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# RECLAMATION AND CLOSURE PLAN

DESERT CONSTRUCTION, INC.

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## MEADOW CREEK 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

SUBMITTED BY:  
DESERT CONSTRUCTION, INC.  
4490 E. HIGHWAY 66  
KINGMAN, ARIZONA 86401  
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OCTOBER 17, 2023

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The below listed documents have been completed for the Meadow Creek Material Source Pit:

Biological Evaluation  
Archaeological Survey  
Hazardous Materials Survey  
Mohave County Floodplain Use Permit

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## **1.0 ADMINISTRATIVE INFORMATION**

Company: Desert Construction, Inc.  
4490 E. Highway 66  
Kingman, Arizona 86401

Contact: Tom Fulton, Environmental Manager, Desert Construction, Inc.  
4490 E. Highway 66, Kingman, AZ 86401  
FAX: 928-757-8544  
Business Phone: 928-715-1247  
Email Address: tomfulton@Desertconstruction.net

Applicant: Same as Above

Permit Same as Above  
Technical  
Consultant:

Landowner: Desert Construction, Inc.

Owner  
Operator of Operation: Same as Above

## **2.0 INTRODUCTION**

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### **2.1 PURPOSE AND SCOPE**

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Desert Construction, Inc. is the Owner of a sand and gravel mining and processing site located in the SW ¼ of Section 17, Township 19 North, Range 18 West, G&SRB&M, in Mohave County Arizona, near the Town of Kingman. (See Map 1A and 1B Vicinity Locator) Desert Construction, Inc. owns 80 acres at this site, portions of the site have been previously disturbed by some sand & gravel mining and processing. The site is located approximately 13 miles south of Kingman. From the Town of Kingman go south on I-40 for approximately 11.75 mile, then exit at MP 37 Griffith Rd., go west on Griffith Rd. which turns into Yucca Rd. for 3.5 Miles. Then travel south on Sacramento Road for 1 mile, then go West on Sonoita Dr.. for 1.5 miles to the site. After review of the site conditions it is estimated that there is still approximately 2,700,000 mine-able tons of reserves at this location. Excavation at the site is expected be mined to an approximate depth of 25 feet. It is expected that this site will be utilized intermittently depending on the need for aggregates in the nearby area. This site would not be available for reclamation until the reserves are exhausted. Activities which may occur on the property include aggregate mining, crushing, screening, conveying and stockpiling. Associated activities include asphalt mixing, concrete production, truck loading, employee parking, above ground fuel storage and pumps and equipment/vehicle maintenance. An office/scale house building may also be located intermittently at the site. A perimeter berm with an

appropriate height and security fencing surrounds the site. The purpose of this berm is to control access and to prevent storm water runoff from the site.

The purpose of this Mine Reclamation and Closure Plan (MRCP) is to present the details of rehabilitation on the Meadow Creek Material Source site near Kingman, Mohave County, Arizona concurrent with or after proposed 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.) to account for all requirements associated with an environmental assessment and the mining operation MRCP submitted to the State Mine Inspector. Consequently, the MRCP addresses environmental, technical and operational issues that are identified in those documents.

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## **2.2 RECLAMATION APPROACH**

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Desert Construction, Inc. will reclaim excavation areas, lands surrounding the pit, and remove above grade structures, that had taken place on the property for mining operations. Reclamation will take place after the mining facility has ceased operation. Concurrent or ongoing reclamation is not feasible, or necessary, for this type of aggregate operation.

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## **2.3 CURRENT OWNERSHIP AND LAND USE INCLUDED IN THE AGGREGATE MINING UNIT**

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Desert Construction, Inc. owns an 80 Acre site located in the SW ¼ of Section 17, Township 19North, Range 18 West G&SRB&M, in Mohave County Arizona, near the Town of Kingman. The site is located approximately 13 miles south of Kingman. From the Town of Kingman go south on I-40 for approximately 11.75 mile, then exit at MP 37 Griffith Rd., go west on Griffith Rd. which turns into Yucca Rd. for 3.5 Miles. Then travel south on Sacramento Road for 1 mile, then go West on Sonoita Dr. for 1.5 miles to the site. (See Map 1A and 1B Vicinity Locator)

When the site is active An Arizona Pollutant Discharge Elimination System Notice of Intent (AZPDES NOI) will be filed and a Stormwater Pollution Prevention Plan (SWPPP) completed for the site. Desert Construction, Inc. has Arizona Department of Environmental Quality (ADEQ) air quality permits for its portable equipment. Desert Construction, Inc. has a current and valid contractor's license. Mining and processing operations at the site will be performed in accordance with environmental laws.

The area receives about 8 inches of rainfall annually, with maximum temperatures at 105 degrees (F) during the summer months and the average lows in the 30s during December. The visual setting of the surrounding area is one of sparsely vegetated land adjacent to a dry wash in an area of low lying hills and generally characterized by Mohave Desertscrub vegetation community. The project site has been previously excavated in some areas with dirt berms, gravel piles, grading and a gravel processing area. The project site lies just west of the confluence of Meadow Creek, Secret Pass Wash and the Sacramento Wash. Elevations within the project site range from 2,200 feet (ft) above mean sea level (msl) on the west side to approximately 2,160 feet (ft) msl on the east side. Meadow

Creek runs through the southern portion of the project site. The site occurs within the Sacramento Valley, with the Black Mountains to the west and Warm Springs Wilderness to the west and south. Federal land managed by the U.S. Bureau of Land Management occurs to the south and west with private land to the north and east.

No riparian vegetation exists within the property area. This disturbed property is surrounded by native Desert as described above. There are no Fish and Wildlife habitats located within the area of operations.

See Map 1 Existing and Proposed Future Topography and Table 1 Areas of Disturbance

Desert Construction, Inc. is not currently conducting operations at the site but area demands for sand and gravel, concrete and hot mix asphalt are constantly changing and activity at the site will be sporadic. The approximate area of current and future disturbance as outlined in Table 1 is approximately 67 acres. The entire site 67 acres; may be disturbed or mined over a 15-year period. The extraction/processing operation will consist of removing earthen material for aggregate mining as described in A.R.S. § 27-441. The process includes the use of crushers, screens, conveyors, mobile equipment for the support of production, asphalt plants, concrete plant and other construction material related operations. Initial start up at this site is estimated to be Mid January 2024.

Desert Construction, Inc. estimates the material remaining at the site at 2,700,000 tons. During operations material is stockpiled on the property for asphaltic concrete or concrete production. Other activities include loading/hauling materials. Water for processing is obtained from a nearby well and hauled to the site. Imported water may be utilized for material washing. Air classifiers may be utilized to clean material. Haul roads within the plant perimeter change often as the mining advances. Parking lots may also change location as needed. Further, equipment will move as mining advances.

There is no permanent power at the site, all equipment is powered by generators. On site fuel storage will be necessary to accommodate heavy equipment.

There is no permanent infrastructure at the site, plant offices/scale house, parts/storage vans, are moved in and out when necessary. Security fencing and signage may be placed around the site along with berming to provide safety compliance.

See Figure 1 Current and Projected Equipment List

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## 2.4 PROPOSED POSTAGGREGATE MINING LAND USE

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The site will be returned to a natural desert setting which corresponds with nearby surroundings. Based on the pre-mining vegetative condition, past growing experience and lack of water at this site seeding will not be provided. The processing area will be graded and leveled, all stockpiles will be utilized within the construction materials produced or removed from the site which should be adequate measures to return the site to a natural desert setting.

The excavation area will be mined to an approximate 25' depth. This area will be left with 3:1 side slopes.

There are no Fish and Wildlife habitats located within the area of operations, so no future Wildlife or Fish habitats are proposed.

The proposed post mining land use and reclamation measures are in compliance with A.R.S. 27-1271-B.4, R11-3-501-A and R11-3-503.

