

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 8/27/2019 8/28/2019
- ☐ GHI CREW INTRODUCTION Shaver Lake
- ☐ IS A TRANSLATOR REQUIRED NO CAP
- ☐ WORK STOP AUTHORITY 11 pole Heaviest 15000BS
- ☐ DESIGNATE A 911 CALLER (2) L2
- ☐ IDENTIFY CLOSEST EMERGENCY MEDICAL SERVICES TD 1354697 TD 1436614 TD 1349802 TD 135249 TD 14152
- ☐ 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 ☐ 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. ☐ In case of Non-Company ground crew: Rigging procedures must be briefed ☐ No cell phone/camera use during external loads ☐ Essential crew only
	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	

[illegible]

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

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



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 NUMBER: TD1354697 TD1436614
TD1349802 TD135249 TD1415266 TD1421323 TD1342428

ADDRESS: CHINA PEAK / BIG CREEK USFS HELO PAD :SHAVER LAKE CA

8/27/2019

CHINA PEAK LZ STAGING AREA LATTITUDE: 37°14'8.74"N LONGITUDE 119° 9'9.80"W
1807100E POLE STAGING AREA LATTITUDE: 37°15'42.05"N LONGITUDE 119° 8'29.05"W
1807100E LATTITUDE: 37°15'41.81"N LONGITUDE 119° 8'24.66"W
1807022E POLE STAGING AREA LATTITUDE: 37°17'6.45"N LONGITUDE 119° 6'14.86"W
1807022E LATTITUDE: 37°17'7.30"N LONGITUDE 119° 6'20.82"W
POLE STAGING AREA LATTITUDE: 37°19'27.57"N LONGITUDE 119° 5'12.46"W
1722669E LATTITUDE: 37°18'14.76"N LONGITUDE 119° 5'29.23"W
1722689E LATTITUDE: 37°18'57.65"N LONGITUDE 119° 4'42.46"W
1722693E LATTITUDE: 37°19'0.94"N LONGITUDE 119° 4'34.96"W

8/28/2019

BIG CREEK LZ LATTITUDE: 37°12'6.18"N LONGITUDE 119°15'10.27"W
4 POLES STAGING AREA LATTITUDE: 37°12'55.07"N LONGITUDE 119°14'12.63"W
546571E LATTITUDE: 37°12'28.84"N LONGITUDE 119°14'38.21"W
4141043E LATTITUDE: 37°12'39.04"N LONGITUDE 119°14'28.74"W
546592E LATTITUDE: 37°12'46.28"N LONGITUDE 119°14'21.97"W
527045E LATTITUDE: 37°12'54.63"N LONGITUDE 119°14'14.39"W
POLE STAGING AREA LATTITUDE: 37° 5'18.96"N LONGITUDE 119°13'40.33"W
1757938E LATTITUDE: 37° 5'12.80"N LONGITUDE 119°13'27.68"W
POLE STAGING AREA LATTITUDE: 37° 5'3.46"N LONGITUDE 119°12'37.13"W
1758004E LATTITUDE: 37° 5'1.96"N LONGITUDE 119°12'38.96" W
CONTRACTOR'S NAME: SCE T&D CHARLES CALVO PHONE#: 559-280-7850
CONTACT PERSON: COBY WHITE HOTLINE PHONE#: 925-529-0524

KEVIN HOLMES PHONE#: 559-331-9091

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 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



NON- Congested Area Plan (Continued)

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: (11) MAX 45 CL2 1560 HIGHEST ELEVATION 9000 FT

MAX SINGLE – LIFT WEIGHT: 2000 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS: 25 LONG LINE: _____ (NO) XXX (YES) **GF REQUEST 150 FT DUE TO TREE HEIGHTS** (LENGTH)

OPERATIONAL ALTITUDE: < 250 STREET CLOSING: XX (NO) _____ (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
8-27-2019	SUNRISE	SUNSET	8-25-2019
8-28-2019	SUNRISE	SUNSET	8-25-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
CHP DEPARTMENT	559-841-8473	DISPATCH	NOTIFY
FIRE DEPARTMENT	559-841-3360	DISPATCH	NOTIFY
CAL FIRE	559-841-7774	DISPATCH	NOTIFY

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	PHONE #:
NONE		



**GUARDIAN
HELICOPTERS, INC.**

NON- Congested Area Plan (Continued)

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 DAILY TAILBOARD SAFETY MEETING WILL BE HELD AT THE ASSIGNED LOCATING PRIOR TO BEING OPERATIONS

1. HELICOPTER WILL LAND AT THE DESIGNATED LANDING ZONE FOR FUELING AND TAILBOARD.
2. THE HELICOPTER WILL FLY THE EMPTY LONGLINE TO THE ASSIGNED POLE STAGING AREAS
3. POLE WIL BE STAGED AT THE ASSIGNED POLE STAGING AREA
4. WATER TRUCK NOT REQUIRED
5. EMERGENCY LANDING ZONE IS AT THE LANDING ZONE, STAGING AREA AND IN ROUTE TO POLE SITES IF REQUIRED
6. FLAG MAN WILL BE POSTED TO STOP ANY TRAFFIC WHILE THE HELICOPTER IS SETTING POLES NEAR THE ROAD. SEE DIAGRAM

LEGEND

SITE PLAN SYMBOLS: EVACUATION FLIGHT PATH

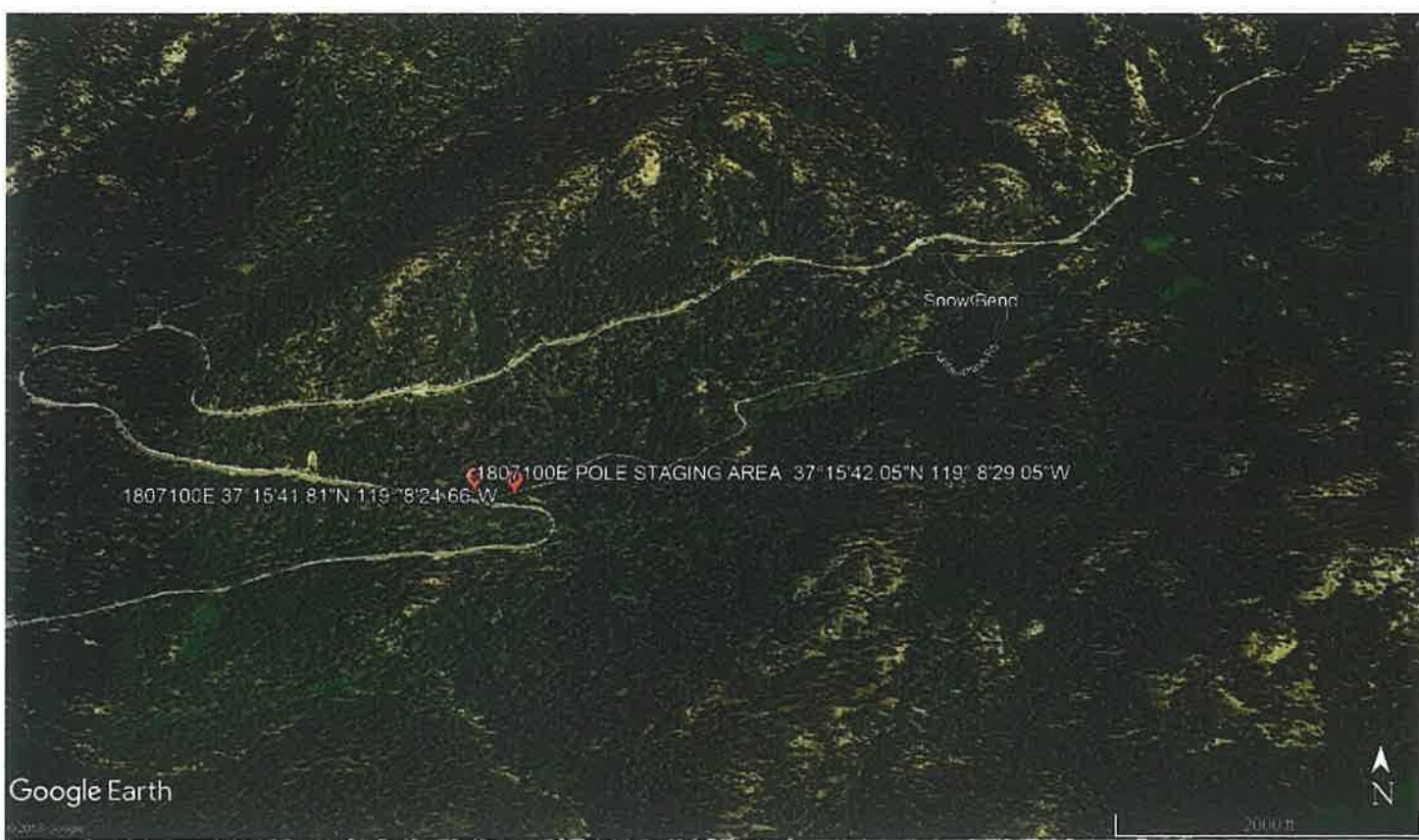
LANDING AREA = (LZ)	STREET BLOCKED = XXXX	TOP TWO FLOORS = UBT2
ATTACH AREA = (A)	RELEASE AREA = (R)	
FLIGHT PATH = >>>>	EMERGENCY LAND = (ELZ)	
UNOCCUPIED BUILDING = (UBA)	UNOCCUPIED BUILDING TOP FLOOR = (UBT1)	

