

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:

- ☐ SAFETY BRIEF SIGN IN *Lake Gregory CA*
- ☐ GHI CREW INTRODUCTION *7-31-2019*
- ☐ IS A TRANSLATOR REQUIRED *(1) 45CL1 composite 1697*
- ☐ WORK STOP AUTHORITY *NON-CAP*
- ☐ DESIGNATE A 911 CALLER *L2*
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES *TD/475973*
- ☐ 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	☐ 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.
	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 ☐ IMSAFE Acronym Pilot fatigue mitigation must be briefed prior to work	☐ In case of Non-Company ground crew: Rigging procedures must be briefed ☐ No cell phone/camera use during external loads ☐ Essential crew only



SCE Aircraft Operations Flight Request Form

Requestor Information

SAP Accounting Number*	TD1475973
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Flight Description

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

Pole #387032E 45' CL1 Composite Pole the wood weighs 1697'

Authorizer	Scot Stueland
Authorizer PAX and cell number	951-288-5773

[Click to e-mail form](#)

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



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 REMOVAL WORK ORDER NUMBER: TD 1475973

ADDRESS: SAW MILL RD :LAKE GREGORY CA

LZ STAGTING AREA LATTITUDE: 34°15'3.65"N LONGITUDE 117°14'33.36"W ELEVATION 5600 FT

POLE 387032E LATTITUDE: 34°14'43.31"N LONGITUDE 117°15'5.05"W ELEVATION 4000 FT

CONTRACTOR'S NAME: BILL O'CONNOR PHONE#: 310-946-8686

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

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

TYPE OF LIFTS: (1) ☒ (1) ☒ < 1697 LBS MAX SINGLE – LIFT WEIGHT: 1697 LBS CLASS OF LOAD:

EXTERNAL CL B LONG LINE: LESS THEN 100 FT (LENGTH) OPERATIONAL ALTITUDE: < 250

STREET CLOSING: (N0) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
7-31-2019	SUNRISE	SUNSET	7-25-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
CRESTLINE SHERIFF DEPARTMENT	909-336-0600	DISPATCH	NOTIFY
SAN BERNARDINO COUNTY FIRE	909-337-8586	DISPATCH	NOTIFY

