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
  - 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

9-21-2019 pole, pulling line
9-22-2019 poles x-Arm, pulling line
OJTI CA
CAP Approved
Evacuations
TD1 516593

Tailboard Briefing Guide Updated: January 17, 2019

GUARDIAN HELICOPTERS, INC.

Tailboard & Helicopter Safety Briefing

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

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.

DATE	PRINT NAME	SIGNATURE	COMPANY

Tailboard Briefing Guide **Updated: January 17, 2019**

AIRCRAFT

- ☐ 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

ENVIRONMENT

- ☐ 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

EXTERNAL LOAD

- ☐ 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:*	RITO DE LA CRUZ
Department:*	HOTLINE CONSTRUCTION INC
Pax:*	N/A
Cell Number:*	805-616-5200
Email Address:*	Rdelacruz@hotlineconstructioninc.com

SAP Accounting Number*	1516593

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):
4619658E OUT-45' CLASS 4 WOOD IN-45' CLASS 1 COMP
1424572E OUT- 40' CLASS 5 WOOD IN - 40' CLASS 1 COMP
1424570E OUT 45' CLASS 4 WOOD IN - 45 CLASS 1 COMP

General Operating Location	OJAI
District	39
LZ Coordinates (if known)	34 27 49.4N 119 11 05.8W
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	9-21-19 DUE DATE
Time of Pick-up	0800
Approx. mission duration (if known)	6HRS
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_____

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:*	RITO DE LA CRUZ
Department:*	HOTLINE CONSTRUCTION INC
Pax:*	N/A
Cell Number:*	805-616-5200
Email Address:*	Rdelacruz@hotlineconstructioninc.com

SAP Accounting Number*	1516593

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):
4635145E OUT 40' WOOD IN- 45 CLASS 1 COMP
X-ARMS AT POLES 4635146E,360553E,2359470E,
FLY 3600' OF 1/0A COVERED FROM 360550E TO 4635145E

General Operating Location	OJAI
District	39
LZ Coordinates (if known)	34 27 49.4N 119 11 05.8W
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	9-22-19 DUE DATE
Time of Pick-up	0800
Approx. mission duration (if known)	6HRS
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_____

GUARDIAN HELICOPTERS, INC.

SECTION 7

Part 135 GH 4A Part 133 GH 4L

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 #: TD1516593
ADDRESS: THATCHER ROAD : OJIA CA
LZ STAGING AREA LATITUDE 34°27'53.38"N LATITUDE 119°11'10.72"W
9-21-2019
4619658E LATITUDE 34°27'49.03"N LATITUDE 119°11'25.58"W
1424570E LATITUDE 34°27'50.21"N LATITUDE 119°11'25.66"W
1424572E LATITUDE 34°27'53.83"N LATITUDE 119°11'26.07"W
9-22-2019
360550E LATITUDE 34°27'50.82"N LATITUDE 119°11'18.95"W
X-ARM 2359470E LATITUDE 34°27'50.69"N LATITUDE 119°11'16.44"W
X-ARM 360553E LATITUDE 34°27'52.16"N LATITUDE 119°11'13.41"W
X-ARM 4635146E LATITUDE 34°27'54.32"N LATITUDE 119°11'13.36"W
4635145E LATITUDE 34°27'55.87"N LATITUDE 119°11'13.26"W
CONTACT AT SITE; RITO DE LA CRUZ PHONE#: 805-616-5200
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: IF RESTRICTRED CATEGORY SHIPS IS USED THEY WILL FLY ALONG ASSIGNED FLIGHT PATH

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) ⬇ 45 CL 1 COMP (4) ⬆ 45 CL 1 COMPOSITE 1000 LBS (3) ⬇ X ARMS (3) ⬆ X ARMS
3600 FT OF 1/0A COVERED LINE CLASS OF LOAD:EXTL CL B TYPE OF ITEM LIFTING: ☐ ERODYNAMIC
☑ NON- AERODYNAMIC MAX 2000 LBS
NO. OF LIFTS: 20 LONG LINE: (NO) XXX (YES) LESS THEN 100 FT (LENGTH)
OPERATIONAL ALTITUDE: < 250 STREET CLOSING: (N0) XX (YES)
DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
9-21-2019	SUNRISE	SUNSET	9-15-2019
9-22-2019	SUNRISE	SUNSET	9-15-2019
AGENCY NAME:	**PHONE#:**	**PERSON NOTIFIED:**	**DATE:**
OJAI POLICE	805-656-1414	WATCH COMMANDER	NOTIFY
VENTURA COUNTY FIRE	805-371-1111	STATION 21	NOTIFY

GUARDIAN HELICOPTERS, INC.

