

RECLAMATION AND CLOSURE PLAN

CONROC READY MIX, LLC
RAMON MATERIAL SOURCE

**SUBMITTED TO THE STATE MINE
INSPECTOR'S OFFICE FOR REVIEW AND
APPROVAL IN ACCORDANCE WITH
ARIZONA REVISED STATUTE
TITLE 27 - CHAPTER 6
STATE MINE INSPECTOR AGGREGATE
MINED LAND RECLAMATION**

NOVEMBER 2024

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1.0 ADMINISTRATIVE INFORMATION

Company: ConRoc Ready Mix, LLC

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Golden Valley, AZ 86413
dale.bowles@conrocreadymix.com

Applicant: Dale Bowles
ConRoc Ready Mix, LLC
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Golden Valley, AZ 86413
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Permit
Technical
Consultant: Jill Himes, Himes Consulting LLC
3301 West Genoa Way
Chandler, AZ 85226
(480) 899-5708
(602) 499-9253 (cell)
jillhimes@cox.net

Landowner: Tiltcomm Properties, LLC
4480 Rivera Ridge Ave.
Las Vegas, NV 89115

Parcel No: 215-05-006

Operator: ConRoc Ready Mix, LLC

2.0 INTRODUCTION

2.1 PURPOSE AND SCOPE

ConRoc Ready Mix, LLC proposes to conduct aggregate mining and processing at their property southwest of Kingman in Mohave County, Arizona. The Ramon Material Source is located within Section 32 in Township 20 North, Range 20 West, Gila and Salt River Meridian.

The purpose of this Mine Reclamation and Closure Plan (MRCP) is to present the details of rehabilitation of the Ramon Material Source in Mohave County, Arizona concurrent with or after mining operations have ceased in accordance with the Arizona Aggregate Mined Lands Act (AAMLRA) (Arizona Revised Statutes[A.R.S.] §27-1201 as authorized by A.R.S. § 27-1204. This plan has been developed pursuant to the format and content prescribed in the Arizona Aggregate Mined Lands Reclamation Rules (Arizona Administrative Code {A.A.C}, R11-3-101, et seq.). The MRCP addresses environmental, technical and operational issues that are identified in those documents.

2.2 RECLAMATION STATEMENT OF RESPONSIBILITY

ConRoc Ready Mix, LLC assumes responsibility for the reclamation of surface disturbances that are attributable to the aggregate mining unit consistent with A.R.S. §. 27-1201 and A.C.C. R11-3-501 pursuant to that chapter. All areas that have been disturbed at the site will be reclaimed to a safe and stable condition when mine operations conclude.

Dale Brank

11/13/24

Signature

Date

GM

Title

2.3 RECLAMATION APPROACH

ConRoc Ready Mix, LLC will reclaim areas surrounding and within the excavated areas necessary to accomplish the post-mining land use of open space. The goals of the mine plan and reclamation measures are to provide for a safe, stable, and sustainable site once mining has ceased. Reclamation will take place concurrently to the degree possible, but no later than the cessation of mining activities.

2.4 CURRENT OWNERSHIP AND LAND USE INCLUDED IN THE AGGREGATE MINING UNIT

ConRoc Ready Mix, LLC is planning to conduct aggregate mining and processing operations for commercial use at the Ramon Material Source. The site includes approximately 39.4 acres, as shown in Table 1 below, and in Figure 3. The extraction/processing operation consists of mining to remove aggregate material as described in A.R.S. § 27-441. At the Ramon Material Source, the process includes the use of a screen, crusher, and other mobile equipment for the support of production, and other construction material related operations. Proposed operations would include excavation, screening, crushing, stockpiling, loading, and hauling. Existing access is from Ramon Drive to the north. Current land use onsite consists of grazing and open space. ConRoc Ready Mix, LLC has estimated the removal of up to 210,000 cubic yards over a period of 5 years.

Vegetation communities in the project vicinity are Mohave Desertscrub described by Brown (1994). The majority of the vegetation onsite is very sparse and dominated by creosotebush (*Larrea tridentata*). Vegetation observed also includes brittlebush (*Encelia farinosa*), catclaw acacia (*Acacia greggii*), white ratany (*Krameria grayi*), white bursage (*Ambrosia dumosa*), branched pencil cholla (*Cylindropuntia ramosissima*), and Mediterranean grass (*Schismus* sp.). The site occurs within the Arizona Game and Fish Department (AGFD) Game Management Unit 15D. This unit is managed for bighorn sheep (*Ovis canadensis*), mule deer (*Odocoileus hemionus*), dove (*Zenaida* sp. and *Columbina* sp.), quail (*Callipepla gambelii*), and waterfowl. Wildlife and/or wildlife sign observed in the project vicinity includes desert woodrat (*Neotoma lepida*), desert cottontail (*Sylvilagus auduboni*), mourning dove (*Zenaida macroura*), and lesser nighthawk (*Chordeiles acutipennis*).

Table 1
Existing Surface Disturbance

Feature	Acres
Access Road & Disturbed Area	1.2
Undisturbed	38.2
Total	39.4

2.5 PROPOSED POST-AGGREGATE MINING LAND USE

Proposed post-aggregate mining land use of the site is open space. Current nearby use is open space and residential.

