

HELICOPTER LIFT OPERATIONS SAFETY BRIEF CHECKLIST

PRIOR TO BEGINNING ANY HELICOPTER OPERATION A THOROUGH SAFETY BRIEF WILL BE CONDUCTED UTILIZING THE FOLLOW CHECKLIST: *Stagecoach SIB*

- ☐ SAFETY BRIEF SIGN IN *6-15-2020*
- ☐ GHI CREW INTRODUCTION *6-16-2020*
- ☐ IS A TRANSLATOR REQUIRED *6-17-2020*
- ☐ WORK STOP AUTHORITY *NON-CAP*
- ☐ DESIGNATE A 911 CALLER *L2 (1) of Three options*
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES *TD 1381801 TD 1460741 TD 1460763*
- ☐ 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

[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	☐ 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
☐ Fueling Operations: - Duties & Safety Issues	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	☐ 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 1460741 TD 1460763 TD 1381801

ADDRESS: STAGECOACH ROAD : SANTA BARBARA CA

LANDING ZONE LATITUDE 34°32'11.23"N LONGITUDE 119°51'6.22"W

LANDING ZONE LATITUDE 34°32'11.23"N LONGITUDE 119°51'6.22"W

LZ STAGING AREA LATITUDE 34°30'42.83"N LONGITUDE 119°49'24.05"W

1324397E LATITUDE 34°31'59.91"N LONGITUDE 119°50'28.53"W 45 CL 1 COMPOSITE 1100 LBS

1324395E LATITUDE 34°32'2.53"N LONGITUDE 119°50'33.20"W 45 CL 4 WOOD 1300 LBS

1324384 E LATITUDE 34°32'7.88"N LONGITUDE 119°51'2.71"W 50 CL 1 COMPOSITE 1200 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: 1300 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
6-15-2020	SUNRISE	SUNSET	6-2-2020
6-16-2020	SUNRISE	SUNSET	6-2-2020
6-17-2020	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
REMOTE NO EVACUATIONS	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.

