

GUARDIAN

HELICOPTERS, INC.

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: *Gooketa CA*

- ☐ SAFETY BRIEF SIGN IN
- ☐ GHI CREW INTRODUCTION
- ☐ IS A TRANSLATOR REQUIRED
- ☐ WORK STOP AUTHORITY
- ☐ DESIGNATE A 911 CALLER
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES
- ☐ CREW FATIGUE AND HYDRATION
- ☐ HELICOPTER LIFT LIMITATIONS
- ☐ HAZMAT WILL OR WILL NOT BE CARRIED ON THE HOOK
- ☐ NON GHI EMPLOYEES WILL NOT APPROACH HELICOPTER WITH ROTORS ENGAGED
- ☐ HELICOPTER HAZARD AREA (TAIL/MAIN ROTOR)
- ☐ EFFECT OF ROTOR DOWN WASH ON LOAD

*2-17-2020 Dig Crew / HEC / Compressor
2-18-2020 Dig Crew / HEC / Compressor
2-19-2020 Crew HEC / Compressor poles
Compressor 1100 LBS poles 1500 LBS
Two Location 5mic Appart
NON-CAP
TD1493098 TD1575957*

DUST MASK: BURN AREA, DUST, POLLEN EXPOSURE

- ☐ HELICOPTER DOOR REMOVAL AND FIRE EXTINGUISHER LOCATION
- ☐ PPE REQUIREMENTS (GLOVES, EYE PROTECTION, HARD HAT WITH CHIN STRAP)
- ☐ PILOT/GROUND CREW COMMUNICATIONS/ LOST COMMUNICATIONS

PROCEDURES

- ☐ POTENTIAL STATIC CHARGE CAUSED BY HELICOPTER
- ☐ SITE PLAN / FLIGHT PATH
- ☐ FALL, PINCH, CRUSH DANGER POINTS
- ☐ RIGGING OPERATIONS CONNECTING AND DISCONNECTING CRANE HOOK AND SPREADER BAR HOOK
- ☐ PROPER SECURING OF EQUIPMENT / TOOLS IN SUPER SACK AND ON LONG LINE
- ☐ STREET CLOSURE / EVACUATION USE DIAGRAM TO ENSURE ALL HOMES ARE CLEAR
- ☐ NO CELL PHONES OR CAMERA USED BY GROUND CREW

[illegible]

AIRCRAFT	ENVIRONMENT	EXTERNAL LOAD
☐ Approach and departure ☐ Main/tail rotor hazards ☐ Safe cargo loading/unloading ☐ Loose articles: - Aircraft & LZ ☐ Hearing protection ☐ Door/seatbelt operation ☐ Headset/helmet/intercom ☐ Air-sickness ☐ In-flight emergencies Establish who will call 911 ☐ Location of: o First aid/survival kit o Fire extinguisher o Fuel and battery shut off procedure o Radios, ELT, SAT Phone ☐ Fueling Operations: - Duties & Safety Issues	☐ Weather conditions ☐ Wind direction ☐ Fuel ☐ Gross weight ☐ Terrain ☐ Landing zone hazards ☐ Density altitude ☐ Noise abatement ☐ Congested area plan ☐ Traffic/crowd control CRM ☐ COMMUNICATION IS CRITICAL ☐ Standardized language ☐ "Code Red" phrases ☐ Sterile cockpit ☐ Flight following/radio procedures ☐ Possible tasks for crew, e.g., switch/tune radios, maps ☐ Hazard awareness, e.g., birds, other hazards ☐ STOP work policy ☐ Re-brief in case scope changes ☐ <u>IMSAFE Acronym</u> Pilot fatigue mitigation must be briefed prior to work	☐ Ground crew PPE ☐ Long Line & Rigging Equipment Inspection ☐ Communication: Use of headset for lineman communicating with pilot ☐ Head/Hand Signals ☐ Pole set procedures: Brief how pole will be secured: 1) Taglines 2) Pikes 3) fill dirt ☐ Steps on pole ☐ Remote hook operations ☐ Ground crew hook up procedures ☐ Static discharge ☐ Emergency flyaway procedures ☐ Long line clearance (6'- 25'- 150% rule) ☐ No person under load ☐ Ground crew safety zone ☐ Pole removal with potential snag issues must be discussed ☐ Nylon straps (wood vs. glass) ☐ Load ratings (7:1 minimum) ☐ Dry Run/Play by play pole set Procedures ☐ Induced Voltage from: - Adjacent circuits, Underbuild, Parallel circuits etc. ☐ In case of Non-Company ground crew: Rigging procedures must be briefed ☐ No cell phone/camera use during external loads ☐ Essential crew only



