

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: *Aliso Viejo*

☐ SAFETY BRIEF SIGN IN

1-27-2020

☐ GHI CREW INTRODUCTION

NON-CAP

☐ IS A TRANSLATOR REQUIRED

(4) pole largest 55# 1 2700

☐ WORK STOP AUTHORITY

L2 Sommet Du Mornde

☐ DESIGNATE A 911 CALLER

TD 1609151 TD 1619358

☐ 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

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

Tailboard & Helicopter Safety Briefing

Pilot:

Support Crew:

Location:**Mission:****Aircraft:**

Note: By signing this document you acknowledge you understood all items briefed to you and that you are responsible for insuring all loose items are secured when working under a helicopter.

[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 ☐ IMSAFE Acronym Pilot fatigue mitigation must be briefed prior to work	



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:*	JEREMY GUINN
Department:*	CCM
Pax:*	N/A
Cell Number:*	760 504 8127
Email Address:*	JGUINN@PROE.SERVICES

SAP Accounting Number*	TD1609151 TD1619358
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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):

NO PASSENGERS.

REMOVE 4900686E 55 - C3(1,604 LBS) REPLACE 4900686E 55 - H1(2,654 LBS).

REMOVE 1331702E 50 - C4(1,259 LBS).

General Operating Location	ALISO AND WOOD PARK, ALISO VIEJO, CA
District	43
LZ Coordinates (if known)	33 32 05.15 N 117 45 12.14 W
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	12/23/19
Time of Pick-up	
Approx. mission duration (if known)	0800-1600
Back-up date for mission (if known)	12/27/19, 12/30/19

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 #: TD 1609151 TD 1619358
ADDRESS SOMMET DU MONDE : ALISO VIEJO CA
LZ STAGING AREA 33°32'3.13"N LONGITUDE 117°45'11.50"W
4900686E LATITUDE 33°31'28.44"N LONGITUDE 117°44'27.48"W 55 H1 2700 LBS
1331701E LATITUDE 33°31'30.27"N LONGITUDE 117°44'27.48"W 50 CL 4 1300 LBS
1331702E LATITUDE 33°31'30.99"N LONGITUDE 117°44'27.52"W 50 CL 4 1300 LBS
1331703E LATITUDE 33°31'30.84"N LONGITUDE 117°44'27.43"W 50 CL 4 1300 LBS
4900686E LATITUDE 33°31'28.44"N LONGITUDE 117°44'27.48"W 50 CL 4 1300 LBS
CONTACT AT SITE: JEREMY GUINN PHONE#: 760-504-8127
PILOT'S NAME(S): 1. JOHN OLSON CERT #: 2769166
2. BUCKEY MACKAY CERT #: 2778051
3. MICHAEL KLINK CERT# 3018828
4. IAN GOODALE CERT# 3741973

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: (4) POLES LOAD: EXTL CL B TYPE OF ITEM LIFTING: ☐ AERODYNAMIC ☒ NON-AERODYNAMIC MAX 2700 LBS

NO. OF LIFTS: 10 LONG LINE: _____ (NO) XXX (YES) LESS THEN 150 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
1-27-2020	SUNRISE	SUNSET	1-20-2020
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
OCSD SOUTHWEST OPERATION	949-425-1800	WATCH COMMANDER	NOTIFY
ORANGE COUNTY FIRE AUTHORITY	949-770-6016	STATION 57	NOTIFY



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

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
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