SECTION 7

Part 135 GH 4A Part 133 GH 4L

Congested Area Plan

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

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
9-21-2019	VACANT DURING OPS	HAND DELIVER
4295 THATCHER RD	VACANT DURING OPS	HAND DELIVER
4255 THATCHER RD	VACANT DURING OPS	HAND DELIVER
4245 THATCHER RD	VACANT DURING OPS	HAND DELIVER
9-22-2019	VACANT DURING OPS	HAND DELIVER
3 HOMES ON RUGBY RD	VACANT DURING OPS	HAND DELIVER
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. 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. STREET / DRIVEWAY CLOSURE WILL BE PER DRAWING BELOW
6. HOME EVACUATION WILL BE PER DRAWING. ALL HOMES WITHIN THE RED OPERATING AREA WILL BE VERIFIED VACANT
7. WATER TRUCK REQUIRED AT LANDING ZONE
8. STREET CLOSURE, CONTRACTOR AND GHI PERSONAL WILL VERIFY EVACUATION COMPLIANCE
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED

9-21-2019
9-22-2019
ELZ
ARC
ARC
ARC

635146E 34°27'54.32"N 119°11'18.36"W
AR
ELZ
FLIGHT PATH
LZ STAGING AREA 34°27'53.38"N 119°11'10.72"W
WATER
ROAD CLOSED
Google Earth

9-21-2019 EVACUATION
ROAD CLOSED
X-ARM 4635146E 34°27'54
495 FT
1424572E 34°27'53.83"N 119°11'26.07"W
FLIGHT PATH TO LZ
AR
325 FT
ELZ
295 FT
360550E 34°27'50.82"N 119°11'18.95"W
X-ARM-2359470E 34°27'50.69"N 119°11'16.44"W
AR
1424570E 34°27'50.21"N 119°11'25.66"W
AR
ELZ
300 FT
4619658E 34°27'49.03"N 119°11'25.58"W
300 FT
ROAD CLOSED
Google Earth

9-16-2019
DATE OF SUBMISSION

Jeffrey M. Jentoa
COMPANY OFFICIAL / TITLE

GUARDIAN
HELICOPTERS, INC.

Dear neighbor,

Guardian Helicopters Inc is a subcontractor of Southern California Edison (SCE). We will be working in your neighborhood to upgrade its electrical facilities to provide you a modern and reliable power grid. Your safety is our highest priority during this construction activity. We apologize for any inconvenience this may cause and will make every effort to minimize potential impacts during construction activities. Thank you for your patience as we complete these upgrades for you.

Upgrades in Your Area

We will be using a helicopter to set new utility pole.

What to Expect

- **Federal Aviation Administration regulations require we take certain precautions to ensure the safety of the public during our operation. To do this your residence must be completely vacated while the helicopter sets the new utility pole. At no time will our helicopter over fly any residence with a load attached.**
- RUGBY RD WILL BE CLOSED DURING OPERATION
- Guardian Helicopters primary concern during this operation is the general safety of the general public. We recommend measure to ensure the safety and control of any livestock during the period of helicopter operations.
- Work Timeline*
- Date: 9-21-2019 AND 9-22-2019
- Hours: 8:00 a.m. – 6:00 p.m.

The timeframe for the evacuation is approximately 120 minutes once all residents have left.

A Guardian Helicopter Inc representative will make contact with you and/or any responsible persons at your residence with further instructions shortly before the aircraft operation is to take place. Please notify all family members, workers, or anyone who may be at your residence on this date of the evacuation. It is important to us that our activity presents as little inconvenience to you as possible.

Project Area

THE POLES ARE WILL BE STAGED IN THE PRACTICE FIELD TO THE EAST OF POLE SET SITE.

16425 Hart Street Van Nuys, California 91406 Phone (818) 442-9904 Fax (818) 442-9901

www.guardianhelicoptersusa.com

GUARDIAN HELICOPTERS, INC.

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
9-21-2019	VACANT DURING OPS	HAND DELIVER
4295 THATCHER RD	VACANT DURING OPS	HAND DELIVER
4255 THATCHER RD	VACANT DURING OPS	HAND DELIVER
4245 THATCHER RD	VACANT DURING OPS	HAND DELIVER
9-22-2019	VACANT DURING OPS	HAND DELIVER
3 HOMES ON RUGBY RD	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = VACANT	VACANT DURING OPS	HAND DELIVER

16425 Hart Street Van Nuys, California 91406 Phone (818) 442-9904 Fax (818) 442-9901

www.guardianhelicoptersusa.com

GUARDIAN HELICOPTERS, INC.

Safety Tips

- Please close and secure back yard umbrellas and canopies
- Close all doors and windows to prevent dust from entering your home
- If possible ensure your animals are secure or clear of the area.

If you have any questions or concerns please feel free to give me a call. In addition I will be on site and can be reached on my cell phone.