2.6 DESCRIPTION OF THE AGGREGATE MINING UNIT AND PROPOSED SURFACE DISTURBANCES

Proposed surface disturbances include aggregate mining in the southeast portion of the site, and processing in the northeast portion of the site. The western half of the site will remain undisturbed, for a final disturbance of approximately 18.1 acres, as shown in Figure 4. Depth of mining will be approximately 20 feet. Slopes 3:1 (horizontal: vertical) (H:V) or flatter are incorporated into the mining plan. The processing area, located in the northeast corner, includes a crusher, screen, stockpiles, and an office trailer. Proposed surface disturbances are shown in Table 2 below. The closest off-site residential structure is located 1,085 feet (ft) to the southeast of the nearest proposed excavation area.

Table 2
Proposed Final Surface Disturbance

Feature	Acres
Access Road	0.6
Mining Area	13.0
Processing Area	4.5
Undisturbed	21.3
Total	39.4

2.7 EXISTING AND PROPOSED FINAL TOPOGRAPHY

Existing topography and survey information is provided in Figure 3 attached. Existing elevations range are relatively flat from approximately 2,310 ft above mean sea level in the northeast corner of the property to approximately 2,296 ft above mean sea level (msl) in the southwest corner of the property. Proposed final elevations are shown in Figure 4 attached. Proposed final topography of the slopes will have a 3:1 (H:V) slope or flatter to provide a safe slope at the end of mine life.

2.8 A NARRATIVE DESCRIPTION OF ROADS

Outside of the parcel, Ramon Drive provides the existing access, as shown in Figures 3 and 4. One internal access road occurs from Ramon Drive to the interior of the parcel.

2.9 ACREAGE AFFECTED BY EACH TYPE OF SURFACE DISTURBANCE

Area Descriptions:

2.9.1 Mining Area

Aggregate mining at this site would impact approximately 13 acres of largely undisturbed areas. Mining depth will be approximately 20 ft. Slopes are planned at a maximum of 3:1 (H:V) or flatter. Final build-out is shown in Figure 4.

2.9.2 Processing Area

The processing area is located in the northeast portion of the parcel. The processing area includes a crusher, a screen plant, stockpiles, equipment, and an office trailer.

2.9.3 Access Roads

The existing off-site access road, Ramon Drive, will not change. Temporary internal access roads may be used over time as mining advances. The existing access road is shown in Figures 3 and 4.

3.0 RECLAMATION

3.1 EQUIPMENT AND STRUCTURE REMOVAL

All equipment on this site is mobile and can be re-located at will throughout the mining process. All mobile equipment will be removed from the site. There are no buildings or structures proposed to be located on the site.

3.2 ROADS, POWER LINES, WATERLINES AND FENCES

All disturbed areas, including internal access roads within the mining and processing areas will be scarified, as shown in Figure 5. There are no powerlines that occur within the site. There are no waterlines within the site. Mobile generators will be used on an as-needed basis for the mining equipment which will be removed post-mining. The site is currently gated and partially fenced along Ramon Drive to limit entry. As no hazardous conditions will remain at the end of reclamation, additional fencing is not proposed per landowner request.

3.3 AREA PREPARATION

Post-mining, the disturbed portions of the site interior will be re-graded and scarified to promote natural revegetation, as shown in Figure 5.

3.4 SLOPE STABILIZATION

Mining incorporates 3:1 (H:V) slopes or flatter to result in stability for the area. No additional physical stabilization will be necessary after mining.

3.5 SOIL CONSERVATION

Natural revegetation on previously disturbed areas in the vicinity has been previously successful. Natural revegetation of the disturbed areas is therefore reasonably expected to be successful without soil amendments.

3.6 REVEGETATION

To promote natural revegetation, scarification will be conducted within the disturbed areas to support the open space land use of the site. Since these areas are not proposed to support grazing, fish or wildlife habitat, forestry or recreation post-mining land uses, proposed measures to encourage fish and wildlife habitat are not required to be described further in accordance with A.R.S. §27-1271 (B)(9d).

3.7 THE PROPOSED RECLAMATION MEASURES TO ACHIEVE POST MINE LAND USE AND PUBLIC SAFETY

- A. What measures will restrict public access to pits or other hazardous surface features?
As the mined slopes are proposed at 3:1 (H:V) or flatter, no hazardous surface features are anticipated to remain after reclamation. Additional fencing is not proposed per landowner request. In addition, all scrap metal, wood, trash and other debris that pose a threat to public safety or create a public nuisance will be removed.
- B. What measures will be taken to address erosion control and stability?
Site-specific grading will be conducted, as necessary, to address erosion. No permanent piles of mined material or overburden will remain. Slope stability at a 3:1 (H:V) slope or flatter is incorporated into the mining plan.
- C. What measures will be taken to address revegetation, conservation, and the care and monitoring of revegetated areas?
Scarification would promote natural revegetation which occurs in the region. As revegetation is not proposed, monitoring of revegetated areas is not required.

