

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: *PAINTED CAVE RD SB*

- ☐ SAFETY BRIEF SIGN IN *6-27-2020*
- ☐ GHI CREW INTRODUCTION *NON CAP*
- ☐ IS A TRANSLATOR REQUIRED *(Z) comp less 1000 LBS*
- ☐ WORK STOP AUTHORITY *TD 1526231 TD 1469522*
- ☐ 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

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

Tailboard Briefing Guide Updated: January 17, 2019

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 1526231 TD 1469522
ADDRESS: PAINTED CAVE RD SAN MARCOS PASS : SANTA BARBARA CA
LZ STAGING AREA LATITUDE 34°29'32.30"N LONGITUDE 119°47'25.32"W
1915292E LATITUDE 34°29'24.71"N LONGITUDE 119°47'6.19"W 45 CL 1 COMP 1000 LBS
2066171E LATITUDE 34°29'26.62"N LONGITUDE 119°47'4.61"W 35 CL 4 COMP 650 LBS
CONTRACTOR'S NAME: CHRISTIAN OROZCO PHONE#: 805-561-2410
PILOT'S NAME(S):

1. <u>JOHN OLSON</u>	CERT #: <u>2769166</u>
2. <u>BUCKEY MACKAY</u>	CERT #: <u>2778051</u>
3. <u>MICHAEL KLINK</u>	CERT#: <u>3018828</u>
4. <u>IAN GOODALE</u>	CERT# : <u>3741973</u>
5. <u>ROSS GOULET</u>	CERT# : <u>3396777</u>

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**

MAX SINGLE – LIFT WEIGHT: 1000 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS: 6 LONG LINE: _____ (NO) XXX (YES) LESS THEN 100 FT (LENGTH)

OPERATIONAL ALTITUDE: < 50 STREET CLOSING: _____ (NO) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
6-27-2020	SUNRISE	SUNSET	6-2-2020
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
2260 SAN MARCOS PASS RD	VACANT DURING OPS	HAND DELIVER
2262 SAN MARCOS PASS RD	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 THE LANDING ZONE AREA OFF OF PAINTED CAVE RD TO CONDUCT A TAILBOARD
2. FUELING WILL ONLY BE CONDUCTED AT THE LZ STAGING AREA
- 3 THE POLES WILL BE STAGED AT THE ASSIGNED STAGING AREAS OFF PAINTED CAVE ROAD
6. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
7. TWO HOME AT SAN MARCOS PASS ROAD WILL BE EVACUATED
8. WATER TRUCK IS REQUIRED AT LZ
9. PAINTED CAVE ROAD AND THE DRIVEWAYS TO THE EVACUATED HOMES WILL BE EXPERIENCE INTERMITTENT CLOSURES DURING OPERATION SEE DIAGRAM
10. TREE TRIMMER IS REQUIRED

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)	

AREA SURVEY CONDUCTED BY : Jeffrey M. Joubert



Dear neighbor,

Guardian Helicopters Inc is a subcontractor of Southern California Edison (SCE). We will be working in your neighborhood to upgrade its electrical facilities to provide you a modern and reliable power grid. Your safety is our highest priority during this construction activity. We apologize for any inconvenience this may cause and will make every effort to minimize potential impacts during construction activities. Thank you for your patience as we complete these upgrades for you.

Upgrades in Your Area

We will be using a helicopter to set new utility pole.

What to Expect

- **Federal Aviation Administration regulations require we take certain precautions to ensure the safety of the public during our operation. To do this your residence must be completely vacated while the helicopter sets the new utility pole. At no time will our helicopter over fly any residence with a load attached.**
- **PAINTED CAVE ROAD AND DRIVEWAYS TO EVACUATED HOMES WILL EXPERIENCE INTERMITTENT ROAD CLOSURE**
- Guardian Helicopters primary concern during this operation is the general safety of the general public. We recommend measure to ensure the safety and control of any livestock during the period of helicopter operations.
- **Work Timeline***
- **Date: 6-27-2020**
- **Hours: 8:00 a.m. – 6:00 p.m.**

The timeframe for the evacuation is approximately 120 minutes once all residents have left.