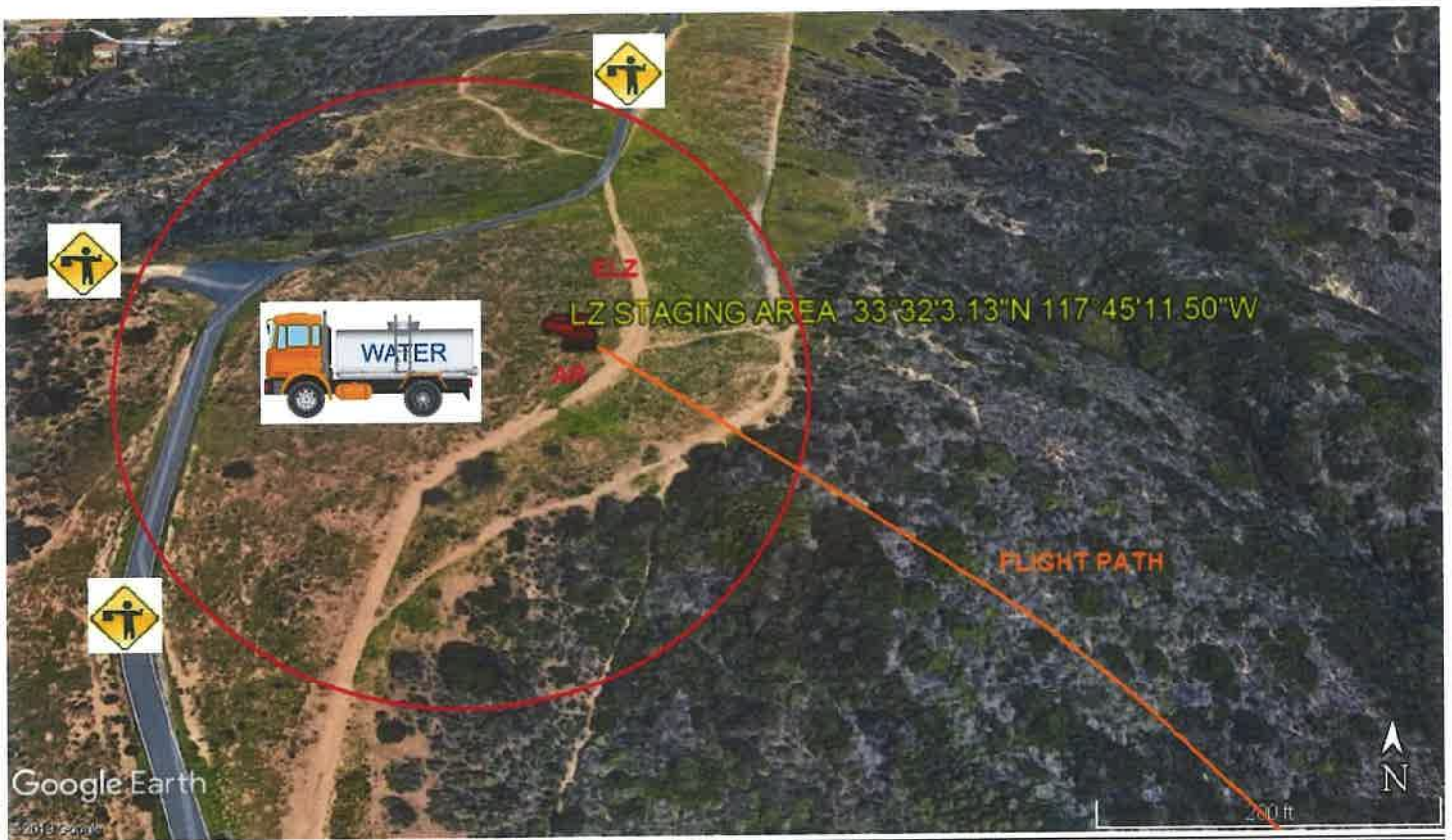
ONLY PERSONNEL ESSENTIAL TO COMPLETING THE JOB SAFELY WILL BE PERMITTED TO PARTICIPATE IN THE EVOLUTION. ONLY PERSONNEL PARTICIPATING IN THE SAFETY BRIEF WILL BE PERMITTED TO BE IN THE AREA OF OPERATIONS. ONLY AUTHORIZED ESSENTIAL PERSONAL WILL BE PERMITTED IN THE IMMEDIATE AREA OF OPERATIONS. IN THE 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 LZ TO CONNECT THE LONGLINE AND CONDUCT A SAFETY TAILBOARD
2. FUELING WILL BE CONDUCTED AT THE LANDING ZONE
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. POLES WILL BE STAGED AT THE LZ
5. RADIOS WILL BE PROVIDED TO EACH POLE SITE
6. WATER TRUCK REQUIRED AT LANDING ZONE
7. NO STREET CLOSURES
8. 3 FLAGMAN NEAR STAGING AREA TO KEEP OUT HIKERS AND VEHICLES.
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED

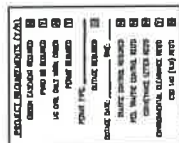


1-20-2020
DATE OF SUBMISSION

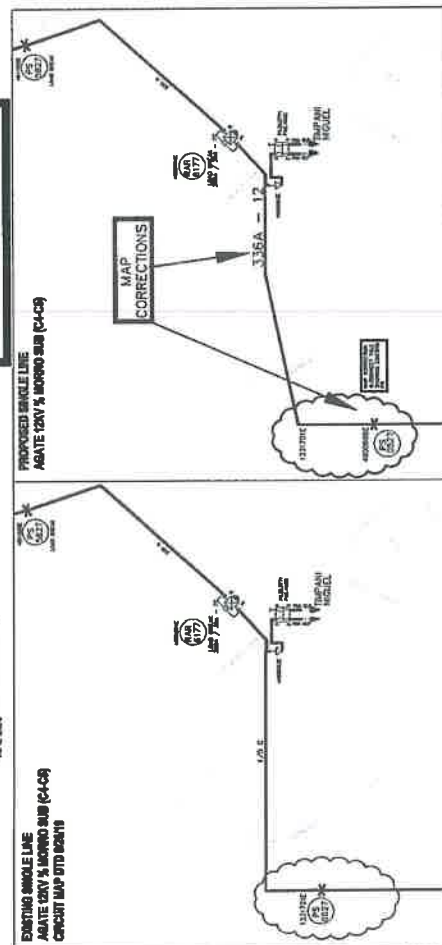
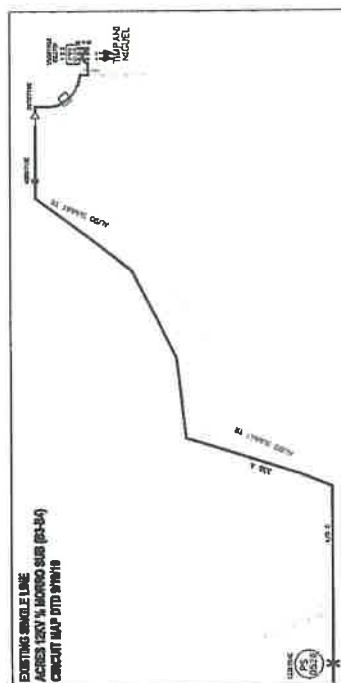
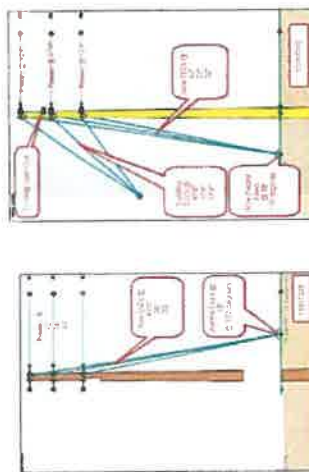
Jeffrey M. Furber

COMPANY OFFICIAL / TITLE

- REMOVE POLE 1331703E
- HELICOPTER NEEDED
- REPLACE ANCHORS & DOWN GUYS ON POLES
- 1331701E & 1331702E
- CIVIL TO DIG TWO ANCHOR HOLES