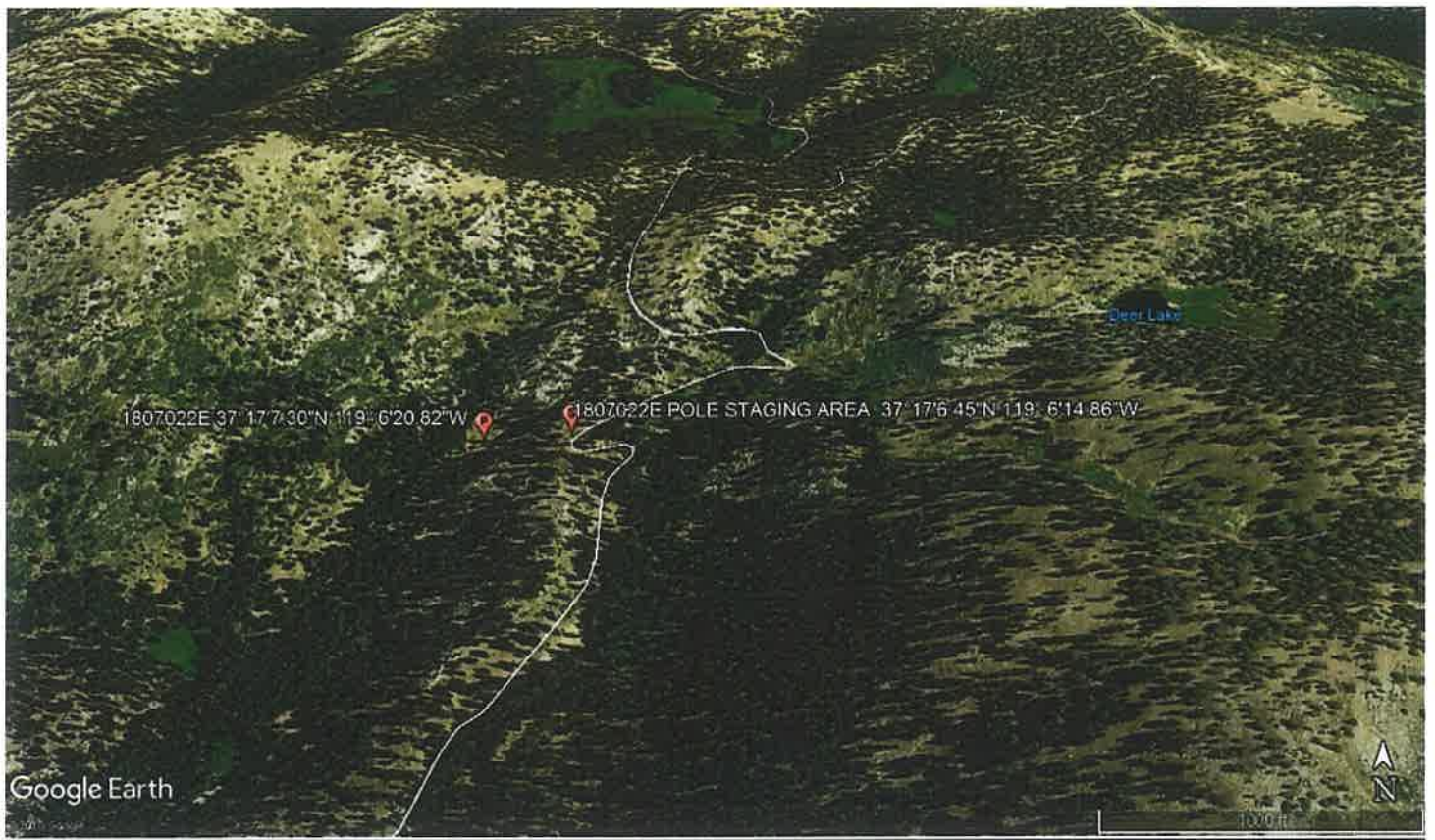


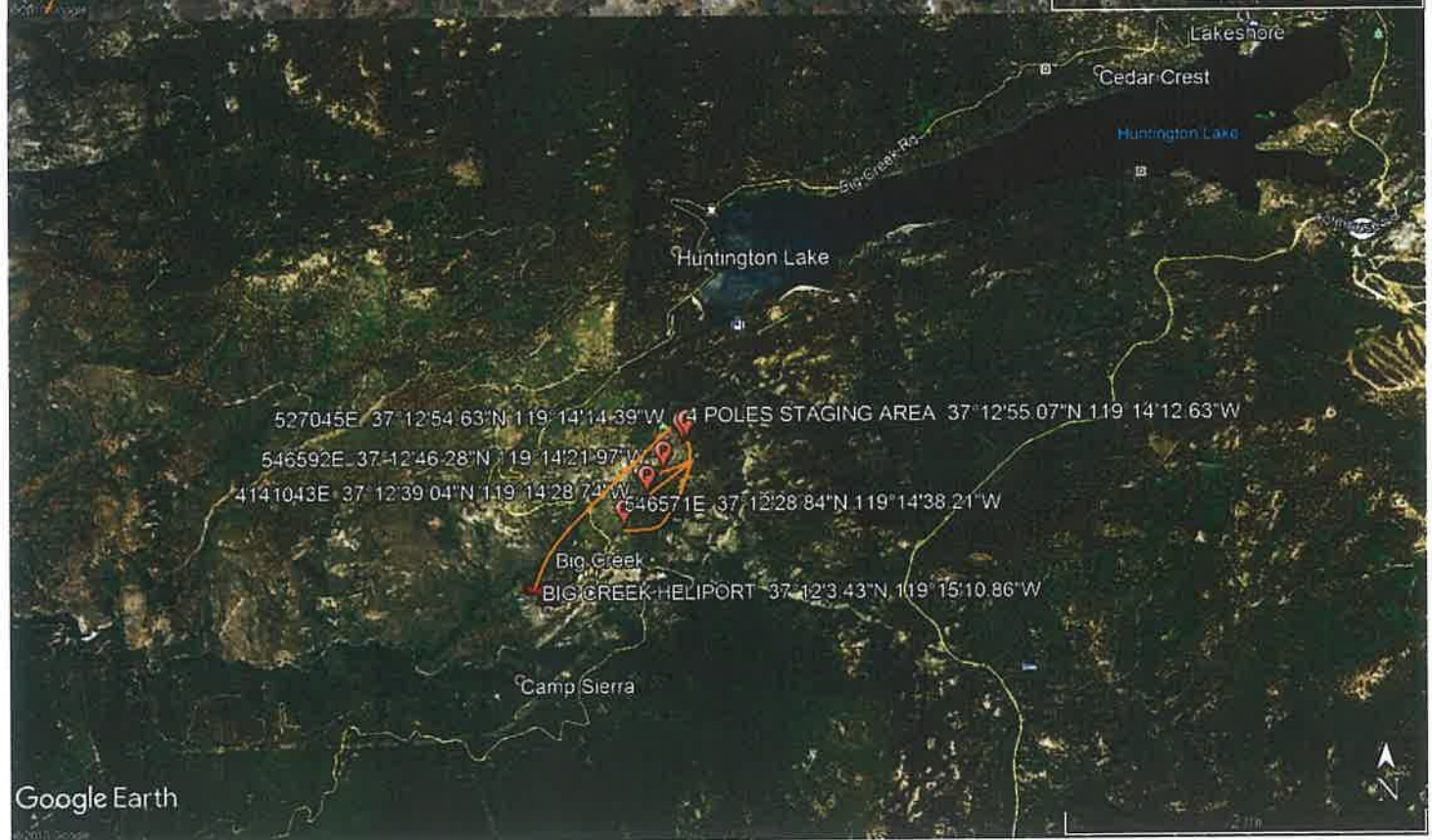
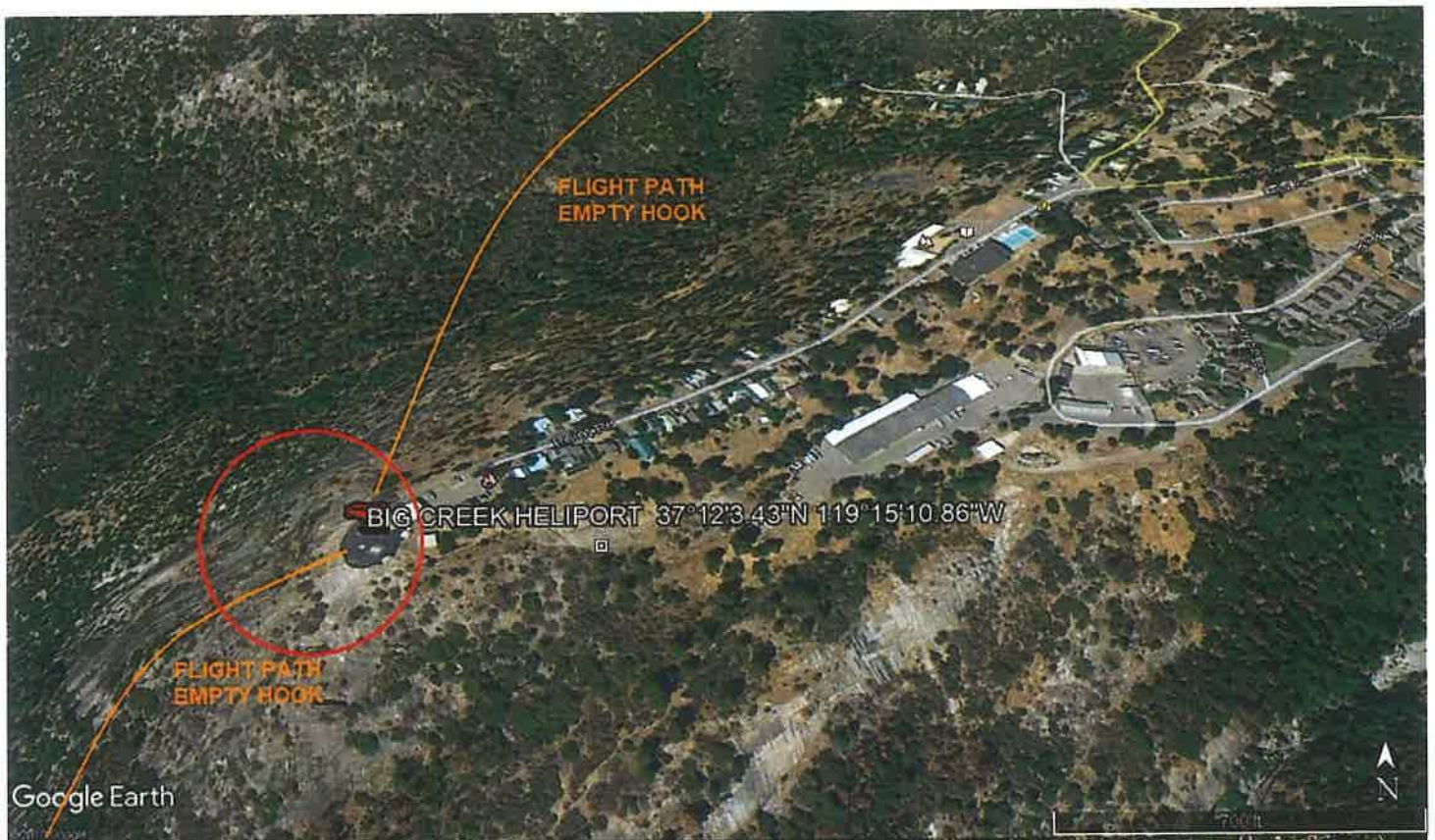