SECTION 7

Part 135 GH 4A Part 133 GH 4L
NON Congested Area Plan

Operator: Guardian Helicopters, Inc
67 D STREET
Fillmore CA. 93015

Phone (818) 442-9904
FAX (818) 442-9901

PROJECT: EDISON HEC AND POLE REPLACEMENT WORK ORDER #: TD 1575957 TD1495098

ADDRESS GOLETA CA : SANTA BARBARA CA

LZ STAGING AREA LATITUDE 34°27'44.68"N LONGITUDE 119°58'3.72"W

2134280E LATITUDE 34°27'39.30"N LONGITUDE 119°58'2.10"W 40 CL 1 COMPOSITE 1200 LBS

LZ STAGING AREA LATITUDE 34°30'17.34"N LONGITUDE 120° 3'56.82"W

4611324E LATITUDE 34°30'28.72"N LONGITUDE 120° 3'51.43"W 45 CL 1 COMPOSITE 1400 LBS

COMPRESSOR AT BOTH LOCATIONS 1200 LBS

CONTACT AT SITE: JASON SPEARS PHONE#: 909-329-0742

CONTRACTOR: HOTLINE CONSTRUCTION PHONE#: 909-329-0742

PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT# 3018828
4. IAN GOODALE CERT# 3741973

TYPE OF AIRCRAFT: BELL UH-1H N# N711GH A/C CATEGORY: RESTRICTED

BELL UH-1H N# N214KK A/C CATEGORY: RESTRICTED

BELL 407 N# N407GH A/C CATEGORY: STANDARD

BELL 205A1 N# N216GH A/C CATEGORY: STANDARD

AS350 B2 N# N498PT A/C CATEGORY: STANDARD

AS350 B3 N# N718GH A/C CATEGORY: STANDARD

AS350 B3 N# N215GH A/C CATEGORY: STANDARD

IF SAFETY DICTATES AND OR THE CUSTOMER REQUESTS ADDITIONAL LIFTS THE LIFTS
WILL BE CONDUCTED REMAINING WITHIN THE APPROVED TIME PARAMETERS.

TYPE OF LIFTS: (2) POLES COMPRESSOR HEC CARGO LOAD: EXTL CL B TYPE OF ITEM LIFTING: ☐

AERODYNAMIC ☒ NON- AERODYNAMIC MAX 1500 LBS HEC ALL DAYS

NO. OF LIFTS: 10 LONG LINE: (NO) XXX (YES) LESS THEN 150 FT (LENGTH)

OPERATIONAL ALTITUDE: < 250 STREET CLOSING: (NO) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
2-17-2020 HEC CARGO	SUNRISE	SUNSET	2-10-2020
2-18-2020 HEC CARGO	SUNRISE	SUNSET	2-10-2020
2-19-2020 HEC POLE	SUNRISE	SUNSET	2-10-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
GOLETA POLICE DEPARTMENT	805-681-4100	WATCH COMMANDER	WILL NOTIFY
SANTA BARBARA COUNTY FIRE STATION	805-681-5518	STATION 38	WILL NOTIFY

Evacuation

Crowd Control

Street Closure

☒ No Evacuated Structures

☒ Operator

☒ Yes ☐ No

☐ Evacuated Structures

☒ Contractor

☒ Contractor

☐ Operator



GUARDIAN
HELICOPTERS, INC.

Part 135 GH 4A Part 133 GH 4L

NON Congested Area Plan

LIST OF BUILDINGS THAT SHALL EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED PERSONS ALSO HOMES THAT WILL BE NOTIFIED OF ACTIVITY:

BUILDING DESCRIPTION/ADDRESS	REMARKS	METHOD
REMOTE NO EVACAUCTIONS	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = VACANT	VACANT DURING OPS	HAND DELIVER

Narrative description of pick-up site, route, delivery site, and plan for ceasing operation if unauthorized persons enter operational area or real hazard occurs.

