

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

Electronic Application Of Kentucky Power)	
Company For A Certificate Of Public Convenience)	
And Necessity To Rebuild the Wooton-Stinnett)	
Portion of the Hazard-Pineville 161 kV Line In)	Case No. 2022-00118
Leslie County, Kentucky (“Wooton-Stinnett 161)	
kV Transmission Rebuild Project”))	

Kentucky Power Company’s Notice Of Filing

Pursuant to the identified portions of Commission’s September 22, 2022 Order in this proceeding (“Order”), Kentucky Power files the following:

- Pursuant to Paragraph 4 of the Order, Kentucky Power files as **EXHIBIT A** to this notice a copy of the “as-built” drawing of the transmission facilities portion of the project.
- Pursuant to Paragraph 5 of the Order, Kentucky Power files as **EXHIBIT B** to this notice a spreadsheet containing the required cost information. Please note that these are costs incurred through the date that 60 days after the project is substantially complete. Kentucky Power anticipates incurring additional costs associated with the project. None of the facilities constructed were owned by Kentucky Transco.

Respectfully submitted,

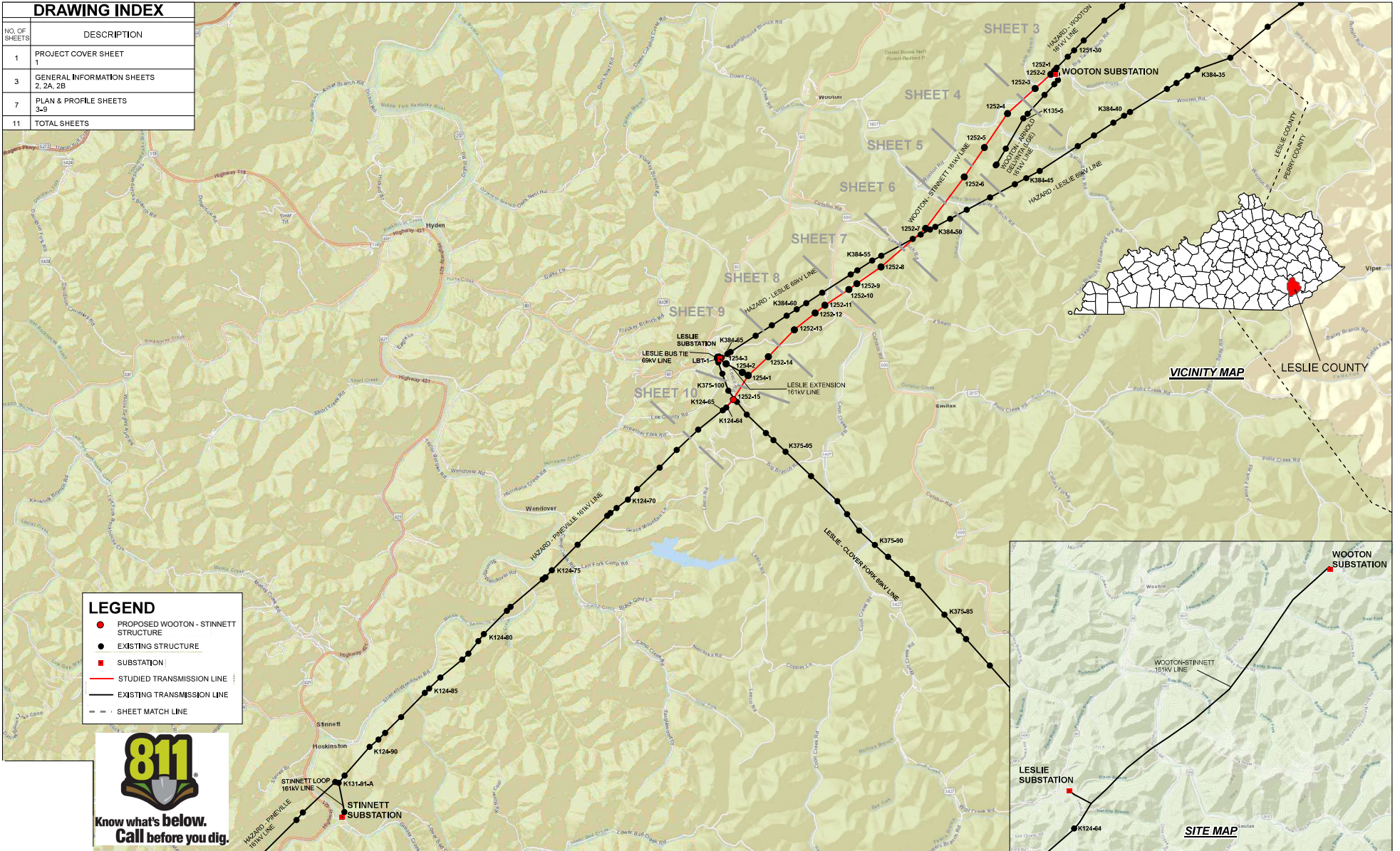


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COMPANY

EXHIBIT A
Part 1 of 2

DRAWING INDEX

NO. OF SHEETS	DESCRIPTION
1	PROJECT COVER SHEET
3	GENERAL INFORMATION SHEETS 2, 2A, 2B
7	PLAN & PROFILE SHEETS 3-9
11	TOTAL SHEETS



LEGEND

- PROPOSED WOOTTON - STINNETT STRUCTURE
- EXISTING STRUCTURE
- SUBSTATION
- STUDIED TRANSMISSION LINE
- EXISTING TRANSMISSION LINE
- - - SHEET MATCH LINE



**Know what's below.
Call before you dig.**

REV	REVISION DESCRIPTION	DATE	BY
0	ISSUED FOR RECORD	12/22/2024	PEI



STATE OF KENTUCKY
LESLIE COUNTY



ENG BY: DAM	CHKD BY: BCM
DRN BY: RS	APP BY: SOB
REGISTRATION NO.: 1847	DATE: 06/01/2023
	RAW MAP NO.: NA

KENTUCKY POWER COMPANY	
WOOTTON - STINNETT 161KV LINE	
COVER SHEET	
EQUIP: TLN180-01252	DWG: 180-01252001
SHEET 1	REV 0

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GENERAL INFORMATION SHEET

PLAN & PROFILE LEGEND

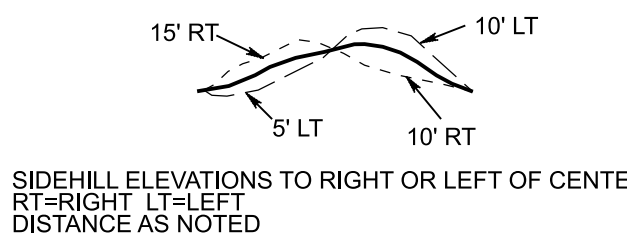


- 1 AERIAL PATROL MARKER
- X AERIAL IDENTIFICATION NO.
- X AERIAL CROSSING MARKER
- PROPOSED STRUCTURE
- EXISTING STRUCTURE
- TREE
- ◇ RAILROAD MILE POST
- AERIAL MARKER BALL
- CONDUCTOR WEIGHT



- EXISTING TRANSMISSION LINE
- UNDERGROUND UTILITY LINES
- ABOVE GROUND UTILITY LINE (NON-TRANSMISSION)
- TRAIL - EXISTING
- TRAIL - NEW
- RIVER/LAKE EDGE
- POND/CREEK EDGE
- WATER WAKE LINES
- STATE LINE
- COUNTY LINE
- CITY/TOWN LINE
- PROPERTY LINE
- RIGHT OF WAY LINE
- ROADS, LANES AND DRIVEWAYS
- RAILROAD
- DRAIN/DITCH
- FENCE
- PROPOSED CENTERLINE
- EDGE OF ROCK OUTCROP
- TREE LINE
- GUARD RAIL

- + PI INDICATES ANGLE DEFLECTION TO THE RIGHT
- PI INDICATES ANGLE DEFLECTION TO THE LEFT



SIDEHILL ELEVATIONS TO RIGHT OR LEFT OF CENTERLINE
RT=RIGHT LT=LEFT
DISTANCE AS NOTED

**STRUCTURE DATA
(SINGLE POLE)
EXAMPLE**

10	STRUCTURE NUMBER
87+38.5	STATIONING
OWNER	OWNERSHIP
CS17-2436	DRAWING NUMBER
104FT-H1-16FT	STRUCTURE HEIGHT/CLASS/EMBEDMENT DEPTH
GALV	MATERIAL
2014	INSTALL YEAR
NCI (50K)	INSULATOR
NORM	CONTAMINATION
RC	STRUCTURE TYPE
114-0000	FOUNDATION DRAWING
GUYED STR	GUYED STRUCTURE
LAT: 40° 30' 32.479" N	LATITUDE
LONG: 85° 40' 26.512" W	LONGITUDE

**STRUCTURE DATA
(MULTIPLE POLES)
EXAMPLE**

11	STRUCTURE NUMBER
96+78.1	STATIONING
OWNER	OWNERSHIP
CS38-2467	DRAWING NUMBER
LT: 94FT-H4-16FT	TRAIL NEW
CTR: 86FT-H2-14FT	TRAIL EXISTING
RT: 94FT-H4-16FT	TRAIL NEW
GALV	MATERIAL
2014	INSTALL YEAR
NCI (50K)	INSULATOR
NORM	CONTAMINATION
DE	STRUCTURE TYPE
114-0000	FOUNDATION DRAWING
GUYED STR	GUYED STRUCTURE
LAT: 40° 30' 30.239" N	LATITUDE
LONG: 85° 40' 38.317" W	LONGITUDE

**STRUCTURE DATA
(TOWER)
EXAMPLE**

41	STRUCTURE NUMBER
334+55.7	STATIONING
OWNER	OWNERSHIP
T1DBG	TOWER TYPE
140FT	STRUCTURE HEIGHT
DARKENED	MATERIAL
2014	INSTALL YEAR
NCI (50K)	INSULATOR
NORM	CONTAMINATION
SUSP	STRUCTURE TYPE
114-0000	FOUNDATION DRAWING
POINTED	ARMS
CONC PIER	FOUNDATION TYPE
25' BODY	BODY EXTENSION
4-20FT LEGS	LEG EXTENSION
LAT: 40° 29' 35.399" N	LATITUDE
LONG: 85° 45' 36.714" W	LONGITUDE

- +PI INDICATES ANGLE DEFLECTION TO THE RIGHT.
- PI INDICATES ANGLE DEFLECTION TO THE LEFT.

