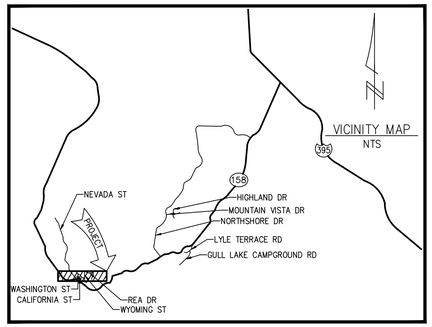

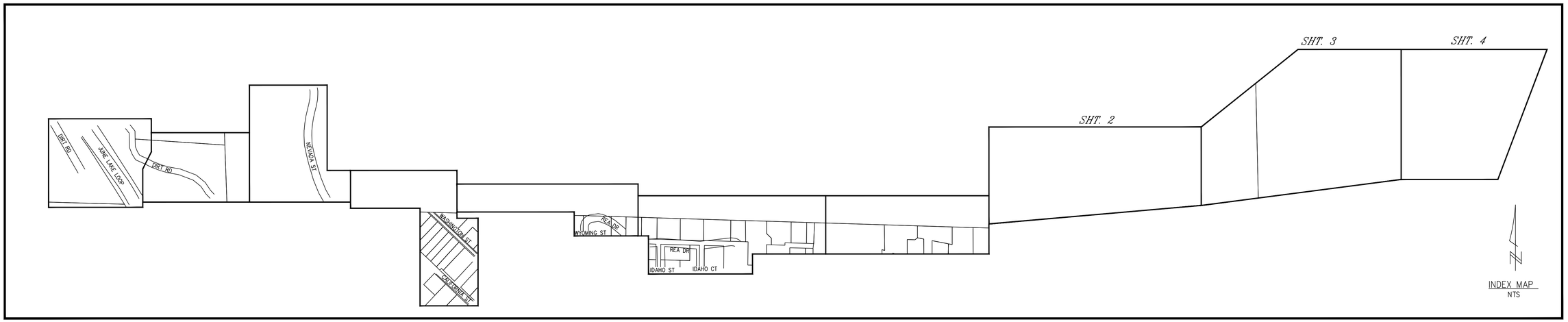

PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	N
PWRD 88 REQUIRED	N
UG CIVIL ONLY WORK ORDER	N
PERMIT REQUIRED	Y
PERMIT TYPE: ENCROACHMENT, EXCAVATION & AIR OPS	
OUTAGE REQUIRED	Y
OUTAGE DATE: _____ TIME: _____	
TRAFFIC CONTROL REQUIRED	N
PED. TRAFFIC CONTROL REQ'D	N
CONVEYANCE LETTER REQ'D	N
ENVIRONMENTAL REQUIREMENTS DOCUMENT (ERD) REQUIRED	Y
CSD 140 (TLM) REQ'D	N
CIRCUIT MAP CHANGE REQ'D (TD 203)	Y
DIG ALERT APP	☐
VERIFIED ACTIVE AND CONFIRMED USA TICKETS	☐
UTILIQUEST NOTIFIED	☐
STANDARD ADHERENCE: 01 Q/ 22 Y	

D124: Rev. 03/21/23

RELATED PRODUCT NO.'S
TD1972989
TD1972988
TD2212813
TD2220082
TD2220084
TD1967124

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

FINAL DESIGN
APPROVED FOR CONSTRUCTION

SECTIONAL COMPOSITE POLE(S) INSTALLED ON THIS WORK ORDER

D147: Rev. 05/17/21

HELICOPTER SET REQUIRED ON THIS WORK ORDER

D158: Rev. 02/08/23

** HFA PROJECT ** TIER LEVEL 2

	DOT
TOTAL PLANNED COVERED CONDUCTOR CIRCUIT MILES:	0.60

D145: Rev. 02/12/21

SURVEYED
DATE: 04/12/22

UNDERGROUND SERVICE ALERT
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www.digalert.org/contact
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Two Working Days Before You Dig

D16: Rev. 05/28/20

DATE	REVISION DESCRIPTION	APPROVED	DRAWN	CHECKED

DISTRICT 85 – BISHOP	PROJ. MGR. SANDOVAL, JULIE L PHONE 6266076611	PLANNER THOMPSON II, GERALD LEON PHONE 909-491-0661	DESIGNER OROZCO, MAYRA
PROJECT NO. 2377354 / SERVICE REQUEST 3268279	MSR NO.	PRODUCT-1 2220084–GRID RESILIENCY	ASSOC DESGN
CIRCUIT / VOLTAGE REVERSE PEAK 12KV	GPS VARIOUS	PRODUCT-2 1967124–GRID RESILIENCY	ASSOC DESGN
SUB / PG NO. JUNE LAKE	CIRCUIT CODE 14926	PRODUCT-3 2220082–GRID RESILIENCY	ASSOC DESGN
INVENTORY MAP SEE ABOVE	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) 2024 PIF#385026 – 4PA GR CC – REVERSE PEAK 12KV VARIOUS LOCATIONS BISHOP, CA 93514	

TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
B	05/05/22		KS/UDS / AR	SVG/UDS	30276

