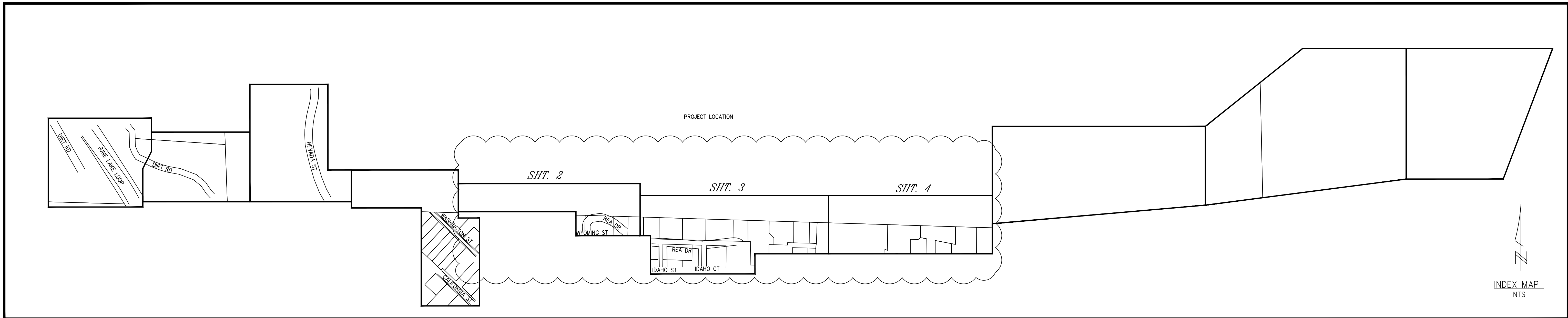




PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	☒
PWRD 88 REQUIRED	☒
UG CIVIL ONLY WORK ORDER	☒
PERMIT REQUIRED	☒
PERMIT TYPE: <u>ENCROACHMENT, EXCAVATION & AIR OPS</u>	
OUTAGE REQUIRED	☒
OUTAGE DATE: _____ TIME: _____	
TRAFFIC CONTROL REQUIRED	☒
PED. TRAFFIC CONTROL REQ'D	☒
CONVEYANCE LETTER REQ'D	☒
ENVIRONMENTAL REQUIREMENTS DOCUMENT (ERD) REQUIRED	☒
CSD 140 (TLM) REQ'D	☒
CIRCUIT MAP CHANGE REQ'D (TD 203)	☒
DIG ALERT APP	☐
VERIFIED ACTIVE AND CONFIRMED USA TICKETS	☐
UTILITYQUEST NOTIFIED	☐
STANDARD ADHERENCE: <u>1 Q/2022</u> Y	

D124: Rev. 03/21/23

FINAL DESIGN
APPROVED FOR CONSTRUCTION

TRANSMISSION RELATED
WORK ORDER IN THIS DRAWING
ESTIMATOR: EDGARDO VILLALOBOS

HELICOPTER SET
REQUIRED ON
THIS WORK ORDER

SECTIONAL COMPOSITE
POLE(S) INSTALLED
ON THIS WORK ORDER

RELATED PRODUCT NO.'S

TD1972986
TD1972988
TD1967124
TD2220082
TD2220084
TD2212813

GRID MAP NO.'S

LB-1282-H	LB-1482-
LB-1382-G	LB-1481-
LB-1382-H	LB-1482-
LB-1381-B	LB-1482-
	LB-1582-

GRID MAP NO.'S

LB-1282-H LB-1482-
LB-1382-G LB-1481-
LB-1382-H LB-1482-
LB-1381-B LB-1482-
LB-1582-

** HFA PROJECT ** TIER LEVEL 2		DOT
TOTAL PLANNED COVERED CONDUCTOR CIRCUIT MILES:	0.52	

D145c Rev. 02/12/21

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016: Rev. 05/28/21

SURVEYED
DATE: 04/12/22

[illegible]