Best regards,

Jeffrey M. Teubner

Flight Coordinator

818-442-9904 office

818-621-3794 cell

16425 Hart Street Van Nuys, California 91406 Phone (818) 442-9904 Fax (818) 442-9901

www.guardianhelicoptersusa.com

Federal Aviation Administration

To: Jeffrey Teubner
Company: Guardian Helicopter, Inc.
Phone: 818-442-9904
Fax:
Email: jteubner@guardianhelicoptersusa.com

Van Nuys Flight Standards District Office
16501 Sherman Way
Suite 330
Van Nuys, California 91406-3757
818-267-3300
Fax: 818-786-9732

From: Jeffrey J Culligan
Title: Aviation Safety Inspector

Facsimile / Email

Date: 09/17/2019
Pages w/cover: 9

RE: LP190107

We confirm the approval of the Congested Area Plan (CAP) submitted by you on September 16, 2019.
This approval concerns the proposed operation on the North East corner of Ojai, CA on the North side of Thatcher Road on September 21, 2019 to September 22, 2019 from Sunrise to Sunset local time each day.

Inspectors from this office may monitor the operation to ensure compliance with the approved plan.
Should you have any questions or need to submit a change to this plan, please contact this office at 818-267-3300.

Sincerely,

Jeffrey J Culligan

Aviation Safety Inspector

Enclosure

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE: 09/17/2019
INSPECTOR: Jeffrey J. Culligan

U.S. Department of Transportation

GUARDIAN HELICOPTERS, INC.

SECTION 7

Part 135 GH 4A Part 133 GH 4L

Congested Area Plan

LP190107

Operator: Guardian Helicopters, Inc
67 D STREET
Fillmore CA. 93015

Phone (818) 442-9904
FAX (818) 442-9901

PROJECT: EDISON POLE REPLACEMENT WORK ORDER #: TD1516593
ADDRESS: THATCHER ROAD : OJIA CA
LZ STAGING AREA LATITUDE 34°27'53.38"N LATITUDE 119°11'10.72"W
9-21-2019
4619658E LATITUDE 34°27'49.03"N LATITUDE 119°11'25.58"W
1424570E LATITUDE 34°27'50.21"N LATITUDE 119°11'25.66"W
1424572E LATITUDE 34°27'53.83"N LATITUDE 119°11'26.07"W
9-22-2019
360550E LATITUDE 34°27'50.82"N LATITUDE 119°11'18.95"W
X-ARM 2359470E LATITUDE 34°27'50.69"N LATITUDE 119°11'16.44"W
X-ARM 360553E LATITUDE 34°27'52.16"N LATITUDE 119°11'13.41"W
X-ARM 4635146E LATITUDE 34°27'54.32"N LATITUDE 119°11'13.36"W
4635145E LATITUDE 34°27'55.87"N LATITUDE 119°11'13.26"W
CONTACT AT SITE; RITO DE LA CRUZ PHONE#: 805-616-5200
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: **IF RESTRICTRED CATEGORY SHIPS IS USED THEY WILL FLY ALONG ASSIGNED FLIGHT PATH**

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

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE: 09/17/2019
INSPECTOR: Jeffrey Cullinan

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) ↓ 45 CL 1 COMP (4) ↑ 45 CL 1 COMPOSITE 1000 LBS (3) ↓ X ARMS (3) ↑ X ARMS
3600 FT OF 1/0A COVERED LINE CLASS OF LOAD: EXTL CL B TYPE OF ITEM LIFTING: ☐ ERODYNAMIC
☑ NON- AERODYNAMIC MAX 2000 LBS
NO. OF LIFTS: 20 LONG LINE: (NO) XXX (YES) LESS THEN 100 FT (LENGTH)
OPERATIONAL ALTITUDE: ≤ 250 STREET CLOSING: (N0) XX (YES)
DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
9-21-2019	SUNRISE	SUNSET	9-15-2019
9-22-2019	SUNRISE	SUNSET	9-15-2019
AGENCY NAME:	**PHONE#:**	**PERSON NOTIFIED:**	**DATE:**
OJAI POLICE	805-656-1414	WATCH COMMANDER	NOTIFY
VENTURA COUNTY FIRE	805-371-1111	STATION 21	NOTIFY

GUARDIAN HELICOPTERS, INC.

SECTION 7

Part 135 GH 4A Part 133 GH 4L

Congested Area Plan

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

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
9-21-2019	VACANT DURING OPS	HAND DELIVER
4295 THATCHER RD	VACANT DURING OPS	HAND DELIVER
4255 THATCHER RD	VACANT DURING OPS	HAND DELIVER
4245 THATCHER RD	VACANT DURING OPS	HAND DELIVER
9-22-2019	VACANT DURING OPS	HAND DELIVER
3 HOMES ON RUGBY RD	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = VACANT	VACANT DURING OPS	HAND DELIVER

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE: 09/17/2019
INSPECTOR: [signature]

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. 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. STREET / DRIVEWAY CLOSURE WILL BE PER DRAWING BELOW
6. HOME EVACUATION WILL BE PER DRAWING. ALL HOMES WITHIN THE RED OPERATING AREA WILL BE VERIFIED VACANT
7. WATER TRUCK REQUIRED AT LANDING ZONE
8. STREET CLOSURE, CONTRACTOR AND GHI PERSONAL WILL VERIFY EVACUATION COMPLIANCE
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE: 9/17/2014
INSPECTOR: J J Cullinan

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE: 9/17/2019
INSPECTOR: JJ Calligan

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE: 09/17/2019
INSPECTOR: J.J. Calligan

GUARDIAN HELICOPTERS, INC.

