

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:

- ☐ 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

*Crestline / Arrowhead 9-13-2019
Non CAP
Spole (1) 50 HI (4) 45 CL 4 max 2500
Green Valley Lake RD Landing Zone*

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: 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 #: SEE LIST
 ADDRESS: 23960 FERN GLEN RD : CRESTLINE CA
 GREEN VALLEY LAKE LZ STAGING AREA LATITUDE 34°14'1.28"N 117° 5'22.35"W
 1763302E LATITUDE 34°15'24.56"N LONGITUDE 117° 5'47.48"W
 1261314E LATITUDE 34°13'23.14"N LONGITUDE 117° 2'59.46"W
 1027635E LATITUDE 34°14'5.50"N LONGITUDE 117° 5'7.30"W
 1027637E LATITUDE 34°14'8.10"N LONGITUDE 117° 5'5.30"W
 1027639E LATITUDE 34°14'11.25"N LONGITUDE 117° 5'3.43"W
 CONTACT AT SITE: PROENERGY PHONE#: 714-293-2538

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

IF SAFETY DICTATES AND OR THE CUSTOMER REQUESTS ADDITIONAL LIFTS THE LIFTS WILL BE CONDUCTED REMAINING WITHIN THE APPROVED TIME PARAMETERS.

TYPE OF LIFTS: (1) ↓ 50 H1 (1) ↑ 50 H1 2500 LBS (4) ↓ 45 CL 4 (2) ↑ 45 CL 4 1300 LBS 1000 LBS CLASS
 OF LOAD: EXTL CL B TYPE OF ITEM LIFTING: POLE ☐ AERODYNAMIC ☒ NON- AERODYNAMIC
 NO. OF LIFTS: 10 LONG LINE: _____ (NO) XXX (YES) LESS THEN 100 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
9-10-2019	SUNRISE	SUNSET	9-4-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
TWIN PEAK POLICE	909-336-0600	WATCH COMMANDER	NOTIFY
SANT BERNARDINO FIRE	909-338-0625	STATION	NOTIFY