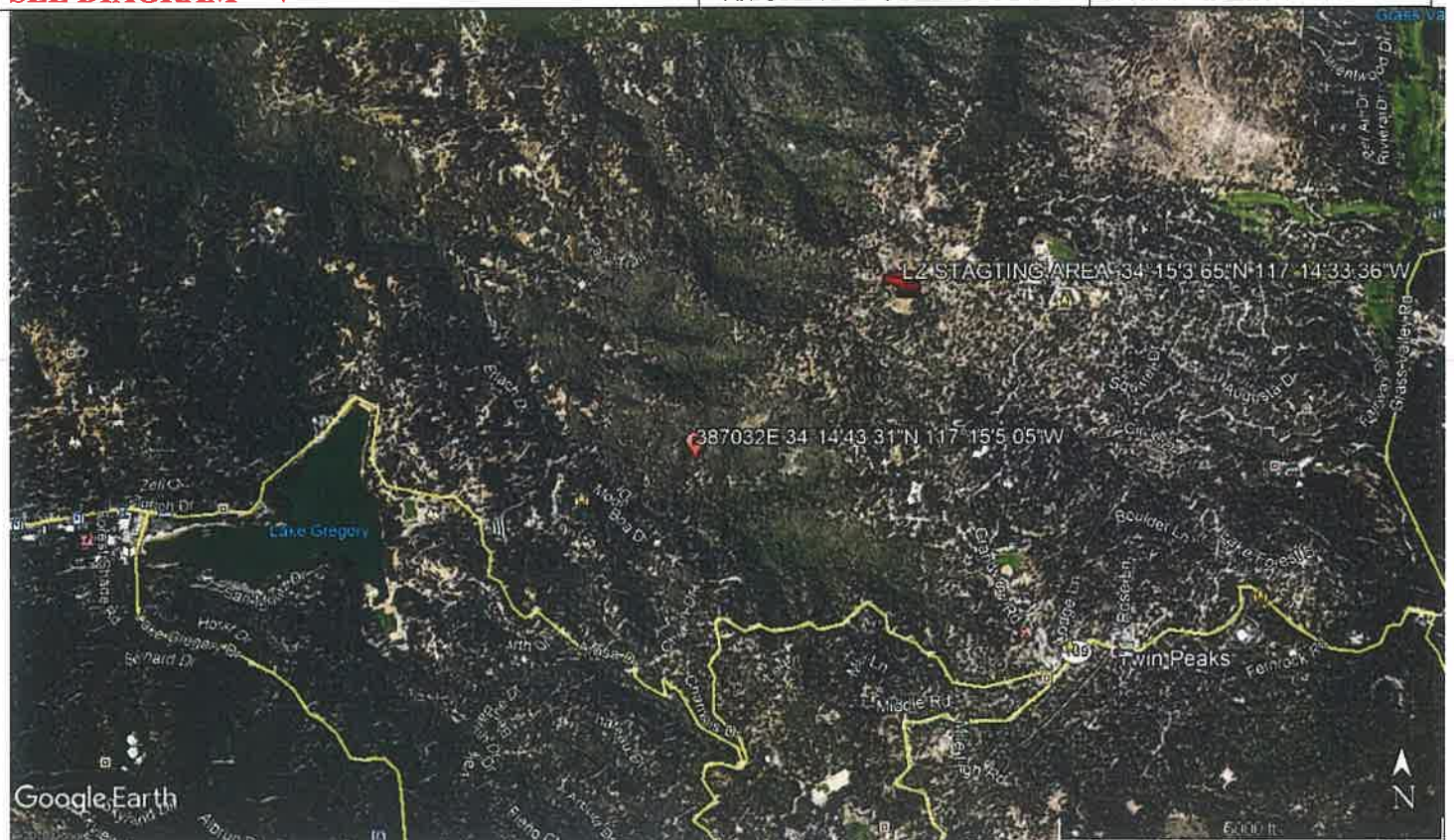


NON- Congested Area Plan (Continued)

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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	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	VACANT DURING OPS	HAND DELIVER





NON- Congested Area Plan (Continued)

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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.

