

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

6-7-2019

6-8-2019

6-9-2019

6-11-2019

MTN Home Village / Angelus Oaks

TD 1314693 TD 1334483 TD 1282399

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: - First aid/survival kit - Fire extinguisher - Fuel and battery shut off procedure - 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 ☐ IMSAFE Acronym 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



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:*	JOHN WHARTON
Department:*	DIVERSIFIED UTILITY SERVICES
Pax:*	00000
Cell Number:*	661 864-6051
Email Address:*	whartonj@duis1.com

SAP Accounting Number*	TD1314693 / TD1334483 / TD1282399	-BEAR VALLEY
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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):

R&R 9 Det poles IN THE MOUNTAIN HOME CREEK RD SEE ATTACHED SHEET
FOR POLE NUMBERS AND WEIGHTS

General Operating Location	S/S Mountain Home Crk rd 2578' NE/O hwy 38 MTN HME VILLAGE
District	REDLANDS 31#
LZ Coordinates (if known)	N34 05 42.93 W116 56 49.20
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	JUNE 11 2019
Time of Pick-up	0730 AM
Approx. mission duration (if known)	0600--1600
Back-up date for mission (if known)	

Authorizer	PAUL WILLIAMSON SCE PGS
Authorizer PAX and cell number	909 557-0086

**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 _____

BEAR VALLEY DET POLE REPLACEMENTS FOR HELICOPTER JUNE 11 2019

1. 1609676E 50' CL-4 (wt: 1259 lbs) TD1334483
2. 1609678E 50' CL-1 (wt: 1974 lbs) TD1018866
3. 1609681E 50' CL-1 (wt:1974 lbs) TD1417014
4. 4823102E 50' CL-2 (wt: 1652 lbs) TD1296914
5. 4909708E 45' CL-4 (wt: 1078 lbs) TD1282399
- 4909709E 45' CL-4 (wt: 1078 lbs) " "
- 4909710E 50' CL-4 (wt: 1259 lbs) " "
6. 1609146E 40' H-2 (wt: 1828 lbs) TD1329458
7. 1609145E 40 H-2 (WT:1828 lbs) " "

LZ N34 05 42.93 W116 56 49.20

PK UP POINT LZ FOR POLES 34.099131 -116.983462

JOHN WHARTON G.F. 661 864-6051

DIVERSIFIED UTILITY SERVICES



SECTION 7

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

Operator: Guardian Helicopters, Inc
16425 Hart Street
Van Nuys, CA 91406
Phone (818) 442-9904
FAX (818) 442-9901

PROJECT :EDISON HEC/ POLES WORK ORDER NUMBER: TD1314693 TD1334483 TD 1282399
ADDRESS: HWY 38/VALLEY OF THE FALLS DR : ANGELUS OAKS CA
STAGING AREA: LATITUDE 34° 5' 40.16 "N LONGITUDE 116° 56' 50.22" W ELEV: 4700 FT
HEC EQUIPMENT LATITUDE 34° 5'56.87"N 116°59'0.46"W
POLE 1764113E LATITUDE 34° 6'23.0"N LONGITUDE 116°59'32.2"W
POLE 160967E LATITUDE 34° 6'25.77"N LONGITUDE 116°59'27.25"W
POLE 160968E LATITUDE 34° 6'27.45"N LONGITUDE 116°59'24.11"W
POLE 1609681E LATITUDE 34° 6'40.93"N LONGITUDE 116°59'28.08"W
POLE 4909708E LATITUDE 34° 6'55.13"N LONGITUDE 116°59'10.63"W
POLE 1609145E LATITUDE 34° 7'3.48"N LONGITUDE 116°59'13.88"W
SEE LIST BELOW

CONTRACTOR'S NAME: DIVERSIFIED JOHN WHARTON PHONE#: 661-864-6051
CONTACT AT SITE: DIVERSIFIED UTILITY SERVICE PHONE #: 661-864-6051
PILOT'S NAME(S):

1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MARTIN RODRIGUEZ CERT #: 3555121
4. MICHAEL KLINK CERT# 33018828

TYPE OF AIRCRAFT:

BELL UH-1H N# N711GH A/C CATEGORY: RESTRICTED
BELL UH-1H N# N214KK A/C CATEGORY: RESTRICTED
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: (10)↑ (10)↓ EQUIPMENT / TOOLS/ HEC

MAX SINGLE – LIFT WEIGHT: 2800 LBS CLASS OF LOAD: EXTERNAL

LONG LINE: (NO) XXX (YES) LESS THEN 150 FT (LENGTH)

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

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
6-7-2019	SUNRISE	SUNSET	6-1-2019
6-8-2019	SUNRISE	SUNSET	6-1-2019
6-9-2019	SUNRISE	SUNSET	6-1-2019
6-11-2019	SUNRISE	SUNSET	6-1-2019

AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
YUCAIPA POLICE DEPARTMENT	909-918-2305	WATCH COMMANDER	NOTIFY
ANGELUS OAKS FIRE DEPARTMENT	909-794-3227	WATCH COMMANDER	NOTIFY



NON- Congested Area Plan (Continued)