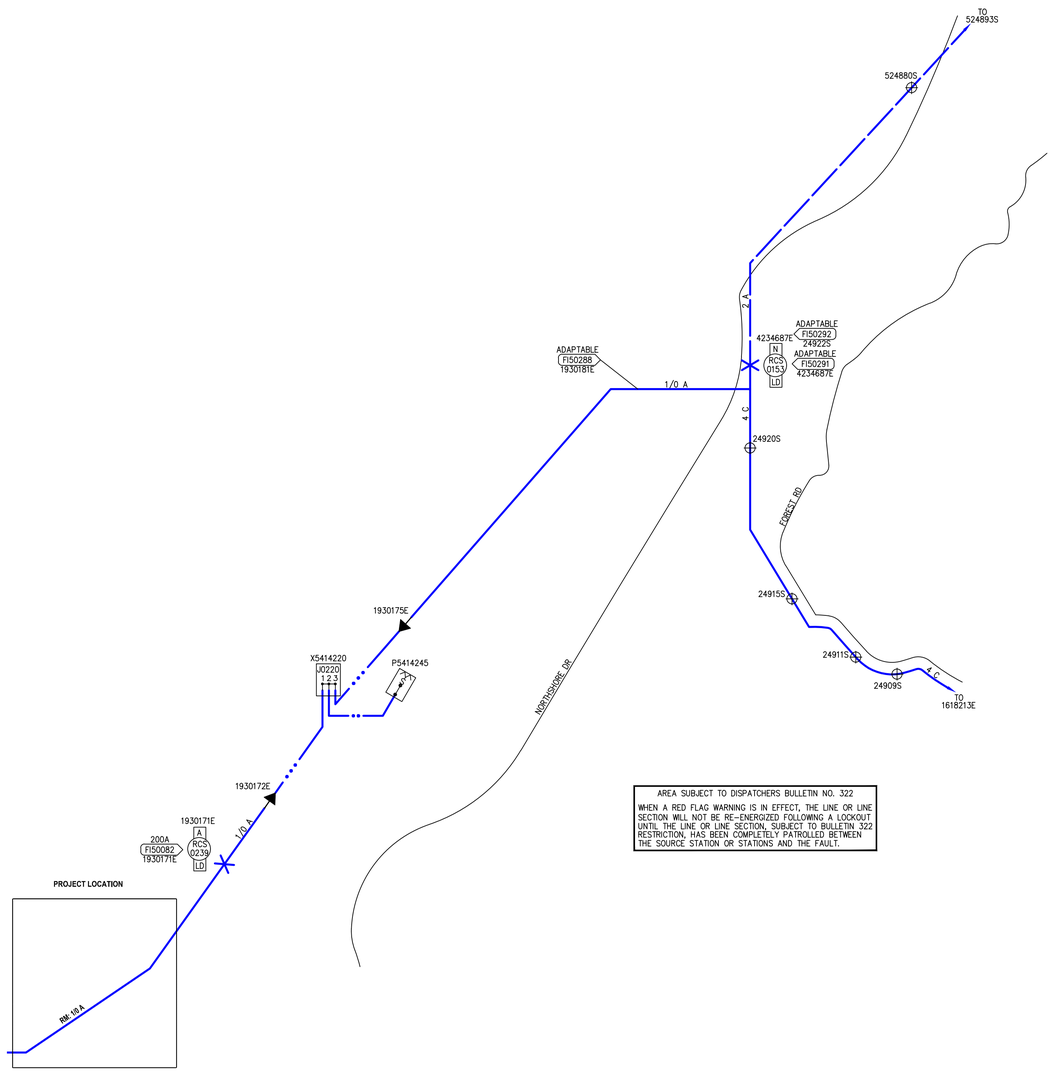
Southern California Edison Company

SHEET 1 OF 4

DESIGN\DRWG NO. 1696789_0.01

FILE NAME: 1696789_0.01.DWG SAVE DATE: 4/10/2024 10:33 AM SAVED BY: THOMPSOL

EXISTING OVERALL SINGLE LINE
REVERSE PEAK 12KV % JUNE LAKE 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.