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
9-21-2019	VACANT DURING OPS	HAND DELIVER
4295 THATCHER RD	VACANT DURING OPS	HAND DELIVER
4255 THATCHER RD	VACANT DURING OPS	HAND DELIVER
4245 THATCHER RD	VACANT DURING OPS	HAND DELIVER
9-22-2019	VACANT DURING OPS	HAND DELIVER
3 HOMES ON RUGBY RD	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN RED OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = VACANT	VACANT DURING OPS	HAND DELIVER

16425 Hart Street Van Nuys, California 91406 Phone (818) 442-9904 Fax (818) 442-9901

www.guardianhelicoptersusa.com

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE 09/17/2019
INSPECTOR

GUARDIAN HELICOPTERS, INC.

Safety Tips

- Please close and secure back yard umbrellas and canopies
- Close all doors and windows to prevent dust from entering your home
- If possible ensure your animals are secure or clear of the area.

If you have any questions or concerns please feel free to give me a call. In addition I will be on site and can be reached on my cell phone.

Best regards,

Jeffrey M. Teubner

Flight Coordinator

818-442-9904 office

818-621-3794 cell

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE: 9/17/2019
INSPECTOR: RJ Callagian

16425 Hart Street Van Nuys, California 91406 Phone (818) 442-9904 Fax (818) 442-9901

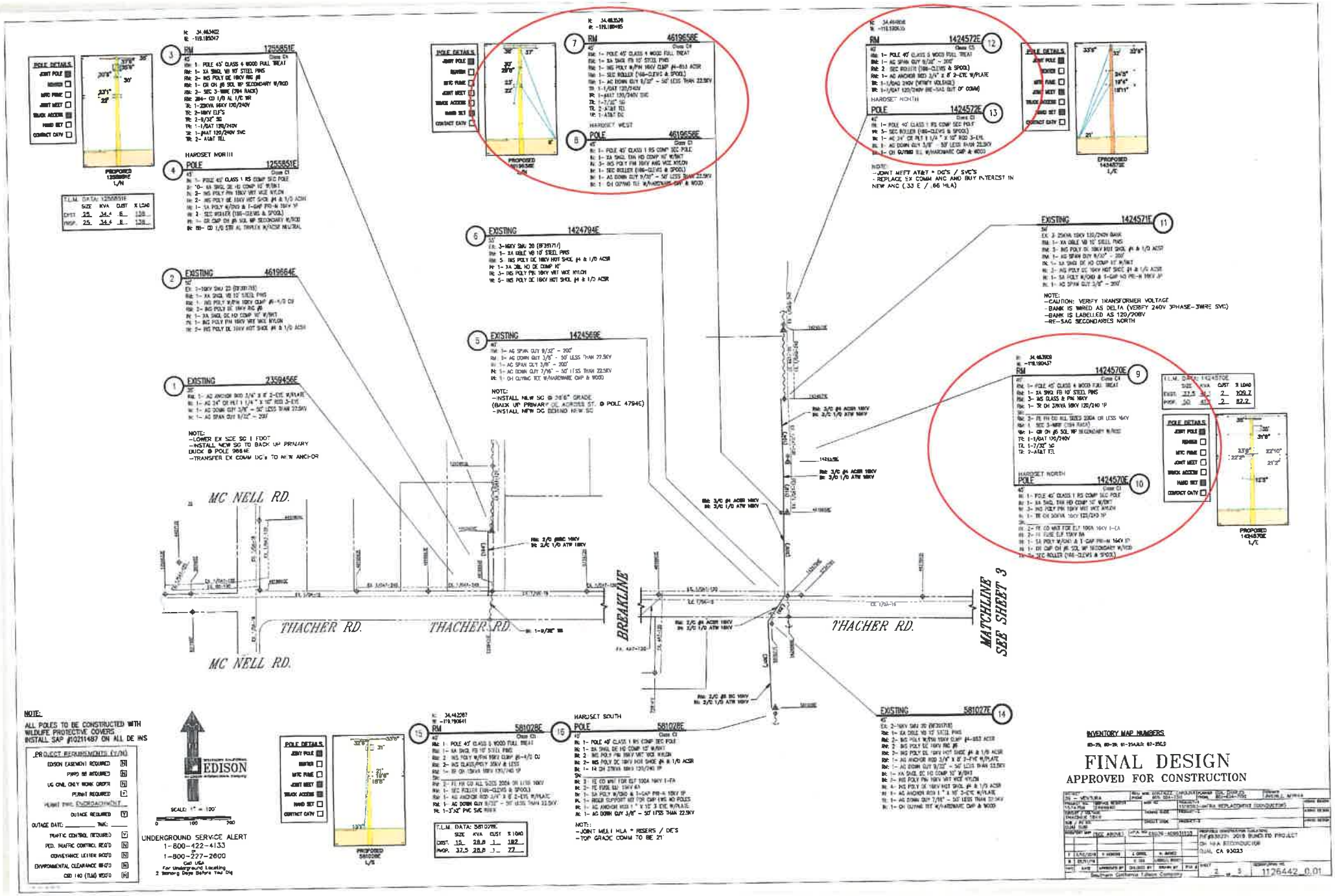
www.guardianhelicoptersusa.com

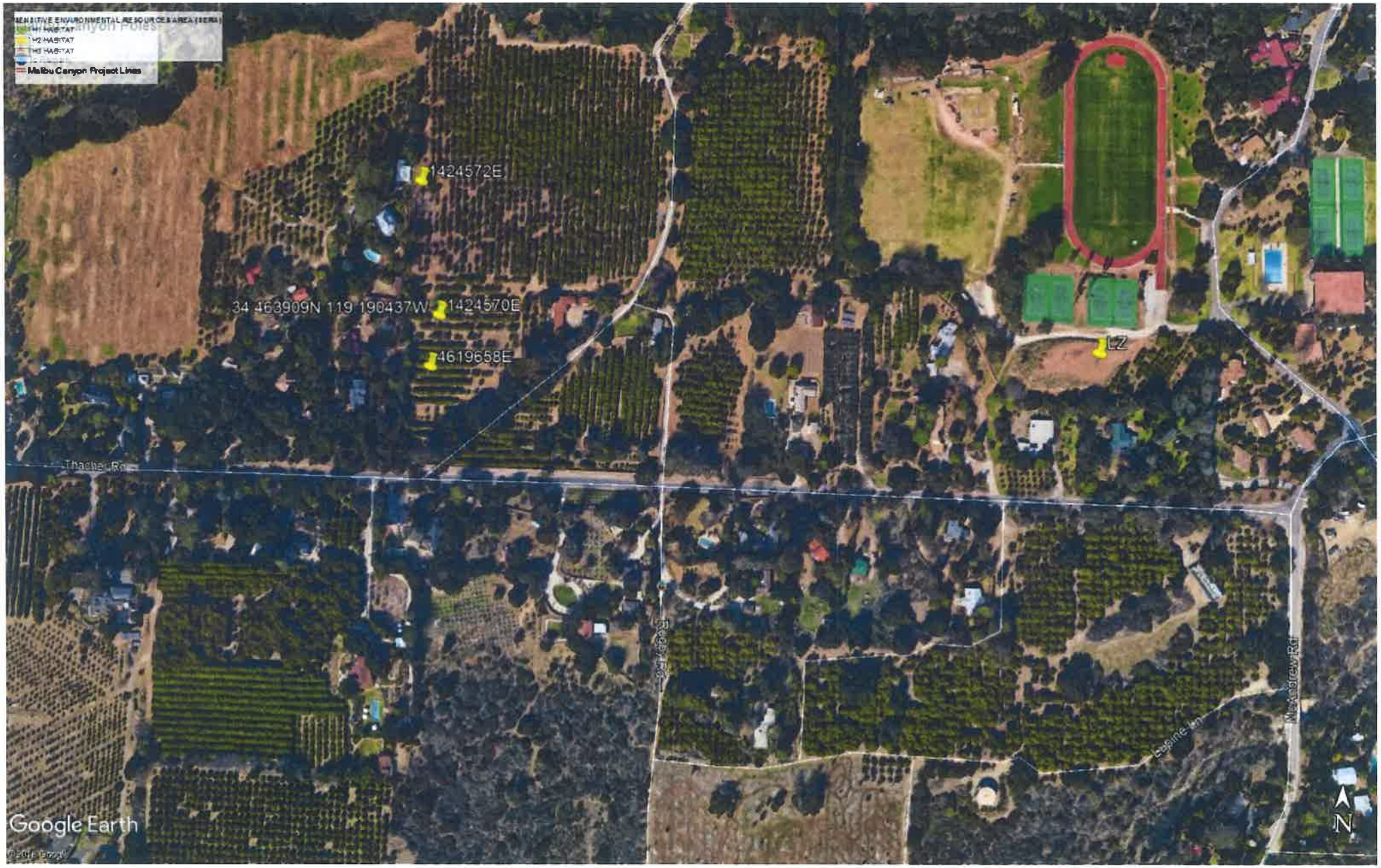