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

MARK "X" WHERE PERTAINING TO THE LIFT PLAN:

_____ Copy of written agreement with local officials for the exclusion of unauthorized persons attached

XXX Responsibility is delegated to the operator (fill in below)

OFFICIAL'S NAME: JEFFREY TEUBNER

PHONE #: 818-442-9904



NONE- Congested Area Plan (Continued)

Operator: Guardian Helicopters, Inc
16425 Hart Street
Van Nuys, CA 91406

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 A PRE-DESIGNATED AREA PRIOR TO DAILY HELICOPTER OPERATIONS

1. HELICOPTER WILL LAND IN THE STAGING / FUEL AREA AT COUNTY YARD OFF OF HWY 38 AND VALLEY OF THE FALLS DR
2. FUELING WILL ONLY BE CONDUCTED AT THE STAGING AREA
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. REMOTE AREA NO BUILDINGS ARE IN THE OPERATING AREA.
5. PROVIDE A WATER TRUCK AT THE LANDING ZONES
6. DRIVE INTO YARD WILL BE SECURED FLAGMAN NOT REQUIRED
7. EQUIPMENT WILL BE STAGED AT THE LANDING ZONE
8. HEC TRAINING WILL BE CONDUCTED PRIOR TO DAILY OPERATION

6-3-2019

DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

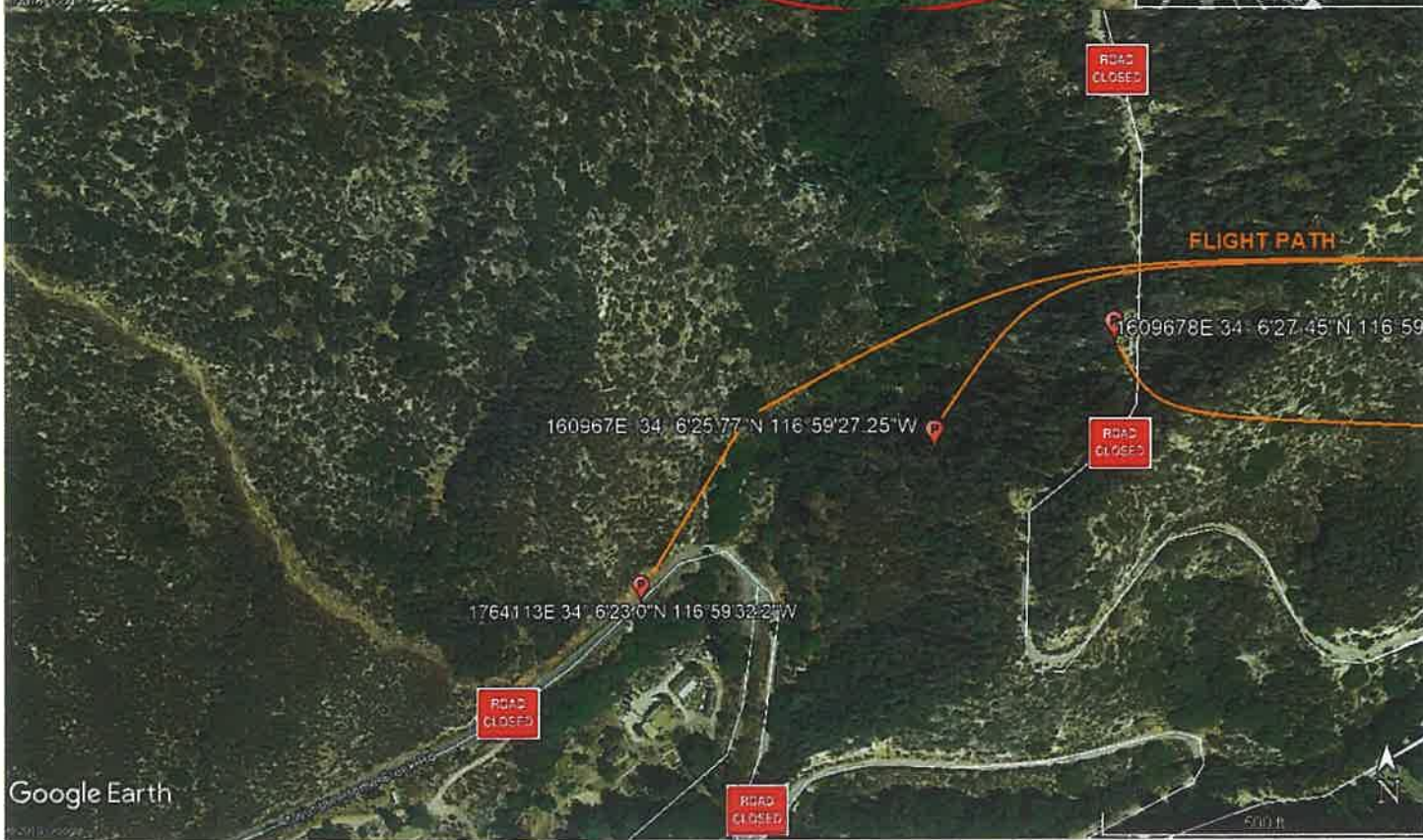


GUARDIAN
HELICOPTERS, INC.