Evacuation

Crowd Control

Street Closure

☒ No Evacuated Structures

☒ Operator

☒ Yes ☐ No

☐ Evacuated Structures

☒ Contractor

☒ Contractor

☐ Operator



SECTION 7

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

Operator: Guardian Helicopters, Inc
67 D Street
Fillmore, California 93015

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

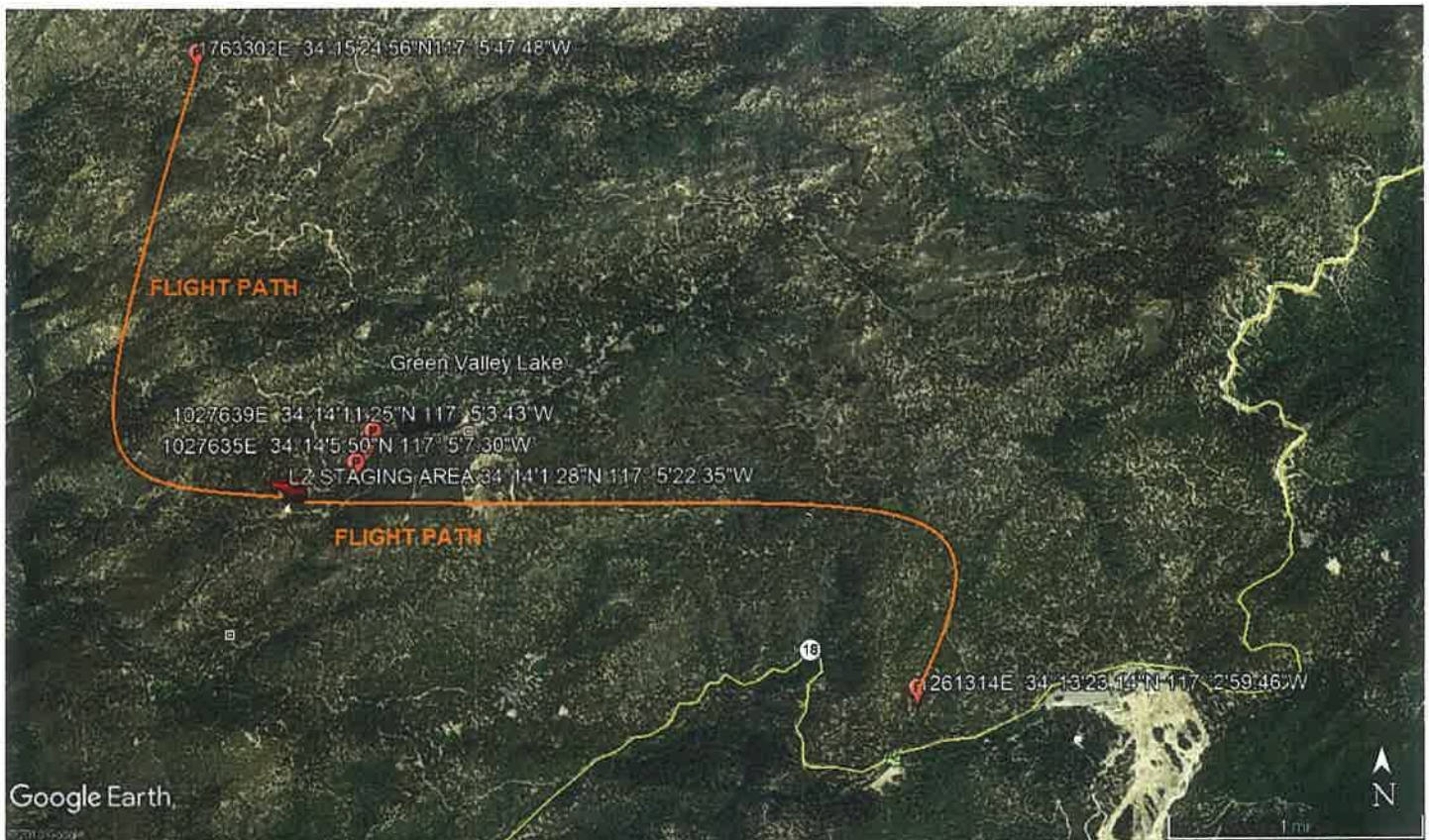
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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 GREEN VALLEY LAKE LZ TO CONNECT THE LONGLINE. THE POLES WILL BE STAGED AT THE LANDING ZONE .
2. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. TAILBOARD SAFETY BRIEF CONDUCTED AT THE STAGING AREA PRIOR TO FLIGHT
5. FLAGMAN WILL NEED TO STOP TRAFFIC ON GREEN VALLEY LAKE ROAD WHILE HELICOPTER IS SETTING POLES CLOSE TO THE STREET
6. SEE DRAWING BELOW FOR LOCATIONS OF CLOSURES
7. WATER TRUCK REQUIRED AT LANDING ZONE
8. NO HOMES WILL REQUIRE EVACUATIONS
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED







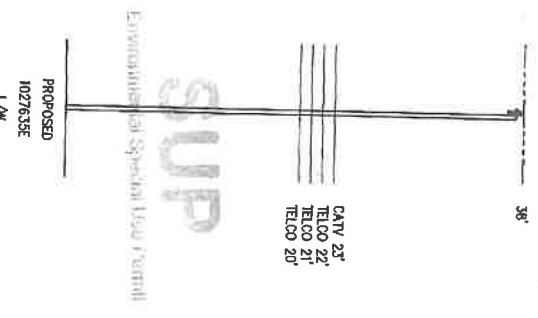
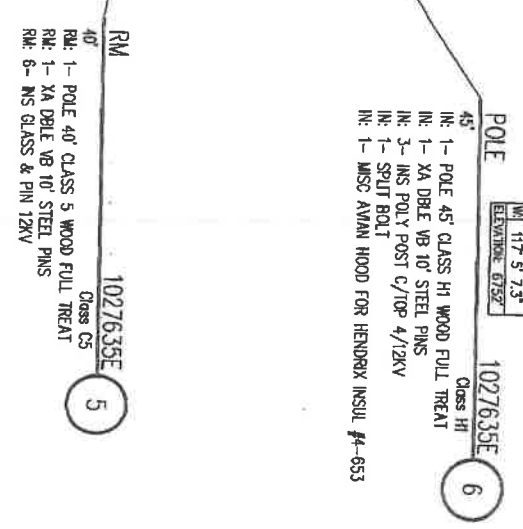
9-5-2019