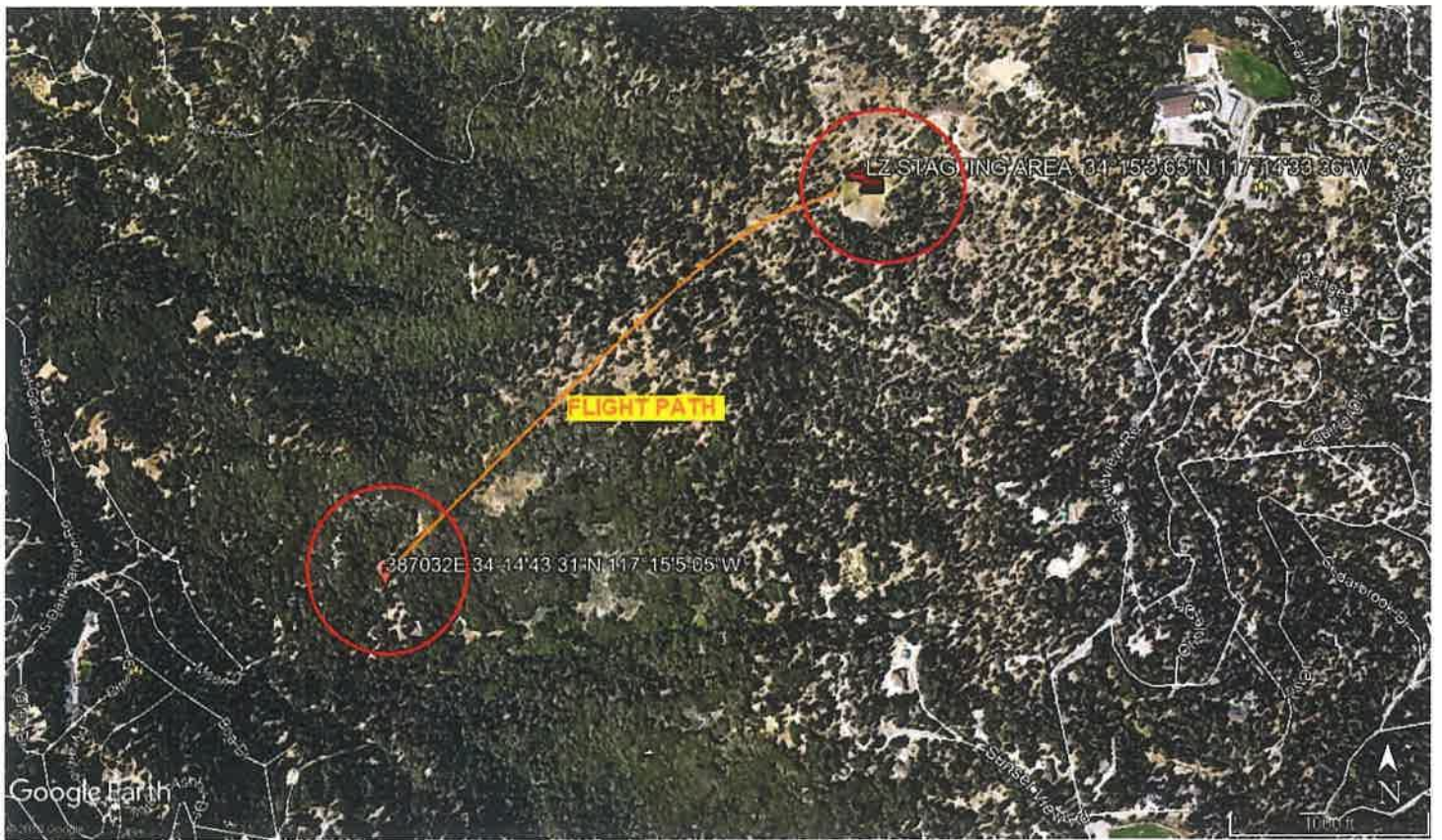
A TAILBOARD SAFETY MEETING WILL BE HELD AT THE ASSIGNED AREA PRIOR TO BEGINNING HELICOPTER OPERATIONS

