

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: *Golefa / Dos Pueblos Camp*

- ☐ SAFETY BRIEF SIGN IN *1-10-2020*
- ☐ GHI CREW INTRODUCTION *NON-CAP*
- ☐ IS A TRANSLATOR REQUIRED *(2) pole 45cl1 Camp 45cl4 wood*
- ☐ WORK STOP AUTHORITY *TD 1485914 TD 1485903*
- ☐ 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

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

Tailboard & Helicopter Safety Briefing

Pilot:

Location:**Mission:****Aircraft:**[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 #: TD 14655008
ADDRESS: DOS PUEBLOS CANYON RD : GOLETA CA
LZ STAGING AREA LATITUDE 34°27'44.68"N LONGITUDE 119°58'3.72"W
2108853E LATITUDE 34°28'40.71"N LONGITUDE 119°57'4.68"W 45 CL 1 COMP 1500 LBS
455282E LATITUDE 34°28'28.36"N LONGITUDE 119°57'10.54"W 45 CL 4 WOOD 1500 LBS
CONTACT AT SITE; CHRIS BROWN PHONE#: 951-282-1467
PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MARTIN RODRIGUEZ CERT #: 3555121
4. MICHAEL KLINK CERT# 3018828
5. 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: POLES LOAD: EXTL CL B TYPE OF ITEM LIFTING: POLE EQUIPMENT ☐

AERODYNAMIC ☒ NON- AERODYNAMIC MAX 1700 LBS

NO. OF LIFTS: 2 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
1-10-2020	SUNRISE	SUNSET	1-1-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SANTA BARBARA SHERIFF	805-928-3781	WATCH COMMANDER	NOTIFY
SANTA BARBARA COUNTY FIRE	805-681-5518	STATION 18	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

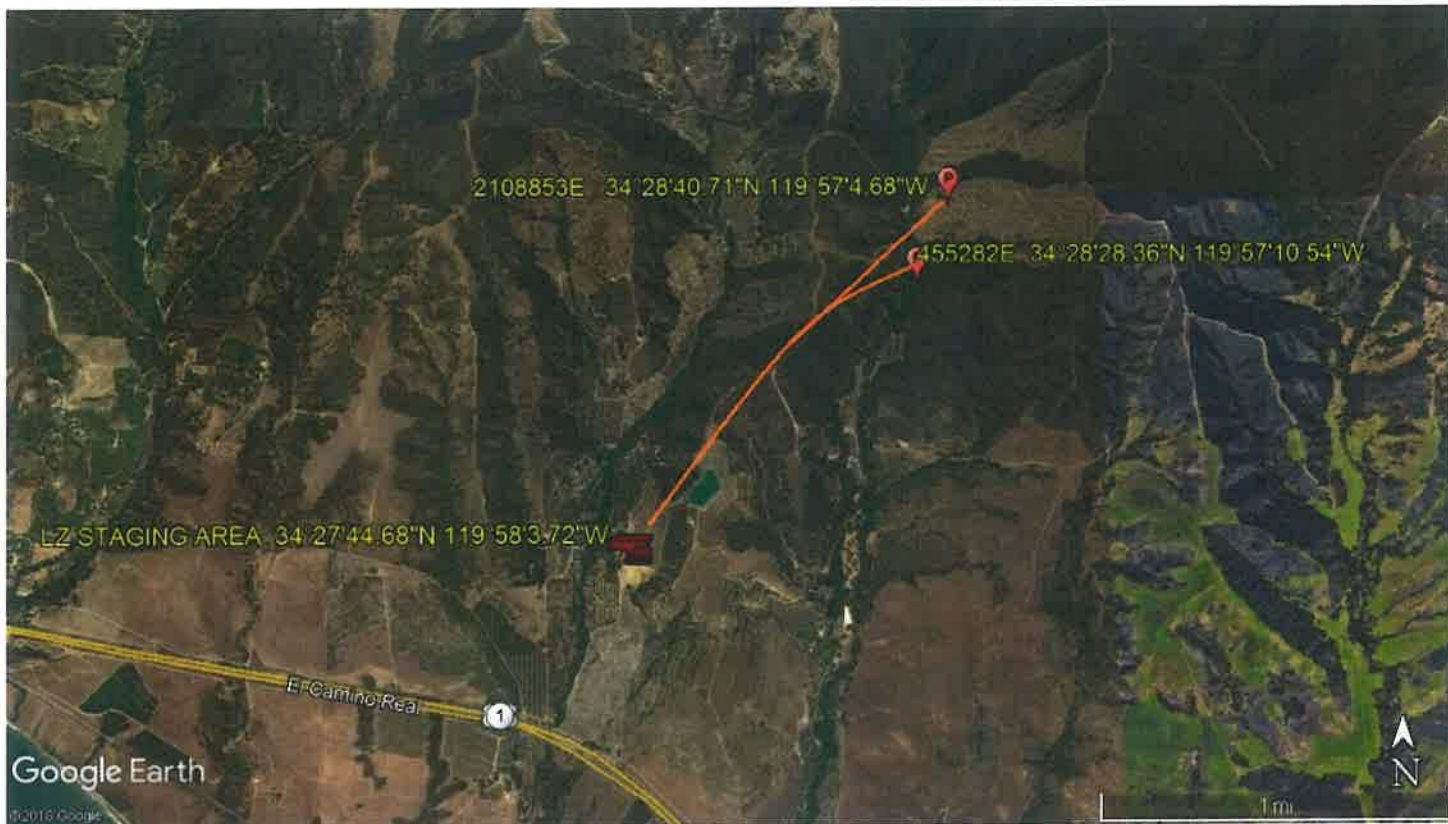
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE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

