

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

9-9-2019
Banning
C3 45CL2 1427LBS @ 3100 FT Elev.
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

Tailboard & Helicopter Safety Briefing

Pilot:
Support Crew:
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:*	JOHN WHARTON
Department:*	DIVERSIFIED UTILITY SERVICES
Pax:*	00000
Cell Number:*	661 864-8051
Email Address:*	Whartonj@dusi1.com

SAP Accounting Number*	TD1470838	ALOLA 2.4 KV
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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):

R&R 3 DET POLE BY HELICOPTER POLES 2138180E. 2138179E. 2138178E. ALL
POLES 45'CL-2 (wt: 1427lbs) Plz contact John Wharton 661 864-6051 For
pre-con meeting 1,560 @ 3,100' elev. No gravel *Poles only.*

General Operating Location	10600 MIAS CYN RD BANNING
District	REDLANDS 31
LZ Coordinates (if known)	N33 58 24 95 W116 52 55 20
Pick-up location for passenger flights	
Drop-off location for passenger flights	

Date(s) for which service is requested	AUG. 20 2019
Time of Pick-up	0800AM
Approx. mission duration (if known)	
Back-up date for mission (if known)	

Authorizer	PAUL WILLAMSON SCE PGS
Authorizer PAX and cell number	909 557-0086

*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 1470838

ADDRESS: 10600 MIAS CYN RD : BANNING CA

LZ STAGING AREA LATITUDE 33°58'24.85"N LONGITUDE 116°52'55.14"W

LZ STAGING AREA LATITUDE 33°58'18.76"N LONGITUDE 116°53'50.61"W

2138178E LATITUDE 33°58'28.03"N LONGITUDE 116°53'6.07"W

2138179E LATITUDE 33°58'31.55"N LONGITUDE 116°53'6.58"W

2138180E LATITUDE 33°58'34.52"N LONGITUDE 116°53'6.65"W

CONTRACTOR'S JOHN WHORTON PHONE#: 661-864-6051

CONTACT AT SITE: JOHN WHORTON PHONE#: 661-864-6051

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) ↓ 45 CL2 1450 LBS (3) ↑ 45 CL2 1450 CLASS OF LOAD: EXTL CL B

NO. OF LIFTS: 6 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
9-9-2019	SUNRISE	SUNSET	9-2-2019
AGENCY NAME:	PHONE#:	PERSON NOTIFIED:	DATE:
BANNING POLICE DEPARTMENT	951-922-3170	WATCH COMMANDER	NOTIFY
BANNING FIRE	951-922-3230	STATION 89	NOTIFY

Evacuation



No Evacuated Structures



Evacuated Structures

Crowd Control



Operator



Contractor

Street Closure



Yes ☐ No



Contractor



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
TWO BUILDINGS MARKED WITH VACANT	VACANT DURING OPS	HAND DELIVER
ALL HOMES WITHIN OPERATING AREA	VACANT DURING OPS	HAND DELIVER
SEE DIAGRAM = V	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.