**Part 135 GH 4A Part 133 GH 4L
OPERATIONS AREA DIAGRAM**







TR:1-9/32" SG 36'

1764112

1764113 E
7D13M645

HFIA 12.31.18

D124: Rev. 04/19/15

DISTRICT	31 - REDLANDS	PROJ. MGR	SANDOVAL, SANDRA	DESIGNER	HAMPTON TEDDER	ASSOC. DES.	
PROJECT NO.	1488078	PHONE	909-680-1352	PLANNER	HAMPTON TEDDER	ASSOC. DES.	
SERVICE REQUEST	2402371	MR. NO.		INTRA REPLAC	- DEL POLE REPLACEMENT		
CIRCUIT / VOLTAGE	1488078	THOMAS QUOTE		PRODUCT-1			
SUB / PG NO.	BEAR VALLEY 33KV / POLULTRY 12KV	CIRCUIT CODE	01338 / 14372	PRODUCT-2			
ZANJA SUB / NICAIPA SUB				PRODUCT-3			
INVESTMENT AMT	220-2298-2	J.P.A. NO.	EB031-408B45465	PROPOSED CONSTRUCTION (LOCATION)			
				1764113E			
				MOUNTAIN HOME CREEK RD S/S, 2578 NE/O HWY 38			
				MOUNTAIN HOME VILLAGE, CA 92373			
TYPE							
9/29/17							
DATE							
APPROVED BY		CHECKED BY					
		DRAWN BY	PM/ME				
		PAN #					
		SHEET					
		1 OF 1					
		DESIGN (WORKING) NO.					
		964476-0.01					

Southern California Edison Company

3644/b_0.01

34.101171
- 116.990907

1609676E
701334463

PROJECT REQUIREMENTS (Y/N)