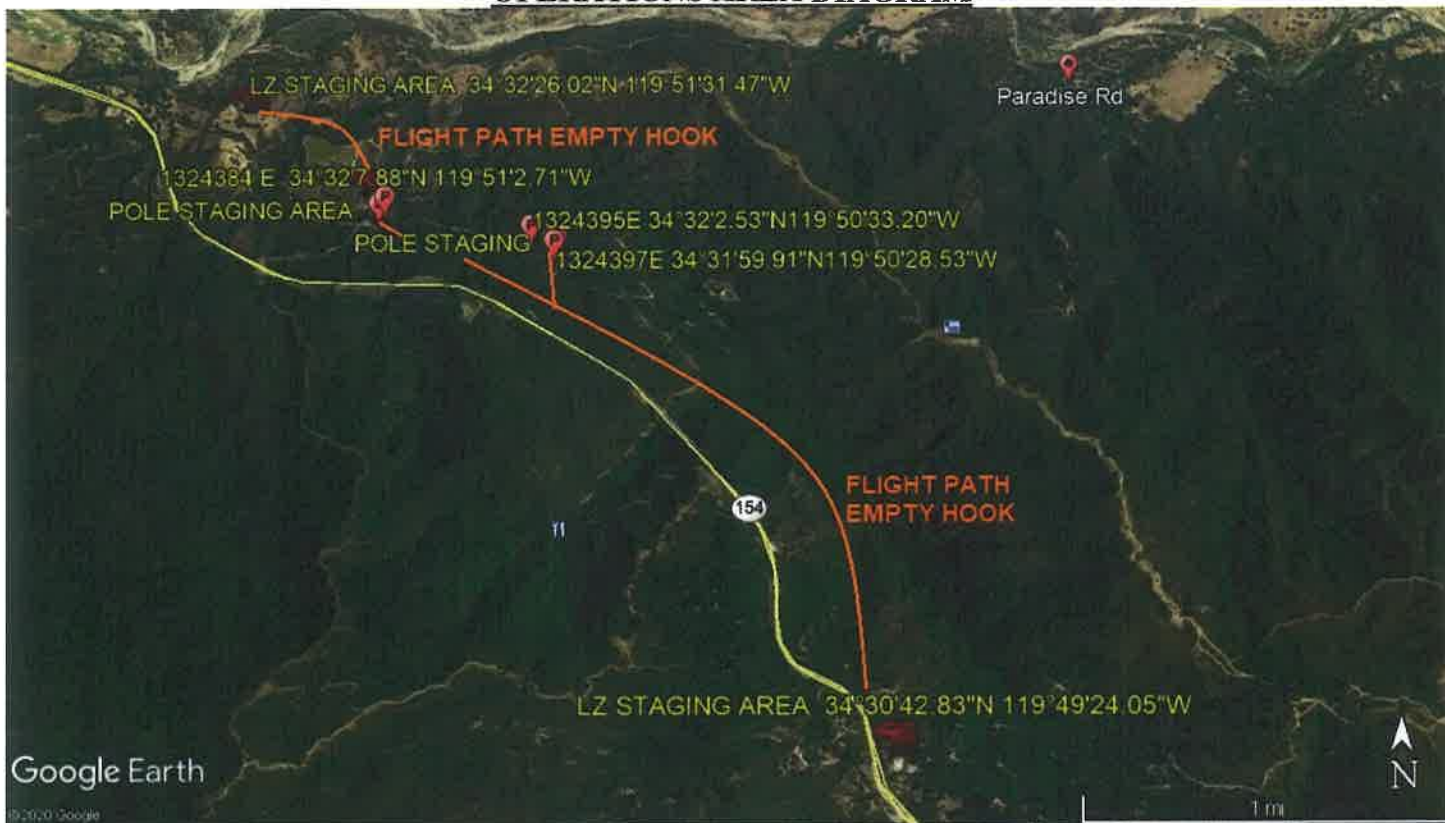
DURING THE LIFT EVOLUTION THE AIRCRAFT AND GROUND CREW WILL ALL BE IN RADIO COMMUNICATIONS. IN THE EVENT OF LOSS COMMUNICATIONS THE CREW WILL USE STANDARD HAND SIGNALS TO COMMUNICATE WITH THE PILOT. WHEN THE PILOT IS CLEAR HE WILL MOVE THE AIRCRAFT TO A SAFE LOCATION TO ALLOW THE COMMUNICATION PROBLEM 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 STAGING AREAS OFF OF STAGECOACH ROAD
6. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
7. REMOTE AREA NO EVACUATIONS
8. WATER TRUCK IS REQUIRED AT LZ
9. STAGECOACH ROAD WILL 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)	

Jeffrey M. Jarama

AREA SURVEY CONDUCTED BY :

☐ Week 3

* NOTES: JOINT POLE

ENVIRO POLE - WOODPECKER DAMAGE/FED & SATE LAND
 TREE TRIMMING REQ'D
 BULLETIN 322 AREA
 EAGLE ZONE
 HELICOPTER SET
 RIGHTS CHECK REQ'D
 REAL PROP. REVIEW
 SET 1' NORTH WEST

1 RM 45'

1324395E Class C4
 RM: 1- RM POLE 45' CLASS 4 WOOD FULL TREAT
 RM: 1- XA SINGL FB 10' STEEL PINS
 RM: 3- INS GLASS & PIN 16KV
 RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV

N 34° 32' 02.53"
 W 119° 50' 33.20"
 ELEVATION: 1,259'

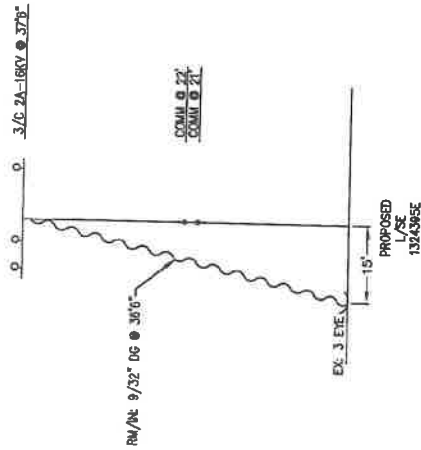
2 1324395E Class C4

IN: 1- POLE 45' CLASS 4 WOOD FULL TREAT
 IN: 1- XA SINGL TAN HD COMP 10" W/PKT
 IN: 3- INS POLY W/PIN 16KV CLIP #4-653 ACSR W/ANGLE
 IN: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
 IN: 1- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653