Jeffrey M Fenton

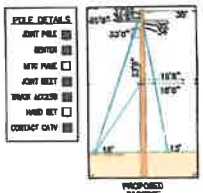
9-16-2019
DATE OF SUBMISSION

COMPANY OFFICIAL / TITLE

FAA APPROVED, VAN NUYS FSDO
EFFECTIVE DATE: 9/17/2019
INSPECTOR: JJ Culligan


MC NELL RD.
THACHER RD.
THACHER RD.
MC NELL RD.
BREAKLINE
THACHER RD.
MATCHLINE SEE SHEET 3
1 EXISTING 2359456E
2 EXISTING 4619664E
3 RM 1255851E
4 POLE 1255851E
5 EXISTING 1424569E
6 EXISTING 1424794E
7 RM 4619656E
8 POLE 4619656E
9 RM 1424570E
10 POLE 1424570E
11 EXISTING 1424571E
12 RM 1424572E
13 POLE 1424572E
14 EXISTING 581027E
15 RM 581028E
16 POLE 581028E
HARDSET NORTH
HARDSET WEST
HARDSET SOUTH
NOTE:
ALL POLES TO BE CONSTRUCTED WITH WILDLIFE PROTECTIVE COVERS.
INSTALL SAP #10211487 ON ALL DE INS
PROJECT REQUIREMENTS (Y/N)
EDISON EASEMENT REQUIRED N
PAPER RE REQUIRED N
UG CNEL ONLY WORK ORDER N
PERMIT REQUIRED Y
HURST PWC ENCROACHMENT
OUTAGE REQUIRED Y
OUTAGE DATE: TIME:
TRAFFIC CONTROL REQUIRED Y
PED. TRAFFIC CONTROL REQ'D N
CONVEYANCE LETTER REQ'D N
ENVIRONMENTAL CLEARANCE REQ'D N
CEQ 140 (TLM) REQ'D N
EDISON
SCALE: 1" = 100'
UNDERGROUND SERVICE ALERT
1-800-422-4133
or
1-800-227-2600
Call USA
For Underground Locating
2 Working Days Before You Dig
INVENTORY MAP NUMBERS
FINAL DESIGN
APPROVED FOR CONSTRUCTION
2019 BUNCHED PROJECT
CH 14A RECONDUCTOR
OJAI, CA 93023
1126442_0.01


Malibu Canyon Project Lines
1424572E
34 463909N 119 190437W
1424570E
4619658E
LZ
