GPS:
LAT: 37° 5' 50"
LONG: -119° 17' 25"
ELEV: 5651'

NOTES:
-REPLACE DUE TO RECONDUCTOR
-E TO PTD
-HELICOPTER SET REQ'D
-1KVA XFMR TO BE TRANSFERRED
NO CU AVAILABLE
-CREW TO DE FOR BULLING SPAN PURPOSES

7

TD2124968 EXTREME
RM: 4696019E POLE

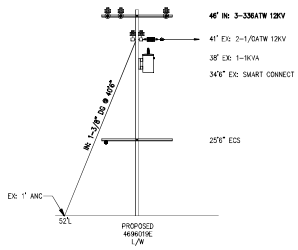
55'(2007)(INSP. 2017) CLASS 1
RM: 1 – POLE 55' CLASS 1 WOOD FULL TREAT
RM: 1 – SEC ROLLER (166–CLEVIS & SPOOL)
RM: 1 – XA SNGL DE HD COMP 10' W/BKT
RM: 1 – XA SNGL FB 10' STEEL PINS
RM: 870' – CD 336 STR AL BARE ACSR NON-GREASED (TO 1178E)
RM: 6 – INS GLASS/POLY 35KV & LESS
RM: 2 – AG DOWN GUY 9/32" – 50' LESS THAN 22.5KV
TR: 1 – SMART CONNECT
TR: 1 – 1KVA XFMR
TR: 412' – 1/0ATW XLHDPE INS CABLE 17KV (TO 9850E)

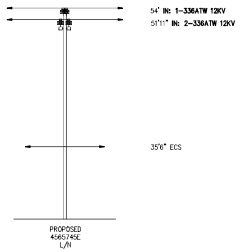
NOTES:
-HARD SET WEST

8

TD2124968 EXTREME
IN: 4696019E POLE

55' FR CMP CLASS 1
IN: 1 – POLE 55' CL 1 RS COMP SEC W 25' SHIELD
IN: 8 – KADDAS WILDLIFE CVD CND DEAD END COVER
IN: 1 – V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE
IN: 1 – V-BRACE KIT DE 10' CMP DBL ARM V-BRACE
IN: 1 – XA DBL HD TAN COMP 10'
IN: 1 – XA DBL HD DE COMP 10'
IN: 870' – 336 ATW XLHDPE INS CABLE 17kV (TO 1178E)
IN: 8 – INS 15KV POLY POST VERT CLMP TOP LG STD
IN: 6 – INS POLY DE 12KV HVY LOAD #4 & 1/0
IN: 2 – INS POLY DE 12KV HVY LOAD #4 & 1/0
IN: 1 – AG DOWN GUY 3/8"–50' W/2–FGSI ALL KV





GPS:
LAT: 37° 5' 49"
LONG: -119° 17' 20"
ELEV: 5630'

NOTES:
-NO PM REQ'D DUE TO COMP POLE
-CREW TO REUSE AND RAISE COMP
XARM W/V-BRACE

TD2124968 EXTREME
EX: 4565745E POLE

60'(2005)(INSP. N/A) COMP CLASS 1
RM: 639' – CD 336 STR AL BARE ACSR NON-GREASED (TO 6022E)
RM: 4 – INS GLASS/POLY 35KV & LESS
IN: 639' – 336 ATW XLHDPE INS CABLE 17kV (TO 6022E)
IN: 2 – INS 46KV POLY POST VERT CLMP TOP SHT STD
IN: 4 – INS 15KV POLY POST VERT CLMP TOP LG STD
IN: 2 – RIDGE PIN BRACKET

4

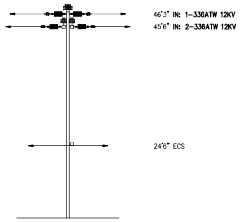
GPS:
LAT: 37° 5' 49.47"
LONG: -119° 17' 10.01"
ELEV: 5623'

