

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

7-3-2019
Camino Cielo SIB
(3) poles 1600 max
TD1519402 TD15157508 TD1515696
NON-CAP
L2

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

[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:*	PEDRO LEMUS
Department:*	HOTLINE CONSTRUCTION INC
Pax:*	N/A
Cell Number:*	951-282-1467
Email Address:*	PLemus@hotlineconstructioninc.com

SAP Accounting Number*	TD1519402, TD15157508, TD1515696
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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):

TD1519402 POLE 2144035E RM: 40' CL 5 WOOD POLE. IN: 40' CL 1 COMP POLE

TD1515708 POLE 1947099E RM: 40' CL 5 WOOD POLE. IN: 45' CL 2 WOOD POLE

TD1515696 POLE 1947100E RM: 40' CL 4 WOOD POLE. IN: 45' CL 2 WOOD POLE

General Operating Location	CAMINO CIELO
District	49 SANTA BARBARA
LZ Coordinates (if known)	
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	JUNE 29TH OR JULY 3RD
Time of Pick-up	
Approx. mission duration (if known)	
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
16425 Hart Street
Van Nuys, CA 91406
Phone (818) 442-9904
FAX (818) 442-9901

PROJECT: EDISON POLE REPLACEMENT WORK ORDER #: TD 1519402 TD 1515708 TD 1515696

ADDRESS: 5673 WEST CAMINO CIELO : SANTA BARBARA CA

LZ LATITUDE 34°30'2.88"N LONGITUDE 119°49'51.40"W

1947100E LATITUDE 34°29'57.38"N LONGITUDE 119°49'5.06"W

1947099E LATITUDE 34°29'59.01"N LONGITUDE 119°49'2.98"W

2144035E LATITUDE 34°29'53.92"N LONGITUDE 119°48'48.97"W

CONTRACTOR'S NAME: HOTLINE CONSTRUCTION INC PHONE#: 951-282-1467

CONTACT AT SITE: PEDRO LEMUS PHONE #: 951-282-1467

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 3 POLES (1) 40 FT CL 1 COMPOSITE (2) 45 FT CL 2 WOOD

MAX SINGLE – LIFT WEIGHT: 1650 LBS CLASS OF LOAD: EXTERNAL CL B

NO. OF LIFTS: 8 LONG LINE: (NO) XXX (YES) LESS THEN 100 FT (LENGTH)

OPERATIONAL ALTITUDE: < 50 STREET CLOSING: XX (NO) (YES)

DATE AND TIMES OPERATION WILL BEGIN AND TERMINATE:

FLIGHT DATES	TIME BEGIN	TIME END	TODAY'S DATE
7-3-2019	SUNRISE	SUNSET	6-25-2019
CROWD CONTROL			
OWNER:	XXX	CONTRACTOR:	XXX
OPERATOR:	XXX	SECURITY:	
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
SANTA BARBARA SHERIFF	805-928-3781	WATCH COMMANDER	NOTIFY
SANTA BARBARA COUNTY FIRE	805-681-5518	STATION 18	NOTIFY



NON- Congested Area Plan (Continued)

Operator: Guardian Helicopters, Inc
 16425 Hart Street
 Van Nuys, CA 91406
 Phone (818) 442-9904
 FAX (818) 442-9901

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
5673 WEST CAMINO CIELO	VACANT DURING OPS	HAND DELIVER
3 BUILDINGS WITHOUT ADDRESSES	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	VACANT DURING OPS	HAND DELIVER





NON- Congested Area Plan (Continued)

Operator: Guardian Helicopters, Inc
16425 Hart Street
Van Nuys, CA 91406

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.