DATE OF SUBMISSION

Jeffrey M. Jentura

COMPANY OFFICIAL / TITLE

-

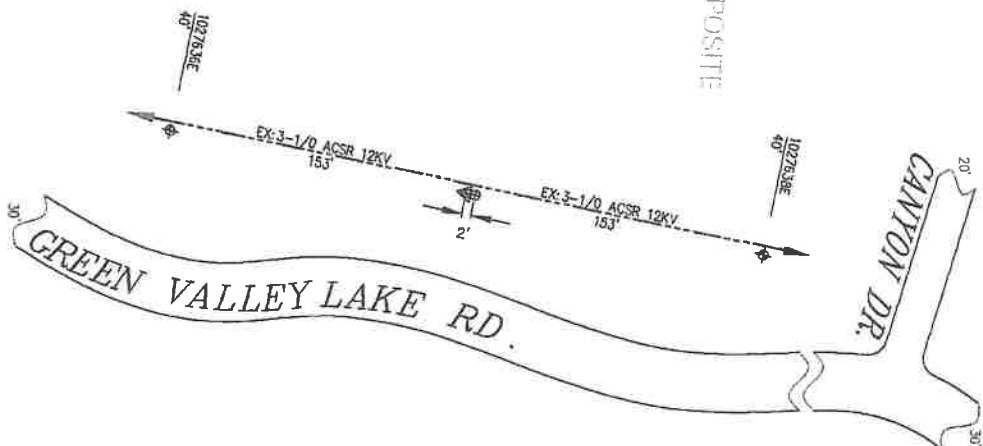
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NOT TO SCALE



- NOTES:
- SET LOCATION: HARD NORTH EAST.
 - SEC 10 P.D.
 - GOVERNMENT LAND (SRA).
 - EXIST. ZONE.
 - HAND SET/DIG.
 - BULLETIN 322 AREA.
- TRANSFER:
- 3-1/0MCSR 12KV
 - 1-1/2+1/4" CATV
 - 1-3/4+5/16" CATV
 - 1-1+5/16" TELCO
 - 1-1+5/16" TELCO

SECTIONAL COMPOSITE



POLE

GPS COORDINATES
N: 35° 14' 8.10"
E: 117° 5' 3.30"
ELEVATION: 6743'

1027637E

8

- 45' Class C1
- IN: 1- POLE 45' CLASS 1 RS COMP SEC POLE
 - IN: 3- 1/4" SNG. TAN HD COMP 10' W/BKT
 - IN: 3- 1/4" SNG. POLY POST C/TOP 4/12KV
 - IN: 1- SPLIT BOLT
 - IN: 1- MSC AMAN HOOD FOR HENDRIX INSL #4-653

RM

1027637E

7

- 40' Class C5
- RM: 1- POLE 40' CLASS 5 WOOD FULL TREAT
 - RM: 1- 1/4" DBL V& 10' STEEL PINS
 - RM: 1- INS GLASS & PIN 12KV

PROJECT REQUIREMENTS (V/L)		DISTRICT		PROJ. MGR. GALLARDO, ANTHONY		PLANNER TIDWELL DESIGN		DESIGNER TIDWELL DESIGN	
DESIGN DOCUMENT REQUIRED	NO	PROJECT NO.	1027637E	PHONE	909-274-3824	PHONE	805-647-4707	ASSOC. DESIGN	
PERMITS REQUIRED	NO	SERVICE REQUEST	1027637E	MSR NO.	1027637E	PRODUCT-1	1027637E	ASSOC. DESIGN	
PERMIT TYPE: GOV. LAND	NO	CURRENT / VOTING	1027637E	THOMAS GUNDE	1027637E	PRODUCT-2	1027637E	ASSOC. DESIGN	
OUTSIDE REQUIRED	NO	TAGSERT 12KV	1027637E	CIRCUIT CODE	1027637E	PRODUCT-3	1027637E	ASSOC. DESIGN	
OUTSIDE DATE: _____	TIME: _____	SUB / RE NO.	1027637E	PROPOSED CONSTRUCTION (LOCATION)	1027637E				
TRAFFIC CONTROL REQUIRED	NO	INVENTORY MAP 288-2274-1	1027637E	GREEN VALLEY LAKE RD P/P 230' E 917' S/O					
PEL, TRAFFIC CONTROL, RECD	NO	J.P.A. NO. E6040-409090383	1027637E	CANYON DR					
CONFORMANCE LETTER RECD	NO		1027637E	GREEN VALLEY					
ENVIRONMENTAL CLEARANCE RECD	NO		1027637E						
CSO 10 (TUV) RECD	NO		1027637E						
DATE		APPROVED BY	CHECKED BY	DRAWN BY	PAX #	DESIGN/WORKING NO. 990395-0.01			
Southern California Edison Company									