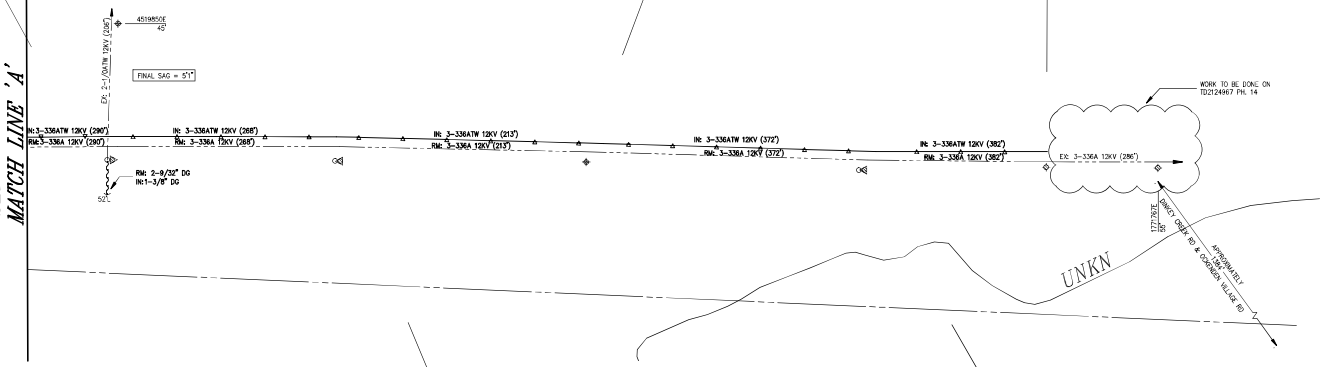
NOTES:
-NO PM REQ'D DUE TO POLE
BEING SET WITHIN 15 YEARS

TD2124968 EXTREME
EX: 1771766E POLE

55'(2017)(INSP. N/A) CLASS 2
RM: 1 – XA DBLE VB 10' STEEL PINS
RM: 1146' – CD 336 STR AL BARE ACSR NON-GREASED (TO 2471E)
RM: 3 – INS GLASS/POLY 35KV & LESS
IN: 6 – KADDAS WILDLIFE CVD CND DEAD END COVER
IN: 1 – V-BRACE KIT DE 10' CMP DBL ARM V-BRACE
IN: 1146' – 336 ATW XLHDPE INS CABLE 17kV (TO 2471E)
IN: 2 – INS 46KV POLY POST VERT CLMP TOP SHT STD
IN: 6 – INS POLY DE 12KV HVY LOAD 336 ACSR
IN: 4 – INS 15KV POLY POST VERT CLMP TOP LG STD
IN: 2 – RIDGE PIN BRACKET

1





GPS:
LAT: 37° 5' 50"
LONG: -119° 17' 22"
ELEV: 5642'

NOTES:
-REPLACE DUE TO RECONDUCTOR
-E TO PTD
-HELICOPTER SET REQ'D

TD2124968 EXTREME
RM: 4696022E POLE

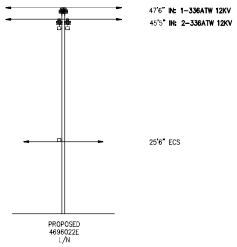
50'(2007)(INSP. 2017) CLASS 1
RM: 1 – POLE 50' CLASS 1 WOOD FULL TREAT
RM: 1 – XA SNGL V8 10' STEEL PINS
RM: 804' – CD 336 STR AL BARE ACSR NON-GREASED (TO 6019E)
RM: 3 – INS GLASS/POLY 35KV & LESS
TR: 1 – 5' XARM (ECS)

NOTES:
-HARD SET WEST

TD2124968 EXTREME
IN: 4696022E POLE

55' FR CLASS 1
IN: 1 – POLE 55' CL 1 WD FT /W PROT BARR WF
IN: 1 – V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE
IN: 804' – 336 ATW XLHDPE INS CABLE 17kV (TO 6019E)
IN: 4 – INS 15KV POLY POST VERT CLMP TOP LG STD
IN: 2 – INS 46KV POLY POST VERT CLMP TOP SHT STD
IN: 2 – RIDGE PIN BRACKET

6



GPS:
LAT: 37° 5' 50"
LONG: -119° 17' 15"
ELEV: 5620'

NOTES:
-REPLACE POLE DUE TO RECONDUCTOR
-E TO PTD
-HELICOPTER SET REQ'D

TD2124968 EXTREME
RM: 4322471E POLE

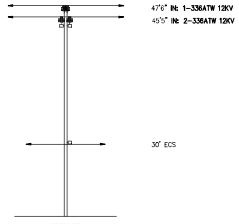
55'(2002)(INSP. N/A) COMP CLASS 2
RM: 1 – POLE 55' CLASS 2 COMPOSITE NO HOLES
RM: 1 – XA DBL HD TAN COMP 10'
RM: 1116' – CD 336 STR AL BARE ACSR NON-GREASED (TO 4745E)
RM: 4 – INS GLASS/POLY 35KV & LESS
TR: 1 – ECS

