

SUNRISE POWERLINK

Construction Yard Visual Screening Plan

July 30, 2010

Background

In accordance with mitigation measure V-1a of the Mitigation, Monitoring, Compliance, and Reporting Program (MMCRP) for the approved Sunrise Powerlink 230-kilovolt/500-kilovolt (kV) transmission line project (“Project”), San Diego Gas & Electric Company (SDG&E) submits this Visual Screening Plan. V-1a, shown below, requires SDG&E to “submit final construction plans demonstrating compliance with this measure.” This Plan fulfills the requirement for submitting construction plans by illustrating how the construction yards identified in Table 1 will be screened as required by the measure.

SDG&E will be constructing a new electric transmission line between the existing Imperial Valley and Sycamore Canyon Substations. The Project will traverse approximately 118 miles between the El Centro area of Imperial County and southwestern San Diego County

To support construction activities, SDG&E must establish temporary construction yards in order to store, stage and assemble materials along the alignment. Appendix C shows 15 of the construction yards that SDG&E has identified for use along the Project route.

Copies of this plan have been provided to the BLM, USFS, City of San Diego and Helix Water District for review and approval.

Applicable Mitigation Measure

V-1a: Reduce visibility of construction activities and equipment. Substation construction sites and all staging and material and equipment storage areas including storage sites for excavated materials, and helicopter fly yards shall be appropriately located away from areas of high public visibility. If visible from nearby roads, residences, public gathering areas, or recreational areas, facilities, or trails, construction sites and staging areas and fly yards shall be visually screened using temporary screening fencing. Fencing will be of an appropriate design and color for each specific location. Additionally, construction in areas visible from recreation facilities and areas during holidays and periods of heavy recreational use shall be avoided.

SDG&E shall submit final construction plans demonstrating compliance with this measure to the BLM and CPUC for review and approval at least 60 days prior to the start of construction. Where the project crosses lands administered by other public agencies (e.g., Forest Service, Anza- Borrego Desert State Park), construction plans shall also be submitted to those agencies for review and approval within the same 60-day timeframe.

Temporary Screening Fencing

As required by V-1a, SDG&E has located the construction yards away from areas of high public visibility where feasible. In addition, regardless of the proximity of the yards to nearby roads, residences, public gathering areas, or recreational areas, facilities, or trails, SDG&E will use temporary screening fencing around the perimeters of the construction yards to reduce visibility of construction activities at these sites. The fences will consist of 6' chain link mesh fencing with beige colored "Featherlock" slat screening. Fencing and Slat screening design and installation details are provided in Appendices A and B.

Appendix B includes an illustration of the Featherlock design and the selection of colors available. SDG&E has evaluated each of the yard locations and is proposing to use the beige color "Featherlock" slats on all of the construction yards as shown in Appendix B. SDG&E selected beige because it is a neutral color and blends well with the regional landscape.

Installation / Maintenance / Removal

SDG&E has identified a contractor to install, maintain and remove the fencing. During construction, the fencing will be periodically inspected for damage and replaced as needed. Upon completion of the Project or use of the construction yards, all fencing will be removed, including the removal of concrete post pilings, and the site will be restored to as close to pre-construction conditions as possible.

Construction Yards

SDG&E will utilize this Plan to reduce the visibility of construction activities and equipment at the following construction yards:

Table 1

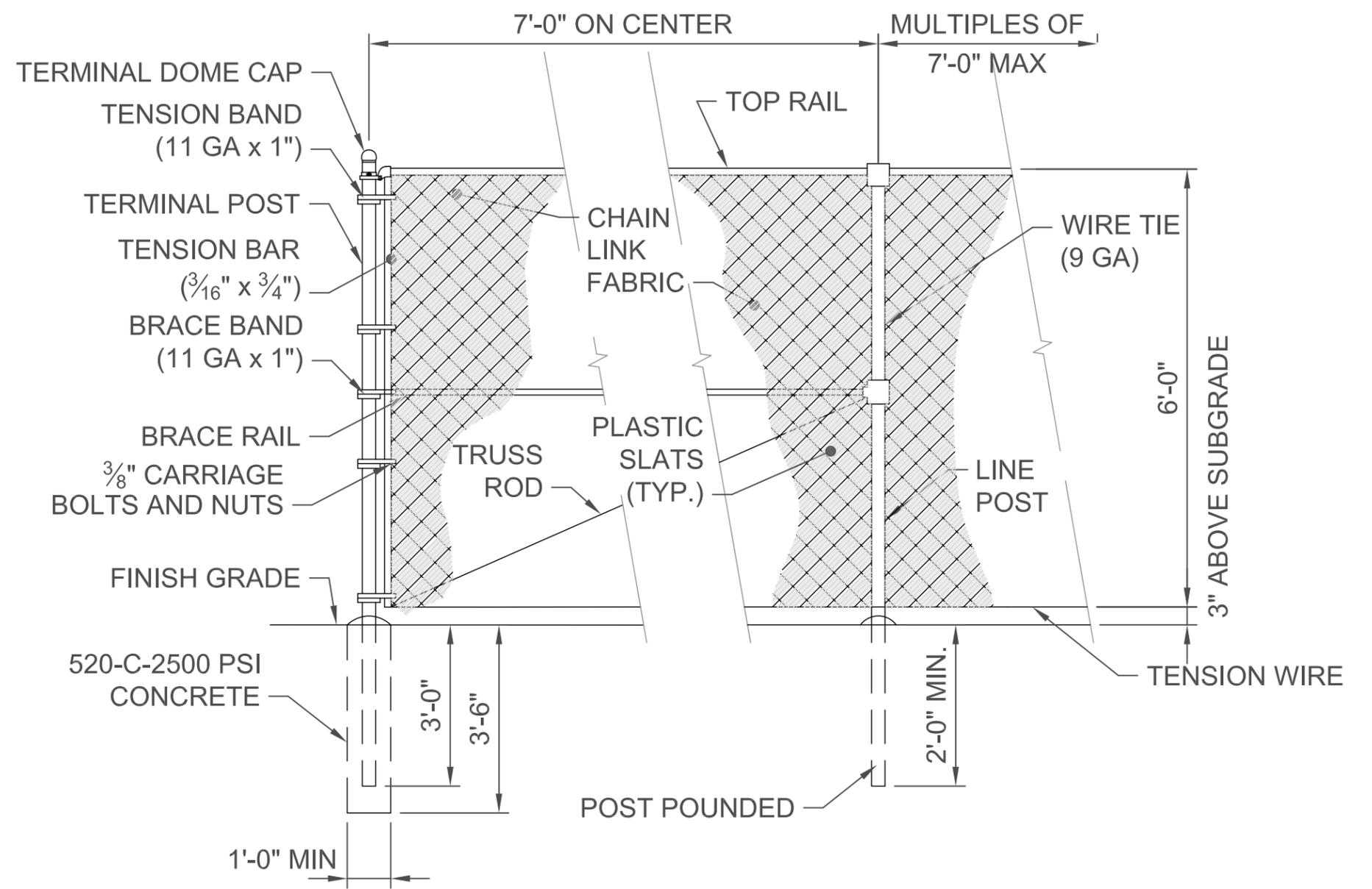
Yard Name	Link / Section	Parcel #	Jurisdictional Ownership
IV Sub	1 / 10B	051-380-24	BLM
Dunaway Rd	1 / 10B	051-010-06, 051-010-30	BLM
Plaster City	1 / 10B	033-230-08, 034-360-2	BLM
(BLM) S2	1 / 10B	033-240-11	BLM

Yard Name	Link / Section	Parcel #	Jurisdictional Ownership
AER	1 / 9C	614-120-32, 661-050-06	BLM / Private
Jacumba Valley Ranch	1 / 9C	661-010-26, 661-010-030, 661-010-28	Private
McCain Valley	1 / 9B	528-230-11, 529-030-02	BLM
Thing Valley	1 / 9A	528-110-03	USFS
Bartlett / Hauser Creek	2 / 8D	607-100-29	Private
Kreutzkamp	2 / 8C	602-170-02, 604-090-01	Private
Barrett Canyon	2 / 8A	602-070-24, 602-080-04	BLM
SWAT Training Facility	2 / 8A	601-010-01	City of SD
Wilson	2 / 8A	523-040-08	Private
Hartung	5 / 5	390-060-08	Private
Helix	5 / 5	391-061-01	Helix Water District

Please note that the duration of use of the construction yards will vary from yard to yard with potential maximum use of each yard from September, 2010 to December, 2012. The yards may be used intermittently depending on construction activities and the fencing may remain in place from project start to project end.