GUARDIAN
HELICOPTERS, INC.

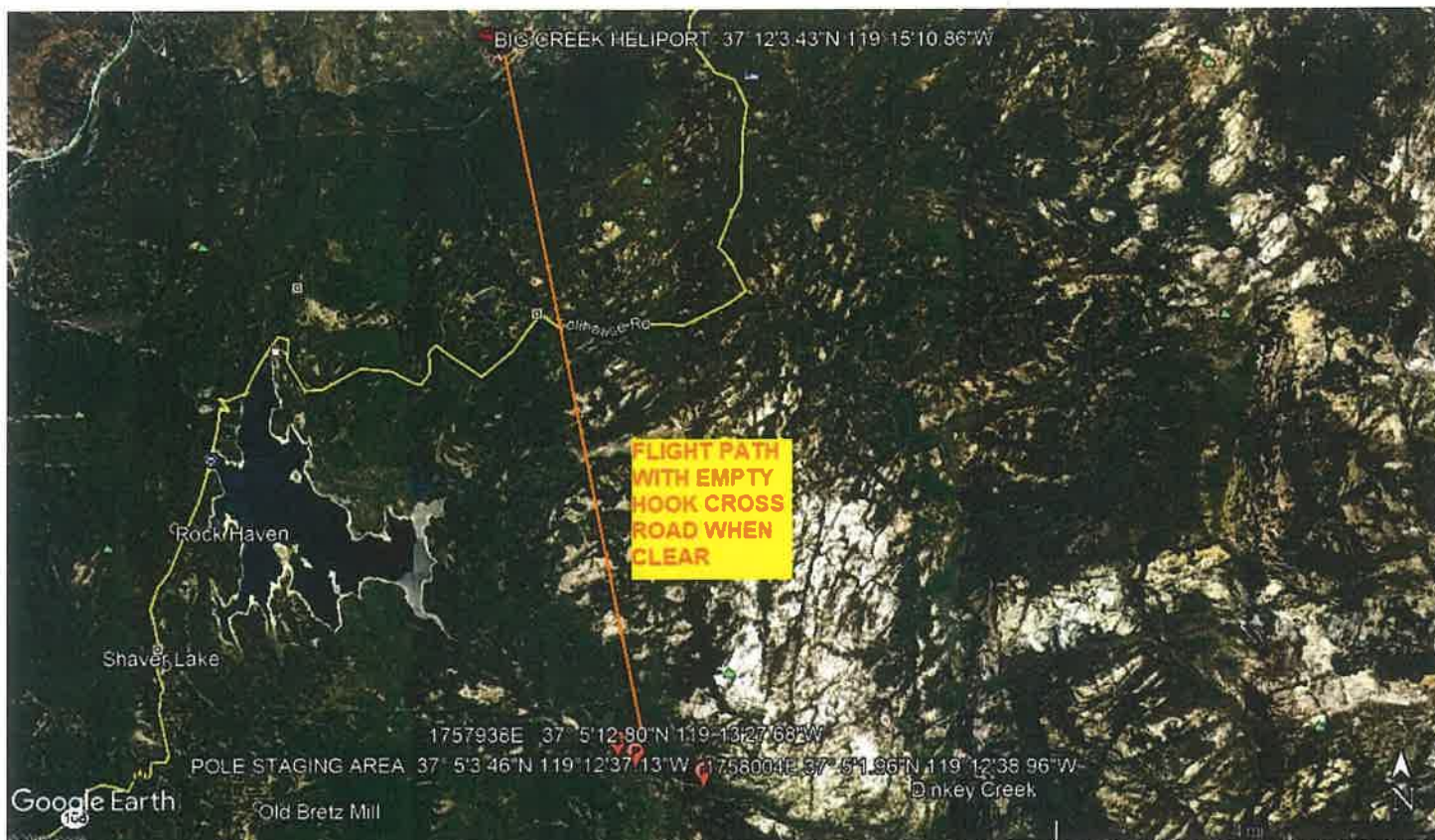
NON- Congested Area Plan (Continued)