A Guardian Helicopter Inc representative will make contact with you and/or any responsible persons at your residence with further instructions shortly before the aircraft operation is to take place. Please notify all family members, workers, or anyone who may be at your residence on this date of the evacuation. It is important to us that our activity presents as little inconvenience to you as possible.

Project Area

THE POLES WILL BE STAGED OFF OF PAINTED CAVE ROAD AND THE POLES BEING REPLACED ARE OFF OF 2260 AND 2262 SAN MARCO PASS ROAD

LIST OF BUILDINGS THAT SHALL EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED PERSONS ALSO HOMES THAT WILL BE NOTIFIED OF ACTIVITY:

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2260 SAN MARCOS PASS ROAD	VACANT DURING OPS	HAND DELIVER
2262 SAN MARCOS PASS ROAD	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER

67 D Street Fillmore, California 93015 Phone (818) 442-9904 Fax (818) 442-9901

www.guardianhelicoptersusa.com



SEE DIAGRAM = V

VACANT DURING OPS

HAND DELIVER



Safety Tips

- Please close and secure back yard umbrellas and canopies
- Close all doors and windows to prevent dust from entering your home
- If possible, ensure your animals are secure or clear of the area.

If you have any questions or concerns please feel free to give me a call. In addition, I will be on site and can be reached on my cell phone.

Best regards,

Jeffrey M. Teubner

Flight Coordinator

818-442-9904 office

818-621-3794 cell

67 D Street Fillmore, California 93015 Phone (818) 442-9904 Fax (818) 442-9901

www.guardianhelicoptersusa.com



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

SAP Accounting Number*	TD1469552
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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):

NO HEC

2066171E RM 40' CL 5 WOOD, 900LBS IN:45' CL 1 COMP, 650LBS

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	
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 _____

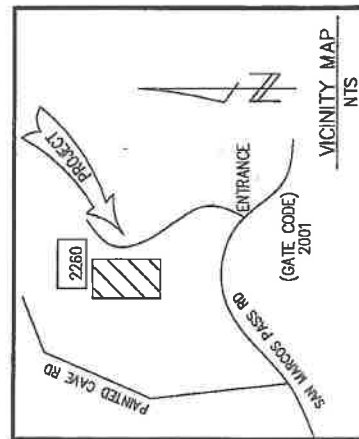
☐ Week 2 _____

☐ Week 3 _____

COMPOSITE POLE

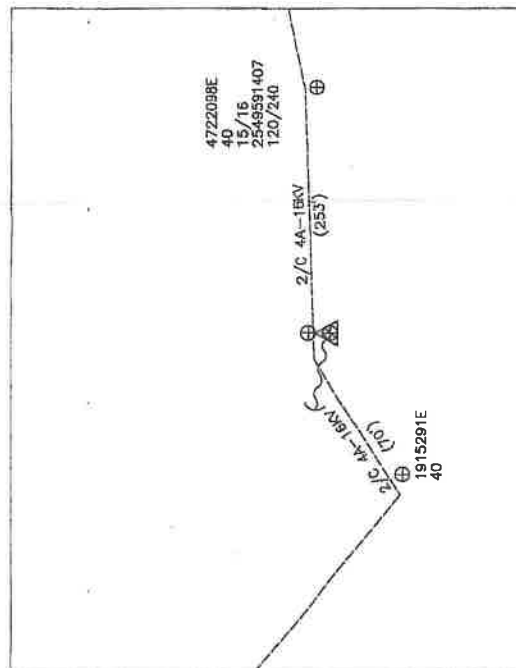
2 POLE 45° 2066171E Class C1

IN: 1- POLE 45° CLASS 1 RS COMP SEC POLE
IN: 1- XA SNGL TAN HD COMP 10° W/PK1
IN: 2- IN'S POLY W/PIN 16KV CLMP #4- 853 ACSR (ANGLE)
IN: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.8KV @ 36.6"



PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	N
PWMD 88 REQUIRED	N
UG CIVIL ONLY WORK ORDER	N
PERMIT REQUIRED	Y
PERMIT TYPE:	OUTAGE REQUIRED N
OUTAGE DATE:	TIME:
TRAFFIC CONTROL REQUIRED	N
PED. TRAFFIC CONTROL REQD	N
CONVEYANCE LETTER REQD	N
ENVIRONMENTAL CLEARANCE REQD	Y
PSD 1407 (T/M) REQD	Y

0124: Rom. 12/05/11



NOT TO SCALE

[illegible]



2066171E





2066171E





SOUTHERN CALIFORNIA
EDISON

An EDISON INTERNATIONAL[®] Company

SCE Aircraft Operations Flight Request Form

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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*	TD1526231
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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):

NO HEC

1915292E RM: 35' CL 5 WOOD, 650LBS IN: 35' CL 2 COMPOSITE 440LBS

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	
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:**

HIGH FIRE - TIER 3
EAGLE ZONE
ENVIRO POLE - WOODPECKER/OPEN SPACE/FOREST AREA
BULLETIN 322 AREA
JOINT POLE
COMPOSITE POLE
NEAREST ADDRESS: 2262 SAN MARCOS PASS RD
HARD ACCESS: GATE CODE #2001
HAND SET
TREE TRIMMING REQ'D
TR: 1-2AT-120V (N)
TR: 1-4AT-120V SVC
TR: 1-COMM (J-HOOK)

1 RM

1915292E
Class C5
RM: 1- POLE 35' CLASS 5 WOOD FULL TREAT
RM: 2- SEC ROLLER (166-CLEVIS & SPOOL)
RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV

N: 34° 29' 24.71"
W: 119° 47' 6.19"
ELEVATION: 1141'

2 POLE

1915292E
Class C2
RM: 1- POLE 35' CLASS 2 RS COMP SEC POLE
RM: 2- SEC ROLLER (166-CLEVIS & SPOOL)
RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV

SET 1' WEST

1915291E
40
15/5X42069/16

2AT-120V
(164')

PAINTED CAVE RD

3175'

2262

400'

GATE
CODE #2001

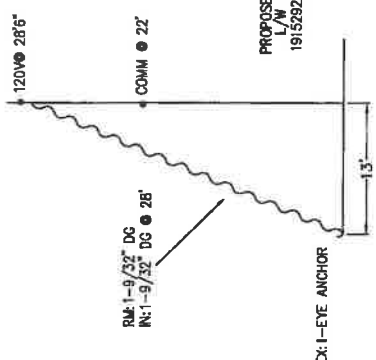
PVT DR WAY

SAN MARCOS PASS RD
(STATE HWY 154)



NOT TO SCALE

PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	☒
PWRD 88 REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
PERMIT TYPE:	
OUTAGE DATE:	
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQUIRED	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (TLM) REQ'D	☒



DISTRICT	49 - SANTA BARGARA	PRJ. MGR.	TOLMASOFF, LAURA	PLANNER	HAMPTON, TEDDER	DESIGNER	HAMPTON, TEDDER
PROJECT NO.	1756935	SERVICE REQUEST	MSR NO. 2661998	PHONE	909-644-1251	PHONE	909-628-1253
CIRCUIT / VOLTAGE	CACHUMA 16KV	THOMAS GUIDE	PRODUCT-1	1528231-INFRA REPLAC - DET POLE REPLACEMENT	ASSOC DESIGN	ASSOC DESIGN	ASSOC DESIGN
SUB / PG NO.	VEGAS	CIRCUIT CODE 02595	PRODUCT-2	PRODUCT-3	ASSOC DESIGN	ASSOC DESIGN	ASSOC DESIGN
INVENTORY MAP	23-53C	J.P.A. NO. E6049-410025582	PROPOSED CONSTRUCTION (LOCATION)	DET POLE 1915292E			
			SAN MARCOS PASS RD P/P 400'N, 3175' E/O				
			PAINTED CAVE RD				
			GOLETA, CA				
DATE	4/2019	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET	1 of 1
Southern California Edison Company							DESIGN/DRWG NO. 1134110_0.01

0124: Rev. 02/28/18

1915291E-adjacent pole