APPENDIX A

Fence Details



DETAIL

FENCE DETAIL

NOT TO SCALE

JOB SPECIFICATIONS

FABRIC	MESH	GAUGE	SELVAGE
GAW	2"	9 GA	K/T
TENSION WIRE	7 GA	BOTTOM	
FRMWRK.	O.D.	WALL	LBS/LF
TOP RAIL	1 5/8"	SCH 40	
LINE POSTS	2 3/8"	SCH 40	
BRACE RAIL	1 5/8"	SCH 40	
CORNER POSTS	2 7/8"	SCH 40	
END POSTS	2 7/8"	SCH 40	
GATE POSTS	4"	SCH 40	
GATE FRAME	1 7/8"	SCH 40	
TRUSS ROD	3/8" GALV.		
GATE TYPE	SINGLE/DOUBLE		

C									
B									
A									
REV	BUDGET	CONST ORDER	CHANGE	DWN	CHKD	APPV	DATE	SCALE	SHEET

SDGE SAN DIEGO GAS & ELECTRIC
 TRANSMISSION ENGINEERING
 SUNRISE POWERLINK PROJECT

SCALE NONE SHEET 1 OF 1

DRAWING NUMBER

APPENDIX B

Fencing Slat Details



Privacy, decorative slats that enhance the appearance and functionality of chain link fencing.

Our high quality, durable slats add color, wind protection and privacy to chain link fencing. SlatSource® slats accentuate very nicely the tough, rugged chain link mesh and add significantly to the appearance of your fence application.

SlatSource® slats come in twelve different, distinct styles. There are many colors available for you to choose from.



Our slats, which come in a variety of colors and styles, significantly enhance the appearance of previously installed or new chain link fences.



FeatherLock®



The consumer's choice of all slats.

- #1 Seller • Self-locking • Easiest to install

The FeatherLock™ slat is the most “user friendly” slat on the market today. It is totally self-locking and does not need a locking device at the top or bottom. It locks in at the top 10” of the fence by itself (2” mesh locking width is 1 1/2” and 2 1/4” mesh locking width is 1 11/16”). And, FeatherLock™ can be installed faster than any other slat.

Design – Our unique patented design features 10” self-locking section at the top of the slat which holds it in place without the need of a top or bottom track.

Installation – Insert the narrow end of each slat into the fence vertically. All slats should line up horizontally at the top of the fence. The locking device is the feather portion at the top of the slat.

Standard Heights – 4 ft., 5 ft., 6 ft., 7 ft., 8 ft., 10 ft., and 12 ft.
Special heights available upon request

Slat Length – 1 1/2” shorter than the overall height of the fence

Wind Load and Privacy Factor – Approximately 80%

Colors – Forest Green, Gray, Dark Brown, Sky Blue, Beige, Redwood, Black, White and Royal Blue

Slat Name	Slat Width	Mesh Size	Wire Gauge	Coverage Area
FeatherLock 2”	1 1/4”	2”	9 or 11	10 linear feet
FeatherLock 2 1/4”	1 5/16”	2 1/4”	11 1/2	10 linear feet



Safety Top Cap™



The Safety Top Cap™ serves two primary purposes. First, its unique design provides protection against bodily injury by covering the exposed knuckles or barbs on the top of a chain link fence. Secondly, it displays nicely as a decorative trim piece to complement any galvanized or color chain link fence system and give it a finished look.

Design – Durable, flexible plastic in an open tubular shape

Installation – Simply “snap” over the top of the fence and lock to the wire mesh with the steel hog rings (included with each package) through the pre-drilled holes.

Uses – Primarily used in a safety-yellow color for baseball outfields, but is also growing in popularity at all athletic fields, parks, playgrounds, and recreational facilities, as well as in residential and commercial applications.

Durability – Manufactured using HDPE plastic with UV stabilizers. These Top Caps are designed to endure high impact and to resist the harmful effects of the sun and severe weather conditions for many years of continued use.

Colors – Forest Green, Gray, Dark Brown, Sky Blue, Beige, Redwood, Black, White, Royal Blue, Red and Safety Yellow.

Height	Width	Length	Pieces Per Bag	Coverage Area	Hog Rings
5 1/2"	2 3/4"	8 feet	5	40 linear feet	10 per bag



Since you are going to invest in a chain link fence and want the privacy and security that goes with it, then it only makes good sense to choose SlatSource® slats. They are designed and constructed to be just as rugged and durable as the chain link itself. There simply is no better combination than PrivacyLink® chain link fence and SlatSource® slats.

Materials:

SlatSource® slats are extruded from High Density Polyethylene (HDPE), color pigments and ultra violet (UV) inhibitors specifically formulated to retard the harmful effects of the sun and lengthen the life of the slat.

Features and Benefits

Durability:

Our slats are also resistant to severe weather conditions, salt water, sand, road dirt, most acids, alcohol, alkaline, ammonia, petroleum distillates, and common environmental pollutants.

Maintenance:

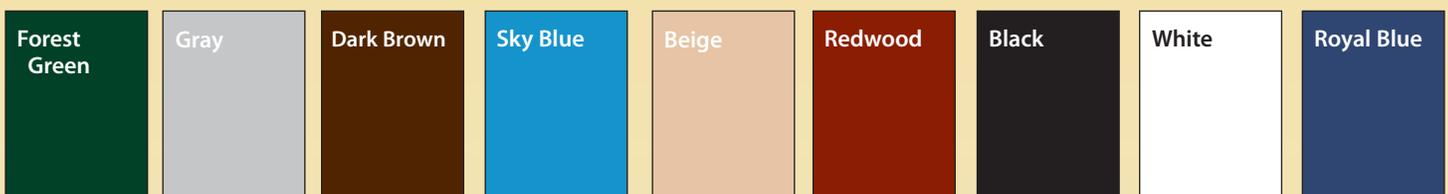
Our slats are nearly maintenance free. They may be pressure cleaned of surface contaminants with plain water.

Wind Load Disclaimer:

We will not be held responsible for fence damage resulting from wind load conditions due to insufficient structural support.

Available Colors

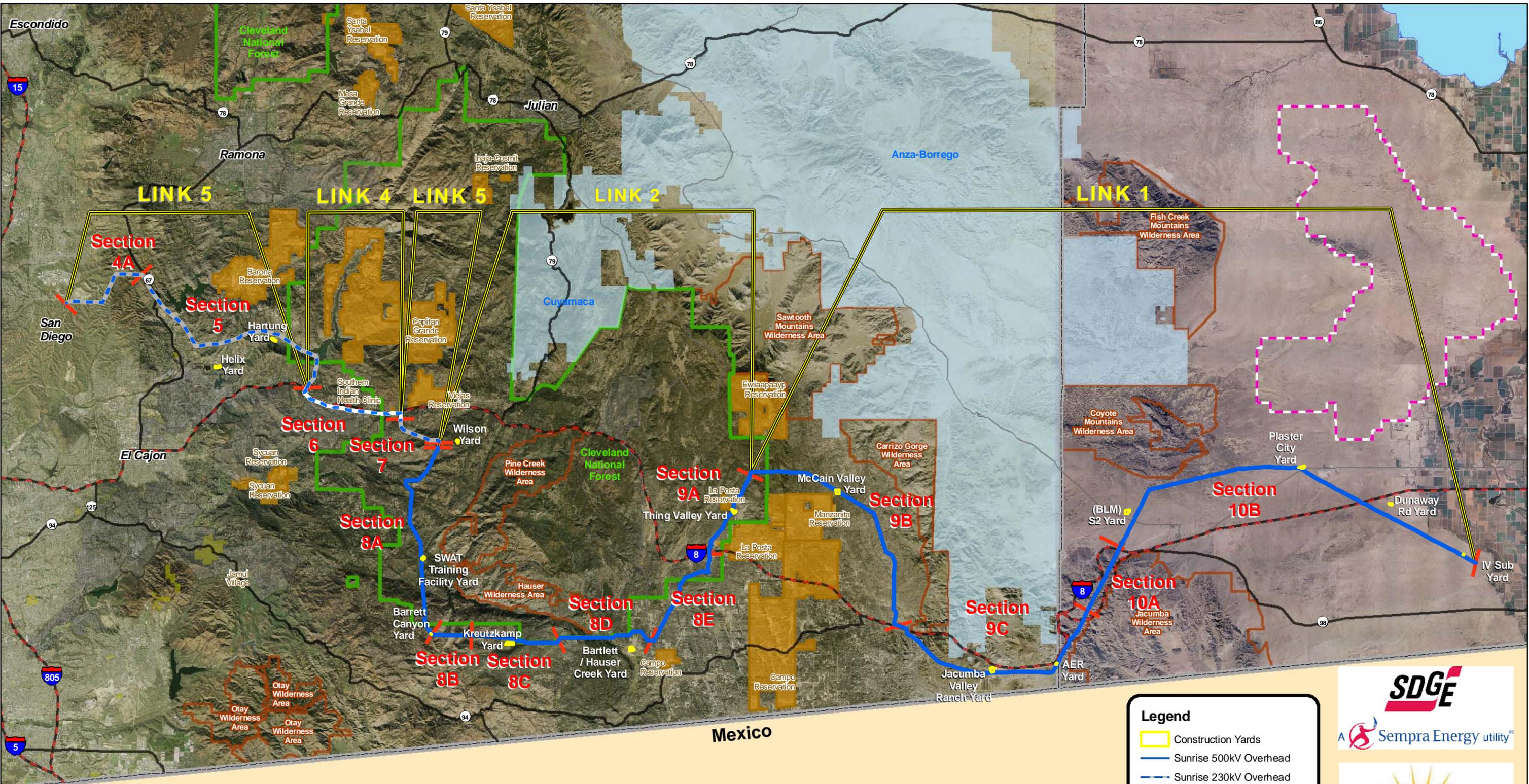
(colors are approximations)