3.8 TIMELINE AND PHASING OF RECLAMATION

Mining will begin immediately upon approval, anticipated in late 2024. In accordance with A.R.S. § 27-926, reclamation & monitoring will be completed within one year of cessation of mining. Proposed tentative schedule includes:

- Mining operations are anticipated to continue for 5 years until 2030.
- Reclamation on the processing and related areas will commence immediately upon completion of mining operations and is estimated to be completed within one year (estimated 2031).
- Reclamation includes equipment removal, processing area cleanup, grading, scarification to promote natural revegetation, and annual monitoring (trash removal, natural revegetation monitoring).
- Reclamation will be deemed complete once the reclaimed surfaces have been regraded to a safe and stable condition, scarification has been conducted, and ASMI verifies that the owner or operator has fulfilled the requirements of the approved reclamation plan.

3.9 RECLAMATION COSTS – FINANCIAL ASSURANCE

All reclamation costs will be wholly born by the applicant. Financial surety will be obtained by bonding.

4.0 MINE CLOSURE

4.1 MINING AREAS

Reclamation of the mining area will commence immediately upon closure of mining operations. There will be no substantial period between operation and reclamation.

4.2 PROCESSING AND OTHER AREAS

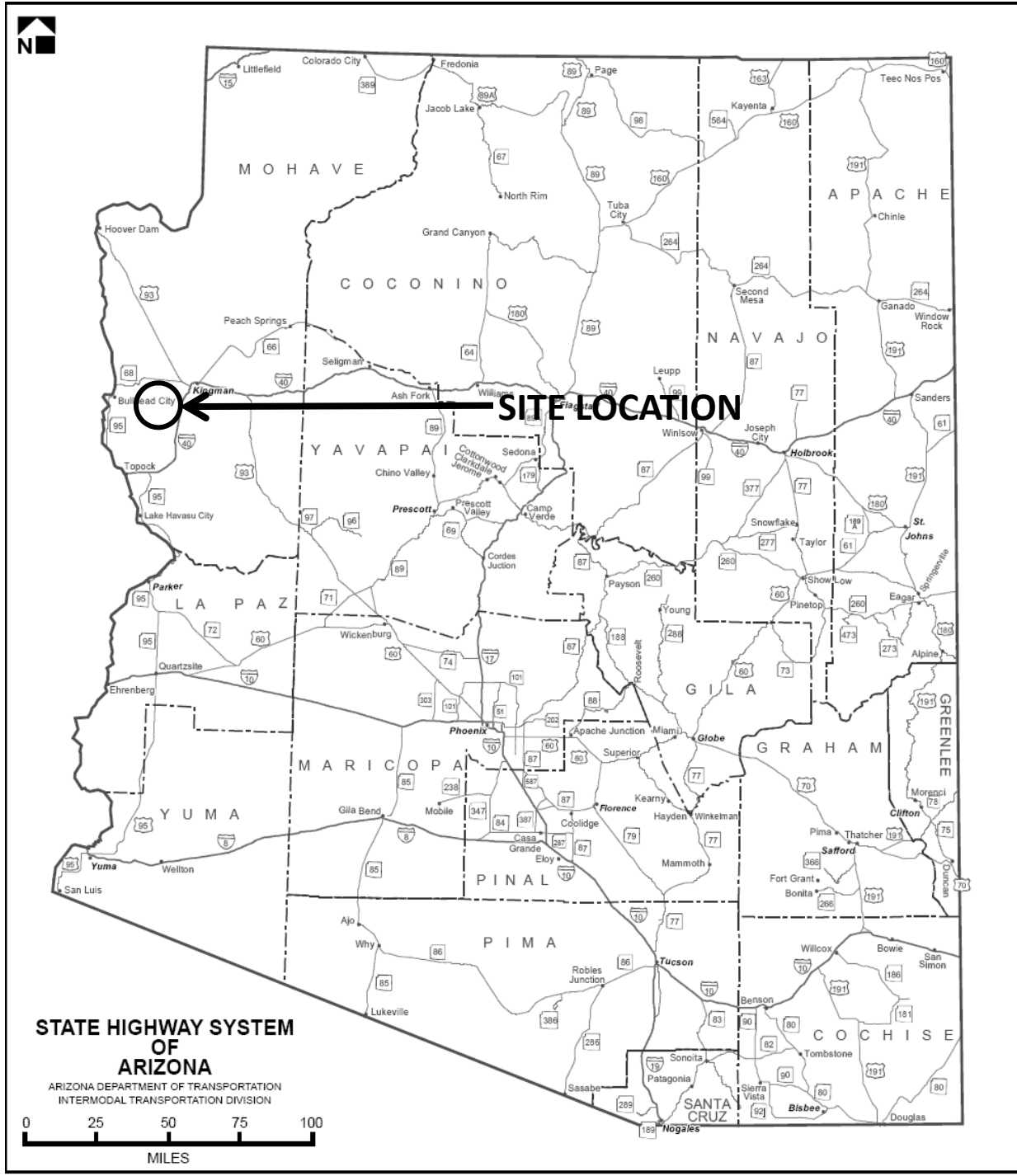
Stockpile areas will be removed by the end of mine life. Reclamation will commence immediately upon completion of mining operations. There will be no substantial period between operation and reclamation.