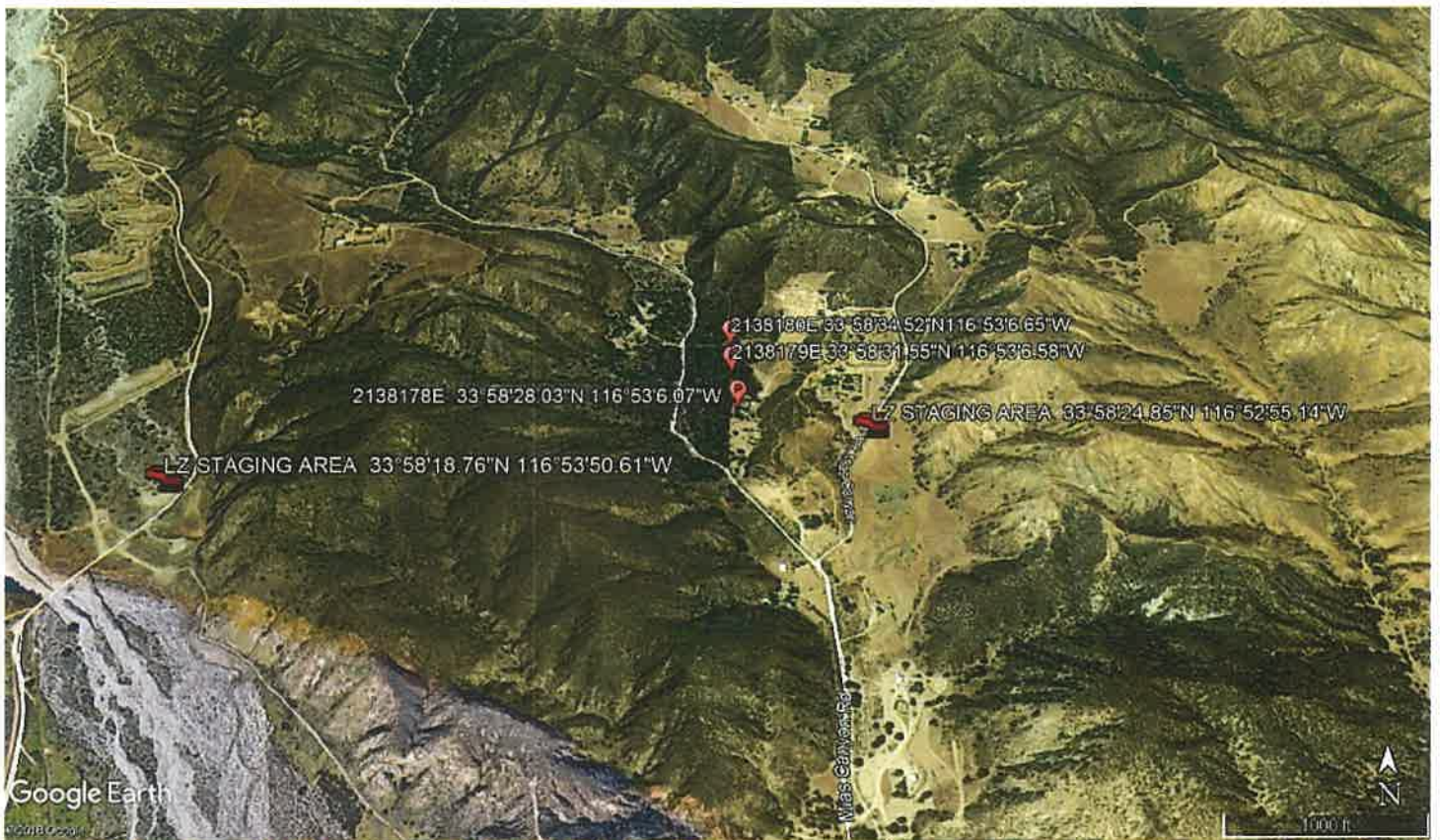
PRIOR TO BEGINNING OPERATIONS, A TAILBOARD SAFETY BRIEF WILL BE CONDUCTED.

1. HELICOPTER WILL LAND ONE OF 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. TAILBOARD SAFETY BRIEF CONDUCTED AT THE STAGING AREA PRIOR TO FLIGHT
5. NO STREET CLOSURE PILOT WILL CROSS ROADS WHEN CLEAR
6. NO EVACUATIONS REQUIRED
7. THE POLES WILL BE LIFTED FROM THE STAGING AREA AND FLOWN TO THE POLE SITES
8. WATER TRUCK IS REQUIRED AT THE STAGING AREA
9. THE CONTRACTOR WILL TRIM TREES IF REQUIRED

