

INDEX MAP

VULCAN MATERIALS COMPANY  
CAJON CREEK CONSOLIDATED QUARRY  
CA MINE ID # 91-36-0188  
MINING / RECLAMATION PLAN

PROPOSED USE:	EXISTING, PERMITTED AGGREGATE MINE, AGGREGATE PROCESSING FACILITIES, AND HOT MIX ASPHALT PLANT
MINERAL COMMODITY:	SAND AND GRAVEL
APPLICANT / OPERATOR:	VULCAN MATERIALS COMPANY - WESTERN DIVISION 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91768 (818) 553-4800
PLAN DESIGN:	SESPE CONSULTING, INC. 374 POLI STREET, SUITE 200 VENTURA, CALIFORNIA 93001 (805) 275-1515
LEAD AGENCY:	COUNTY OF SAN BERNARDINO LAND USE SERVICES DEPARTMENT 385 N. ARROWHEAD ROAD SAN BERNARDINO, CALIFORNIA 93001 (909) 387-4002
LAND USE ZONING:	SEE SHEET 2
BASE MAP SOURCES:	SEE TOPOGRAPHY SOURCES (RIGHT)

SURROUNDING LAND USES

DIRECTION	LAND USE DESIGNATION	DESCRIPTION
NORTH	UNDEVELOPED LAND & INDUSTRIAL DEVELOPMENT	UNDEVELOPED LAND / A LARGE INDUSTRIAL WAREHOUSE OCCURS NORTH OF THE PROJECT SITE AND LIGHT INDUSTRIAL DEVELOPMENT TO THE NORTHEAST.
SOUTH	MUSCOY / SINGLE RESIDENTIAL - 1-ACRE MINIMUM (MSRS-1)	THE DEVIL CREEK DIVERSION CHANNEL RUNS DOWN THE SOUTHERN BOUNDARY OF THE SITE, AND THE RESIDENTIAL COMMUNITY OF MUSCOY IS LOCATED DIRECTLY SOUTH OF THIS DIVERSION CHANNEL.
EAST	INDUSTRIAL HEAVY (IH)	INDUSTRIAL DEVELOPMENTS ARE LOCATED EAST OF THE SITE, ACROSS CAJON BOULEVARD.
WEST	UNDEVELOPED LAND	THE LITTLE CREEK/CAJON CREEK DRAINAGE LOCATED TO THE WEST.

SHEET INDEX

- FIGURE 1: SITE OVERVIEW - EXISTING CONDITIONS  
FIGURE 2: PROPERTY INFORMATION  
FIGURE 3: MINING PLAN  
FIGURE 4: RECLAMATION PLAN  
FIGURE 5: SECTION AA'  
FIGURE 6: SECTION BB'  
FIGURE 7: SITE PLAN

DATA SOURCES

PROPERTY BOUNDARIES:

ALTA SURVEY PREPARED APRIL 2006 BY DAWSON SURVEYING, INC.  
ALTA SURVEY PREPARED JUNE 2006 BY GORDON EDWARDS, PLS #6678 FOR THE LOT LINE ADJUSTMENT FOR FOR APN 0262-041-26.  
SURVEY DATA PREPARED SEPTEMBER 2019 BY JOSEPH PADILLA, PLS #7557 FOR THE LOT LINE ADJUSTMENT OF APN 0262-021-17.

TOPOGRAPHY:

TOPOGRAPHY WITHIN AREAS K, L, M, AND N SOURCED FROM DIGITAL MAPPING, INC. (DMM) HERBERT ELLMAN, PLS #4561, FLOWN 05/12/2014.  
TOPOGRAPHY OUTSIDE AREAS K, L, M, AND N SOURCED FROM DIGITAL MAPPING, INC. FLOWN 8/30/2005.