4.3 PERSONNEL

Personnel employed at this site will be re-assigned to other job sites if possible or assigned to assist with the reclamation process and then re-assigned.

4.4 MONITORING

The closure of operations at this site will be monitored in accordance with the approved conditions of this plan in accordance with the Arizona State Mine Inspector's Office. During reclamation, monitoring will occur annually to remove trash and conduct a general inspection.



**Figure 1. State Map.
Ramon Material Source.
Mohave County, AZ.**

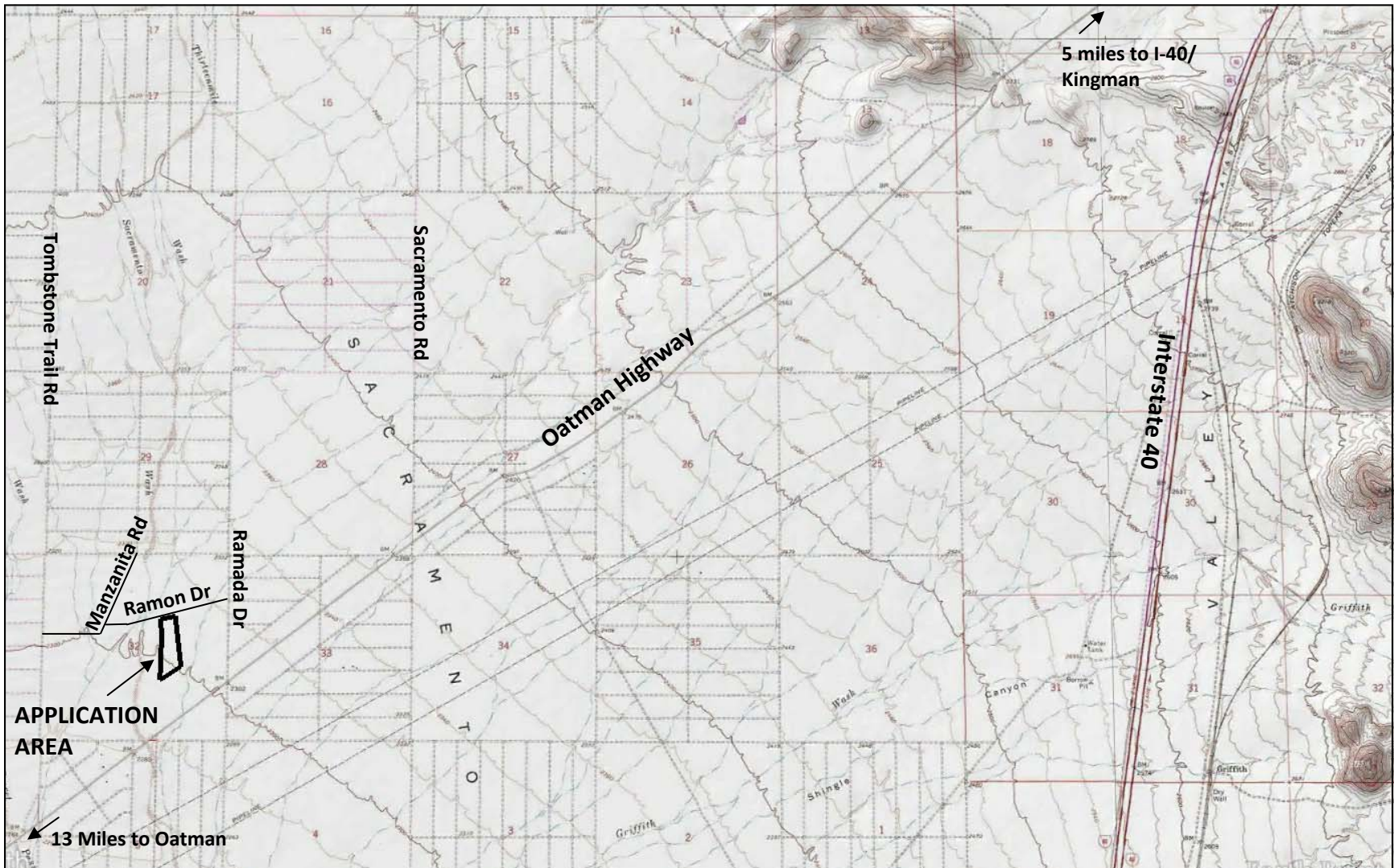
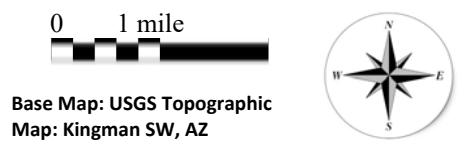