Exact representation of slat colors in printing is difficult. Please refer to actual color samples for accurate color selection. Samples available upon request

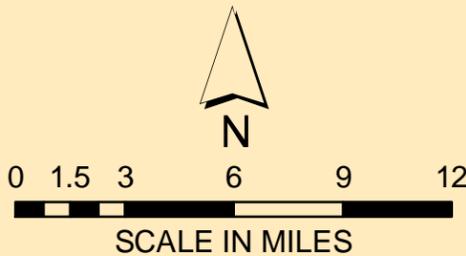
APPENDIX C

Construction Yards



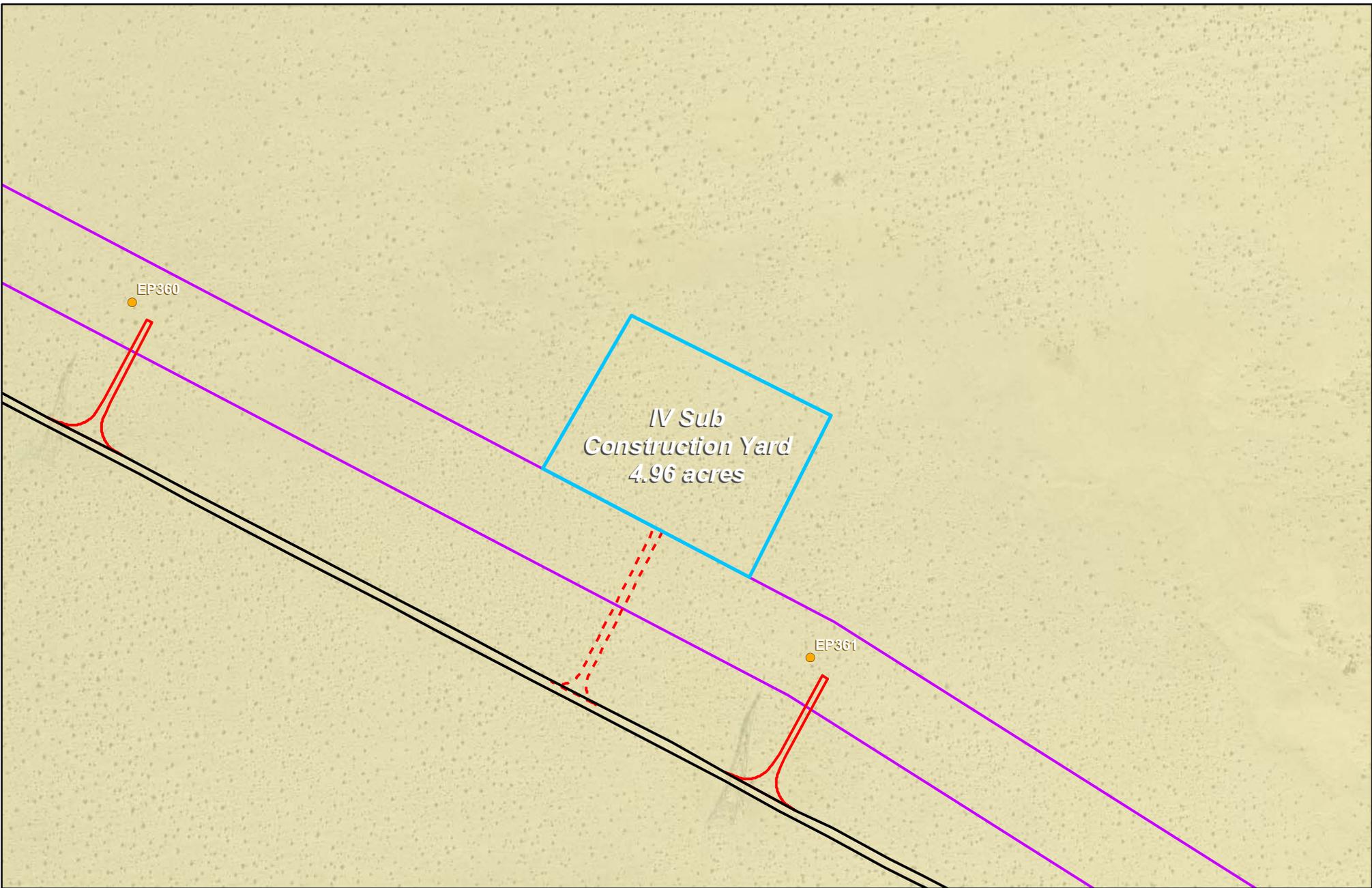
Legend

- Construction Yards
- Sunrise 500kV Overhead
- Sunrise 230kV Overhead
- Sunrise 230kV Underground



Sunrise Powerlink Construction Yards

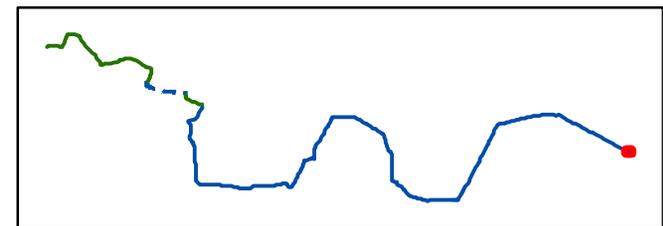
SDG&E is providing this map to you as a courtesy, SDG&E does not represent that the information contained herein is accurate. SDG&E disclaims all warranties, express or implied, including the warranty of fitness for a particular purpose. You are solely responsible for selecting this map to use and you are solely responsible for any consequences resulting from your use. Reproduction, duplication, or modification of this map is not allowed without permission.



Legend

1 inch = 300 feet

- | | | |
|---|--|---|
|  |  Proposed Structure |  Existing Road - Improvements Needed, Permanent Impact |
|  | Construction Yard |  Existing Road - No Improvements Needed, No Impacts |
|  | Right of Way |  New Road - Proposed Road Construction, Permanent Impact |
| | |  New Road - Proposed Road Construction, Temporary Impact |