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## 2.5 DESCRIPTION OF THE AGGREGATE MINING UNIT CURRENT AS WELL AS PROPOSED SURFACE DISTURBANCES

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See Section 2.3, 2.6 and 2.8

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## 2.6 EXISTING AND PROPOSED FINAL TOPOGRAPHY INCLUDING WASTE ROCK, STOCKPILES AND FINES AREAS

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See Map 1 Existing and Proposed Future Topography.

The topography of the mining and processing area is primarily flat terrain (2,200 to 2,160' msl elevation) as well as the remaining portion of the site. The processing area will be graded and leveled, all stockpiles will be utilized within the construction materials produced or removed from the site. The excavation area will be mined to an approximate 25 foot depth. This area will be left with 3:1 side slopes.

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## 2.7 A NARRATIVE DESCRIPTION OF ROADS

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There will be access roads from the pit to the processing areas and from the entrance to all of the offices, labs, staging areas, scale house, and equipment repair location. Haul roads within the plant perimeter change often as the mining advances. Parking lots may also change location as needed. (See Map 2 Site Plan Showing Natural and Man Made Features)

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## 2.8 ACREAGE EFFECTED BY EACH TYPE OF SURFACE DISTURBANCE

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<b>Table 1 Areas of Disturbance</b>	
<b>Area Description</b>	<b>Area in Acres</b>
Aggregate Mine Open Pit	Approximately 45
Roads	Approximately 2
Un-mineable or Undisturbed Area	Approximately 7
Process Areas	Approximately 5

## **ACREAGE AFFECTED:**

### **2.8.1 Aggregate Mine Open Pit**

The pit area is located within the central portion of the property. Excavation at the site is anticipated to reach a dept of 25'. Side slopes will be left at 3:1. The excavation setback distance from property lines will vary (see maps) The site will be mined using scrapers and dozers. Mined material is loaded into a material feeder and then conveyed to the processing area.

### **2.8.2 Roads**

There will be access roads from the pit to the processing areas and from the entrance to all of the offices, labs, staging areas, scale house, and equipment servicing areas. Haul roads within the plant perimeter change often as the mining advances. Parking lots may also change location as needed. (See Map 2 Site Plan Showing Natural and Man Made Features)

### **2.8.3 Un-mineable or Undisturbed Areas**

Most all areas of the site will be mined or utilized for processing or haul roads. There will be some set-back areas left undisturbed.

### **2.8.4 Process Facilities**

Activities which may occur on the property include aggregate mining, crushing, screening, conveying and stockpiling. Associated activities include asphalt mixing, concrete mixing truck loading, employee parking, above ground fuel storage/pumps and equipment/vehicle maintenance. An office/scale house building maybe located at the site. See Figure 1 Current and Projected Equipment List

## **3.0 RECLAMATION**

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### **3.1 THE PROPOSED RECLAMATION MEASURES TO ACHIEVE POST MINE LAND USE AND PUBLIC SAFETY**

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#### **A. What measures will restrict public access to pits or other hazardous surface features?**

No structures will remain on site; security fencing and signage may be placed around most of the site along with berming to provide safety compliance. Further, 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?**

The pit area will act as a stormwater collection basin which will collect runoff and sediment. Roads within the mining area will be ripped to aid in natural revegetation. Processing areas and roads within the processing area will be ripped to aid in natural revegetation. Site specific grading shall be conducted, as necessary, to address erosion, no permanent piles of mined material or overburden will be left to restrict drainage.



Precipitation occurring in the pit will be confined within, where it will percolate or evaporate and any erosion or sedimentation will be confined to the pit. The ground surface at the processing plant will be left primarily unchanged. The existing ground surface slopes at a fairly uniform rate of plus or minus two percent ( $\pm 2\%$ ) except in the mining area which is topographically positive. By essentially maintaining the existing ground surface no significant change in drainage patterns or velocities will occur. As such, there will not be an increase in erosion or sedimentation effects to adjacent property which can be identified.

Some portions of the processing area are within the limits of a dry wash. Precipitation falling in the pit will be contained where the water will either percolate or evaporate without creating surface runoff. The design and development of the processing area will not create significant drainage flow changes.

Because of the relatively flat nature of the site, it will not require significant grading of the processing and storage area or the access road. Reclamation will include minor leveling or contour of these areas to return them to as near their pre-project condition as feasible. It is concluded that post-project drainage patterns and volumes will remain essentially the same and pose no threat to adjacent property from increased runoff, sedimentation, stream bed stability or steam flow. Precipitation falling within the pit will be confined therein avoiding surface runoff. The storage of petroleum products, used to power the vehicles and to manufacture asphalt, will be located above drainage flows.

- C. What measures will be taken to address revegetation, conservation, and the care and monitoring of revegetated areas?

Pre-mining condition of the pit area had very limited vegetation, no revegetation will be necessary for the anticipated natural desert post mining use. No benefit would be achieved by applying seeding to pit sides. The final contours and topography will take into account current storm water management plans (precipitation occurring in the pit will be confined within, where it will percolate or evaporate and any erosion or sedimentation will be confined to the pit) and which include all natural drainage channels in order to maintain flood and erosion control. 8 inches or less of annual rainfall is not optimum conditions for revegetation. Seeding of the area would require hauling water for irrigation from a distant location which is not economically feasible.

- D. Proposed post-aggregate mining land use will be consistent with surrounding land uses.

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### 3.2 EQUIPMENT AND STRUCTURE REMOVAL

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All equipment used for the mining and processing operation (i.e.: crusher, conveyor belts, and asphalt mix plants) are not currently active at the site. No permanent buildings or structures are located on the property. Areas that have been altered during the mining operation will be subject to remediation. Small portions of the property which have been subject to activities such as vehicle maintenance will be reclaimed accordingly.

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### **3.3 SITE INFRASTRUCTURE**

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Any roads that were constructed exclusively for mining operations at this site will be removed. This does not include existing roadways utilized by the public outside of the property area. If necessary, roads will be ripped, plowed and scarified. No revegetation would be needed for proposed post-mining land uses.

No power lines or water lines were installed on the property.

There are no wells at the site.

Fences installed on the property to maintain public safety will remain in place.

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### **3.4 AREA PREPARATION**

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Due to the lack of pre-mining vegetation no topsoil amendment would be necessary to return the area to pre-mining conditions. Some grading may take place in order to create contoured slopes around the edges of the pit. The bottom of the pit will be left level and no grading, re-contouring or irregular formations will take place.

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### **3.5 SITE STABILITY**

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Pit side slopes will be sloped at a 3:1 which is considered very safe for sand & gravel operations. Regrading may be necessary to maintain the integrity of the processing area otherwise, no other physical stabilization will be necessary. Slopes will meet the required safety specifications. 8 inches or less of annual rainfall does not contribute to problems with erosion and is not optimum conditions for revegetation. Seeding of the area would require hauling water for irrigation from a distant location which is not economically feasible.

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### **3.6 SOIL CONSERVATION**

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Mining at this site was active more than 10 years ago, no topsoil conservation was done, all materials were utilized for construction materials. Proposed native desert post land use of the processing area will not require topsoil application or revegetation.

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### **3.7 REVEGETATION**

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Native desert post land use of the processing area will not require topsoil application or revegetation. 8 inches or less of annual rainfall does not contribute to problems with erosion nor is it optimum conditions for revegetation. Seeding of the area would require hauling water for irrigation from a distant location which is not economically feasible.

Pre-mining condition of the pit area had very limited vegetation, no revegetation will be necessary to return site to pre-mining conditions. No benefit would be achieved by applying

seeding to pit sides. This would be consistent with the approved postaggregate mining land use as identified in Section 2.4.

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### **3.8 TIMELINE**

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Reclamation will begin when mining has been completed at the entire site. Reclamation of the mining activity shall be designed to minimize hazards to public safety to the extent technically and economically practicable by measures which include sloping and berming. Tentative Dates: Start Surface Disturbance 2-1-24, End Surface Disturbance 2-1-39, Start Reclamation 2-1-39, End Reclamation 2-1-40. Listed dates are subject to on-going market conditions and on-site reserves.

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### **3.9 PHASING OF RECLAMATION**

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Reclamation will begin when mining has been completed at the entire site.

