

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: Jalama Beach

- | | |
|---|-------------------------------|
| ☐ SAFETY BRIEF SIGN IN | 4-27-2020 4-28-2020 4-29-2020 |
| ☐ GHI CREW INTRODUCTION | UH-1H / ABC A/C |
| ☐ IS A TRANSLATOR REQUIRED | (7) pole, compressors |
| ☐ WORK STOP AUTHORITY | TD1576994 TD579790 |
| ☐ DESIGNATE A 911 CALLER | NON-CAP |
| ☐ 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

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) 442-990

PROJECT: EDISON HEC POLE REPLACEMENT WORK ORDER #: TD 1579790 TD 1576994

ADDRESS: JALAMA BEACH ROAD : LOMPOC CA

LZ STAGING AREA LATITUDE 34°30'49.63"N LONGITUDE 120°27'22.01"W

712280E 712281E LATITUDE 34°30'51.91"N LONGITUDE 120°26'46.41"W 45 CL 1 COMPOSITE

712288E LATITUDE 34°30'53.79"N LONGITUDE 120°26'5.36"W 40 CL 1 COMPOSITE

712290E 712291E LATITUDE 34°30'56.53"N LONGITUDE 120°25'56.82"W 40 CL 1 COMPOSITE

4783315E LATITUDE 34°31'10.00"N LONGITUDE 120°25'34.54"W 50 CL 1 COMPOSITE

CONTRACTOR'S NAME: HOT LINE CONSTRUCTION PHONE#: 805-561-2410

CONTACT AT SITE; 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# : 339677

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 HEC ☐ 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: COMPRESSOR POLES AND EQUIPMENT

MAX SINGLE – LIFT WEIGHT: 1500 LBS CLASS OF LOAD: EXTERNAL CL B

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

OPERATIONAL ALTITUDE: < 250

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
4-27-2020	SUNRISE	SUNSET	4-20-2020
4-28-2020	SUNRISE	SUNSET	4-20-2020
4-29-2020	SUNRISE	SUNSET	4-20-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SANTA BARBARA SHERIFF	805-686-8150	BUELTON	NOTIFY
SANTA BARBARA COUNTY FIRE	805-681-5518	STATION 18	NOTIFY



**GUARDIAN
HELICOPTERS, INC.**

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:

BUILDING DESCRIPTION/ADDRESS	OWNER(S):	PHONE #:
N/A	N/A	N/A
N/A	N/A	N/A

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 TAIL BOARD SAFETY MEETING WILL BE HELD AT BOTH THE STAGING AREAS PRIOR TO HELICOPTER OPERATIONS

1. HELICOPTER WILL LAND AT THE AT THE LZ STAGING AREA TO CONNECT LONG LINE AND CONDUCT HEC TRAINING AND A SAFETY TAILBOARD. THE POLE WILL FRAMED NEAR THE LZ STAGING AREAS

