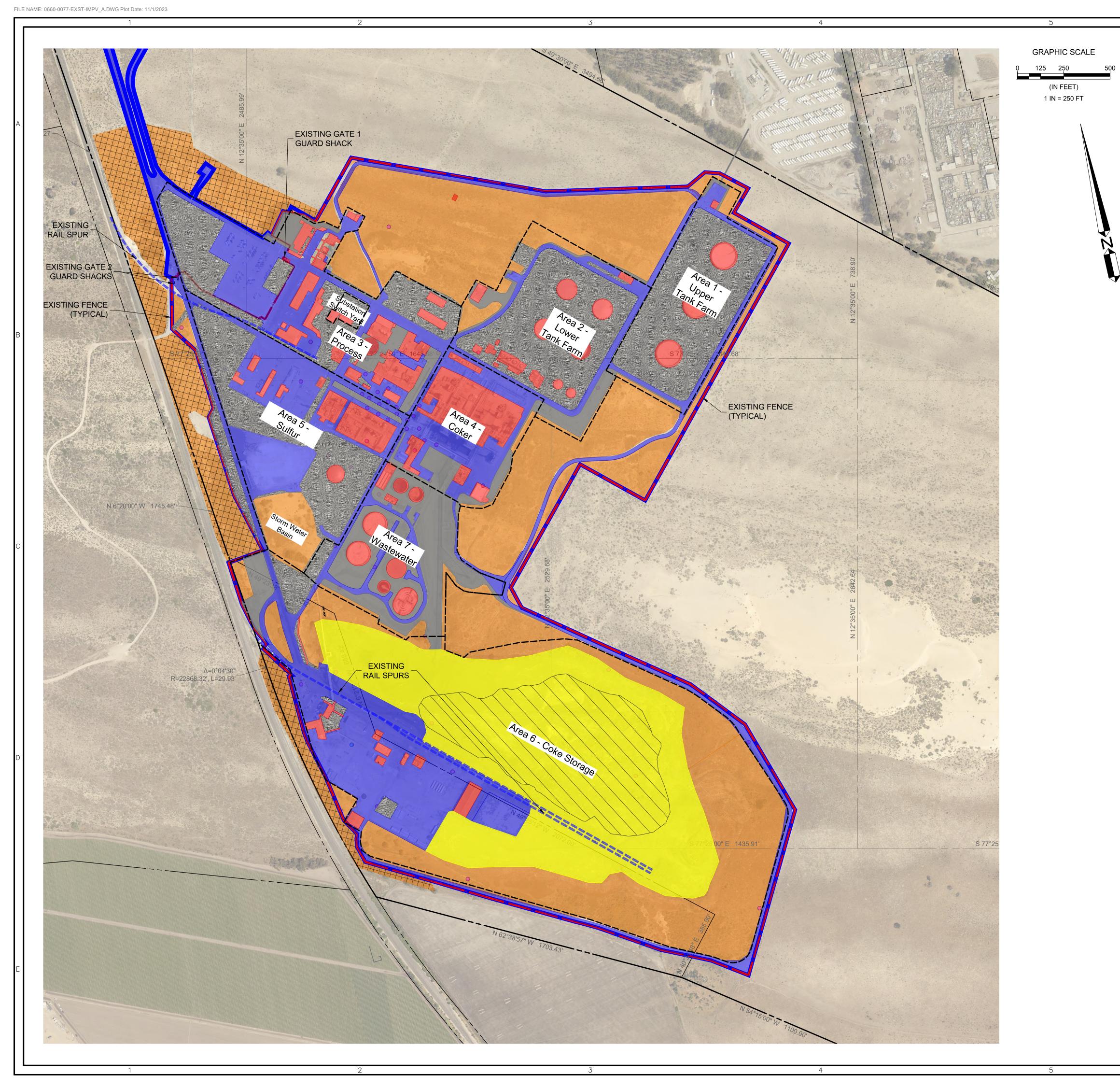
PHILLIPS 66 - SANTA MARIA REFINERY POST REMEDIATION PRELIMINARY GRADING PLAN

PRELIMINARY EROSION CONTROL PLAN - PROP. GRADING





AS SHOWN EIR-GP-EXT-018A
PROPOSED PROJECT





REFINERY AREA BREAKDOWN: POST-REMEDIATION

	AREA LOCATION			
AREA TYPE	INSIDE FENCELINE (AC)	OUTSIDE FENCELINE (AC)		
ASPHALT SURFACED ROADS AND PARKING AREAS	40.73	6.39		
CONCRETE SURFACED OR REMAINING STRUCTURES ON CONCRETE SLAB	15.30	0.00		
BASE/ASPHALT SLURRY SURFACED	46.00	3.13		
VEGETATION (UNMAPPED ESHA)	67.37	N/A		
NATIVE SOIL (NON-ESHA)	23.16	N/A		
NATIVE SOIL BORROW PIT AREA (NON-ESHA)	15.66	N/A		
SUBTOTAL	208.22	9.52		
TOTAL AREA WITHIN PROJECT BOUNDARY	217.74			

NOTES:

- 1. HARDSCAPE OUTSIDE FENCELINE INCLUDES PARKING LOT AND ROADWAY TO HIGHWAY 1.
- 2. AREA 6 ACREAGE BREAKDOWN
- 2.1. HARDSCAPE = 16.80 AC
- 2.2. NON-HARDSCAPE = 62.63 AC
- 3. ESHA AREAS THAT MAY BE DISTURBED DURING REMEDIATION ARE SHOWN AS

RESTORED TO ESHA.

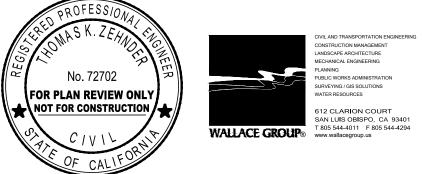
1 10-13-23 UPDATED PROJECT INFORMATI						TKZ	JOA
REV	DATE	DESCRIPTION					APPROVE
THIS COPIE	PIENT FOR CONFIDENTIA DRAWING, THE RECIF ED, LENT OR OTHERV	AL USE ONLY AND UPON THI PIENT PROMISES AND AGREE	E CONDITIONS S TO RETURN LY OR INDIREC	SOLE PROPERTY OF PHILLIPS 66 CO AND AGREEMENTS FOLLOWING: IN CO IT UPON REQUEST, AND THAT IT S TILY WITHOUT PHILLIP 66 CO'S WR IPS 66 CO.	NSIDERA SHALL N	TION OF THE L	LOAN OF
ISSUE	ED FOR CONSTR	UCTION		CUSTOMER APPROVAL			
BY		DATE					
DESIG	SNED	DRAWN		CHECKED	APF	PROVED	

2 10-31-23 UPDATED PROJECT INFORMATION



PHILLIPS 66 - SANTA MARIA REFINERY POST. REMEDIATION PRELIMINARY GRADING PLAN

POST REMEDIATION GROUND SURFACES



EIR-GP-EXT-019A
PROPOSED PROJECT