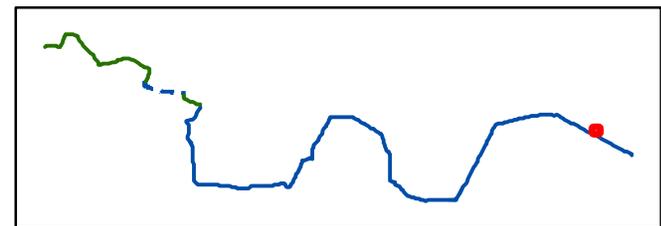


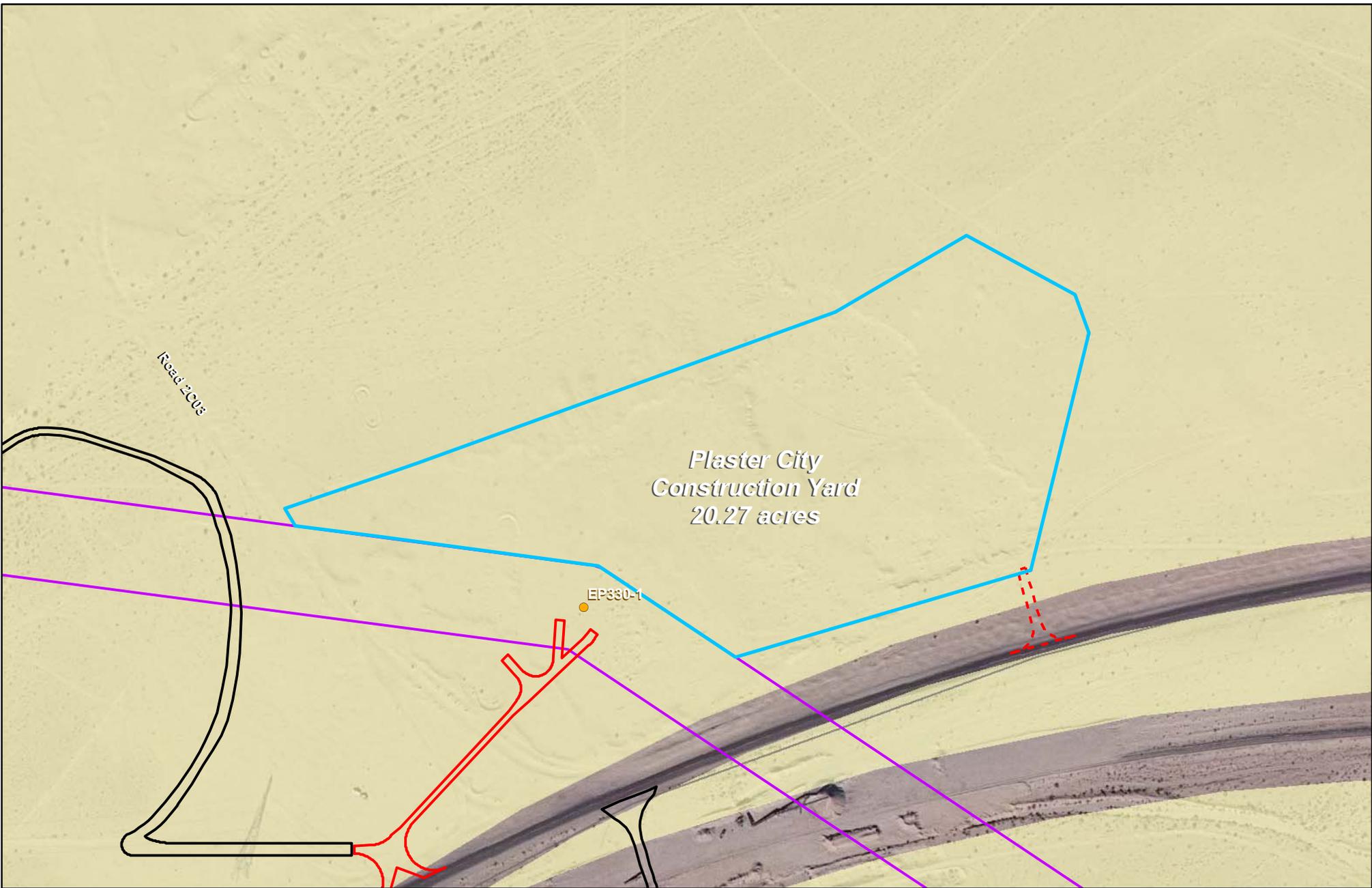
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|----------------------|---|
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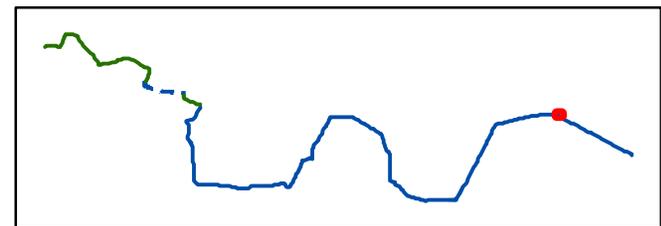




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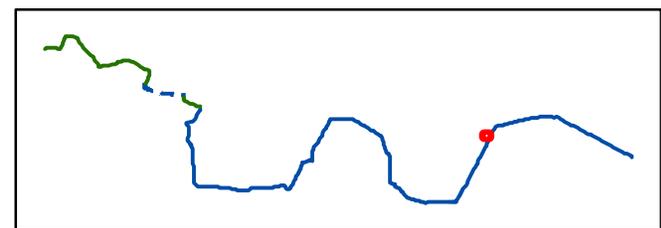
*(BLM) S2
Construction Yard
30.01 acres*

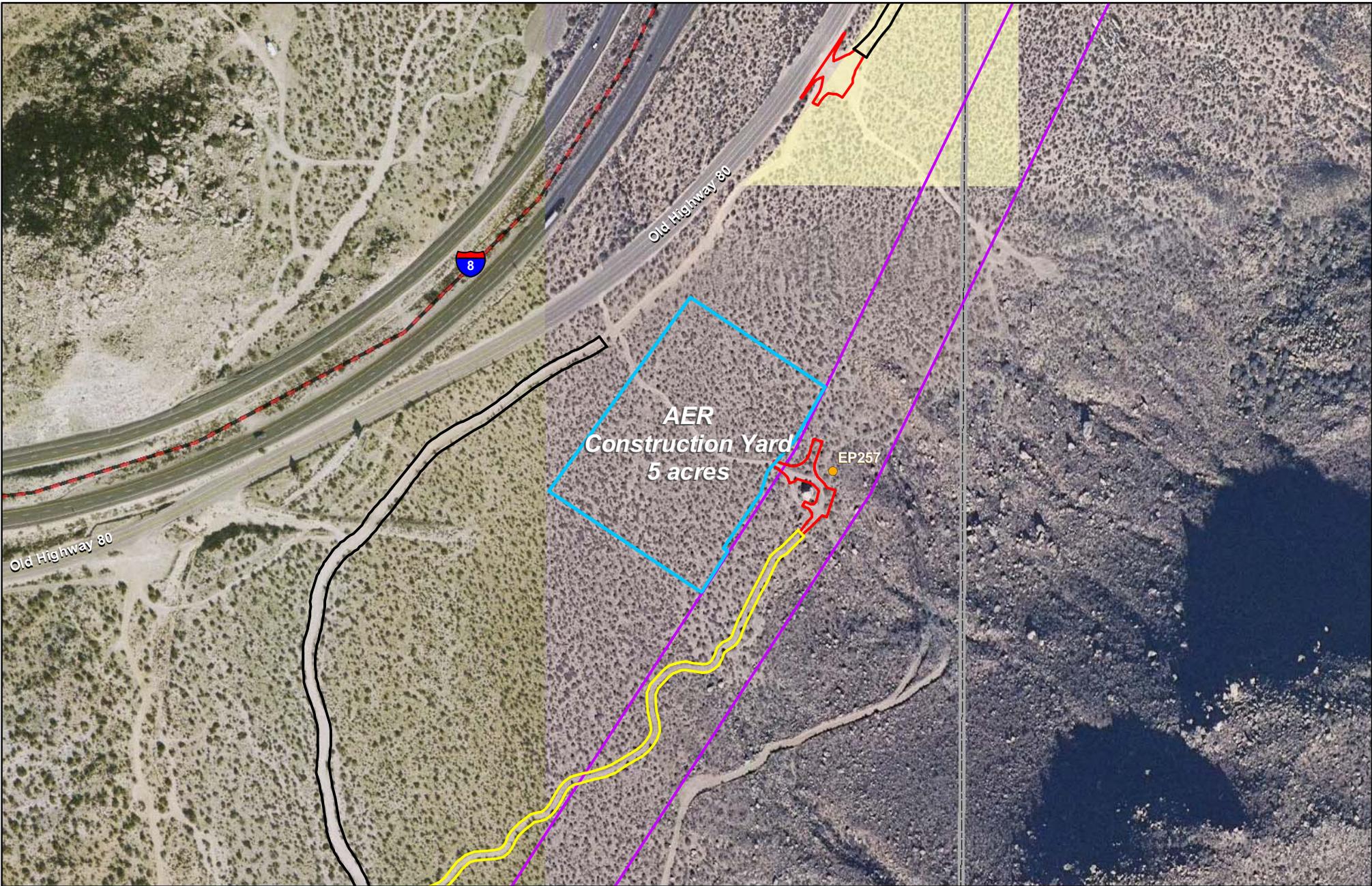
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- Proposed Structure
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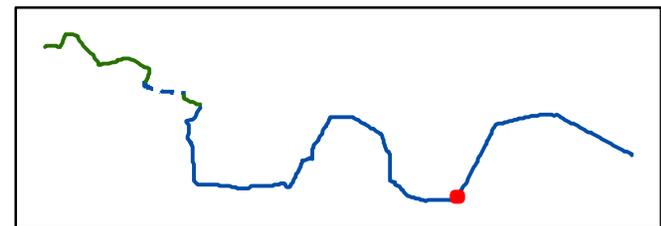


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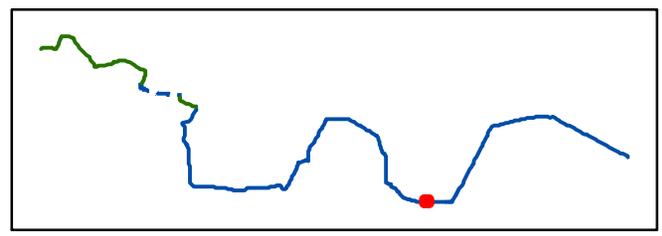


