

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

Glendora CA
(2) 45 H2 2250 LBS
Non-cap
L2
9-10-2019

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: 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

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:*	Mikhael Markanson (SCE PGS)
Department:*	DCE Metro East Region DC&M
Pax:*	N/A
Cell Number:*	(760)-954-8182
Email Address:*	MIKHAEL.MARKANSON@sce.com

SAP Accounting Number*	TD1456956
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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):

129842E - 45' CLASS H2 - 2250LBS E16536Y - 45' CLASS H2 - 2250LBS

General Operating Location	1725 & 1745 HOLYHILL LANE, GLENDORA
District	DISTRICT 26 / METRO EAST REGION
LZ Coordinates (if known)	34.152119, -117.837095
Pick-up location for passenger flights	N/A
Drop-off location for passenger flights	N/A

Date(s) for which service is requested	9/10/2019
Time of Pick-up	0900HRS
Approx. mission duration (if known)	6HRS
Back-up date for mission (if known)	N/A

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 1456956
ADDRESS: 1725 HOLLYHILL LANE : GLENDORA CA
LANDING ZONE LATITUDE 34° 9'7.11"N LONGITUDE 117°50'13.36"W
4908389E LATITUDE 34° 8'49.19"N LONGITUDE 117°50'3.96"W
129842E LATITUDE 34° 8'49.19"N LONGITUDE 117°50'0.51"W
CONTRACTOR'S MIKAEL.MARKANSO@SCE.COM PHONE#: 760-954-8182
CONTACT AT SITE; MIKHAEL.MARKANSON PHONE#: 760-954-8182
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 H2 2250 LBS (2) ↑ 45 H2 2250 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: (N0) XX (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
9-10-2019	SUNRISE	SUNSET	9-2-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
GLENDORA POLICE DEPARTMENT	626-914-8250	WATCH COMMANDER	NOTIFY
LA COUNTY FIRE	626-963-2733	STATION 151	NOTIFY

Evacuation

☐ No Evacuated Structures
☒ Evacuated Structures

Crowd Control

☒ Operator
☒ Contractor

Street Closure

☒ Yes ☐ No
☒ Contractor
☐ Operator



SECTION 7

Part 135 GH 4A Part 133 GH 4L 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
1765 HOLLYHILL LANE	VACANT DURING OPS	HAND DELIVER
1725 HOLLYHILL LANE	VACANT DURING OPS	HAND DELIVER
1745 HOLLYHILL LANE	VACANT DURING OPS	HAND DELIVER
1780 MOUNTAIN LANE	VACANT DURING OPS	HAND DELIVER
???? MOUNTAIN LANE	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	VACANT DURING OPS	HAND DELIVER





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

SITE INSPECTION NOTES

PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. HELICOPTER WILL LAND AT THE STAGING / FUEL AREA
2. FUELING WILL BE CONDUCTED AT THE STAGING AREA
3. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
4. HOLLYHILL LANE AND MOUNTAIN LANE WILL EXPERIENCE INTERMITTENT CLOSURES
5. STREET CLOSURE PER DIAGRAM
6. HOMES MARKED WITH A YELLOW "V" WILL BE EVACUATED DURING OPERATIONS
7. STREET CLOSURE PERSONAL WILL VERIFY ALL HOMES ARE EVACUATED PRIOR TO OPERATIONS
8. THE POLES WILL BE LIFTED FROM THE STAGING AREA AND FLOWN TO THE POLE SITES
9. WATER TRUCK IS REQUIRED AT THE STAGING AREA
10. THE CONTRACTOR WILL TRIM TREES IF REQUIRED

Jeffrey M. Furber

COMPANY OFFICIAL / TITLE





AREA SURVEY CONDUCTED BY : Jeffrey M. Joubert



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.**
- **HOLLHILL LANE AND MOUTAIN LANE WILL EXPERIENCE INTERMITTENT CLOSURES**
- 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: 9-10-2019
- 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

REMOVE AND REPLACE TWO POLES NEAR 1725 AND 1745 HOLLYHILL LANE



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
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???? MOUNTAIN LANE	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	VACANT DURING OPS	HAND DELIVER





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,

A handwritten signature in blue ink that reads "Jeffrey M. Teubner". The signature is fluid and cursive, with the first name "Jeffrey" being the most prominent.

Jeffrey M. Teubner

Flight Coordinator

818-442-9904 office

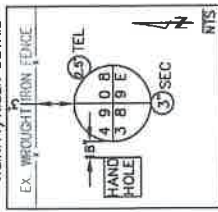
818-621-3794 cell

WORKS WITH 15901

NOTES

- SAME HOLE SET
- JOINT MEET W/ FTR & TWC
- E TO PTD
- BULLETIN 322
- EAGLE ZONE
- TRAFFIC CONTROL (MINOR)
- HAND CARRY, HAND SET, HAND DIG
- TREE TRIMMING REQ'D
- TIM JOHNSON 525-825-6511
- GATE CODE #1448
- TRANSFER:
- 1-#6BC 12KV
- 2-CUTOUTS
- 1-25KVA XFMR (2017)
- 1-3" SEC RISER

