

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
- ☐ 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

*Goleta
El Capitan Canyon / Calle Real
Two locations 5mk apart
Non-Cap
Calle Real 6-29 7-1 7-2 45CL Comp 1000 LBS
El Capitan Canyon 7-2 45CL wood 1500 LBS
TD 145980
TD 1662540*

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

Non-compliance with established procedures may result in your removal from the mission

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 145980 TD 1662540

ADDRESS: OCEAN MESA CALLE REAL : GOLETA CA

CALLE REAL

LANDING STAGING AREA LATITUDE 34°28'11.89"N LONGITUDE 120° 5'50.89"W

422144E LATITUDE 34°28'1.06"N LONGITUDE 120° 5'58.48"W 45 CL 1 COMP 1000 LBS

OCEAN MESA

LZ STAGING AREA LATITUDE 34°28'43.51"N 120° 1'12.38"W

4419118E LATITUDE 34°28'28.64"N LONGITUDE 120° 1'21.18"W 45 CL 1 WOOD 1900 LBS

CONTRACTOR'S NAME: CHRISTIAN OROZCO PHONE#: 805-561-2410

PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166

2. BUCKEY MACKAY CERT #: 2778051

3. MICHAEL KLINK CERT#: 3018828

4. IAN GOODALE CERT# :3741973

5. ROSS GOULET CERT# : 3396777

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

BELL UH-1H N# N777GH A/C CATEGORY: RESTRICTED

BELL 407 N# N407GH A/C CATEGORY: STANDARD

BELL 407 N# N447GH 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

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 POLE REPLACEMENT ONLY

MAX SINGLE – LIFT WEIGHT: 1900 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS: TBD LONG LINE: (NO) XXX (YES) LESS THEN 100 FT (LENGTH)

OPERATIONAL ALTITUDE: < 250 AGL STREET CLOSING: (N0) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
6-29-2020 HEC COMPRESSOR	SUNRISE	SUNSET	6-25-2020
7-1-2020 HEC COMPRESSOR	SUNRISE	SUNSET	6-25-2020
7-2-2020 HEC POLE	SUNRISE	SUNSET	6-25-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SANTA BARBARA COUNTY FIRE	(805) 965-5254	STATION 4	NOTIFY
SANTA BARBARA COUNTY SHERIFF	(805) 681-4100	DISPATCH	NOTIFY



NON- Congested Area Plan (Continued)

Evacuation

- ☐ No Evacuated Structures
☒ Evacuated Structures

Crowd Control

- ☒ Operator
☒ Contractor

Street Closure

- ☒ Yes ☐ No
☒ Contractor
☐ Operator

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
THREE CABINS AT EL CAPITAN CANYON	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	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.

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

1. HELICOPTER WILL AT ONE OF THE LANDING ZONE AREA TO CONDUCT A TAILBOARD
2. FUELING WILL ONLY BE CONDUCTED AT THE LZ STAGING AREA
- 3 THE POLES WILL BE STAGED AT THE ASSIGNED LANDING ZONE
6. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
7. EL CAPITAN CANYON WILL HAVE 3 CABIN VACANT AND STREET CLOSURE DURING OPERATION
8. CALLE REAL WILL EXPERIENCE INTERMITTENT CLOSURES NO EVACUATIONS
8. WATER TRUCK IS REQUIRED AT BOTH LZ
- 9 FOR STREET CLOSURE SEE DIAGRAM BELOW
10. TREE TRIMMER IS REQUIRED

FLIGHT SUMMARY

June 29th Calle Real HEC and Compressor

July 1st Calle Real HEC and Compressor

July 2nd Calle Real HEC Pole set

El Capitan/ Ocean Mesa pole set

ALL FLIGHT OPERATIONS WILL BE
BELOW 250 FT AGL

OPERATIONS AREA DIAGRAM

CALLE REAL JUNE 29, JULY 1 AND JULY 2





EL CAPITAN CANYON / OCEAN MESA

July 2, 2020





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.