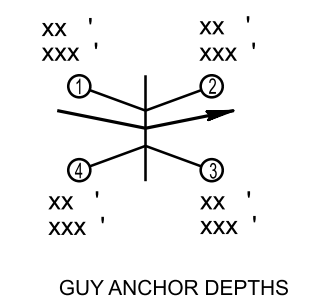


DIAGRAM FOR GUYED V STRUCTURE
SHOWING GUY LEADS AND GUY LENGTHS

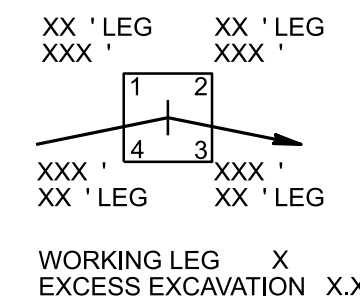


DIAGRAM FOR SELF SUPPORTING TOWERS
SHOWING LEG LENGTHS AND EXCAVATION AMOUNTS

LINE DATA TABLE

LENGTH OF LINE: 53,648.66 FEET, 10.16 MILES

OVERHEAD SHIELD WIRE AND/OR OVERHEAD COMMUNICATION WIRE							
STRUCTURE RANGE	WIRE LOCATION	WIRE TYPE	NESC HEAVY LOADING	RULING SPAN (FT)	DISPLAY TEMP (°F)	OWNER	EQUIPMENT NUMBER
WOOTON SUB TO STR. 1252-1	LEFT	(1) 7 NO. 6 ALUMOWELD	1,162 LBS	165	0°	KPCO	TLN180.01252
WOOTON SUB TO STR. 1252-1	RIGHT	(1) 7 NO. 6 ALUMOWELD	1,162 LBS	0°	0°	KPCO	TLN180.01252
STR. 1252-1 TO STR. 1252-4	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	7,574 LBS	1634	0°	KPCO	TLN180.01252
STR. 1252-1 TO STR. 1252-4	RIGHT	(1) 7 NO. 6 ALUMOWELD	6,436 LBS	1636	0°	KPCO	TLN180.01252
STR. 1252-4 TO STR. 1252-6	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	8,596 LBS	2029	0°	KPCO	TLN180.01252
STR. 1252-4 TO STR. 1252-6	RIGHT	(1) 7 NO. 6 ALUMOWELD	7,454 LBS	2031	0°	KPCO	TLN180.01252
STR. 1252-6 TO STR. 1252-7	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	9,130 LBS	3386	0°	KPCO	TLN180.01252
STR. 1252-6 TO STR. 1252-7	RIGHT	(1) 7 NO. 6 ALUMOWELD	7,889 LBS	3394	0°	KPCO	TLN180.01252
STR. 1252-7 TO STR. 1252-11	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	8,116 LBS	2356	0°	KPCO	TLN180.01252
STR. 1252-7 TO STR. 1252-11	RIGHT	(1) 7 NO. 6 ALUMOWELD	6,864 LBS	2353	0°	KPCO	TLN180.01252
STR. 1252-11 TO STR. 1252-14	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	7,978 LBS	1617	0°	KPCO	TLN180.01252
STR. 1252-11 TO STR. 1252-14	RIGHT	(1) 7 NO. 6 ALUMOWELD	6,711 LBS	1617	0°	KPCO	TLN180.01252
STR. 1252-14 TO STR. 1254-1	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	7,500 LBS	1437	0°	KPCO	TLN180.01252
STR. 1252-14 TO STR. 1254-1	RIGHT	(1) 7 NO. 6 ALUMOWELD	6,336 LBS	1436	0°	KPCO	TLN180.01252
STR. 1254-1 TO STR. 1252-15	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	9,795 LBS	1505	0°	KPCO	TLN180.01252
STR. 1254-1 TO STR. 1252-15	RIGHT	(1) 7 NO. 6 ALUMOWELD	8,364 LBS	1504	0°	KPCO	TLN180.01252
STR. 1252-15 TO STR. 1252-16	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	5,661 LBS	544	0°	KPCO	TLN180.01252
STR. 1252-15 TO STR. 1252-16	RIGHT	(1) 7 NO. 6 ALUMOWELD	4,647 LBS	540	0°	KPCO	TLN180.01252
STR. 1252-16 TO STR. 1252-25	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	7,847 LBS	1804	0°	KPCO	TLN180.01252
STR. 1252-16 TO STR. 1252-25	RIGHT	(1) 7 NO. 6 ALUMOWELD	6,653 LBS	1803	0°	KPCO	TLN180.01252
STR. 1252-25 TO STR. 1252-30	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	7,868 LBS	2052	0°	KPCO	TLN180.01252
STR. 1252-25 TO STR. 1252-30	RIGHT	(1) 7 NO. 6 ALUMOWELD	6,714 LBS	2052	0°	KPCO	TLN180.01252
STR. 1252-30 TO STR. K131-91-A	LEFT	(1) 0.646 IN DIA. 96 FIBER OPGW	7,776 LBS	1882	0°	KPCO	TLN180.01252
STR. 1252-30 TO STR. K131-91-A	RIGHT	(1) 7 NO. 6 ALUMOWELD	6,647 LBS	1883	0°	KPCO	TLN180.01252

OVERHEAD CONDUCTORS							
STRUCTURE RANGE	CIRCUIT LOCATION	CONDUCTOR SIZE	NESC HEAVY LOADING	RULING SPAN	MOT (°F)	OWNER	EQUIPMENT NUMBER
WOOTON SUB TO STR. 1252-1	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	1,842 LBS	167	302°	KPCO	TLN180.01252
STR. 1252-1 TO STR. 1252-4	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	1635	302°	KPCO	TLN180.01252
STR. 1252-4 TO STR. 1252-6	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	2030	302°	KPCO	TLN180.01252
STR. 1252-6 TO STR. 1252-7	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	3395	302°	KPCO	TLN180.01252
STR. 1252-7 TO STR. 1252-11	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	2354	302°	KPCO	TLN180.01252
STR. 1252-11 TO STR. 1252-14	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	1617	302°	KPCO	TLN180.01252
STR. 1252-14 TO STR. 1254-1	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	1426	302°	KPCO	TLN180.01252
STR. 1254-1 TO STR. 1252-15	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	12,380 LBS	1490	302°	KPCO	TLN180.01252
STR. 1252-15 TO STR. 1252-16	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	541	302°	KPCO	TLN180.01252
STR. 1252-16 TO STR. 1252-25	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	1803	302°	KPCO	TLN180.01252
STR. 1252-25 TO STR. 1252-30	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	2052	302°	KPCO	TLN180.01252
STR. 1252-30 TO STR. K131-91-A	-	(3) 795 KCMIL ACSR 26/7 "DRAKE"	10,000 LBS	1882	302°	KPCO	TLN180.01252

REFER TO P&P FOR STRUCTURE OWNERSHIP

GENERAL NOTES

COORDINATE SYSTEM:
NAD83 KENTUCKY STATE PLANE, SOUTHERN ZONE, US FOOT

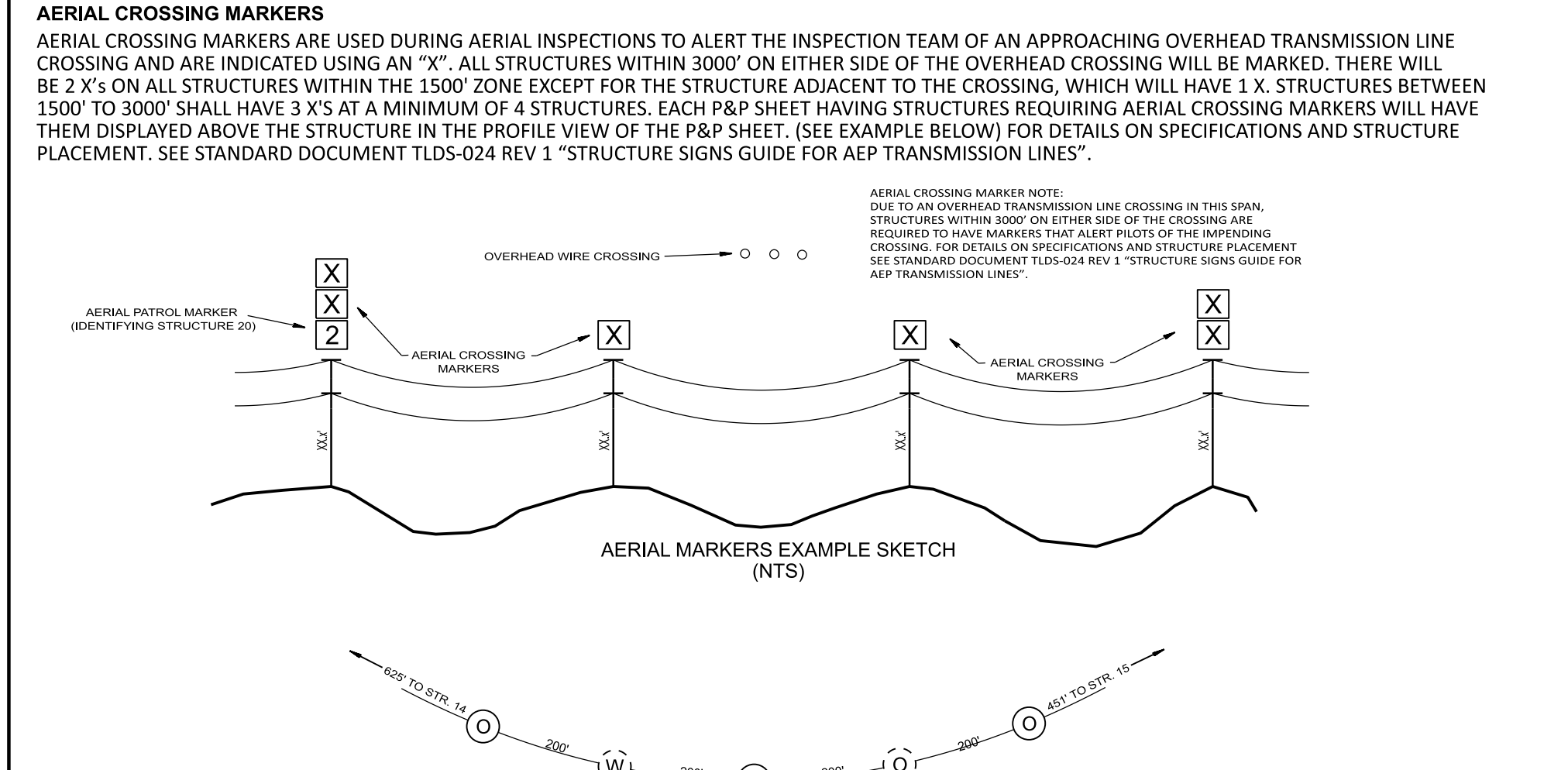
UTILITY PROTECTION SERVICE:
CONTACT THE UTILITIES PROTECTION SERVICE, 8-1-1 AT LEAST 48 HOURS BUT NO MORE THAN 10 WORKING DAYS (EXCLUDING WEEKENDS AND LEGAL HOLIDAYS) BEFORE BEGINNING ANY DIGGING PROJECT.