NOTES:
-HARD SET WEST

TD2124968 EXTREME
IN: 4322471E POLE

55' FR CLASS H2
IN: 1 – POLE 55' CL H2 WD FT /W PROT BARR WF
IN: 1 – V-BRACE KIT TNG 10' CMP DBL ARM V-BRACE
IN: 1 – XA DBL HD TAN COMP 10'
IN: 1116' – 336 ATW XLHDPE INS CABLE 17kV (TO 4745E)
IN: 2 – INS 46KV POLY POST VERT CLMP TOP SHT STD
IN: 4 – INS 15KV POLY POST VERT CLMP TOP LG STD
IN: 2 – RIDGE PIN BRACKET

3



RULLING SPAN CALC – 1771766E TO 4696019E – HEAVY LOADING	
MAXIMUM SPAN	=382'
AVERAGE SPAN	=309'
RULLING SPAN	=358'
336ATW 12KV SAG @ 130	=12'2"

RULLING SPAN CALC – 4696019E TO 1771757E – HEAVY LOADING	
MAXIMUM SPAN	=290'
AVERAGE SPAN	=275'
RULLING SPAN	=285'
336ATW 12KV SAG @ 130	=7'11"

UNDERGROUND SERVICE ALERT
Contact USA
Dial 811 or 800-4224133
www.digalert.org/contact
For Underground Locating
Two Working Days Before You Dig
DTR: Rev. 05/28/20