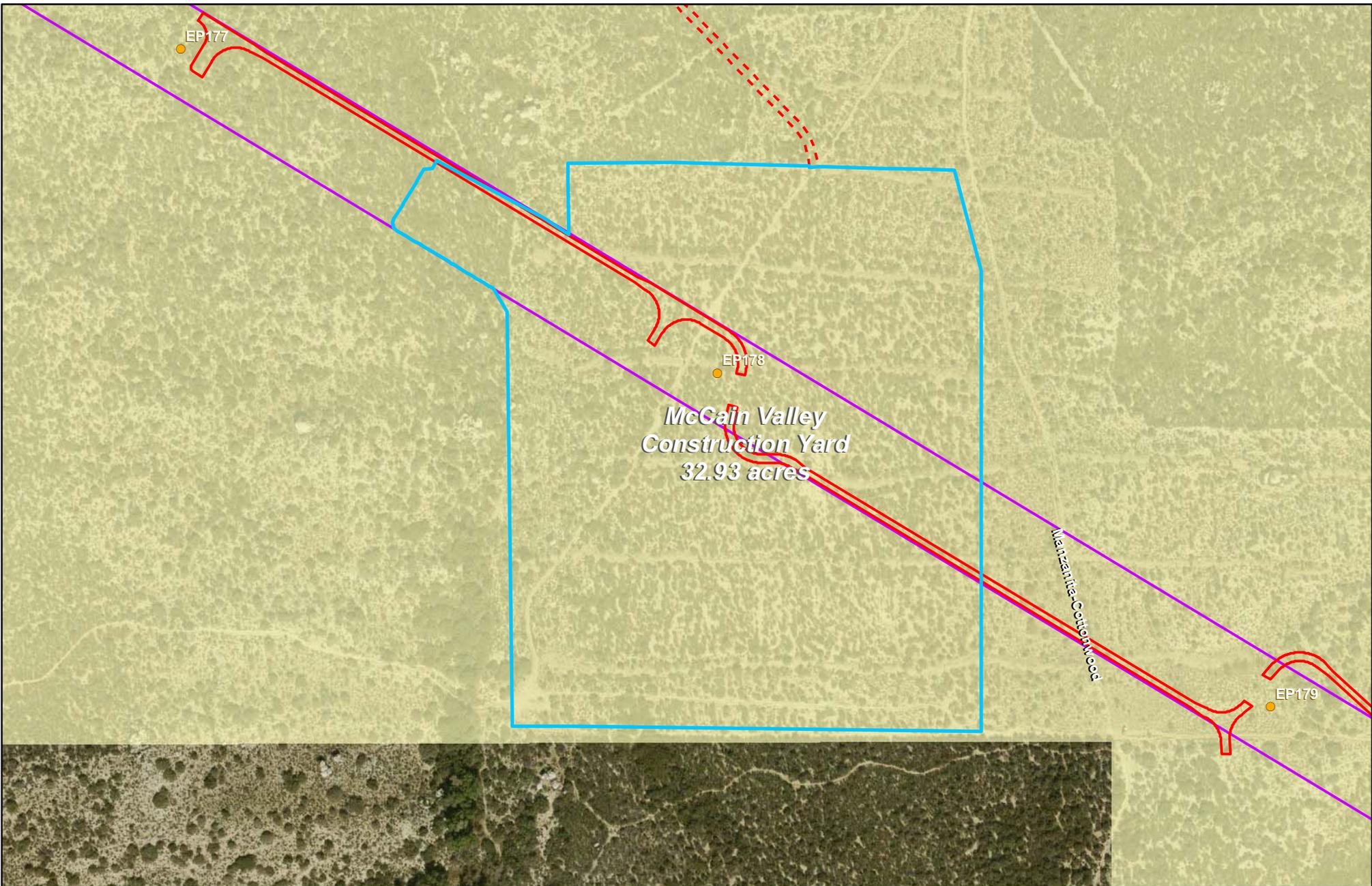
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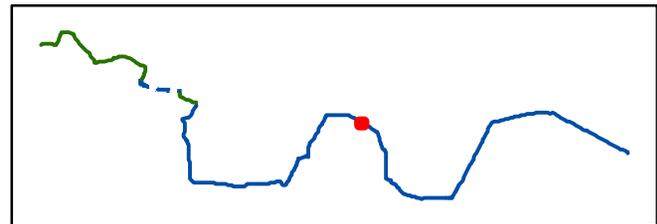


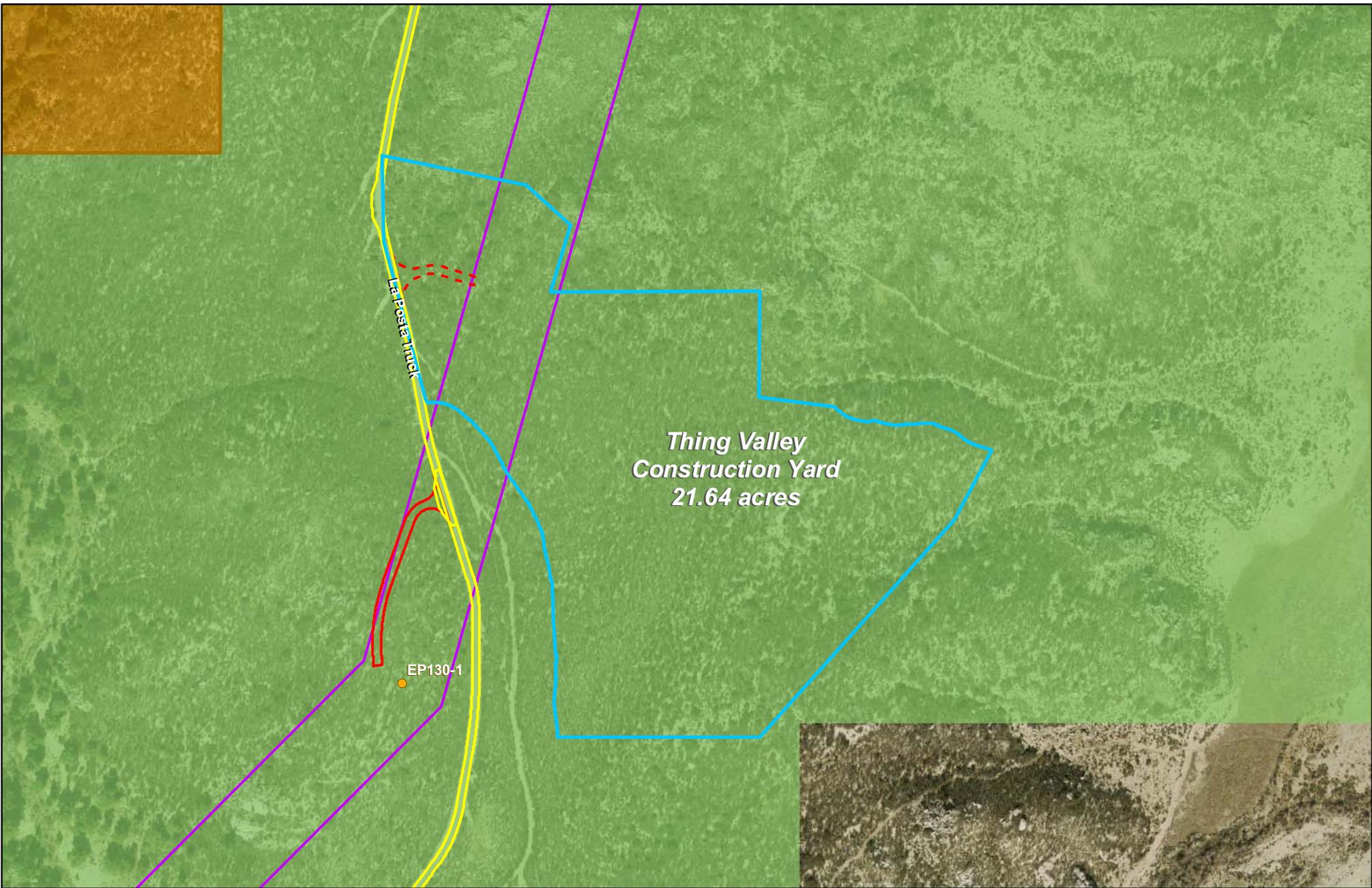
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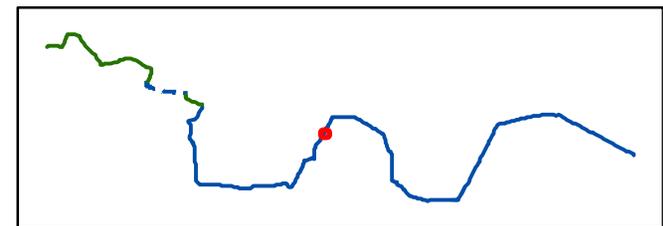


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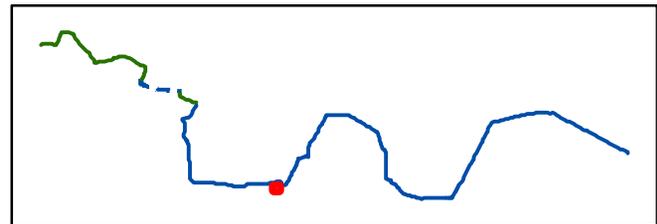
*Bartlett / Hauser Creek
Construction Yard
28.57 acres*

