

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

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

- ☐ SAFETY BRIEF SIGN IN Arrow head 9-9-2019
- ☐ GHI CREW INTRODUCTION Non-cap
- ☐ IS A TRANSLATOR REQUIRED Sant Village LZ
- ☐ WORK STOP AUTHORITY 3 pole largest 45HZ 2500LBS
- ☐ DESIGNATE A 911 CALLER TDI5667438TDI56743TTDI566798
- ☐ 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

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 POLE REPLACEMENT WORK ORDER #: TD1566798, TD1567438, TD1567437
ADDRESS: SANTA VILLAGE : ARROWHEAD / CRESTLINE CA
SANTA VILLAGE LANDING ZONE LATITUDE 34°13'56.97"N LONGITUDE 117°10'9.66"W
STAGING AREA LATITUDE 34°13'57.71"N LONGITUDE 117° 8'16.58"W
POLE 1933706E LATITUDE 34°14'17.98"N LONGITUDE 117° 8'47.39"W
POLE 4656355E LATITUDE 34°14'22.58"N LONGITUDE 117° 8'47.28"W
POLE 1933711E LATITUDE 34°14'23.85"N LONGITUDE 117° 8'49.38"W
CONTACT AT SITE: STEVEN SCHIMPF PHONE#: 909-201-1565
PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166

2. BUCKEY MACKAY CERT #: 2778051
3. MARTIN RODRIGUEZ CERT #: 3555121
4. MICHAEL KLINK CERT# 33018828

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: (3) ↓ 45 H2 (1) ↑ 50 H1 2500 LBS (3) ↓ 45 50 H1 2500 LBS CLASS OF LOAD: EXTL CL B

TYPE OF ITEM LIFTING: POLE ☐ AERODYNAMIC ☒ NON- AERODYNAMIC

NO. OF LIFTS: 10 LONG LINE: (NO) XXX (YES) LESS THEN 100 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
9-9-2019	SUNRISE	SUNSET	9-4-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
TWIN PEAK POLICE	909-336-0600	WATCH COMMANDER	NOTIFY
SANT BERNARDINO FIRE	909-338-0625	STATION	NOTIFY

Evacuation

Crowd Control

Street Closure

☒ No Evacuated Structures

☒ Operator

☒ Yes ☐ No

☐ Evacuated Structures

☒ Contractor

☒ Contractor

☐ Operator



SECTION 7

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

Operator: Guardian Helicopters, Inc
67 D Street
Fillmore, California 93015

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
NONE		
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