Figure 2. Project Vicinity Map.
Ramon Material Source.
Mohave County, AZ




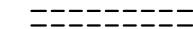




Base Map: USGS Topographic
 Map: Kingman SW, AZ

RAMON MATERIAL SOURCE CONROC READY MIX, LLC MATERIAL SOURCE & PLANT SITE EXISTING CONDITIONS

A PORTION OF SECTION 32,
T-20N., R-18W, of the GILA &
SALT RIVER BASE & MERIDIAN
MOHAVE COUNTY, ARIZONA

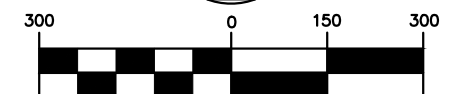
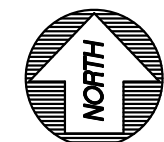
LEGEND

-  PROPERTY LINE
-  WASH LINE
-  FLOOD PLAIN DELINEATION
-  ACCESS ROAD
-  EXISTING 10' CONTOURS
-  EXISTING 2' CONTOURS

MATERIAL & PLANT AREAS

EXISTING CONDITIONS

MINING AREA	
DISTURBED AREA	- 1.2± ACRES
UNDISTURBED AREA	- 38.2± ACRES
TOTAL	- 39.4± ACRES



SCALE: 1" = 300'

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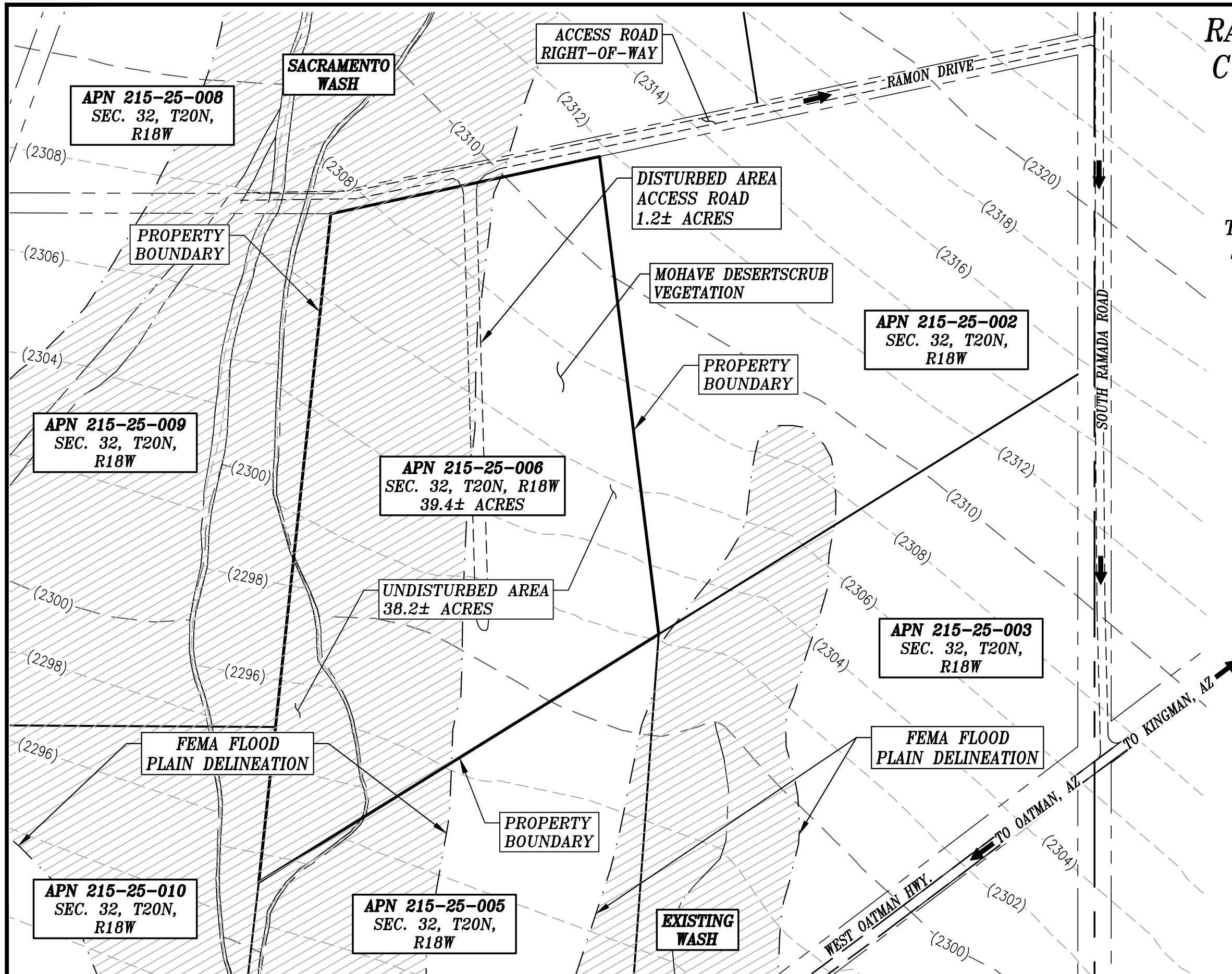