ENVIRONMENTAL REQUIREMENT ☐

PERMITS REQUIRED ☐

TRAFFIC CONTROL REQUIRED ☐

ENVIRONMENTAL CLEARANCE REQUIRED ☐

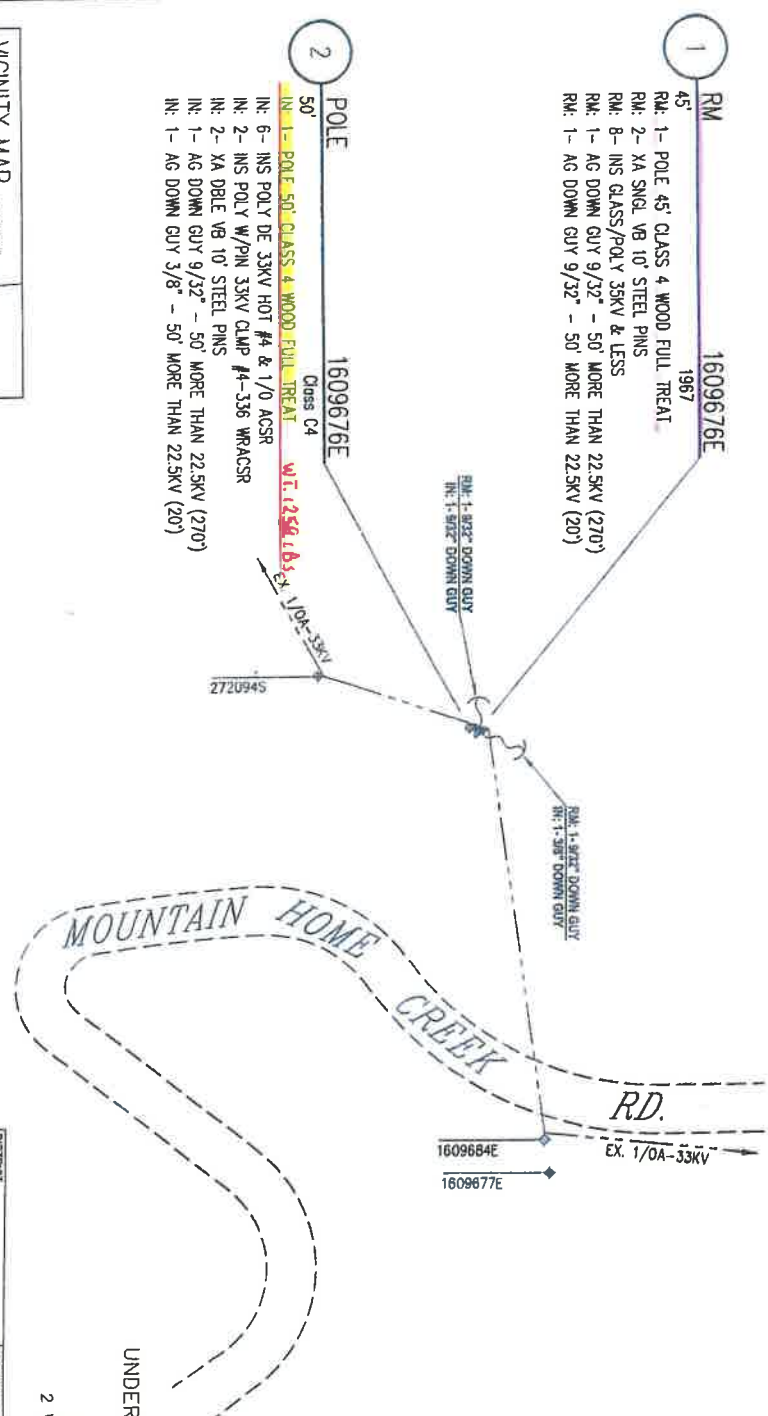
PERMIT TYPE: _____

OUTAGE DATE: _____ TIME: _____

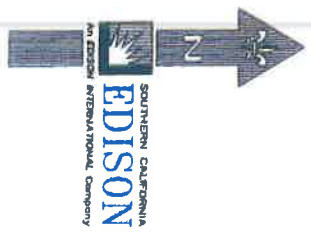
TRAFFIC CONTROL REQUIRED ☐

ENVIRONMENTAL CLEARANCE REQUIRED ☐

CSD 140 (TUM) REQUIRED ☐



UNDERGROUND SERVICE ALERT
Dial 811
Call USA
For Underground Locating
2 Working Days Before You Dig



DISTRICT		PROJECT NO.		PROJECT-1		PROJECT-2		PROJECT-3	
31 - REDLANDS		1514444		1514444		1514444		1514444	
SERVICE REQUEST		2426075		2426075		2426075		2426075	
CIRCUIT / VOLTAGE		BEAR VALLEY 33KV		BEAR VALLEY 33KV		BEAR VALLEY 33KV		BEAR VALLEY 33KV	
SAB / PG NO.		ZANJA		ZANJA		ZANJA		ZANJA	
INVENTOR MAP		220-2304-2		220-2304-2		220-2304-2		220-2304-2	
J.P.A. NO.		E6031-409277110		E6031-409277110		E6031-409277110		E6031-409277110	
PLANNER		HOOVER, MICHAEL		HOOVER, MICHAEL		HOOVER, MICHAEL		HOOVER, MICHAEL	
DESIGNER		MOWERY, CHRISTOPHER		MOWERY, CHRISTOPHER		MOWERY, CHRISTOPHER		MOWERY, CHRISTOPHER	
PHONE		309-307-8836		309-307-8836		309-307-8836		309-307-8836	
ASSOC. DESIGN		ASSOC. DESIGN		ASSOC. DESIGN		ASSOC. DESIGN		ASSOC. DESIGN	
REPLACEMENT DET POLE		REPLACEMENT DET POLE		REPLACEMENT DET POLE		REPLACEMENT DET POLE		REPLACEMENT DET POLE	
VARIOUS LOCATIONS (LOCATION 1)		VARIOUS LOCATIONS (LOCATION 1)		VARIOUS LOCATIONS (LOCATION 1)		VARIOUS LOCATIONS (LOCATION 1)		VARIOUS LOCATIONS (LOCATION 1)	
ANGELUS OAKS		ANGELUS OAKS		ANGELUS OAKS		ANGELUS OAKS		ANGELUS OAKS	
SHEET		1		1		1		1	
DESIGN/DATE NO.		981319		981319		981319		981319	
0.01		0.01		0.01		0.01		0.01	

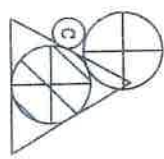
Southern California Edison Company

NOTES:
 * RENTER - CHARTER COMMUNICATIONS A WALKING TRAIL
 * POLE LOCATED ON A MOUNTAIN NEAR
 * NO VEHICLE ACCESS - CHOPPER SET RECOMMENDED

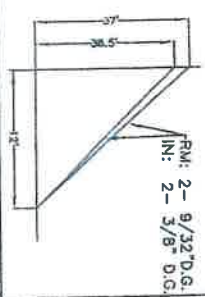
⊕ 1609679E
45

1
RM
45'
RM: 1- POLE 45' CLASS 4 WOOD FULL TREAT
RM: 1- YA DBLE VB 10' STEEL PINS
RM: 6- INS POLY DE 33KV HOT #4 & 1/0 ACSR
RM: 1- INS POLY W/PIN 33KV CLAMP #4-653 ACSR
RM: 2- AG DOWN GUY 9/32" - 50' MORE THAN 22.5KV
NOTE:
TR: (3) 1/0ACSR - 33KV PRIMARY
TR: (1) ANCHOR

RISER - DETAIL

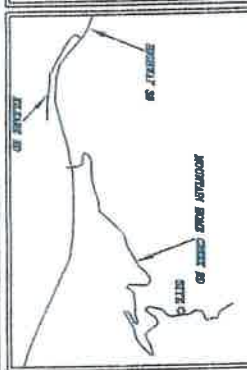


GUY - DETAIL



FACING NORTH

VICINITY MAP



NOTE:
 HARD SET N.W.
 50'
POLE
RM: 1- POLE 50' CLASS 1 WOOD FULL TREAT
RM: 1- YA DBLE VB 10' STEEL PINS
RM: 6- INS POLY DE 33KV HOT #4 & 1/0 ACSR
RM: 1- INS POLY W/PIN 33KV CLAMP #4-653 ACSR
RM: 2- AG DOWN GUY 3/8" - 50' MORE THAN 22.5KV