Air Operation / Air Support Requests

Home Recycle Bin

Flight Request

 SOUTHERN CALIFORNIA EDISON An EDISON INTERNATIONAL Company		Aircraft Operations Flight Request Form		
If you have any questions, please call Aircraft Operations at : 909-974-4676				
- Requestor Information -			Flight Request ID: FR00485	
Flight Requested by: SCE: ☐ Contractor: ☒				
Requester Name: Christian Orozco Requester Email: corozco@hotlineconstructioninc.com Office Number: i.e. (xxx) xxx-xxxx		SAP/TD Accounting No: TD1465980, TD1662540 *Use commas to separate multiple numbers Cell Number: (805) 561-2410 i.e. (xxx) xxx-xxxx		
Company Name: Hotline Construction Contact Name: Christian Orozco Email Address: corozco@hotlineconstructioninc.com Phone Number: (805) 561-2410		i.e. name@site.com i.e. (xxx) xxx-xxxx		
- General Flight Information -				
General Area: Capitan		District: SANTA BARBARA		EOI Related? ☒
Pick-up location: LZ Coordinates (if known):		Drop-off location: Critical Due Date: 06/30/20		
Requested Start Date:		Requested End Date:		Time of Pick-up:
Note: Do not schedule outages until Air Ops has confirmed aircraft availability				
Approx. mission duration or number of days helicopter is required (if known): 3 days, 2 days digging and 1 day pole set				
- Flight Description -				
Please choose a mission type:				
Camera: ☐ HD ☐ IR Crew Support: ☐		SCE Passenger(s): ☐ Non-SCE Passenger(s): ☐		External Load: ☐ Recon: ☐ Training: ☐
Pole Set: ☒ Fill and attach this form if more than 5 Pole Sets. HEC: ☒ **Due to limited resources HEC jobs will take longer to schedule.		Patrol: ☐ Photo: ☐		Line Stringing: ☐
Approval attachment required.>>>				

APPROVED FRF TD1662540 4419448E.pdf
 FRF TD1465980 422144E.pdf
 RE_ (External)_Flight Request for
 TD1662540 4419448e & TD1465980
 422144e on the Mist 16kv.msg

Note: Please remove the following characters from the file title before attaching and Zip large files
 and folders with multiple files: # ~ / \ : * ? " < > | %

Please attach all Work Order Maps and Photos for Pole Sets

Note: Please contact us at AirOps@sce.com or 909-974-4676 for any issues.

2nd CONTACT

Name: Christian Orozco

Company Name: Hotline Construction

Email: corozco@hotlineconstructioninc.com

Mobile Number: (805) 561-2410

i.e. (xxx) xxx-xxxx

Mission Specific Details

Pole 4419448E is 1 day for pole set

Pole 422144E is 3 days total, 2 days flying compressors for digging + 1 day for pole set

Human External Cargo (HEC) - Approval must be obtained from:

Note:

OU Director or IC (unless Letter of Delegation is obtained)

Includes both SCE & Supplemental employees

Pole Set - Approval must be obtained from: Please attach all Work Order Maps and Photos

OU Requesting Manager or OSC

- Pole Set Information -

	Type	Length	Class	Weight (lbs)	Additional Equipment/Information	Weight (lbs)
1.	Wood	45	1	1950	Removing 45/4 wood, max weight 1225llbs	
	GPS Coordinates (Lat/Long): 34.47464 -120.02262					1,950
	Elevation: 280 Pole #: 4419448E					
	Compliance Due Date: 06/17/20			Pending Date: 06/30/20		
2.	Composite	45	1	660	Removing 45/4 wood, max weight 1250llbs Flying in small compressors, max weight 1650llbs 3 days total	1,650
	GPS Coordinates (Lat/Long): 34.466964, -120.099592					
	Elevation: 100 Pole #: 422144E					
	Compliance Due Date: 9/4/2020			Pending Date: 6/30/2020		
3.						
	GPS Coordinates (Lat/Long):					
	Elevation: Pole #:					
	Compliance Due Date:			Pending Date:		
4.						
	GPS Coordinates (Lat/Long):					
	Elevation: Pole #:					
	Compliance Due Date:			Pending Date:		
5.						
	GPS Coordinates (Lat/Long):					
	Elevation: Pole #:					
	Compliance Due Date:			Pending Date:		