FIGURE 3

**RAMON MATERIAL SOURCE
CONROC READY MIX, LLC
MATERIAL SOURCE &
PLANT SITE
PROPOSED CONDITIONS**

A PORTION OF SECTION 32,
T-20N., R-18W, of the GILA &
SALT RIVER BASE & MERIDIAN
MOHAVE COUNTY, ARIZONA

LEGEND

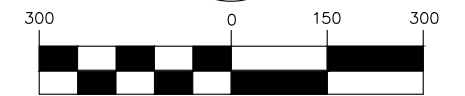
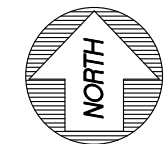
- PROPERTY LINE
- - - WASH LINE
- - - FLOODPLAIN DELINEATION
- - - ACCESS ROAD
- - - EXISTING 10' CONTOURS
- - - EXISTING 2' CONTOURS
- - - PROPOSED 10' CONTOURS
- - - PROPOSED 2' CONTOURS

MATERIAL & PLANT AREAS

MINING AREA	- 13.0± ACRES
PROCESSING AREA	- 4.5± ACRES
ACCESS ROADWAY	- 0.6± ACRES
UNDISTURBED AREA	- 21.3± ACRES
<hr/>	
TOTAL	- 39.4± ACRES

SOURCE MATERIAL VOLUME

MINING AREA	- 13.0± ACRES
VOLUME	- 210,000± CY



SCALE: 1" = 300'

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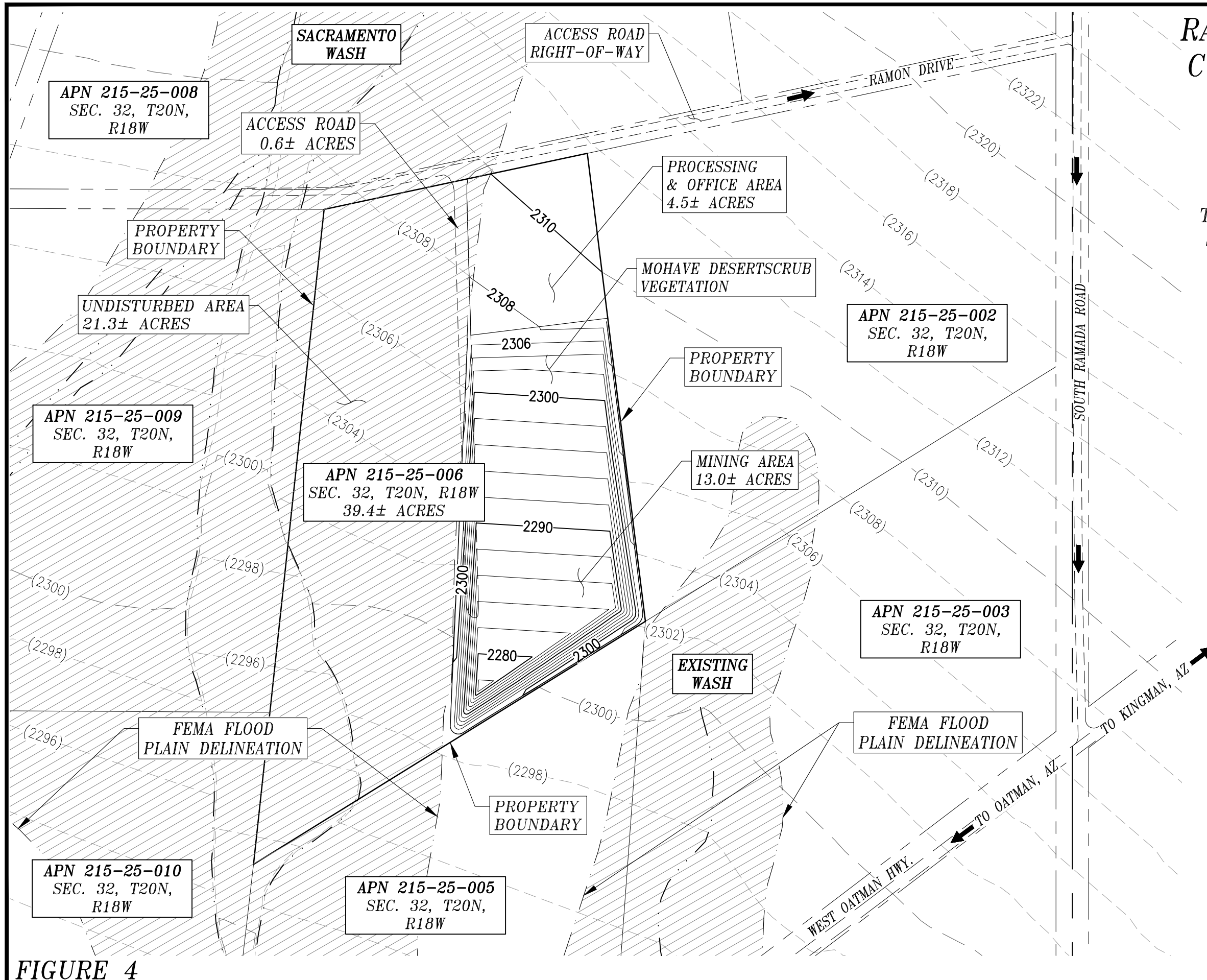