SITE INSPECTION NOTES

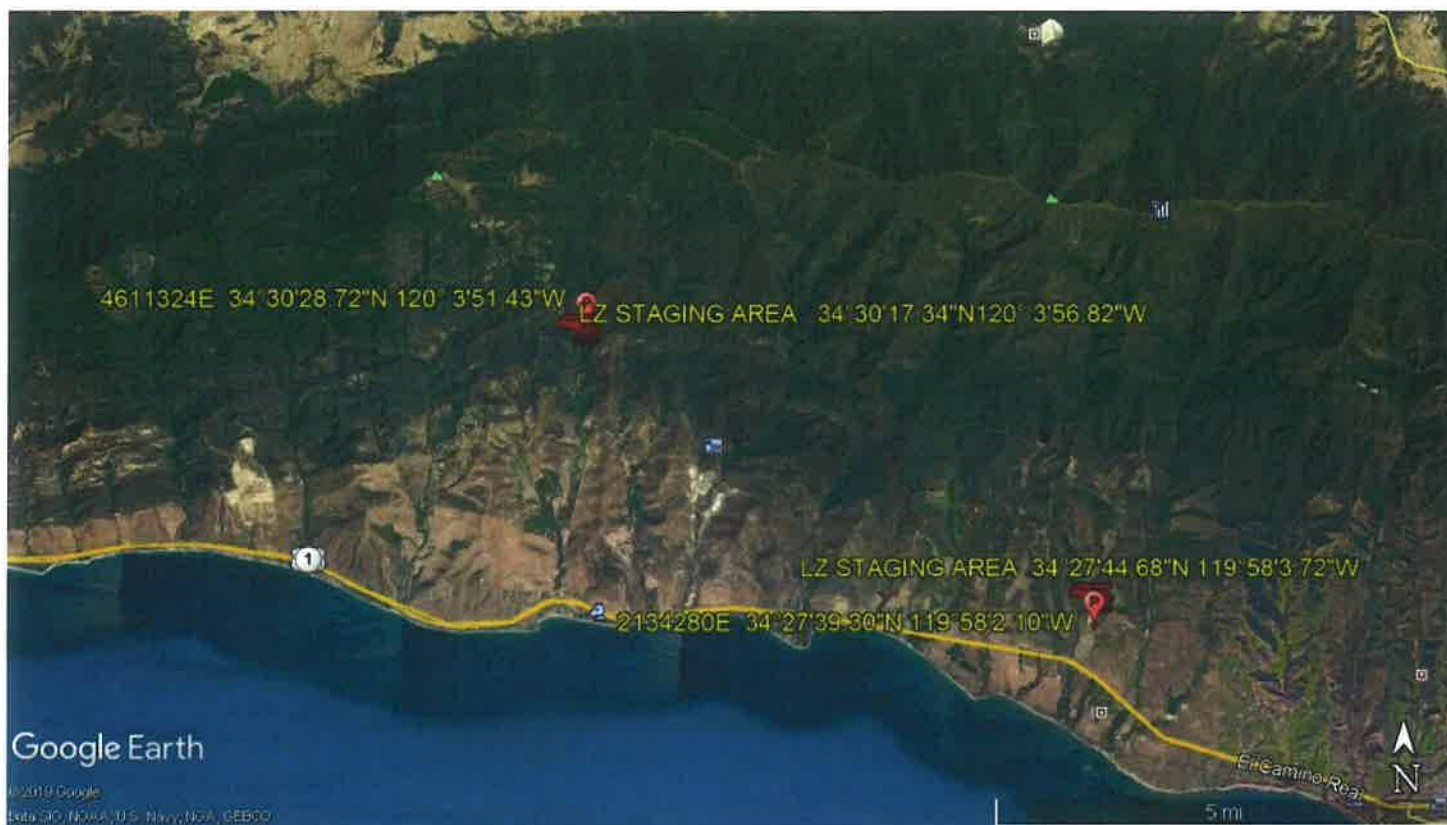
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE EVENT AN UNAUTHORIZED PERSON ENTERS THE OPERATIONS AREA OR A POTENTIAL HAZARD IS IDENTIFIED THE PILOT WILL HOLD THE AIRCRAFT IN RELATIVE POSITION. THIS WILL BE ACHIEVED WITHOUT OVER FLYING THE GROUND CREW. ALL OPERATIONS WILL BE CEASED UNTIL THE PROBLEM IS RECTIFIED. IN THE EVENT OF AN AIRCRAFT EMERGENCY, THE PILOT WILL RADIO GROUND PERSONNEL AND WILL ATTEMPT TO LAND IN THE EMERGENCY LANDING AREA.

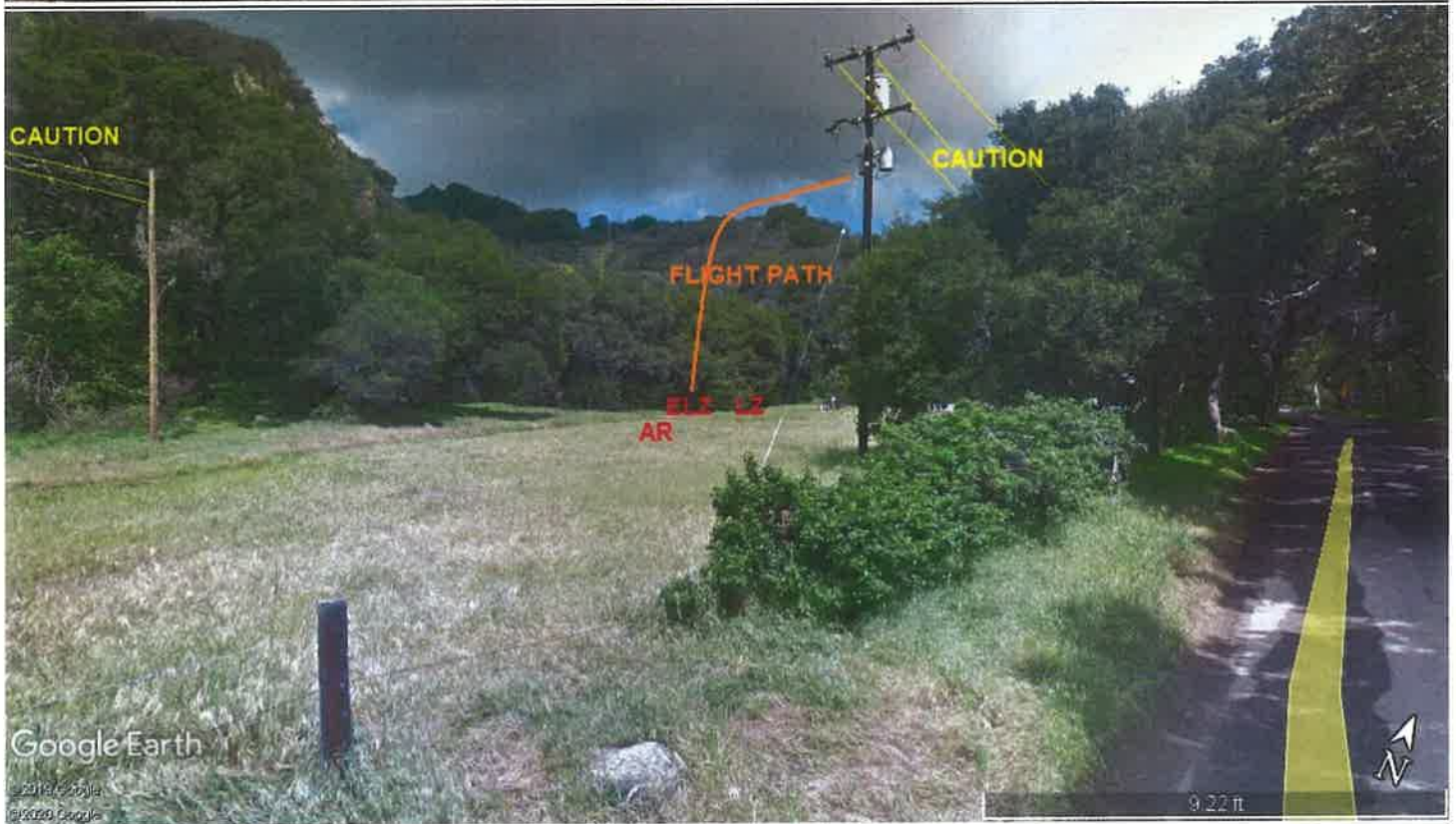
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM TO BE RECTIFIED.

