

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: *Goleta CA*

- ☐ 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

*1-31-2020
(2) USCLI Comp 1400LBS
Non-cap
TD1464996
L2*

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:**

DATE _____

PRINT NAME

SIGNATURE

COMPANY

[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 ☐ <u>IMSAFE Acronym</u> Pilot fatigue mitigation must be briefed prior to work	☐ 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



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:*	
Department:*	HAMPTON TEDDER
Pax:*	N/A
Cell Number:*	
Email Address:*	

SAP Accounting Number*	TD1464996
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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):

POLE 1996046E RM: 40 CL 5 WOOD IN: 45 CL 1 COMP

General Operating Location	LA PATERA CYN W/O FRANKLIN RANCH RD, GOLETA
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	DECEMBER 2019 MANDATED COMPLIANCE WORK AND THE SCHEDULE MUST REMAIN
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 _____

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: *	PEDRO LEMUS
Department: *	HAMPTON TEDDER
Pax: *	N/A
Cell Number: *	909-306-8203
Email Address: *	pedro.lemus@hamptontedder.com

SAP Accounting Number *	TD1464996
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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):

POLE 674601E RM: 45' CL 4 WOOD IN: 45' CL 1 COMP

General Operating Location	6650 CATHEDRAL OAKS RD, GOLETA
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	LAST WEEK OF NOVEMBER 2019 MANDATED COMPLIANCE WORK AND THE SCHEDULE MUST REMAIN
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 _____



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 1464996
ADDRESS 6650 CATHARAL OAKS RD : GOLETA CA
LZ STAGING AREA LATITUDE 34°27'31.41"N LONGITUDE 119°51'58.13"W
674601E LATITUDE 34°27'41.18"N LONGITUDE 119°51'39.08"W 45 CL 1 COMP 1300 LBS
1996046E LATITUDE 34°27'31.04"N LONGITUDE 119°51'9.12"W 45 CL 1 COMP 1300 LBS
CONTACT AT SITE: PEDRO LEMUS PHONE#: 909-306-8203
PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT# 3018828
4. 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: (2) POLES LOAD: EXTL CL B TYPE OF ITEM LIFTING: ☐ AERODYNAMIC ☒ NON-AERODYNAMIC MAX 1300 LBS

NO. OF LIFTS: 6 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
1-31-2020	SUNRISE	SUNSET	1-20-2020
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



Part 135 GH 4A Part 133 GH 4L
NON Congested Area Plan

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
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

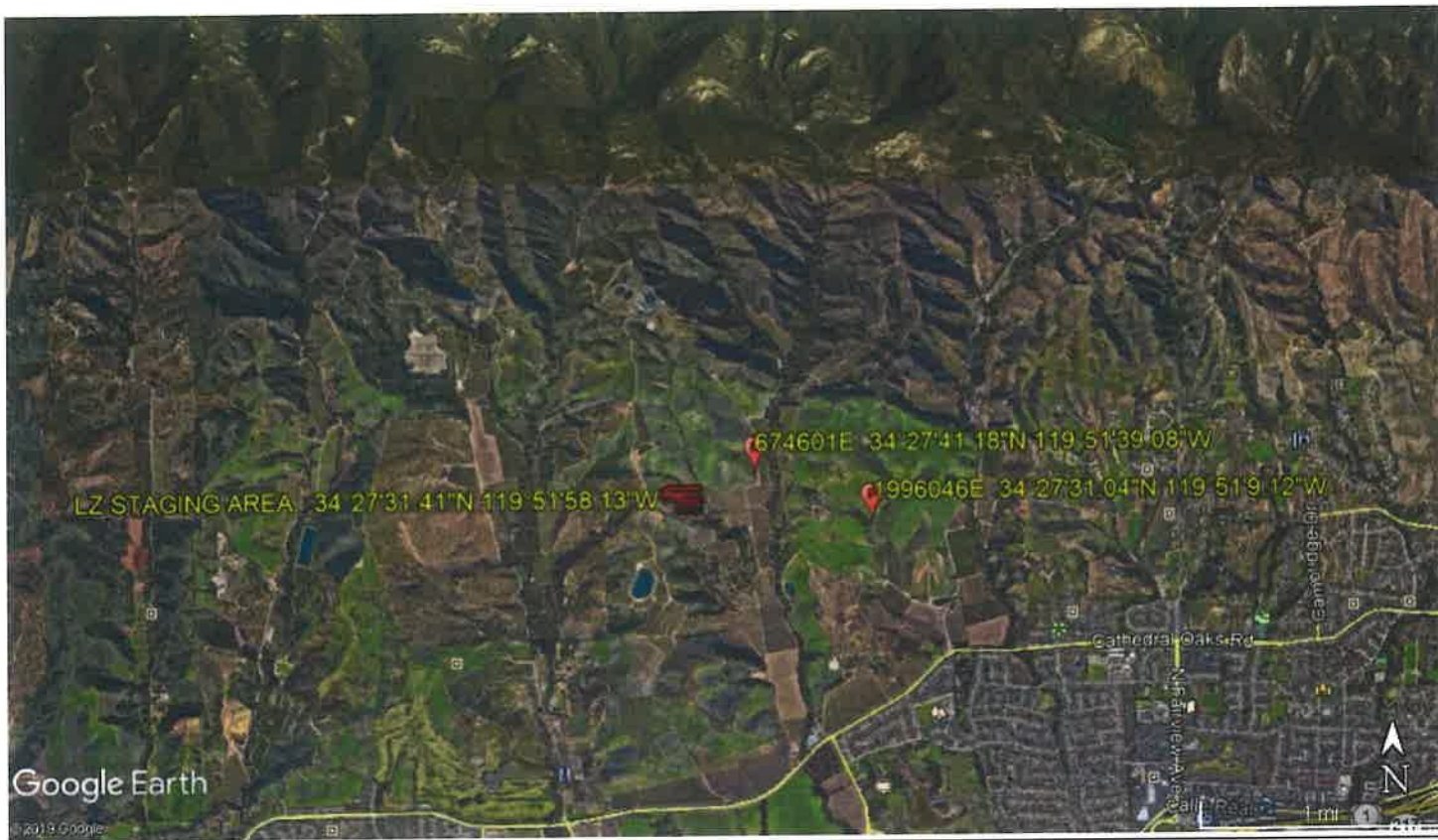
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE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