VICINITY/RISER DETAIL

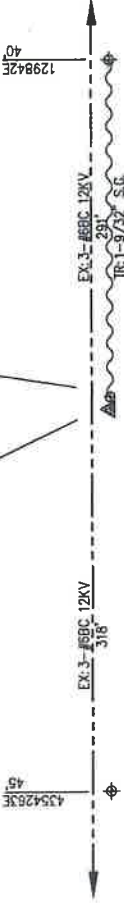
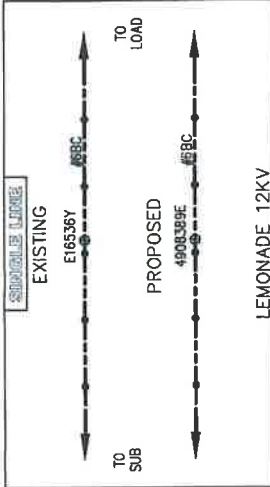


DEAD END CALCS-4908389E
 3/C #6WPC 120V
 3' X 850 LBS
 2,490 X 18'
 =2,490 LBS
 =44,820 LBS
 45' CLASS H2 DF-TB CAN HOLD
 =62,197 FT LBS
 BREAST BLOCK & POLE KEY IN CLASS 4 SOIL
 =47,500 FT LBS

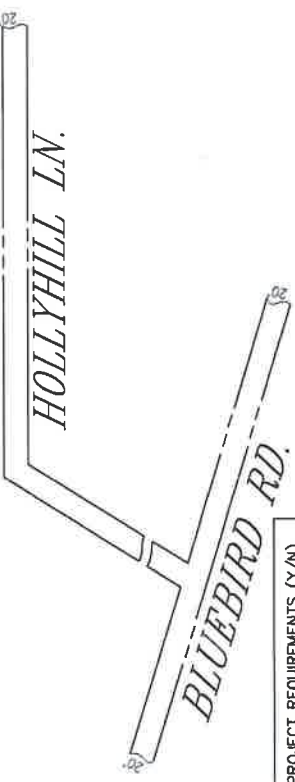
POLE
 45' CLASS H2
 4908389E 2
 IN: 1- POLE 45' CLASS H2 WOOD FULL TREAT
 IN: 2- XA SINGL FB 10' STEEL PINS
 IN: 3- INS POLY W/PIN 12KV CLMP #6-4/O CU
 IN: 2- FE FUSE ELF 15KV 6A
 IN: 2- MISC AVIAN TRANS BUSHING COVER 3.25-4.25
 IN: 2- CUTOUT COVERS
 IN: 1- SEC 3-WIRE (284 RACK)
 IN: 1- GR OH #6 SOL WP SECONDARY W/ROD
 IN: 1- AG BLOCK & POLE KEY

RM
 45' E16536Y
 Class C4
 RM: 1- POLE 45' CLASS 4 WOOD FULL TREAT
 RM: 1- XA SINGL FB 10' STEEL PINS
 RM: 3- INS GLASS/POLY 35KV & LESS
 RM: 1- SEC 3-WIRE (284 RACK)
 RM: 1- GR OH #6 SOL WP SECONDARY W/ROD

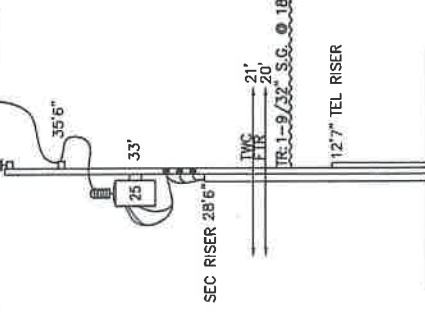
34' 8" 49.2"
 -117' 50" 3.9"
 ELEV 1,111'



1725



EX: 3-#6BC 12KV 38'



PROJECT REQUIREMENTS (X/N)	
EDISON EASEMENT REQUIRED	☒
PMRD 88 REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
OUTAGE REQUIRED	☒
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL CLEARANCE REQ'D	☒
CSD 140 (TLW) REQ'D	☒

PROPOSED
 4908389E
 L/N

T.L.M. DATA:			
SIZE	KVA	CUST	% LOAD
EXIST: 25	15.1	1	60.4 %
PROP: 25	15.1	1	60.4 %
VOLTAGE DROP: _____			
FLICKER FACTOR: _____			
PRI. CIRCUIT: LEMONADE 12KV			