DATUM: HORIZ= NAD83, CALIFORNIA ZONE 5, US FOOT  
VERT= NAVD88

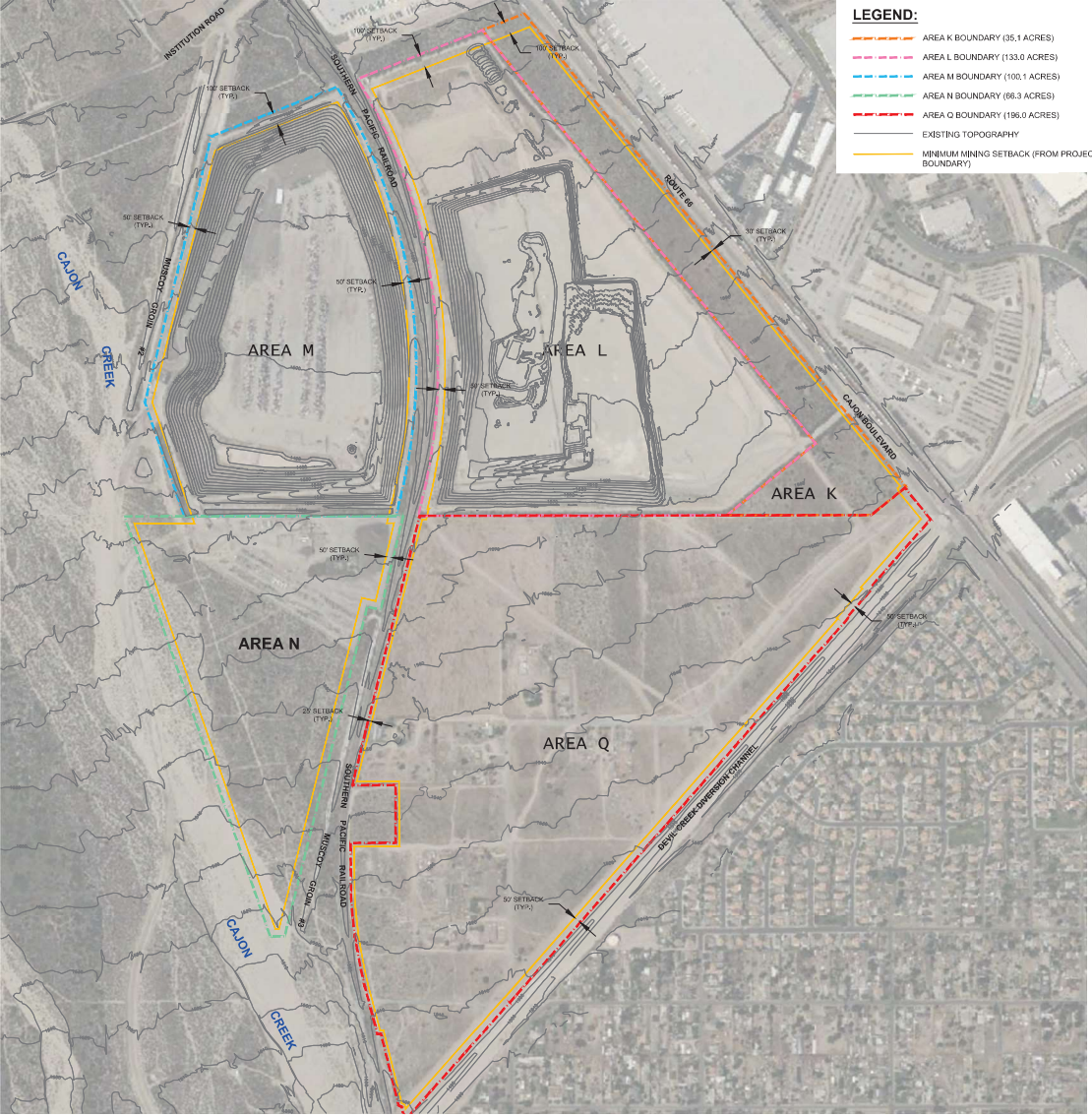
CONTOUR INTERVAL: 10 FEET

AERIAL:

BING IMAGERY, 2022

PROJECT SITE INFORMATION

EASEMENT:	PUBLIC UTILITIES EASEMENTS TO BE VACATED PRIOR TO MINING WITHIN THESE AREAS
MINERAL BEING EXTRACTED:	SAND AND GRAVEL
ADJACENT AREA:	SEE SHEET 3
PROJECT AREA:	SEE SHEET 3
PROTECTED PLANTS:	NONE
GROUNDWATER LEVEL:	+260 FEET BELOW GROUND SURFACE (SEE SHEETS 5 AND 6)
EXISTING LAND USE DESIGNATION:	SEE TABLE SHEET 2
PROPOSED LAND USE DESIGNATION:	SEE TABLE SHEET 2
ELECTRICITY:	SOUTHERN CALIFORNIA Edison (SCE) P.O. BOX 800 ROSEMEAD, CA 91770 (800) 655-4555
GAS:	N/A (NO NATURAL GAS AND/OR PROPANE SERVICE REQUIRED)
WATER:	EXISTING WATER WELL LOCATED WITHIN AREA M
SEWER:	EXISTING PORTABLE SANITATION FACILITIES LOCATED WITHIN AREA L
TELEPHONE:	N/A (NO FIXED LANDLINE TELEPHONE SERVICE REQUIRED)



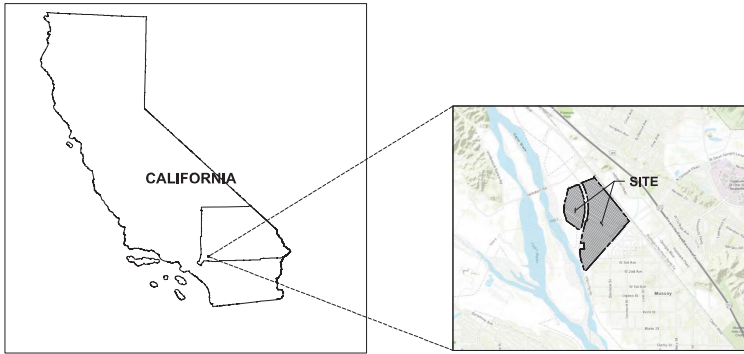
LEGEND:	
[Orange dashed line]	AREA K BOUNDARY (35.1 ACRES)
[Pink dashed line]	AREA L BOUNDARY (133.0 ACRES)
[Blue dashed line]	AREA M BOUNDARY (100.1 ACRES)
[Green dashed line]	AREA N BOUNDARY (66.3 ACRES)
[Red dashed line]	AREA Q BOUNDARY (198.0 ACRES)
[Grey line]	EXISTING TOPOGRAPHY
[Yellow line]	MINIMUM MINING SETBACK (FROM PROJECT BOUNDARY)

SCALE IN FEET  
SCALE: 1" = 400'  
SCALE INDICATED IS BASED ON A 34" X 36" FORMAT (11x17)

DATUM: HORIZ= NAD83, CALIFORNIA ZONE 5, US FOOT  
VERT= NAVD88

OWNER / APPLICANT			REVISIONS			VULCAN MATERIALS COMPANY CAJON CREEK CONSOLIDATED QUARRY		
VULCAN MATERIALS COMPANY - WESTERN DIVISION 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91768			DATE	DESCRIPTION	BY	SITE OVERVIEW - EXISTING CONDITIONS		
LAND USE CONSULTANT			DATE	DESCRIPTION	BY			
SESPE CONSULTING, INC. 374 POLI STREET, SUITE 200 VENTURA, CALIFORNIA 93001 (805) 275-1515			DATE	DESCRIPTION	BY			
SESPE CONSULTING, INC. 374 POLI STREET, SUITE 200 VENTURA, CALIFORNIA 93001 (805) 275-1515			DATE	DESCRIPTION	BY			
			FIGURE NUMBER			1		