GRID MAP NO.'S
KB-9508-G
KB-9508-H
KB-9608-G
KB-9608-H

NOT TO SCALE

SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

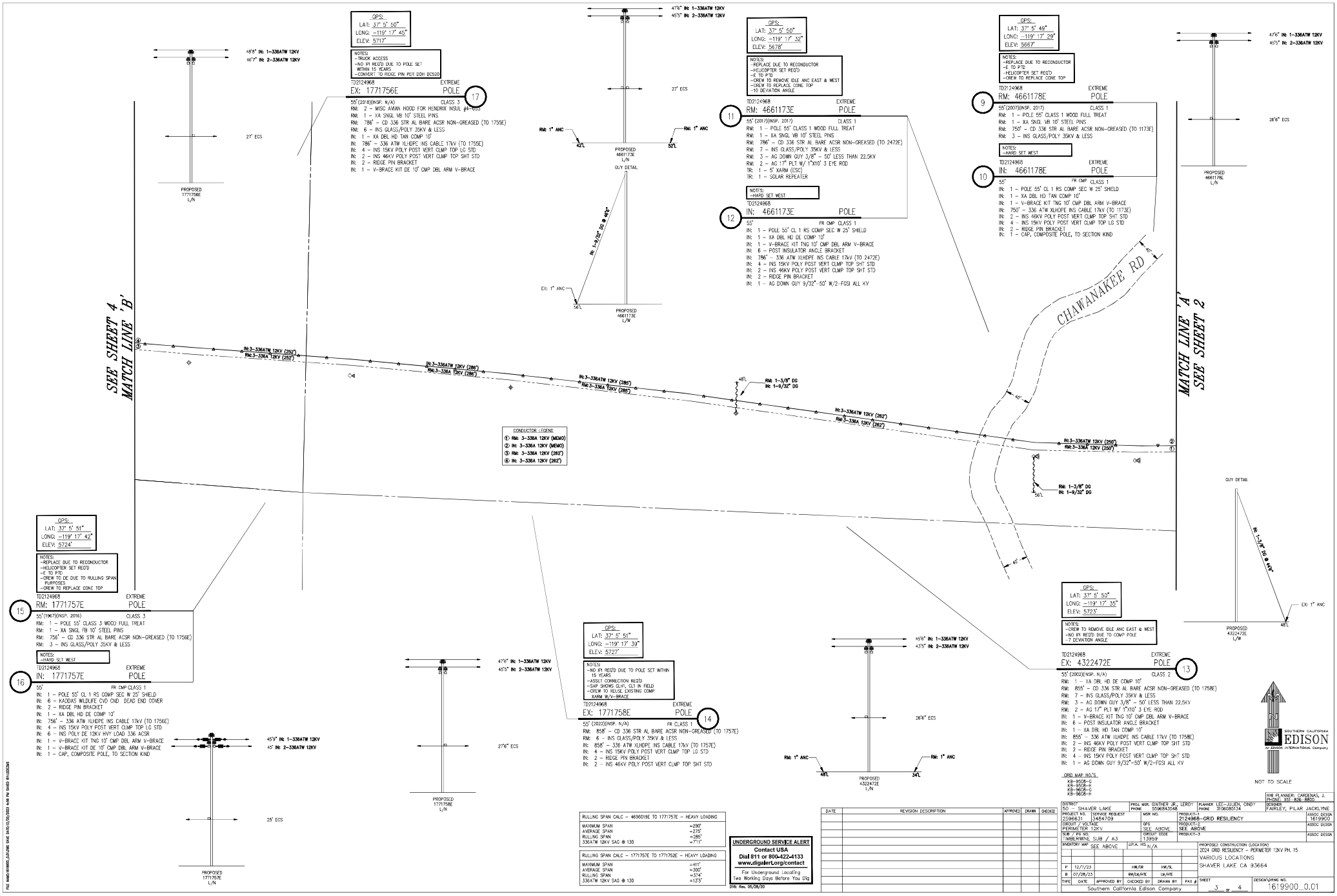
DATE	REVISION DESCRIPTION	APPROVED	DRAWN	CHECKED

DISTRICT: 50 – SHAVER LAKE	PROJ. MGR. GUNTHER JR., LEROY PHONE 5596843548	PLANNER LEE–JULIEN, CINDY PHONE 3136085134		HHI PLANNER: CARDENAS, J. PHONE: 951-926-6800
PROJECT NO. 2596831	SERVICE REQUEST 3454709	MSR NO.	PRODUCT-1 2124968–GRID RESILIENCY	DESIGNER FAIRLEY, PILAR JACKLYNE
CIRCUIT / VOLTAGE PERIMETER 12KV		GPS SEE ABOVE	PRODUCT-2 SEE ABOVE	ASSOC DESIGN 1619900
SUB / PG NO. TIMBERWINE SUB / A3		CIRCUIT CODE 15959	PRODUCT-3	ASSOC DESIGN
INVENTORY MAP SEE ABOVE		J.P.A. NO. N/A	PROPOSED CONSTRUCTION (LOCATION) 2024 GRID RESILIENCY – PERIMETER 12KV PH. 15 VARIOUS LOCATIONS SHAVER LAKE CA 93664	ASSOC DESIGN

TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAK #	SHEET	DESIGN\DRWG NO.
P	12/7/23		HW/DR	HW/SL		2 OF 4	1619900_0.01
B	07/28/23		BW/LM/KTE	LM/KTE			

Southern California Edison Company

FILE NAME:1619900_2_DRAWG SAVE DATE:12/28/2023 9:13 PM SAVED BY:LEE2C3E



RULLING SPAN CALC – 4696019E TO 1771757E – HEAVY LOADING	
MAXIMUM SPAN	=290'
AVERAGE SPAN	=275'
RULLING SPAN	=285'
336ATW 12KV SAG @ 130	=711'

RULLING SPAN CALC – 1771757E TO 1771758E – HEAVY LOADING	
MAXIMUM SPAN	=411'
AVERAGE SPAN	=300'
RULLING SPAN	=374'
336ATW 12KV SAG @ 130	=13'5"

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DTR: Rev. 05/28/20

DATE	REVISION DESCRIPTION	APPROVED	DRAWN	CHECKED

DISTRICT 50 – SHAVER LAKE	PROJ. MGR. GINTHER JR., LEROY PHONE 5596843548	PLANNER LEE-JULIEN, CINDY PHONE 3106085134	HHI PLANNER: CARDENAS, J. PHONE: 951-926-8800 DESIGNER: FAIRLEY, PILAR JACKLYNE
PROJECT NO. 2596831	SERVICE REQUEST 3454709	MSR NO.	PRODUCT-1 2124968–GRID RESILIENCY
CIRCUIT / VOLTAGE PERIMETER 12KV	GPS SEE ABOVE	PRODUCT-2 SEE ABOVE	ASSOC DESIGN 1619900
SUB / PG NO. TIMBERWINE SUB / A3	CIRCUIT CODE 1.5959	PRODUCT-3	ASSOC DESIGN
INVENTORY MAP SEE ABOVE	J.P.A. NO. N/A		ASSOC DESIGN

TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAK #
F	12/7/23		HW/DR	HW/SL	
B	07/28/23		BW/JM/KTE	LM/KTE	

