

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
'9-10-2019
Now-CAP
(2) 45 CL1 Composite poles
L2 pilot rock

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

Pilot:

Location:

Mission:

Aircraft:[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: ○ 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 ☐ <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



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:*	Rey Ruiz
Department:*	Contract CC
Pax:*	
Cell Number:*	714-402-2328
Email Address:*	ruizr@proe.services

SAP Accounting Number* multiple TDs listed below for 15 poles

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):

TD1421951,1421929,1387752,1345517,1464880,1470505,1397384,1385960,1345517,
1465284,1456409 ALL WO MAPS INCLUDED

General Operating Location	Arrowhead Lake
District	40
LZ Coordinates (if known)	TBD
Pick-up location for passenger flights	TBD
Drop-off location for passenger flights	TBD

Date(s) for which service is requested	8-12-19 through 8-23-19
Time of Pick-up	8am
Approx. mission duration (if known)	6-8 hrs
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 #: SEE LIST

ADDRESS: 23960 FERN GLEN RD : CRESTLINE CA

LZ PILOT ROCK LATITUDE 34°16'19.78"N LONGITUDE 117°16'58.53"W

1106393E LATITUDE 34°15'16.28"N LONGITUDE 117°16'47.42"W

1106394E LATITUDE 34°15'16.23"N LONGITUDE 117°16'46.89"W

CONTRACTOR'S JASON RUDELL PHONE#: 714-293-2538

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

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: (2) ↓ 45 CL 1 COMPOSITE 1000 LBS (2) ↑ 45 CL 1 COMPOSITE 1000 LBS CLASS OF LOAD: EXTL CL B

NO. OF LIFTS: 4 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

No Evacuated Structures

☐ Evacuated StructuresCrowd Control

Operator



Contractor

Street ClosureYes ☐ No

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

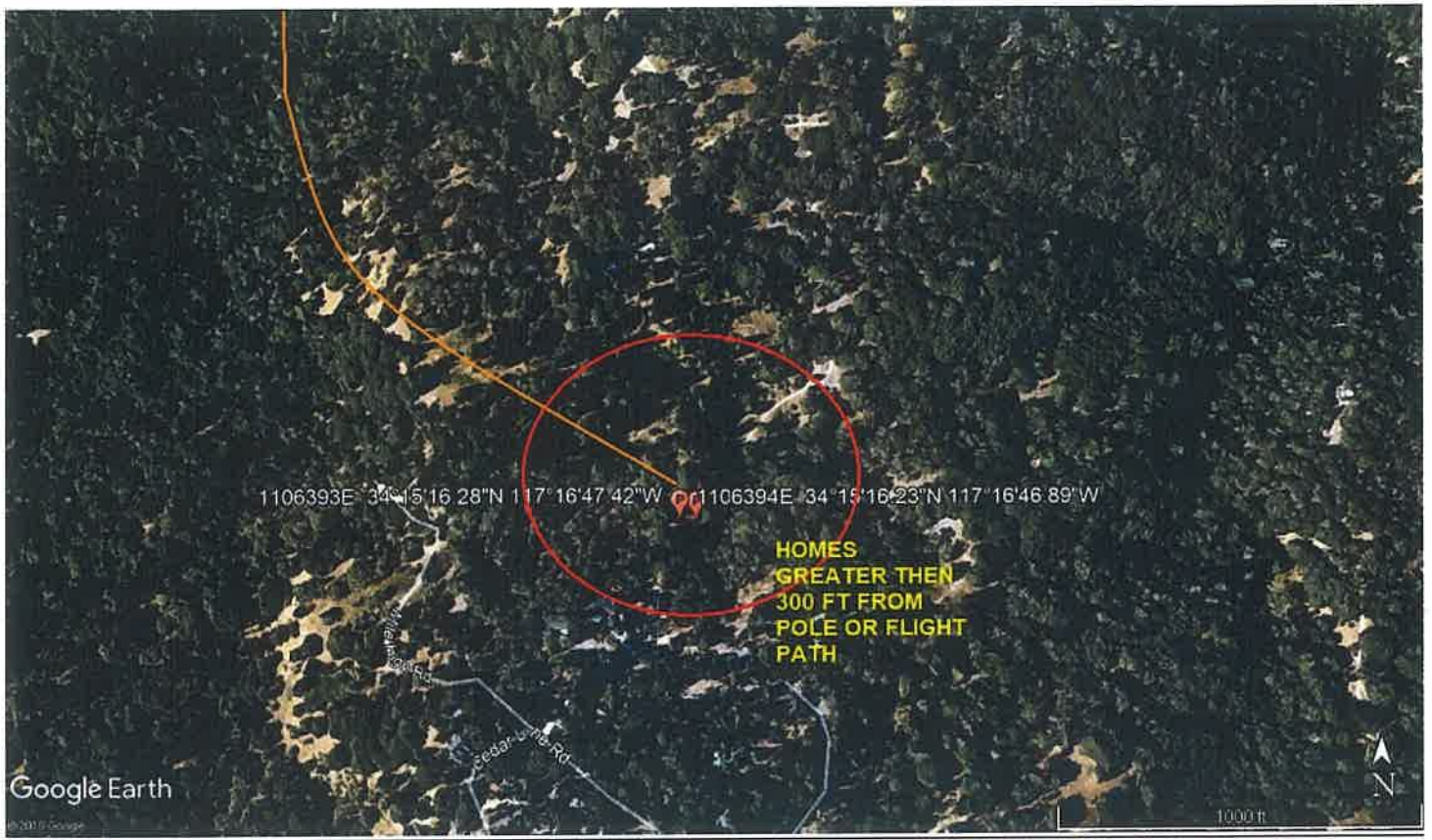
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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 PILOT ROCK LZ TO CONNECT THE LONGLINE. THE POLES WILL BE STAGED AT PILOT ROCK.
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 MILLER ROAD WHILE HELICOPTER CROSSES WITH A LOAD
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. Justina