THE OPERATIONS AREA IS WITHIN THE SECURED AREA. ALL ESSENTIAL CREW WITHIN THE OPERATIONS AREA WILL NOT BE INVOLVED IN TAKING PICTURES OR ANY OTHER USE OF CELL PHONES.

PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. DAY ONE AND DAY TWO THE HELICOPTER WILL LAND AT THE WEST POLE LZ AND CONDUCT HEC TRAINING AND A SAFETY MEETING. WHEN COMPLETE THE HELICOPTER WILL FLY THE MEN AND EQUIPMENT TO THE POLE SITE.
2. WHEN COMPLETE THE HELICOPTER WILL FLY TO THE EAST POLE LZ AREA AND CONDUCT HEC TRAINING AND A SAFETY MEETING. WHEN COMPLETE THE HELICOPTER WILL FLY THE MEN AND EQUIPMENT TO THE POLE SITE.
3. WHEN COMPLETE THE HELICOPTER WILL STANDBY FOR EXTRACTION OF MEN
4. DAY THREE THE HELICOPTER WILL LAND AT THE WEST POLE LZ CONDUCT TRAINING AND SAFETY MEETING. FLY MEN AND EQUIPMENT TO THE POLE SITE. THE HELICOPTER WILL THEN FLY TO THE EAST POLE SITE TO CONDUCT TRAINING AND SAFETY MEETING AND FLY MEN AND EQUIPMENT TO THE POLE SITE. WHICH EVER CREW IS READY FOR THE NEW POLE FIRST WILL HAVE THE POLE DELIVERED. ONCE BOTH POLES ARE SET WHEN THE CREWS ARE READY THE HELICOPTER WILL FLY EQUIPMENT AND OLD POLES OUT FOLLOWED BY EXTRACTION OF THE CREW
5. WEST SIDE POLE REQUIRES STREET CLOSURE DURING OPERATIONS
6. BOTH SITES REQUIRE WATER TRUCK AT LZ STAGING AREA
7. WEST POLE LZ MAY NEED TO HAVE TALL GRASS REMOVED FOR LZ
8. IF TREE TRIMMING IS REQUIRED THE CONTRACTOR WILL COMPLETE PRIOR TO START DATE
9. REMOTE AREA NO HOME EVACUATIONS









2-10-2020
DATE OF SUBMISSION

Jeffrey M. Joubert

COMPANY OFFICIAL / TITLE



SOUTHERN CALIFORNIA
EDISON[®]
An EDISON INTERNATIONAL[®] Company

SCE Aircraft Operations Flight Request Form

Instructions: Please complete this form in its entirety and email to: airops@sce.com or fax to 909-974-4678. Once this form is received by Aircraft Operations, you will receive a response within 24 hours. For questions call SCE Aircraft Operations Dispatch at PAX 11676.