A TAILBOARD SAFETY MEETING WILL BE HELD AT THE ASSIGNED AREA PRIOR TO BEGINNING HELICOPTER OPERATIONS

1. HELICOPTER WILL LAND IN THE STAGING / FUEL AREA TAILBOARD WILL BE CONDUCTED AT LANDING ZONE
2. FUELING WILL ONLY BE CONDUCTED AT THE LZ STAGING AREA
- 3 POLES WILL BE STAGED AT THE LZ
6. EMERGENCY LANDING ZONE IS AT THE STAGING AREA AND ALONG THE FLIGHT PATH
7. PROPERTY IDENTIFIED WILL BE VACANT DURING OPERATIONS
8. WATER TRUCK IS NOT REQUIRED
9. WEST COMINO CIELO WILL EXPERIENCE INTERMITTENT CLOSURES DURING OPERATION SEE DIAGRAM

6-25-2019

DATE OF SUBMISSION

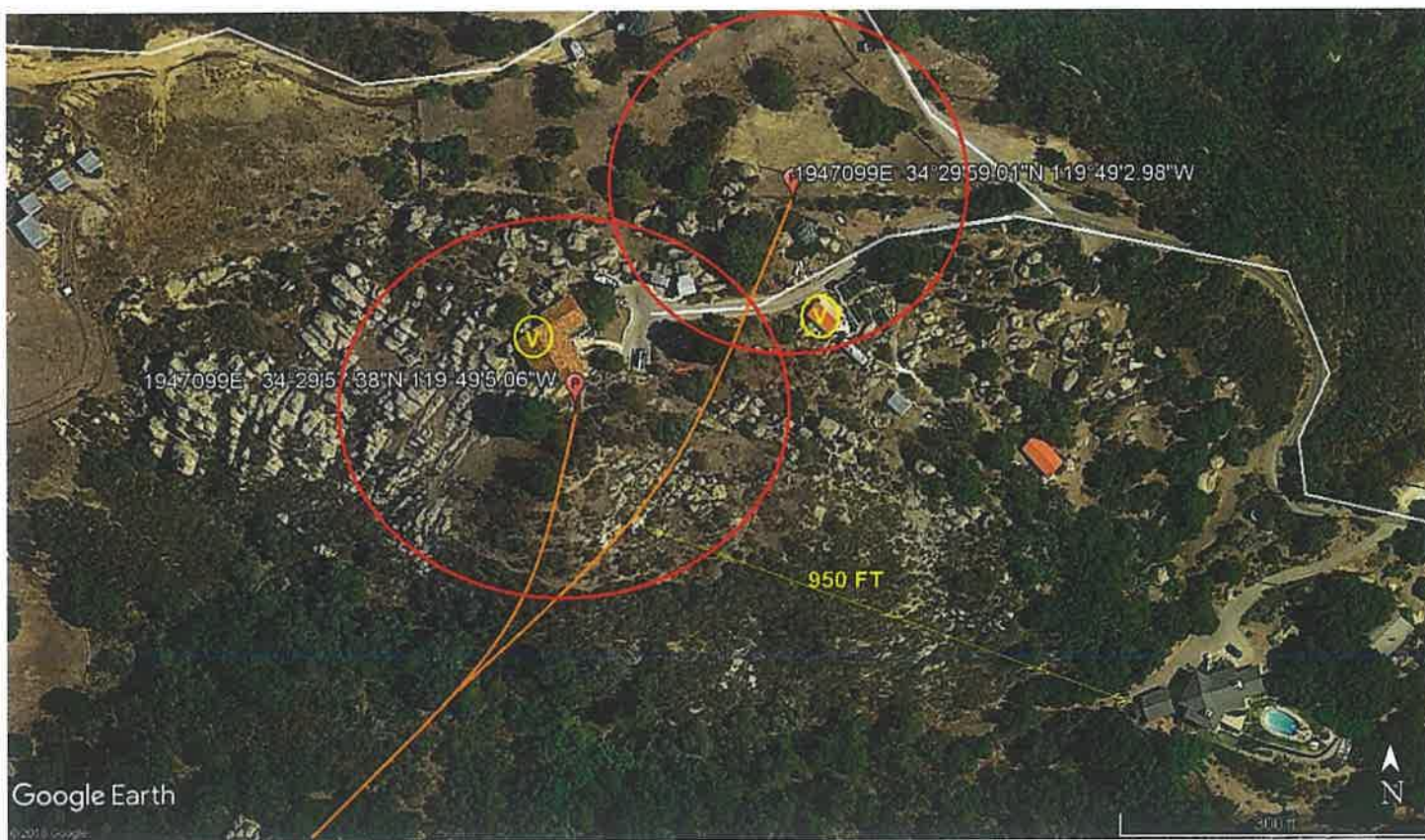
COMPANY OFFICIAL / TITLE



GUARDIAN
HELICOPTERS, INC.