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)	

8-25-2019

DATE OF SUBMISSION

Jeffrey M. Jutra

COMPANY OFFICIAL / TITLE

San Joaquin Region Helicopter Set Date 8/27/2019

#	Circuit	TD. #	Fly Date	Sta	Str. #	Pole Size	Weight	Elev	Coordinates	Pole Pick up locations
1	Big Creek Portal 33kV	TD1354697	8/27/2019	1&2	546592E	40' COMP	660	6300'	37.212891 -119.239456	All 4 poles picked here
2	Big Creek Portal 33kV	TD1354697	8/27/2019	3&4	546571E	40' COMP	660	5300'	37.208057 -119.244019	37.215531 -119.236903
3	Big Creek Portal 33kV	TD1354647	8/27/2019	1&2	527045E	45' CL 2	1560	6900'	37.215179 -119.237328	7000' elevation
4	Big Creek Portal 33kV	TD1436614	8/27/2019	1&2	4141043E	45' COMP	660	5870'	37.210889 -119.241333	
5										
6	PERIMETER 12 KV	TD1349802	8/27/2019	3 & 4	1758004E	50' COMP	920	6200'	37.084057 -119.210876	37.084283 -119.210357
7	PERIMETER 12 KV	TD1352549	8/27/2019	1 & 2	1757938E	50' COMP	920	6059'	37.087059 -119.224489	37.088644 -119.227921
8										
9										
10										
11										
12										
13										
14										

L2:

BIG CREEK USFS HELO PAD

Tailboard with crews here at 0700

Town:

BIG CREEK CA

GPS

37.200869 -119.252994

Elevation

6000'

Hot Line Contacts

Coby White

925-529-0524

cwhite@hotlineconstructioninc.com

SCE PGS Contacts:

Charlie Calvo (559)280-7850

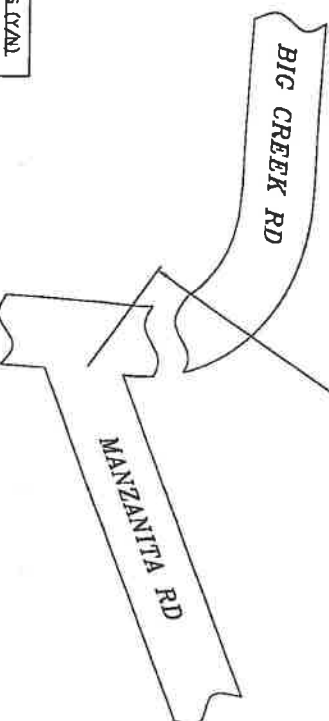
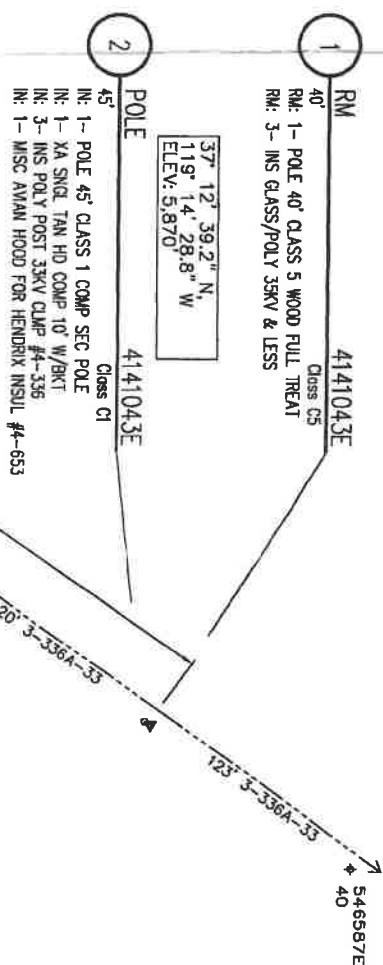
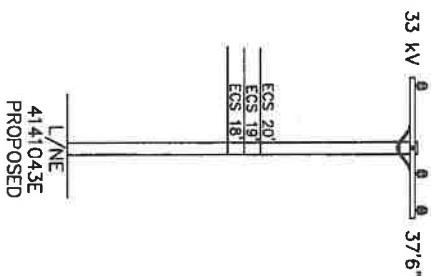
Kevin Holmes (559)331-9091

Notes:

can helo bring water bucket if needed to fight fire also bring 150' lead do to trees
6-8 pics per pole , might have to help transfer wire with helo

- NOTES:
- NO TRUCK ACCESS
 - HELICOPTER SET
 - SET HARD S/W
 - E-PTD
 - COMPOSITE POLE
 - RIGHTS CHECK (FEDERAL LAND)
- IRANSFEE:
- 3-336A-33KV
 - PHONE

SECTIONAL COMPOSITE



NOT TO SCALE

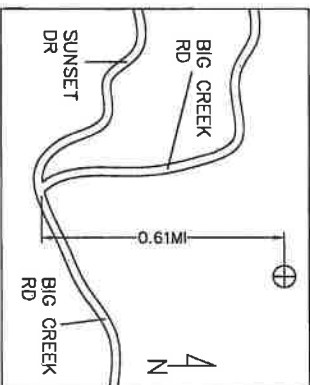
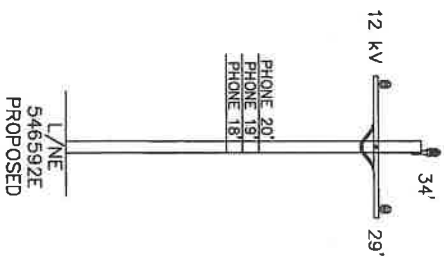
PROJECT REQUIREMENTS (Y/N)

EDISON ESSENTIAL REQUIRED	☐
PMRD 88 REQUIRED	☐
UC CIVIL ONLY WORK ORDER	☐
PERMIT REQUIRED	☒
PERMIT TYPE: USFS	
OUTAGE REQUIRED	☐
OUTAGE DATE: TIME:	
TRAFFIC CONTROL REQUIRED	☐
PEO. TRAFFIC CONTROL REQD	☐
CONVEYANCE LETTER REQD	☐
ENVIRONMENTAL CLEARANCE REQD	☐
CSO 140 (TIA) REQD	☐