W.C. 1914.65

1609678E
2

SUP
SPECIAL USE PERMIT

1609678E
710686LL

BULLETIN 322:	Y
EAGLE ZONE:	Y

TREE TRIMMING REQUIRED:

PULLING ROUTINE:

SPECIAL AGREEMENT:

ADDITIONAL NOTES:

STATIONS
01 & 02



NOT TO SCALE

UC SYNERGETIC	GPS COORDINATES	ELEVATION	HEAVY LOADING
Innovative Thinking. Engineering Solutions.	34° 06' 27.54"	4176'	☒
	-116° 59' 24.14"		

ENVIRONMENTAL SCREENING
 REQUIRED?
 YES ☒ NO ☐

DIST: Raw 03/20/15

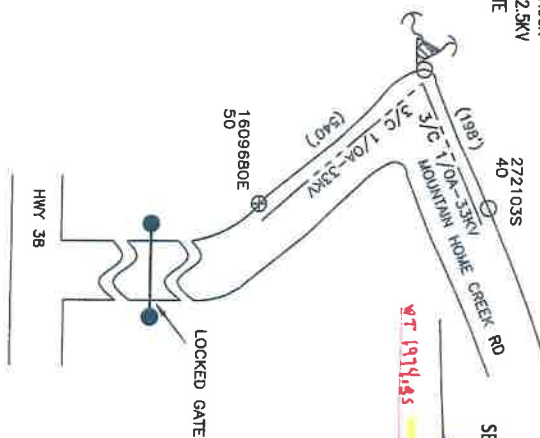
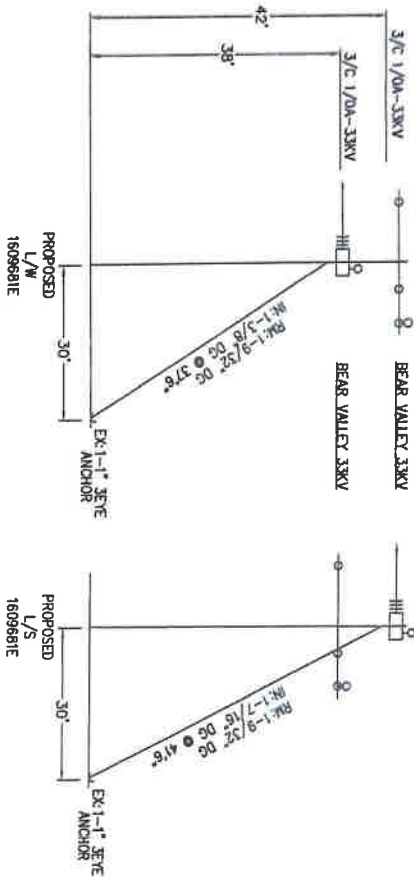
POLE DETAILS
JOINT POLE: Y
RENTER: Y
MTC PLUMB: N
JOINT MEET: N
TRUCK ACCESS: N
HAND SET: N
CONTACT CATV: Y

<u>PROJECT REQUIREMENTS</u>	
EDISON EASEMENT REQUIRED	☒
PMRD 88 REQUIRED	☒
PERMIT REQUIRED	☒
<u>PERMIT TYPE: STANDARD LAND - PROJECT</u>	
OUTAGE REQUIRED	☒
TRAFFIC CONTROL REQUIRED	☒
PEO. TRAFFIC CONTROL REQ'D	☒
PAVEMENT REPAIR REQ'D	☒
ASPH CONC	☒
SIZE	

DISTRICT 31 - REDLANDS		PROJ. MGR. RODRIGUEZ, JOHN T		DESIGNER FITZSIMMONS, TIMOTHY J	
PROJECT NO. 1090918	SERVICE REQUEST 2012254	EST. NO.	PHONE 626-437-8132	PHONE 909-608-7486	
CIRCUIT / VOLTAGE BEAR VALLEY, 33KV	THROUS GUSE N/A	PRODUCT-1 1016866- INFRASTRUCTURE REPLACEMENT PUP	PRODUCT-2	ASSOC DESIGN	
SHEET NO. 2204	CIRCUIT CODE	PRODUCT-3		ASSOC DESIGN	
ATTENTION MAP 220-2304-2	U.S.A. NO.	PROPOSED CONSTRUCTION (LOCATION)	DET POLE REPLACEMENT (1609678E)		
		8171 MOUNTAIN HOME CREEK RD			
		REDLANDS, CA			
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	SHEET
Southern California Edison Company					

712078.0.01

- | RM | 1609681E |
|-------|--|
| 50 | Class C4 |
| RM 1- | POLE 50' CLASS 4 WOOD FULL TREAT |
| RM 2- | XA DIBLE 10' STEEL PINS |
| RM 2- | INS GLASS & FIM 3XV CLAMP #4-336 ACSR |
| RM 4- | INS PORC DE 33XV HOT SHOE #4 & 1/0 ACSR |
| RM 4- | AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV |
| RM 1- | AG ANCHOR ROD 1" X 10' 3-EYE W/PLATE |