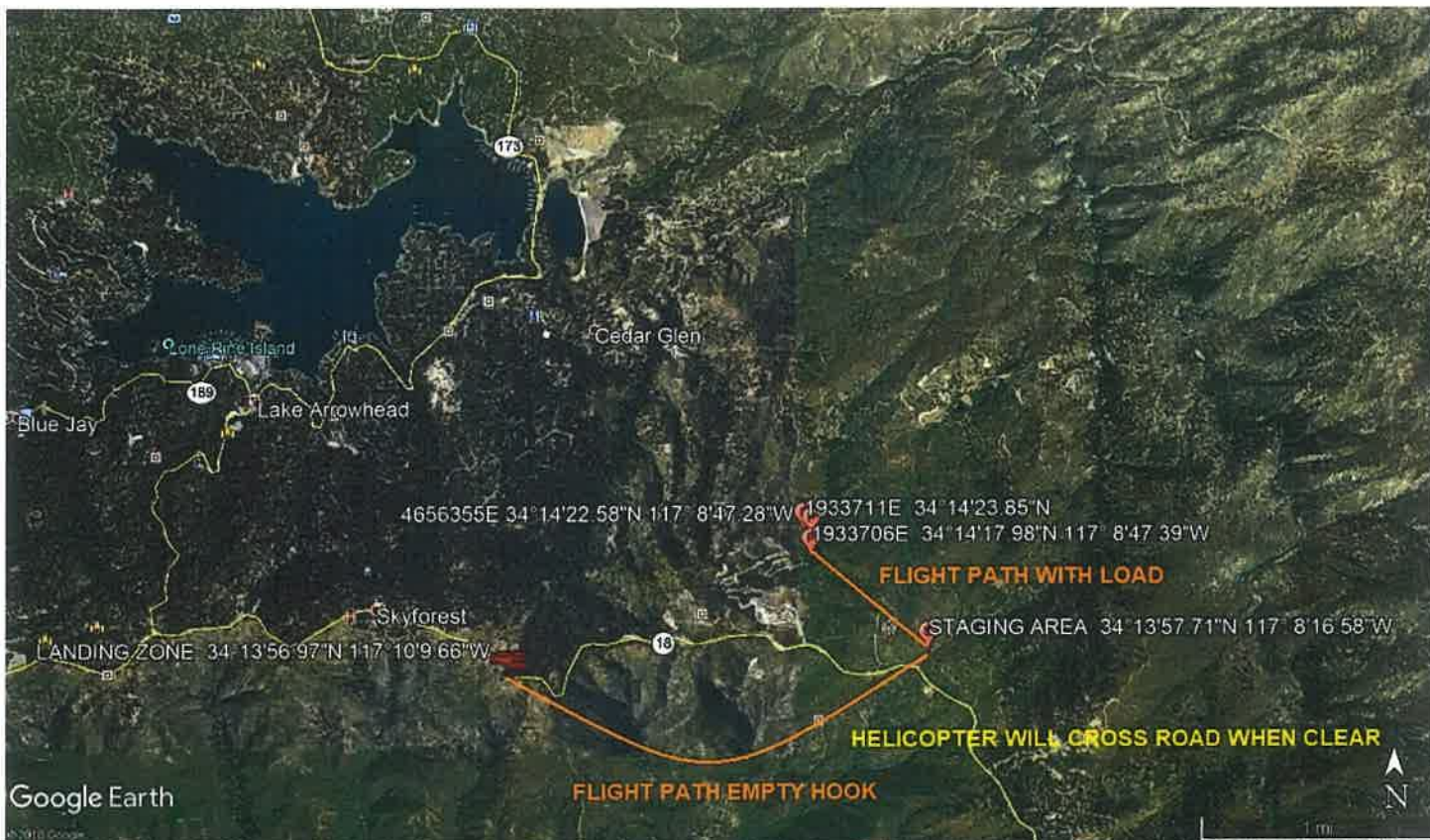
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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.

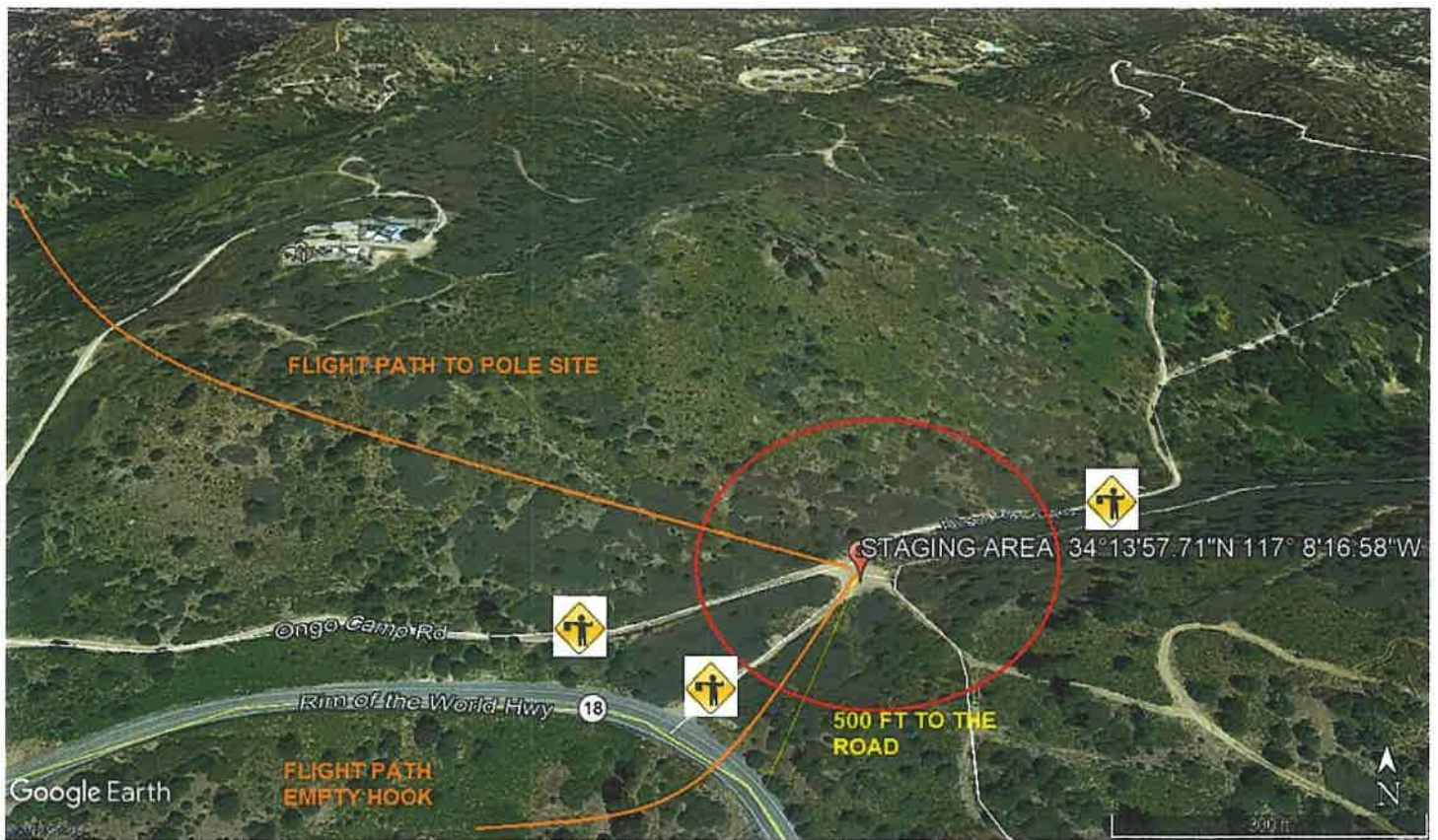
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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. HELICOPTER WILL LAND AT THE SANTA VILLAGE LZ TO CONNECT THE LONGLINE. THE POLES WILL BE STAGED AT THE STAGING AREA OFF OF ALLISON RANCH ROAD .
2. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. TAILBOARD SAFETY BRIEF CONDUCTED AT THE SANTA VILLAGE LZ PRIOR TO FLIGHT
5. FLAGMAN WILL NEED TO STOP TRAFFIC ON ALLISON RANCH AND ONGO RANCH ROAD WHILE HELICOPTER IS PICKING POLES FOR STAGING AREA
6. SEE DRAWING BELOW FOR LOCATIONS OF CLOSURES
7. WATER TRUCK REQUIRED AT ALLISON RANCH AND ONGO RANCH ROAD STAGING AREA
8. NO HOMES WILL REQUIRE EVACUATIONS
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED





Jeffrey M. Jentura

9-5-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

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:*	STEVEN SCHIMPF
Department:*	DISTRIBUTION
Pax:*	N/A
Cell Number:*	909-201-1565
Email Address:*	STEVEN.T.SCHIMPF@SCE.COM

SAP Accounting Number*	TD1566798, TD1567438, TD1567437
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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):

3 POLES (40' CL2, 50' CL2, & 45' H2) TO TO BE INSTALLED
 3 POLES (40' CL2, 45' CL2, & 45' H2) TO BE REMOVED
 GRAVEL TO BE FLOWN INTO TO POLE LOCATIONS

General Operating Location	RUNNING SPRINGS, CA. BEHIND HEAPS PEAK DUMP STATION
District	ARROWHEAD S/C
LZ Coordinates (if known)	SKYPARK HELIPAD 34.2314, -117.1692
Pick-up location for passenger flights	N/A
Drop-off location for passenger flights	N/A

Date(s) for which service is requested	9/24/19
Time of Pick-up	0730
Approx. mission duration (if known)	8 HOURS
Back-up date for mission (if known)	9/25 OR 9/25

Authorizer	KAREN GOLDE, DISTRICT MANAGER
Authorizer PAX and cell number	951-312-1146

**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 _____

REPLACE DETERIORATED POLE NOTIFICATION #410042320, DUE: 10/23/19

GPS COORDINATES:
34.239643, -117.147333

NOTES TO CREW:

- NO TRUCK ACCESS
- HELICOPTER SET AND HIKE IN
- TREE TRIMMING BY CREW
- WORK WITH TD1566798 AND TD1567438
- COORDINATE ACCESS WITH WASTE TRANSFER STATION
- REQUIRES 3-KEY TO ACCESS CLOSED LANDFILL AREA

HEAPS PEAK 33KV
BURNT MILL SUB A1

PROJECT REQUIREMENTS (Y/N)