9-5-2019

DATE OF SUBMISSION

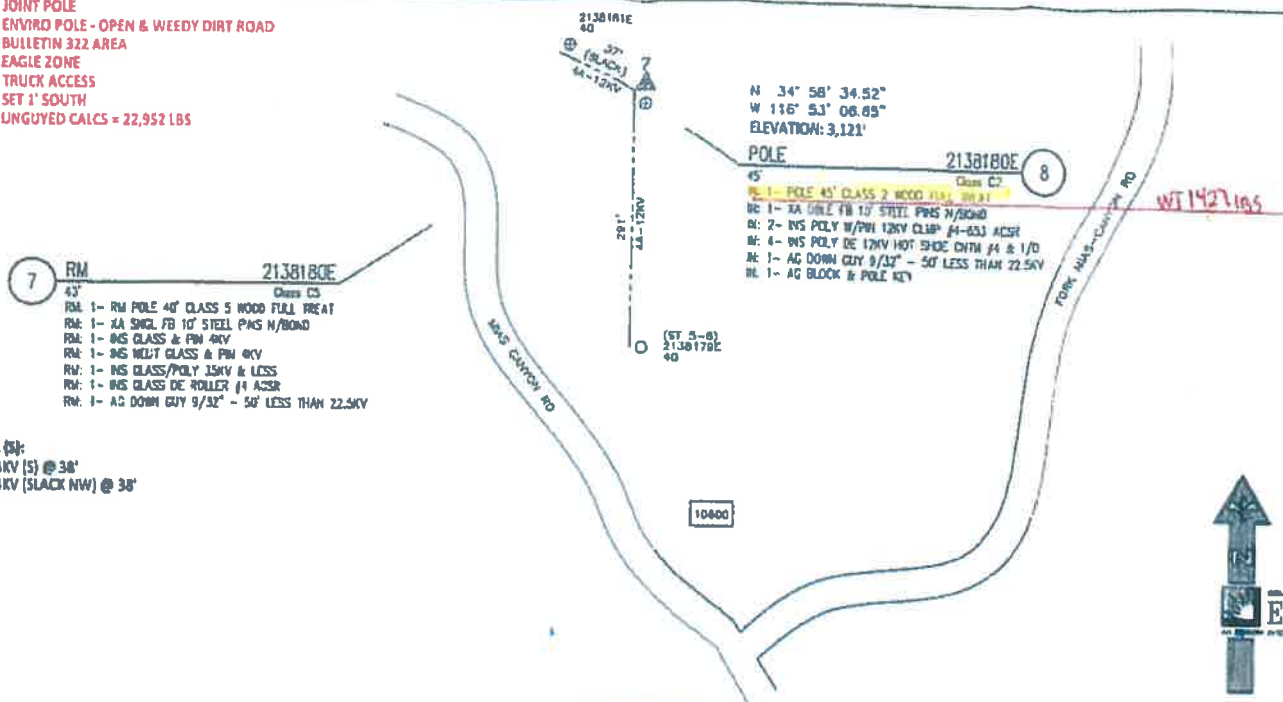
COMPANY OFFICIAL / TITLE





AREA SURVEY CONDUCTED BY : Jeffrey M. Jentura

* NOTES: JOINT POLE
 ENVIRO POLE - OPEN & WEEDY DIRT ROAD
 BULLETIN 312 AREA
 EAGLE ZONE
 TRUCK ACCESS
 SET 1' SOUTH
 UNGUYED CALCS = 22,952 LBS



TRANSFER (S):
 2/C 4A-2.4KV (S) @ 38"
 2/C 4A-2.4KV (SLACK NW) @ 38"



NOT TO SCALE

ENVIRONMENTAL PACKAGE
 MONITOR
 TRAINING
 NESTING/EAGLE ZONE
 PRE-CON SURVEY

HEJA 12-31-17
TIER: 3

PROJECT INFORMATION 31 - REDLANDS PROJECT NO. 1684302 PROJECT NAME: BARNES RESERV PROJECT NO. 2581007 PROJECT TYPE: RENEWABLE PROJECT NO. 2581007 PROJECT TYPE: RENEWABLE PROJECT NO. 2581007 PROJECT TYPE: RENEWABLE		POLE NO. 2138180E POLE TYPE: CLASS 2 WOOD FULL TREAT POLE NO. 2138180E POLE TYPE: CLASS 2 WOOD FULL TREAT		PLANNED ASP: 714-883-2425 DESIGN ASP: 714-883-2425	
PROPOSED CONSTRUCTION (LOCATION) POLE # 2138180E 10800 MIAS CANYON RD BAKING, CA		PROPOSED CONSTRUCTION (LOCATION) POLE # 2138180E 10800 MIAS CANYON RD BAKING, CA			
TYPE: DATE: APPROVED BY: CHECKED BY: DRAWN BY: PLOT #		SHEET: 1090555 0 01			