2. FUELING WILL ONLY BE CONDUCTED AT STAGING AREA

3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH

4. REMOTE AREA OPERATING AREA. NO EVACUATIONS

5. PROVIDE WATER TRUCK FOR LZ STAGING AREA

6. FLAGMAN WILL STOP TRAFFIC WHEN HELICOPTER IS CROSSING JALAMA ROAD

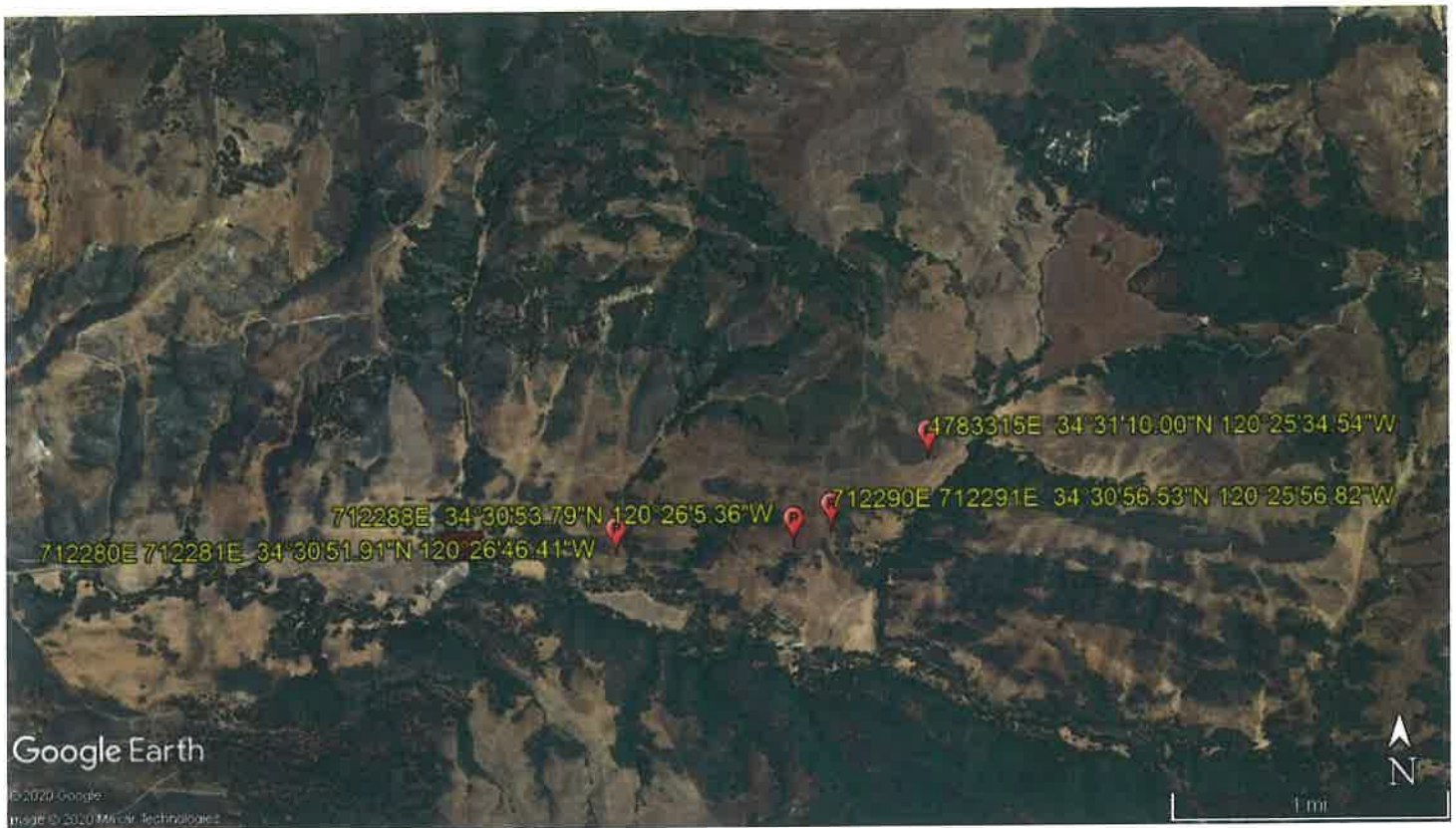
Jeffrey M. Jackson

4-21-2020

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

OPERATIONS AREA DIAGRAM







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)	

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*	TD1576994
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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):

712280E & 712281E RM: 40' CL 5 IN: 45' CL 1 COMPOSITE

HEAVIEST POLE: 900 LBS

General Operating Location	SANTA BARBARA
District	49
LZ Coordinates (if known)	POSSIBLE LZ 34.511038, -120.432325
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	charles.guevara@sce.com	Digitally signed by charles.guevara@sce.com DN: cn=charles.guevara@sce.com Date: 2020.03.10 05:00:50 -07'00'
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 _____