Requestor Information

Flight requested by:*	CHRIS BROWN
Department:*	HOTLINE CONSTRUCTION INC
Pax:*	N/A
Cell Number:*	951-282-1467
Email Address:*	CBROWN@hotlineconstructioninc.com

SAP Accounting Number*	TD1495098
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Flight Description

Please choose a mission type:

- | | | |
|---|--------------------------------------|---|
| ☐ Camera – HD/IR | ☐ Line String | ☒ Pole-set |
| ☐ Crew support | ☐ Passenger | ☐ Recon |
| ☐ External Load | ☐ Patrol | ☐ Training |
| ☒ HEC | ☐ Photo | ☐ Need more info, please contact |

Mission specific details (ex: Passenger name, pole size/weight, external load type, etc):

R&R POLE 4611324E RM 45' CL4 WD IN 45' CL1 RS COMP SEC
APPROXIMATELY 34°30'28.77"N, 120° 3'51.41"W
APPROX HEAVIEST POLE WEIGHT : 1500 LBS

General Operating Location	REFUGIO RD, GOLETA
District	49 SANTA BARBARA
LZ Coordinates (if known)	
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	TBD - ASAP
Time of Pick-up	
Approx. mission duration (if known)	
Back-up date for mission (if known)	

Authorizer	
Authorizer PAX and cell number	

**required information*

[Click to e-mail form](#)

For office use only

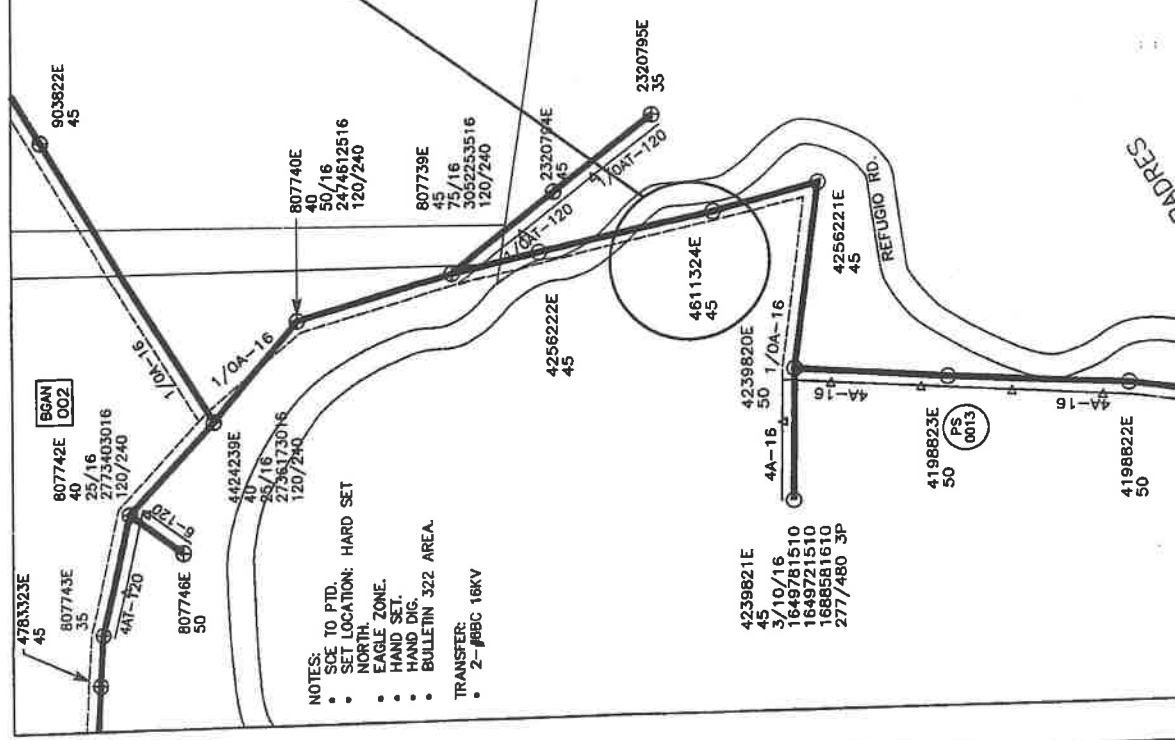
Date Received by Aircraft Operations: _____ Date Initial Contact Made: _____

Referred to contractor: ☐ No ☐ Yes, Date: _____ Company: _____

Follow up status: ☐ Week 1 _____

☐ Week 2 _____

☐ Week 3 _____

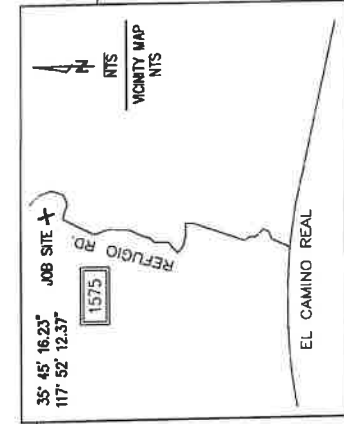


- NOTES:
- SEE TO PTD.
 - SET LOCATION: HARD SET
 - NORTH
 - EAGLE ZONE
 - HAND SET
 - HAND DNG.
 - BULLETIN 322 AREA
- TRANSFER:
- 2-#8BC 16KV