DISTRICT 85 - BISHOP		PROJ. MGR. SANDOVAL, JULIE L		PLANNER THOMPSON II, GERALD LEON	DESIGNER ROWEN, MAYRA
PROJECT NO. SERVICE REQUEST 2377354 3268279		MSR NO. 6266076611	PROJECT 2220082-GRID RESILIENCY		ASSOC DESIGN
CIRCUIT / VOLTAGE REVERSE PEAK 12KV		GPS	PROJECT-2		ASSOC DESIGN
SUB / PG NO. JUINE LAKE		CIRCUIT CODE 14926	PROJECT-3		ASSOC DESIGN
INVENTORY MAP VARIOUS		I.P.A. NO. E6085-413729324			
		PROPOSED CONSTRUCTION (LOCATION) 2024 PIF#385026 - 4P GR CC - REVERSE PEAK 12KV			
		VARIOUS LOCATIONS BISHOP, CA 93514			
B 05/05/22		KS/ABS / AR	5GS/ABS	30276	
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
Southern California Edison Company SHEET 1 of 4 1696787.0.01 					

**EXISTING OVERALL SINGLE LINE
REVERSE PEAK 12KV % JUNE LAKE SUB**

This single-line diagram illustrates the existing and proposed configuration of the Reverse Peak 12KV % June Lake Sub system. The diagram shows the following components:

- Existing Infrastructure:** Represented by solid blue lines and symbols. Key elements include:
 - State Highway 158 running along the left side.
 - Nevada St crossing the system.
 - Washington St and California St at the bottom right.
 - Various poles and towers labeled with IDs such as 24986S, 24984S, 24983S, 24982S, 24980S, 224345S, 24972S, 524158S, 24965S, 24964S, 193010E, 1930107E, 1600176E, 1600175E, 1600174E, 1930116E, 1930121E, 2136739E, 2377735E, 2377731E, 2377733E, 2042834E, 2042834F, 2040432, 4093015E, 1600176E, 1600175E, 1600174E, 1930116E, 1930121E, 2136739E.
 - Remote load break (PS 0107) and adaptable equipment (FI00432, FI00432).
 - Transformer P5044284 at the top left.
 - Transformer P5044393 at the bottom right.
 - Transformer P5018135 at the bottom right.
 - Transformer P5165937 at the bottom center.
 - Transformer P5333956 at the bottom center.
 - Transformer P5044393 at the bottom right.
 - Transformer P5018135 at the bottom right.
 - Transformer P5165937 at the bottom center.
 - Transformer P5333956 at the bottom center.
- Proposed Changes:** Indicated by dashed blue lines and orange/red symbols.
 - New pole/tower locations marked with orange circles and numbers (e.g., 2377735E, 2377731E, 2377733E).
 - Orange arrows indicating new or modified connections.
 - A red flag warning symbol near the bottom center.
- Project Location:** A box on the right side of the diagram, titled "PROJECT LOCATION", showing the intersection of Nevada St, Washington St, California St, Wyoming St, and Texas St. It includes details about the transformer (RM: 15KVA 120/240V 1PH) and the project location.
- Notes:** A note box on the right states: "AREA SUBJECT TO DISPATCHER'S BULLETIN NO. 322. WHEN A RED FLAG WARNING IS IN EFFECT, THE LINE OR LINE SECTION WILL NOT BE RE-ENERGIZED FOLLOWING A LOCKOUT UNTIL THE LINE OR LINE SECTION, SUBJECT TO BULLETIN 322 RESTRICTION, HAS BEEN COMPLETELY PATROLLED BETWEEN THE SOURCE STATION OR STATIONS AND THE FAULT."

CIRCUIT 1 = REVERSE PEAK 12KV % JUNE LAKE SUB
CIRCUIT 2 = GULL LAKE 12KV % JUNE LAKE SUB
CIRCUIT 3 = AGNEW 4KV % RUSH CREEK SUB

AREA SUBJECT TO DISPATCHERS BULLETIN NO. 322

WHEN A RED FLAG WARNING IS IN EFFECT, THE LINE OR LINE SECTION WILL NOT BE RE-ENERGIZED FOLLOWING A LOCKOUT UNTIL THE LINE OR LINE SECTION, SUBJECT TO BULLETIN 322 RESTRICTION, HAS BEEN COMPLETELY PATROLLED BETWEEN THE SOURCE STATION OR STATIONS AND THE FAULT.