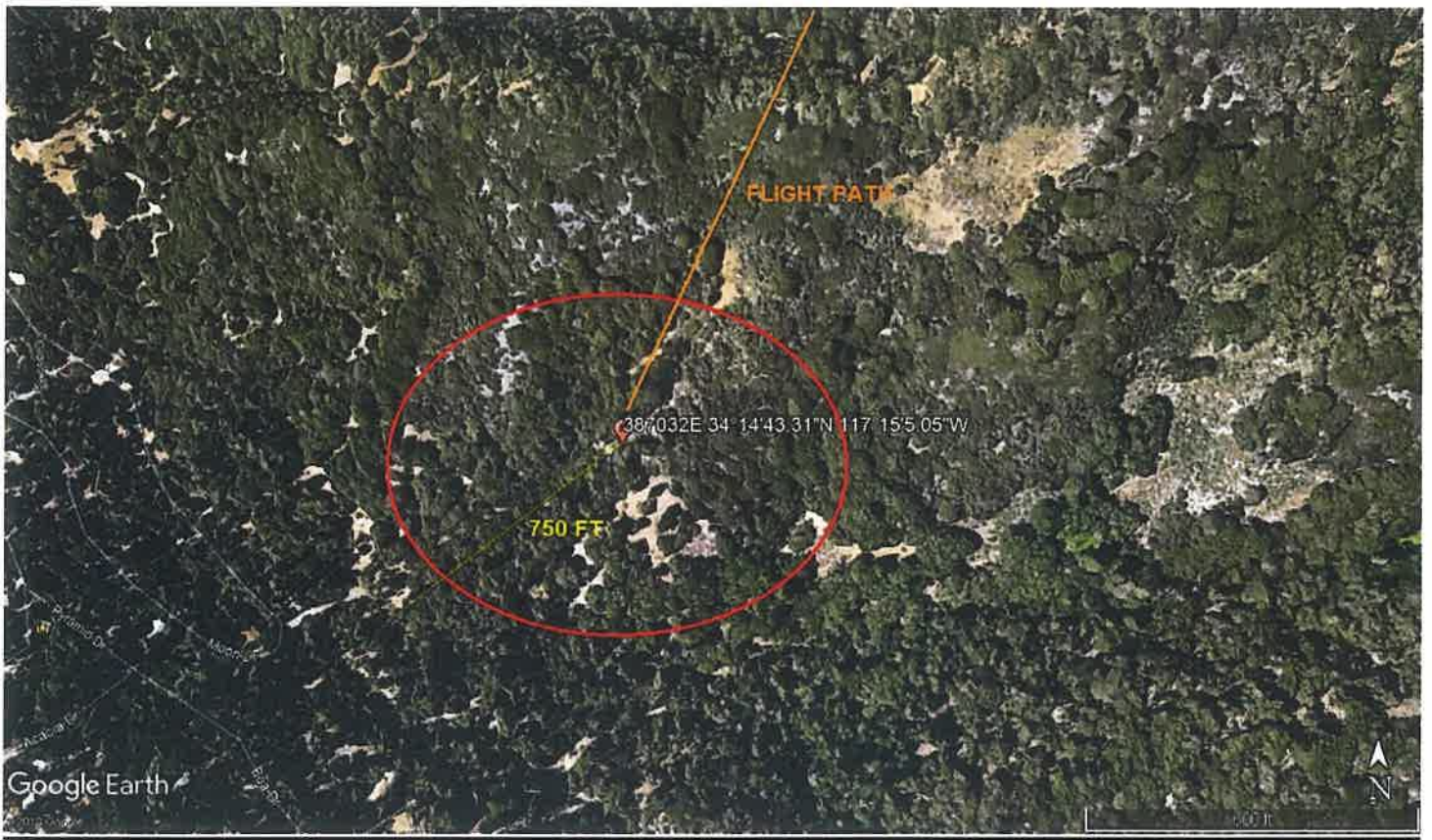
1. HELICOPTER WILL LAND IN THE STAGING / FUEL AREA OFF OF SAWMILL ROAD TAILBOARD WILL BE CONDUCTED AT LANDING ZONE
2. FUELING WILL ONLY BE CONDUCTED AT THE LZ STAGING AREA
3. POLE WILL BE STAGED AT LANDING ZONE
4. WATER TRUCK WILL BE PROVIDED FOR THE LANDING ZONE/ STAGING AREA
5. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
6. REMOTE AREA NO EVOCATIONS
- 7. ALL TREES AROUND AND NEAR THE POLE AND THE STAGING AREA WILL BE TRIMMED IF REQUIRED.**

7-29-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE





LEGEND

SITE PLAN SYMBOLS: EVACUATION FLIGHT PATH

LANDING AREA = (LZ)	STREET BLOCKED = XXXX	TOP TWO FLOORS = UBT2
ATTACH AREA = (A)	RELEASE AREA = (R)	
FLIGHT PATH = >>>	EMERGENCY LAND = (ELZ)	
UNOCCUPIED BUILDING = (UBA)	UNOCCUPIED BUILDING TOP FLOOR = (UBT1)	

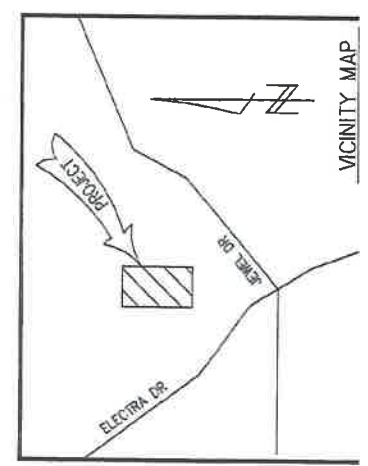
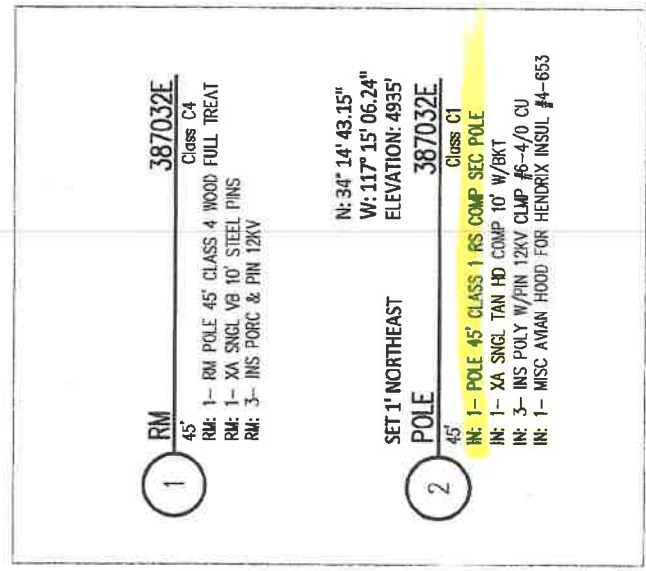
AREA SURVEY CONDUCTED BY : Jeffrey M. J. J. J.