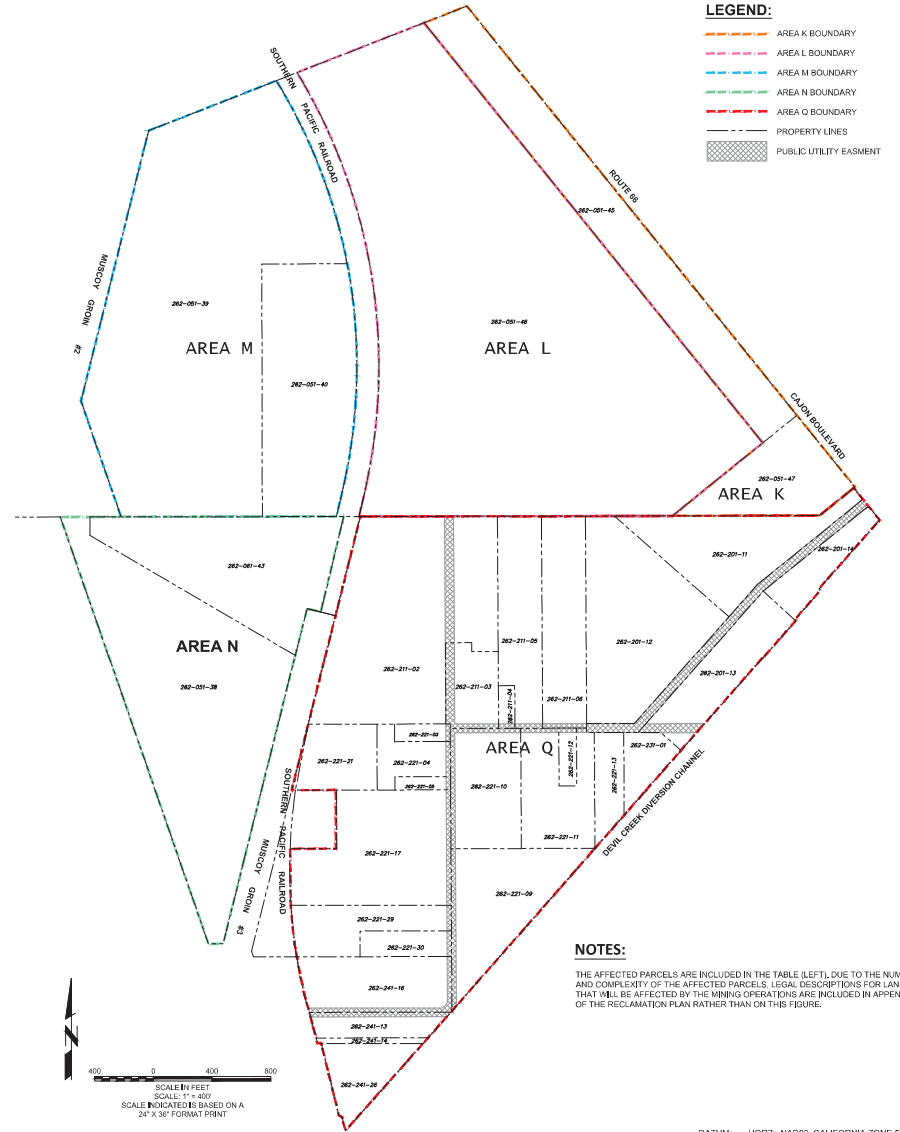


INDEX MAP

PROPERTY INFORMATION

PLANNING AREA	PARCEL NUMBER	AREA (ACRES)	PROPERTY OWNER	LAND USE DESIGNATION	CURRENT MINERAL RIGHTS INTEREST HOLDER
AREA Q	0262-201-11-0000	12.45	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-201-12-0000	21.15	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-201-13-0000	8.21	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-201-14-0000	4.16	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-211-02-0000	32.80	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-211-03-0000	4.60	CALMAT CO. 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	CALMAT CO. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-211-04-0000	0.75	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-211-05-0000	9.26	CALMAT CO. 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	CALMAT CO. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-211-06-0000	10.20	ARUNDEL COMPANY, LLC 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	ARUNDEL COMPANY, LLC P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-211-09-0000	1.56	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-04-0000	3.30	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-05-0000	0.79	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-09-0000	12.80	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-10-0000	8.24	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-11-0000	8.40	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-12-0000	1.70	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-13-0000	3.11	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-17-0000	15.89	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-21-0000	6.30	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-29-0000	6.63	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-221-30-0000	2.38	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014

PLANNING AREA	PARCEL NUMBER	AREA (ACRES)	PROPERTY OWNER	LAND USE DESIGNATION	CURRENT MINERAL RIGHTS INTEREST HOLDER
AREA Q	0262-221-01-0000	2.80	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-241-13-0000	3.56	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-241-14-0000	5.60	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-241-16-0000	6.74	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA Q	0262-241-26-0000	4.86	VULCAN LANDS, INC. 1200 URBAN CENTER DRIVE BIRMINGHAM, ALABAMA 35242	GENERAL INDUSTRIAL (G) COMMUNITY INDUSTRIAL (CI)	VULCAN LANDS, INC. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA N	0262-051-38-0000	177.08	CALMAT CO. 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	INDUSTRIAL EXTRACTIVE (IE) CALMAT/CAJON CREEK SPECIFIC PLAN (SP 90-10)	CALMAT CO. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA M	0262-051-39-0000	77.38	CALMAT CO. 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	INDUSTRIAL EXTRACTIVE (IE) CALMAT/CAJON CREEK SPECIFIC PLAN (SP 90-10)	CALMAT CO. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA M	0262-051-40-0000	22.72	CALMAT CO. 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	INDUSTRIAL EXTRACTIVE (IE) CALMAT/CAJON CREEK SPECIFIC PLAN (SP 90-10)	CALMAT CO. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA K	0262-051-45-0000	24.79	CALMAT CO. 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	INDUSTRIAL EXTRACTIVE (IE) CALMAT/CAJON CREEK SPECIFIC PLAN (SP 90-10)	CALMAT CO. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA L	0262-051-46-0000	132.29	CALMAT CO. 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	INDUSTRIAL EXTRACTIVE (IE) CALMAT/CAJON CREEK SPECIFIC PLAN (SP 90-10)	CALMAT CO. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA K	0262-051-47-0000	11.01	CALMAT CO. 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	INDUSTRIAL EXTRACTIVE (IE) CALMAT/CAJON CREEK SPECIFIC PLAN (SP 90-10)	CALMAT CO. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014
AREA N	0262-061-43-0000	21.23	CALMAT CO. 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	INDUSTRIAL EXTRACTIVE (IE) CALMAT/CAJON CREEK SPECIFIC PLAN (SP 90-10)	CALMAT CO. P.O. BOX 385014 BIRMINGHAM, AL 35242-5014