TD1576994

CONCEPTION 18KV

GAVIOTA SUB

PROJECT REQUIREMENTS (Y/N)

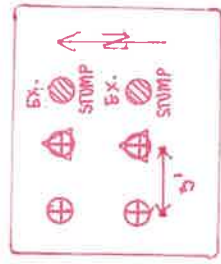
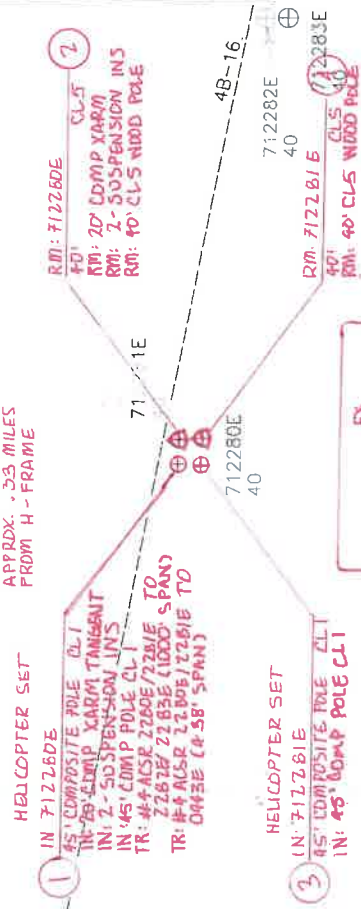
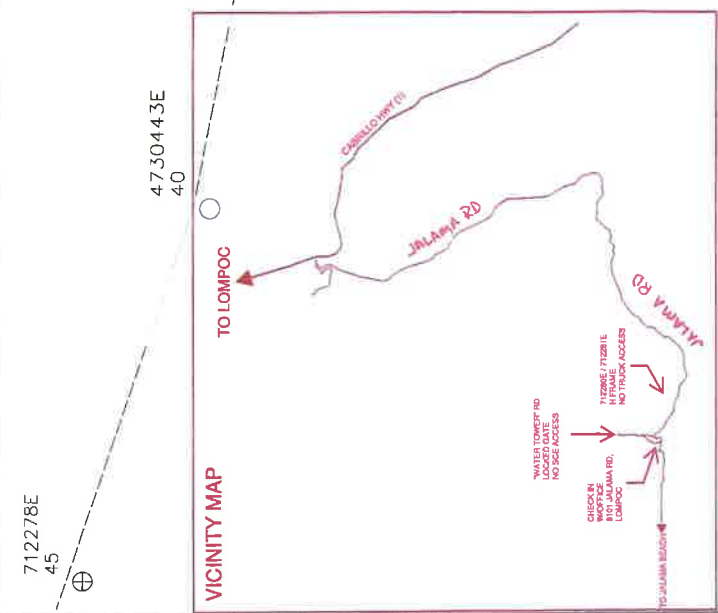
- EDISON EASEMENT REQUIRED ☒
- PWRD 88 REQUIRED ☒
- UC CIVIL ONLY WORK ORDER ☒
- PERMIT REQUIRED ☒
- OUTAGE REQUIRED ☒
- TRAFFIC CONTROL REQUIRED ☒
- PED. TRAFFIC CONTROL REQ'D ☒
- CONVEYANCE LETTER REQ'D ☒
- ENVIRONMENTAL CLEARANCE REQ'D ☒
- CSD 140 (TLM) REQ'D ☒

0124 Rev. 07/08/18

T.L.M. DATA:
EXIST. SIZE KVA CUST % LOAD
PROP. ☒ 18KV ☒ 18KV ☒ 18KV
VOLTAGE DROP: ☒ NP
FLICKER FACTOR: ☒ NP
PRI. CIRCUIT: CONCEPTION 18KV