RM
45'
4611324E
Class C4
RM: 1- POLE 45' CLASS 4 WOOD RLL TREAT
RM: 1- XA SNGL VB 10' STEEL PINS
RM: 2- INS GLASS & PIN 16KV

POLE
45'
4611324E
Class C1
IN: 1- POLE 45' CLASS 1 COMP SEC POLE
IN: 1- XA SNGL TAN HD COMP 10' W/8KT
IN: 2- INS POLY W/PIN 16KV CLIP #6-4/0 CU

GPS COORDINATES
N 35° 45' 16.23"
W 117° 52' 12.37"
ELEVATION: 2500'



442
542

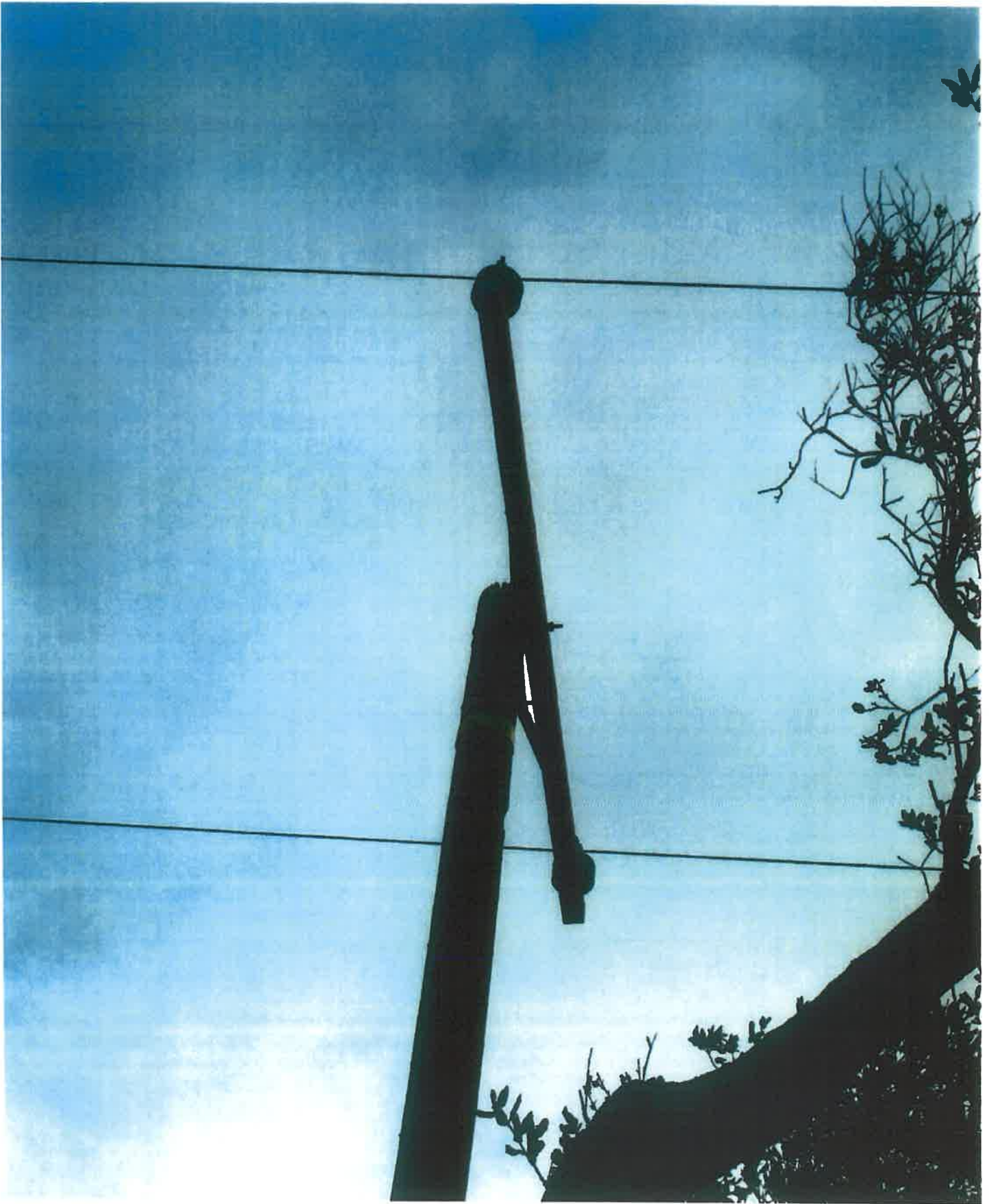
DISTRICT 49 - SANTA BARBARA	PROJ. MGR. TOLMASOFF, LAURA M	PLANNER TIDWELL	DESIGNER TIDWELL
PROJECT NO. 1715797	SERVICE REQUEST 2621923	PHONE 714-796-9811	PHONE 805-647-4707
GRANT / VOLTAGE MIST 16KV	THOMAS GUIDE N/A	PRODUCT-1 1495098-INFRA REPLAC	DESIGNER TIDWELL
SUB / PS NO. CAPITAN	CIRCUIT CODE	PRODUCT-2	DESIGNER TIDWELL
INVENTORY MAP 25-38	J.P.A. NO.	PRODUCT-3	DESIGNER TIDWELL
PROPOSED CONSTRUCTION (LOCATION)			
4611324E			
1575REFUGIO RD.,			
SANTA BARBARA			
DATE	APPROVED BY	CHECKED BY	DRAWN BY
			TIDWELL
TYPE			PAX #
Southern California Edison Company			DESIGN/DRAWING NO. 110956

