

APPARATUS

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A-26-01	1 - 2	CUTOUT 1Ø ONE WAY TAP	D	E
A-26-02	1 - 2	CUTOUT 1Ø TANGENT TWO WAY FEED	B	D
A-26-03	1 - 2	CUTOUT 1Ø IN LINE FUSING	D	D
A-26-04	1 - 3	CUTOUT / DISCONNECT 3Ø TAP OFF	B / B	C
A-26-05	1 - 2	DISCONNECT - SOLID BLADE 3Ø TANGENT	D	D
A-26-06	1 - 3	GANG OPERATED POLE TOP SWITCH 3Ø 25 kV - 600 AMPS	F	F / 0
A-26-07	1 - 5	1Ø RECLOSER ONE OR TWO-WAY FEED	J / E / B	L / B
A-26-08	1 - 6	1Ø RECLOSER IN LINE FEED	I / D / D / A	I / A
A-26-09	1 - 3	3Ø RECLOSER	I	H / G
A-26-10	1 - 3	3 - 1Ø RECLOSERS	I	I / B
A-26-11	1 - 6	3Ø RECLOSER	L / I / A	K / L / A
A-26-12	1 - 2	1Ø AUTO TRANSFORMER 14.4 kV - 300 OR 600 KVA	E	E
A-26-13	1 - 2	1Ø 14.4 kV VOLTAGE REGULATOR	D	E
A-26-14	1 - 3	1Ø VOLTAGE REGULATOR PLATFORM MOUNT 14.4 kV - 50 TO 100 AMPS	C	D / 0
A-26-15	1 - 7	25 kV - 3 x 1Ø REGULATOR STRUCTURE	J / C / C / B	J / K / A
A-26-16	1 - 3	CAPACITORS - 450 KVAR 14.4KV OR 2.4KV	D	E / E
A-26-17	1 - 3	CAPACITORS - 900 KVAR URBAN OR RURAL	A	A / B
A-26-18	1 - 2	3Ø SHUNT INTERCONNECTION OF "E" RECLOSERS	A	0
A-26-19	1 - 3	GOPT PARALLELING FEEDERS	C	D / 0
A-26-20	1 - 4	25 kV - 400A - 3 x 1Ø 400A REGULATOR STRUCTURE	E	F / F / A
A-26-22	1 - 4	AUTO SWITCHED CAPACITOR BANK, 450 AND 900KVAR, 25kV	B / -	A / C
A-26-23	1 - 2	INTELLIRUPTER 3Ø RECLOSER	C	B
A-26-24	1 - 3	INTELLIRUPTER 3Ø RECLOSER WITH BYPASS	B	B / A
A-26-25	1 - 1	COILED RISERS	A	
A-26-26	1 - 2	THREE PHASE INLINE DISCONNECT	A	-

SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	INDEX	
L MOEN	P PATEL	CHKD. LM		
		2022/02/17		
DATE OF ISSUE: 2022-08-15		DRAWING NO: A-26-INDEX	SHEET 1 of 1	REV. AD

APPARATUS

1. GENERAL COMMENTS

- 1.1 SOURCE SIDE RISERS TO BE CONNECTED USING HOT TAPS AND BAIL CLAMPS. LOAD SIDE RISERS ARE TO BE CRIMPED EXCEPT CAPACITOR BANK. LOAD SIDE RISERS OF CAPACITOR BANK ARE TO BE HOT TAPS AND BAIL CLAMPS.
- 1.2 ALL RISERS TO BE # 2/7 STRAND COPPER UNLESS INDICATED OTHERWISE.
- 1.3 GROUND WIRE TO BE ON OPPOSITE SIDE OF POLE TO DISCONNECTS, CUTOUTS OR BYPASS.
- 1.4 ALL GROUND WIRES TO BE #4 / 7 STRAND COPPER UNLESS INDICATED OTHERWISE.
- 1.5 WHERE CURRENT FLOWS IN THE GROUND WIRE (i.e.: CAPACITORS & REGULATORS) TWO (2) PATHS TO GROUND SHALL BE INSTALLED.
- 1.6 MINIMUM CLEARANCES FOR 25KV ARE:
 - (A) LINE TO GROUND = 250mm
 - (B) LINE TO LINE = 380mm
- 1.7 MINIMUM CLEARANCES FOR 4.16 / 2.4KV ARE:
 - (A) LINE TO GROUND = 230mm
 - (B) LINE TO LINE = 280mm
- 1.8 POLYMER DEAD-ENDS HAVE VERY HIGH TENSILE STRENGTH, BUT DO NOT HAVE GOOD TORSIONAL (TWISTING) STRENGTH NOR DO THEY HAVE GOOD CANTILEVER (BENDING) STRENGTH. IF THEY GET CONTAMINATED, PRESSURIZED WATER WASHING ONLY IS REQUIRED.
- 1.9 WILDLIFE GUARDS (BIRD GUARDS, BUSHING COVER AND RISER COVER) ARE AVAILABLE FOR USE ON APPARATUS BUSHINGS AS REQUIRED.
THE CODE NUMBERS ARE:
 - 1 34 02 - FOR SINGLE BUSHING TRANSFORMERS, FLEXIBLE FINGERS TYPE, 16" DIAMETER, CAN BE APPLIED ENERGIZED.
 - 1 35 38 - RISER COVER, TO BE INSTALLED UP TO 6" BELOW CUTOUT, MADE OF SILICONE RUBBER, CUT TO LENGTH.
 - 1 35 41 - BUSHING COVER, HOTSTICK INSTALLABLE, MADE OF POLYPROPYLENE COPOLYMER. CAN BE APPLIED ENERGIZED.