DISTRICT		50 - SHAVER LAKE		PROJ. MGR. SANDOVAL, SANDRA		PLANNER DIVERSIFIED UTILITIES		DESIGNER DIVERSIFIED UTILITIES	
PROJECT NO.		1641164		ISSUE NO.		1436814		PROJECT-1 - DET POLE REPLACEMENT	
SERVICE REQUEST		2548782		THOMAS ROAD		PROJECT-2		ASSOC DESIGN	
CIRCUIT / VOLTAGE		BIG CREEK PORTAL 33KV		PROJECT-3		ASSOC DESIGN			
SUB / PG NO.		BIG CREEK 1 S2		PROJECT-3		ASSOC DESIGN			
INVENTORY MAP		682-1930-1		J.P.A. NO.		PROPOSED CONSTRUCTION (LOCATION)		STR# 4141043E	
DATE		8/24/2018		APPROVED BY		CHECKED BY		DRAWN BY	
TYPE		045-0C		PAX #		SHEET		OR	
Southern California Edison Company		1063801_0.01		DESIGN/DRWG NO.		1063801_0.01			

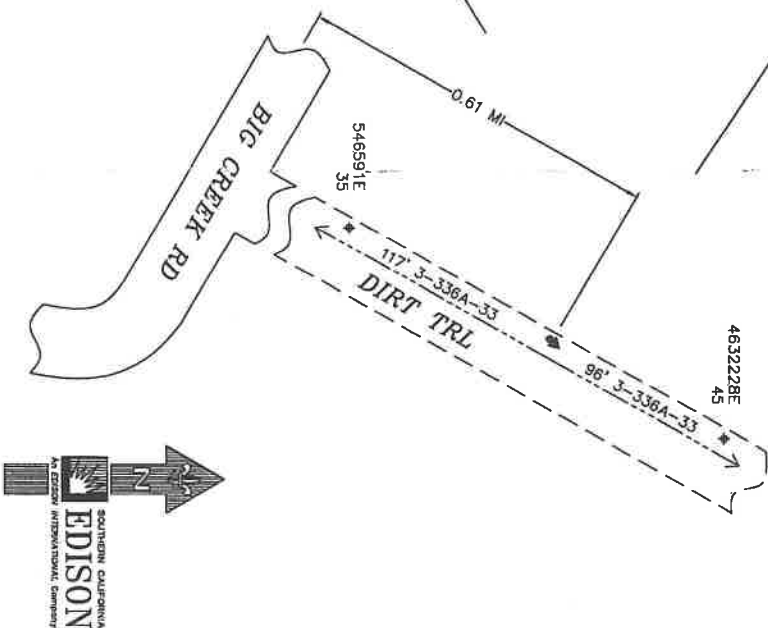
0.71 Rev 22/08/18

- NOTES:**
- NO TRUCK ACCESS
 - SET 3' SOUTH
 - E-PTD
 - HELICOPTER SET
 - RIGHTS CHECK (BLM)
- TRANSFER:**
- 3-336A-33KV
 - PHONE



PROJECT REQUIREMENTS (Y/N)	
EDISON ASBESTOS REQUIRED	N
PAVED ROAD REQUIRED	N
US CIVIL ONLY WORK ORDER	N
PERMIT REQUIRED	Y
PERMIT TYPE: BLM	
OUTAGE REQUIRED	N
OUTAGE DATE: TIME:	
TRAFFIC CONTROL REQUIRED	N
PED. TRAFFIC CONTROL REQ'D	N
CONVEYANCE LETTER REQ'D	N
ENVIRONMENTAL CLEARANCE REQ'D	Y
CSO 140 (TIA) REQ'D	N

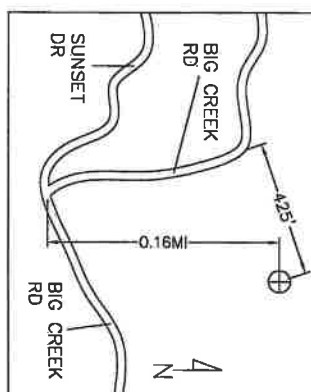
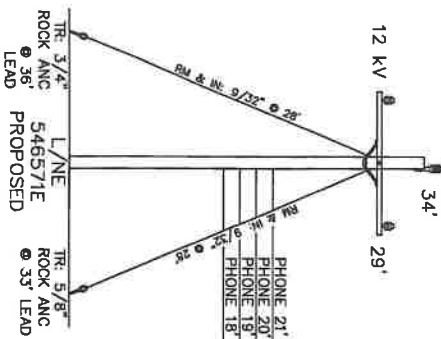
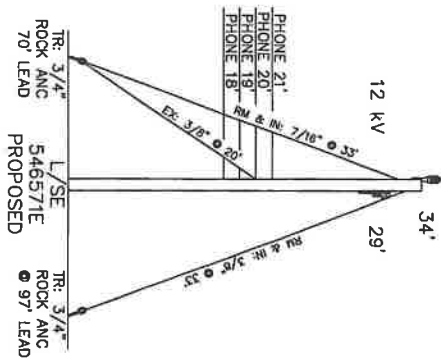
CIRCUIT		PROJ. WORK		SANDOVAL, SANDRA		PLANNER		DIVERSIFIED UTILITIES		DESIGNER		DIVERSIFIED UTILITIES	
50 - SHAWVER LAKE		PHONE						681-325-3212					
PROJECT NO.		SERVICE REQUEST		USER NO.		PRODUCT-1		- DET POLE REPLACEMENT		ASSOC DESIGN		ASSOC DESIGN	
1540361		2451343		THOMAS OLIVE		1354697		PRODUCT-2		ASSOC DESIGN		ASSOC DESIGN	
CIRCUIT / VOLTAGE		BIG CREEK PORTAL 33KV		CIRCUIT CODE		PRODUCT-3				ASSOC DESIGN		ASSOC DESIGN	
SUB / PG NO.		BIG CREEK 1 SL											
INVENTORY MAP		684-1930-1		J.P.A. NO.									
10/24/2016				DAS - DC									
DATE		APPROVED BY		CHECKED BY		DRAWN BY		PAX #		SHEET		DESIGN/DRAWING NO.	
												997866-0.01	
Southern California Edison Company													



NOT TO SCALE

- NOTES:
- NO TRUCK ACCESS
 - HELICOPTER SET
 - SET 3' N/E
 - E-PTD
 - TREE TRIMMING/REMOVAL
 - RIGHTS CHECK (BLM)

- TRANSFER:
- 3-336A-33KV
 - PHONE
 - 3-3/4" ROCK ANC
 - 5/8" ROCK ANC

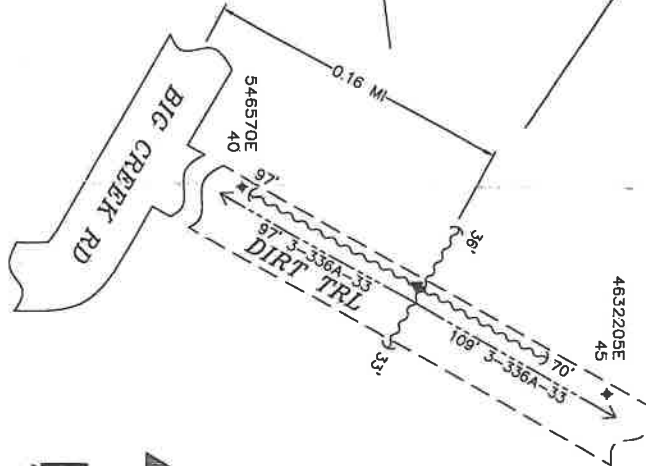


PROJECT REQUIREMENTS (Y/N)

EDISON EASMENT REQUIRED	☐
PERMITS REQUIRED	☐
UC OWN. ONLY WORK ORDER	☐
PERMIT TYPE: BLM	☐
OUTAGE REQUIRED	☐
TRAFFIC CONTROL REQUIRED	☐
PEDEST. TRAFFIC CONTROL REQD	☐
CONVEYANCE LETTER REQD	☐
ENVIRONMENTAL CLEARANCE REQD	☐
CSD 140 (TUM) REQD	☐