### **4.0 MINE CLOSURE**

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### **4.1 MINING AREAS**

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In accordance with A.R.S. § 27-926 reclamation will commence within 12 months upon closure of mining operations. Once initiated, reclamation will be performed as stated in the approved plan.

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### **4.2 PROCESSING AND OTHER AREAS**

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Reclamation on the processing and related areas will commence immediately upon completion of mining operations. There will be no substantial period between operation and reclamation.

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### **4.3 MONITORING**

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The closure of operations at this site will be monitored per the approved conditions of this plan and in accordance with the Arizona State Mine Inspector's Office.

Post closure monitoring documentation including photos will be submitted to ASMI on an annual basis to provide verification of reclamation success until ASMI releases financial security.

## **5.0 RECLAMATION COSTS AND FINANCIAL ASSURANCE**

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### **5.1 RECLAMATION COSTS**

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All reclamation costs will be wholly born by the applicant to remove unsuitable materials, stabilize topography, level stockpiles (if any) and perform site preparation.

Reclamation costs have been compiled utilizing the worksheet provided with the ASMI Guidance Documents. The Cost Estimate Sheet has been revised to include 2023 equipment, labor and materials rates. Information used to calculate the reclamation costs were current equipment rental rates from several equipment rental companies for equipment associated with Discing, Regarding/Ripping, trash disposal truck and miscellaneous leveling. Rip rap material will be obtained on site and an in-house material cost was used. Desert Construction Inc. has compiled the Cost Estimate Sheet based on 20+ years of construction experience in the sand & gravel mining industry.

See Table 2 Cost Summaries

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### **5.2 FINANCIAL ASSURANCE**

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See Figure 2 Company Proof of Financial Assurance

6.0 RECLAMATION STATEMENT OF RESPONSIBILITY

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Desert Construction, Inc. 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. Reclaimed areas that have been disturbed at the site will be reclaimed to a safe and stable condition when mine operations conclude.



Tom Fulton, Environmental Manager

Date: 10-17-23

## **7.0 REFERENCES**

The below listed documents have been completed for the Meadow Creek Material Source Pit:

Biological Evaluation  
Archaeological Survey  
Mohave County Floodplain Permit

## **8.0 LIST OF TABLES**

Table 1 Areas of Disturbance  
Table 2 Cost Summaries

## **9.0 LIST OF FIGURES/MAPS**

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Figure 2 Company Proof of Financial Assurance

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Map 1B Vicinity Locator  
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Map 2 Site Plan Showing Natural and Man Made Features  
Map 3 Site Boundaries  
Map 4 Land Use Proposed and Post Mining

Figure 1.

**Equipment Anticipated to be on Site at Various Times  
Throughout the Life of the Operation**

Cone Crushers x 2  
7X20 Screen  
6X20 Screens x 2  
Air Classifiers x 2  
Generators  
Various Stackers  
Various Conveyors  
Hot Mix Plant with ancillary equipment  
Asphalt Rubber Mixing Plant w/generator  
Concrete Mixing Plant and ancillary equipment  
Loader feeding Hot Mix Plant  
Loaders for excavation  
Water Trucks for Dust Control  
Mined Material Haul Trucks  
Concrete Mixing Trucks  
Material Leaving the Site Haul Trucks  
Fuel Tanks  
Hot Oil Tanks  
Pickup Trucks for Managers and Maintenance Personnel  
Light Towers  
Scale House

Figure 1.

**Equipment Anticipated to be on Site at Various Times  
Throughout the Life of the Operation**

Cone Crushers x 2  
7X20 Screen  
6X20 Screens x 2  
Air Classifiers x 2  
Generators  
Various Stackers  
Various Conveyors  
Hot Mix Plant with ancillary equipment  
Asphalt Rubber Mixing Plant w/generator  
Concrete Mixing Plant and ancillary equipment  
Loader feeding Hot Mix Plant  
Loaders for excavation  
Water Trucks for Dust Control  
Mined Material Haul Trucks  
Concrete Mixing Trucks  
Material Leaving the Site Haul Trucks  
Fuel Tanks  
Hot Oil Tanks  
Pickup Trucks for Managers and Maintenance Personnel  
Light Towers  
Scale House



October 17, 2023

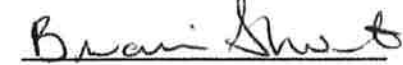
Mr. Paul D. Marsh  
Arizona State Mine Inspector  
Suite 400R  
1700 W. Washington  
Phoenix, AZ 85007-2805

Re: Meadow Creek Material Source Pit Mining Reclamation Plan Submittal

Dear Mr. Hart:

As Desert Construction, Inc. Chief Financial Officer, I hereby state that (1) Desert Construction, Inc. has made financing commitments as necessary (a reclamation bond will be submitted in the required amount once the Reclamation Plan costs have been approved) to conduct current operations and to meet closure and post-closure costs at the Meadow Creek Material Source Pit; and (2) Desert Construction, Inc. has not filed for bankruptcy under any provisions of the United States Bankruptcy Court.

Sincerely,  
Desert Construction, Inc.



Brian Short Owner

Table 2

**Reclamation Cost Estimation**

Material Source: Meadow Creek 67 Acre Site Near Yucca, Arizona, Mohave County

Excavation Area: 45 Acres, 25 feet deep, excavation area limits will be sloped to a 3:1 contour. No further reclamation will be required on slopes

Processing and stockpile area: Approximately 5 acres, location for processing area will vary depending on production.

Roads in the excavation area: Appx. 2 acres, Roads in excavation area will be reclaimed, Access security roads will remain per the landowner.

Concrete pads or infrastructure at the site: There are no concrete pads or infrastructure at the site, no removals will be needed.

Security berms or fencing: Security berms will be left in place, There will be about 15 acres of unusable area

Power or Water infrastructure: There are no power or water improvements at the site.