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APPROVAL	DESIGN CHK	DRN. BG	GENERAL INFORMATION APPARATUS	
L. MOEN	B. GEBHART	CHKD. LM		
		2021-05-04		
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2. CUTOUTS & DISCONNECTS

- 2.1 ALL 25 KV SWITCH RISERS TO BE SAME AMPACITY AS THE LINE CONDUCTOR AND CONNECTED TO THE SWITCH WITH COMPRESSION CONNECTORS.
- 2.2 A BUTTON HEAD SOLID LINK, 7 38 00 IS AVAILABLE FOR THE 27 KV – 200 AMPS RATED BARREL TYPE CUTOUT 2 12 63. THOSE LINKS MAY BE USE WHERE DISCONNECT MEANS ARE REQUIRED AND NOT CO-ORDINATE OR LOAD FUSING.
- 2.3 ANY 2Ø OR 3Ø PRIMARY LINE REQUIRES CUTOUTS OR DISCONNECTS OF 25 KV RATING.
- 2.4 25 KV - 3Ø (2W OR 3W) APPLICATION:
- 2.4.1 CODE # 2 12 62 - 27 KV, 100 AMPS, 12,000 AMPS INTERRUPTING CAPACITY, LOAD BREAK. TO BE USED FOR LOAD BREAK APPLICATIONS UP TO 4330 KVA AND CAPACITOR BANKS UP TO 900 KVAR.
 - 2.4.2 CODE # 2 12 63 - 27 KV, 200 AMPS, 10,000 AMPS INTERRUPTING CAPACITY, LOAD BREAK. TO BE USED FOR LOAD BREAK APPLICATIONS FROM 4330 KVA TO 8660 KVA.
 - 2.4.3 CODE # 2 12 67 - 27 KV, 100 AMPS, 12,000 AMPS INTERRUPTING CAPACITY. USED ON ALL 3Ø INSTALLATIONS UP TO 4330 KVA WHERE NO LOAD BREAK CAPABILITIES ARE REQUIRED.
 - 2.4.4 CODE # 2 12 68 - 27 KV, 200 AMPS, 10,000 AMPS INTERRUPTING CAPACITY. TO BE USED ON ALL LOADS FROM 4330 KVA TO 8660 KVA WHERE NO-LOAD BREAK CAPABILITIES ARE REQUIRED.
 - 2.4.5 CODE # 2 71 76 - DISCONNECT SWITCH, 25 KV, 600 AMPS, SINGLE ARM MOUNTING. TO BE USED WHERE A SOLID BLADE DISCONNECT IS REQUIRED.
 - 2.4.6 CODE # 2 71 78 - O.C.R. BY-PASS SWITCH, 27 KV, 600 AMPS, 150 BIL. TO BE USED WHERE A BY-PASS SWITCH IS REQUIRED.
- 2.5 14.4 KV 1Ø APPLICATION:
- 2.5.1 CODE # 2 12 33 - 15 KV, 100 AMPS, 12,000 AMPS INTERRUPTING CAPACITY. TO BE USED FOR CONTAMINATED AREAS UP TO 720 KVA.
 - 2.5.2 CODE # 2 12 62 - 27 KV, 100 AMPS, 12,000 AMPS INTERRUPTING CAPACITY, LOAD BREAK. TO BE USED FOR LOAD BREAK APPLICATION UP TO 1440 KVA.
 - 2.5.3 CODE # 2 12 67 - 27 KV, 100 AMPS, 12,000 AMPS INTERRUPTING CAPACITY. TO BE USED ON ANY 14.4 KV 1Ø LINE WITHIN 5 MILES OF A 72 - 25 KV SUBSTATION SOURCE AND UP TO 1440 KVA LOAD.
 - 2.5.4 CODE # 2 71 41 - 25 KV, 400 AMPS, 12,000 AMPS INTERRUPTING CAPACITY. TO BE USED AS REGULATOR BY-PASS.
 - 2.5.5 CODE # 2 71 52 - 15 KV, 300 AMPS, 12,000 AMPS INTERRUPTING CAPACITY. TO BE USED ON ANY 14.4 KV 1P LINE.
 - 2.5.6 CODE # 2 71 75 - DISCONNECT SWITCH, 15 KV, 400 AMPS. TO BE USED WHERE A SOLID BLADE DISCONNECT IS REQUIRED.
 - 2.5.7 CODE # 2 71 78 - O.C.R. BYPASS SWITCH, 27 KV, 600 AMPS, 150 BIL. TO BE USED WHERE A BYPASS SWITCH IS REQUIRED.

