



POLE DEAD ENDS				
BILL OF MATERIAL				
MARK	PD1	PD2	PD3	PD4
WIRE SIZE	3/8"	7/16"	5/8"	3/4"
SKETCH No.	1	1	2	2
ITEM	No. MARK	No. MARK	No. MARK	No. MARK
1 U-BOLT	—	—	1 UB-34	1 UB-34
2 SHACKLE	1 S-20	1 S-20	1 S-20	1 S-20
3 PIN	1 NP-5	1 NP-1	1 NP-5	1 NP-1
4 SOCKET	1 MF-1	1 MF-4C	1 MF-1	1 MF-4C

SECTIONALIZING INSULATORS																
BILL OF MATERIAL FOR PREFERRED ASSEMBLIES																
MARK	SE1A-SE1B	SE2A-SE2B	SE3A-SE3B	SE4A-SE4B	SE5A-SE5B	SE6A-SE6B	SE7A-SE7B	SE8A-SE8B	SE9A-SE9B	SE10A-SE10B	SE11A-SE11B	SE12A-SE12B	SE13A-SE13B	SE14A-SE14B	SE15A-SE15B	SE16A-SE16B
WIRE "A"	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND
WIRE "B"	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND	3/8 COMP STRAND
SKETCH No.	11	14	11	16	13	17	11	17	11	11	12	16	15	18	12	12
ITEM	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK
1 SOCKET EXB	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 SOCKET EXB	1 MF-3	2 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3	1 MF-3
3 PIN	—	2 NP-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4 ADAPTER	—	1 ND-1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5 PIN	1 NP-5	1 ND-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6 INSULATOR	A-2	A-1	A-2	A-2	A-1	A-2	A-2	A-2	A-1	A-1	A-2	A-2	A-1	A-1	A-2	A-2
7 SOCKET EXB	1 MF-1	—	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4	1 OB-3/4
8 WIRE CLAMP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 CLEVIS END THIMBLE SHACKLE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10 ADAPTER	—	1 ND-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE 1 - (ITEM 15) - USE # INSULATORS FOR SUBSCRIPT A.  
USE # INSULATORS FOR SUBSCRIPT B.

SECTIONALIZING INSULATORS																
BILL OF MATERIAL FOR ALTERNATE ASSEMBLIES WHERE O.B. FITTINGS ARE NOT AVAILABLE																
MARK	SE1A-SE1B	SE2A-SE2B	SE3A-SE3B	SE4A-SE4B	SE5A-SE5B	SE6A-SE6B	SE7A-SE7B	SE8A-SE8B	SE9A-SE9B	SE10A-SE10B	SE11A-SE11B	SE12A-SE12B	SE13A-SE13B	SE14A-SE14B	SE15A-SE15B	SE16A-SE16B
WIRE "A"	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.
WIRE "B"	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.	3/8 COMP STR.
SKETCH No.	—	—	21	12	22	20	24	20	24	24	—	12	23	25	19	12
ITEM	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK	No. MARK
1 SOCKET EXB	—	—	1 MF-3	1 MF-3	1 NP-5	—	—	—	—	—	—	1 MF-3	1 MF-3	1 ND-5	1 ND-5	1 MF-3
2 PIN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 ADAPTER	—	—	—	—	1 ND-1	—	—	—	—	—	—	—	1 ND-1	—	—	—
4 PIN	—	—	1 NP-5	1 NP-5	1 NP-2	1 NP-5	1 NP-5	1 NP-5	1 NP-5	1 NP-5	—	—	1 NP-5	1 NP-2	1 NP-5	1 NP-5
5 INSULATOR	—	—	A-2	A-2	A-1	A-2	A-2	A-2	A-1	A-1	—	—	A-2	A-2	A-2	A-2
6 WIRE CLAMP	—	—	3 5/8"	3 5/8"	3 1/2"	6 5/8"	6 5/8"	12 1/2"	6 1/2"	6 1/2"	—	—	6 1/2"	6 1/2"	9 1/2"	9 5/8"
7 CLEVIS END THIMBLE SHACKLE	—	—	1 S-8	1 S-11	1 S-10	1 S-11	1 S-8	1 S-11	1 S-10	1 S-10	—	—	1 S-11	—	1 S-11	1 S-11
8 ADAPTER	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 CLEVIS END THIMBLE SHACKLE	—	—	—	—	—	1 S-12	1 S-7A	1 S-12	1 S-9	—	—	—	—	—	—	—

\* SEE NOTE #1

NOTE 2 - O.B. REFERS TO OHIO BRASS CO.

REFERENCE DRAWINGS

SOCKETS	THIMBLE SHACKLES	O.B. CLAMP - CLEVIS END
MF-1	ET-662-E 57A	14 E-06
MF-3	ET-662-E 58	14 E-06
MF-4C	ET-944-E 59	14 E-07
MF-4C	ET-944-E 510	14 E-08
INSULATORS	ET-44-E 511	336-100
INSULATOR A-1	11B-1201	ET-45-E 470
INSULATOR A-2	11B-1201	ET-305-E 470
U-BOLTS & PINS	ET-145-E	O.B. CLAMP - EYE END
NP-1	11B-1206	WIRE SIZE CAT. NO. Q.D.W.S. NO.
NP-2	11B-1206	3/8 20723 21782
NP-5	11B-1206	3/8 400 24557
		4/0 12369
		3/8 400 2312 1
		4/0
		4/0

REV.	DATE	BY	CHKD.	APPD.
1	1-24-41	RAL		
2	4-17-55	JRS	RDT	WHE
3	12-31-60			
4	1-14-61			
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THE PENNSYLVANIA RAILROAD  
ELECTRIFIED TERRITORY  
SECTIONALIZING & DEAD END ASSEMBLY