1324394E 45'
 2A-16KV 360'



TRANSFER (S):
 3/C 2A-16KV



PROJECT REQUIREMENTS (Y/N)	
EDISON EXISTENCE REQUIRED	☒
PWD AS REQUIRED	☒
US CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
PERMIT TYPE:	
OUTAGE DATE:	
OUTAGE TIME:	
TRAFFIC CONTROL REQUIRED	☒
RED TRAFFIC CONTROL REQ'D	☒
CONFORMANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (TUL) REQ'D	☒

DISTRICT	49 - SANTA BARBARA	PROJ. MGR. PARK, JU	PLANNER ASP	DESIGNER ASP
PROJECT NO.	1671364	PHONE 909-222-9350	PHONE 714-893-2405	
SUBMIT / VOLAGE	25/8289	MSR NO.	PRODUCT-1	ASSOC DESIGN
CACHILINA, 16KV		THOMAS GUIDE	PRODUCT-2	ASSOC DESIGN
SUB / PR NO.		CIRCUIT CODE	PRODUCT-3	ASSOC DESIGN
VEGAS SUB				
INVENTORY MAP 28-50		J.P.A. NO. 409697706		
		PROPOSED CONSTRUCTION (LOCATION)		
		1324395E		
		STAGECOACH RD 69' S, 3.511' NW/O SAN MARCOS PASS RD		
		SANTA BARBARA, CA		
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY
				ASP
				PAN #
				SHEET
				DESIGN/DRWG NO.

Southern California Edison Company

0128 Rev. 02/02/04

1000000000



NOT TO SCALE

1324395E





SCE Aircraft Operations Flight Request Form

☐ Week 3

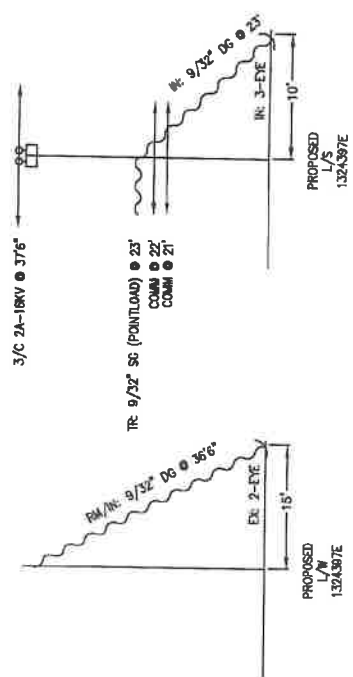
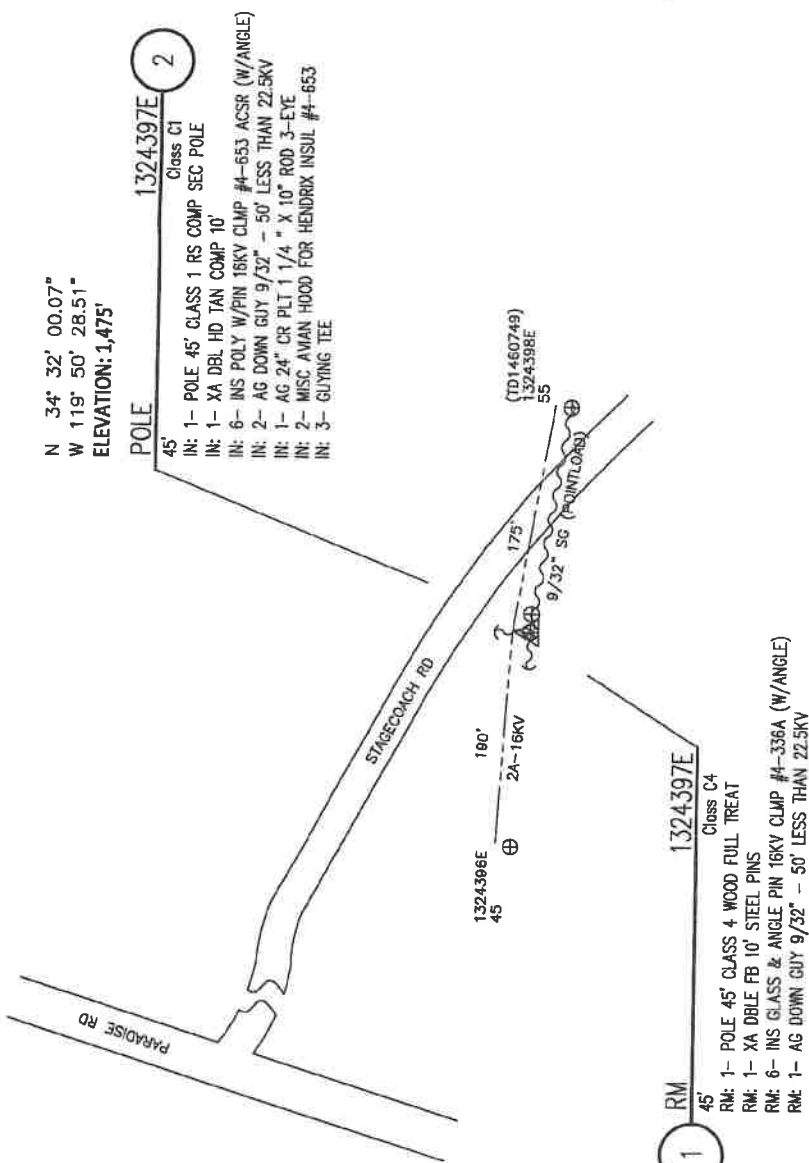
*** NOTES: JOINT POLE**