FORESTRY NOTE:
THIS SYMBOL WILL BE SHOWN AT THE TOP OF THE SHEET BELOW THE CONDUCTOR INFORMATION AND WILL INDICATE WHICH SECTIONS AND CONDUCTOR SPANS EXCEED 100 FEET CLEARANCE FROM THE MOT CURVE TO THE HIGH SIDE HILL OR TO THE PROFILE WHEN THERE IS NO SIDE HILL.

AERIAL MARKERS NOTES:
AERIAL PATROL MARKERS
AERIAL PATROL MARKERS ARE LOCATED AT THE TOP OF A STRUCTURE AND ARE USED DURING AERIAL INSPECTIONS TO INDICATE THE STRUCTURE NUMBERS OF A TRANSMISSION LINE TO THOSE FLYING THE LINE. ONLY STRUCTURE NUMBERS ENDING IN A ZERO OR A FIVE WILL HAVE THESE MARKERS. ALL STRUCTURES ENDING IN FIVE WILL BE INDICATED USING A BLANK MARKER. (E.G., STR. 10 = 1, STR. 15 = BLANK, STR. 20 = 2, 350 = 35) EACH P&P SHEET HAVING STRUCTURES REQUIRING AERIAL PATROL MARKERS WILL HAVE THEM DISPLAYED ABOVE THE STRUCTURE IN THE PROFILE VIEW OF THE P&P SHEET. (SEE EXAMPLE BELOW) FOR DETAILS ON SPECIFICATIONS AND STRUCTURE PLACEMENT SEE STANDARD DOCUMENT TLDS-024 REV 1 "STRUCTURE SIGNS GUIDE FOR AEP TRANSMISSION LINES".

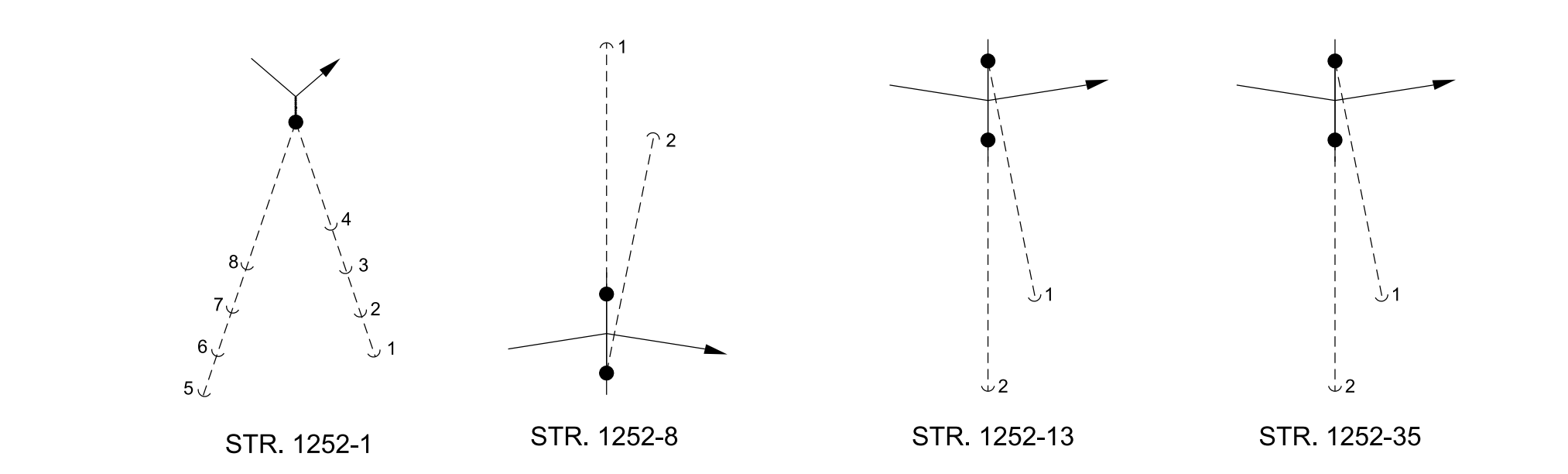
AERIAL CROSSING MARKERS
AERIAL CROSSING MARKERS ARE USED DURING AERIAL INSPECTIONS TO ALERT THE INSPECTION TEAM OF AN APPROACHING OVERHEAD TRANSMISSION LINE CROSSING AND ARE INDICATED USING AN "X". ALL STRUCTURES WITHIN 3000' ON EITHER SIDE OF THE OVERHEAD CROSSING WILL BE MARKED. THERE WILL BE 2 X'S ON ALL STRUCTURES WITHIN THE 1500' ZONE EXCEPT FOR THE STRUCTURE ADJACENT TO THE CROSSING, WHICH WILL HAVE 1 X. STRUCTURES BETWEEN 1500' TO 3000' SHALL HAVE 3 X'S AT A MINIMUM OF 4 STRUCTURES. EACH P&P SHEET HAVING STRUCTURES REQUIRING AERIAL CROSSING MARKERS WILL HAVE THEM DISPLAYED ABOVE THE STRUCTURE IN THE PROFILE VIEW OF THE P&P SHEET. (SEE EXAMPLE BELOW) FOR DETAILS ON SPECIFICATIONS AND STRUCTURE PLACEMENT. SEE STANDARD DOCUMENT TLDS-024 REV 1 "STRUCTURE SIGNS GUIDE FOR AEP TRANSMISSION LINES".

AERIAL CROSSING MARKER NOTE:
DUE TO AN OVERHEAD TRANSMISSION LINE CROSSING IN THIS SPAN, STRUCTURES WITHIN 3000' ON EITHER SIDE OF THE CROSSING ARE REQUIRED TO HAVE MARKERS THAT ALERT PILOTS OF THE IMPENDING CROSSING. FOR DETAILS ON SPECIFICATIONS AND STRUCTURE PLACEMENT SEE STANDARD DOCUMENT TLDS-024 REV 1 "STRUCTURE SIGNS GUIDE FOR AEP TRANSMISSION LINES".



FAA MARKERS NOTE:
SPHERICAL MARKERS ARE PLACED ALONG THE SHIELD WIRE (TOP MOST WIRE) IN SPANS WHERE THE SHIELD WIRE EXCEEDS 200' AGL FROM THE LOW SIDEHILL OR THE PROFILE WHEN THERE IS NO SIDEHILL. THEY WILL BE SPACED 200' APART UNLESS SPECIFIED BY THE FAA. WHERE THERE ARE 2 SHIELD WIRES, MARKERS WILL BE PLACED ALTERNATELY TO DISTRIBUTE THE LOAD. (SEE EXAMPLE ABOVE) MARKERS ARE TO BE INSTALLED BY ALTERNATING SOLID-COLORED MARKERS OF AVIATION ORANGE, WHITE, AND YELLOW WITH AN ORANGE MARKER BEING PLACED AT EACH END. WHEN LESS THAN 4 MARKERS ARE USED, ALL MARKERS WILL BE ORANGE.

GUYING DIAGRAMS



GUY & ANCHOR TABLE

STRUCTURE NO.	ANCHOR NUMBER	ANCHOR DESCRIPTION	REFERENCE DRAWING	NORTHING	EASTING	HORIZONTAL LEAD LENGTH	AVE SLOPE AT ANCHOR	GUY DESCRIPTION	REFERENCE DRAWING	OWNER
1252-1	1	GROUTED ROCK ANCHOR	51F0-1727	1959297.37	2365905.78	36.81	63.69	19 #7 ALUMOWELD	43C0-1124	KPCO
	2			1959292.88	2365907.40	31.96	63.48			
	3			1959288.90	2365908.84	27.66	62.80			
	4			1959284.61	2365910.39	23.02	61.76			
	5			1959307.63	2365972.65	70.24	51.63			
	6			1959301.48	2365965.28	60.56	51.40			
	7			1959296.08	2365958.82	52.07	50.69			
	8			1959290.96	2365952.68	44.00	49.70			
1252-8	1	GROUTED ROCK ANCHOR	51F0-1727	1948888.93	2356799.34	37.80	59.75	19 #7 ALUMOWELD	43C0-1124	KPCO
	2			1948902.69	2356784.45	37.95	59.74			
1252-13	1	GROUTED ROCK ANCHOR	51F0-1727	1945642.62	2352171.14	46.60	60.00	19 #7 ALUMOWELD	43C0-1124	KPCO
	2			1945659.67	2352161.17	45.75	60.00			
1252-35	1	GROUTED ROCK ANCHOR	51F0-1727	1922105.40	2328447.47	41.41	61.49	19 #7 ALUMOWELD	43C0-1124	KPCO
	2			1922114.89	2328431.18	46.38	61.33			

SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION				
STRUCTURE	OPGW SPLICED LOCATION	PCS ANTENNA LOCATION	CONDUCTOR SPLICE LOCATION (AHEAD SPAN)	OWNER
1252-1	X			KPCO
1252-6	X			KPCO
1252-7	X			KPCO
1254-1	X			KPCO
1252-16	X			KPCO
1252-25	X			KPCO
K131-91-A	X			KPCO

REV	REVISION DESCRIPTION	DATE	BY
0	ISSUED FOR RECORD (LESLIE - WOOTON 161KV REBUILD)	12/22/2024	JRA
1	ISSUED FOR RECORD (LESLIE - STINNETT 161KV REBUILD)	12/16/2025	JRA