SET 1 EAST

POLE

N: 34° 6' 40.98"
W: 116° 59' 28.10"
ELEVATION: 4273'

1609681E

Class C1

50'

IN: 1- POLE 50' CLASS 1 RS COMP SEC POLE

IN: 4- CROSSARM, COMPOSITE, DEADEND, HEAVY DUTY, 10' LENGTH

IN: 2- ATTACHMENT, GUY, DUCTILE IRON

IN: 2- INS POLY W/PIN 33KV CLAMP #4-653 ASSR

IN: 6- INS POLY DE 33KV HOT SHOE #4 & 1/0 ACSR

IN: 1- AG DOWN GUY 7/16" - 50' LESS THAN 22.5KV

IN: 1- AG DOWN GUY 3/8" - 50' LESS THAN 22.5KV

SUP
SPECIAL USE PERMIT

1609681E
TD1417014

SECTIONAL COMPOSITE

HFIA 4.19.17
TIER: 3

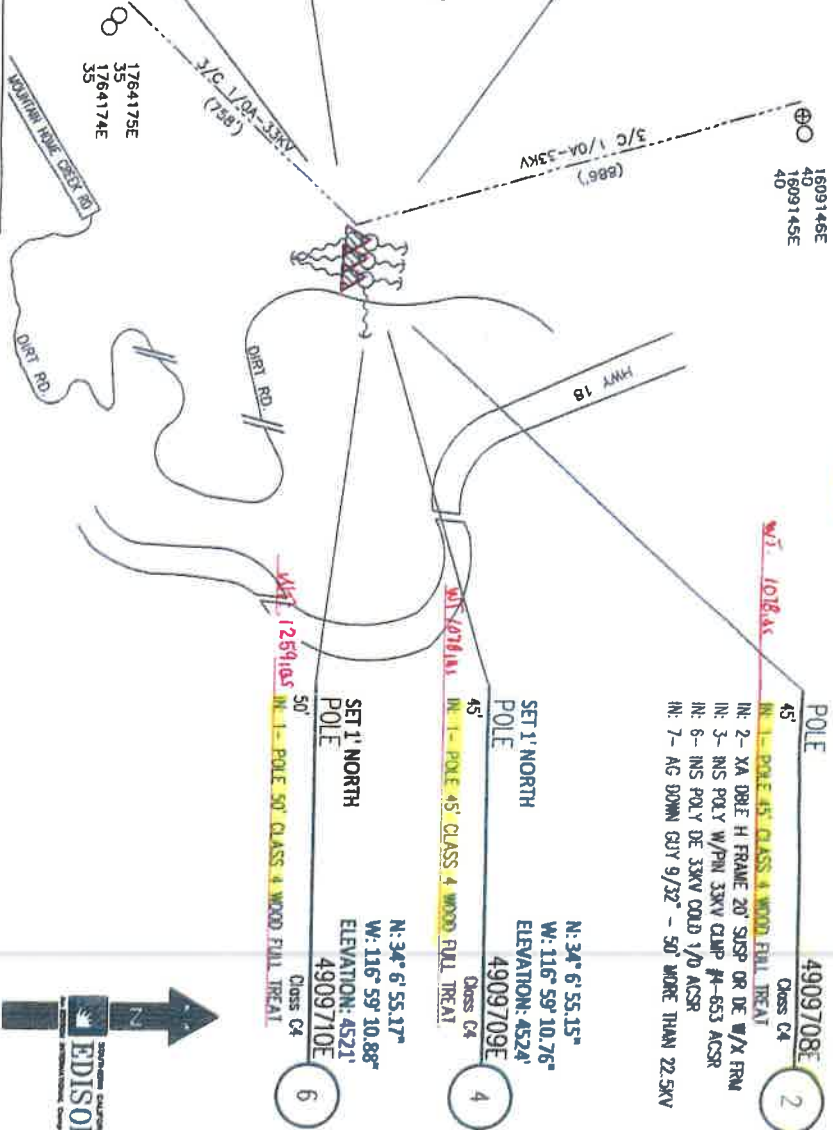
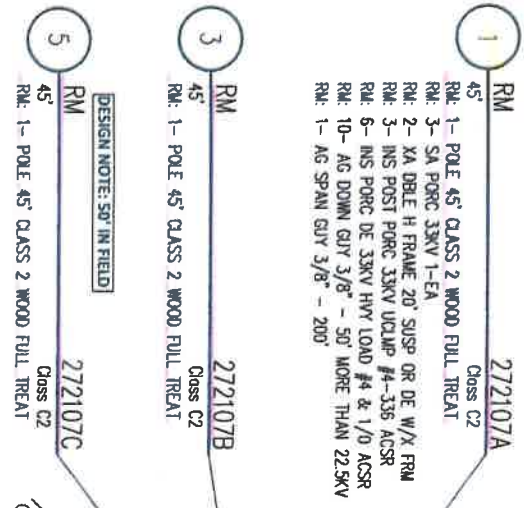
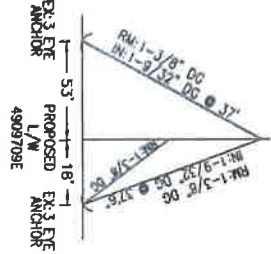
NOT TO SCALE