SINGLE LINE LEGEND

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

RELATED PRODUCT NO.'S
TD1972989
TD1972998
TD2212813
TD2220082
TD2220084
TD1967124

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

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DATE	REVISION DESCRIPTION	APPROVED	DRAWN	CHECKED

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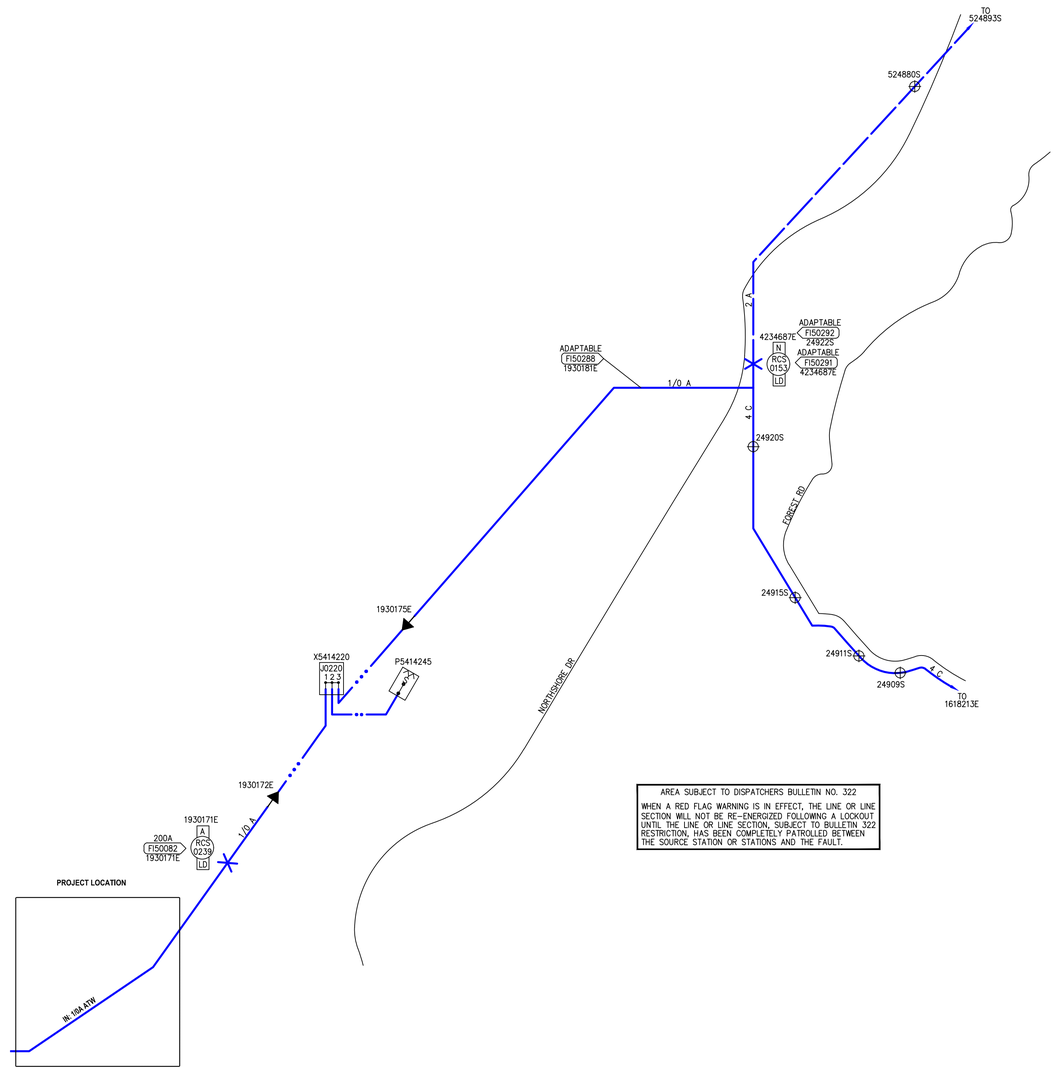
D16: Rev. 05/28/20

DISTRICT 85 – BISHOP	PROJ. MGR. SANDOVAL, JULIE L PHONE 6266076611	PLANNER THOMPSON II, GERALD LEON PHONE 909-491-0661	DESIGNER OROZCO, MAYRA
PROJECT NO. 2377354 / SERVICE REQUEST 3268279	MSR NO.	PRODUCT-1 2220084–GRID RESILIENCY	ASSOC DESGN
CIRCUIT / VOLTAGE REVERSE PEAK 12KV	GPS VARIOUS	PRODUCT-2 1967124–GRID RESILIENCY	ASSOC DESGN
SUB / PG NO. JUNE LAKE	CIRCUIT CODE 14926	PRODUCT-3 2220082–GRID RESILIENCY	ASSOC DESGN
INVENTORY MAP SEE ABOVE	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) 2024 PIF#385026 – 4PA GR CC – REVERSE PEAK 12KV VARIOUS LOCATIONS BISHOP, CA 93514	
B 05/05/22	KS/UDS / AR	SVG/UDS 30276	
TYPE / DATE / APPROVED BY	CHECKED BY	DRAWN BY	PAX #
Southern California Edison Company			SHEET 1A OF 4 / DESIGN\DRWG NO. 1696789_0.01

FILE NAME: 1696789_0.01.DWG SAVE DATE: 4/12/2024 10:33 AM SAVED BY: THOMPSGL

PROPOSED OVERALL SINGLE LINE
REVERSE PEAK 12KV % JUNE LAKE SUB



SINGLE LINE LEGEND

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

RELATED PRODUCT NO.'S

TD1972989
TD1972988
TD2212813
TD2220082
TD2220084
TD1967124

GRID MAP NO.'S

LB-1282-H
LB-1282-G
LB-1382-E
LB-1381-B
LB-1482-G
LB-1481-A
LB-1482-H
LB-1482-F
LB-1582-G

FINAL DESIGN
APPROVED FOR CONSTRUCTION

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DIG: Rev. 05/28/20

DATE	REVISION DESCRIPTION	APPROVED	DRAWN	CHECKED

DISTRICT: 85 – BISHOP	PROJ. MGR.: SANDOVAL, JULIE L, PHONE 6266076611	PLANNER: THOMPSON II, GERALD LEON, PHONE 909-491-0661	DESIGNER: OROZCO, MAYRA
PROJECT NO.: 2377354	SERVICE REQUEST: 3268279	MSR NO.:	PRODUCT-1: 2220084–GRID RESILIENCY — ASSOC DESGN
CIRCUIT / VOLTAGE: REVERSE PEAK 12KV		GPS: VARIOUS	PRODUCT-2: 1967124–GRID RESILIENCY — ASSOC DESGN
SUB / PG NO.: JUNE LAKE		CIRCUIT CODE: 14926	PRODUCT-3: 2220082–GRID RESILIENCY — ASSOC DESGN
INVENTORY MAP: SEE ABOVE		J.P.A. NO.:	PROPOSED CONSTRUCTION (LOCATION): 2024 PIF#385026 – 4PA GR CC – REVERSE PEAK 12KV; VARIOUS LOCATIONS; BISHOP, CA 93514

TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
B	05/05/22		KS/UDS / AR	SVG/UDS	30276

Southern California Edison Company

SHEET 1B OF 4

DESIGN\DRWG NO. 1696789_0.01

FILE NAME: 1696789_0.01.DWG SAVE DATE: 4/10/2024 10:33 AM SAVED BY: THOMPGIL

HELICOPTER SET

1 TD2220084 RM: 1930126E EXTREME POLE
40' CLASS 5
RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 543' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS
RM: 3 – POST INSULATOR ANGLE BRACKET
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 31')
RM: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 30'6")

2 TD2220084 IN: 1930126E EXTREME POLE
45' CLASS 1
IN: 1 – POLE 45' CL 1 CMP SEC POLE W 18' SHLD
IN: 6 – POST INSULATOR ANGLE BRACKET
IN: 1 – XA DBL HD TAN COMP 10'
IN: 543' – 1/0 ATW XLHDPE INS CABLE 17kV
IN: 1 – V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE
IN: 6 – INS 15KV POLY POST TRUN #4-336 SHT STD
IN: 1 – AG DOWN GUY 9/32"-50' W/2-FGSI ALL KV (@ 36')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 30'6")

NOTES: (1930126E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' EAST
- ANGLE 7"

HELICOPTER SET

3 TD2220084 RM: 1930127E EXTREME POLE
40' CLASS 5
RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 579' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS

4 TD2220084 IN: 1930127E EXTREME 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: 579' – 1/0 ATW XLHDPE 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

NOTES: (1930127E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' WEST
- TREE TRIMMING

HELICOPTER SET

5 TD2220084 RM: 1930128E EXTREME POLE
40' CLASS 5
RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA DBLE VB 8' STEEL PINS
RM: 582' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 7 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 32'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 33'6")

6 TD2220084 IN: 1930128E ELEVATED 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: 582' – 1/0 ATW XLHDPE 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
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 36')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 33'6")

NOTES: (1930128E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' EAST
- ANGLE 39'

HELICOPTER SET

7 TD2220084 RM: 1930129E EXTREME POLE
40' CLASS 5
RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA DBLE VB 8' STEEL PINS
RM: 783' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 7 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 32'6")
RM: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 17')

8 TD2220084 IN: 1930129E EXTREME 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: 783' – 1/0 ATW XLHDPE 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
IN: 1 – AG DOWN GUY 9/32"-50' W/2-FGSI ALL KV (@ 36'6")
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 17')

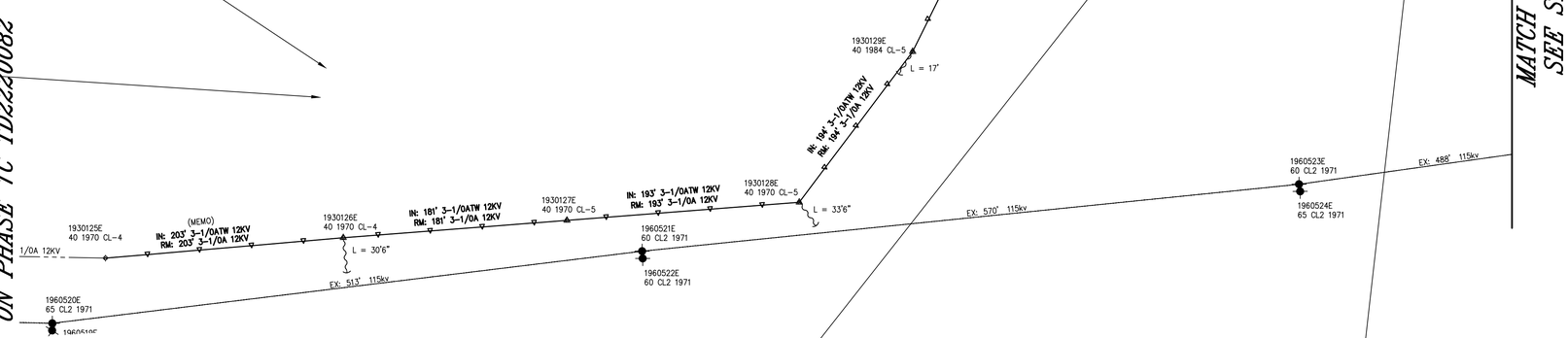
NOTES: (1930129E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' NORTHEAST
- REPLACE ANCHOR (> 18")

HELICOPTER SET

9 TD2220084 RM: 1930130E POLE
40' CLASS 5
RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 2 – XA DBLE VB 8' STEEL PINS
RM: 651' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 9 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 26'6")
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 32')
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 28'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 34'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 36'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 39')

10 TD2220084 IN: 1930130E EXTREME POLE
45' CLASS 1
IN: 1 – POLE 45' CL 1 CMP SEC POLE W 18' SHLD
IN: 2 – XA DBL HD DE COMP 10'
IN: 651' – 1/0 ATW XLHDPE INS CABLE 17kV
IN: 6 – MISC OH CC AVIAN DE COVER W/DE EXTENSION
IN: 6 – INS POLY DE 12KV HVY LOAD #4 & 1/0
IN: 2 – V-BRACE KIT DE 10' CMP DBL ARM V-BRACE
IN: 6 – INS 15KV POLY POST TRUN #4-336 LG STD
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 32')
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 31')
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 36'9")
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 39')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 34'6")
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 36'6")