**Proposed Reclamation Cost Estimation Summary - WorkSheet**

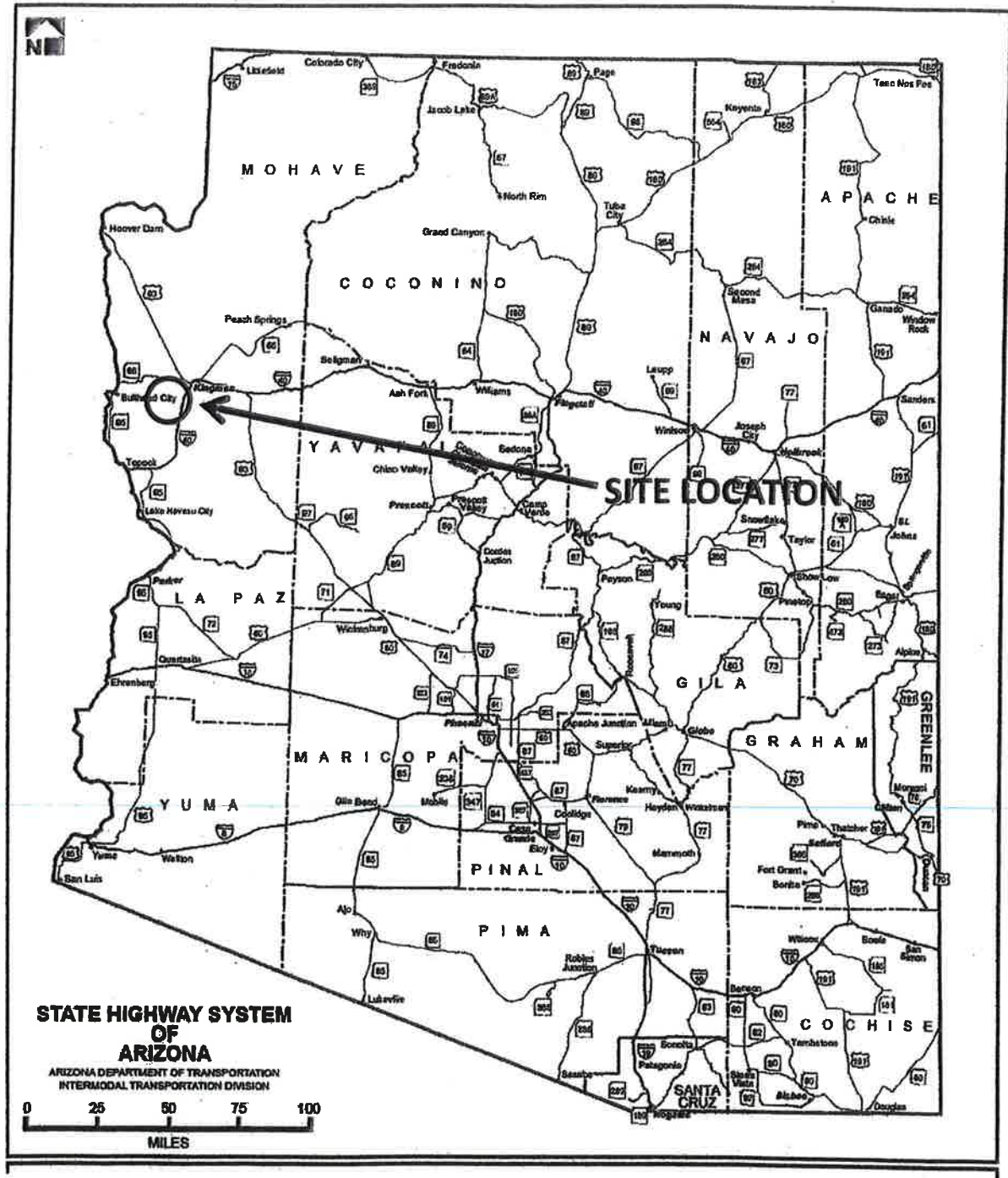
Reclamation Item	Units	Description	Suggested Cost	Number of Units	Reclamation Cost
<b>Pit Walls and Floor</b>					
	Cu. Yd.	Re-Grading and Topsoiling Costs	0.53	-	\$ -
	Acre	Revegetation Cost (Disc)	728.40	45	\$ 32,800
	Acre	Revegetation Cost (Hydro-seed)	1,410.00	-	\$ -
	Each	Containerized Trees and Shrubs	12.00	-	\$ -
<b>Processing and Stockpile Area</b>					
	Acre	Re-Grading and leveling	728.40	-	\$ -
	Acre	Revegetation Cost (Disc)	728.40	5	\$ 3,600
	Acre	Revegetation Cost (Hydro-seed)	1,410.00	-	\$ -
	Each	Containerized Trees and Shrubs	12.00	-	\$ -
<b>Roads (Access)</b>					
(Roads with Side Slope < 30%)	Linear Ft.	Re-Grading and Topsoiling Costs	2.04	-	\$ -
(Roads with Side Slope >30%)	Linear Ft.	Re-Grading and Topsoiling Costs	3.12	-	\$ -
	Acre	Regrading - Ripping	728.40	0.5	\$ 400
	Acre	Revegetation Cost (Hydro-seed)	1,410.00	-	\$ -
<b>Structures</b>					
(Break-up and bury Slab)	Sq. Ft.	Demolition & Removal - Metal Building	4.08	-	\$ -
(Break-up and bury Slab)	Sq. Ft.	Demolition & Removal - Masonry Block Building	4.20	-	\$ -
(Break-up and bury Slab)	Sq. Ft.	Demolition & Removal - Concrete Building	19.03	-	\$ -
	Linear Mile	Powerline Removal (Single Pole Utility)	12,000.00	-	\$ -
	each	Transformer Removal	6,000.00	-	\$ -
	Linear Ft.	Demolition - Chain Link Fencing	4.16	-	\$ -
	Linear Ft.	Demolition - Barb Wire Fencing (3 strand)	2.33	-	\$ -
	Linear Ft.	Removal - 15" Culvert	12.35	-	\$ -
	Linear Ft.	Removal - 36" Culvert	20.58	-	\$ -
(Break-up and remove)	Sq. Ft.	Demolition - Concrete Pads/Roads 12" Thickness	8.14	-	\$ -
<b>Construction</b>					
	Linear Ft.	Construction - Barb Wire Fencing (3 strand)	2.26	-	\$ -
	Sq. Yard	Install Rip Rap Erosion Lining	28.50	83	\$ 2,400
<b>Material Haulage for Backfill</b>					
Miscellaneous Leveling	Cu. Yard	Truck and Loader - 2000Ft. One Way	1.24	5,000	\$ 6,200
	Cu. Yard	Dozer and Scraper - 1000Ft. One Way	0.86	-	\$ -
<b>Care and Maintenance</b>					
	Ton	Trash Disposal	72.00	5	\$ 400
	Annual	Site Monitor and Reporting	2,400.00	1	\$ 2,400

**Estimated Reclamation Operating and Material (O&M) Cost Sub-Total = \$ 48,200**

<b>Administrative Costs</b>					
% of O&M Cost		Contingency	10%		\$ 4,800
% of O&M Cost		General Mobilization / De-Mobilization	4%		\$ 1,900
% of O&M Cost		Indirect costs	2%		\$ 1,000
% of O&M Cost		Contractor Profit	10%		\$ 4,800
% of O&M Cost		Contract Administration	10%		\$ 4,800

**Total Estimated Financial Assurance Amount = \$ 65,500**

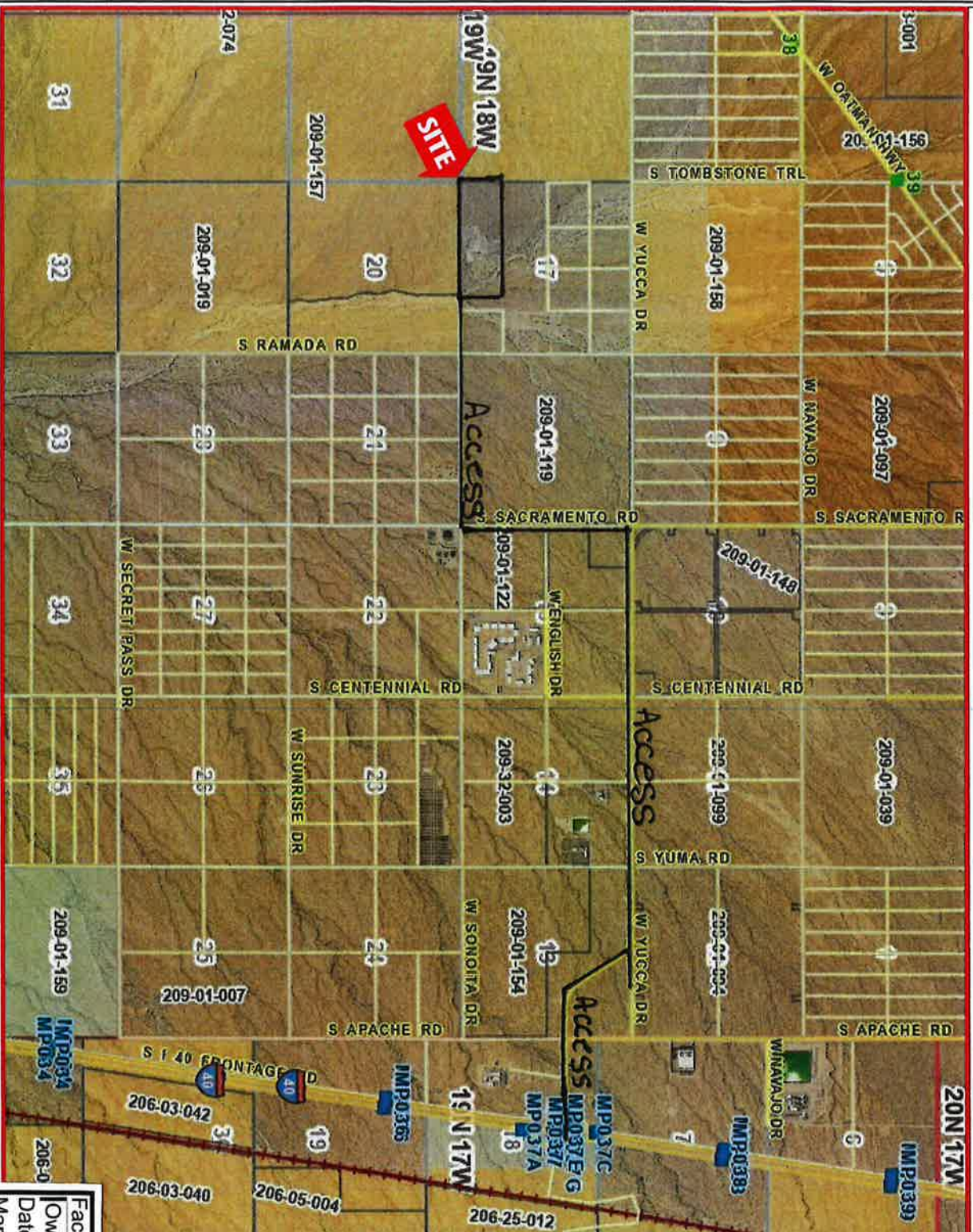
NOTE: Information used to calculate the reclamation costs were current equipment rental rates from several equipment rental companies for equipment associated with Discing, Regrading/Ripping, trash disposal truck and miscellaneous leveling. Rip rap material will be obtained on site and an in-house material cost was used. Desert Construction Inc. has compiled the Cost Estimate Sheet based on 20+ years of construction experience in the sand & gravel mining industry.