7-31-19

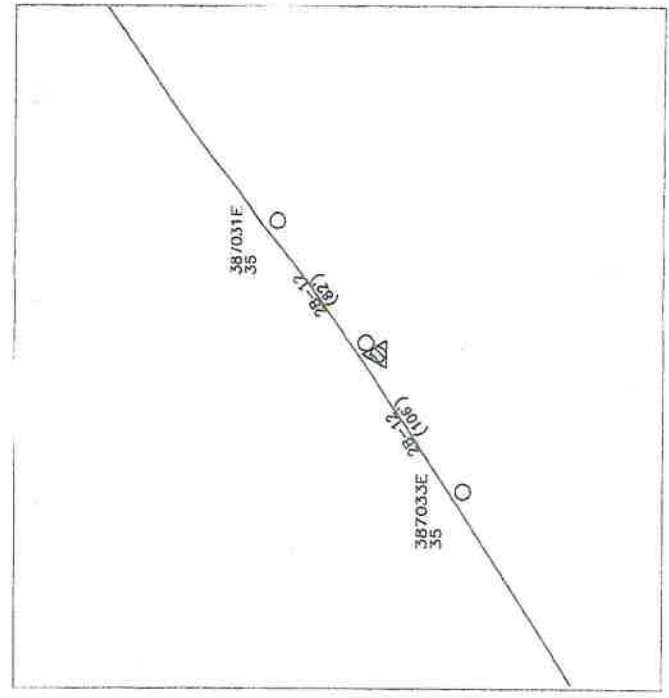
* NOTES:
HIGH FIRE - TIER 3
EAGLE ZONE
ENVIRO POLE - WOODPECKER / FOREST AREA
BULLETIN 322 AREA
RENTER - CONTACT CATV
HELICOPTER SET
COMPOSITE POLE
TR: 3/C 28C-12KV @ 37'6"
TR: 1-CATV RENTER @ 18'

- USAD 25089 moon Dr Access
- Pre Dig
- Traffic control
- can Drive close to
on Dirt rd.

- Primary outage
RCS 0334 142-0602-
25089 moon Dr RCS Location



PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	☒
PWRD 88 REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
PERMIT TYPE	OUTAGE REQUIRED
OUTAGE DATE:	TIME:
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒



NOT TO SCALE

DISTRICT	40 - ARROWHEAD	PROJ. MGR. ANTHONY GALLARDO	PLANNER HAMPTON TEDDER	DESIGNER HAMPTON TEDDER
PROJECT NO.	1690945	PHONE (909) 274-3524	PHONE (909) 678-1253	ASSOC. DES.
SERVICE REQUEST	2597427	NSR NO.	PRODUCT-1	ASSOC. DES.
CIRCUIT / VOLTAGE	RIM 12KV	THOMAS GUIDE	PRODUCT-2	ASSOC. DES.
SUB / PG NO.	BLUNT MILL SUB	CIRCUIT CODE	PRODUCT-3	ASSOC. DES.
J.P.A. NO.	272-2226-1	15090		
INVENTORY MAP				
PROPOSED CONSTRUCTION (LOCATION)				
387032E				
1063' N/O JEWELL DR, 1464' NE/O ELECTRA DR				
SAN BERNARDINO, CA				