NOT TO SCALE

DISTRICT	26 - COVINA	PROJ. MGR.	TOLMASOFF, LAURA	PLANNER	FUSTON, DYLAN/HW	DESIGNER	BURKHART, KRISTY/HW
PROJECT NO.	1666456	SERVICE REQUEST	MSR NO.	1456956	INFRA REPLAC - DET POLE REPLACEMENT	ASSOC DESIGN	ASSOC DESIGN
CIRCUIT / VOLTAGE	LEMONADE 12KV	THOMAS GUIDE	CIRCUIT CODE	10333	PRODUCT-1	PRODUCT-2	PRODUCT-3
SUB / PG NO.	CITRUS C3	J.P.A. NO.	E5026-409667540	PROPOSED CONSTRUCTION (LOCATION)	DETERIORATED POLE - E16536Y/4908389E		
INVENTORY MAP	166-4335-1	PROJ. NO.	166-4335-1	PROJ. NAME	HOLLYHILL LN NW/S 275', 450' NE/O BLUEBIRD RD		
DATE		APPROVED BY		CHECKED BY		DESIGNED BY	
TYPE		DATE		APPROVED BY		CHECKED BY	
Southern California Edison Company				SHEET 1 OF 1			
				DESIGN/DRWG NO. 1079935_0.01			

Google Maps 1725 Hollyhill Ln

CALL FOR ACCESS TO 1725 HOLLYHILL LN
TIM JOHNSON @ 626-825-6511

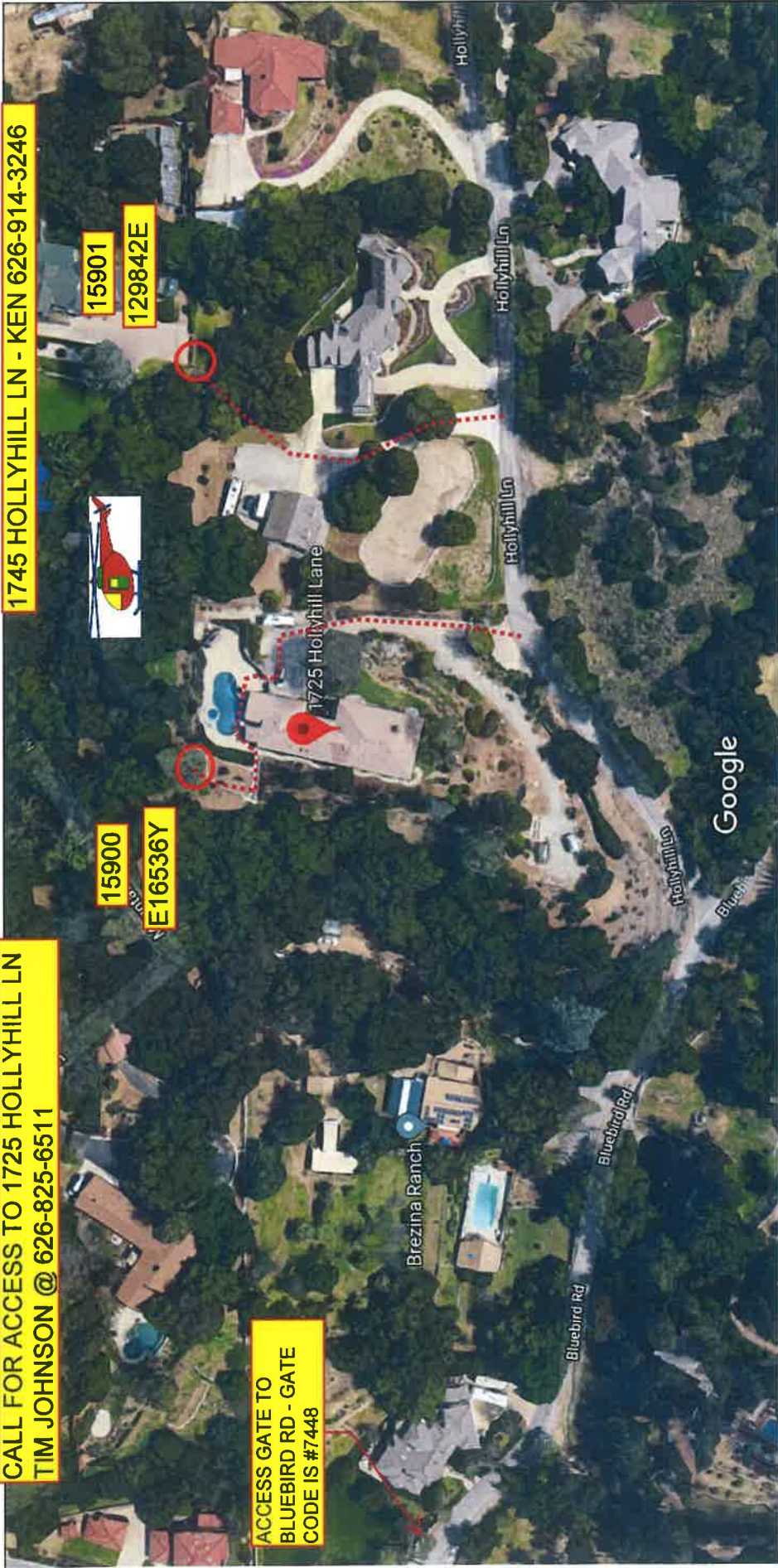
ACCESS GATE TO
BLUEBIRD RD - GATE
CODE IS #7448

15900
E16536Y



15901
129842E

1745 HOLLYHILL LN - KEN 626-914-3246



Imagery ©2019 Google, Map data ©2019 Google 100 ft