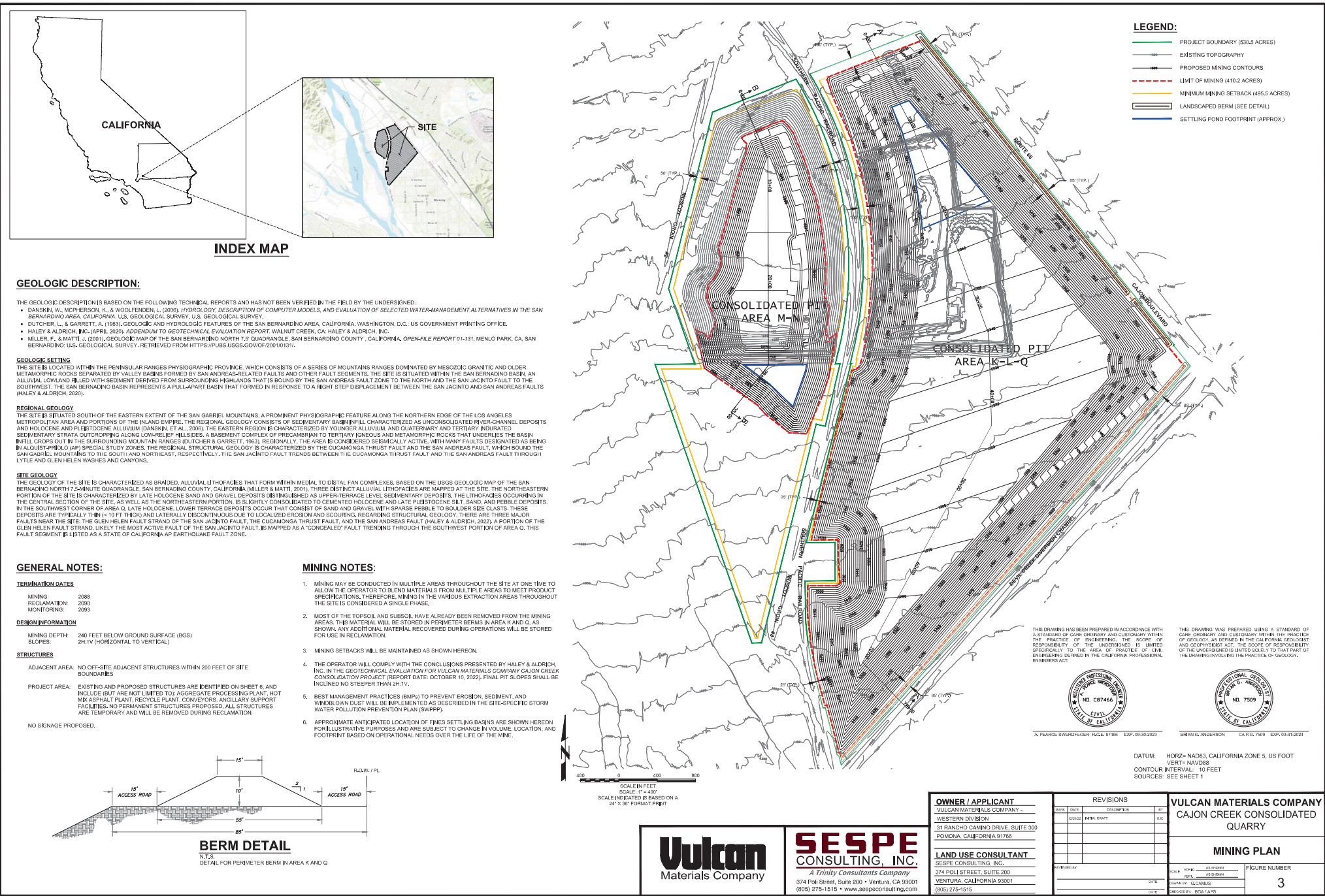
NOTES:  
THE AFFECTED PARCELS ARE INCLUDED IN THE TABLE (LEFT), DUE TO THE NUMBER AND COMPLEXITY OF THE AFFECTED PARCELS. LEGAL DESCRIPTIONS FOR LANDS THAT WILL BE AFFECTED BY THE MINING OPERATIONS ARE INCLUDED IN APPENDIX E OF THE RECLAMATION PLAN RATHER THAN ON THIS FIGURE.

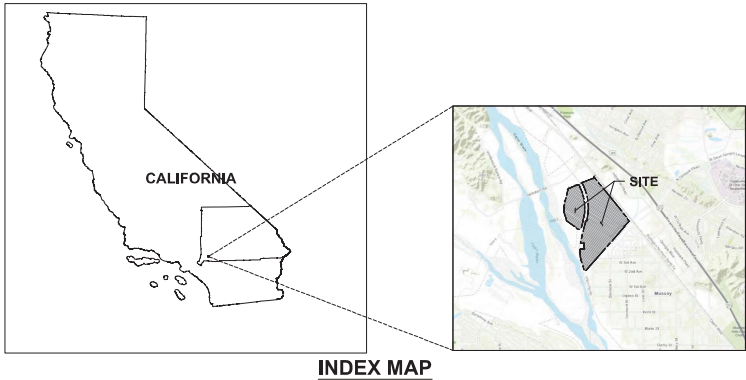
DATUM: HORIZ = NAD83, CALIFORNIA ZONE 5, US FOOT  
VERT = NAVD88  
SOURCES: SEE SHEET 1

<b>OWNER / APPLICANT</b> VULCAN MATERIALS COMPANY - WESTERN DIVISION 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766		<b>REVISIONS</b> DATE BY DESCRIPTION DATE BY DESCRIPTION		<b>VULCAN MATERIALS COMPANY</b> CAJON CREEK CONSOLIDATED QUARRY	
<b>LAND USE CONSULTANT</b> SESPE CONSULTING, INC. 374 POOL STREET, SUITE 200 VENTURA, CALIFORNIA 93001 (805) 275-1515		<b>FIGURE NUMBER</b> 2		<b>PROPERTY INFORMATION</b>	









INDEX MAP

RECLAMATION NOTES:

1. TOPSOIL AND SUBSOIL STORED IN PERIMETER BERMS OR ELSEWHERE WILL BE DECONSTRUCTED AND TOPSOIL/SUBSOIL WILL BE SPREAD THROUGHOUT THE AREA TO BE RECLAIMED TO AID IN RE-ESTABLISHMENT OF THE TOPSOIL PROFILE.
2. THE OPERATOR WILL COMPLY WITH THE CONCLUSIONS PRESENTED BY HALEY & ALDRICH, INC. IN THE GEOTECHNICAL EVALUATION FOR VULCAN MATERIALS COMPANY CAJON CREEK CONSOLIDATION PROJECT (REPORT DATE: OCTOBER 10, 2022). FINAL PIT SLOPES SHALL BE INCUT TO NO STEEPER THAN 2H:1V.
3. AT THE COMPLETION OF MINING, ALL DISTURBED AREAS AT THE SITE WILL BE REVEGETATED AS DESCRIBED IN SECTION 5.6 OF THE RECLAMATION PLAN TEXT.
4. RECLAMATION OF THE SITE WILL INCLUDE SITE CLEANUP, PUBLIC SAFETY MEASURES, DRAINAGE CONTROLS, RECONTOURING, AND RIPPING (WHERE APPLICABLE), AND REVEGETATION UTILIZING NATIVE SPECIES, MONITORING, AND MAINTENANCE.
5. THE TIMEFRAMES SHOWN IN THE "RECLAMATION TIMELINE" TABLE BELOW ARE ESTIMATIONS AND MAY CHANGE DEPENDING ON MARKET DEMANDS OR UNFORESEEN CIRCUMSTANCES.
6. ONCE MINING IS COMPLETE, ALL AREAS WILL BE RECLAIMED TO OPEN SPACE.
7. REVEGETATION ACTIVITIES WILL BE MONITORED BY A QUALIFIED REVEGETATION SPECIALIST. CHANGES TO THE REVEGETATION METHODS AND DEVELOPMENT OF POSSIBLE ALTERNATIVES TO ACHIEVE SMART MINIMUM REVEGETATION STANDARDS WILL BE REVIEWED IN COORDINATION WITH SAN BERNARDINO COUNTY.
8. REVEGETATION WILL NOT PRECLUDE ACCESS TO, OR MINING OF ANY AGGREGATE RESERVES REMAINING AFTER COMPLETION OF THE PROPOSED MINING ACTIVITIES.
9. OFFICIALS OF VULCAN MATERIALS COMPANY WILL BE RESPONSIBLE FOR ACCOMPLISHING THE MAINTENANCE AND MONITORING PROGRAM IN COORDINATION WITH THE SAN BERNARDINO PLANNING DEPARTMENT.
10. DURING RECLAMATION, WATER IN THE SETTLING PONDS WILL BE ALLOWED TO NATURALLY INFILTRATE AND/OR EVAPORATE. SETTLING PONDS WILL THEN BE REVEGETATED IN THE SAME MANNER AS THE REMAINDER OF THE SITE.
11. NOMINAL VOLUMES OF CLEAN, INERT FILL FROM ON-SITE OPERATIONS OR IMPORT WILL BE PLACED IN THE FINISHED EXCAVATION PITS PRIOR TO REVEGETATION, CONSISTENT WITH THE EXISTING SPECIFIC PLANNING APPROVALS.

REVEGETATION SEED MIX:

COMMON NAME	SCIENTIFIC NAME	SEEDING RATE (LBS/ACRE)	
		MINIMUM	MAXIMUM
CALIFORNIA SAGEBRUSH	ARTEMISIA CALIFORNICA	1.0	2.0
CHAMISE	ADENOSTOMA FASCICULATUM	2.0	4.0
FLATTOPPED BUCKWHEAT	ERIOGONUM FASCICULATUM	8.0	12.0
SCALEBROOM	LEPIDOSPARTUM SQUAMATUM	3.0	5.0
BLACK SAGE	SALVIA MELIFERA	1.0	2.0
GOLDEN ASTER	CHRYSOPSIS VILLOSA	0.25	0.5
SLENDER BUCKWHEAT	ERIOGONUM GRACILE (E. DAVIDSONII)	1.0	2.0
CALIFORNIA CROTON	CROTON CALIFORNICUS	0.25	0.5
MOUNTAIN MAHOGANY	CEROCARPUS BETULOIDES	0.5	1.5
CALIFORNIA EVERLASTING	GNAPHALIUM CALIFORNICUM	0.5	1.0
SHOWY PENSTEMON	PENSTEMON SPECTABILIS	0.5	1.5
DEERWEED	LOTUS SCOPARIUS	4.0	8.0
CHIA	SALVIA COLUMBARIAE	0.5	2.0
WHITE SAGE	SALVIA APARNA	1.0	2.0
BRANCHING PHACELIA	PHACELIA RAMOSISSIMA	0.25	1.0
RED BERRY	RHAMNUS CROCEA	1.0	2.0
BUTTERWEED	SENECIO DOUGLASSII	0.25	0.5
GIANT STIPA	STIPA CORONATA	1.0	2.0
CHAPARRAL YUCCA	YUCCA WHIPPLEI	1.0	2.0
TOTAL:		27.0	51.5

1. RANGE SHOWN REPRESENTS MINIMUM AND MAXIMUM SEEDING RATE (LBS/ACRE) THAT SHOULD BE UTILIZED DURING HYDROSEEDING.

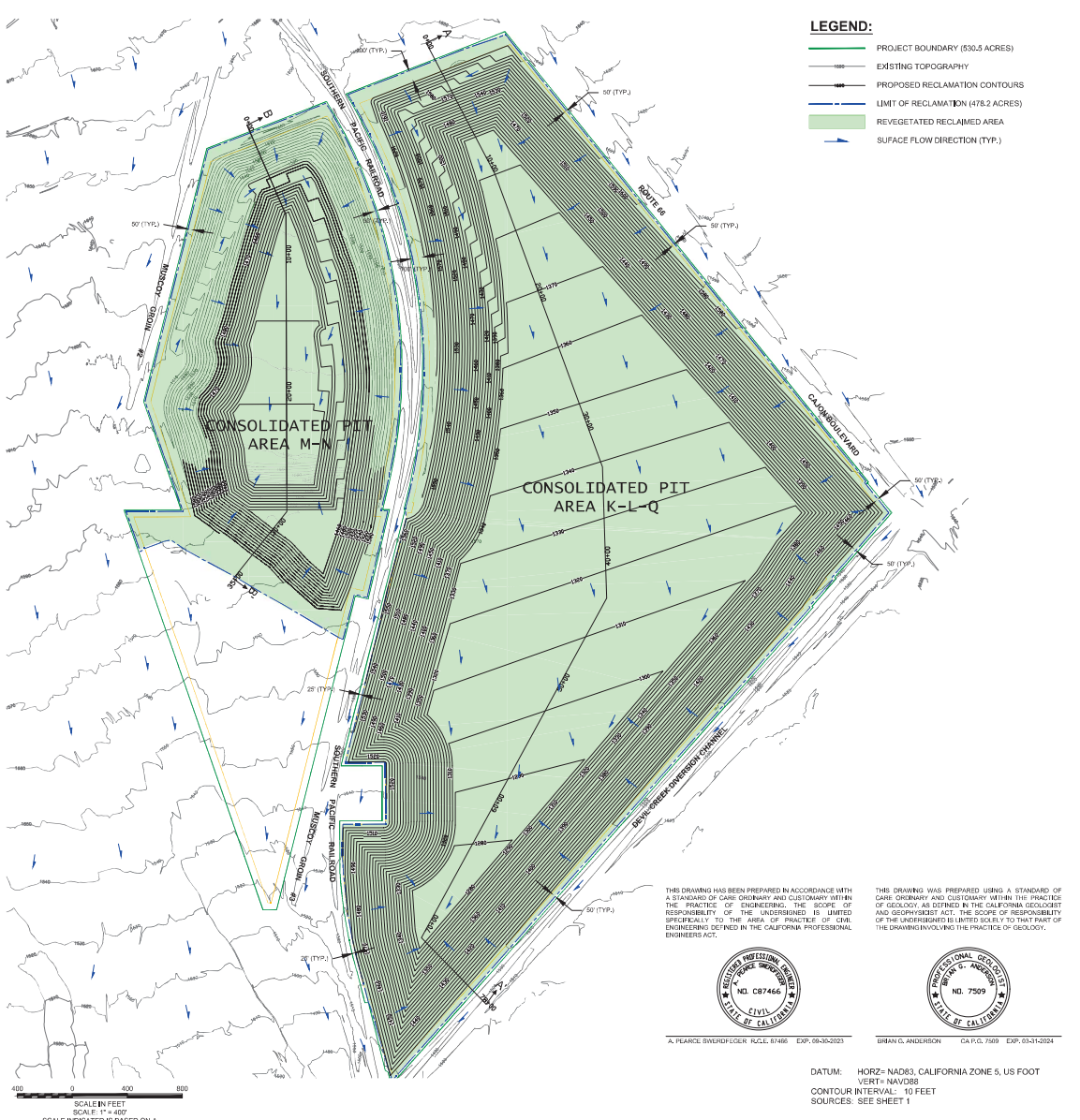
FIVE-YEAR PERFORMANCE STANDARDS FOR REVEGETATION:

PERFORMANCE CRITERIA	MONITORING METHOD	SUCCESS CRITERIA (5-YEAR)	MANAGEMENT RESPONSE
VEGETATIVE COVER	TRANSECT/PLOT OR AERIAL PHOTO ANALYSIS	25% COVER ALL NATIVE PERENNIALS COMBINED PER 50-METER BY 1-METER TRANSECT	RESEED AND/OR IDENTIFY AND REPAIR INFLUENCING VARIABLE
DENSITY	TRANSECT/PLOT	5 NATIVE PERENNIAL SPECIES PER 50-METER BY 1-METER TRANSECT	SUBSTITUTE FAILING SPECIES WITH PLANTED SPECIES THAT IS THRIVING
SPECIES RICHNESS	TRANSECT/PLOT	20 NATIVE PERENNIALS PER 50-METER BY 1-METER TRANSECT	RESEED AND/OR IDENTIFY AND REPAIR INFLUENCING VARIABLE

1. WITHIN THE RECLAMATION AREA, SIX (6) RANDOMLY PLACED SEVEN (7) BY ONE (1) METER TRANSECTS WILL BE UTILIZED TO DETERMINE THE SUCCESS OF REVEGETATION EFFORTS AT PROJECT SITE. DATA FOR ALL TRANSECTS WILL BE AVERAGED TO PRODUCE THE FINAL SUCCESS CRITERIA RESULTS.

RECLAMATION TIMELINE:

ACTIVITY	APPROXIMATE SIZE (ACRES)	SCHEDULE		LAND USE / END USE
		START	END	
SITE PREPARATION	478.2	ONGOING	MARCH 2023	CLEARED SITE
MINING	410.2	ONGOING	DECEMBER 2023	EXCAVATED PIT
RECLAMATION	478.2	JANUARY 2024	DECEMBER 2025	OPEN SPACE
RECLAMATION MONITORING	478.2	JANUARY 2026	DECEMBER 2028	REVEGETATED OPEN SPACE



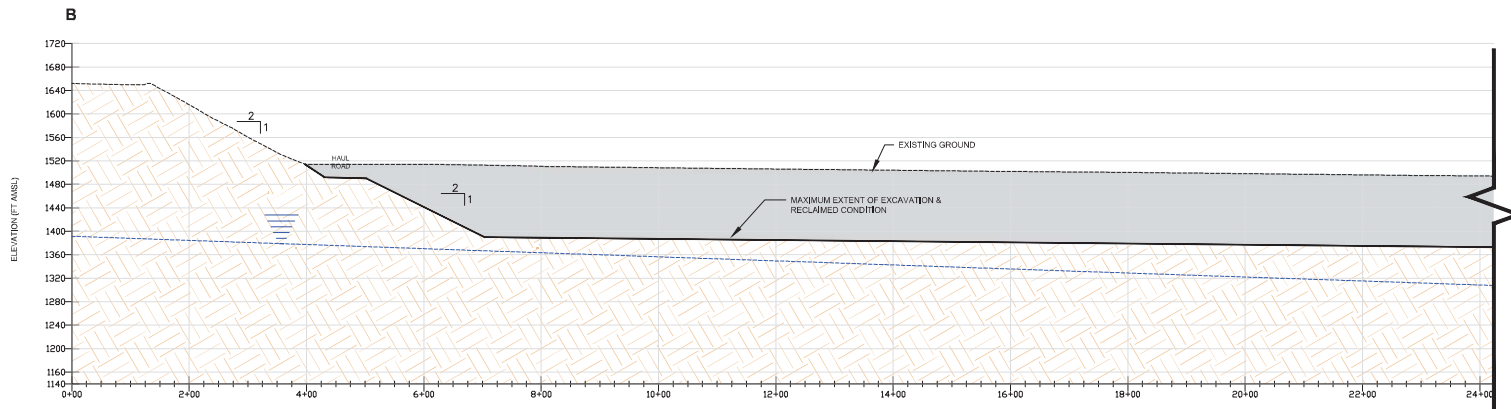
A. PEARCE, SWERDLEGE, P.L.L.C. 67466 EXP. 08-30-2023 GERRIN D. ANDERSON CA P.O. 7509 EXP. 03-31-2024