4611324E



Dist.49 Deteriorated Pole
L / N

4611324E



Dist.49 Deteriorated Pole
L / E

4611324E



**Dist.49 Deteriorated Pole
L / W**



Google Earth

Imagery Date: 6/11/2018 34°30'40.64" N 120°04'07.62" W elev: 614 ft eye alt: 27000 ft

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1994



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| ☐ External Load | ☐ Patrol | ☐ Training |
| ☒ HEC | ☐ Photo | ☐ Need more info, please contact |

Mission specific details (ex: Passenger name, pole size/weight, external load type, etc):

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34.4610N, 119.9673W APPROX HEAVIEST POLE WEIGHT : 1200 LBS

General Operating Location	LAS VARAS CANYON RD
District	49 SANTA BARBARA
LZ Coordinates (if known)	
Pick-up location for passenger flights	
Drop-off location for passenger flights	

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**required information*

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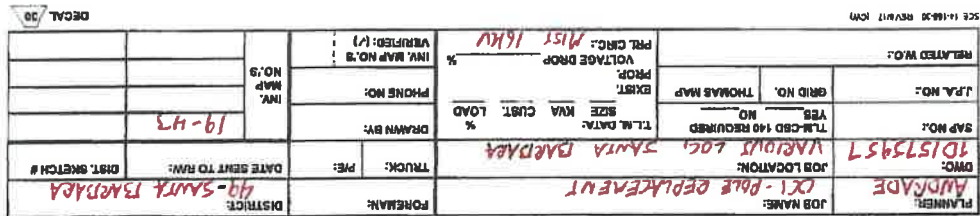
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☐ Week 2 _____