DISTRICT	SHAWER LAKE	PROJ. MGR.	SANDOVA, SANDRA	PLANNER	DIVERSIFIED UTILITIES
PROJECT NO.	1540361	USER NO.	1354697	ASSOC. DESIGN	
CIRCUIT / VOLTAGE	2251343	THOMAS GUIDE	1354697-2	ASSOC. DESIGN	
BIG CREEK PORTAL 33KV		PRODUCT	1354697-2	ASSOC. DESIGN	
SUB / RS NO.		CIRCUIT CODE	1354697-3	ASSOC. DESIGN	
% BIG CREEK SL		PROPOSED CONSTRUCTION (LOCATION)			
INVENTOR	682-1927-1	U.P.A. NO.			
DATE	10/25/2016	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
Southern California Edison Company			DESIGN WORKING NO. 997866_0.01		

NOT TO SCALE



3 RM 35' 546571E Class C5

1- POLE 35' CLASS 5 WOOD FULL TREAT

RM: 3- INS GLASS/POLY 33KV & LESS

RM: 1- XA SNG. VB 10' STEEL PINS

RM: 2- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV

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

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

4 POLE 40' 546571E Class C1

1- POLE 40' CLASS 1 RS COMP SEC POLE

IN: 3- INS POLY POST 33KV CLAMP #4-335

IN: 1- XA SNG. TAN HD COMP 10' W/BKT

IN: 1- INS POLY & RIDGE PIN 33KV

IN: 1- RIDGE PIN COMPOSITE POLE CAP

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

IN: 2- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV

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

37° 12' 29.01" N,
119° 14' 38.46" W
ELEV: 5,305

**HUNTINGTON
LAKE**

HUNTINGTON LODGE RD

SERVICE RD (DIRT)

GPS COORDINATES		
37°	12'	54.64"
119°	14'	14.37"

NOTE:
1- ACCESS THRU US FOREST SERVICE (DIRT RD)
2- SET 2 NORTH
3- E-TRANSFER COMM (PONDEROSA RENTER)
4- E-PTD
5- HELICOPTER SET
6- ELEVATION 6930'
7- AREA SUBJECT TO DISPATCHERS
(BULLETIN 322)

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 REO'D

ENVIRONMENTAL CLEARANCE REQ'D

CSD 140 (TLM) REQ'D

Date Rec'd: 02/09/12

38 PRI

23
22
21
20
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16
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14
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SCALE: 1" = 100'

527045E L/N

DISTRICT 50 - SHAWER LAKE	POOL MGR. SANDOVAL, SANDRA PHONE	PLANNER POTTERO, MIGUEL A PHONE 559.654.3805	DECIDER YOUNG, SYDNEY E.
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1540311	ASSOC DES
2451293	1354647-INFRA REPLAC - DET POLE REPLACEMENT
2451293	PRIVILEGE
2451293	MEM NO.
2451293	SERVICE RECORDS
2451293	FRUITBOLT 1800

 ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF ONTARIO	 ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF ONTARIO
--	--

ASSOC DESIG		01624	BIG CREEK 1
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PROPOSITION NO:	684-1330-1	DATE REC'D:	
PROPOSED CONSTRUCTION (LOCATION)			
DET POLE REPL PROG - 527045E			

[illegible][illegible]

TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAY #	SHEET	DESIGN \ DRAWING NO.
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Southern California Edison Company	1 of 1	99/820_0.01
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Southern California Edison Company

99/820-0.01

- TRANSFER:
● 3-336A-12

[illegible]

Southern California Edison Company

996185 0.01

- TRANSFER:
• 3-336A-12

[illegible]

San Joaquin Region Helicopter Set Date 8/28/2019

#	Circuit	TD. #	Fly Date	Sta	Str. #	Pole Size	Weight	Elev	Coordinates	Pole pick up location
1	MT Givens 2.4 kV	TD1415266	8/28/2019	1&2	1722693E	45' COMP	660	7600'	37.316929 -119.076378	3 pole pick ups here
2	MT Givens 2.4 kV	TD1415266	8/28/2019	3&4	1722689E	45' COMP	660	7600'	37.316014 -119.078461	37.324324 -119.086795
3	MT Givens 2.4 kV	TD1421323	8/28/2019	3&4	1722669E	45' COMP	660	9000'	37.304099 -119.091453	Elevation 8017'
4										
5	MT Givens 2.4 kV	TD1421323	8/28/2019	1&2	1807022E	45' COMP	660	8700'	37.285362 -119.105782	37.285297 -119.103340
6	MT Givens 2.4 kV	TD1342428	8/28/2019	5&6	1807100E	45' CL3	1410	7500'	37.261614 -119.140184	37.261681 -119.141404
7										
8										
9										
10										
11										
12										
13										
14										

LZ:

CHINA PEAK

Town:

HUNTINGTON LAKE

GPS

37.235734 -119.152587

Elevation

7030'

Hot Line Contacts

Coby White

925-529-0524

cwhite@hotlineconstructioninc.com

SCE PGS Contacts:

Charlie Calvo (559)280-7850

Kevin Holmes (559)331-9091

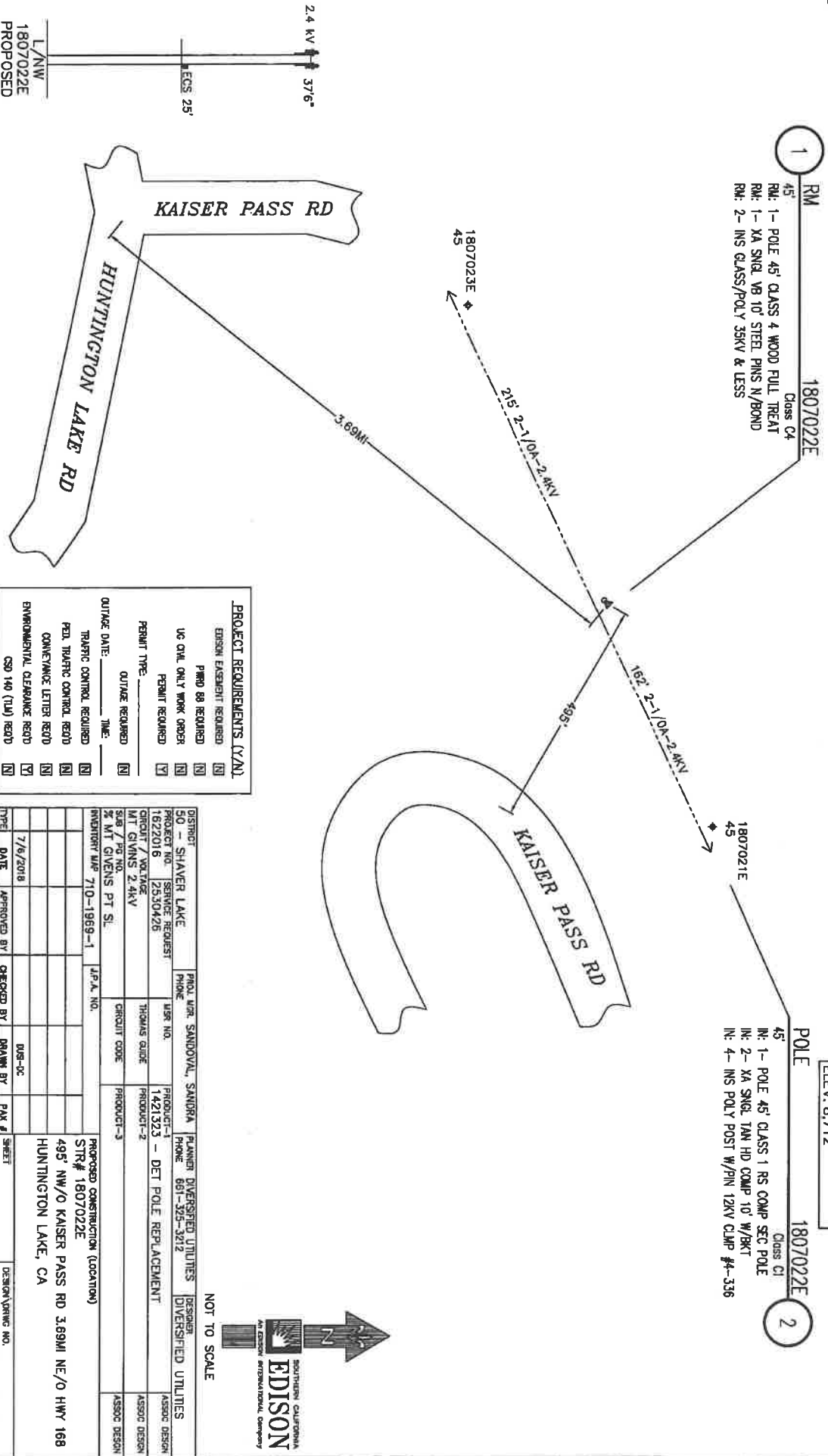
Notes:

GF requests 150' long line due to tree heights
6-8 pics per pole hauling tools and material & might to assist with conductor transfers to new pole
can helicopter company bring water bucket if needed to fight fire

Tailboard with crews here at 0700

- NOTES:
- NO TRUCK ACCESS
 - HELI-SET
 - SET 2' S/W

- TRANSFER:
- 2-1/0A-2.4KV
 - ECS

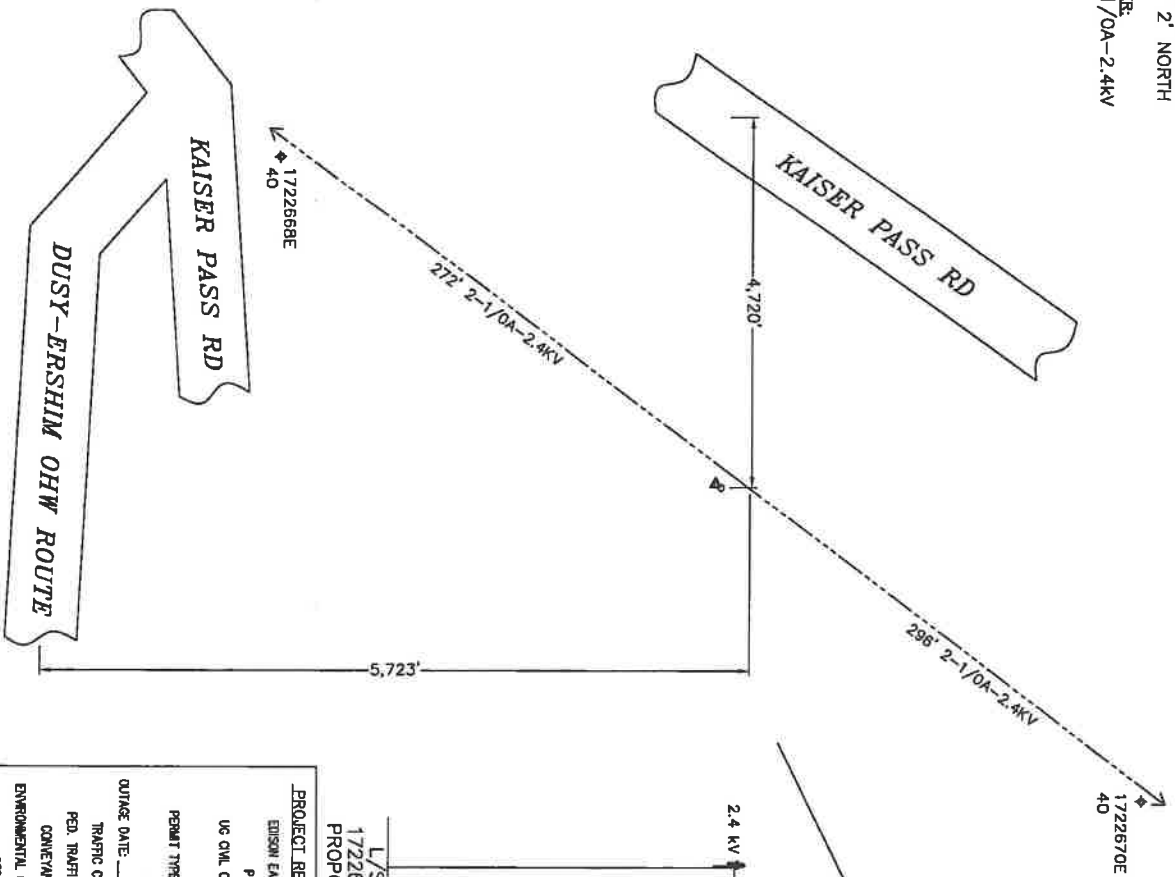


NOT TO SCALE

PROJECT REQUIREMENTS (Y/N)	
EDISON ELEMENT REQUIRED	☐
PMO 88 REQUIRED	☐
US CIV. ONLY WORK ORDER	☐
PERMIT REQUIRED	☒
OUTAGE REQUIRED	☐
OUTAGE DATE: _____ TIME: _____	
TRAFFIC CONTROL REQUIRED	☐
PEL. TRAFFIC CONTROL REQD	☐
CONFORMANCE LETTER REQD	☐
ENVIRONMENTAL CLEARANCE REQD	☒
CSD 140 (TUL) REQD	☐

DISTRICT	50 - SHAWER LAKE	PROJ. MGR.	SANDOVA, SANDRA	PLANNER	DIVERSIFIED UTILITIES
PROJECT NO.	1622016	DESIGN REQUEST	12530426	USER NO.	1421323
CIRCUIT / VOLTAGE	MT CIVENS 2.4KV	THOUSAND GUIDE	PRODUCT-2	PRODUCT-3	PROPOSED CONSTRUCTION (LOCATION)
MT CIVENS 2.4KV					STR# 1807022E
5/8" MT CIVENS PT SL.					495' NW/O KAISER PASS RD 3.69MI NE/O HWY 168
INVENTORY MAP 710-1969-1					HUNTINGTON LAKE, CA
DATE	7/6/2018	APPROVED BY	CHECKED BY	DRAWN BY	PAY #
Southern California Edison Company					
SHEET					DESIGN/PRINT NO.
					1051801_0.01

- NOTES:**
- NO TRUCK ACCESS
 - HELL-SET
 - SET 2' NORTH
- TRANSFER:**
- 2-1/OA-2.4KV



L/SW
1722669E
PROPOSED

2.4 kV 37'6"

POLE	1722669E	4
45' Class C1		
IN: 1- POLE 45' CLASS 1 RS COMP SEC POLE		
IN: 4- INS POLY POST W/PIN 12KV CLAMP #4-336		
IN: 2- XA SING TAN HD COMP 10' W/BRT		

RM	1722669E	3
45'	Class C4	
RM: 1-	POLE 45' CLASS 4 WOOD FULL TREAT	
RM: 4-	INS GLASS/POLY 35KY & LESS	
RM: 1-	XA DBLE VB 10' STEEL PINS N/BOUND	

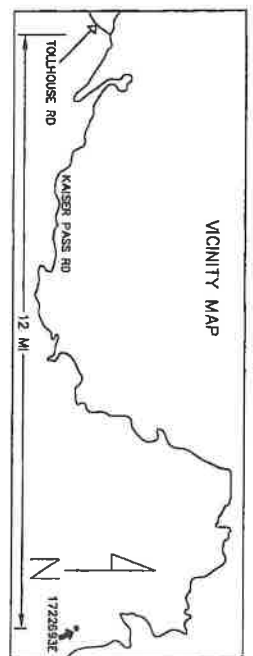
<u>PROJECT REQUIREMENTS (Y/N)</u>	
EDISON EXHAUST REQUIRED	☐ N
PWRD 88 REQUIRED	☐ N
UG CIVIL ONLY WORK ORDER	☐ N
PERMIT REQUIRED	☒ Y
PERMIT TYPE: _____	
OUTAGE REQUIRED	☐ N
OUTAGE DATE: _____	TIME: _____
TRAFFIC CONTROL REQUIRED	☐ N
PED. TRAFFIC CONTROL REQUIRED	☐ N
CONVEYANCE LETTER REQD	☐ N
ENVIRONMENTAL CLEARANCE REQD	☒ Y
CSO 140 (TUM) REQD	☐ N