**Part 135 GH 4A Part 133 GH 4L
OPERATIONS AREA DIAGRAM**







LEGEND

SITE PLAN SYMBOLS: EVACUATION FLIGHT PATH

LANDING AREA = (LZ)	STREET BLOCKED = XXXX	TOP TWO FLOORS = UBT2
ATTACH AREA = (A)	RELEASE AREA = (R)	
FLIGHT PATH = >>>>	EMERGENCY LAND = (ELZ)	
UNOCCUPIED BUILDING = (UBA)	UNOCCUPIED BUILDING TOP FLOOR = (UBT1)	

AREA SURVEY CONDUCTED BY : Jeffrey M. Jentima



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.**
- **WEST CAMINO CIELO 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: 7-3-2019
- 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 THREE POLES NEAR 5673 WEST CAMINO CIELO

LIST OF BUILDINGS THAT SHALL EITHER BE PARTIALLY OR ENTIRELY UNOCCUPIED PERSONS ALSO HOMES THAT WILL BE NOTIFIED OF ACTIVITY:

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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,

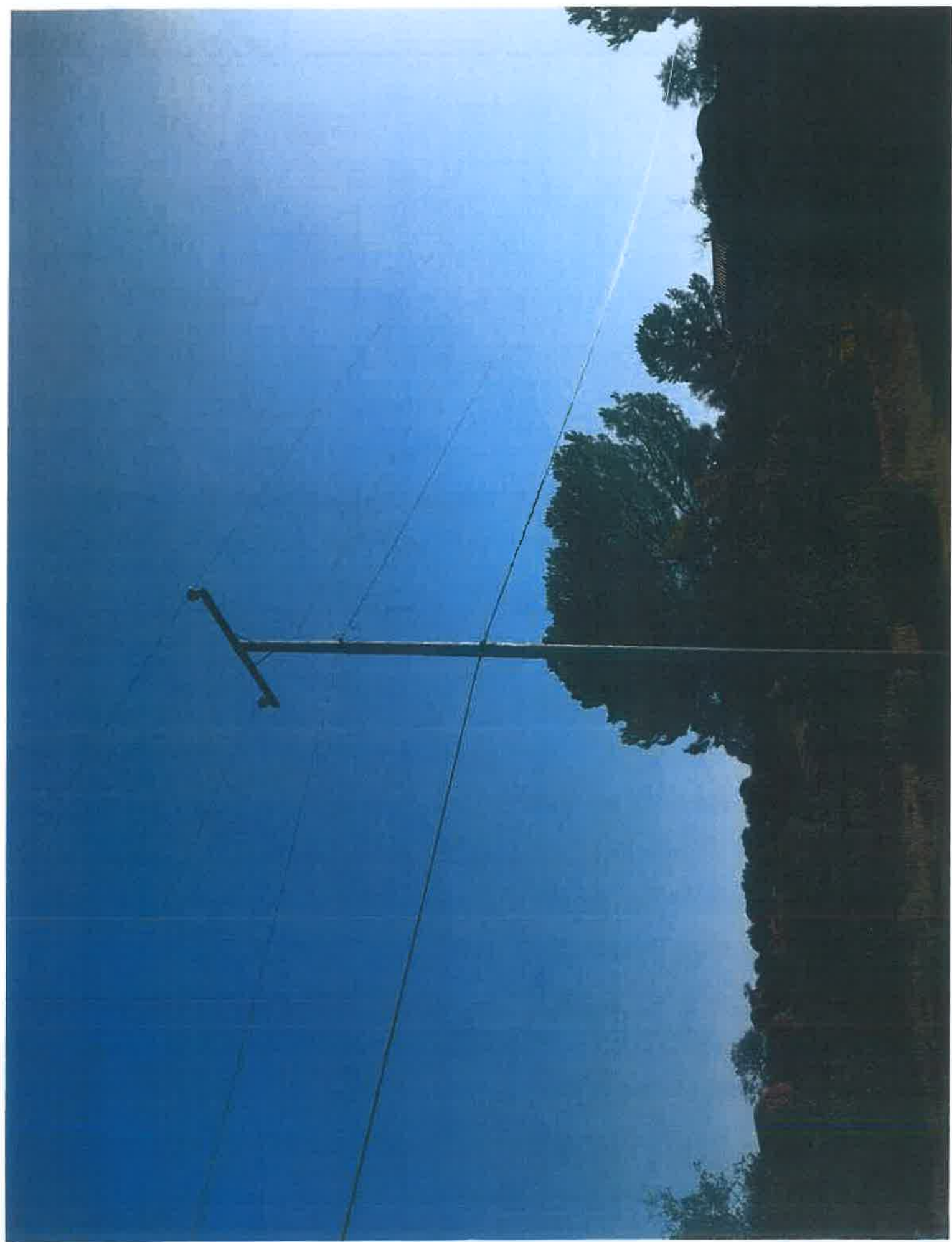
A handwritten signature in blue ink that reads "Jeffrey M. Teubner". The signature is written in a cursive, flowing style.