NOT TO SCALE



- CREW NOTES
- NO VEHICLE ACCESS TO H-FRAME. HELICOPTER SET ONLY
 - CHECKIN / COORDINATE WITH JALAMA RANCH HEADQUARTERS
 - DEPUTY BILL LEWIS (240) 271-7838
 - OFFICE LINE: 805-736-7300
 - WATCH FOR DEER ON ROAD / MOUNTAIN LION AREA
 - NO CELL SERVICE FROM JALAMA RD EXIT TO H-FRAME
 - SCE CREW TO REMOVE 2-45' CLS WOOD POLES (H-FRAME)
 - SCE CREW TO INSTALL 2-45' COMPOSITE CL1 POLES (H-FRAME) VIA HELICOPTER SET
 - 2180E / 2181E TO 2282E / 2283E = 1000' SPAN
 - 2180E / 2181E TO 2282E = 458' SPAN
 - 2180E LOCATION: 34.519420, -120.446224

DISTRICT	49 - SANTA BARBARA	PROJ. MGR.	PHONE	PLANNER	RICH GRIECO	DESIGNER	
PROJECT NO.	SERVICE REQUEST	MSR NO.		PRODUCT-1	TD1576994	ASSOC DESIGN	
CIRCUIT / VOLTAGE	CONCEPTION 18KV	THOMAS GUIDE		PRODUCT-2		ASSOC DESIGN	
SUB / PG NO.	GAVIOTA SUB	CIRCUIT CODE		PRODUCT-3		ASSOC DESIGN	
INVENTORY MAP 26.17	J.P.A. NO.						
PROPOSED CONSTRUCTION (LOCATION)							
8101 JALAMA RD (APPROXIMATE)							
LOMPOC							
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET	DESIGN/DRAWING NO.
						1 OF 1	

712280E

712281E



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SAP Accounting Number*	TD1579790
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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):

* 4783315E RM:50' CL 4 WOOD IN:50' CL 1 COMPOSITE HEAVIEST POLE:1,420
 712288E RM:40' CL 5 WOOD IN:40' CL 1 COMPOSITE
 *712291E & 712290E RM:40' CL 5 WOOD IN:40' CL 1 COMPOSITE

General Operating Location	SANTA BARBARA
District	49
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Date(s) for which service is requested	
Time of Pick-up	0800
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Authorizer	charles.guevara@sce.com	Digitally signed by charles.guevara@sce.com DN: cn=charles.guevara@sce.com Date: 2020.03.10 04:54:33 -07'00'
Authorizer PAX and cell number		

**required information*

[Click to e-mail form](#)

For office use only

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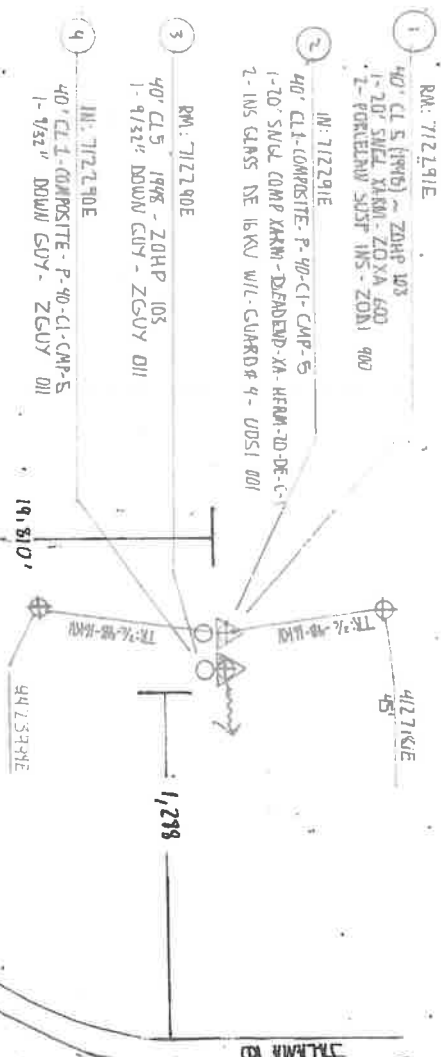
Referred to contractor: ☐ No ☐ Yes, Date: _____ Company: _____