MAP CORRECTIONS

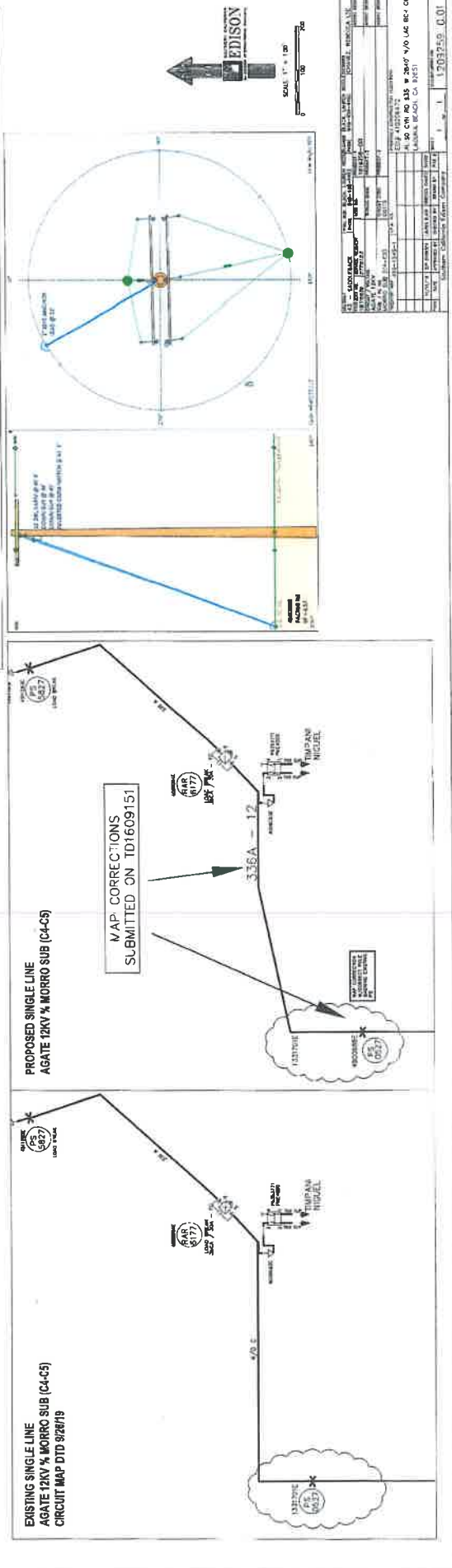
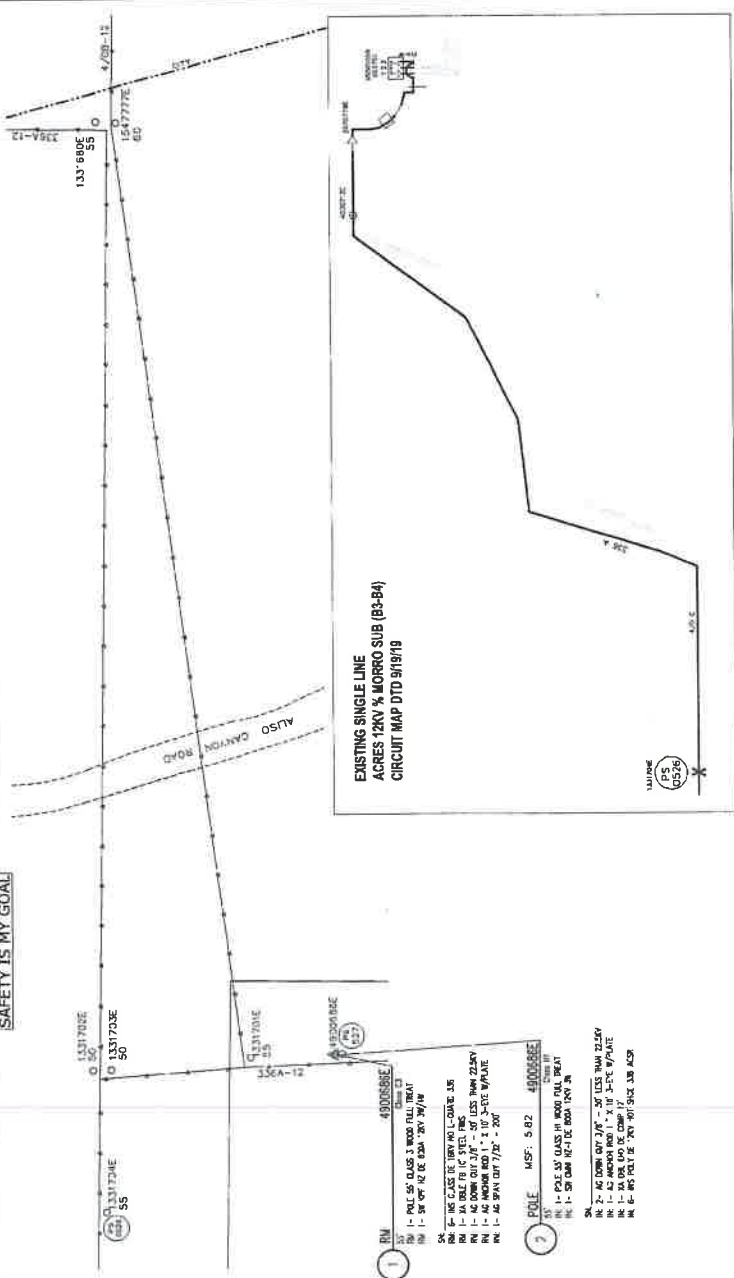
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EDISON

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- CITY OF LAGUNA BEACH
EOI 410206472 - REPLACE DMG POLE
- NEW POLE TAG NEEDED (NOT NUMBERED IN THE FIELD)
 - HELICOPTER SET
 - VEGETATION CLEARING REQUIRED
 - TRANSFER EXISTING CONDUCTOR
 - OMNI SWITCH TO BE INSTALLED INVERTED
 - NEW POLE SET 1' S/O EXISTING

SAFETY IS MY GOAL



DATE	10/1/2019	TIME	10:00 AM	BY	J. L. LAGUNA
PROJECT	AGATE 12KV % MORRO SUB (C4-C5)	LOCATION	LAGUNA BEACH, CA	SCALE	1" = 10'
DESIGNED BY	J. L. LAGUNA	CHECKED BY	J. L. LAGUNA	DATE	10/1/2019
APPROVED BY	J. L. LAGUNA	DATE	10/1/2019	BY	J. L. LAGUNA
PROJECT NO.	410206472	DATE	10/1/2019	BY	J. L. LAGUNA
PROJECT NAME	AGATE 12KV % MORRO SUB (C4-C5)	DATE	10/1/2019	BY	J. L. LAGUNA
PROJECT LOCATION	LAGUNA BEACH, CA	DATE	10/1/2019	BY	J. L. LAGUNA
PROJECT SCALE	1" = 10'	DATE	10/1/2019	BY	J. L. LAGUNA
PROJECT STATUS	COMPLETED	DATE	10/1/2019	BY	J. L. LAGUNA
PROJECT COMMENTS	SAFETY IS MY GOAL	DATE	10/1/2019	BY	J. L. LAGUNA