Jeffrey M. Teubner

Flight Coordinator

818-442-9904 office

818-621-3794 cell



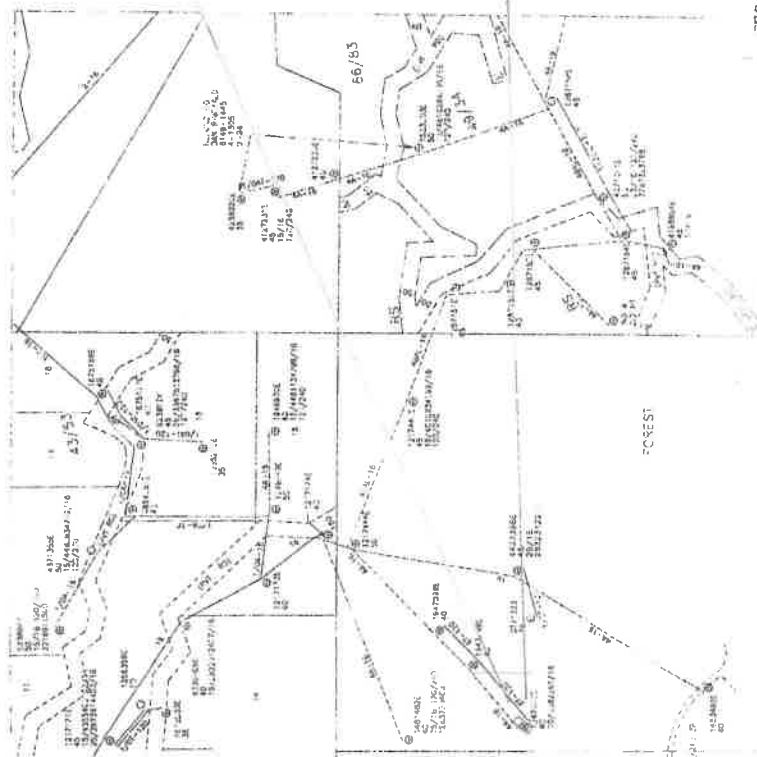




15569

Lechman-Lite

SANTA BARBARA CO 24-51



Pr: 1 - Grand

3/3 TD 51572

CRW Notes:

— CREW TOWNSHIP POLICE — N.E.

IN FRONT OF XFRONT.

WET.

- NW PTC / Traffic control

- POLE IS @ 5637 W Carving Circle Rd.

Property line. Possible to get

to front of property, 1902

is 100 Awt. DR Helicopter Ser.