Follow up status: ☐ Week 1 _____

☐ Week 2 _____

☐ Week 3 _____

TRANSMITTER (S)
2/C-4B-16KV



PRODUCT REQUIREMENTS (Y/N)	
EXCISE PAYMENT REQUIRED	N
PRIO IS REQUIRED	N
US ONLY ONLY WORK ORDER	N
PRODUCT REQUIRED	Y
FEIGHT TYPE	-
OFFICE REQUIRED	N
DATE	TIME
THRU CONTROL BEHOLD	N
FEA THRU CONTROL BEHOLD	N
CONTRACTS LETTER BEHOLD	N
ENVIRONMENTAL CLEANING BEHOLD	Y
CSO TAD (TAD) BEHOLD	N

[illegible]

GPS:
LAT: N 34° 30' 56.60 "
LONG: W 120° 25' 56.78 "

NOT TO SCALE





712291E



09/16/2019



712290E



09/16/2019

- BULLETIN 322
- HIGH FIRE ELEVATED
- COASTAL COMMISSION
- EMERGENCY ZONE
- NO TRAFFIC CONTROL
- AM PTL
- SET PILE IN SOUTH
- NO TRUCK ACCESS
- HARD ACCESS - MOUNTAIN SIDE

TRANSFER (S):
2/1 - 4B - 14KV

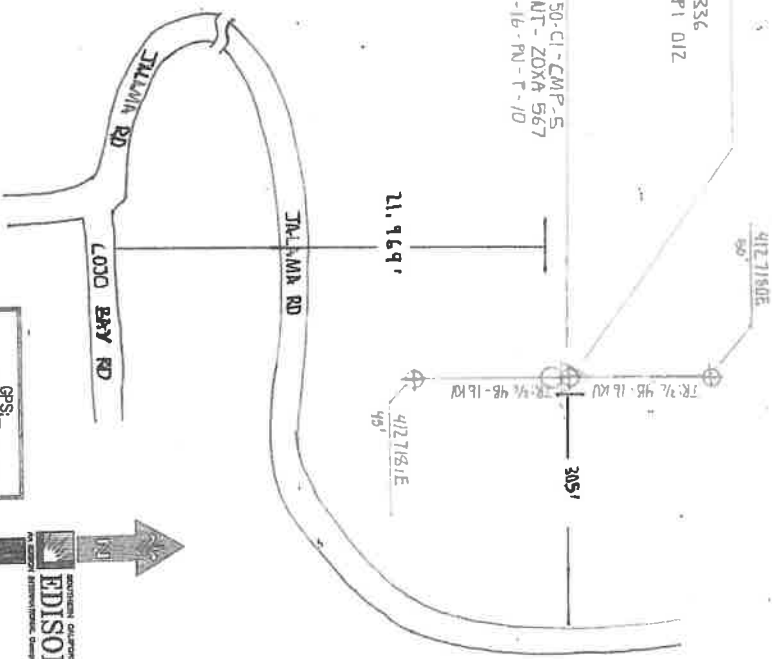
PROPOSED
L/N
4783315 E

UNIT
15

[illegible]