FINAL DESIGN
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DISTRICT 85 -- BISHOP		PROJ. MGR. SANDOVAL, JULIE L PHONE 6266076611		PLANNER THOMPSON II, GERALD LEON PHONE 909-491-0661		DESIGNER OROZCO, MAYRA	
PROJECT NO. SERVICE REQUEST 2377354 3268279		MSR NO. GPR		PRODUCT 222008--GRID RESILIENCY		ASSOC DESIGN	
CIRCUIT / VOLTAGE REVERSE PEAK 12KV		CIRCUIT CODE 14926		PRODUCT--3		ASSOC DESIGN	
SUB J PG NO. JUNE LAKE		I.F.A. NO. E6085-4137293A		PROPOSED CONSTRUCTION (LOCATION) 2024 FIF385026 - 4PA GR CC - REVERSE PEAK 12KV			
INVENTORY MAP VARIOUS				VARIOUS LOCATIONS BISHOP, CA 93514			
B 05/05/22		KS/IDS / AR		SVG/IDS 30276			
TYPE DATE APPROVED BY		CHECKED BY		DRAWN BY		PAX #	
Southern California Edison Company							
				SHEET 1A OF 4		DESIGN/DRWG NO. 1696787__0.01	

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[illegible]

CIRCUIT 1 = REVERSE PEAK 12KV % JUNE LAKE SUB
CIRCUIT 2 = GULL LAKE 12KV % JUNE LAKE SUB
CIRCUIT 3 = AGNEW 4KV % RUSH CREEK SUB

PROJECT LOCATION

1930116E 1/O ATW

IN: 25KVA
120/240V 1PH

FD500119
(15A)