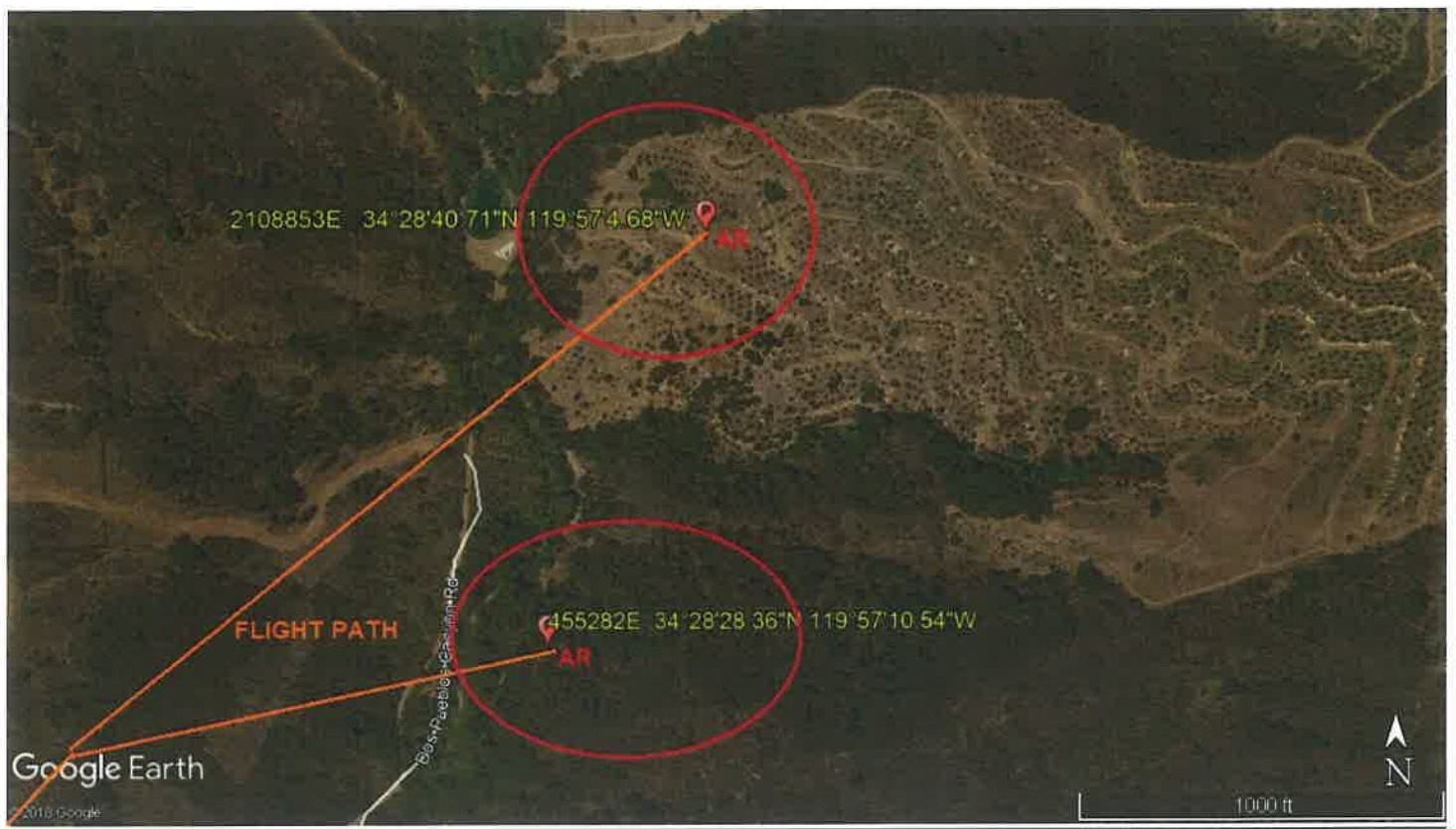
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS, THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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 LZ TO CONNECT THE LONGLINE AND CONDUCT A SAFETY TAILBOARD
2. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. TWO POLES WILL BE STAGED AT THE LZ
5. RADIOS WILL BE PROVIDED TO EACH POLE SITE
6. WATER TRUCK REQUIRED AT LANDING ZONE
7. NO STREET CLOSURES
8. THE CONTRACTOR WILL TRIM TREES IF REQUIRED