NOT TO SCALE



PROPOSED
1027637E
L/NW

CATV 21'
TELCO 20'
TELCO 19'
TELCO 18'

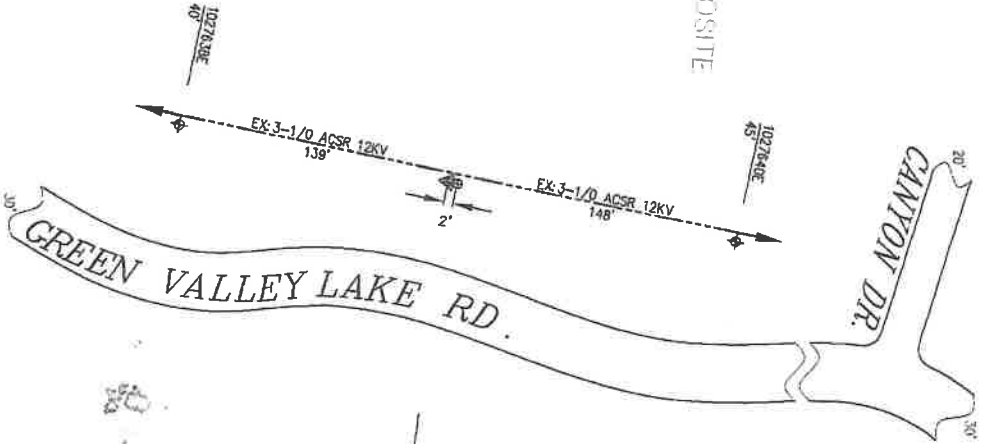
NOTES:

- SET LOCATION: HARD NORTH EAST.
- SEE TO PTD.
- GOVERNMENT LAND (SRA)
- EAGLE ZONE
- HAND SET/DIG.
- BULLETIN 322 AREA.

TRANSFER:

- 3-1/0ACSR 12KV
- 1-1/2"x1/4" CATV
- 1-3/4"x5/16" TELCO
- 2-1/8"x5/16" TELCO

SECTIONAL COMPOSITE



POLE

GPS COORDINATES	
N	35° 14' 11.25"
W	117° 5' 3.43"
ELEVATION: 6765'	

1027639E

4

- 45' Class C1
- NE: 1- POLE 45' CLASS 1 RS COMP SEC POLE
- NE: 1- 1" XA SNGL TAN HD COMP 10' W/BKT
- NE: 3- INS POLY POST C/TOP 4/12KV
- NE: 1- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653
- NE: 1- SPUT BOLT

RM

1027639E

3

- 45' Class C4
- RM: 1- POLE 45' CLASS 4 WOOD FULL TREAT
- RM: 1- 1" XA DBLE VB 10 STEEL PINS
- RM: 6- INS GLASS & PIN 12KV