Facility: Meadow Creek Material Source  
 Owner: Desert Construction, Inc.  
 Date: 09/22/23  
 Map Name: 1A Vicinity Locator  
 Scale: 1" = 50 feet




# Meadow Creek Material Source



**Legend**

- ADOT Mileposts
- COUNTY Mileposts
- Sign Post Exists
- Calculated Measure
- Highways
- Main Arterials
- Collectors
- Local
- Railroad
- City Limits (<1:120K)
- City Limits (>1:120K)
- County Boundary
- Surrounding Counties
- Township/Range
- Section
- Surface Management
  - Bureau of Land Management
  - Bureau of Reclamation
  - County
  - Indian Lands
  - Local or State Parks
  - Military
  - National Parks Service
  - Other
  - Private
  - State
  - State Wildlife Area
- IIR Escrow Standard

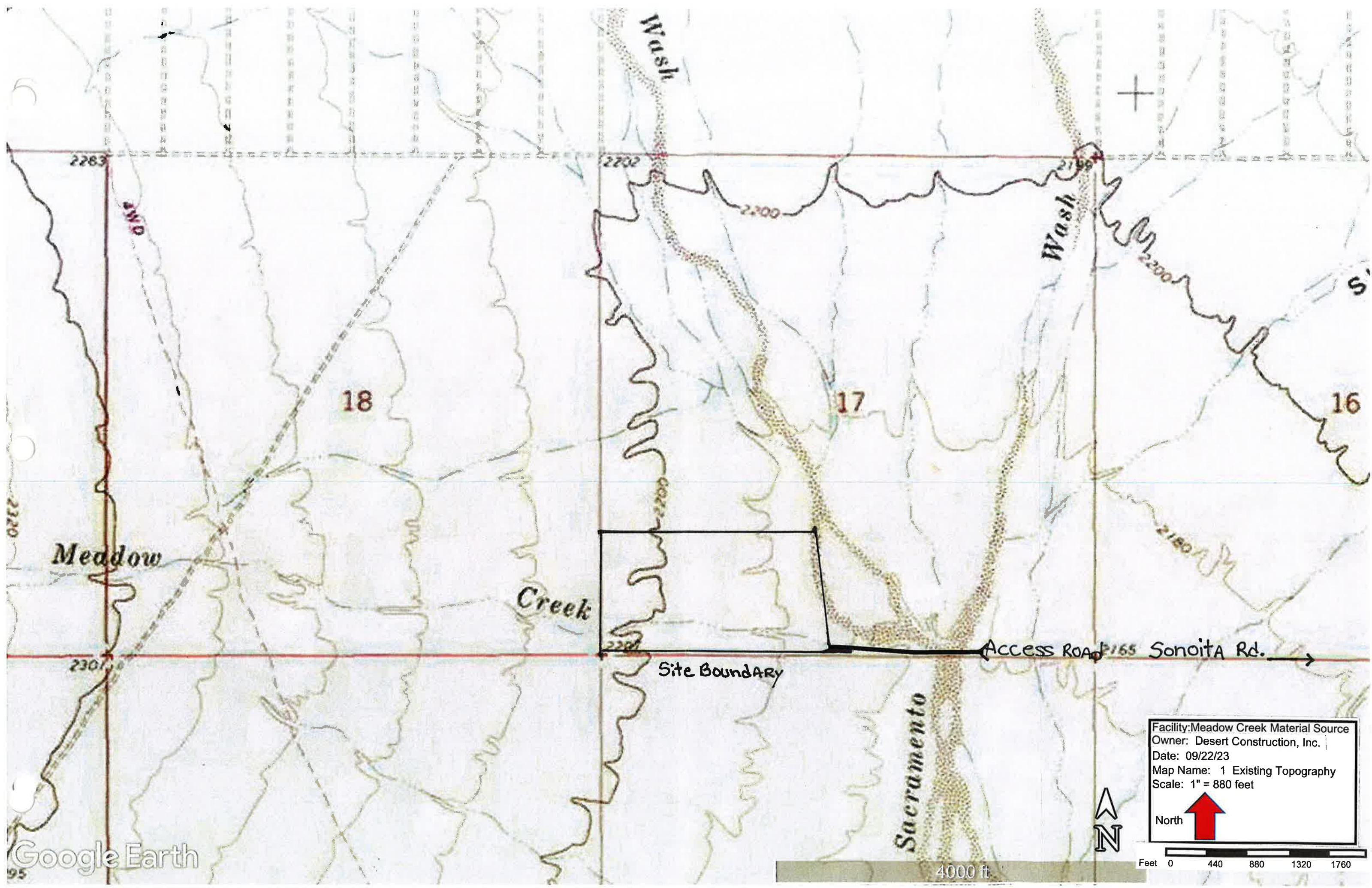
**Facility:** Meadow Creek Material Source  
**Owner:** Desert Construction, Inc.  
**Date:** 09/22/23  
**Map Name:** 1B Vicinity Locator  
**Scale:** 1" = 4625 feet


  
 North

0 5,539.5 11,079.1 Feet  
 (approximate scale)  
 Map Created: 9/20/2023  
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Feet 0 2312 4625 6937 9249



2283

2202

2200

2200

2150

18

17

16

Meadow

Creek

Site Boundary

Access Road 2165 Sonoma Rd.