Thacher Rd
Rodeo Rd
Leslie Ln
Mecklenburg Rd
Google Earth
N



N: 34.464146
W: -118.188559

(23) RM 360550E
Class C3
NE: POLE 45' CLASS 5 WOOD FULL BREAK
RM: 1- XA DBLE FB 10' STEEL PINS
RM: 2- INS CLASS & PIN 18KV
RM: 8- INS GLASS/POLY 30KV & LESS
RM: 3- FE FH CO ALL SIZES 200A OR LESS 18KV
RM: 1- 5K DH 15KVA 18KV 120/240 1P
SH: _____
RM: 3- AG ANCHOR ROD 3/4" X 8' 2 EYE W/PLATE
RM: 2- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
RM: 1- OR CH JB SOL MP SECONDARY W/ROD
TR: 1-PVC RISER 120/240V
TR: TWE WARNER CATV (SCE REN BIM) TO 18'6"

T.L.M. DATA: 360550C

	SIZE	KVA	CUST	% LOAD
EXIST.	15	10.1	1	67.3
PROP.	25	10.1	1	40.4

HARDSET WEST

(24) POLE 360550E
Class C1
NE: 1- POLE 45' CLASS 1 RS COMP SEC POLE
NE: 2- XA SNGL DE HD COMP 10' W/BKT
NE: 2- INS POLY PIN 18KV MRT VICE NYLON
NE: 6- INS POLY DE 18KV HOT SHOE JB & 1/0 ACSR
NE: 1- 5K DH 25KVA 18KV 120/240 1P
SH: _____
NE: 1- 5A POLY W/ROD & T-CAP FRI-H 18KV 1P
NE: 2- FE CO MNT FOR ELF 100A 18KV 1-EA
NE: 3- FE FUSE ELF 15KV 6A
NE: 1- OR CMP CH JB SOL MP SECONDARY W/ROD
NE: 2- AG ANCHOR ROD 1" X 10' 3-EYE W/PLATE
NE: 4- AG DOWN GUY 3/8" - 50' LESS THAN 22.5KV
NE: 1- ASSR SUPPORT KIT FOR CMP LWS RD POLES

NOTE:
-JOINT MEET AT&T
-SAME HOLE SET
-AT&T UNAUTHORIZED - ADD TO JPA @ 20'-:
-AT&T MUST ATTACH BELOW 20' TO PREVENT GO95 INFRACTION TO SCE SLC LEVEL

N: 34.463608
W: -118.188562
NOTE: AT&T (HLA) @ 25' CHADE (ADD TO JPA)