- EDISON EASEMENT REQUIRED ☐
- PMRD 88 REQUIRED ☐
- UG CIVIL ONLY WORK ORDER ☐
- PERMIT REQUIRED ☐
- PERMIT TYPE: BLANKET
- OUTAGE REQUIRED ☐
- OUTAGE DATE: _____ TIME: _____
- TRAFFIC CONTROL REQUIRED ☐
- FED. TRAFFIC CONTROL REQ'D ☐
- CONVEYANCE LETTER REQ'D ☐
- ENVIRONMENTAL CLEARANCE REQ'D ☐
- CSD 140 (TLM) REQ'D ☐



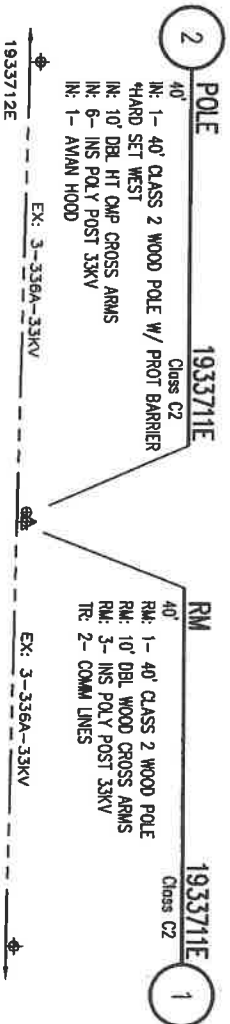
HEAVY LOADING AREA
PROJECT ELEVATION ABOVE 5000 FT

UNDERGROUND SERVICE ALERT

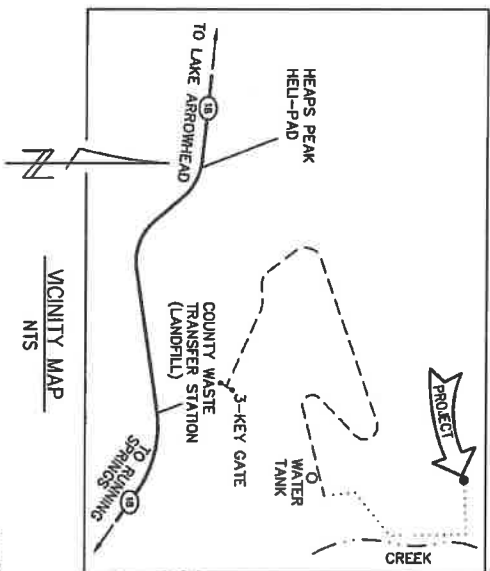
Call USA
Dial 811
For Underground Locating
2 Working Days Before You Dig

0124 Rev 02/09/18

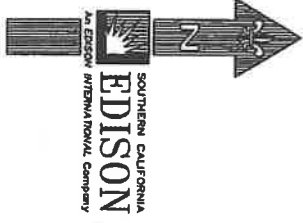
DISTRICT 40 - ARROWHEAD		PROJ. MGR. CLAUDE JAMES PHONE 909-273-7029		PLANNER CLAUDE JAMES PHONE 909-273-7029		DESIGNER CLAUDE JAMES	
PROJECT NO. 1784050		SERVICE REQUEST 2688487		HSE NO. N/A		PROJECT-1 1567437-OCI REPLACE DET POLE	
CROAT / VOLTAGE HEAPS PEAK 33KV		HOURS GUIDE N/A		PROJECT-2		ASSOC DESIGN	
SUB / PG NO. BURNT MILL A1		CIRCUIT CODE 08268		PROJECT-3		ASSOC DESIGN	
INVENTORY MAP 270-2256-1		U.P.A. NO. E6040-410271369		PROPOSED CONSTRUCTION (LOCATION) REPLACE DETERIORATED POLE		COUNTY LANDFILL	
DATE		APPROVED BY		CHECKED BY		DESIGNED BY	
Southern California Edison Company						1167391_0.01	



PROPOSED
POLE #1933711E
L/W



SCALE: 1" = 40'