NOTES: (1930130E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' SOUTHWEST
- TREE TRIMMING



HELICOPTER SET

11 TD2220084 RM: 1930131E EXTREME POLE
40' CLASS 4
RM: 1 – POLE 40' CLASS 4 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 552' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS

12 TD2220084 IN: 1930131E EXTREME 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: 552' – 1/0 ATW XLHDPE 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

NOTES: (1930131E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' WEST

NOTES: (1930132E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- SET: 2012
- AGL: 32'6"
- TREE TRIMMING

13 TD2220084 EX: 1930132E EXTREME POLE
40' CLASS 4
RM: 1 – XA SNGL VB 10' STEEL PINS
RM: 390' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS
IN: 1 – V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE
IN: 1 – XA DBL HD TAN COMP 10'
IN: 390' – 1/0 ATW XLHDPE INS CABLE 17kV
IN: 6 – INS 15KV POLY POST TRUN #4-336 LG STD

N

SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

SCALE: 1" = 60'
0 60 120

RELATED PRODUCT NO.'S
TD1972989
TD1972988
TD2212813
TD2220082
TD2220084
TD1967124

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

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DATE	REVISION DESCRIPTION	APPROVED	DRAWN	CHECKED

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OHI: Rev. 05/28/20

DISTRICT: 85 – BISHOP	PROJ. MGR.: SANDOVAL, JULIE L PHONE 6266076611	PLANNER: THOMPSON II, GERALD LEON PHONE 909-491-0661	DESIGNER: OROZCO, MAYRA
PROJECT NO.: 2377354	SERVICE REQUEST: 3268279	MSR NO.:	PRODUCT-1: 2220084–GRID RESILIENCY — ASSOC DESGN
CIRCUIT / VOLTAGE: REVERSE PEAK 12KV		GPS: VARIOUS	PRODUCT-2: 1967124–GRID RESILIENCY — ASSOC DESGN
SUB / PG NO.: JUNE LAKE		CIRCUIT CODE: 14926	PRODUCT-3: 2220082–GRID RESILIENCY — ASSOC DESGN
INVENTORY MAP: SEE ABOVE		J.P.A. NO.:	PROPOSED CONSTRUCTION (LOCATION): 2024 PIF#385026 – 4PA GR CC – REVERSE PEAK 12KV VARIOUS LOCATIONS BISHOP, CA 93514

TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
B	05/05/22		KS/UDS / AR	SVG/UDS	30276

Southern California Edison Company

SHEET 2 OF 4 — DESIGN\DRWG NO. 1696789_0.01

FILE NAME:1696789_0.01.DWG SAVE DATE:4/10/2024 10:33 AM SAVED BY:THOMPSOL

HELICOPTER SET

TD2220084 EXTREME

(14) RM: 1930133E POLE

40' CLASS 5

RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – MISC RAPTOR GUARD TWO-PIECE
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 393' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS

TD2220084 EXTREME

(15) IN: 1930133E 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: 393' – 1/0 ATW XLHDPE 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

NOTES: (1930133E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' EAST
- TREE TRIMMING

HELICOPTER SET

TD2220084 EXTREME

(16) RM: 1930134E POLE

40' CLASS 5

RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 2 – XA DBLE VB 10' STEEL PINS
RM: 609' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 8 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 27')
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 29'6")
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 31'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 21'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 26')
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 27'6")

NOTES: (1930134E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' NORTH
- TREE TRIMMING
- ANGLE 50°

TD2220084 EXTREME

(17) IN: 1930134E POLE

45' CLASS 1

IN: 1 – POLE 45' CL 1 CMP SEC POLE W 18' SHLD
IN: 2 – XA DBL HD DE COMP 10'
IN: 609' – 1/0 ATW XLHDPE 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: 2 – V-BRACE KIT DE 10' CMP DBL ARM V-BRACE
IN: 6 – INS 15KV POLY POST TRUN #4-336 LG STD
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 32')
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 31')
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 36'9")
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 27'6")
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 21'6")
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 26')

HELICOPTER SET

TD2220084

(20) RM: 1930136E POLE

40' CLASS 5

RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 525' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 30')
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 22'6")

TD2220084 EXTREME

(21) IN: 1930136E 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: 525' – 1/0 ATW XLHDPE INS CABLE 17kV
IN: 6 – POST INSULATOR ANGLE BRACKET
IN: 1 – V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE
IN: 6 – INS 15KV POLY POST TRUN #4-336 SHT STD
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 36')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 22'6")

NOTES: (1930136E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' EAST
- ANGLE 26°
- TREE TRIMMING

NOTES: (1930137E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' EAST
- WOOD POLE DUE TO BBK
- ANGLE 2°

HELICOPTER SET

TD2220084 EXTREME

(22) RM: 1930137E POLE

40' CLASS 5

RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 561' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS

TD2220084 EXTREME

(23) IN: 1930137E POLE

45' CLASS 2

IN: 1 – POLE 45' CL 2 WD FT /W PROT BARR WF
IN: 1 – AG BLOCK & POLE KEY
IN: 1 – XA DBL HD TAN COMP 10'
IN: 561' – 1/0 ATW XLHDPE INS CABLE 17kV
IN: 6 – POST INSULATOR ANGLE BRACKET
IN: 1 – V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE
IN: 6 – INS 15KV POLY POST TRUN #4-336 SHT STD

HELICOPTER SET

TD2220084 EXTREME

(24) RM: 1930138E POLE

40' CLASS 5

RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 2 – XA DBLE VB 10' STEEL PINS
RM: 450' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 8 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 30'6")
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 29')
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 32')
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 29'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 30')
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 24')

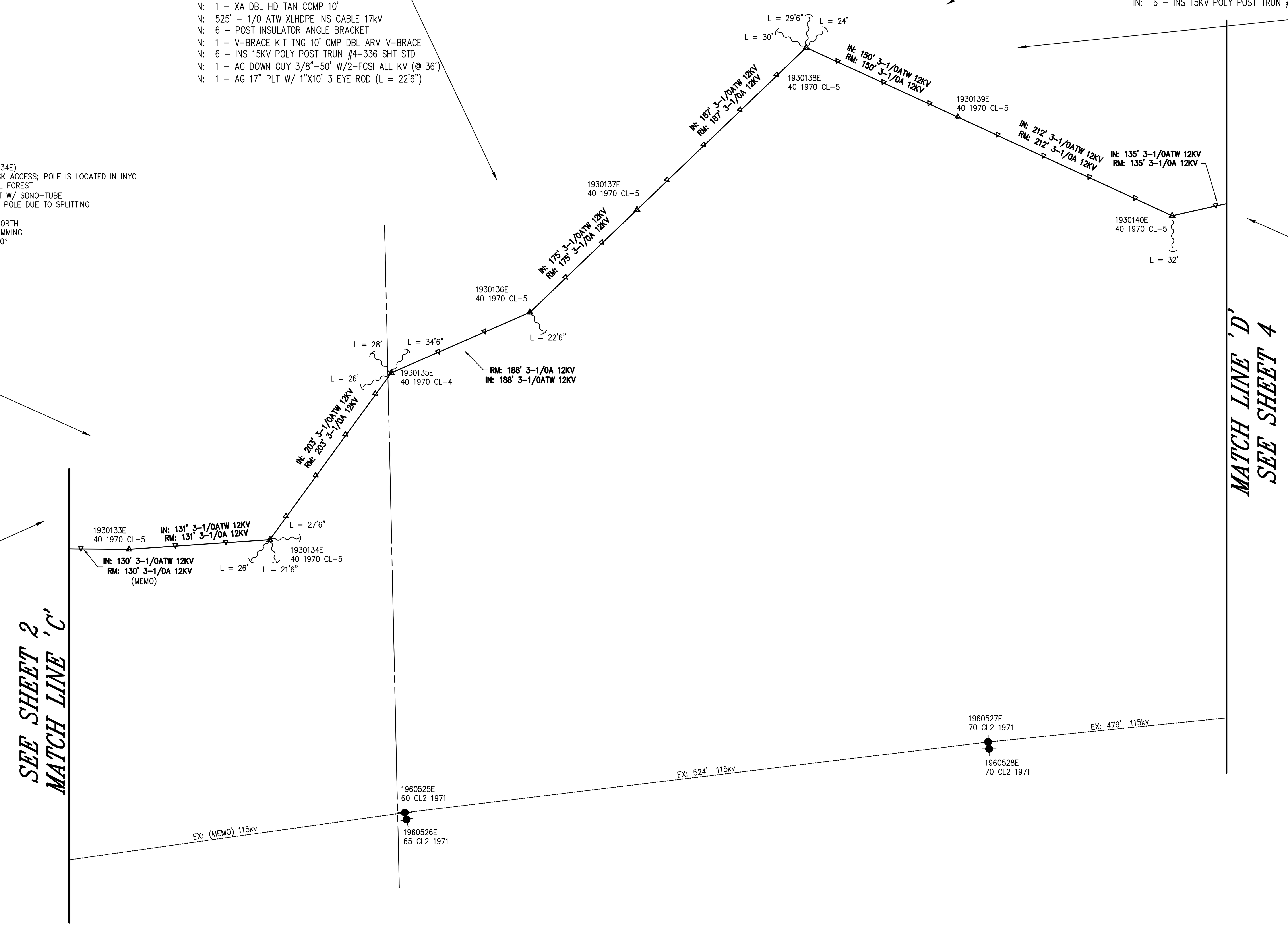
TD2220084 ELEVATED

(25) IN: 1930138E POLE

45' CLASS 1

IN: 1 – POLE 45' CL 1 CMP SEC POLE W 18' SHLD
IN: 2 – XA DBL HD DE COMP 10'
IN: 450' – 1/0 ATW XLHDPE 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: 2 – V-BRACE KIT DE 10' CMP DBL ARM V-BRACE
IN: 6 – INS 15KV POLY POST TRUN #4-336 LG STD
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 36'9")
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 31')
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 32')
IN: 1 – AG 3/4" DIA x 30" ROCK ANCHOR W/ GROUT (L = 24')
IN: 1 – AG 3/4" DIA x 30" ROCK ANCHOR W/ GROUT (L = 29'6")
IN: 1 – AG 3/4" DIA x 30" ROCK ANCHOR W/ GROUT (L = 30')