DATUM: HORZ = NAD83, CALIFORNIA ZONE 5, US FOOT  
VERT = NAVD83  
CONTOUR INTERVAL: 10 FEET  
SOURCES: SEE SHEET 1

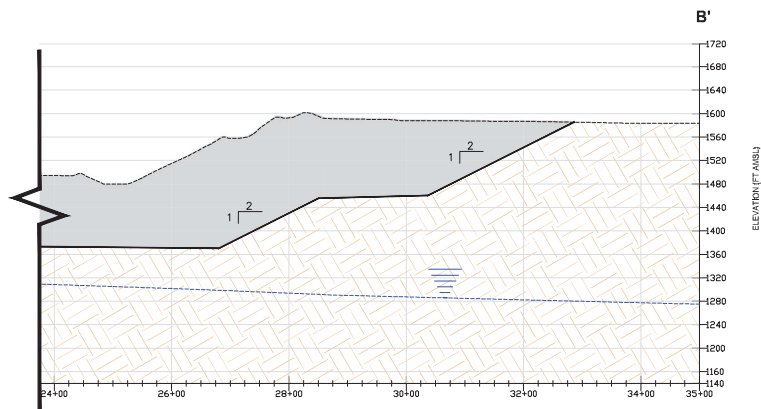
<b>OWNER / APPLICANT</b> VULCAN MATERIALS COMPANY - WESTERN DIVISION 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91768	<b>REVISIONS</b> DATE: 08/10/23 BY: JLC REASON: CHG DATE: 08/10/23 BY: JLC REASON: CHG	<b>VULCAN MATERIALS COMPANY</b> CAJON CREEK CONSOLIDATED QUARRY  <b>RECLAMATION PLAN</b>  FIGURE NUMBER <b>4</b>
<b>LAND USE CONSULTANT</b> SESPE CONSULTING, INC. 374 POLI STREET, SUITE 200 VENTURA, CALIFORNIA 93001 (805) 275-1515	SCALE: 1" = 400' DATE: 08/10/23 BY: JLC REASON: CHG	SCALE: 1" = 400' DATE: 08/10/23 BY: JLC REASON: CHG







**SECTION B - B'**



**SECTION B - B' (CONTINUED)**

**NOTES:**

1. APPROXIMATE GROUNDWATER ELEVATION SHOWN ON THE SECTIONS HEREON DERIVED BY FROM INFORMATION PROVIDED IN HYDROGEOLOGIC INVESTIGATION, CAJON CREEK CONSOLIDATED QUARRY PROJECT (REPORT DATE: SEPTEMBER 2, 2021).

THIS DRAWING HAS BEEN PREPARED IN ACCORDANCE WITH A STANDARD OF CARE ORDINARY AND CUSTOMARY WITHIN THE PRACTICE OF ENGINEERING. THE SCOPE OF RESPONSIBILITY OF THE UNDERSIGNED IS LIMITED SPECIFICALLY TO THE AREA OF PRACTICE OF CIVIL ENGINEERING DEFINED IN THE CALIFORNIA PROFESSIONAL ENGINEERS ACT.



A. PEARCE SWEEDFEGGER R.C.E. 87466 EXP. 09-30-2023

THIS DRAWING WAS PREPARED USING A STANDARD OF CARE ORDINARY AND CUSTOMARY WITHIN THE PRACTICE OF GEOLOGY AS DEFINED IN THE CALIFORNIA GEOLOGIST AND GEOPHYSICIST ACT. THE SCOPE OF RESPONSIBILITY OF THE UNDERSIGNED IS LIMITED SOLELY TO THAT PART OF THE DRAWING INVOLVING THE PRACTICE OF GEOLOGY.

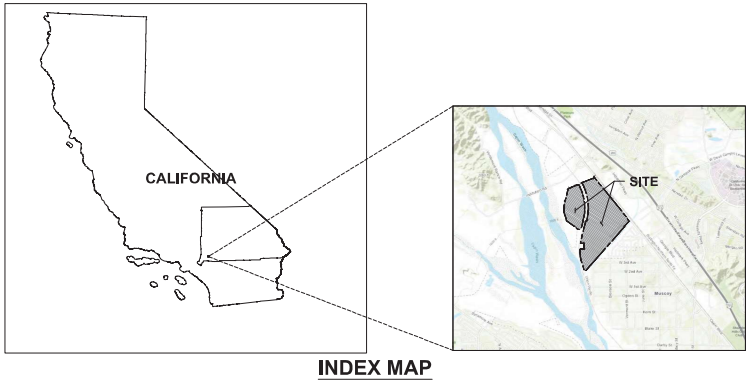


BRIAN G. ANDERSON CA P.G. 7509 EXP. 03-31-2024

<b>OWNER / APPLICANT</b> VULCAN MATERIALS COMPANY - WESTERN DIVISION 31 RANCHO CAMINO DRIVE, SUITE 300 POMONA, CALIFORNIA 91766	<table><tr><th colspan="4">REVISIONS</th></tr><tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th><th>BY</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>	REVISIONS				NO.	DATE	DESCRIPTION	BY																					<b>VULCAN MATERIALS COMPANY</b> CAJON CREEK CONSOLIDATED QUARRY
REVISIONS																														
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<b>LAND USE CONSULTANT</b> SESPE CONSULTING, INC. 374 POLI STREET, SUITE 200 VENTURA, CALIFORNIA 93001 (805) 275-1515	<table><tr><td>Drawn by:</td><td>DATE:</td></tr><tr><td> </td><td> </td></tr></table>	Drawn by:	DATE:			<b>CROSS-SECTION B - B'</b> <table><tr><td>SCALE: HORIZ. AS SHOWN</td><td rowspan="3">FIGURE NUMBER</td></tr><tr><td>VERT. AS SHOWN</td></tr><tr><td>DRAWN BY: GJL/ABJ</td></tr><tr><td>DATE:</td><td>6</td></tr></table>	SCALE: HORIZ. AS SHOWN	FIGURE NUMBER	VERT. AS SHOWN	DRAWN BY: GJL/ABJ	DATE:	6																		
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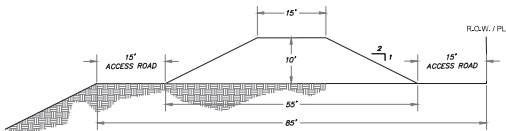
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 (805) 275-1515 • www.sespeconsulting.com