COMPANY OFFICIAL / TITLE

2

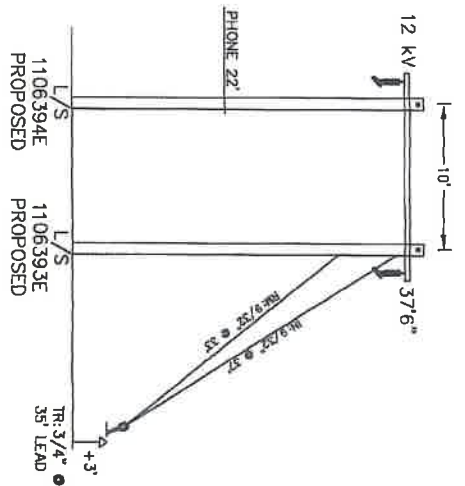


- NOTES: 1106394E
- TRUCK ACCESS GOOD
 - SET 2' NORTH
 - TIER 3
 - E-PTD
 - LINE ANGLE 10°
 - BACKHOE SET
 - POSSIBLE TRUCK ACCESS IN RIGHT CONDITIONS

- TRANSFER: 1106394E
- 2-1/0A-12
 - PHONE

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 - POSSIBLE TRUCK ACCESS IN RIGHT CONDITIONS

- TRANSFER: 1106393E
- 2-1/0A-12
 - 3/4" ANCHOR

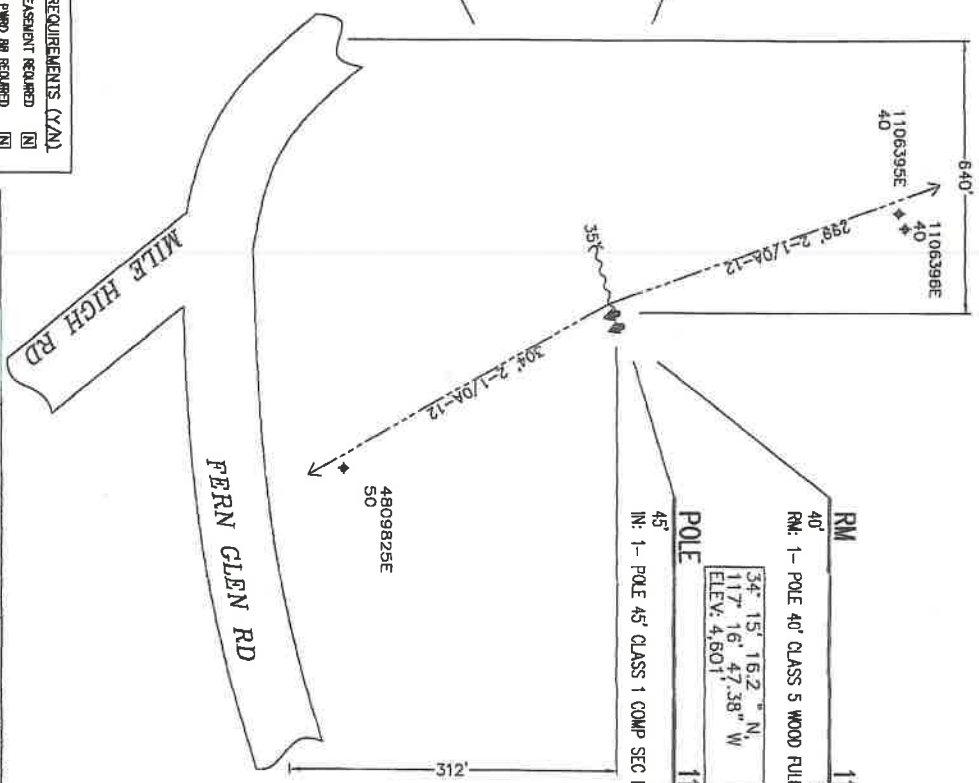


1

RM 40' 1106393E Class C5
RM: 1- POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1- XA DBLE FB 10' STEEL PMS
RM: 4- INS GLASS/POLY 35KV & LESS
RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV

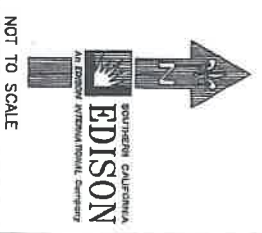
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POLE 45' 1106393E Class C1
34' 15" 16.2" N,
117' 16" 47.39" W
ELEV: 4,801
IN: 1- POLE 45' CLASS 1 COMP SEC POLE
IN: 1- XA, H-FRM, TAN, SUS, 20', COMP CATALINA
IN: 2- SUSPENSION INSULATOR
IN: 2- SUSPENSION CLAMP
IN: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV



PROJECT REQUIREMENTS (Y/N)	
EDISON ESSENTIAL REQUIRED	☐
PMSD BY REQUIRED	☐
UG CML 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 (TUA) REQD	☐

DISTRICT	40 - ARROWHEAD	PROJ. MGR.	TOLMASOFF, LAURA M	PLANNER	DIVERSIFIED UTILITIES
PROJECT NO.	1671032	SERVICE REQUEST	1671032	PHONE	661-325-3212
CONDUIT / VOLTAGE	12KV	THOMAS GUIDE	1460556-DET POLE REPLACEMENT	ASSOC DESIGN	
SUB / PG NO.	12KV	CIRCUIT CODE	PRODUCT-3	ASSOC DESIGN	
INVENTORY MAP	274-2217-1	U.P.A. NO.	409895164	PROPOSED CONSTRUCTION (LOCATION)	
				STR# 1106394E 1106393E	
				640' E/O MILE HIGH RD 312' N/O FERN GLEN RD	
				CRESTLINE, CA	
DATE	12/17/2016	APPROVED BY		CHECKED BY	AA
		DRAWN BY		PAC #	
				SHEET	