STATE OF KENTUCKY
LESLIE COUNTY



ENG BY: DAM	CHKD BY: BCM
DRN BY: JRA	APP BY: KLB
REGISTRATION No.: 1647	R/W MAP NO: N/A
DATE: 12/16/2025	

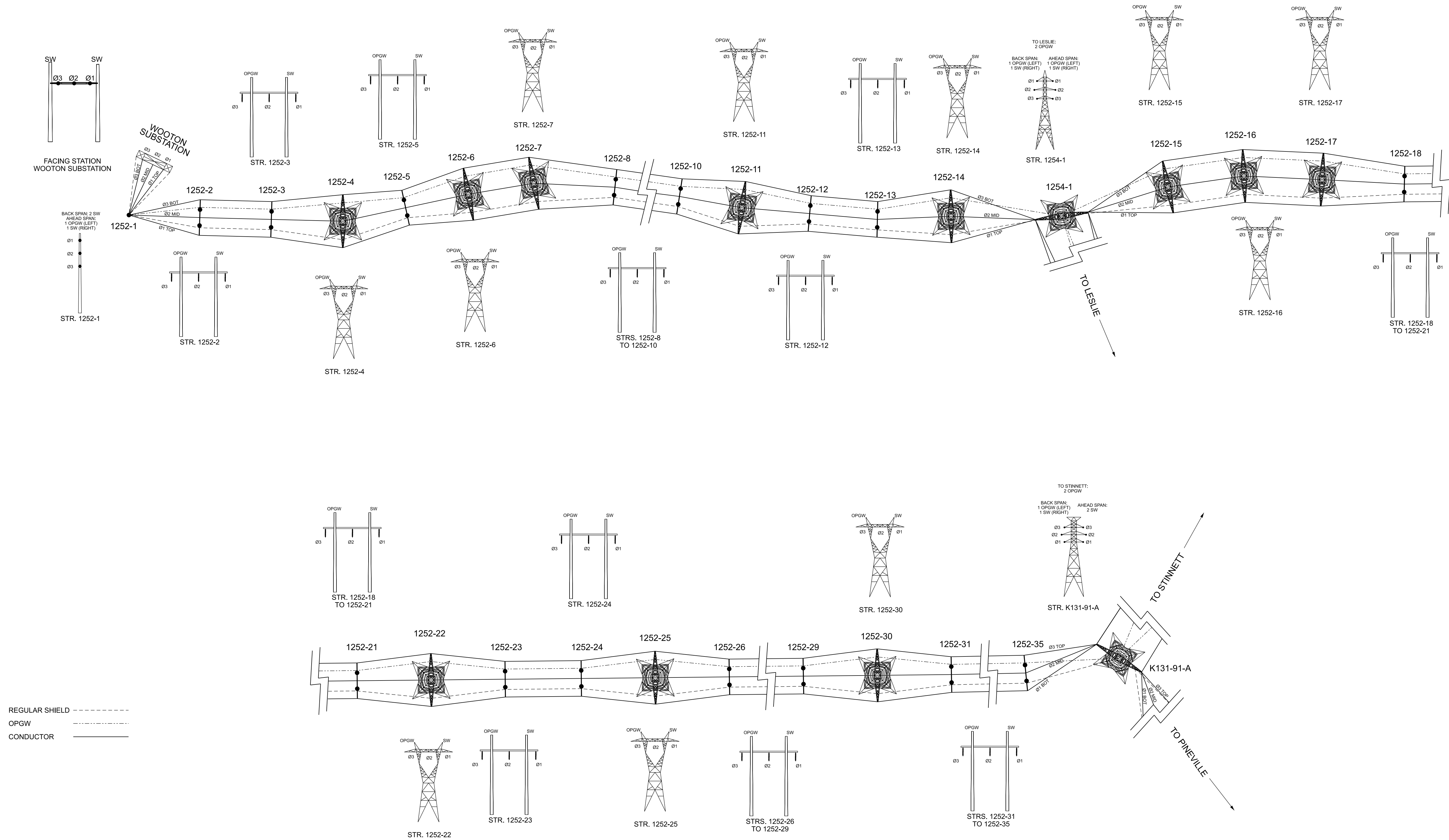
KENTUCKY POWER COMPANY WOOTON - STINNETT 161KV LINE		EQUIP: TLN180.01252
LEGEND, LINE DATA TABLE, GENERAL NOTES, GUYING DIAGRAMS & SUPPLEMENTAL INFORMATION		DWG: 180-01252S02
		SHEET: 2 REV: 1

GENERAL INFORMATION SHEET

PHASING DIAGRAM

PHASING TO BE VERIFIED BY FIELD PERSONNEL

- NOTES:
 1. THE PHASING DIAGRAM IS ORIENTED LOOKING AHEAD TOWARDS INCREASING STRUCTURE NUMBERS UNLESS OTHERWISE NOTED.
 2. PHASING SHOWN APPLIES ONLY TO AEP FACILITIES.
 3. OWNERSHIP IS NOT REFLECTED IN THIS DIAGRAM.



REV	REVISION DESCRIPTION	DATE	BY
0	ISSUED FOR RECORD (LESLIE - WOOTON 161kV REBUILD)	12/22/2024	JRA
1	ISSUED FOR RECORD (LESLIE - STINNETT 161kV REBUILD)	12/16/2025	JRA

STATE OF KENTUCKY
LESLIE COUNTY



ENG BY: DAM
 DRN BY: JRA
 DATE: 12/16/2025
 CHKD BY: BCM
 APP BY: SDB
 R/W MAP NO: N/A

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KENTUCKY POWER COMPANY
WOOTON - STINNETT 161kV LINE

PHASING DIAGRAM

EQUIP: TLN180:01252
 DWG: 180-01252S02A
 SHEET: 2A REV: 1

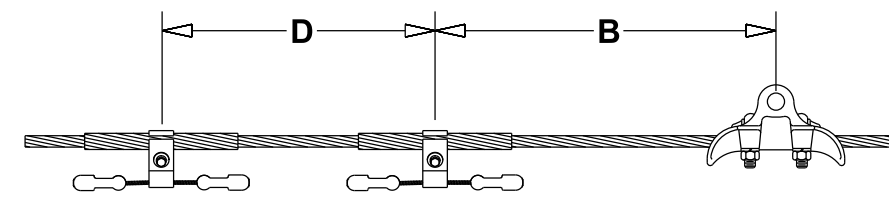
GENERAL INFORMATION SHEET

CONDUCTOR DAMPER INFORMATION

SHIELD WIRE DAMPER INFORMATION

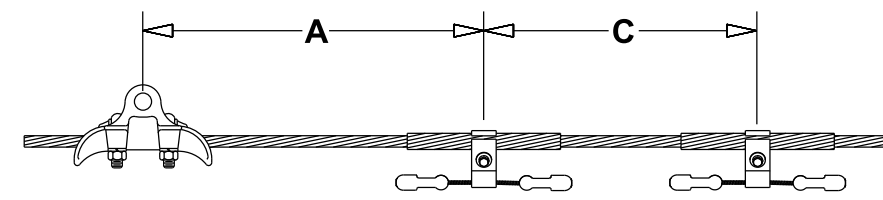
DAMPER PLACEMENT DRAWINGS
REFER TO THESE DRAWINGS WHEN LOOKING AT THE DAMPER PLACEMENT TABLE.
DAMPER WILL BE PLACED ON EACH WIRE AT EACH LOCATION.