REPLACE DETERIORATED POLE
NOTIFICATION #410043240; DUE: 10/23/19

GPS COORDINATES:
34.239521; -117.146339

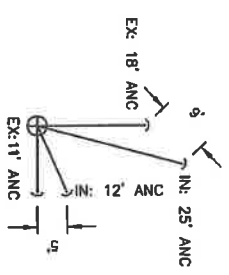
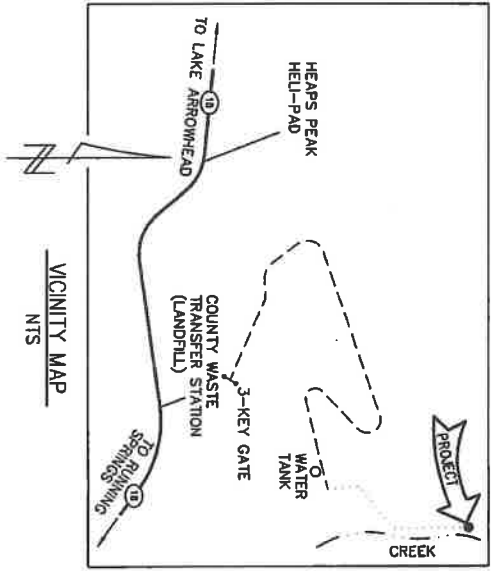
NOTES TO CREW:

- NO TRUCK ACCESS
- HELICOPTER SET AND HIKE IN
- TREE TRIMMING BY CREW
- WORK WITH TD1567436 AND TD1567437
- COORDINATE ACCESS WITH WASTE TRANSFER STATION
- REQUIRES 3-KEY TO ACCESS CLOSED LANDFILL AREA

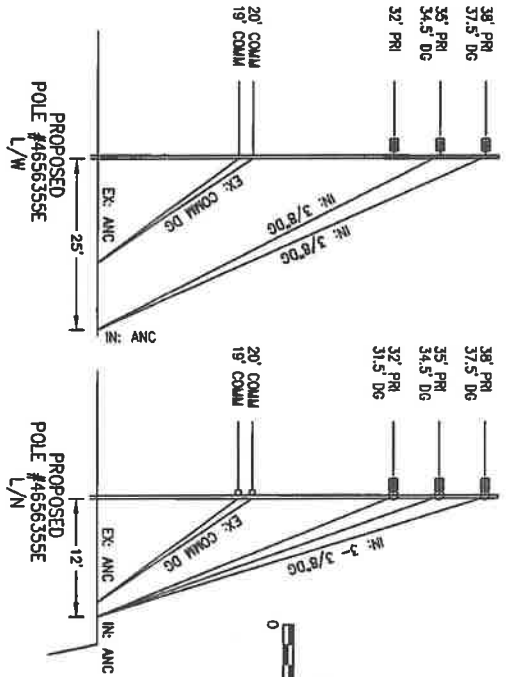
HEAPS PEAK 33KV
BURNT MILL SUB AI

PROJECT REQUIREMENTS (Y/N)

- EDISON EASEMENT REQUIRED ☐
- PWRD 88 REQUIRED ☒
- UG CIVIL ONLY WORK ORDER ☐
- PERMIT REQUIRED ☒
- OUTAGE REQUIRED ☐
- OUTAGE DATE: _____ TIME: _____
- TRAFFIC CONTROL REQUIRED ☐
- PED. TRAFFIC CONTROL REQD ☐
- CONVEYANCE LETTER REQD ☐
- ENVIRONMENTAL CLEARANCE REQD ☒
- CSD 140 (TLM) REQD ☐



ANCHOR LAYOUT DETAIL
NOT TO SCALE



SCALE: 1" = 40'

HEAVY LOADING AREA
PROJECT ELEVATION ABOVE 5000 FT

UNDERGROUND SERVICE ALERT
Dial 811
Call USA
For Underground Locating
2 Working Days Before You Dig

DISTRICT	440 - ARROWHEAD	PROJ. MGR.	CUMMINGS, JAMES	PLANNER	CUMMINGS, JAMES	DESIGNER	CUMMINGS, JAMES
PROJECT NO.	1783957	ISSUE REQUEST	12608394	USP NO.	N/A	PRODUCT-1	1566798-001 REPLACE DET POLE
CONTRACT / VENDOR	HEAPS PEAK 33KV	DESIGN	THOMAS GARD	PRODUCT-2	N/A	PRODUCT-2	
HEAPS PEAK 33KV		DESIGN	THOMAS GARD	PRODUCT-3	N/A	PRODUCT-3	
BURNT MILL AI		DESIGN	THOMAS GARD	PRODUCT-4	N/A	PRODUCT-4	
INVENTRY MAP	270-2256-1	IP-A, NO	E6040-40271480	PROPOSED CONSTRUCTION LOCATION			
DATE		APPROVED BY		CHECKED BY		DRAWN BY	
TYPE						PAX #	
Southern California Edison Company				SHEET 1 of 1			
				DESIGN/WORKING NO. 1166886_0.01			