5
RM: 476 3315E
50° CL 9 (1481) -- ZOH 105
1-10° SML XARM VB -- ZOX 336
2- PORCELAIN INS 16KV - UOP 012

IN: 4763315E
50' C/L - COMPOSITE - P-50-CI-CMP-5
1-10' SHEL XARM - TANGENT - ZOXA 567
2- POLY P&I CLAMP - INS-16-PN-T-10

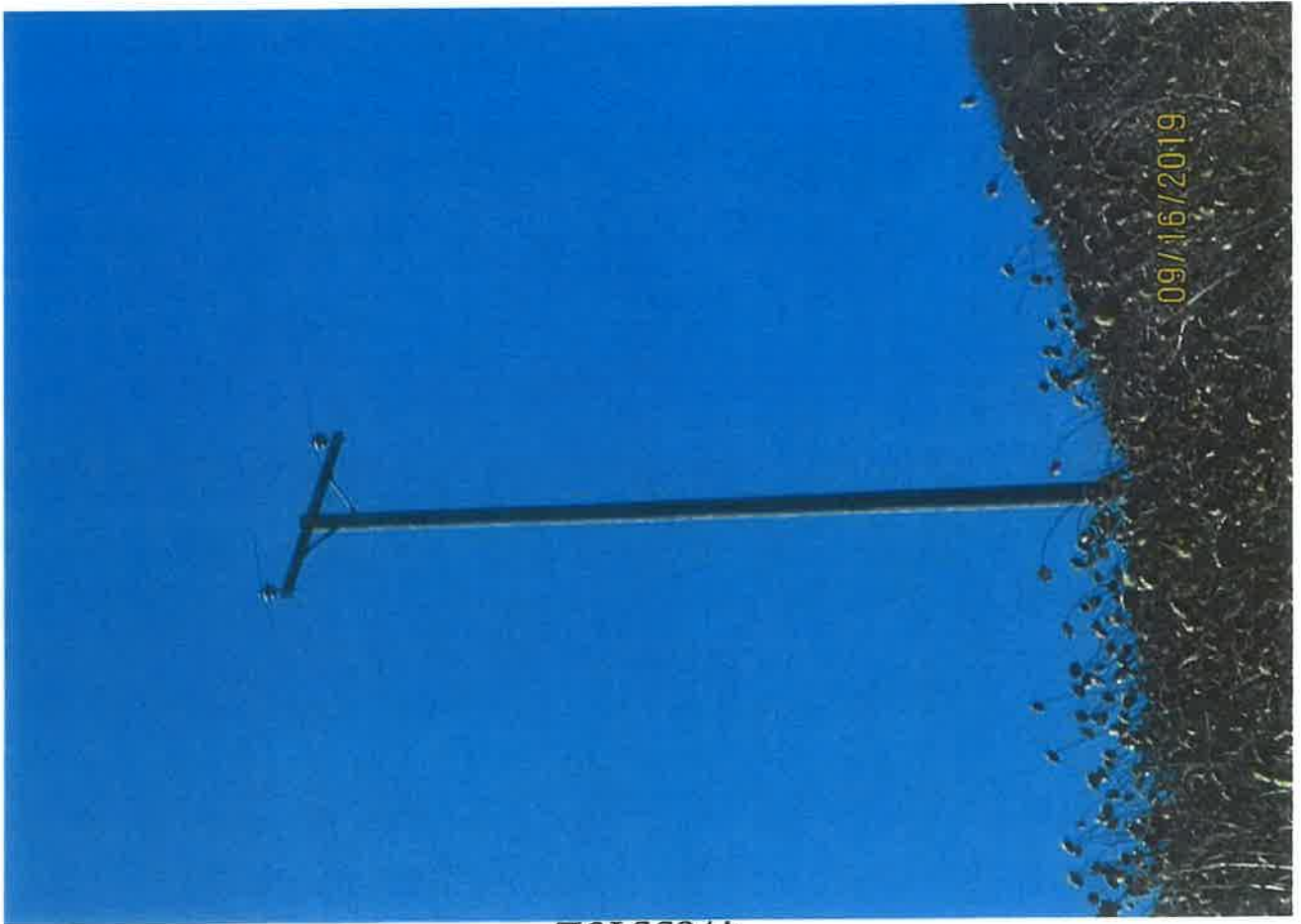


LAT: N 39° 31' 10.00''
LONG: W 120° 25' 34.34''

NOT TO SCALE

EDISON SOUTHERN CALIFORNIA
AN EDISON INTERNATIONAL Company

[illegible]



09/16/2019

4783315E



09/16/2019



712288E