SPAN BEHIND DWGS

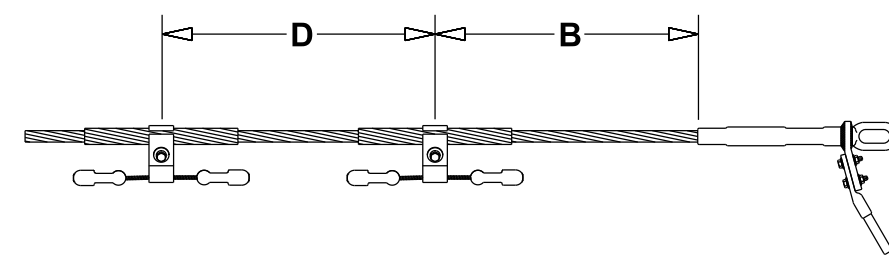


DETAIL 1

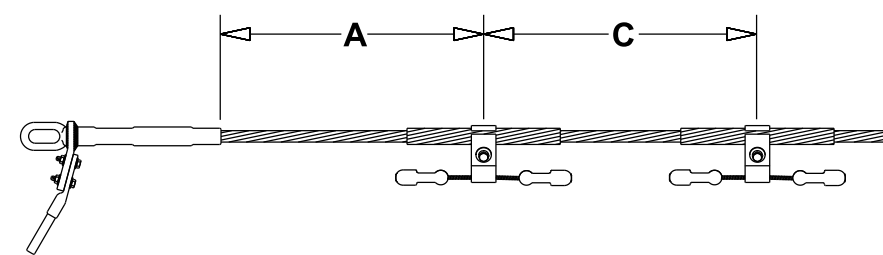
SPAN AHEAD DWGS



DETAIL 3



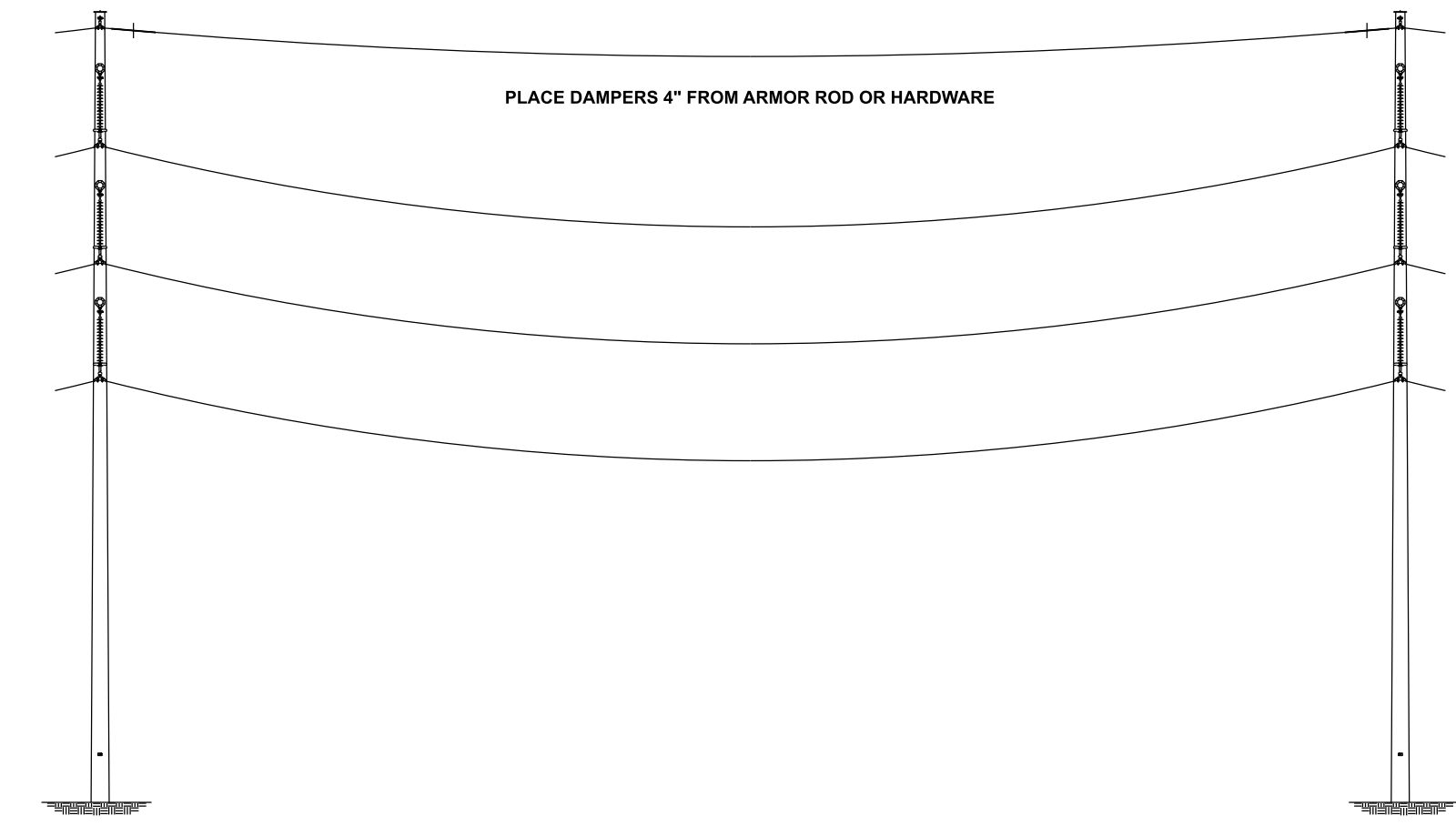
DETAIL 2



DETAIL 4

CONDUCTOR DAMPER PLACEMENT TABLE												
BACK SPAN		DAMPER PLACEMENT (INCH)				STRUCTURE TYPE (SUSP or DE)	VENDOR	VENDOR PART NUMBER				OWNER
D	B	STRUCTURE	A	C	D			B	A	C		
WOOTON SUB											KPCO	
21.3	39	1252-1			2	DE	PLP	VSD-4032	VSD-4032			KPCO
	53	1252-2	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
	53	1252-3	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
25	39	1252-4	39	25	2,4	DE	PLP	VSD-4032	VSD-4032	VSD-4032	VSD-4032	KPCO
	53	1252-5	53		1,3	SUSP	PLP	VSD-4032	VSD-4032			KPCO
24	39	1252-6	39	25	2,4	DE	PLP	VSD-4032	VSD-4032	VSD-4032	VSD-4032	KPCO
25	39	1252-7	39	25	2,4	DE	PLP	VSD-4032	VSD-4032	VSD-4032	VSD-4032	KPCO
25	53	1252-8	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
	53	1252-9	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
		1252-10	53	24	3	SUSP	PLP		VSD-4032	VSD-4032	VSD-4032	KPCO
		1252-11				DE	PLP					KPCO
	53	1252-12	53		1,3	SUSP	PLP	VSD-4032	VSD-4032			KPCO
	53	1252-13	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
24	39	1252-14			2	DE	PLP	VSD-4032				KPCO
		1254-1				DE	PLP					KPCO
27	39	1252-15				DE	PLP	VSD-4032	VSD-4032			KPCO
25	39	1252-16	39	25	2,4	DE	PLP	VSD-4032	VSD-4032	VSD-4032	VSD-4032	KPCO
	53	1252-17	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
	53	1252-18	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
	53	1252-19	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
	53	1252-20	53		1,3	SUSP	PLP	VSD-4032	VSD-4032			KPCO
		1252-21	53	25	4	SUSP	PLP		VSD-4032	VSD-4032	VSD-4032	KPCO
		1252-22	39	25	4	DE	PLP		VSD-4032	VSD-4032	VSD-4032	KPCO
	53	1252-23	53	24	1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032	VSD-4032	KPCO
	53	1252-24	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
		1252-25	39	25	4	DE	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
	53	1252-26	53	25	1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
	53	1252-27	53		1,3	SUSP	PLP	VSD-4032	VSD-4032			KPCO
		1252-28				SUSP	PLP					KPCO
	53	1252-29	53	25	1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
		1252-30				DE	PLP					KPCO
24	53	1252-31	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
	53	1252-32	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
	53	1252-33	53		1,3	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO
		1252-34	53	25	3	SUSP	PLP		VSD-4032	VSD-4032	VSD-4032	KPCO
	53	1252-35	53		1	SUSP	PLP	VSD-4032	VSD-4032	VSD-4032		KPCO

CROSS REFERENCE PARTS LIST	
VENDOR PART #	AEP CAT ID's
VSD-4032	0050643859



CROSS REFERENCE PARTS LIST	
VENDOR PART #	AEP CAT ID's
5050202	0500062687
5050203	0500062688

SPIRAL VIBRATION DAMPER TABLE					
STRUCTURE	LOCATION	QUANTITY IN AHEAD SPAN	VENDOR	VENDOR PART NUMBER	OWNER
Wooton Sub	LT	1	PLP	5050202	KPCO
	RT	1	PLP	5050202	KPCO
1252-1	LT	1	PLP	5050203	KPCO
	RT	1	PLP	5050202	KPCO
1252-2	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-3	LT	3	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-4	LT	3	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-5	LT	3	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-6	LT	3	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-7	LT	3	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-8	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-9	LT	1	PLP	5050203	KPCO
	RT	1	PLP	5050202	KPCO
1252-10	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-11	LT	1	PLP	5050203	KPCO
	RT	1	PLP	5050202	KPCO
1252-12	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-13	LT	3	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-14	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1254-1	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-15	LT	1	PLP	5050203	KPCO
	RT	1	PLP	5050202	KPCO
1252-16	LT	3	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-17	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO

SPIRAL VIBRATION DAMPER TABLE					
STRUCTURE	LOCATION	QUANTITY IN AHEAD SPAN	VENDOR	VENDOR PART NUMBER	OWNER
1252-18	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-19	LT	3	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-20	LT	1	PLP	5050203	KPCO
	RT	1	PLP	5050202	KPCO
1252-21	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-22	LT	3	PLP	5050203	KPCO
	RT	3	PLP	5050202	KPCO
1252-23	LT	3	PLP	5050203	KPCO
	RT	3	PLP	5050202	KPCO
1252-24	LT	1	PLP	5050203	KPCO
	RT	1	PLP	5050202	KPCO
1252-25	LT	3	PLP	5050203	KPCO
	RT	3	PLP	5050202	KPCO
1252-26	LT	3	PLP	5050203	KPCO
	RT	3	PLP	5050202	KPCO
1252-27	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-28	LT	1	PLP	5050203	KPCO
	RT	1	PLP	5050202	KPCO
1252-29	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-30	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-31	LT	3	PLP	5050203	KPCO
	RT	3	PLP	5050202	KPCO
1252-32	LT	2	PLP	5050203	KPCO
	RT	2	PLP	5050202	KPCO
1252-33	LT	1	PLP	5050203	KPCO
	RT	1	PLP	5050202	KPCO
1252-34	LT	3	PLP	5050203	KPCO
	RT	3	PLP	5050202	KPCO
1252-35	LT	1	PLP	5050203	KPCO
	RT	1	PLP	5050202	KPCO



SINGLE



GROUP OF 3

NOTES:

- SVDs MAY BE GROUPED TOGETHER IN SETS OF NO MORE THAN 3
- SVDs MAY BE PLACED AT EITHER END OF THE SPAN OR ON BOTH ENDS
- SVDs SHALL BE PLACED DIRECTLY ON CONDUCTOR OR SHIELD WIRE

REV	REVISION DESCRIPTION	DATE	BY
0	ISSUED FOR RECORD (LESLIE - WOOTON 161KV REBUILD)	12/22/2024	JRA
1	ISSUED FOR RECORD (LESLIE - STINNETT 161KV REBUILD)	12/16/2025	JRA

STATE OF KENTUCKY
LESLIE COUNTY



REGISTRATION No.: 1647

ENG BY:	DAM	CHKD BY:	BCM
DRN BY:	JRA	APP BY:	SDB
DATE:	12/16/2025	R/W MAP NO:	N/A

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KENTUCKY POWER COMPANY
WOOTON - STINNETT 161KV LINE
CONDUCTOR AND SHIELD WIRE DAMPER INFORMATION

EQUIP: TLN180:01252

DWG: 180-01252S02B

SHEET: 2B REV: 1

SHIELD WIRE: LEFT (1) 7 NO. 6 ALUMINUM WELD AT 7,574 LBS NESC HVY (KPCO)
 RIGHT (1) 0.64" DIA. 35 FIBER SFPCC SFS-JJ-2471 OPGW AT 8,436 LBS NESC HVY (KPCO)
 CONDUCTOR: (3) 795 KCMIL ACSR 28/7, DRAME AT 10,000 LBS NESC HVY (KPCO)

REV	REVISION DESCRIPTION	DATE	BY
0	ISSUED FOR RECORD	12/22/2023	JBR

HORIZONTAL SCALE: 1" = 200'

VERTICAL SCALE: 1" = 20'