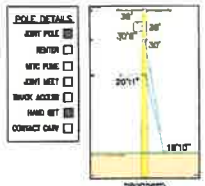
(21) RM 2177070E
Class C4
NE: 1- POLE 45' CLASS 4 WOOD FULL BREAK
RM: 1- XA SNGL HB 10' STEEL PINS
RM: 2- INS POLY W/PIN 18KV CLMP JB, 4/0 CU
TR: 2 AT&T TEL
TR: 1-CATV (SCE RENTER)

HARDSET SOUTH

(22) POLE 2177070E
Class C1
NE: 1- POLE 45' CLASS 1 RS COMP SEC POLE
NE: 1- XA SNGL TAN HD COMP 10' W/BKT
NE: 3- INS POLY PIN 18KV MRT VICE NYLON

(17) EXISTING 1424795E
50'
RM: 1- XA SNGL FB 10' STEEL PINS
RM: 1- XA DBLE FB 10' STEEL PINS
RM: 3- INS GLASS/POLY 30KV & LESS
RM: 6- INS GLASS & PIN 18KV
RM: 3- FE FH CO ALL SIZES 200A OR LESS 18KV
NE: 1- XA SNGL TAN HD COMP 10' W/BKT
NE: 1- XA DBL HD DE COMP 10'
NE: 3- INS POLY W/PIN 18KV CLMP #4-4/0 ACSR
NE: 3- INS POLY PIN 18KV MRT VICE NYLON
NE: 5- INS POLY DE 18KV HOT SHOE JB & 1/0 ACSR
NE: 1- AG SPAN GUY 9/32" - 200'
NE: 3- FE FH SM200 17" 200A 18KV 1-EA
NE: 3- FE FUSE X-18MTR 17KV 18A

(18) EXISTING 4619667E
40'
RM: 1- XA DBLE FB 10' STEEL PINS
RM: 1- XA SNGL FB 10' STEEL PINS
RM: 2- INS POLY W/PIN 18KV CLMP JB-4/0 CU
RM: 2- INS POLY DE 18KV INS JB
RM: 2- INS POLY DE 18KV HOT SHOE JB & 1/0 ACSR
RM: 1- AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE
RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
NE: 2- XA SNGL DE HD COMP 10' W/BKT
NE: 7- INS POLY PIN 18KV MRT VICE NYLON
NE: 4- INS POLY DE 18KV HOT SHOE JB & 1/0 ACSR
NE: 1- AG 24" CR PLT 1 1/4" X 10" ROD 3-EYE
NE: 1- AG DOWN GUY 3/8" - 50' LESS THAN 22.5KV
NE: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV



N: 34.461843
W: -118.188265

(19) RM 4619668E
Class C4
NE: 1- POLE 45' CLASS 4 WOOD FULL BREAK
RM: 2- XA SNGL FB 10' STEEL PINS
RM: 2- INS POLY DE 15KV HOT SHOE JB & 1/0 ACSR
RM: 2- FE FH CO ALL SIZES 200A OR LESS 18KV
RM: 1- SEC ROLLER (NM-CLEVIS & SPOOL)
RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
TR: 1-50KVA 18KV 120/240V
TR: 2-1/0AT 120/240V
TR: AT&T TEL
TR: AT&T DC

HARDSET EAST

(20) POLE 4619668E
Class C1
NE: 1- POLE 45' CLASS 1 RS COMP SEC POLE
NE: 1- XA SNGL DE HD COMP 10' W/BKT
NE: 2- INS POLY PIN 18KV MRT VICE NYLON
NE: 2- INS POLY DE 18KV HOT SHOE JB & 1/0 ACSR
NE: 2- FE CO MNT FOR ELF 100A 18KV 1-EA
NE: 2- FE FUSE ELF 15KV 6A
NE: 1- 5K FH 15KVA & T-CAP FRI-H 18KV 1P
NE: 2- SEC ROLLER (NM-CLEVIS & SPOOL)
NE: 1- OR CMP CH JB SOL MP SECONDARY W/ROD
NE: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV

	SIZE	KVA	CUST	% LOAD
EXIST.	50	28.2	4	56.4
PROP.	50	28.2	4	56.4

MATCHLINE SEE SHEET 2

RUGBY RD.

EXISTING 4635145E (29)
40'
RM: 1- XA DBLE FB 10' STEEL PINS
RM: 3- INS POLY DE 18KV INS JB
RM: 1- XA SNGL FB 10' STEEL PINS
RM: 1- SA POLY W/GND HD PRI-H 18KV 1P
RM: 2- PH CS 10' XA W/LA 18KV 1P 3-JB
RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
RM: 1- AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE
NE: 1- XA SNGL DE HD COMP 10' W/BKT
NE: 2- INS POLY PIN 18KV MRT VICE NYLON
NE: 3- INS POLY DE 18KV HOT SHOE JB & 1/0 ACSR
NE: 1- XA SNGL TAN HD COMP 10' W/BKT
NE: 1- 5K DWM HZ UP DE 600A 18KV 3W
SH: _____
NE: 1- PH CS 10' XA W/LA 18KV 1P 2-JB
NE: 1- AG DOWN GUY 3/8" - 50' LESS THAN 22.5KV
NE: 1- AG ANCHOR ROD 1" X 10' 3-EYE W/PLATE