PLANNER: LIFE SAVED	JOB NAME: ACT - POLICE REPLACEMENT	FOREMAN:	DISTRICT: 9-5 B
DRO:	JOB LOCATION: 5037 W. Lanning Circle	TRUCK	DATE SENT TO RM:
	TLM-GSD 140 REQUIRED YES NO		
A.I. NO.:	TLM DATA: EXIST. 10 14 2 19 3 PROP. 10 14 2 50 VOLTAGE DROP % PRI. CIRC.: 6000	DRAWN BY:	INV. MAP NO. 45
J.P.A. NO.:	GRID NO. THOMAS MAP	WORKED BY:	
RELATED W.O.:		INV. MAP NO. 3	VERIFIED: 1/1

NEW 10ms
DATE 14-10-20

1079

DIRECT REQUIREMENTS (Y/N)

DISCLOSURE REQUIREMENTS

☒ YES ☐ NO ☐ REF. INFO.

உயர்நீதிமன்றம்

FERVIT REQ. 1283

MIT TYPE: _____

☒ DATE RECEIVED: _____

DATE	TIME
11-11-11	11:11

DATE _____ TIME _____
 TYPED BY _____

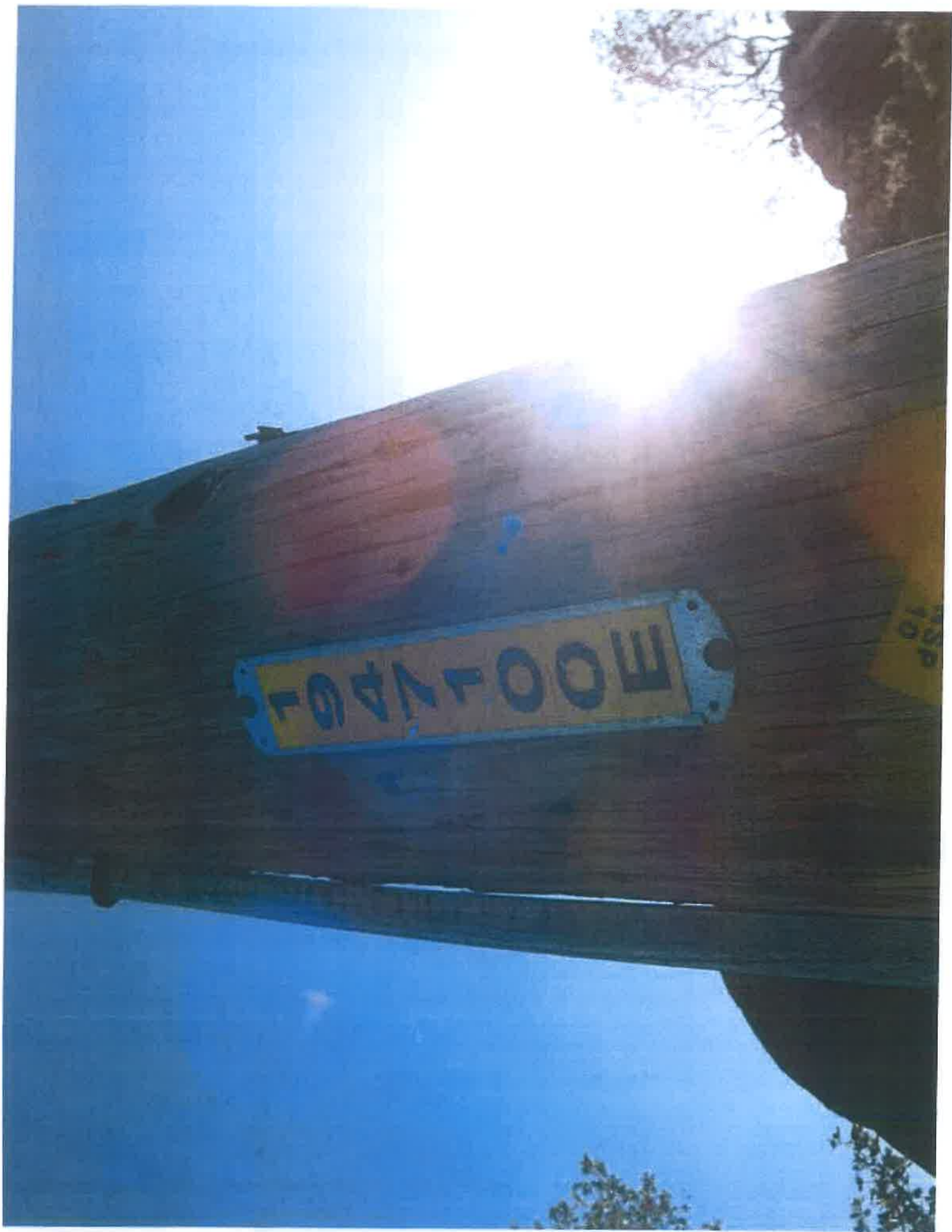
TRAFFIC: CRASHES: 8 DEATHS: 1

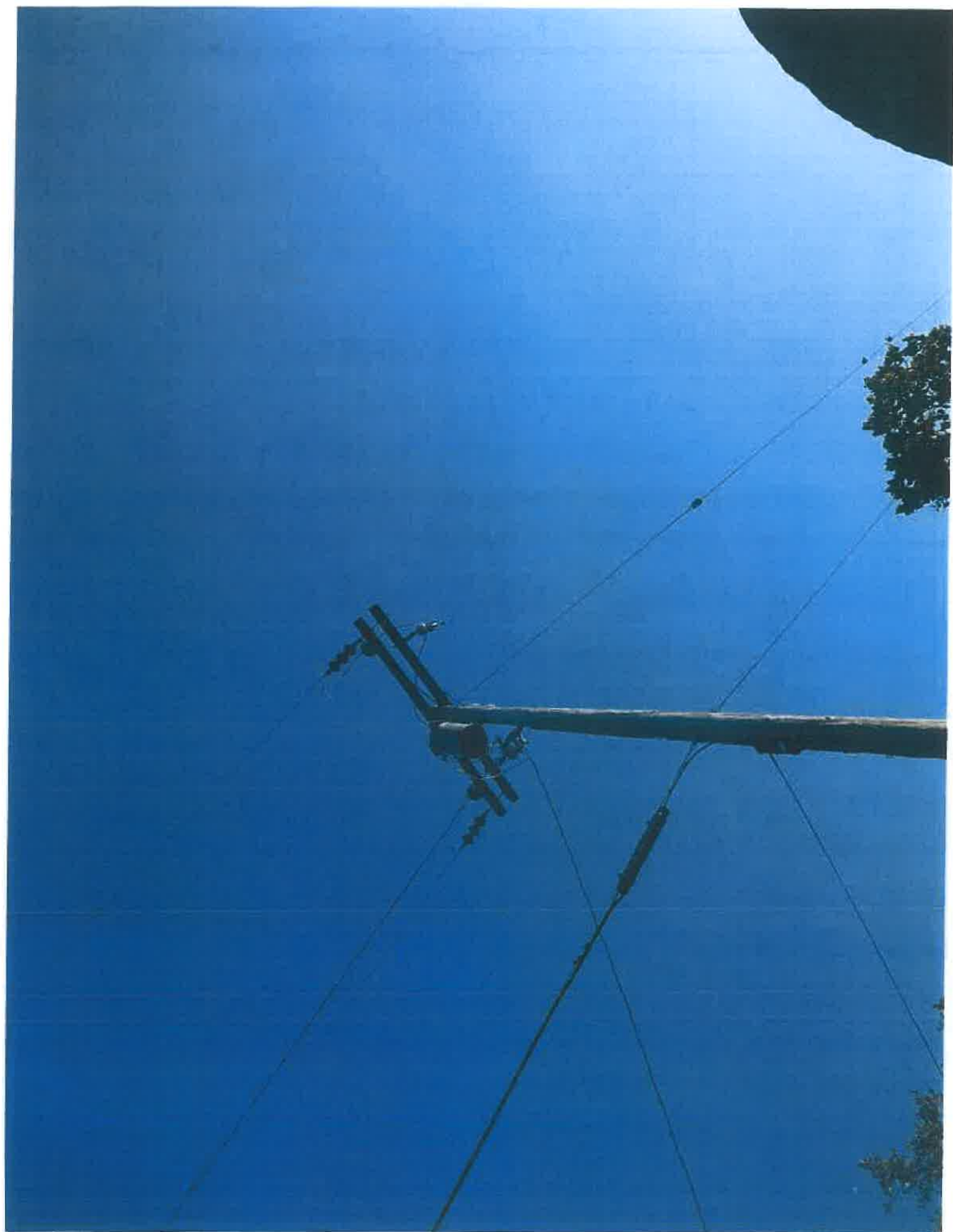
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3. ☐ YES	4. ☐ YES
5. ☐ YES	6. ☐ YES
7. ☐ YES	8. ☐ YES
9. ☐ YES	10. ☐ YES
11. ☐ YES	12. ☐ YES
13. ☐ YES	14. ☐ YES
15. ☐ YES	16. ☐ YES
17. ☐ YES	18. ☐ YES
19. ☐ YES	20. ☐ YES
21. ☐ YES	22. ☐ YES
23. ☐ YES	24. ☐ YES
25. ☐ YES	26. ☐ YES
27. ☐ YES	28. ☐ YES
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91. ☐ YES	92. ☐ YES
93. ☐ YES	94. ☐ YES
95. ☐ YES	96. ☐ YES
97. ☐ YES	98. ☐ YES
99. ☐ YES	100. ☐ YES