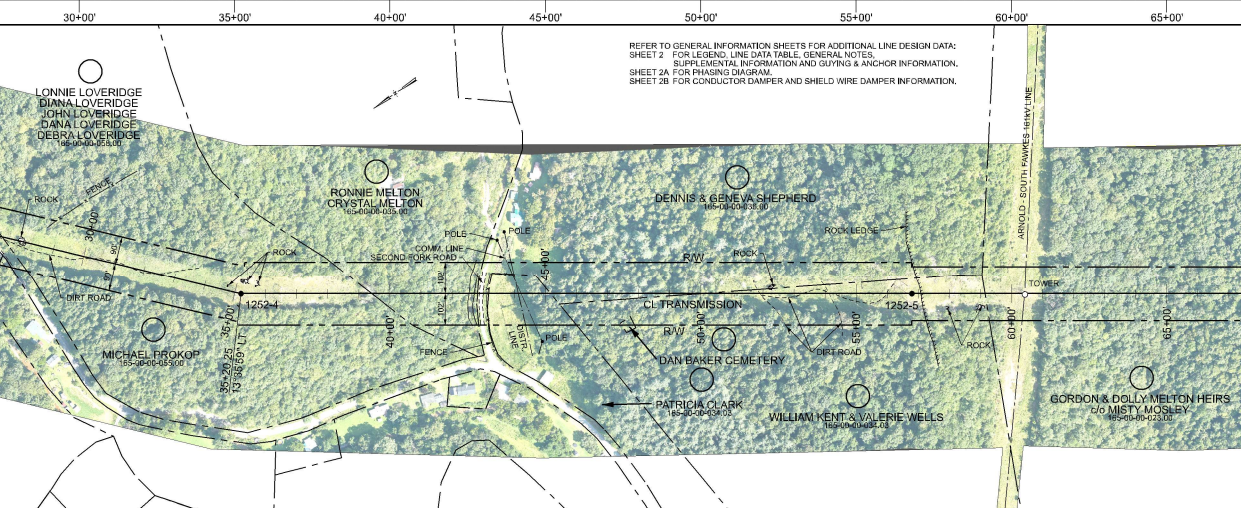
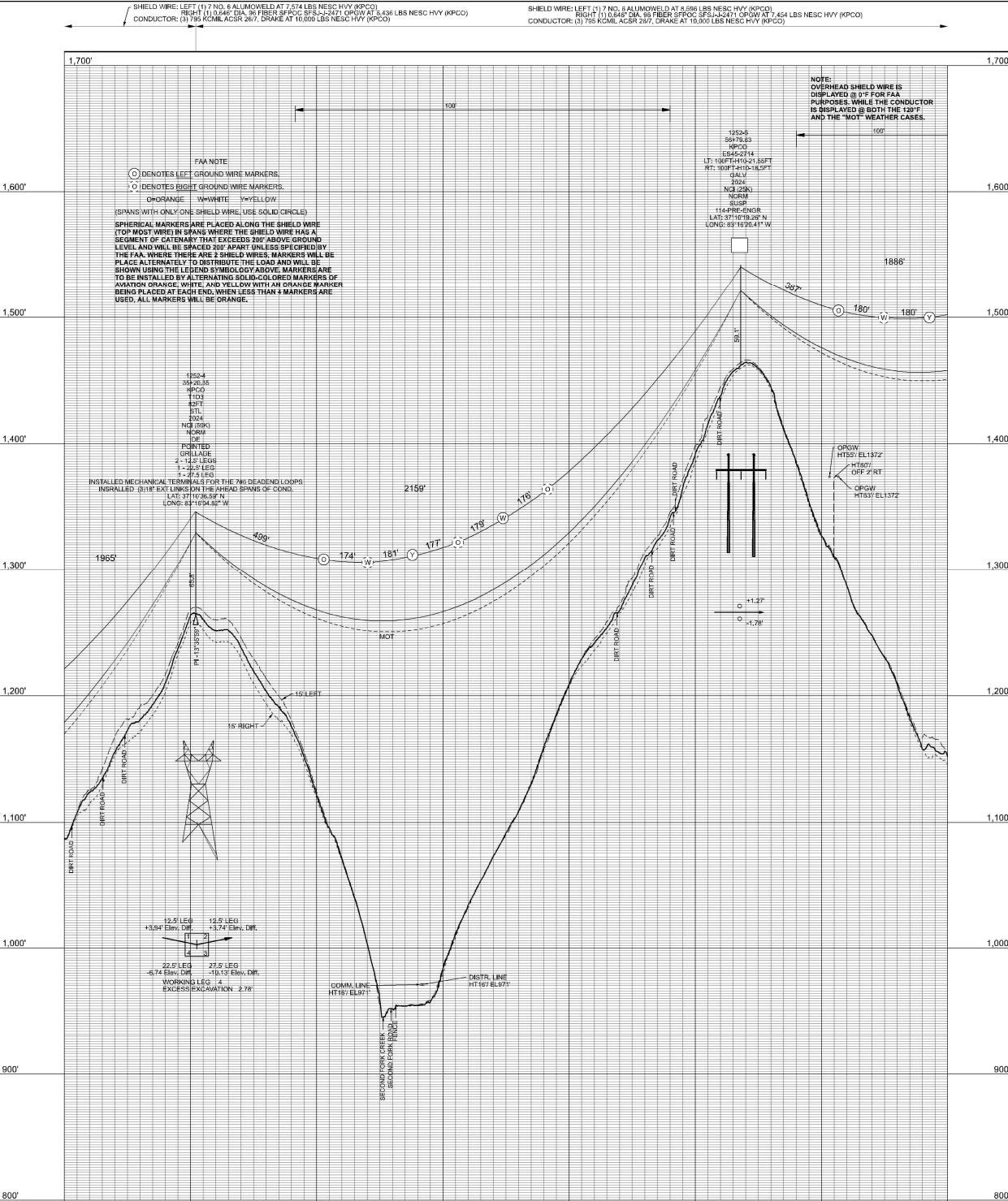
STATE OF KENTUCKY
 LESLIE COUNTY



REVISION NO.: 1847	ENGINEER: DMI	CHD BY: BOA
DATE: 08/07/2023	DRN BY: SQA	APP BY: SGB
	CHK BY: SQA	APP BY: SQA

WOOTON - STINNETT 161KV LINE
 PLAN & PROFILE

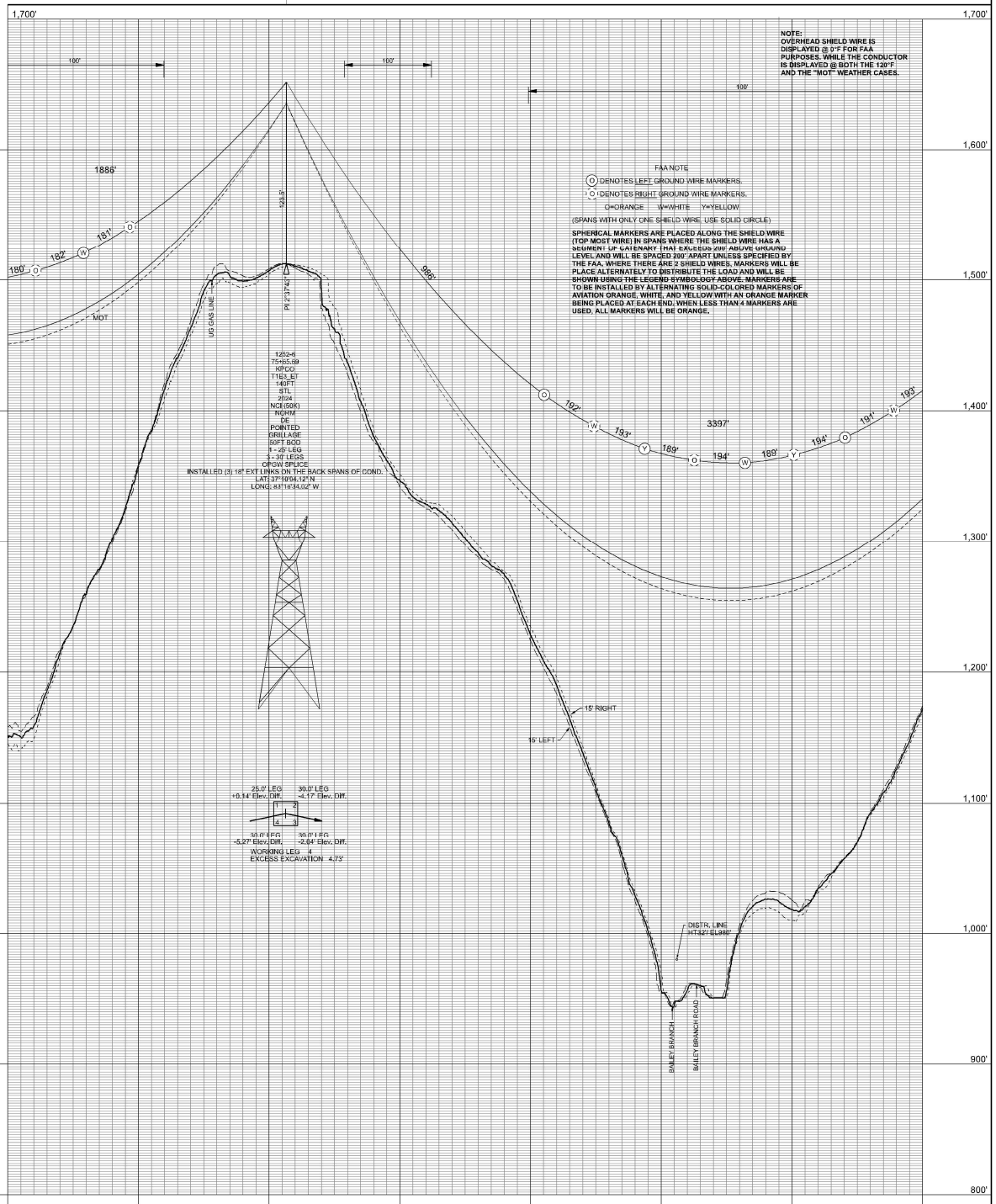
DATE: 08/07/2023
 SHEET: 4



REFER TO GENERAL INFORMATION SHEETS FOR ADDITIONAL LINE DESIGN DATA:
 SHEET 2 FOR LEGEND, LINE DATA TABLE, GENERAL NOTES,
 SUPPLEMENTAL INFORMATION AND GUYING & ANCHOR INFORMATION,
 SHEET 2A FOR PHASING DIAGRAM,
 SHEET 2B FOR CONDUCTOR DAMPER AND SHIELD WIRE DAMPER INFORMATION.