NOTE:
NEW POLE SWITCH (RISER ON SIDE ARM OWNS) TO BE INSTALLED
NEW POLE SW PS 7629

EXISTING 4635146E (28)
40'
RM: 1- XA SNGL FB 10' STEEL PINS
RM: 3- INS POLY W/PIN 18KV CLMP JB-4/0 CU
NE: 1- XA SNGL TAN HD COMP 10' W/BKT
NE: 3- INS POLY PIN 18KV MRT VICE NYLON

EXISTING 360553E (27)
40'
RM: 1- XA SNGL FB 10' STEEL PINS
RM: 3- INS POLY W/PIN 18KV CLMP JB-4/0 CU
NE: 1- XA SNGL TAN HD COMP 10' W/BKT
NE: 3- INS POLY PIN 18KV MRT VICE NYLON

EXISTING 4576755E (26)
40'
RM: 1- XA DBL HD TAN COMP 10'
RM: 6- INS GLASS & ANGLE PIN 18KV
RM: 1- AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE
RM: 1- AG DOWN GUY 9/32" - 50' LESS THAN 22.5KV
NE: 1- XA DBL HD DE COMP 10'
NE: 3- INS POLY PIN 18KV MRT VICE NYLON
NE: 6- INS POLY DE 18KV HOT SHOE JB & 1/0 ACSR
NE: 1- EH CUTOUT ELF W/HARDHAT CMP & WOOD
NE: 1- AG DOWN GUY 7/16" - 50' LESS THAN 22.5KV
NE: 1- AG ANCHOR ROD 1" X 10' 3-EYE W/PLATE

EXISTING 2359470E (25)
40'
RM: 1- XA DBLE FB 10' STEEL PINS
RM: 3- INS GLASS & ANGLE PIN 18KV
RM: 1- AG SPAN GUY 9/32" - 200'
RM: 1- AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE
NE: 1- XA DBL HD TAN COMP 10'
NE: 6- INS POLY PIN 18KV ANC VICE NYLON
NE: 1- AG DOWN GUY 3/8" - 50' LESS THAN 22.5KV
NE: 1- AG ANCHOR ROD 1" X 10' 3-EYE W/PLATE

NOTE:
ALL POLES TO BE CONSTRUCTED WITH WILDLIFE PROTECTIVE COVERS
INSTALL SAP #10211467 ON ALL DE INS

PROJECT REQUIREMENTS (Y/N)	
EASEMENT REQUIRED	N
PMRD #8 REQUIRED	N
UG CIVIL ONLY WORK ORDER	N
PERMIT REQUIRED	Y
PERMIT TYPE: ENCROACHMENT	
OUTAGE REQUIRED	Y
OUTAGE DATE: _____ TIME: _____	
TRAFFIC CONTROL REQUIRED	Y
PED. TRAFFIC CONTROL REQ'D	N
CONVEYANCE LETTER REQ'D	N
ENVIRONMENTAL CLEARANCE REQ'D	N
CEQ 140 (TLM) REQ'D	N

SCALE: 1" = 100'
0 100 200

UNDERGROUND SERVICE ALERT
1-800-422-4133
or
1-800-227-2600
Call USA
For Underground Locating
2 Working Days Before You Dig

INVENTORY MAP NUMBERS

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DESIGN: JONATHAN	PROJ. MGR: CONTACT: CAROLINA	PLANNER: DOC TRAINER:	ENGR: JOSEPH TJAHYANA
DRAFTER NO.	TRANSF. NEEDS:	WBS NO.	PROJECT: (310G082-HIPPA REPLACEMENT (CONDUCTOR)
TOTAL TIME:			
FACILITY VOLTAGE:		PRIMARY NAME:	PRIMARY:
TRANSFORM. KVA:			
SUB / MS NO.		SECTION NAME:	SECTION:
CIRCUIT NAME:			

PROPOSED CONSTRUCTION DRAWING
PW#538221 2019 BUNDLED PROJECT
OH HPA RECONDUCTOR
OJAI, CA 93023

0	03/01/19	-		
1	03/01/19	-	E. DIAZ	
REV.	DATE	APPROVED BY	CHECKED BY	DRAWN BY

Southern California Edison Company

SHEET 3 of 5

DRAWING NO. 1125442_0.01

SENSITIVE ENVIRONMENTAL RESOURCES AREA (SERA)
H1 HABITAT
H2 HABITAT
H3 HABITAT
Malibu Canyon Project Lines
POLE 4635145E
X-ARM 4635146E
424572E
X-ARM 360553E
34.464146N 119.188559W
360550E
X-ARM 2359470E
LZ
Thacher Rd
Google Earth
N