DISTRICT		PROJ. WGR. SANDOVAL, SANDRA		PLANNER DIVERSIFIED UTILITIES		DESIGNER DIVERSIFIED UTILITIES	
SO - SHAVER LAKE		PHONE		PHONE 661-325-3212			
PRODUCT NO.	SERVICE REQUEST	ISSN NO.	PRODUCT-1	ASSOC. DESIGN			
16222016	2530426		1421323 - DET POLE REPLACEMENT	ASSOC. DESIGN			
CIRCUIT / VOLTAGE	THOMAS GUIDE		PRODUCT-2	ASSOC. DESIGN			
SLB / PG NO.		CIRCUIT CODE	PRODUCT-3	ASSOC. DESIGN			
2.4KV							
% MT GVINS PT SL							
INVENTORY MAP	7/6-1972-1	U.F.A. NO.					
				PROPOSED CONSTRUCTION (LOCATION)			
				STR# 1722659E			
				4.720' E/O KAISER PASS 5.273' NE/O DUSY-GRSHM OHV			
				HUNTINGTON LAKE, CA			
7/6/2018							
DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #	SHEET		
					DESIGN DURING NO.		
Southern California Edison Company				1051801-0.01			

NOT TO SCALE



- TRANSFER:
- 2-1/OA-2.4
 - 3/4" ANCHOR



DISTRICT		50 - SHAWER LAKE		PHILIP HORN SANDOVAL, SANDRA		PLANNER DIVERSIFIED UTILITIES	
PROJECT NO.	DESIGN REQUEST	USER NO.	PRODUCT-1	PHONE		PHONE	661-325-3212
1614319	2529247		1415266-1				
CIRCUIT / VOLTAGE		THOMAS OLIVER		PRODUCT-1-2		DET POLE REPLACEMENT	
M.T. GIVENS 2.4KV							
SAB / PG NO.	34 M.T. GIVENS P.T. SL	CIRCUIT CODE		PRODUCT-3			
APPROVED MAP	722-1978-1	U.P.A. NO.		PROPOSED CONSTRUCTION (LOCATION)			
				STR# 1722693C			
				12 MI NE/O TOLHOUSE RD 900' SW/O KAISER PASS RD			
				HUNTINGTON LAKE, CA			
6/22/2018			DISE-ALL/AR	SHEET			
DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAGE			
Southern California Edison Company				RESPONDING NO.		1047789 0.01	

NOT TO SCALE

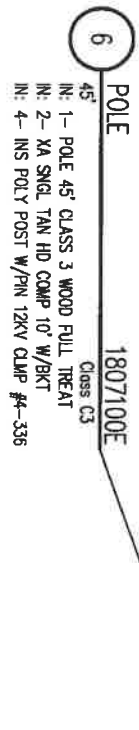
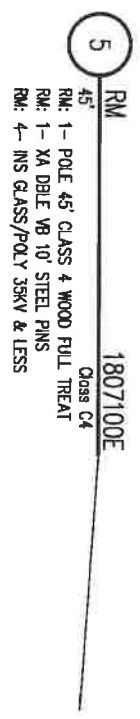


- TRANSFER:
2-1/OA-2.4

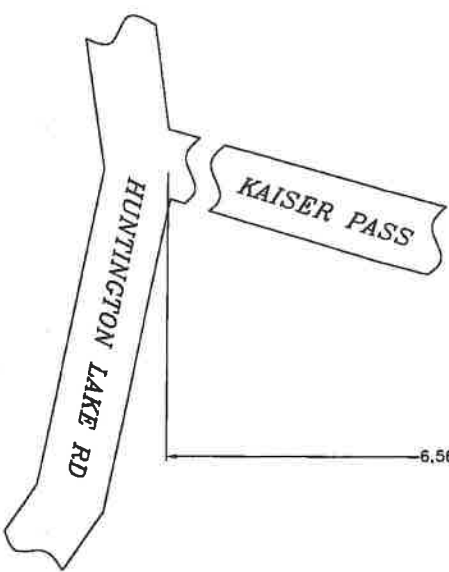
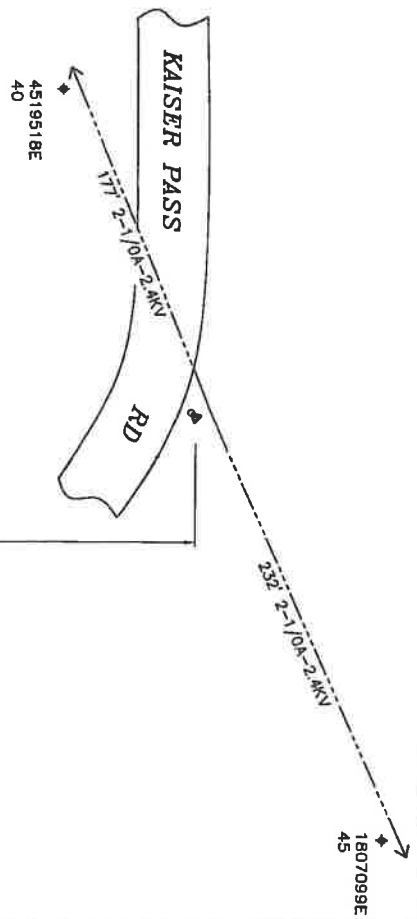
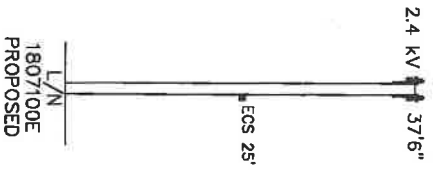


- NOTES:
- TRUCK ACCESS GOOD
 - SET 2' S/W

- TRANSFERR:
- 2-1/0A-2.4KV
 - ECS



37' 15" 41.8" N,
119' 8" 24.6" W
ELEV: 7.425'



PROJECT REQUIREMENTS (Y/N)

ENGIN EASEMENT REQUIRED	☐
PERM 88 REQUIRED	☐
UC CIVL ONLY WORK ORDER	☐
PERMIT REQUIRED	☒
PERMIT TYPE: U.S.F.S.	☐
OUTAGE REQUIRED	☐
OUTAGE DATE: TIME:	☐
TRAFFIC CONTROL REQUIRED	☒
RED. TRAFFIC CONTROL REQD	☐
CONVEYANCE LETTER REQD	☐
ENVIRONMENTAL CLEARANCE REQD	☒
CSD 140 (TMA) REQD	☐

DISTRICT 50 - SHAYER LAKE		PROJ MGR SANDOVAL, SANDRA		PLANNER DIVERSIFIED UTILITIES	
PROJECT NO. 1524734		SERIAL NO. 1342428		DESIGNER ASSOC DESIGN	
CIRCUIT / VOLTAGE MT GIVINS 2.4KV		THOMAS GUIDE		ASSOC DESIGN	
SUB / PS NO.		CIRCUIT CODE		ASSOC DESIGN	
X MT GIVINS SL		PRODUCT-3		ASSOC DESIGN	
INVENTORY MAP 702-1957-1		L.P.A. NO.		PROPOSED CONSTRUCTION (LOCATION)	
DATE 7/6/2018		APPROVED BY		SHEET 1 OF 1	
CHECKED BY		DRAWN BY		DESIGN/WORKING NO. 988055_0.01	
DATE		APPROVED BY		SHEET	

Southern California Edison Company