SHIELD WIRE: LEFT (1) 0.644" DIA. 96 FIBER SFPDC SFS-A-2471 OPGW AT 8,580 LBS NESC HVV (KPCO)
 RIGHT (1) 7 NO. 6 ALUMINUM WELD AT 7,654 LBS NESC HVV (KPCO)
 CONDUCTOR: (3) 795 KCMIL ACSR 267, DRAKE AT 10,000 LBS NESC HVV (KPCO)

SHIELD WIRE: LEFT (1) 0.644" DIA. 96 FIBER SFPDC SFS-A-2471 OPGW AT 8,580 LBS NESC HVV (KPCO)
 RIGHT (1) 7 NO. 6 ALUMINUM WELD AT 7,654 LBS NESC HVV (KPCO)
 CONDUCTOR: (3) 795 KCMIL ACSR 267, DRAKE AT 10,000 LBS NESC HVV (KPCO)



REV	DESCRIPTION	DATE	BY
0	ISSUED FOR RECORD	12/22/2023	JBR

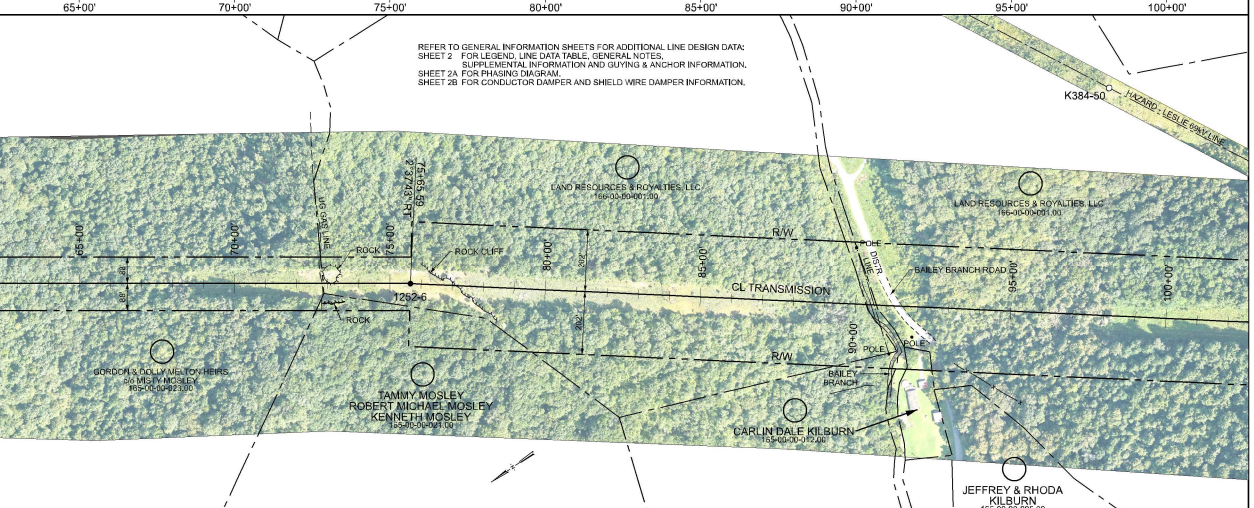
HORIZONTAL
 1" = 50' (10')
 VERTICAL
 1" = 20'

STATE OF KENTUCKY
 LESLIE COUNTY



REPRODUCTION NO.: 1847	
ENGR: DMH	CHKD BY: BOA
DRN BR: SJA	APP BR: SJB
DATE: 08/07/2023	SCALE: N/A

WOOTON - STINNETT 161KV LINE
 PLAN & PROFILE
 KENTUCKY POWER COMPANY
 501 NORTH MOSLEY
 165-00-0042300
 DATE: 08/07/2023
 SHEET: 5



SHIELD WIRE: LEFT (1) 0.64" DIA. 96 FIBER SFPOC SFS-J-2471 OPGW AT 8.116 LBS NESC HVY (KPCO)
 RIGHT (1) 7 NO. 6 ALUMINUM WELD AT 8.964 LBS NESC HVY (KPCO)
 CONDUCTOR: (3) 795-KCML ACSR 267, DRAKE AT 10,000 LBS NESC HVY (KPCO)

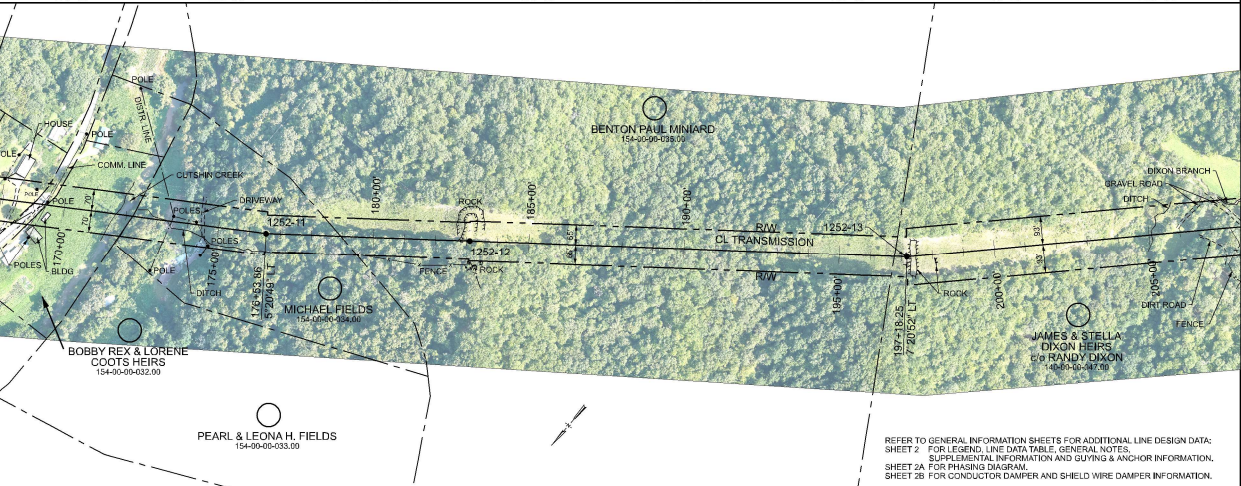
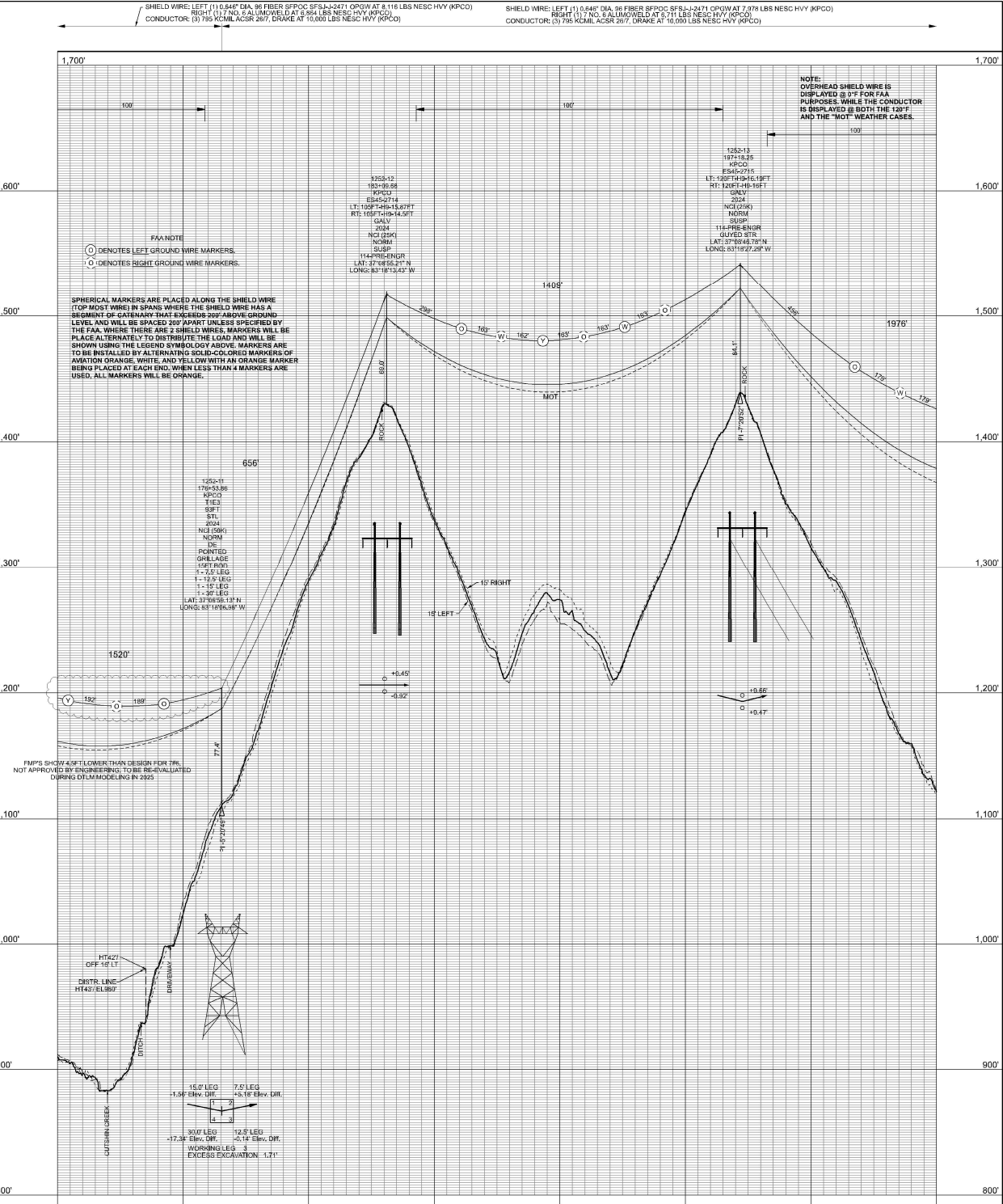
REV	DESCRIPTION	DATE	BY
0	ISSUED FOR RECORD	12/22/2023	JBR

HORIZONTAL	1" = 200'
VERTICAL	1" = 40'