1-1-2020

DATE OF SUBMISSION

Jeffrey M. Feltner

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*	TD1485914 TD1485903
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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 455282E - RM 45' CL4 WD, IN 45' CL1 CMP SEC 34 28 28.64N, 119 57 10.76W

R&R 2108853E - RM 40' CL5 WD, IN 45' CL4 WD 34 28 40.71N, 119 57 4.68W

APPROX HEAVIEST POLE WEIGHT : 1500 LBS

General Operating Location	DOS PUEBLOS CANYON RD
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	12-13-19
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:

- SCE TO PTD.
- SET LOCATION: HARD SET SOUTH WEST.
- EAGLE ZONE.
- HAND SET.
- HAND DIG.
- BULLETIN 322 AREA.

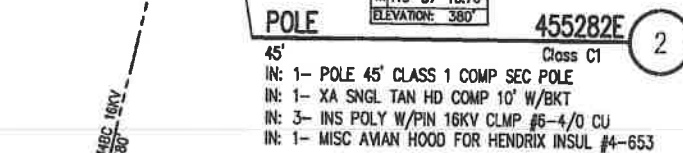
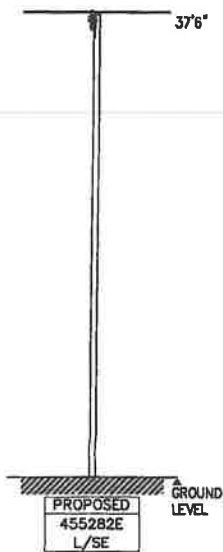
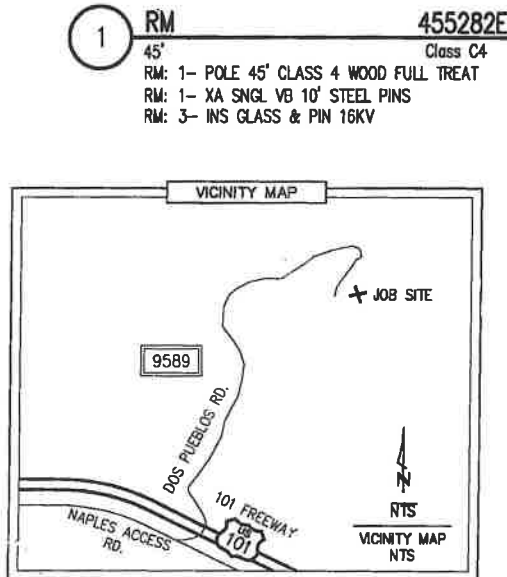
TRANSFER:

- 3-#4BC 16KV



HIGH FIRE
TIER 3
LOCATION

SECTIONAL COMPOSITE



SOUTHERN CALIFORNIA
EDISON
An EDISON INTERNATIONAL Company

NOT TO SCALE

PROJECT REQUIREMENTS (Y/N)		DISTRICT 49 - SANTA BARBARA		PROJ. MGR. TOLMASOFF, LAURA M PHONE 714-798-9811		PLANNER TIDWELL DESIGN PHONE 805-647-4707		DESIGNER TIDWELL DESIGN	
EDISON EASEMENT REQUIRED	☐	PROJECT NO. 1704228	SERVICE REQUEST 2610475	MER NO.	PRODUCT-1 1485914-INFRA REPLAC - DET POLE REPLACEMENT	ASSOC DESIGN			
PERMITS REQUIRED	☐	CIRCUIT / VOLTAGE MIST 16KV	THOMAS GUIDE N/A	PRODUCT-2	ASSOC DESIGN				
US CIVIL ONLY WORK ORDER	☐	SUB / PG NO. CAPITAN	CIRCUIT CODE	PRODUCT-3	ASSOC DESIGN				
PERMIT REQUIRED	☐	INVENTORY MAP 21-44		J.P.A. NO. N/A	PROPOSED CONSTRUCTION (LOCATION) 455282E 9589 DOS PUEBLOS RD., GOLETA				
OUTAGE REQUIRED	☐	DATE		APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET	
TRAFFIC CONTROL REQUIRED	☐	DATE		APPROVED BY	CHECKED BY	DRAWN BY	PAX #	DESIGN/DRWG NO. 1102367_0.01	
PER. TRAFFIC CONTROL REQ'D	☐	DATE		APPROVED BY	CHECKED BY	DRAWN BY	PAX #		
CONVEYANCE LETTER REQ'D	☐	DATE		APPROVED BY	CHECKED BY	DRAWN BY	PAX #		
ENVIRONMENTAL CLEARANCE REQ'D	☐	DATE		APPROVED BY	CHECKED BY	DRAWN BY	PAX #		
CSD 140 (TUM) REQ'D	☐	DATE		APPROVED BY	CHECKED BY	DRAWN BY	PAX #		

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Southern California Edison Company



Dist. 49 Deteriorated Pole
L / SE

455282E

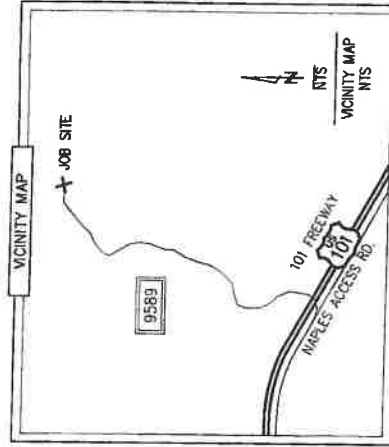
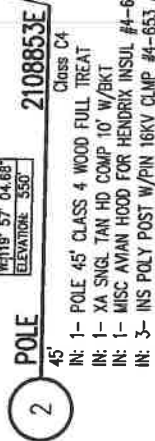
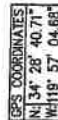
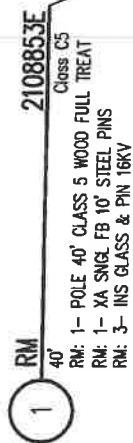
455282E



Dist. 49 Deteriorated Pole
L / NE

NOTES:

- SCE TO PTD.
- SET LOCATION: HARD SET NORTH EAST.
- EAGLE ZONE.
- BULLETIN 322 AREA.



NOT TO SCALE

PROJECT REQUIREMENTS (V/A)		DISTRICT		PROJ. WFR.		PLANNER		DESIGNER		
EDISON PAVEMENT REQUIRED		49	SANTA BARBARA	TOLMASOFF, LAURA M.		TIDWELL		TIDWELL		
PMD ON REQUIRED		50	SERVICE REQUEST	PHONE 714-790-9811		PHONE 805-847-4707				
CIVIL ONLY WORK ORDER		51	1704211	MSR NO. 1485903		PRODUCT-1		ASSOC DESIGN		
FEMIT REQUIRED		52	FERTIG / VOLTAGE	THOMAS GUIDE		PRODUCT-2		ASSOC DESIGN		
FEMIT REQUIRED		53	MUST 76KV	N/A				ASSOC DESIGN		
POINT TYPE		54	SUB / PG NO.	CIRCUIT CODE		PRODUCT-3				
OUTAGE REQUIRED		55	CAPITAN	J.P.A. NO.						
OUTAGE DATE		56	INVENTORY MAP	21-44		PROPOSED CONSTRUCTION (LOCATION)				
TRAFFIC CONTROL REQUIRED		57				2108853E				
PED. TRAFFIC CONTROL REQD		58				9589 DOS PUEBLOS CYN RD.,				
CONCRETE LATCH REQD		59				GOLETA				
ENVIRONMENTAL CLEARANCE REQD		60								
430 140 (L) REQD		61								
SHEET		62	TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET	
SHEET NO. 1102357		63	Southern California Edison Company							OF
SHEET NO. 1102357		64	DESIGN DRAWING NO.							0.01