P5044393

P5018135

REA DR

130 OHMS

120/240V 1PH

2136735E

1930121E
8750421
12A CL

1930121E
8750421
12A CL

WYOMING ST

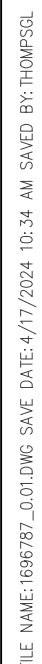
TEXAS ST

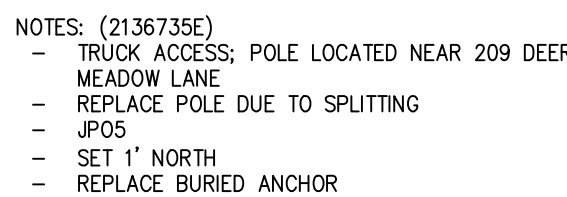
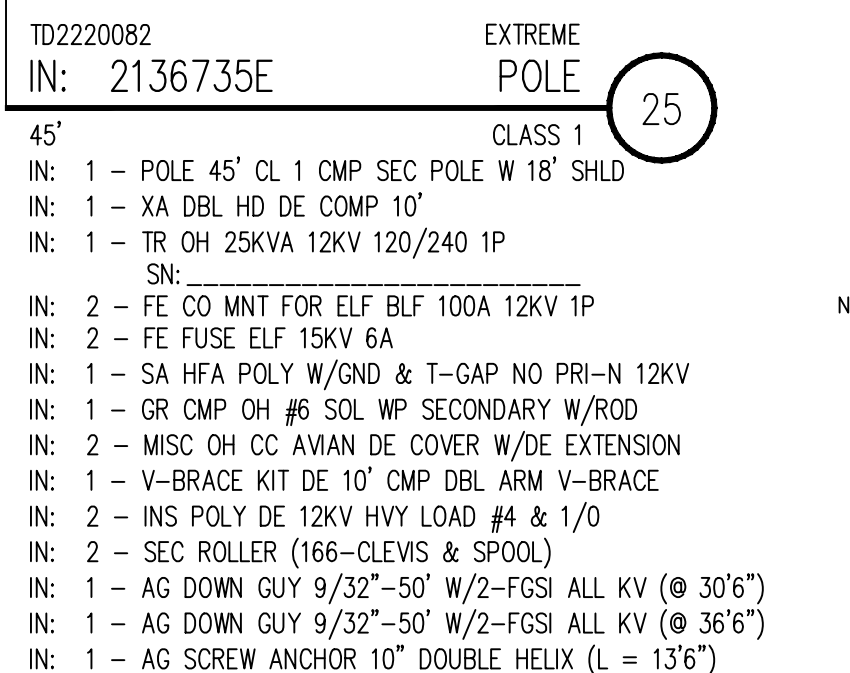
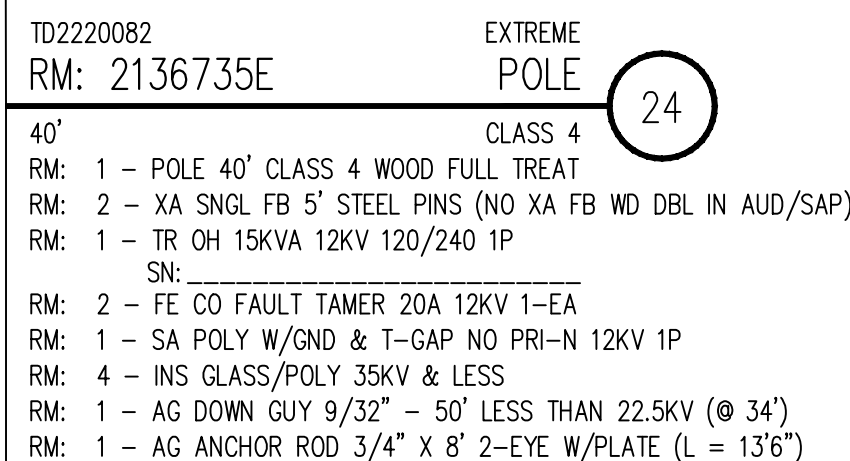
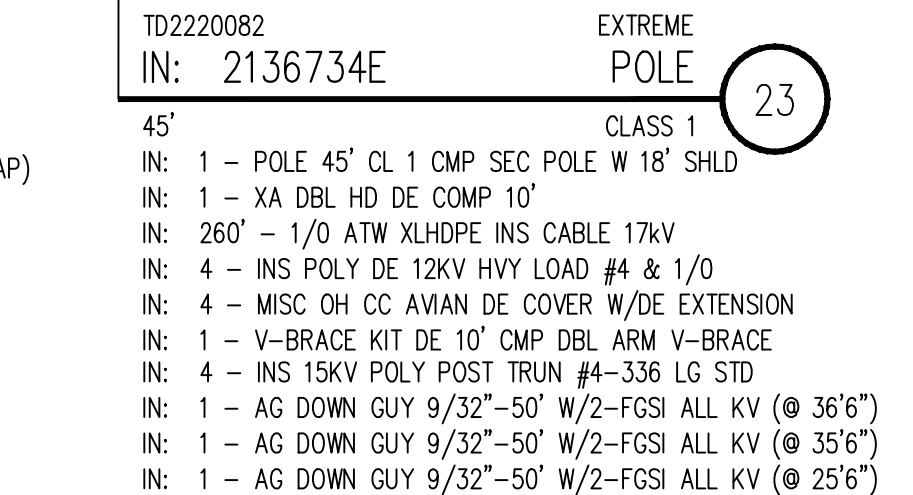
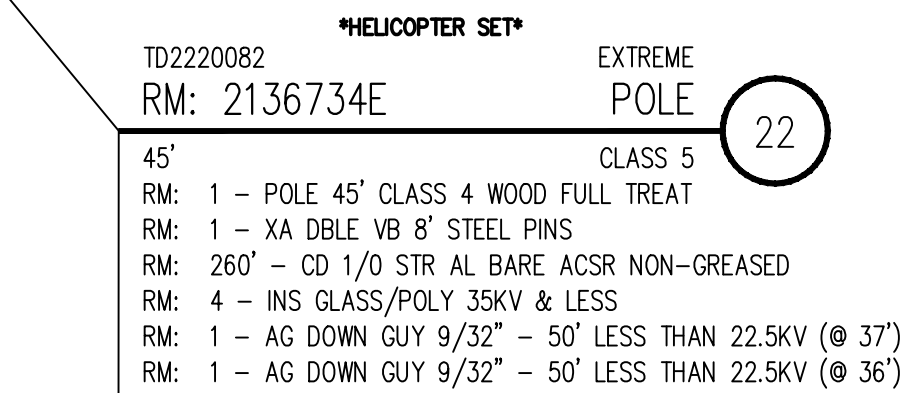
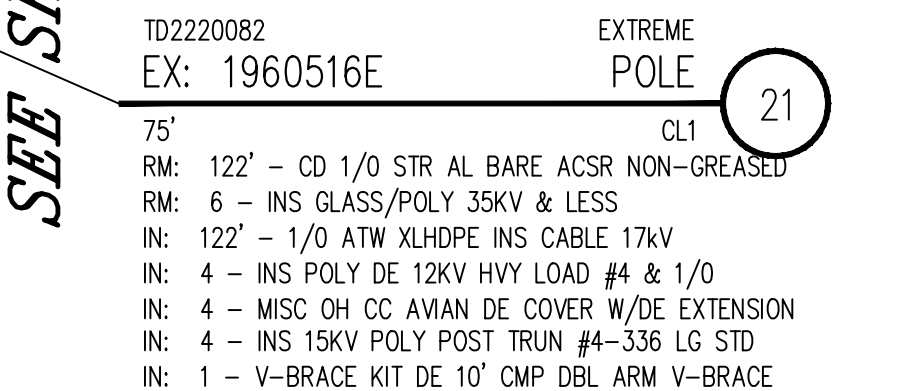
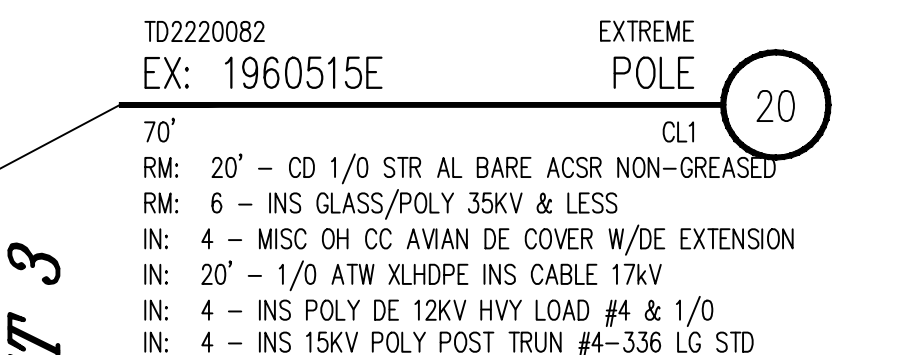