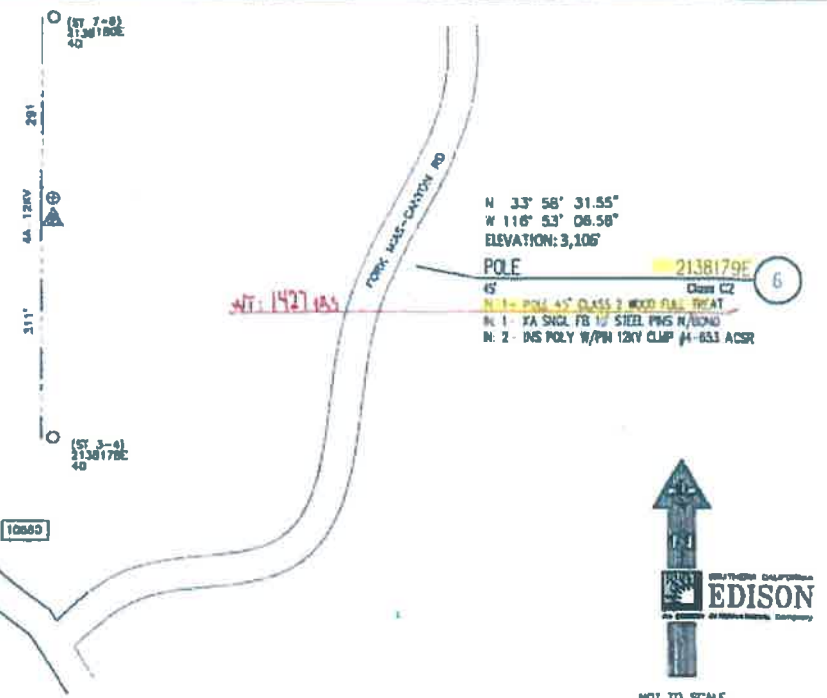
TRANSFER 2/3 4A-2.4KV @ 30'

ENVIRONMENTAL PACKAGE

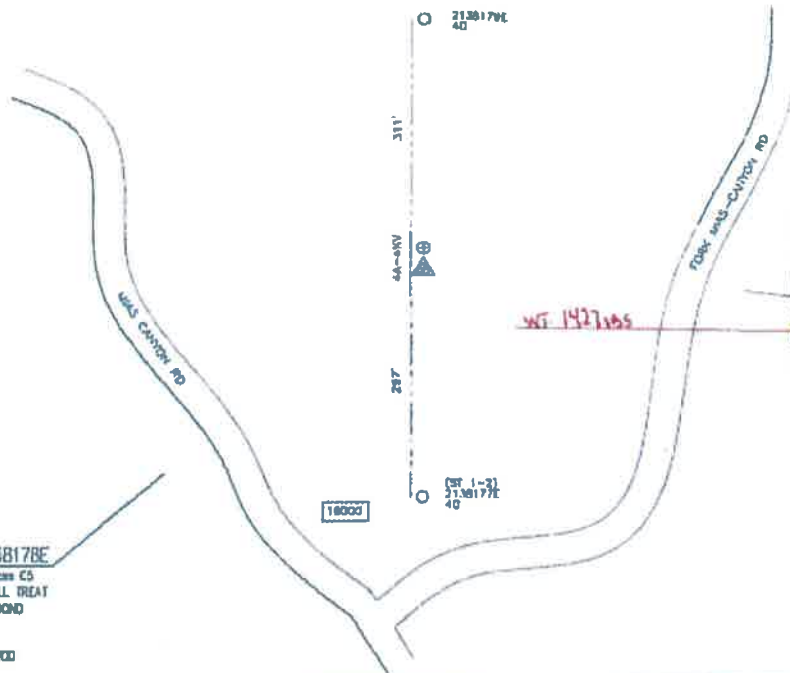
MONITOR	☐
TRAINING	☐
NESTING/EAGLE ZONE.	☒
PRE-CON SURVEY	☒

ALLOTT 2 WEEKS

TIER: 3

[illegible]

TRANSFER (3):
2/C 4A-2.4KV @ 38'



POLE 21381786
45' Class C2
IN 1- POLE 45' CLASS 2 MIXED FILL TRAIL
RE 1- 2A SAGE 10' 13' STEEL TUB W/ROUND
IN 2- 1HS POLY W/PIN 12XV CLMP #4-453 ACSB
IN 1- CR ON PG SOL W/ PRIMARY W/ROO



NOT TO SCALE

HFA 12-31-17
TIER: 3

[illegible]

Map Page