Sacramento

Facility: Meadow Creek Material Source  
Owner: Desert Construction, Inc.  
Date: 09/22/23  
Map Name: 1 Existing Topography  
Scale: 1" = 880 feet

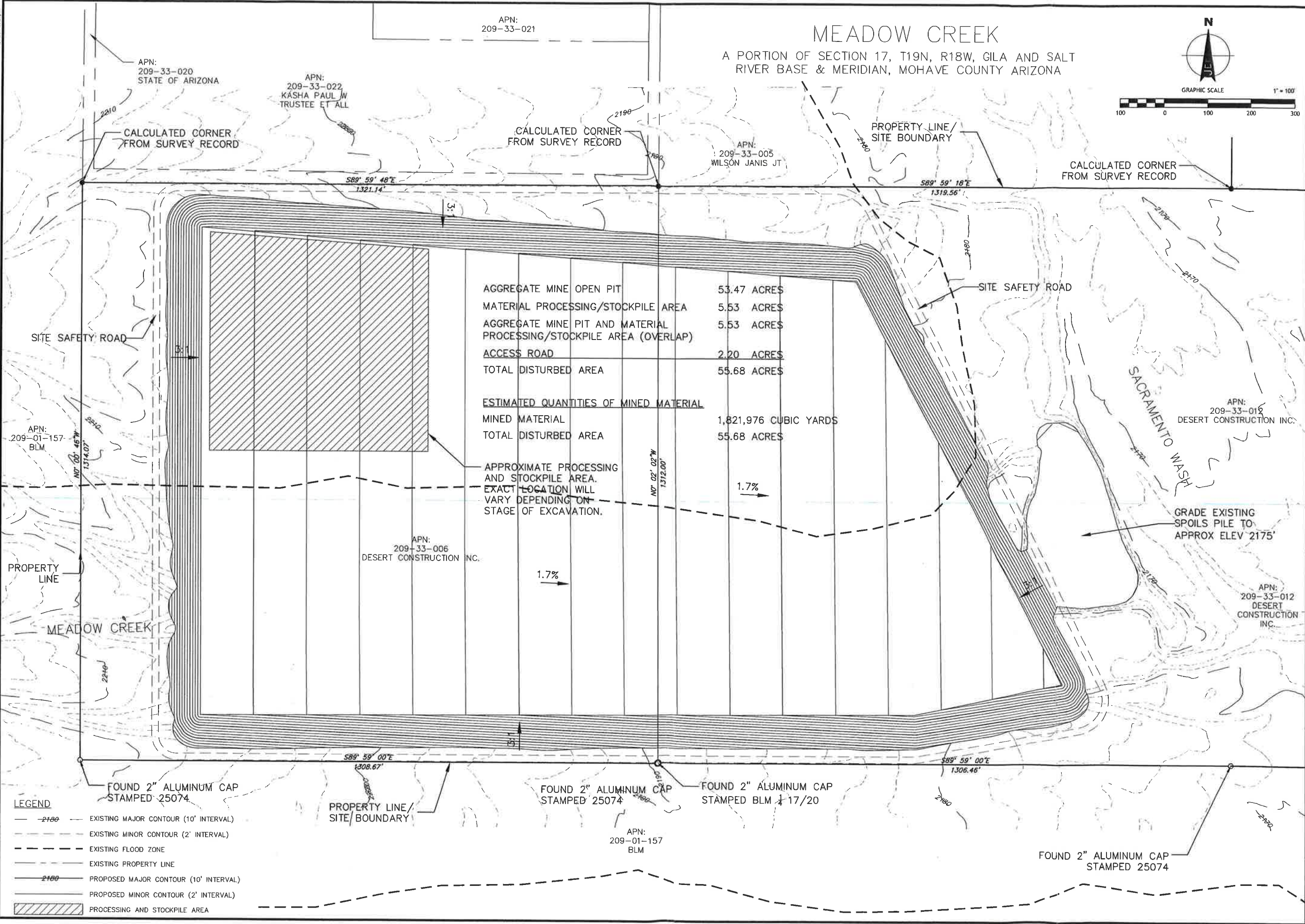


Google Earth

4000 ft

PLOTTED: Oct 03, 2023 - 3:21pm

FILE: X:\projects\Consult\Final\MeadowWash\CAO\P4148.01\_P\_SITE\_2.dwg <CC3D\_Imported>



**LEGEND**

- 2100- EXISTING MAJOR CONTOUR (10' INTERVAL)
- 2200- EXISTING MINOR CONTOUR (2' INTERVAL)
- - - EXISTING FLOOD ZONE
- - - EXISTING PROPERTY LINE
- 2100- PROPOSED MAJOR CONTOUR (10' INTERVAL)
- 2200- PROPOSED MINOR CONTOUR (2' INTERVAL)
- ▨ PROCESSING AND STOCKPILE AREA

REVISION

DATE

DESCRIPTION

Facility: Meadow Creek Material Source  
Owner: Desert Construction, Inc.  
Map Name: 1 Proposed Future Topography

8400 S. KYRENE RD  
SUITE 207  
MESA, AZ 85204  
TEL: 480-755-9214  
WEB: WWW.JEFULLER.COM

**JEFULLER**

APPROVED FOR CONSTRUCTION BY  
ROBERT D. LYONS  
DATE: 10/3/2023

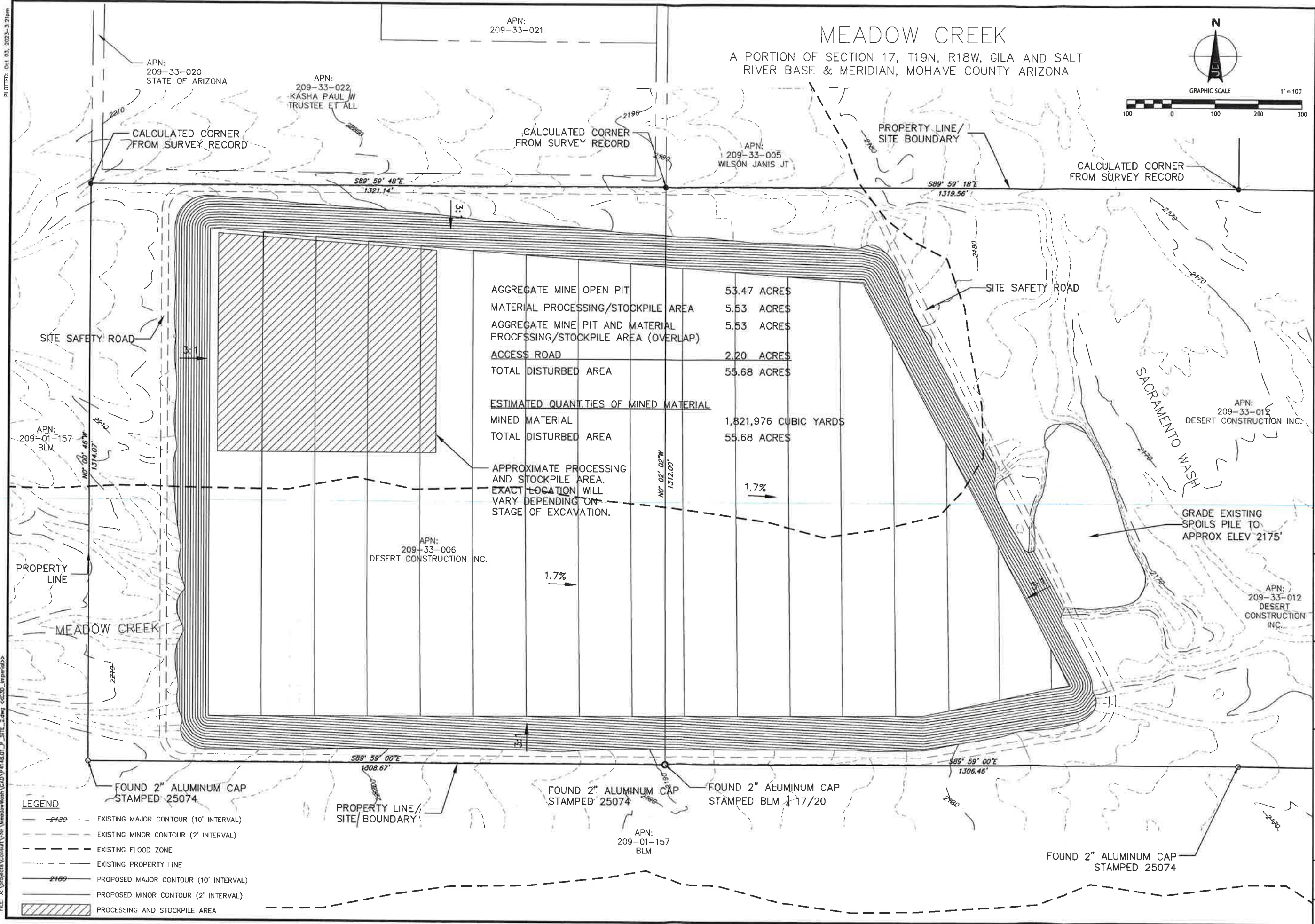
APN: 209-33-012  
DESERT CONSTRUCTION INC.