Pole Weight Totals: 2610

Additional Equipment Weight Totals: 3600



SOUTHERN CALIFORNIA
EDISON
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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:*	CHRISTIAN OROZCO
Department:*	HOTLINE CONSTRUCTION INC
Pax:*	N/A
Cell Number:*	805-561-2410
Email Address:*	COROZCO@hotlineconstructioninc.com

SAP Accounting Number*	TD1662540
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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):

1 DAY POLE SET. 4419448E

RM: 45/4 WOOD 1225 LBS, IN: 45/1 WOOD 1950 LBS

COORDINATES: 34.47464 -120.02262 ELEVATION: 280 FT

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

Date(s) for which service is requested	
Time of Pick-up	0800
Approx. mission duration (if known)	8HRS
Back-up date for mission (if known)	

Authorizer	APPROVED <i>By Omar Sharif at 10:07 am, Jun 16, 2020</i>
Authorizer PAX and cell number	

**required information*

[Click to e-mail form](#)

For office use only

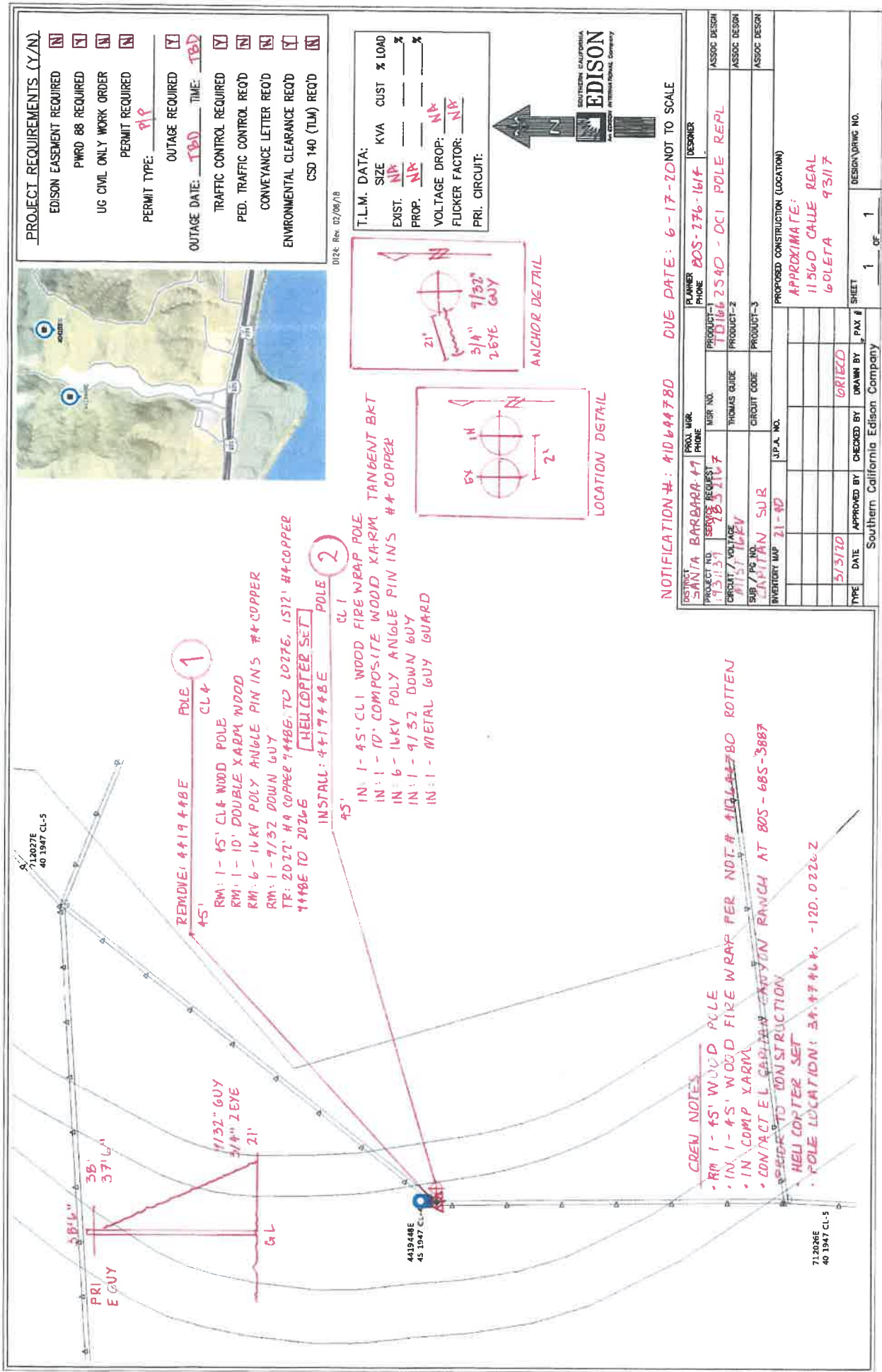
Date Received by Aircraft Operations: _____ Date Initial Contact Made: _____