**NOTES:**

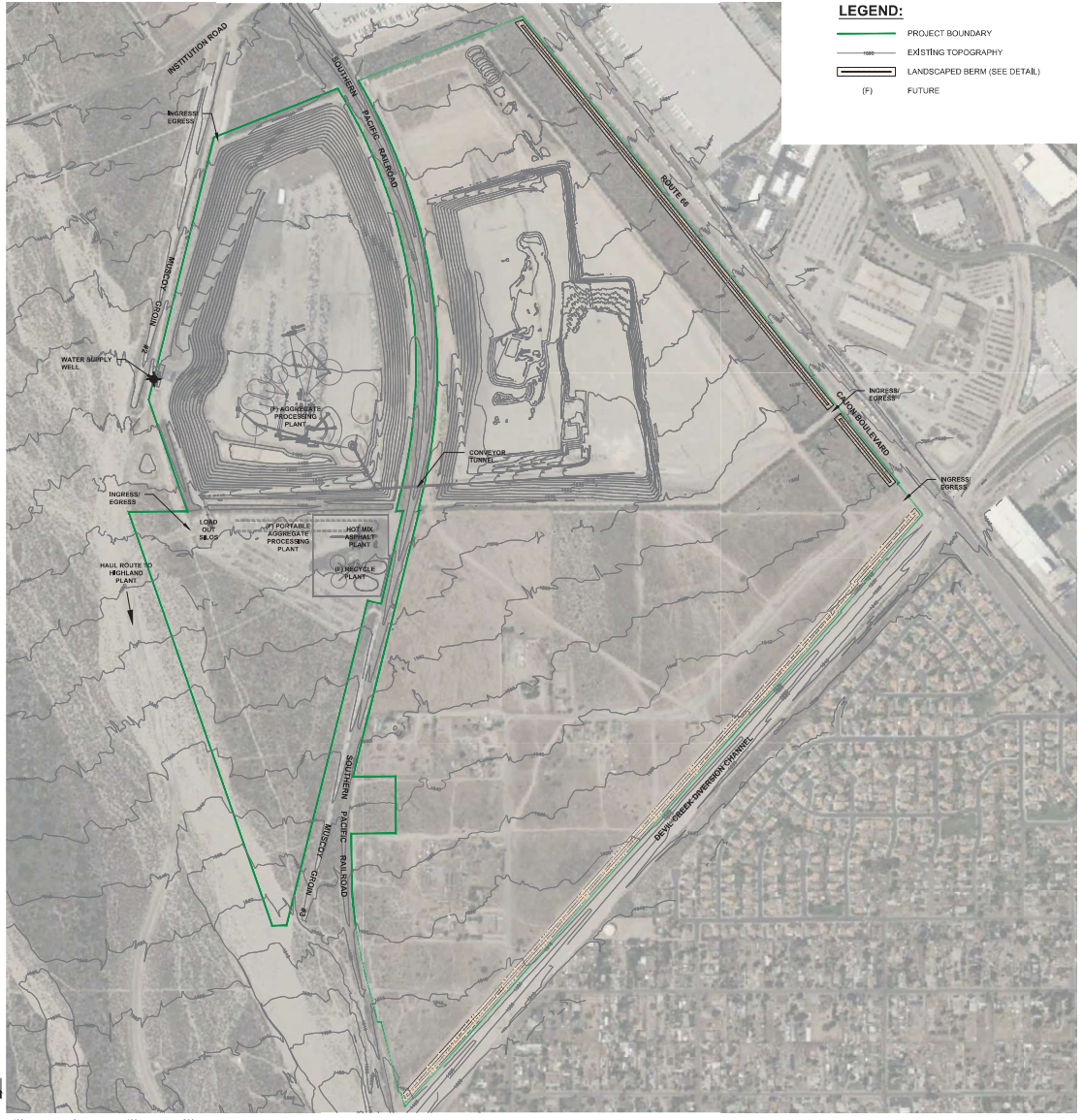
1. PROPOSED STRUCTURES ARE SHOWN FOR PERMITTING PURPOSES ONLY. STRUCTURE LAYOUT, DESIGN, LOCATION, ETC. ARE SUBJECT TO CHANGE DURING OPERATIONS.
2. CURRENTLY, MATERIAL PROCESSING TAKES PLACE OFF-SITE, AT VULCAN'S ADJACENT HIGHLAND PLANT (LOCATED APPROXIMATELY 3 MILES SOUTH OF THE CAJON CREEK CONSOLIDATED QUARRY). MINED MATERIAL IS CONVEYED TO LOADOUT SILOS ON THE WEST SIDE OF AREA N, WHICH LOAD ON-ROAD HAUL TRUCKS TO TRANSPORT THE MATERIAL. ONCE THE APPROVED PROCESSING FACILITIES ARE CONSTRUCTED WITHIN AREA M OF THE CAJON CREEK CONSOLIDATED QUARRY, AGGREGATE WILL BE PROCESSED ON-SITE.
3. THE AREA M AGGREGATE PROCESSING PLANT AND FUTURE RECYCLING PLANT ARE PERMITTED UNDER CONDITIONAL USE PERMIT (CUP) 97-01, SPECIFIC PLAN SP NO. 90-01, AND DEVELOPMENT PERMIT 97-04. THE EXACT LOCATION OF THE RECYCLE PLANT WITHIN AREA M OR L HAS NOT BEEN DETERMINED AT THIS TIME, AND IS THEREFORE NOT SHOWN ON THE SITE PLAN.
4. AT THE CESSATION OF MINING IN AREAS K, L, AND Q, A PORTABLE PROCESSING PLANT WILL BE INSTALLED IN THE AREA N PIT SO THAT THE MATERIAL FROM BENEATH THE CURRENT PROCESSING PLANT(S) IN AREA M CAN BE EXTRACTED AND PROCESSED.
5. AREA N HOT MIX ASPHALT PLANT PERMITTED UNDER DEVELOPMENT PERMIT MM 22-08.



**BERM DETAIL**

N.T.S.  
DETAIL FOR PERIMETER BERM IN AREA K AND Q

DATUM: HORIZ= NAD83, CALIFORNIA ZONE 5, US FOOT  
VERT= NAVD83  
CONTOUR INTERVAL: 10 FEET  
SOURCES: SEE SHEET 1



**LEGEND:**

- PROJECT BOUNDARY
- EXISTING TOPOGRAPHY
- LANDSCAPED BERM (SEE DETAIL)
- (F) FUTURE



SCALE IN FEET  
SCALE: 1" = 400'  
SCALE INDICATED IS BASED ON A  
24" X 36" FORMAT PRINT

**Vulcan**  
Materials Company

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**OWNER / APPLICANT**  
VULCAN MATERIALS COMPANY •  
WESTERN DIVISION  
31 RANCHO CAMINO DRIVE, SUITE 300  
POMONA, CALIFORNIA 91768

**LAND USE CONSULTANT**  
SESPE CONSULTING, INC.  
374 POL STREET, SUITE 200  
VENTURA, CALIFORNIA 93001  
(805) 275-1515

REVISIONS			
NO.	DATE	DESCRIPTION	BY

**VULCAN MATERIALS COMPANY**  
CAJON CREEK CONSOLIDATED  
QUARRY

**SITE LAYOUT PLAN**

FIGURE NUMBER  
**7**