JOB NO: P4148.01  
DATE: 10/3/2023  
SCALE: 1" = 100'  
DRAWN: CRF  
DESIGN: ROL  
CHECKED: ROL

**MEADOW CREEK  
PROPOSED FINAL  
TOPOGRAPHY**

DRAWING NO.  
**FG**

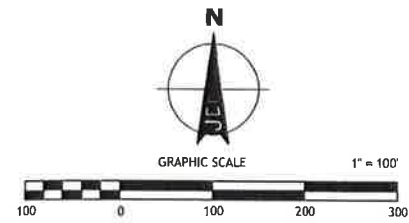
SHEET NO. OF  
2 3



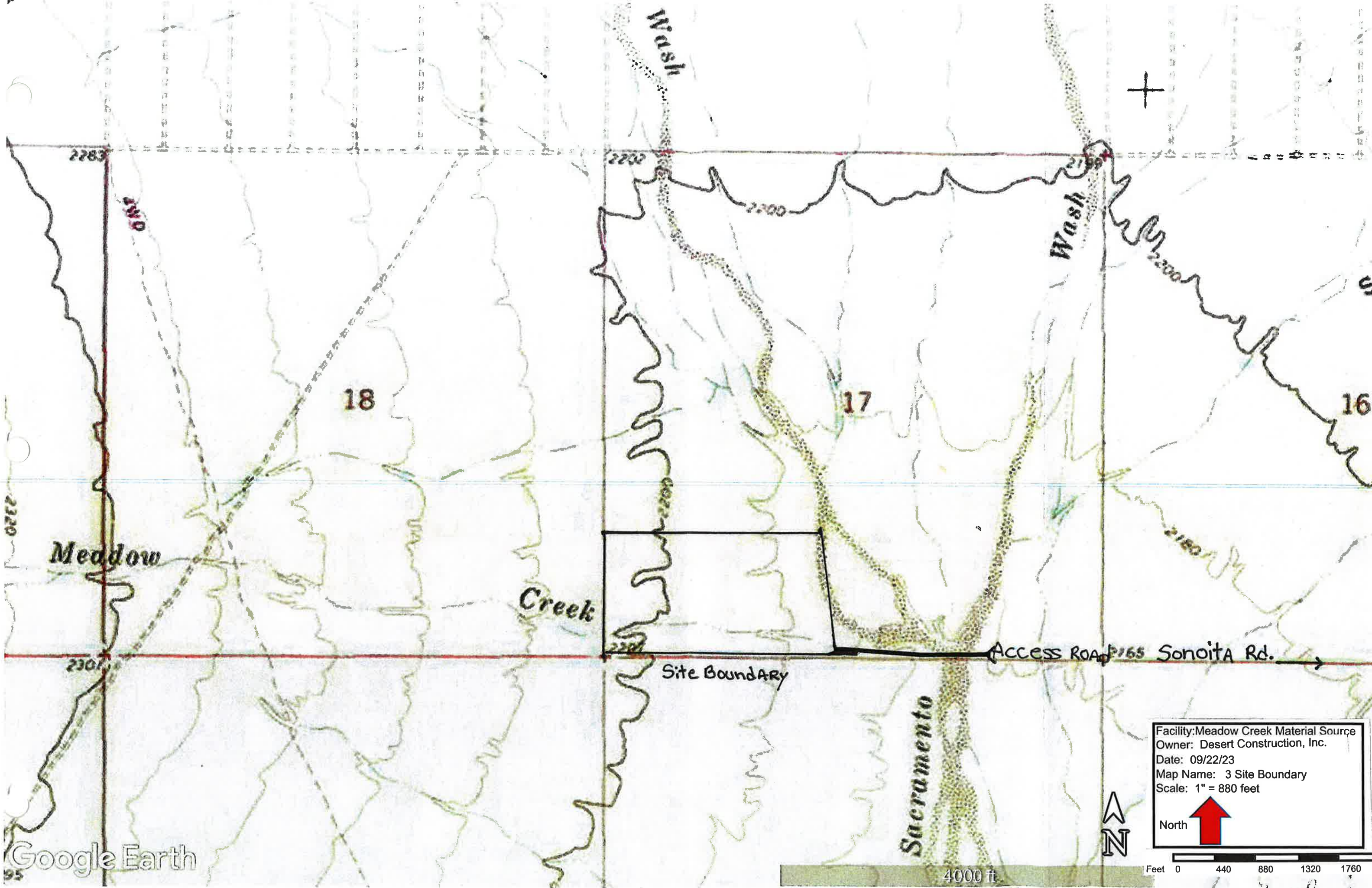
PLOTTED: Oct 03, 2003 - 3:21pm  
 FILE: X:\projects\consult\NF\MeadowWash\CAD\148.01\_P\_SITE\_2.dwg <cc:00\_inperial>

# MEADOW CREEK

A PORTION OF SECTION 17, T19N, R18W, G1A AND SALT RIVER BASE & MERIDIAN, MOHAVE COUNTY ARIZONA



DATE	
REVISION	
<b>Facility: Meadow Creek Material Source</b> <b>Owner: Desert Construction, Inc.</b> <b>Map Name: 2 Natural and Man Made Features</b>	
8400 S KYRENE RD SUITE 201 TEMPE, AZ 85284 (480) 752-2124 WEB: WWW.JEFULLER.COM	
JOB NO:	P4148.01
DATE:	10/3/2003
SCALE:	1"=100'
DRAWN:	CRF
DESIGN:	ROL
CHECKED:	ROL
<b>MEADOW CREEK</b>	
DRAWING NO. <b>FG</b>	
SHEET NO.	OF
2	3



Facility: Meadow Creek Material Source  
Owner: Desert Construction, Inc.  
Date: 09/22/23  
Map Name: 3 Site Boundary  
Scale: 1" = 880 feet



Google Earth

4000 ft





- Legend**
- ADOT Mileposts
  - COUNTY Mileposts
  - Sign Post Exists
  - Calculated Measure
  - Highways
  - Main Arterials
  - Collectors
  - Local
  - Railroad
  - City Limits (>1:120K)
  - County Boundary
  - Surrounding Counties
  - Township/Range
  - Section
  - Surface Management
    - Bureau of Land Management
    - Bureau of Reclamation
    - County
    - Indian Lands
    - Local or State Parks
    - Military
    - National Parks Service
    - Other
    - Private
    - State
    - State Wildlife Area
    - US Forest Service
    - US Fish & Wildlife Service