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

Follow up status: ☐ Week 1 _____

☐ Week 2 _____

☐ Week 3 _____



PROJECT REQUIREMENTS (Y/N)

EDISON EASEMENT REQUIRED ☒
PMRD 88 REQUIRED ☒
UG CIVIL ONLY WORK ORDER ☒
PERMIT REQUIRED ☒
PERMIT TYPE: 419
OUTAGE REQUIRED ☒
OUTAGE DATE: TBD TIME: TBD
TRAFFIC CONTROL REQUIRED ☒
PED. TRAFFIC CONTROL REQ'D ☒
CONVEYANCE LETTER REQ'D ☒
ENVIRONMENTAL CLEARANCE REQ'D ☒
CSD 140 (TLM) REQ'D ☒



D124 Rev. 02/06/18

T.L.M. DATA:
EXIST. SIZE KVA CUST % LOAD
PROP. NR NR NR NR
VOLTAGE DROP: NR
FLICKER FACTOR: NR
PRI. CIRCUIT:



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NOTIFICATION #: 410644780 DUE DATE: 6-17-20 NOT TO SCALE

DISTRICT	PROJECT NO.	ISSUANCE REQUEST	PLANNER	PHONE	DESIGNER
SANITA	BARBARA-41	15/3/20	BOS-276-1617		
PROJECT NO.	THOMAS GUIDE	PRODUCT-1	PRODUCT-2	PRODUCT-3	ASSOC DESIGN
15/3/20	15/3/20	15/3/20	15/3/20	15/3/20	15/3/20
CIRCUIT / VOLTAGE	CIRCUIT CODE	PRODUCT-1	PRODUCT-2	PRODUCT-3	ASSOC DESIGN
15/3/20	15/3/20	15/3/20	15/3/20	15/3/20	15/3/20
SUB / PG NO.	INVENTORY MAP	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION)	APPROXIMATE:	DESIGN DRAWING NO.
15/3/20	15/3/20	15/3/20	15/3/20	15/3/20	15/3/20
DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET
15/3/20	15/3/20	15/3/20	15/3/20	15/3/20	15/3/20
TYPE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET
15/3/20	15/3/20	15/3/20	15/3/20	15/3/20	15/3/20
Southern California Edison Company					1 of 1