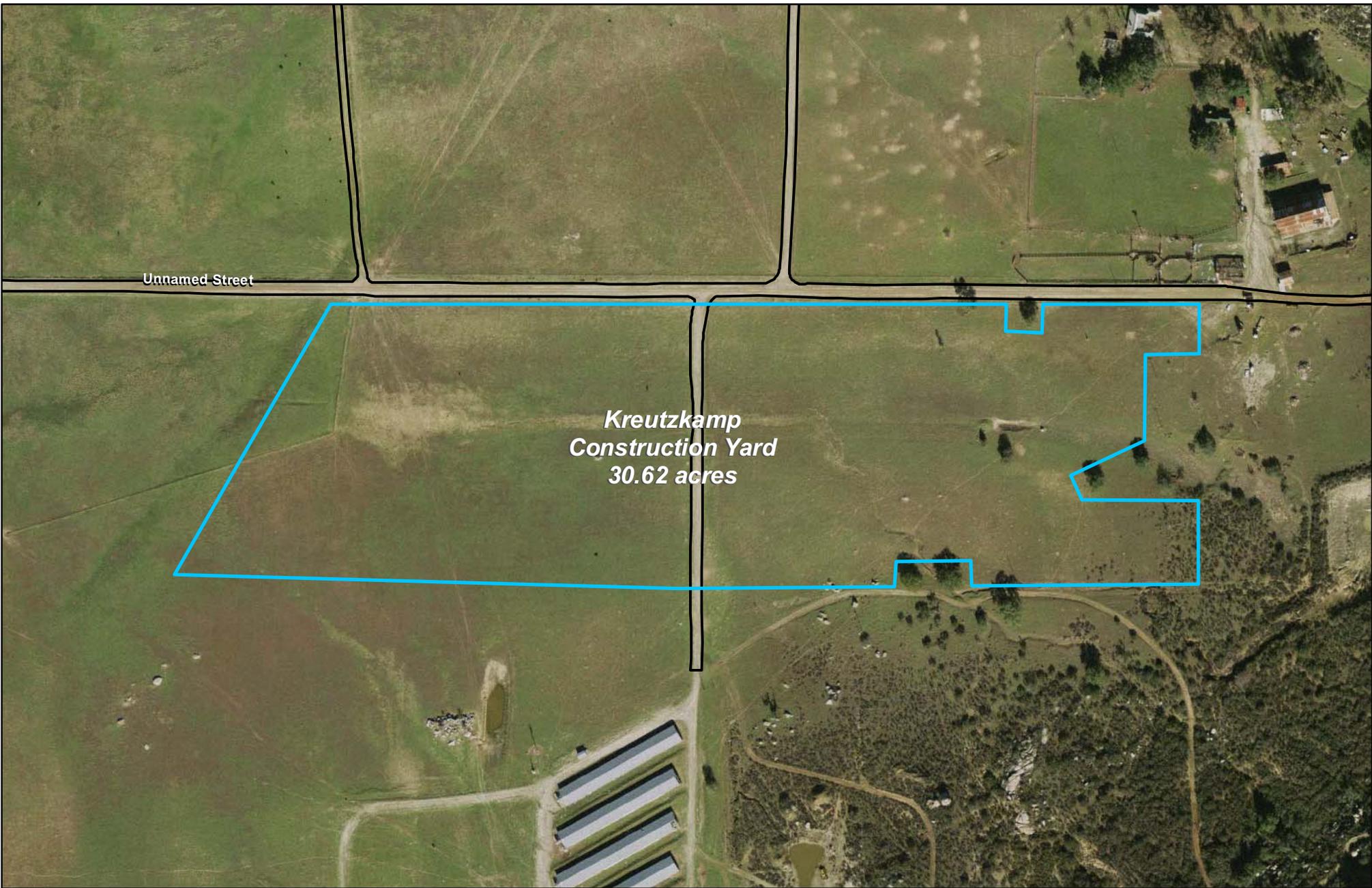
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Unnamed Street

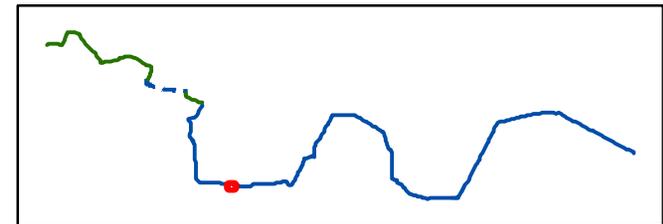
*Kreutzkamp
Construction Yard
30.62 acres*

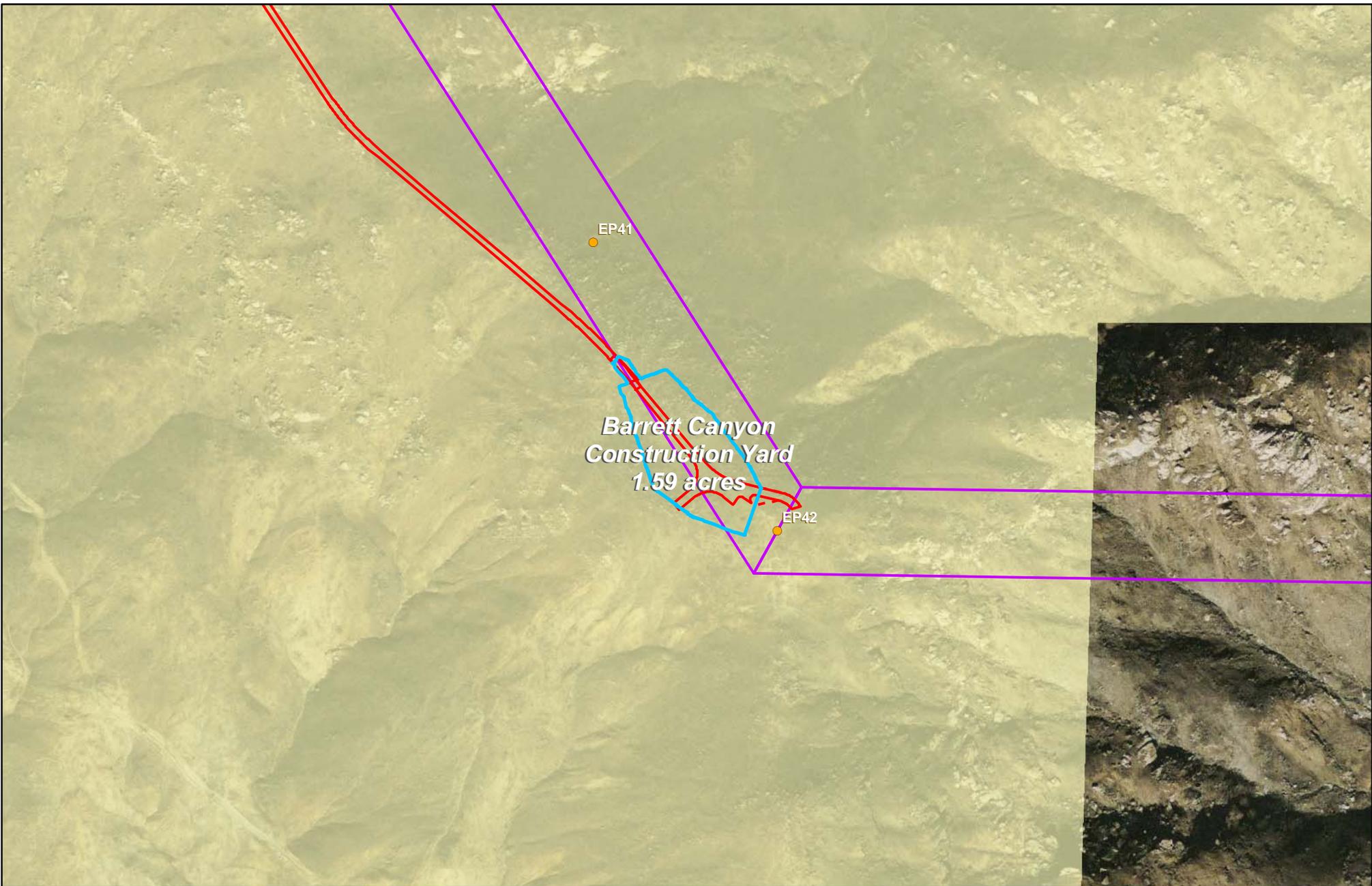
Legend

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**Barrett Canyon
Construction Yard
1.59 acres**