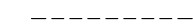





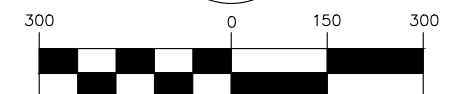
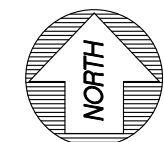
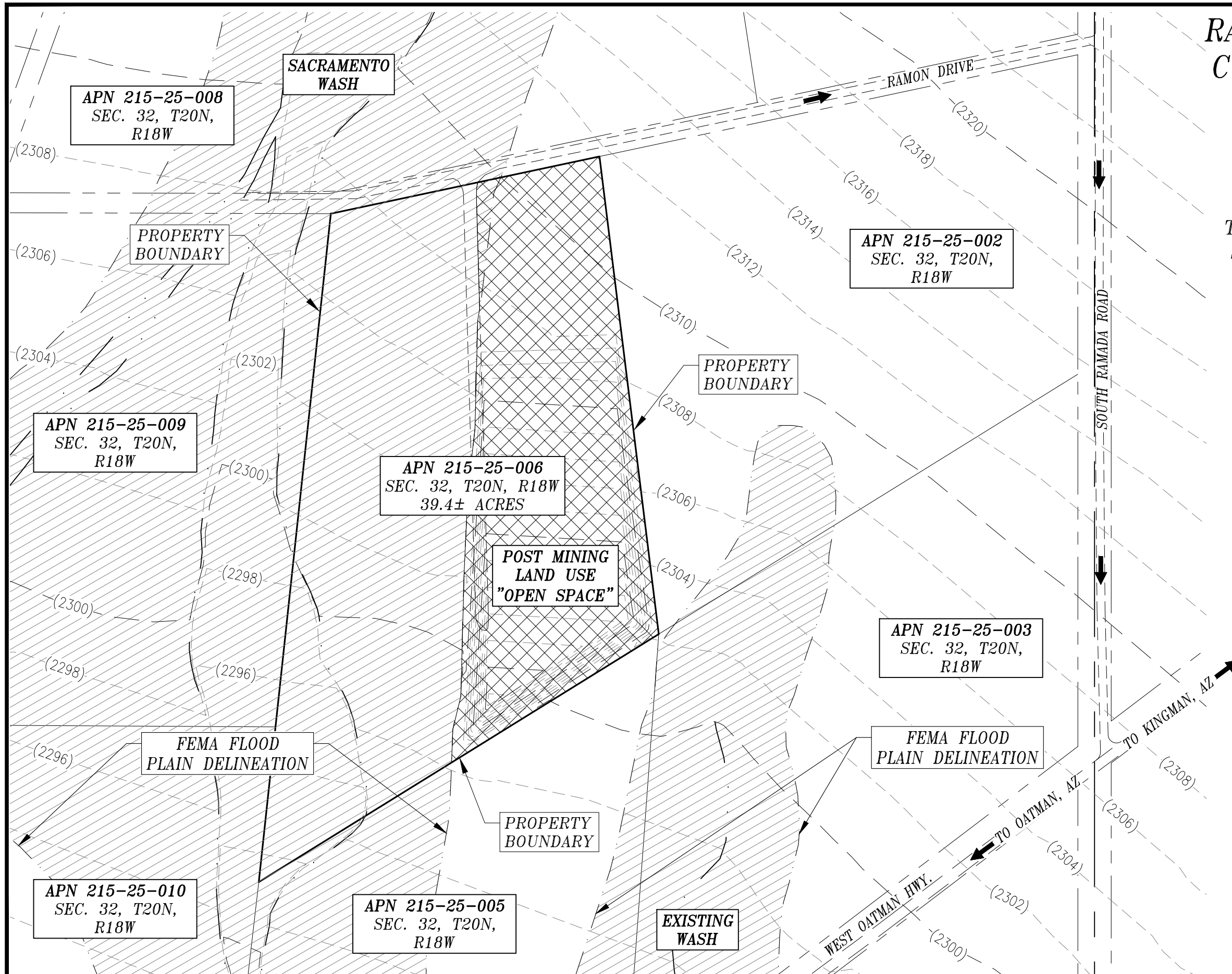
FIGURE 4

RAMON MATERIAL SOURCE CONROC READY MIX, LLC RECLAMATION & POST MINING LAND USE MAP "OPEN SPACE"

A PORTION OF SECTION 32,
T-20N., R-18W, of the GILA &
SALT RIVER BASE & MERIDIAN
MOHAVE COUNTY, ARIZONA

LEGEND

-  PROPERTY LINE
-  WASH LINE
-  FLOOD PLAIN DELINEATION
-  ACCESS ROAD
-  EXISTING 10' CONTOURS
-  EXISTING 2' CONTOURS
-  SCARIFY LAND SURFACE



SCALE: 1" = 300'

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FIGURE 5

APPENDIX 1

RECLAMATION COST ESTIMATE

Reclamation Cost Estimate

Reclamation Cost Estimate Methodology

Unit costs developed for this Reclamation & Closure Plan are based on ADOT-approved estimating sources. Equipment unit costs are based on Equipment Watch Rental Rate Blue Book, Davis Bacon published labor rates, along with estimated productivity for material movement based primarily on the Caterpillar Handbook (2022). ADOT uses this format and protocol for ADOT contractors.