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818

DATE: 140 1111 2000







TD 1519402 - CACHUMA 16KV / VEGAS SUB



1287153E
45

- RM: 2144035E
RM: 40' DF CLS
RM: 2-10' X-422AS
RM: 2-10' X-422AS
RM: 5000 XPMR

- RM: 166 Router
RM: 9/32" Down Line

- IN: 2144035E
IN: 40' Comp CLS
IN: 1-10' Comp X-ARM
IN: 1-10' Comp Fuse Arm
IN: 2 ELF Fuses With Circuit Breakers (16kv)
IN: 25KVA XPMR
IN: XPMR Ground Wire
IN: 166 Router
IN: 3/8" Down Line

Notes to P-Spec/CREW

- No. TRAP Access: Pole Located At 500' W. Camino Clus. Rd.
- Existing: Holloway To Remain
- Transfer Existing Conductors To New Pole
- SCG TO PTD

PROJECT REQUIREMENTS (Y/N)

EDISON EASEMENT REQUIRED ☒ Y

PWRD 88 REQUIRED ☒ Y

UG CIVIL ONLY WORK ORDER ☒ Y

PERMIT REQUIRED ☒ Y

OUTAGE TYPE: _____

OUTAGE DATE: _____ TIME: _____

TRAFFIC CONTROL REQUIRED ☒ Y

PED. TRAFFIC CONTROL REQ'D ☒ Y

CONVEYANCE LETTER REQ'D ☒ Y

ENVIRONMENTAL CLEARANCE REQ'D ☒ Y

CSD 140 (TLM) REQ'D ☒ Y

T.L.M. DATA:

SIZE: 5 KVA CUST: 234 %

EXIST: 11.7 PROP: 11.7

VOLTAGE DROP: _____

FUCKER FACTOR: _____

PRI. CIRCUIT: _____



NOT TO SCALE

DISTRICT	58149	PLANNER	J. Hooten
PROJECT NO.	1519402	DESIGNER	
CIRCUIT / VOLTAGE	THOMAS GUIDE	PRODUCT-1	ASSOC DESIGN
SUB / PG NO.	16KV	PRODUCT-2	ASSOC DESIGN
INVENTORY MAP	24-54	PRODUCT-3	ASSOC DESIGN
PROPOSED CONSTRUCTION (LOCATION)			
16KV E & W'S FOR CLS SEE 2144035E			
TYPE	DATE	APPROVED BY	CHECKED BY
		Southern California Edison Company	
SHEET 1 OF 1		DESIGN/PRG NO.	