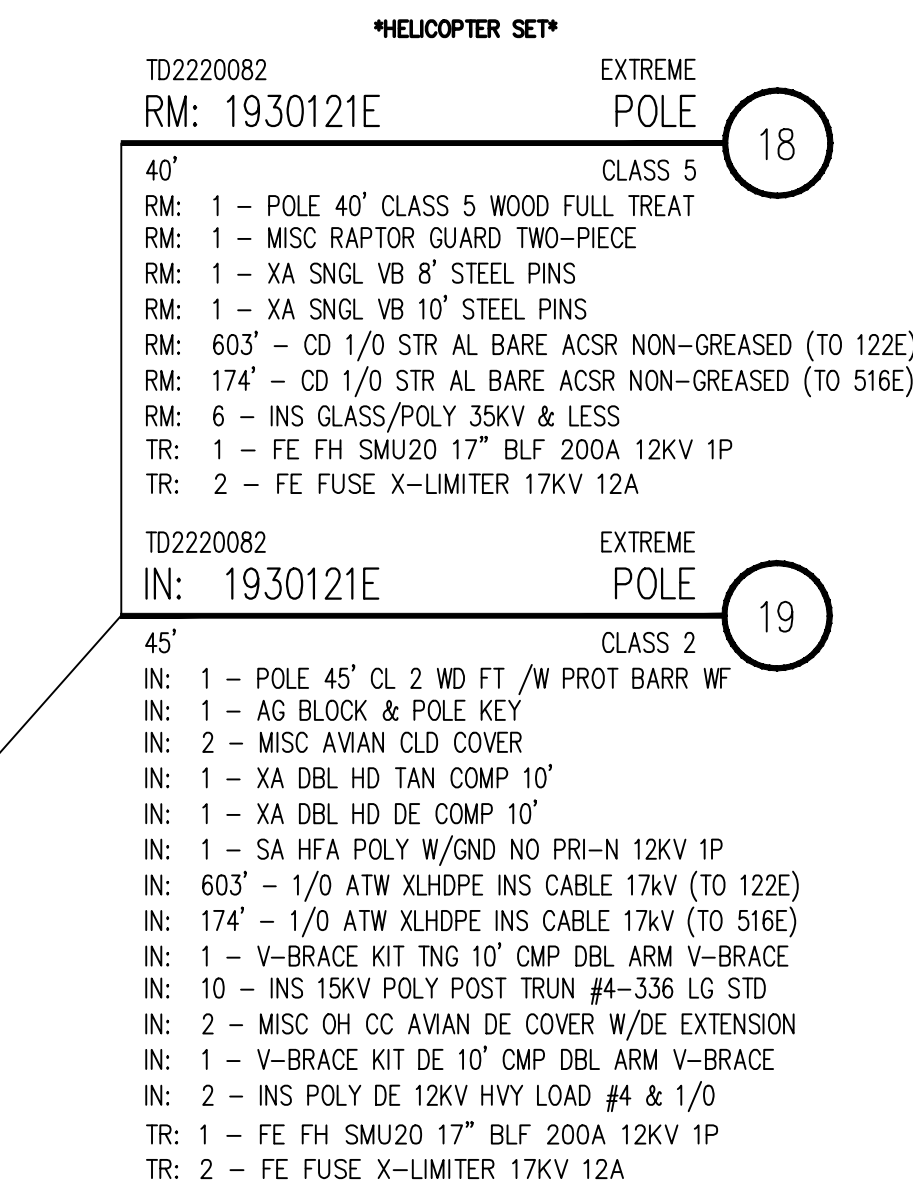
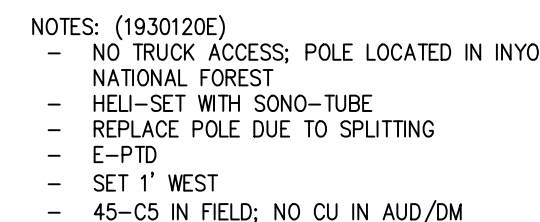
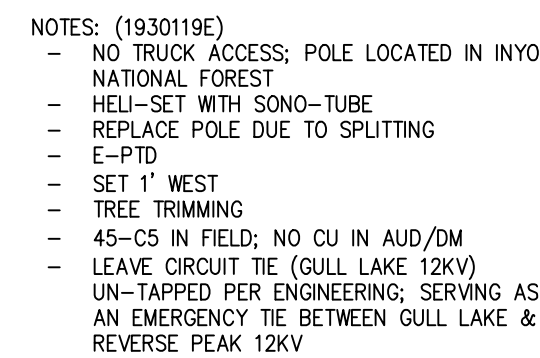
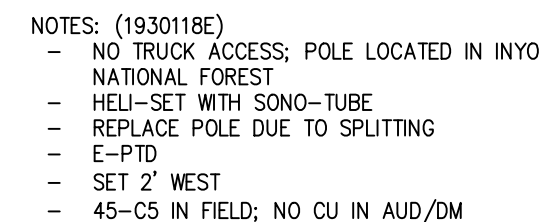
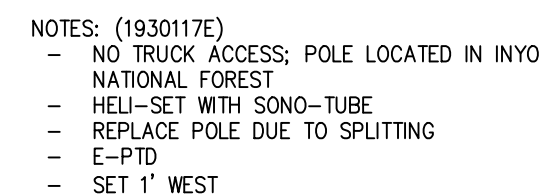
ARIZONA