- ASSOCIATED W/TD1460749
- COMPOSITE POLE
- ENVIRO POLE - OPEN & WEEDY / FED / STATE LAND
- TREE TRIMMING REQ'D
- BULLETIN 322 AREA
- EAGLE ZONE
- TRAFFIC CONTROL REQ'D
- HAND SET
- RIGHTS CHECK REQ'D
- REAL PROP. REVIEW
- SET SAME HOLE

SECTIONAL COMPOSITE

TRANSFER (S):

- 3/C 2A-16KV
- 1-9/32" SPANGUY (POINTLOAD)



SPEED LIMIT 35

PROJECT REQUIREMENTS (Y/N)

EXISTING EASEMENT REQUIRED	☒
PERMITS REQUIRED	☒
US CIVIL ONLY WORK ORDER	☒
PERMIT TYPE:	☒
OUTSIDE DATE:	☒
TRAFFIC CONTROL REQUIRED	☒
PEDESTAL TRAFFIC CONTROL REQ'D	☒
CONFORMANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSO 140 (TM) REQ'D	☒

NOT TO SCALE

DISTRICT	449 - SANTA BARBARA	PROJ. MGR. PARK, JJ	PLANNER	ASP
PROJECT NO.	1671327	SERVICE REQUEST	PHONE	714-883-2405
CIRCUIT / VOLTAGE	2578252	WIRE NO.	PRODUCT-1	DESIGNER
CACHUMA 16KV		THOMAS GUIDE	1460741 - INFRA REPLAC - DET POLE REPLACEMENT	ASP
SUB / PD NO.		CIRCUIT CODE	PRODUCT-2	ASSOC DESIGN
VEGAS SUB			PRODUCT-3	ASSOC DESIGN
INVENTORY MAP	28-50	J.P.A. NO.	409599952	
PROPOSED CONSTRUCTION (LOCATION)				
POLE # 1324397E				
50' S/O STAGECOACH RD 3,300' E/O PARADISE RD				
SANTA BARBARA, CA				
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY
				ASP
SHEET				PAGE #
1082606				0.01

Southern California Edison Company





1324397E



WEP
#1



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 _____

1324384E

L/NW

05/09/2018