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

DISTRICT	31 - REDLANDS	PROJ. MGR. SANDOVAL, SAMRA	PLANNER HAMPTON, TEDDER	DESIGNER HAMPTON, TEDDER
PROJECT NO.	SERVICE REQUEST	ISSN NO.	PHONE (909) 660-1362	PHONE (909) 628-1233
PROJECT 1	1616440	PROJECT 1	141701-1	INTRA REPLAC - DET POLE REPLACEMENT
CIRCUIT / VOL. / AGE	BEAR VALLEY 33KV	THOMAS GRACE	PRODUCT 2	
SUB / PG NO.	ZANUJA SUB	CIRCUIT CODE	PRODUCT 3	
INVENTORY MAP	224-2304-2	J.P.A. NO.		
10/31/16			STATE	
DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAN #
Southern California Edison Company				
SHEET	1	OF	1	DESIGN DURING NO. 1048632 001
PROPOSED CONSTRUCTION (LOCATION)				
1609681E				
MOUNTAIN HOME CREEK RD W/S. 72M N/O HWY 38				
MENTONE, CA				

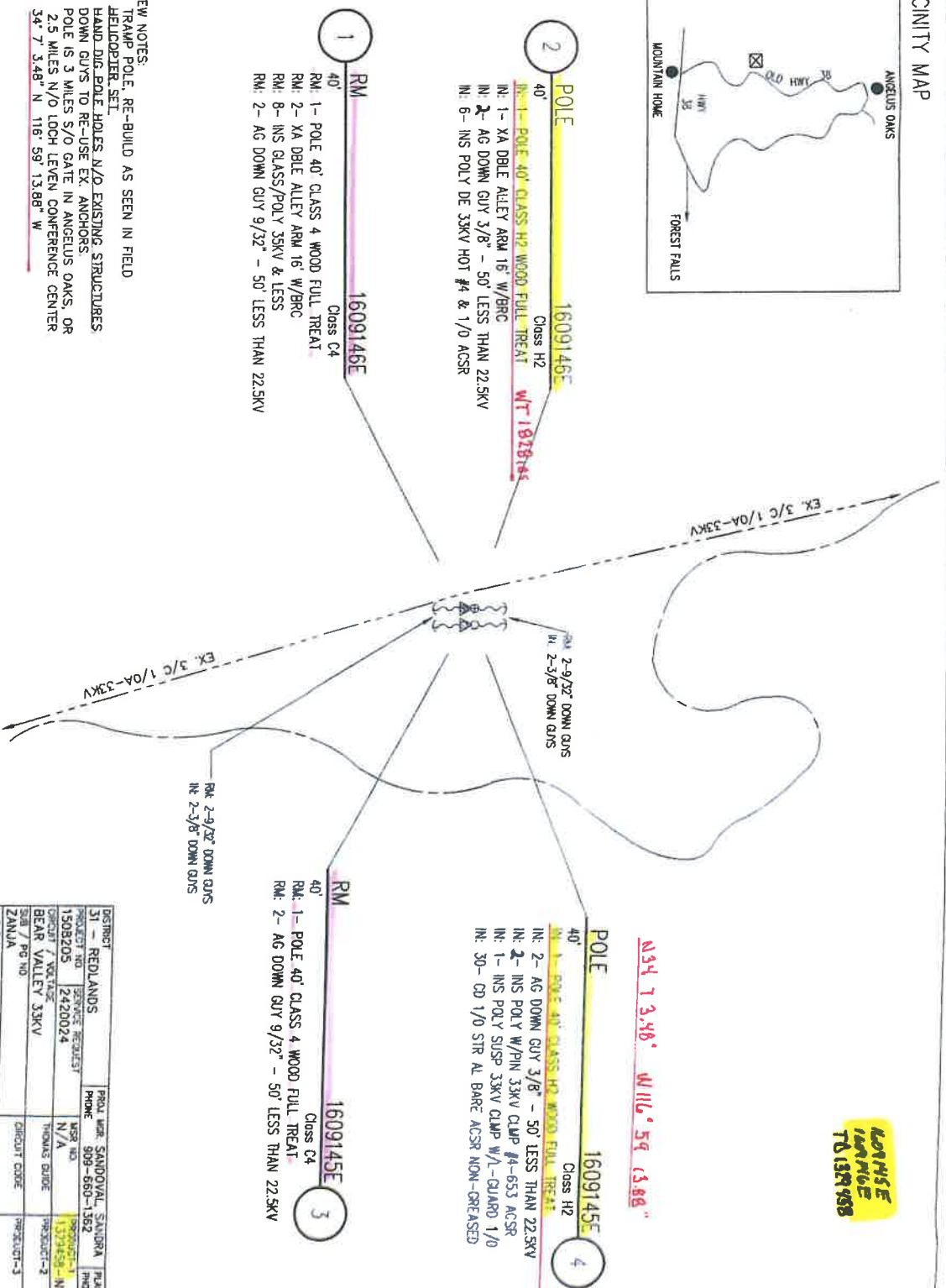
TR: 3/C 1/0A-33KV



<u>PROJECT REQUIREMENTS (Y/N)</u>	
EDISON EASEMENT REQUIRED	☒
PMRD 88 REQUIRED	☒
PERMIT REQUIRED	☒
PERMIT TYPE:	
OUTAGE DATE:	
TRAFFIC CONTROL REQUIRED	☒
PEL TRAFFIC CONTROL REQD	☒
CONVEYANCE LETTER REQD	☒
ENVIRONMENTAL CLEARANCE REQD	☒
CSD 140 (TLA) REQD	☒