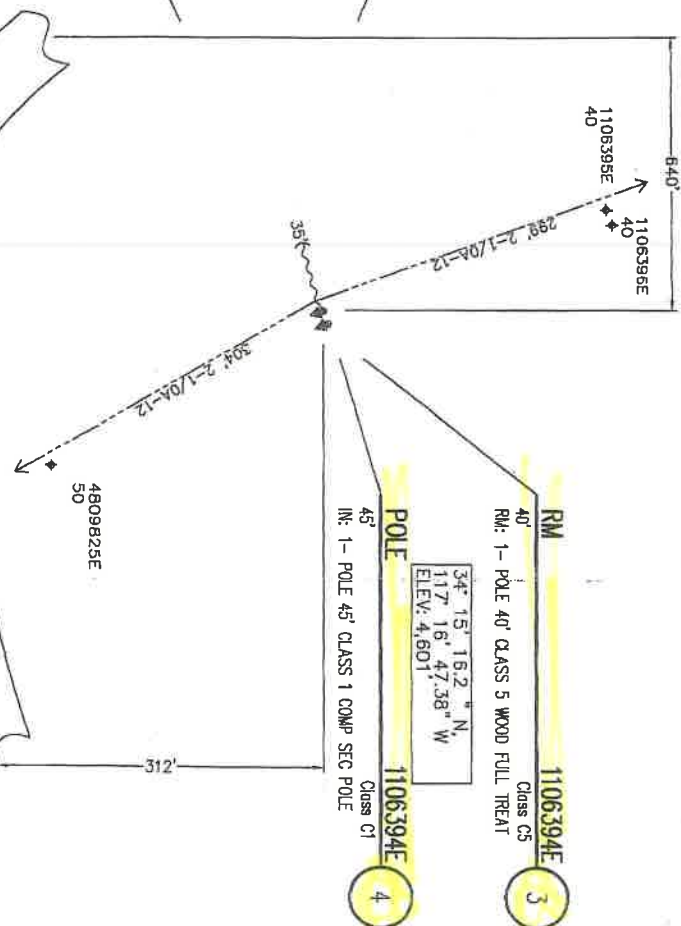
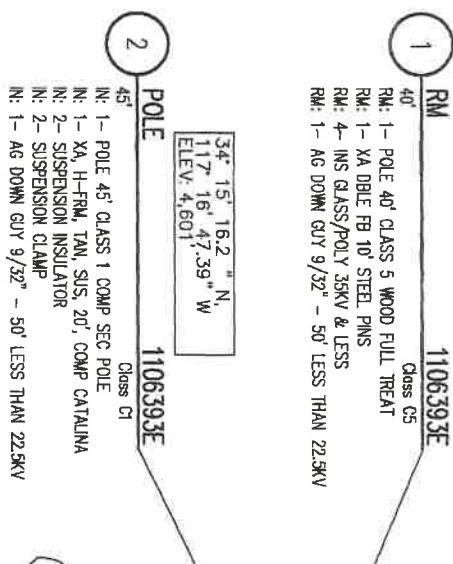
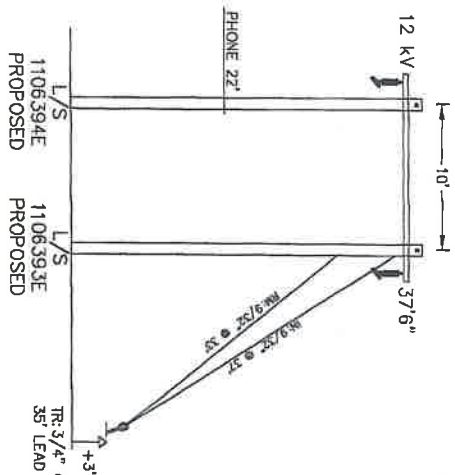
1082456 001

- SET 2' NORTH
- TIER 3
- E-PTD
- LINE ANGLE 10°
- BACKHOE SET
- POSSIBLE TRUCK ACCESS IN
- RIGHT CONDITIONS

- 2-1/0A-12
- PHONE

- NOTES: 1106393E
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 - LINE ANGLE 10°
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 - POSSIBLE TRUCK ACCESS IN
 - RIGHT CONDITIONS

- 2-1/OA-12
- 3/4" ANCHOR



PROJECT REQUIREMENTS (Y/N)	
EMISON ELEMENT REQUIRED	☒
PLAN 88 REQUIRED	☒
US CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
PERMIT TYPE	
OUTAGE REQUIRED	☒
OUTAGE DATE	
TITLE	
TRAFFIC CONTROL REQUIRED	☒
PEDESTRIAN CONTROL REQUIRED	☒
CONVEYANCE LETTER REQUIRED	☒
ENVIRONMENTAL CLEARANCE REQUIRED	☒
CSD 140 (TUL) REQUIRED	☒

[illegible]

NOT TO SCALE