Jeffrey M. Jentura

1-20-2020
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

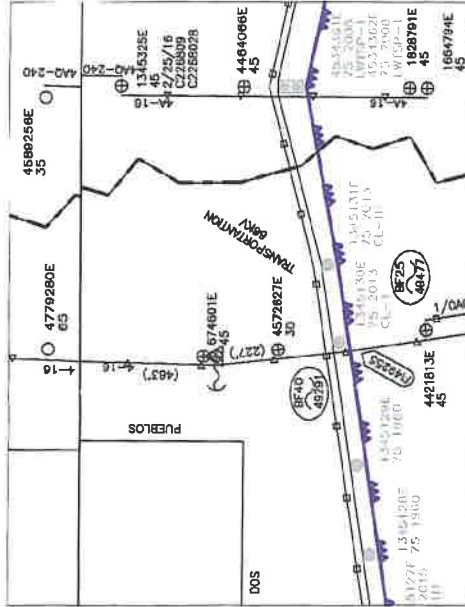
- NOTES:
 HIGH FIRE - TIER 3
 EAGLE ZONE
 ENVIRO POLE - OPEN SPACE
 BULLETIN 322 AREA
 E-ALL POLE
 COMPOSITE POLE
 HARD ACCESS: ON THE SIDE OF A STEEP HILL
 TR: 3/C 48-16KV @ 37'6"

SECTIONAL COMPOSITE



- 1 RM 45' 674601E**
 Class C4
 RM: 1- POLE 45' CLASS 4 WOOD FULL TREAT
 RM: 1- XA SINGL FB 10' STEEL PINS
 RM: 3- INS POLY W/PIN 16KV CLMP #6-4/0 CU
 RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
- 2 POLE 45' 674601E**
 Class C1
 IN: 1- POLE 45' CLASS 1 RS COMP SEC POLE
 IN: 1- XA SINGL TAN HD COMP 10' W/BKT @ 37'6"
 IN: 3- INS POLY W/PIN 16KV CLMP #6-4/0 CU "ANGLE"
 IN: 1- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653
 IN: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV @ 37'
 IN: 1- OH GUYING TEE W/HARDWARE CMP & WOOD

N: 34° 27' 41.18"
 W: 119° 51' 39.08"
 ELEVATION: 212'
 SET 1' NORTH



NOT TO SCALE

PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	☒
PWR 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	☒
CSD 140 (TLM) REQ'D	☒

PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	☒
PWR 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	☒
CSD 140 (TLM) REQ'D	☒