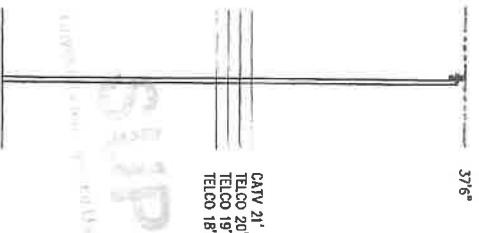
PROJECT REQUIREMENTS (V/A)		DISTRICT		PROJ. MGR. GALLARDO, ANTHONY		PLANNER TIDWELL, DESIGN		DESIGNER TIDWELL, DESIGN	
EDISON ELEMENT REQUIRED	☐	PROJECT NO.	1528728	SERVICE REQUEST	12439942	MSR NO.	N/A	PRODUCT-1	1345517
PERM. REQUIRED	☐	REMARK REQUIRED	☐	THOUS. GUIDE	N/A	PRODUCT-2		INFRA REPLAC - DET POLE REPLACEMENT	
PERMIT TYPE: DOW. LAND	☐	OUTLINE REQUIRED	☐	SSR / PG. NO.	268-2277-1	PRODUCT-3		GREEN VLY LAKE RD P/P 146' E 557'	
OUTLINE DATE: _____		INVENTORY MAP	268-2277-1	U.S.A. NO.	EG040-409090383	PROPOSED CONSTRUCTION (LOCATION)		S/O CANYON DR	
TRAFFIC CONTROL REQUIRED	☐	CONTRACTOR LETTER REQ'D	☐	DESIGNING NO.	990395_0.01				
ENVIRONMENTAL CLEARANCE REQ'D	☐	CSO 140 (TUL) REQ'D	☐						

Southern California Edison Company



NOT TO SCALE

PROPOSED
1027639E
L/NW



- NOTES:
- NO TRUCK ACCESS
 - SET 1' WEST
 - E TO CUT 10' & PTD
 - FTR TO SOP
 - CREW TO CUT PRIMARY & INSTALL DEAD END TO ACCOMMODATE HEIGHT ADJUSTMENT

TRANSFERS
 • 3-356A-33
 • 3-1/0A-12

1 RM 1261314E
 40' Class C5
 RM: 1- POLE 40' CLASS 5 WOOD FULL TREAT
 RM: 1- YA DELE VB 10' STEEL PINS
 RM: 1- YA SNGL VB 10' STEEL PINS
 RM: 6- INS CLASS/POLY 3KV & LESS

34' 13" 23.0" N
 117' 2" 59.5" W
 ELEV. 6,708

2 POLE 1261314E
 50' Class H1

IN: 1- POLE 50' CLASS H1 WOOD FULL TREAT
 IN: 1- YA DELE VB 10' STEEL PINS D/A BRKT
 IN: 6- INS POLY DE 3KV HOT SHOE 336 ACSR
 IN: 3- INS POLY POST 3KV CLAMP #4-336
 IN: 1- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653
 IN: 1- YA DELE VB 10' STEEL PINS
 IN: 6- INS POLY DE 12KV HOT SHOE 336 ACSR
 IN: 3- INS POLY POST W/PIN 12KV CLAMP #4-336
 IN: 1- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653

42'6" SEYMOUR 33 KV % SANTA ANA RIVER

36'6" SNOW VALLEY 12 KV % RUNNING SPRINGS

1261314
 PROPOSED

GREEN VALLEY TRAIL

STATE HWY 18 W/B
 STATE HWY 18 E/B

GATE # 3 KEY

Environmental Special Use Permit



NOT TO SCALE

PROJECT REQUIREMENTS (Y/N)		DISTRICT		FIELD MGR. GALLARDO, ANTHONY		PLANNER DIVERSED UTILITIES	
EDISON EASEMENT REQUIRED	☐	40 - ARROWHEAD	PRIME REQUEST	ASR NO.	1383700-1	INFRASTRUCTURE REPLACEMENT PUP	ASSOC DESIGN
PERM REQUIRED	☐	1576001	2485924	THOMAS GAGE	PRODUCT-2		ASSOC DESIGN
PERMIT TYPE NATIONAL FOREST	☐	SNOW VALLEY 12KV SEYMOUR 33 KV					
OUTAGE REQUIRED	☐	INVENTORY MAP 264-2286-1					
OUTAGE DATE	TIME	L.P.A. NO.					
TRAFFIC CONTROL REQUIRED	☐	PROPOSED CONSTRUCTION (LOCATION)					
RED. TRAFFIC CONTROL REQ'D	☐	STR# 1261314E					
CONFORMANCE LETTER REQ'D	☐	110' E/O GREEN VALLEY TRAIL 673' N/O STATE HWY 18					
ENVIRONMENTAL CLEARANCE REQ'D	☐	ARROWHEAD, CA					
CSO NO (TAD) REQ'D	☐	DATE 3/26/2018					
		APPROVED BY					
		CHECKED BY					
		DRAWN BY					
		PAK #					
		SHEET					
		DESIGNING NO.					
		1021722_0.01					

1261314E

Remote