1:33,237



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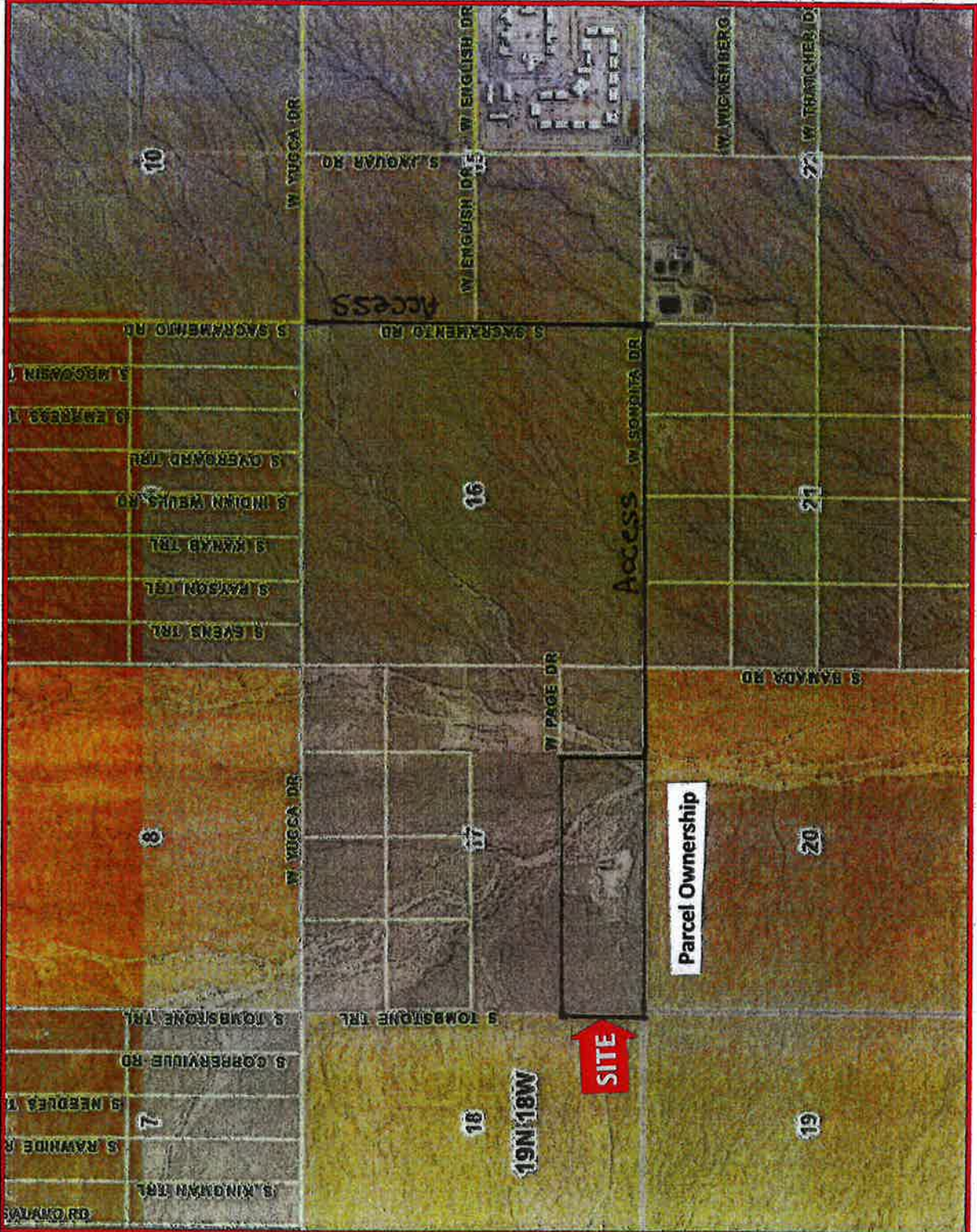
Map Created: 8/22/2023

© 2021 Mohave County Information Technology

Feet

0 2,769.8 5,539.5

(approximate scale)



0 2,769.8 5,539.5 Feet

(approximate scale)

© 2021 Mohave County Information Technology

Map Created: 8/22/2023

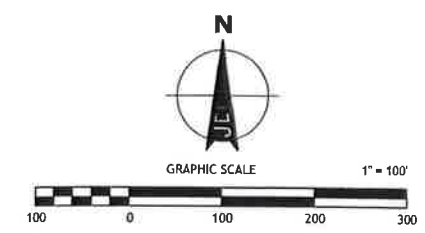
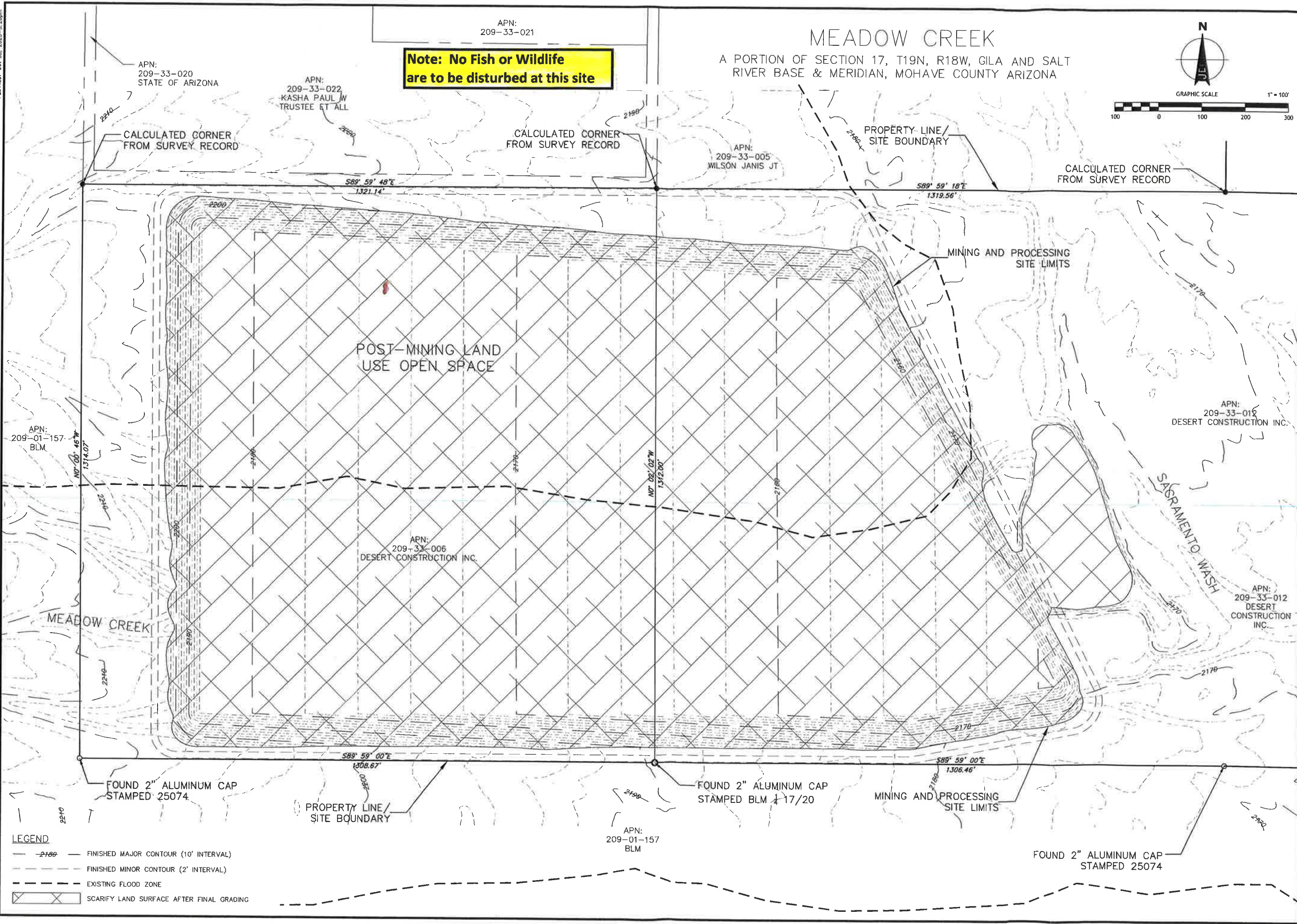
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Notes:

Site Boundary

PLOTTED: Oct 03, 2023 - 3:20pm

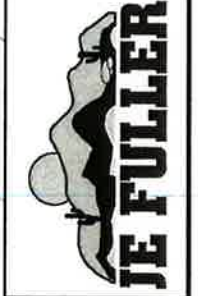
FILE: X:\projects\Consult\VF\MeadowWash\CAD\P4148.01\_P\_SITE\_2.dwg <<CC3D\_Imperial>>



REVISION DATE DESCRIPTION

Facility: Meadow Creek Material Source  
 Owner: Desert Construction, Inc.  
 Map Name: 4 Land Use Proposed and Post Mining

8400 S KYRENE RD  
 SUITE 201  
 TEMPE, AZ 85284  
 (480) 752-2124  
 WEB: WWW.JEFULLER.COM



JOB NO: P4148.01  
 DATE: 10/3/2023  
 SCALE: 1" = 100'  
 DRAWN: CRF  
 DESIGN: ROL  
 CHECKED: ROL

**MEADOW CREEK RECLAMATION AND POST-MINING LAND USE MAP**

DRAWING NO.  
**RC**

SHEET NO. OF  
**3 3**