NOTES: (1930138E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' SOUTH
- ANGLE 61°
- TREE TRIMMING



HELICOPTER SET

TD2220084 EXTREME

(26) RM: 1930139E POLE

40' CLASS 5

RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 636' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS

TD2220084 EXTREME

(27) IN: 1930139E 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: 636' – 1/0 ATW XLHDPE 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

NOTES: (1930139E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' EAST

HELICOPTER SET

TD2220084 EXTREME

(28) RM: 1930140E POLE

40' CLASS 5

RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 405' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 32'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 32')

TD2220084 EXTREME

(29) IN: 1930140E 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: 405' – 1/0 ATW XLHDPE 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
IN: 1 – AG DOWN GUY 9/32"-50' W/2-FGSI ALL KV (@ 36')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 32')

NOTES: (1930140E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' WEST
- ANGLE 35°
- TREE TRIMMING

HELICOPTER SET

TD2220084

(18) RM: 1930135E POLE

40' CLASS 5

RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA DBLE VB 8' STEEL PINS
RM: 564' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 7 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 31')
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 31'6")
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 30'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 34'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 26')
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 28')

TD2220084 EXTREME

(19) IN: 1930135E 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: 564' – 1/0 ATW XLHDPE 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
IN: 2 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 36'6")
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 35'6")
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 26')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 28')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 34'6")

NOTES: (1930135E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' SOUTH
- ANGLE 40°
- TREE TRIMMING

RELATED PRODUCT NO.'S
TD1972989
TD1972988
TD2212813
TD2220082
TD2220084
TD1967124

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

N

SOUTHERN CALIFORNIA EDISON
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SCALE: 1" = 60'
0 60 120

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D16: Rev. 05/28/20

DATE	REVISION DESCRIPTION	APPROVED	DRAWN	CHECKED

DISTRICT 85 – BISHOP	PROJ. MGR. SANDOVAL, JULIE L PHONE 6266076611	PLANNER THOMPSON II, GERALD LEON PHONE 909-491-0661	DESIGNER OROZCO, MAYRA
PROJECT NO. 2377354 / SERVICE REQUEST 3268279	MSR NO.	PRODUCT-1 2220084-GRID RESILIENCY	ASSOC DESGN
CIRCUIT / VOLTAGE REVERSE PEAK 12KV	GPS VARIOUS	PRODUCT-2 1967124-GRID RESILIENCY	ASSOC DESGN
SUB / PG NO. JUNE LAKE	CIRCUIT CODE 14926	PRODUCT-3 2220082-GRID RESILIENCY	ASSOC DESGN
INVENTORY MAP SEE ABOVE	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION) 2024 PIF#385026 – 4PA GR CC – REVERSE PEAK 12KV VARIOUS LOCATIONS BISHOP, CA 93514	

TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
B	05/05/22		KS/UDS / AR	SVG/UDS	30276

SHEET 3 OF 4 — DESIGN\DRWG NO. 1696789_0.01

Southern California Edison Company

FILE NAME:1696789_0.01.DWG SAVE DATE:4/10/2024 10:33 AM SAVED BY: THOMPSGL

HELICOPTER SET

TD2220084 EXTREME
RM: 1930141E POLE
(30)
40' CLASS 5
RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 360' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 33')
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 18')

NOTES: (1930141E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' WEST
- ANGLE 1°
- TREE TRIMMING

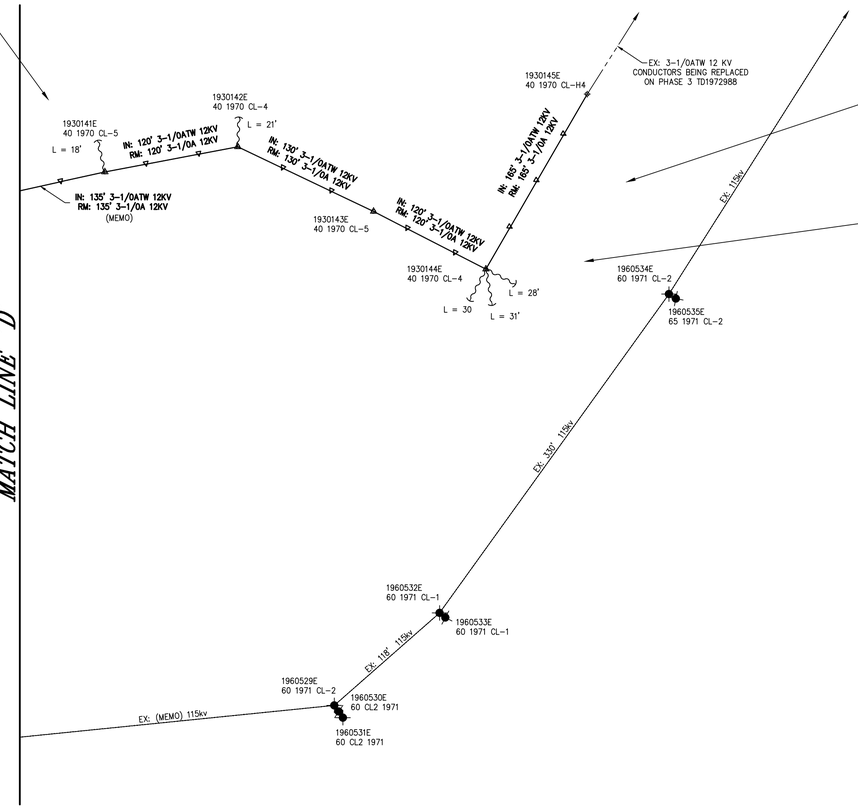
TD2220084 EXTREME
IN: 1930141E POLE
(31)
45' CLASS 1
IN: 1 – POLE 45' CL 1 CMP SEC POLE W 18' SHLD
IN: 1 – XA DBL HD TAN COMP 10'
IN: 360' – 1/0 ATW XLHDPE INS CABLE 17kV
IN: 6 – POST INSULATOR ANGLE BRACKET
IN: 1 – V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE
IN: 6 – INS 15KV POLY POST TRUN #4-336 SHT STD
IN: 1 – AG DOWN GUY 9/32"-50' W/2-FGSI ALL KV (@ 36')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 18')