EP41

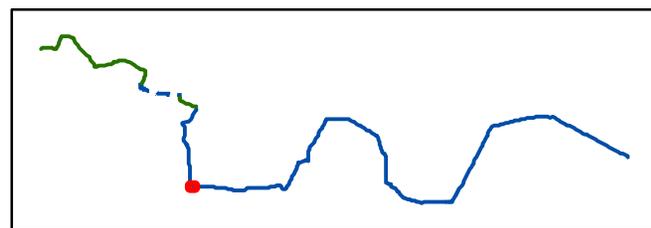
EP42

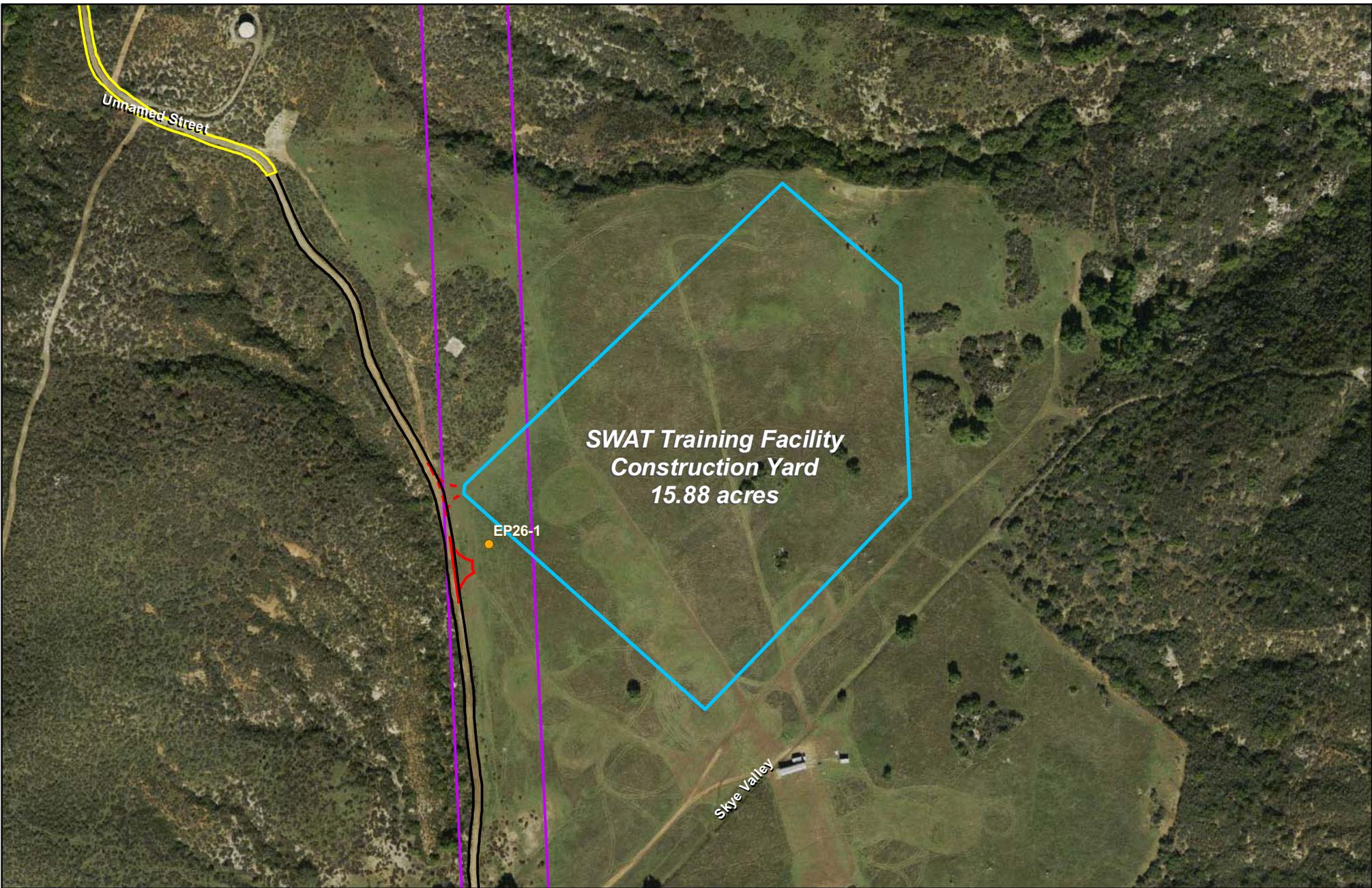
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**SWAT Training Facility
Construction Yard
15.88 acres**

EP26-1

Unnamed Street

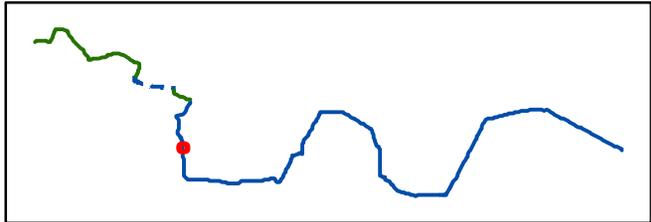
Skye Valley

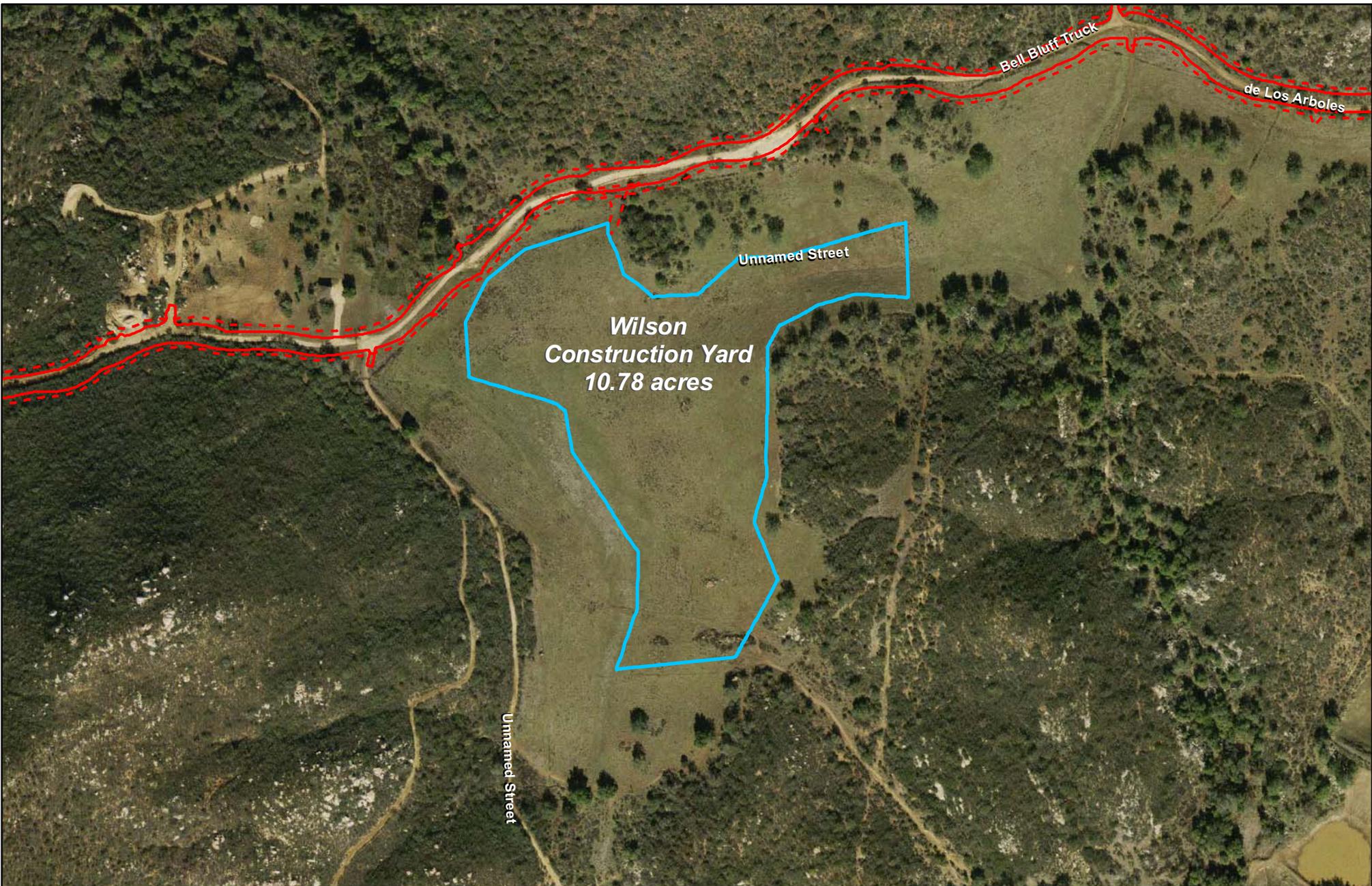
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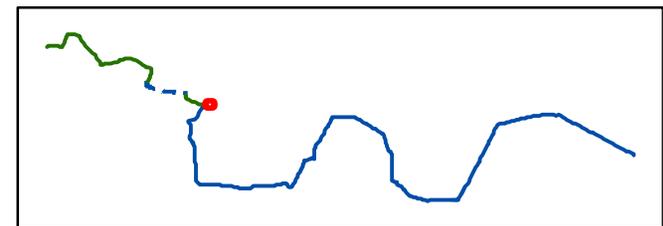