☐ Week 3 _____



541574 8488198





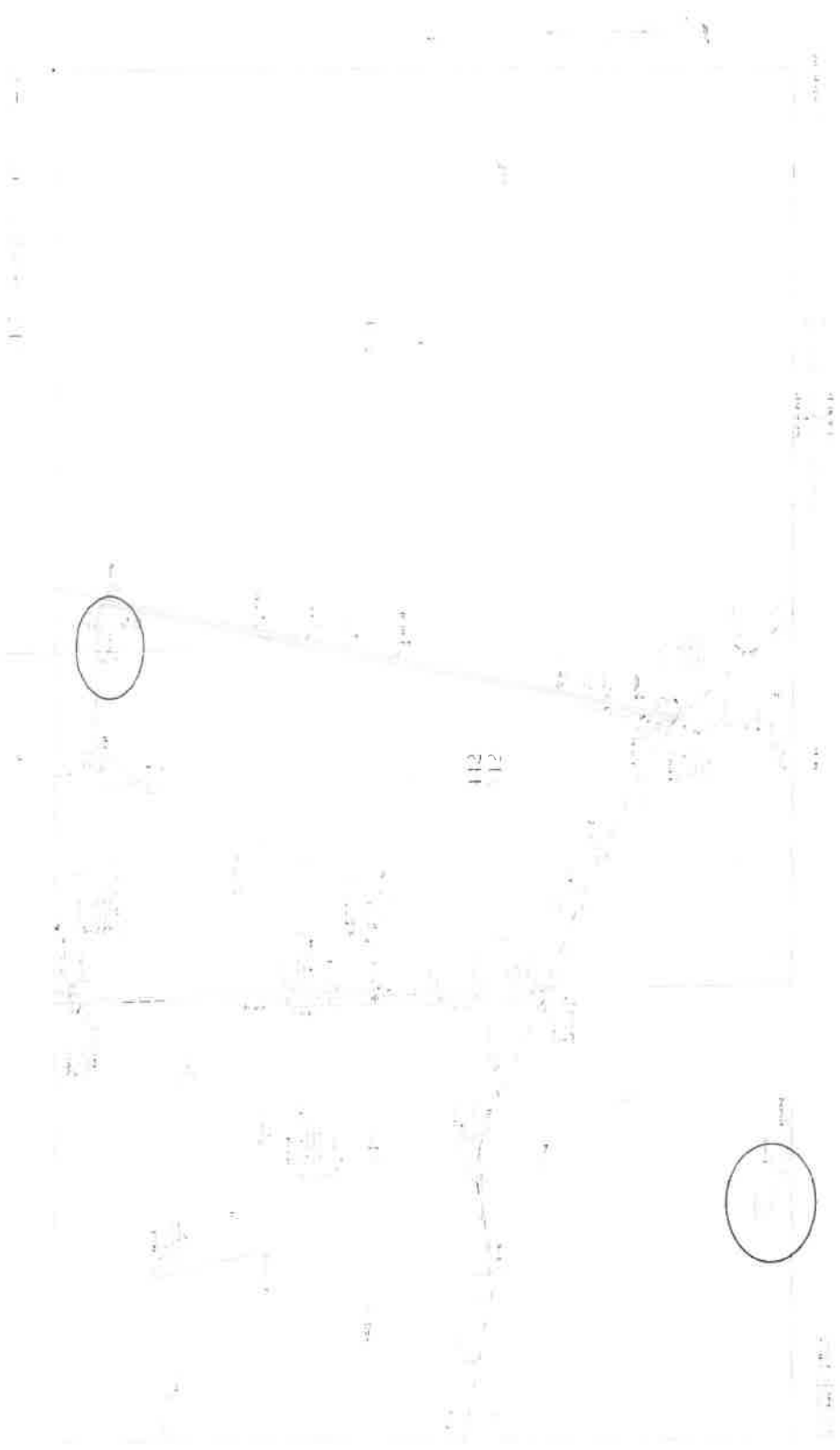


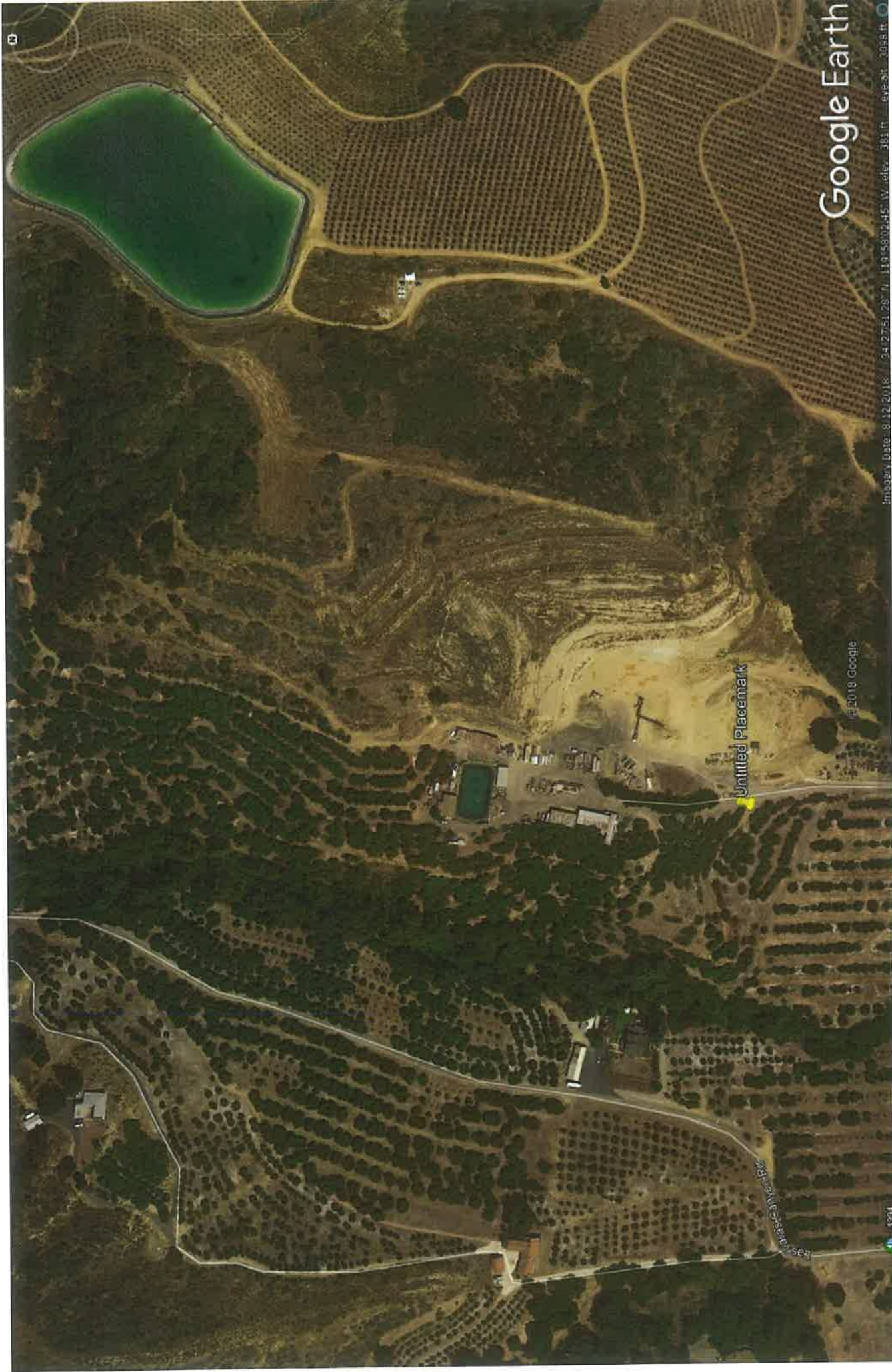


Comments



Comments





Google Earth

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Imagery Date: 8/12/2018 34.275128 119.580245 W. elev. 381 ft eye alt. 3096 ft