Southern California Edison Company

PROPOSED CONSTRUCTION (LOCATION)
2024 GRID RESILIENCY – PERIMETER 12KV PH. 15
VARIOUS LOCATIONS
SHAVER LAKE CA 93664

SHEET 3 OF 4

DESIGN\DRWG NO. 1619900_0.01

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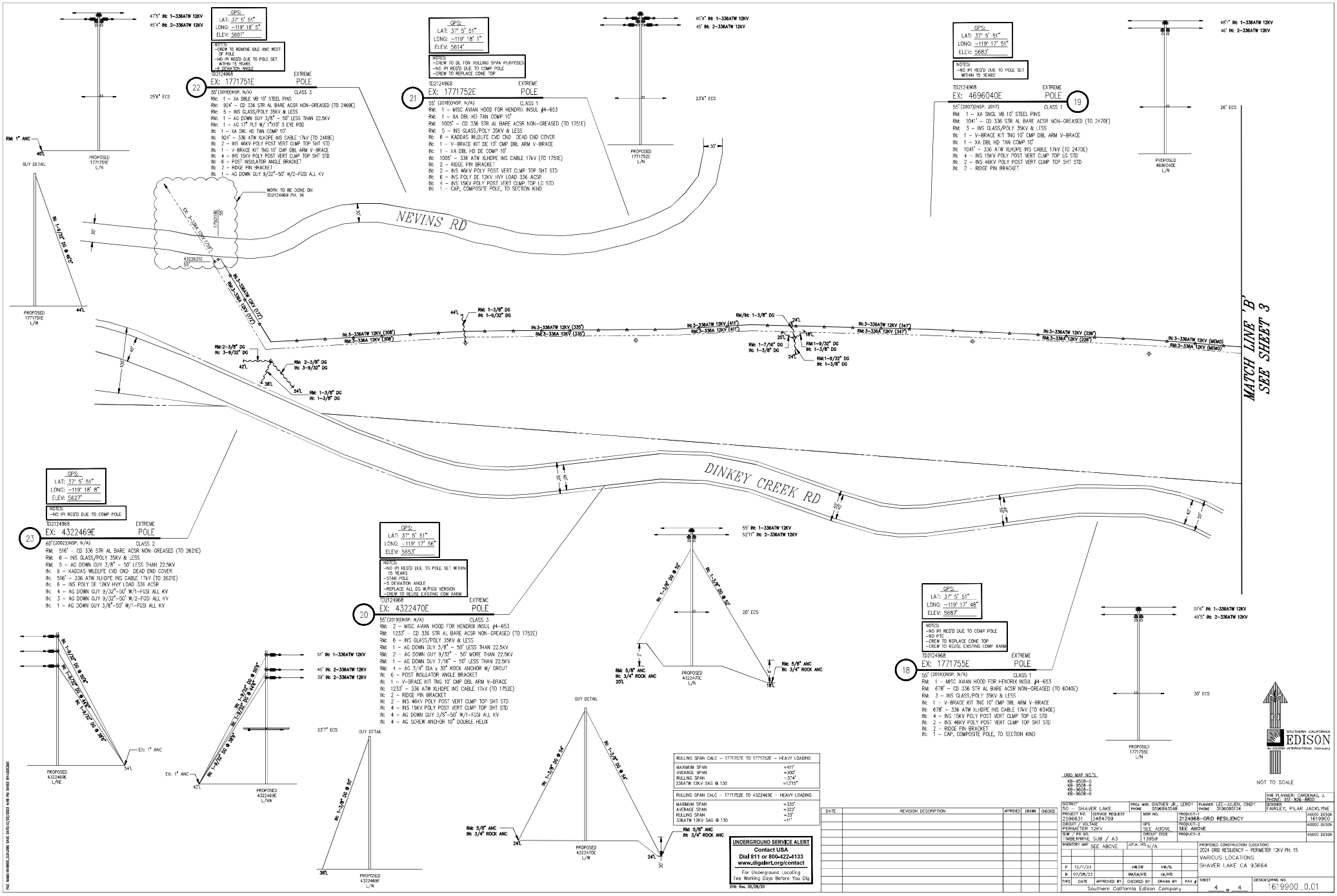

RULLING SPAN CALC – 1771757E TO 1771752E – HEAVY LOADING

MAXIMUM SPAN	=411'
AVERAGE SPAN	=300'
RULLING SPAN	=374'
336ATW 12KV SAG @ 130	=1375"

RULLING SPAN CALC – 1771752E TO 4322469E – HEAVY LOADING

MAXIMUM SPAN	=335'
AVERAGE SPAN	=322'
RULLING SPAN	=33'
336ATW 12KV SAG @ 130	=1"