HELICOPTER SET

TD2220084 EXTREME
RM: 1930142E POLE
(32)
40' CLASS 5
RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 390' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV (@ 32')
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 21')

NOTES: (1930142E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' EAST
- ANGLE 36°
- TREE TRIMMING

TD2220084 EXTREME
IN: 1930142E POLE
(33)
45' CLASS 1
IN: 1 – POLE 45' CL 1 CMP SEC POLE W 18' SHLD
IN: 1 – XA DBL HD TAN COMP 10'
IN: 390' – 1/0 ATW XLHDPE INS CABLE 17kV
IN: 6 – POST INSULATOR ANGLE BRACKET
IN: 1 – V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE
IN: 6 – INS 15KV POLY POST TRUN #4-336 SHT STD
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 36')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 21')



HELICOPTER SET

TD2220084 EXTREME
RM: 1930143E POLE
(34)
40' CLASS 5
RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 1 – XA SNGL VB 8' STEEL PINS
RM: 360' – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 3 – INS GLASS/POLY 35KV & LESS

NOTES: (1930143E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' WEST

TD2220084 EXTREME
IN: 1930143E POLE
(35)
45' CLASS 1
IN: 1 – POLE 45' CL 1 CMP SEC POLE W 18' SHLD
IN: 1 – XA DBL HD TAN COMP 10'
IN: 360' – 1/0 ATW XLHDPE 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

HELICOPTER SET

TD2220084 POLE
RM: 1930144E
(36)
40' CLASS 5
RM: 1 – POLE 40' CLASS 5 WOOD FULL TREAT
RM: 2 – XA DBLE VB 10' STEEL PINS
RM: 495" – CD 1/0 STR AL BARE ACSR NON-GREASED
RM: 7 – INS GLASS/POLY 35KV & LESS
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 28')
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 32'6")
RM: 1 – AG DOWN GUY 3/8" – 50' LESS THAN 22.5KV (@ 29'6")
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 31')
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 30')
RM: 1 – AG ANCHOR ROD 3/4" X 8' 2-EYE W/PLATE (L = 28')

NOTES: (1930144E)
- NO TRUCK ACCESS; POLE IS LOCATED IN INYO NATIONAL FOREST
- HELI-SET W/ SONO-TUBE
- REPLACE POLE DUE TO SPLITTING
- E-PTD
- SET 1' NORTHWEST
- TREE TRIMMING

TD2220084 EXTREME
IN: 1930144E POLE
(37)
45' CLASS 1
IN: 1 – POLE 45' CL 1 CMP SEC POLE W 18' SHLD
IN: 2 – XA DBL HD DE COMP 10'
IN: 495' – 1/0 ATW XLHDPE 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: 2 – V-BRACE KIT DE 10' CMP DBL ARM V-BRACE
IN: 6 – INS 15KV POLY POST TRUN #4-336 LG STD
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 36'9")
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 31')
IN: 1 – AG DOWN GUY 3/8"-50' W/2-FGSI ALL KV (@ 32')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 28')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 31')
IN: 1 – AG 17" PLT W/ 1"X10' 3 EYE ROD (L = 30')

SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

SCALE: 1" = 60'
0 60 120

RELATED PRODUCT NO.'S
TD1972989
TD1972988
TD2212813
TD2220082
TD2220084
TD1967124

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

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DATE	REVISION DESCRIPTION	APPROVED	DRAWN	CHECKED

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DIG: Rev. 05/28/20

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	MSR NO.	PRODUCT-1	ASSOC DESGN
2377354	3268279		2220084–GRID RESILIENCY	
CIRCUIT / VOLTAGE: REVERSE PEAK 12KV		QPS: VARIOUS	PRODUCT-2: 1967124–GRID RESILIENCY	ASSOC DESGN
SUB / PG NO.: JUNE LAKE		CIRCUIT CODE: 14926	PRODUCT-3: 2220082–GRID RESILIENCY	ASSOC DESGN

INVENTORY MAP: SEE ABOVE
J.P.A. NO.:
PROPOSED CONSTRUCTION (LOCATION):
2024 PIF #385026 – 4PA GR CC – REVERSE PEAK 12KV
VARIOUS LOCATIONS
BISHOP, CA 93514

TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
B	05/05/22		KS/UDS / AR	SVG/UDS	30276

Southern California Edison Company

SHEET 4 OF 4
DESIGN\DRWG NO. 1696789_0.01

FILE NAME: 1696789_0.01.DWG SAVE DATE: 4/10/2024 10:33 AM SAVED BY: THOMPSGL