OFFICE		PROJECT NO.		PLANNER		DESIGNER	
31 - REDLANDS		1445219		HAUMPTON TEDDER		HAUMPTON TEDDER	
SERVICE REQUEST		2359461		PHONE (909) 660-1233		PHONE (909) 660-1233	
CIRCULAT / VOLUME		MEMO NO.		PROJECT-1		ASSOC DESIGN	
BEAR VALLEY 33KV		TRANS JUDGE		12822399--INFRA REPLAC - DET POLE REPLACEMENT		ASSOC DESIGN	
SHE / PER NO		CIRCULAT CODE		PROJECT--J		ASSOC DESIGN	
ZANLIA SUB		01338				ASSOC DESIGN	
INVENTION MAP 224-2304--2		J.P.A. NO.					
				PROPOSED CONSTRUCTION (LOCATION)			
				272107A, 272107B, 272107C			
				1619' W/O HWY 18, 3655' NW/O MOUNTAIN HOME CREEK RD			
				FOREST FALLS, CA			
TYPE		DATE		APPROVED BY		CHECKED BY	
		7/25/2017				S/MITE	
						DRAWN BY	
						PAY #	
SHEET		1		OF		1	
DESIGN/DRWG NO.		937933		001			





PROJECT REQUIREMENTS (Y/N)

ERSON EASEMENT REQUIRED	☒
PMRD 88 REQUIRED	☒
PERMIT REQUIRED	☒
PERMIT TYPE: FORESTRY	☒
OUTAGE REQUIRED	☒
OUTAGE DATE: _____ TIME: _____	☒
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (TIA) REQ'D	☒

N 34.118855
W. 116.982800



UNDERGROUND SERVICE ALERT

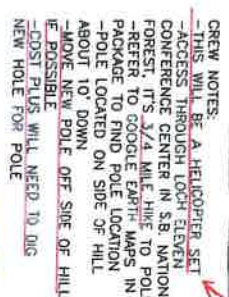
SA

2 Working Days Before You Dig

DISTRICT	31 - REDLANDS	PROJ. MGR. SANDOVAL, SANDRA	PLANNER DEPT. MICHAEL	DESIGNED L. ADAMS
POLICY NO	SERVICE REQUEST	ISS. NO.	PHONE 909-367-6874	
15082005	2420024	N/A		
CIRCUIT / VOLTAGE	THOMAS BURGE	PRODUCT 1		ASSOC. DESIGN
BEAR VALLEY 33KV		PRODUCT 2		ASSOC. DESIGN
SUB / PG NO.	CIRCUIT CODE	PRODUCT-3		
ZANUA				
INVENTORY MAP	224-2304-2	JPA NO. E6031-408970837	PROMISED CONSTRUCTION (LOCATION)	
			DET POLE REPLACEMENT	
			STR 160914SE 2.5 MILES N/O LOCH LEVEN CONFR	
			MOUNTAIN HOME/ANGELUS OAKS	
			NOTIFICATION #408761203	
TYPE	APPROVED BY	CHECKED BY	DRAWN BY	PAY \$
Southern California Edison Company				
	1	1	DESIGN/DRAWING NO.	073060 001

Southern California Edison Company

DESIGN \ DRWG NO
077060 001



DISTRICT 31 - REDLANDS		PROJ. MGR. PHONE		PLANNER SALMON, DAVID A PHONE 909-307-6710		DESIGNER SINGH CORRAL, JENNIFER	
PROJECT NO. 1455486	SERVICE REQUEST 23/9329	USER NO. N/A		PRODUCT-1 23591		ASSOC. DESIGN	
CIRCUIT / MOUNTING THOMAS GARDEN BEAR VALLEY	THOMAS GARDEN SB 4950-F3	PRODUCT-2		INFRA REPLAC - DET POLE REPLACEMENT		ASSOC. DESIGN	
SUB / PG NO.	CIRCUIT CODE	PRODUCT-3		ASSOC. DESIGN		ASSOC. DESIGN	
PROPOSITION MAP 224-2304-2		J.P.A. NO N/A		PROPOSED CONSTRUCTION (LOCATION) DETERRIORATED POLE REPLACEMENT 2385' N, 2475' W FR. S/E COR OF SEC 4 T1S R/W ANGELUS OAKS, CA 92305 NOTIFICATION #: 405688405			
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAN #	SHEET	
Southern California Edison Company						DESIGN DURING NO.	
1 OF 1						950312 0.01	