2108853E

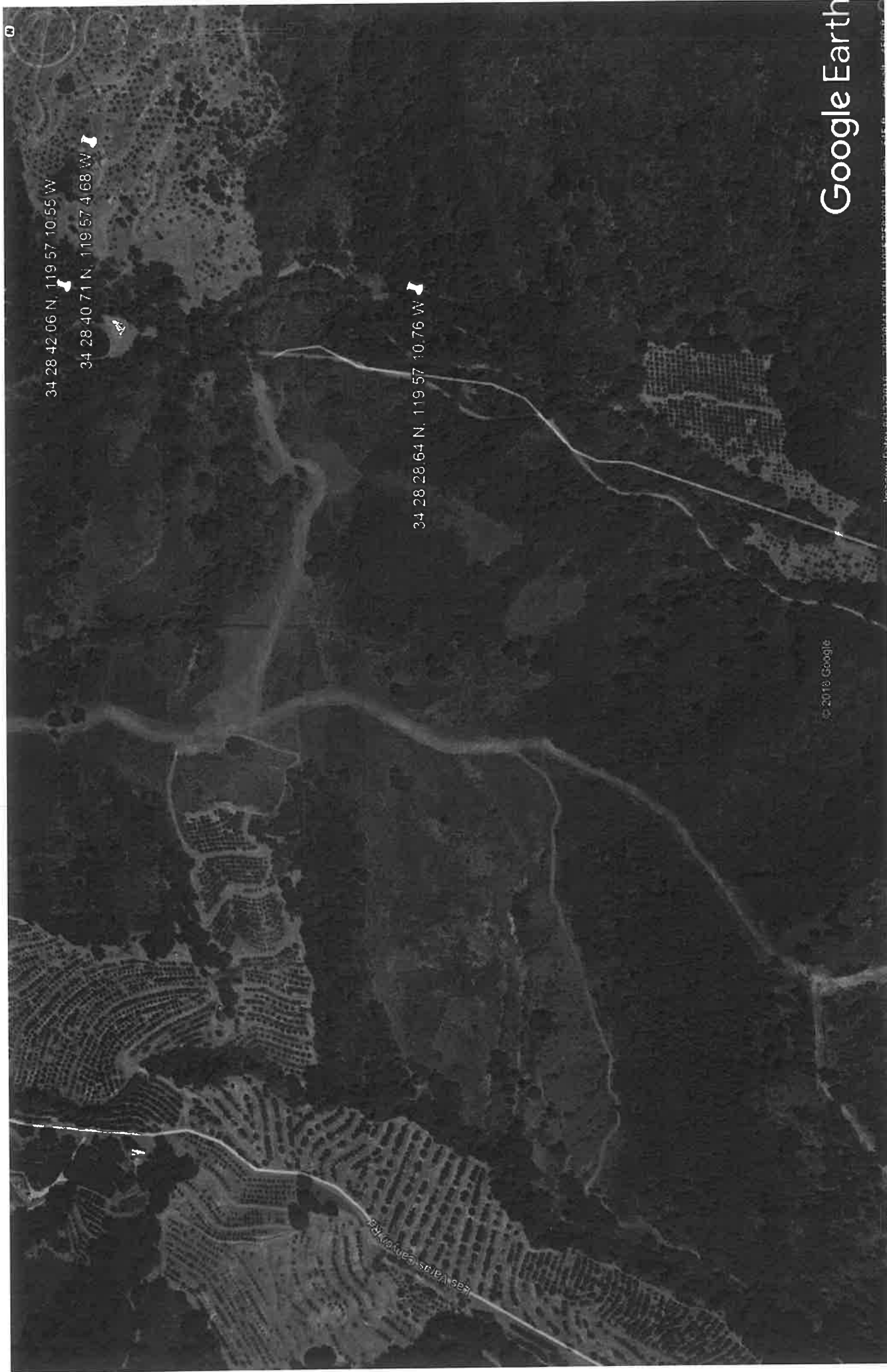


Dist. 49 Deteriorated Pole
L / NW

2108853E



Dist. 49 Deteriorated Pole
L / W



3

34 28 42.06 N, 119 57 10.55 W

34 28 40.71 N, 119 57 4.68 W

34 28 28.64 N, 119 57 10.76 W

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