DISTRICT 49 - SANTA BARBARA		PROJ. MGR. TOLMASOFF, LAURA		PLANNER HAMPTON TEDDER		DESIGNER HAMPTON TEDDER	
PROJECT NO.	1676498	PHONE	714-790-5811	PHONE	909-628-1253	DESIGNER	ASSOC DESIGN
PROJECT NO.	2583343	MER NO.	1484996	PRODUCT-1	INFRA REPLAC - DET POLE REPLACEMENT	DESIGNER	ASSOC DESIGN
CIRCUIT / VOLTAGE	TRUMP 16KV	THOMAS GUIDE	PRODUCT-2	PRODUCT-2		DESIGNER	ASSOC DESIGN
SUB / PG NO.	GOLETA	CIRCUIT CODE	18233	PRODUCT-3		DESIGNER	ASSOC DESIGN
INVENTORY MAP	19-49	J.P.A. NO.					
PROPOSED CONSTRUCTION (LOCATION)	DETERIORATED POLE 674601E						
	CATHEDRAL OAKS RD 6711 N, 6170 E/O GLEN ANNIE RD						
	GOLETA, CA						
DATE	2/19	APPROVED BY	3D/HTE	CHECKED BY	DRANN BY	PAK #	
TYPE							
Southern California Edison Company						SHEET	1 OF 1
						DESIGN/WORK NO.	1085883_0.01

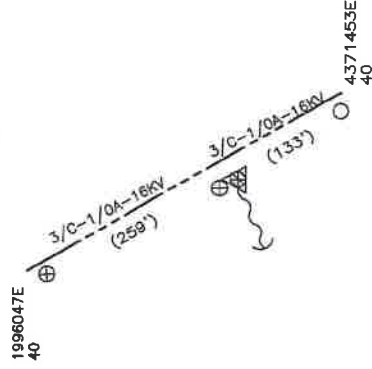
DATE: Rev. 02/20/18



674601E



N: 34° 27' 31.04"
W: 119° 51' 9.12"
ELEVATION: 179'
SET 1' NORTHWEST



NOT TO SCALE

DISTRICT	49 - SANTA BARBARA	PROJ. MGR. TOLMASOFF, LAURA	PLANNER HAMPTON TEDDER	DESIGNER HAMPTON TEDDER
PROJECT NO.	1676498	PHONE 714-795-9811	PHONE 909-628-1253	
SERVICE REQUEST	2583343	MSR NO.	PRODUCT-1	ASSOC DESIGN
GROUT / VOLTAGE	TRUMP 16KV	THOMAS GUIDE	PRODUCT-2	ASSOC DESIGN
SUB / PG NO.	GOLETA	CIRCUIT CODE	PRODUCT-3	ASSOC DESIGN
INVENTORY MAP	19-49	J.P.A. NO.		
PROPOSED CONSTRUCTION (LOCATION)	DETERIORATED POLE 1996048E			
	LA PATERA CANYON RD 1168' N, 5268' W/O FRANKLIN RANCH RD			
	GOLETA, CA			
DATE	2/19	CHECKED BY	DATE	
APPROVED BY		DRAWN BY	PAX #	
TYPE			SHEET	1 of 1
Southern California Edison Company				DESIGN/WORKING NO. 1085883 0.01

11 RM 40' 1996046E Class C5

- RM: 1- POLE 40' CLASS 5 WOOD FULL TREAT
- RM: 1- XA SNGL FB 10' STEEL PINS
- RM: 3- INS GLASS & PIN 16KV
- RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV

12 POLE 45' 1996046E Class C1

- IN: 1- POLE 45' CLASS 1 RS COMP SEC POLE
- IN: 1- XA SNGL TAN HD COMP 10' W/BKT @376"
- IN: 3- INS POLY W/PIN 16KV CLMP #4-653 ACSR "ANGLE"
- IN: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV @ 37'
- IN: 1- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653
- IN: 1- OH GUYING TEE W/HARDWARE CMP & WOOD

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	☒
CSD 140 (TLM) REQ'D	☒

DISK: Rev. 02/04/18

* NOTES:
HIGH FIRE - TIER 3
EAGLE ZONE
ENVIRO POLE - OPEN SPACE
BULLETIN 322 AREA
E-ALL POLE
COMPOSITE POLE
HARD ACCESS: IN THE MIDDLE OF AN OPEN FIELD
TR: 3/C 1/OA-16KV @ 376"

SECTIONAL COMPOSITE





1996046E