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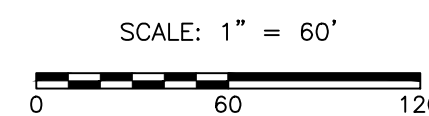




T.L.M. DATA: 2136735E				
	SIZE	KVA	CUST	% LOAD
EXIST.	<u>15</u>	<u>16.6</u>	<u>2</u>	<u>111%</u>
PROP.	<u>25</u>	<u>16.6</u>	<u>2</u>	<u>66.4%</u>
VOLTAGE DROP: <u> </u>				
FLICKER FACTOR: <u> </u>				

RELATED PRODUCT NO.'S
TD1972989
TD1972988

GRID MAP NO.'S
LB-1282-H LB-1482-C
LB-1382-G LB-1481-A
LB-1382-H LB-1482-F
LB-1381-B LB-1482-F
LB-1582-C



FINAL DESIGN
APPROVED FOR CONSTRUCTION

[illegible]

TD2220082	EXTREME
RM: 1930122ZE	POLE
40'	CLASS 1
RM: 1 - POLE 40' CLASS 5 WOOD FULL TREAT	
IN: 1 - XA DBL VB 8" STEEL PINS	
RM: 765' - CD 1/0 STR AL BARE ACSR NON-GREASED	
RM: 7 - INS GLASS/POLY 35KV & LESS	
TD2220082	EXTREME
IN: 1930122ZE	POLE
45'	CLASS 1
IN: 1 - POLE 45' CL 1 CMP SEC POLE W/ 18" SHLD	
IN: 1 - XA DBL HL TAN CMP 10'	
IN: 765' - 1/0 ATW XLHDE INS CABLE 17kv	
IN: 1 - V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE	
IN: 6 - INS 15KV POLY POST TRUN #4-336 LG STD	

TD2220082	EXTREME
IN: 1930122E	POLE
45'	CLASS 1
IN: 1 - POLE 45' CL 1 CMP SEC POLE W 18' SHLD	
IN: 1 - XA DBL HD TAN COMP 10'	
IN: 765' - 1/0 ATW XLHDPE INS CABLE 17kw	
IN: 1 - V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE	
IN: 6 - INS 15KV POLY POST TRUN #4-336 LG STD	

RM: 1930124E
 40" CLASS 5
 RM: 1 - POLE 40" CLASS 5 WOOD FULL TREAT
 RM: 1 - XA SNGL VB 8" STEEL PINS
 RM: 378 - CD 1/0 STR AL BARE ACSR NON-GREASED
 RM: 3 - INS GLASS/POLY 35KV & LESS
 TDD22082
 IN: 1930124E
 45" CLASS 1
 RM: 1 - POLE 45" CL 1 CMP SEC POLE W 18" SHLD
 RM: 1 - XA DBL HD DE COMP 10"
 RM: 378 - 1/0 ATW XLHDPE INS CABLE 17kv
 RM: 6 - INS POLY DE 12KV HYV LOAD #4 & 1/0
 RM: 6 - MISC OH CC AWAN DE COVER W/D EXTENSION
 RM: 1 - V-BRACE KIT DE 10" CMP DBL ARM V-BRACE
 RM: 6 - INS 15KV POLY POST TRUN #4 - 336 LG STD

TD2220082
IN: 1930124E
45' CLASS 1
IN: 1 - POLE 45' CL 1 CMP SEC POLE W 18' SHLD
IN: 1 - XA DBL HD DE COMP 10'
IN: 378' - 1/0 ATW XLHDP INS CABLE 17kv
IN: 6 - INS POLY DE 12KV HVY LOD #4 & 1/0
IN: 6 - MISC OH CC AWAN DE COVER W/DE EXTENSION
IN: 1 - V-BRACE KIT DE 10' CMP DBL ARM V-BRACE
IN: 6 - INS 15KV POLY POST TRUN #4-336 LG STD