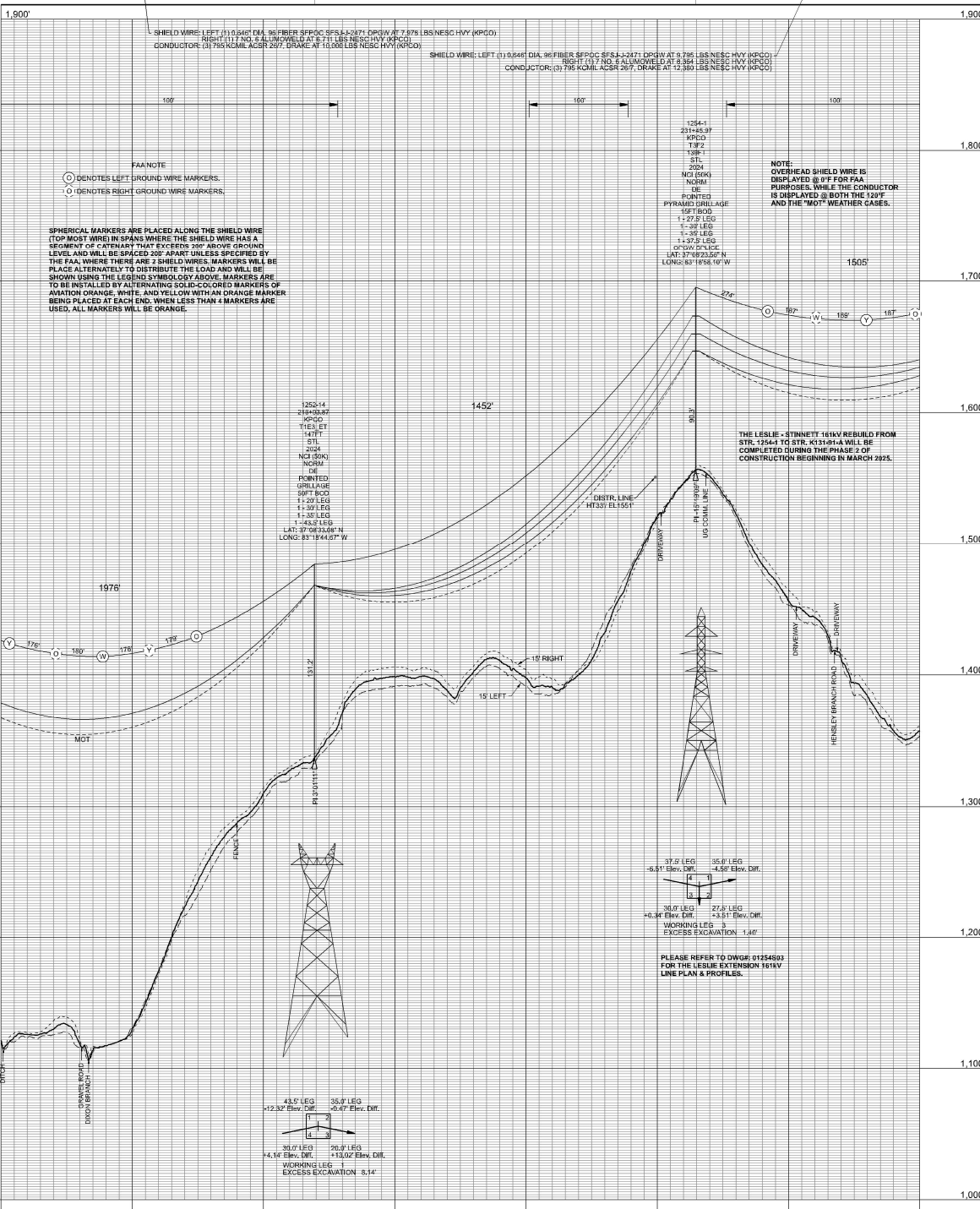
ENGINEER	DATE	CHANGED BY	DATE
JBR	04/01/2023	NA	NA

WOOTON - STINNETT 161KV LINE
 KENTUCKY POWER COMPANY
 PROJECT NO. 154-00-00-033.00
 SHEET 8 OF 8



REFER TO GENERAL INFORMATION SHEETS FOR ADDITIONAL LINE DESIGN DATA:
 SHEET 2 FOR LEGEND, LINE DATA TABLE, GENERAL NOTES,
 SUPPLEMENTAL INFORMATION AND GUYING & ANCHOR INFORMATION,
 SHEET 2A FOR PHASING DIAGRAM,
 SHEET 2B FOR CONDUCTOR DAMPER AND SHIELD WIRE DAMPER INFORMATION.

SHIELD WIRE: LEFT (1) 0.54" DIA. 96 FIBER SPOC SFS-J-2471 DP3W AT 7.576 LBS NESC HVY (KPCO)
 RIGHT (1) 1.7 NO. 6 ALUMINUM WELD AT 8.354 LBS NESC HVY (KPCO)
 CONDUCTOR: (3) 795 KCMIL ACGR 267, DRAKE AT 10,000 LBS NESC HVY (KPCO)



REV	DESCRIPTION
0	ISSUED FOR RECORD

DATE: 12/22/2023
 BY: JBR

HORIZONTAL: 0.50 (10) 200
 VERTICAL: 40

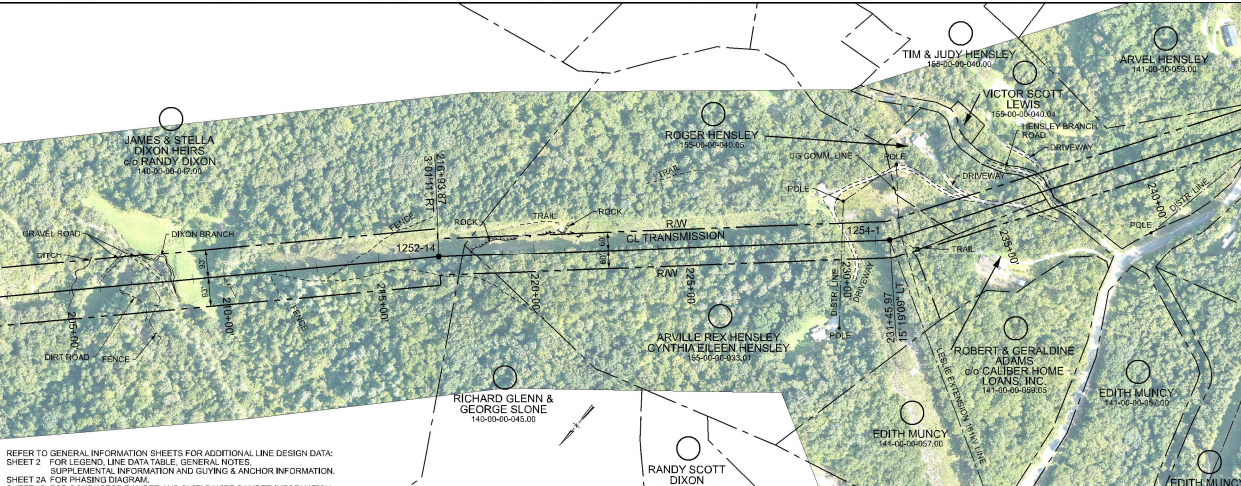
STATE OF KENTUCKY
 LESLIE COUNTY



ENGINEER: DMH	CHIEF: BOA
DRAWN BY: SQM	APP'D BY: SGB
DATE: 08/07/2023	SCALE: N/A

WOOTON - STINNETT 161KV LINE
 KENTUCKY POWER COMPANY
 161KV LINE

DATE: 08/07/2023	SCALE: TLM 800/1252
SHEET: 9	REV: 0



REFER TO GENERAL INFORMATION SHEETS FOR ADDITIONAL LINE DESIGN DATA
 SHEET 2 FOR LEGEND LINE DATA TABLE, GENERAL NOTES
 SUPPLEMENTAL INFORMATION AND GUYING & ANCHOR INFORMATION.
 SHEET 2A FOR PHASING DIAGRAM
 SHEET 2B FOR CONDUCTOR DAMPER AND SHIELD WIRE DAMPER INFORMATION.

SHIELD WIRE: LEFT (1) 0.84" DIA. 96 FIBER SFDPC SFS-L-12471 CP/W/AT 7.847 LBS NESC HVV (KPCO)
 RIGHT (1) 7 NO. 6 ALUMINUM WELD AT 6.633 LBS NESC HVV (KPCO)
 CONDUCTOR: (3) 735 XCMG ACSR 26/7, DRAKE AT 10,000 LBS NESC HVV (KPCO)

NOTE:
 OVERHEAD SHIELD WIRE IS
 DISPLAYED @ 0" FOR FAA
 PURPOSES. WHILE THE CONDUCTOR
 IS DISPLAYED @ BOTH THE 120" F
 AND THE "MOT" WEATHER CASES.

FAA NOTE:
 ○ DENOTES LEFT GROUND WIRE MARKERS.
 ○ DENOTES RIGHT GROUND WIRE MARKERS.

SPHERICAL MARKERS ARE PLACED ALONG THE SHIELD WIRE
 (TOP MOST WIRE) IN SPANS WHERE THE SHIELD WIRE HAS A
 SEGMENT OF CATENARY THAT EXCEEDS 200' ABOVE GROUND
 LEVEL AND WILL BE SPACED 200' APART UNLESS SPECIFIED BY
 THE FAA. WHERE THERE ARE 2 SHIELD WIRES, MARKERS WILL BE
 PLACED ALTERNATELY TO DISTRIBUTE THE LOAD AND WILL BE
 SHOWN USING THE LEGEND SYMBOLOLOGY ABOVE. MARKERS ARE
 TO BE INSTALLED BY ALTERNATING SOLID-COLORED MARKERS OF
 AVIATION ORANGE, WHITE, AND YELLOW WITH AN ORANGE MARKER
 BEING PLACED AT EACH END, WHEN LESS THAN 4 MARKERS ARE
 USED, ALL MARKERS WILL BE ORANGE.

1252-18
 289+15.38
 KPCO
 E545-2714
 LT: 100FT-HB-14.24FT
 RT: 100FT-HB-14FT
 GALV
 2025
 NCI (200)
 NORM
 5.68FT
 1144P/ENG/GR
 16.5 POLE SPACING
 LAT: 37°19'45.87" N
 LONG: 83°19'57.23" W

1252-19
 299+35.38
 KPCO
 E545-2712
 LT: 100FT-HB-14FT
 RT: 90FT-HB-14.54FT
 GALV
 2025
 NCI (200)
 NORM
 5.68FT
 1144P/ENG/GR
 16.5 POLE SPACING
 LAT: 37°19'45.86" N
 LONG: 83°19'57.23" W

REV	DESCRIPTION	DATE	BY
0	ISSUED FOR RECORD	12/18/2023	JBR

HORIZONTAL
 0.50 (10) 200'
 VERTICAL
 0.10 (20) 40'

STATE OF KENTUCKY
 LESLIE COUNTY



POWER ENGINEERS
 REESTABLISHMENT NO. 1847

ENGR BY: DMH	CHKD BY: BOM
DSN BY: SQM	APP BY: KLS
DATE: 12/18/2023	SCALE: NA

WOOTON - STINNETT 161KV LINE
 PLAN & PROFILE

DATE: 06/27/2021	EQUIP: TLM 8021232
SHEET: 11	REV: 0



REFER TO GENERAL INFORMATION SHEETS FOR ADDITIONAL LINE DATA DATA:
 SHEET 2 FOR LEGEND, LINE DATA TABLE, GENERAL NOTES,
 SUPPLEMENTAL INFORMATION AND GUYING & ANCHOR INFORMATION,
 SHEET 2A FOR PHASING DIAGRAM,
 SHEET 2B FOR CONDUCTOR DAMPER AND SHIELD WIRE DAMPER INFORMATION.