Material volumes and surface areas have been calculated using the topographic base maps provided and plan projection of outlined areas. The pit contours are all 3:1 or flatter. Final reclamation will consist of scarifying all compacted traffic areas other than the access roads which will remain. No fuel will be stored onsite due to shallow groundwater table.

Administrative costs were based on industry-standardized contingency, professional fees to annually inspect and report, as well as indirect costs, contractor profit, and contract administration costs.

Reclamation Cost Estimate Summary

Estimated costs developed for this Reclamation Plan are summarized below. Detailed breakdown for each reclamation activity follows.

Reclamation Activity	Units	Cost per Unit	Costs (\$)
Direct Costs			
Scarification	18.1 acres	190.81	3,453.67
Trash Disposal	1	570.04	570.04
Subtotal			4,023.71
Administrative Costs			
Administrative Contingency		10%	402.37
Inspect & Report	1 year	3,000	3,000.00
Indirect Costs		2%	80.47
Contractor Profit		10%	402.37
Contract Administration		10%	402.37
Subtotal			4,287.58
Total			8,311.29

Task 1 - Equipment Watch - Rate for D5 Dozer

DATE: 11/12/2024

TASK: Ripping/scarifying compacted surfaces – 39.4 acres at 4 acres per hour

UNITS: acres

QUANT	18.1 acres	1 days (4.5 hours)	TOTAL
D5 dozer 160-189 hp		\$1,035/day	\$1035.00
Ripper		\$39/day	\$39.00
Estimated operating costs		\$61.26/hr	\$490.08
Total O & O cost			\$1,564.08
Transport To & From jobsite			
- Kingman local		\$900 ea. way	\$1,800

Labor from Davis Bacon rates - Mohave County ADOT job

4.5 hrs	Base rate	\$17.26 per hour	\$77.67
4.5 hrs	Fringes	\$2.65 per hour	\$11.92
0 hrs	No O/T expected		

Duration	1 day
Task Total	\$3,453.67

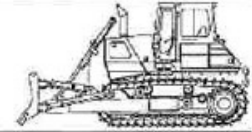
Price per acre for total	18.1 acres	\$190.81
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Rental Rate Blue Book®

June 13, 2024

Caterpillar D5
Standard Crawler Dozers

Size Class:
160 - 189 hp
Weight:
N/A



Configuration for D5

Dozer Type Operator Protection **VPAT IROPS** Horsepower Power Mode **170.0 hp Diesel**

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$14,795.00	USD \$4,145.00	USD \$1,035.00	USD \$155.00	USD \$61.26	USD \$145.32
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2024: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$14,795.00	USD \$4,145.00	USD \$1,035.00	USD \$155.00	USD \$61.26	USD \$145.32

Non-Active Use Rates

	Hourly
Standby Rate	USD \$44.55
Idling Rate	USD \$108.29

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	30%	USD \$4,438.50/mo
Overhaul (ownership)	47%	USD \$6,953.65/mo
CFC (ownership)	13%	USD \$1,923.35/mo
Indirect (ownership)	10%	USD \$1,479.50/mo
Fuel (operating) @ USD 4.03	39.55%	USD \$24.23/hr

Revised Date: 2nd quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

Rental Rate Blue Book®
Miscellaneous MSR-84H
 Crawler Tractor Multi-Shank Rippers

 Size Class:
To 260 hp
 Weight:
1044 lbs

Configuration for MSR-84H

Horsepower	84.0 hp	Number Of Shanks	3.0
Ripper Type	Radial	Power Mode	Hydraulic

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$560.00	USD \$155.00	USD \$39.00	USD \$6.00	USD \$2.42	USD \$5.60
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2024: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$560.00	USD \$155.00	USD \$39.00	USD \$6.00	USD \$2.42	USD \$5.60

Non-Active Use Rates

	Hourly
Standby Rate	USD \$2.32
Idling Rate	USD \$3.18

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	51%	USD \$285.60/mo
Overhaul (ownership)	27%	USD \$151.20/mo
CFC (ownership)	10%	USD \$56.00/mo
Indirect (ownership)	12%	USD \$67.20/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for Bronson Barson (bbarson@fisherind.com)

Task 2 - Equipment Watch - Rate for Truck with Trailer

DATE: 11/12/2024

TASK: Miscellaneous Trash Removal – 1 pickup truck with trailer

UNITS: 1 load

QUANT	1 load	0.5 days (4 hours)	TOTAL
Truck		\$14/hour	\$196
Estimated operating costs		\$25.83/hr	\$103.32
Trailer		\$34/hour	\$136
Estimated operating costs		\$7.52/hour	\$30.08
Total O & O cost			\$465.40

Labor from Davis Bacon rates – Mohave County ADOT job

4	hrs	Base rate	\$17.26 per hour	\$ 69.04
4	hrs	Fringes	\$2.65 per hour	\$ 10.60
0	hrs	No O/T expected		

Trash disposal fee (Yuma County landfill): 1 load \$25

Duration 0.5 days
Task Total \$ 570.04

Price per acre for total 1 load \$570.04