TD220082	EXTREME
RM: 1930123E	POLE
40' CLASS 5	
RM: 1 - POLE 40' CLASS 5 WOOD FLAT TREAT	
RM: 1 - 1/4 DBL VB 8" STEEL PINS	
RM: 549' - CD 1/0 STR AL BARE ACSR NON-GREASED	
RM: 7 - INS GLASS/POLY 35KV & LESS	
RM: 1 - AC DOWN GUY 9/32" - 50' LESS THAN 22.5KV (@ 32'6")	
RM: 1 - AG 17" PLT W/ 1"x10" 3 EYE ROD	
TD220082	EXTREME
IN: 1930123E	POLE
45' CLASS 1	
IN: 1 - POLE 45' CL 1 CMP SEC POLE W 18" SHLD	
IN: 1 - XA DBL HD DE COMP 10'	
IN: 549' - 1/0 ATW XLHDH EPS CABLE 17KV	
IN: 6 - INS POLY DE 12KV HYD COVER #4 & 1/0	
IN: 6 - MISC OH CC AVIAN DE HOVER W/D EXTENSION	
IN: 1 - V-BRACE KIT DE 10' TRUN DBL ARM V-BRACE	
IN: 6 - INS 15KV POLY POST CRUP #4--336 LG STD	

TD2220082	EXTREME
IN: 1930123E	POLE

45' CLASS 1

IN: 1 - POLE 45' CL 1 CMP SEC POLE W 18" SHLD

IN: 1 - XA DBL HD DE COMP 10'

IN: 549' - 1/0 ATW XLHDPD INS CABLE 17kV

IN: 6 - INS POLY DE 12KV HVY LOAD #4 & 1/0

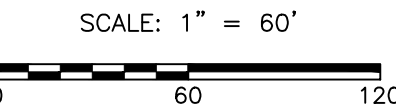
IN: 6 - MISC OH CC AWAN DE COVER W/DE EXTENSION

IN: 1 - V-BRACE KIT DE 10" CMP DBL ARM V-BRACE

IN: 6 - INS 15KV POLY POST TRUN #4-336 LG STD

RM: T2220082	EXTREME
RM: 1930125E	POLE
40"	CLASS 4
RM: 1 - POLE 40" CLASS 4 WOOD FULL TREAT	
RM: 1 - 1X 4X8 V.B 8" STEEL PINS	
RM: 609" - CD 1/0 STR AL BAR ACSR NON-GREASED	
RM: 3 - INS GLASS/POLY 35KV & LESS	
T2220082	EXTREME
IN: 1930125E	POLE
45"	CLASS 1
1 - POLE 45" CL 1 CMP SEC POLE W 18" SHLD	
1 - 1X 4X8 DLH DO COMP 10"	
609" - 1/0 ATW XLHDPH INS CABLE 17KV	
6 - INS POLY D 12KV HVY DOV #4 & 1/0	
6 - MISC OH CC AWAN DE COVER 1/0 EXTENSION	
1 - V-BRACE KIT DE 10" CMP DBL ARM V-BRACE	
6 - INS 15KV POLY POST TRUN #4-336 LG STD	

122220082
 IN: 1930125E
 45' CLASS 1
 IN: 1 - POLE 45' CL 1 CMP SEC POLE W 18' SHLD
 IN: 1 - XA DBL HD DE COMP 10'
 IN: 609' - 1/0 ATW XLHDPD INS CABLE 17kv
 IN: 6 - INS POLY DE 12KV HVY LOAD #4 & 1/0
 IN: 6 - MISC OH CC AVIAN DE COVER W/DE EXTENSION
 IN: 1 - V-BRACE KIT DE 10' CMP DBL ARM V-BRACE
 IN: 6 - INS 15KV POLY POST TRUN #4-336 LG STD



RELATED PRODUCT NO.'S
TD1972989
TD1972988

GRID MAP NO.'S
LB-1282-H LB-1482-
LB-1382-G LB-1481-
LB-1382-H LB-1482-
LB-1381-B LB-1482-
LB-1582-

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FILE NAME: 1696787_0.01.0WG SAVE DATE: 4/17/2024 10:34 AM SAVED BY: THOMPSON