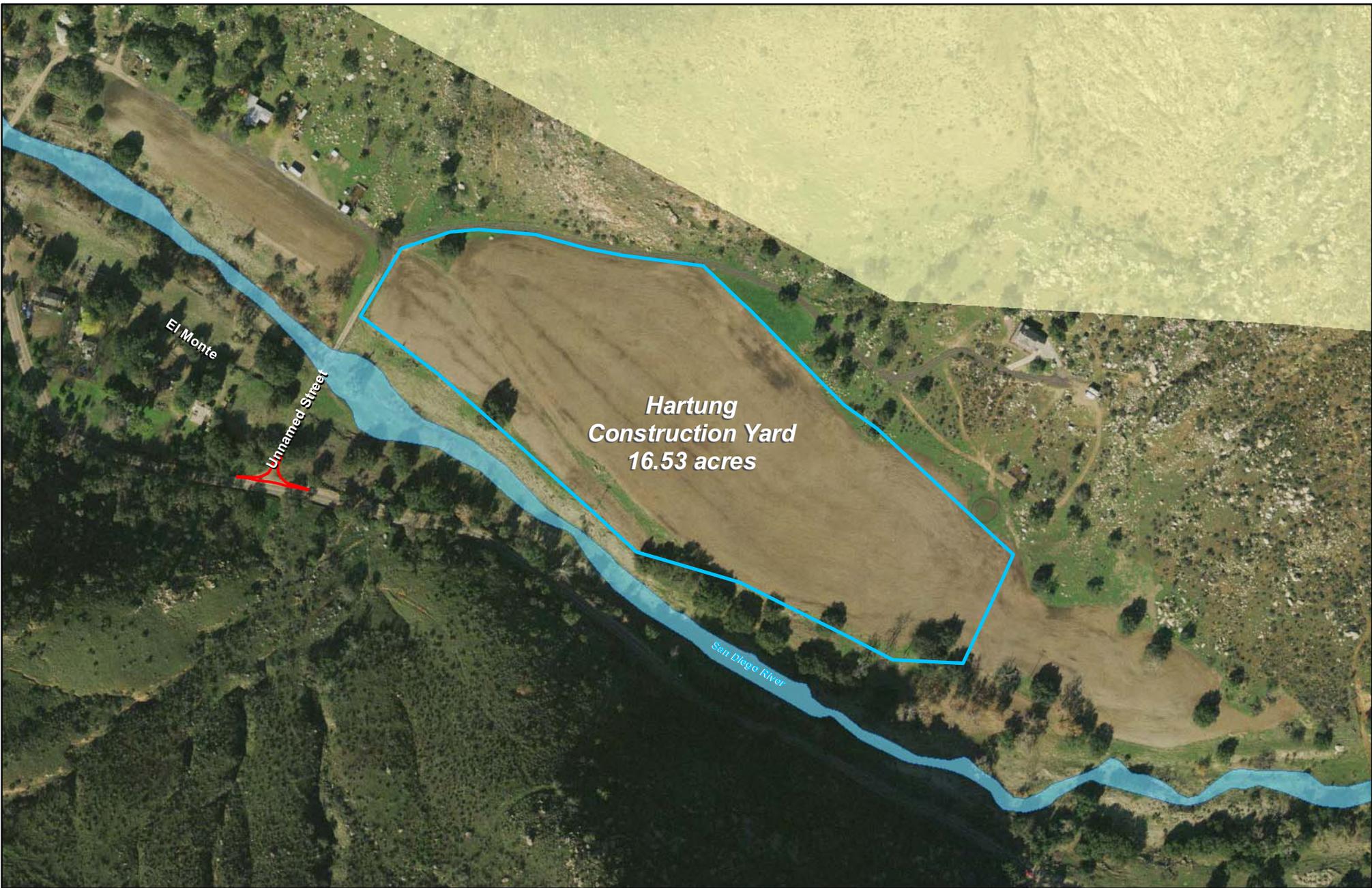


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- | | | |
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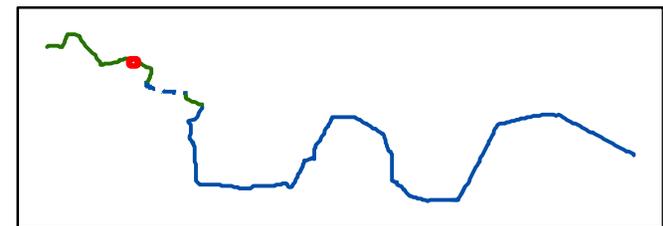


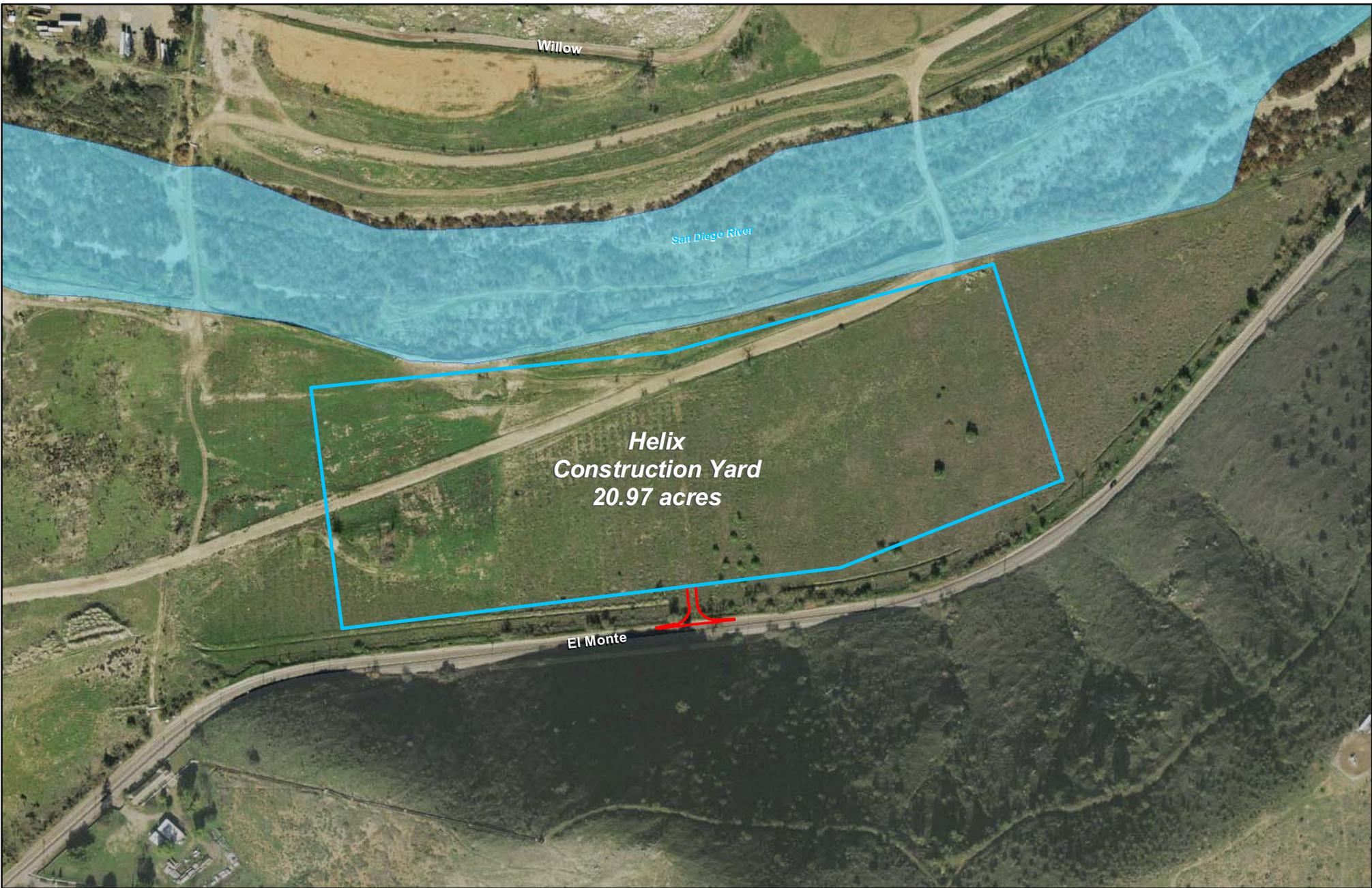
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-
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