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APPROVAL L. MOEN	DESIGN CHK J. ARSENAULT	DRN. JDA CHKD.	CUTOUTS & DISCONNECTS
		2019-01-23	
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2. CUTOUTS & DISCONNECTS (CON'T)

2.6 2.4/4.16 KV 1Ø OR 3Ø (2 OR 3 WIRE) APPLICATIONS.

- 2.6.1 CODE # 2 12 62 - 27 KV, 100 AMPS, 12,000 AMPS INTERRUPTING CAPACITY, LOAD BREAK. TO BE USED FOR GENERAL LOAD BREAK APPLICATIONS AND CAPACITOR BANKS UP TO 450 KVAR. ALSO FOR GENERAL LOADS UP TO 720 KVA AT 4.16 KV AND 415 KVA ON 2.4 KV SYSTEMS.
- 2.6.2 CODE # 2 12 63 - 27 KV, 200 AMPS, 10,000 AMPS INTERRUPTING CAPACITY, LOAD BREAK. TO BE USED FOR LOAD BREAK APPLICATIONS WITH LOADS FROM 720 - 1440 KVA ON 4.16 KV SYSTEMS AND FROM 415 - 830 KVA ON 2.4 KV SYSTEMS. ALSO TO BE USED ON 900 KVAR CAPACITOR BANKS.
- 2.6.3 CODE # 2 12 67 - 27 KV, 100 AMPS, 12,000 AMPS INTERRUPTING CAPACITY. TO BE USED ON ALL APPLICATIONS WHERE A CUTOUT IS REQUIRED FOR LOADS UP TO 720 KVA AT 4.16 KV OR 415 KVA ON 2.4 KV SYSTEMS.
- 2.6.4 CODE # 2 12 68 - 27 KV, 200 AMPS, 10,000 AMPS INTERRUPTING CAPACITY. TO BE USED FOR LOAD FROM 720 -1440 KVA ON THE 4.16 KV SYSTEM AND FROM 415 - 830 KVA ON THE 2.4 KV SYSTEM.
- 2.6.5 CODE # 2 71 75 - DISCONNECT SWITCH, 15 KV, 400 AMPS. TO BE USED WHERE A SOLID BLADE DISCONNECT IS REQUIRED.

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APPROVAL	DESIGN CHK	DRN. L.B	CUTOUTS & DISCONNECTS
M. ERETH	L. BAILEY	CHKD.	
		2015-02-05	
DATE OF ISSUE: 2015/04/28		DRAWING NO: A-26-00	SHEET 3 OF 10 REV. 0

3. ARRESTERS

- 3.1 WHEN INSTALLING ARRESTERS, ALWAYS INSTALL THE VENT POSITION AWAY FROM EQUIPMENT.
- 3.2 ARRESTER SHOULD BE PLACED AS CLOSE AS POSSIBLE TO THE EQUIPMENT IT IS INTENDED TO PROTECT IN ORDER TO MINIMIZE THE LEAD LENGTH.
- 3.3 ARRESTER GROUNDS ARE TO BE SECURED WITHIN 400 mm, IF POSSIBLE, TO PREVENT ISOLATOR LEAD FROM FALLING ON OTHER EQUIPMENT, BUT SUFFICIENT SLACK IS REQUIRED SO THAT DISCONNECTOR CAN BLOW CLEAR.
- 3.4 ALL ARRESTER LEADS MUST BE KEPT TO A MINIMUM OF 150 mm CLEAR OF ANY HARDWARE OR TO BE SOLIDLY BONDED TO THAT HARDWARE AND THUS PREVENTING RADIO INTERFERENCE.
- 3.5 14.4/25 KV ARRESTER APPLICATION:
 - 3.5.1 CODE # 8 02 18, 18 KV RISER POLE, MOV IN A POLYMER HOUSING c/w BRACKET & CROSSARM HANGER BRACKET FOR URBAN USE.
 - 3.5.2 CODE # 6 02 21, 21 KV, HEAVY DUTY DISTRIBUTION CLASS MOV IN A POLYMER HOUSING c/w BRACKET FOR RURAL USE.
- 3.6 2.4/4.16 KV ARRESTER APPLICATION:
 - 3.6.1 CODE # 6 02 03, 3 KV, URBAN DISTRIBUTION CLASS. TO BE USED FOR PROTECTING 2400 AND 4160 VOLTS 1Ø, 2Ø OR 3Ø EQUIPMENT IN URBAN INSTALLATIONS.
- 3.7 600 VOLTS ARRESTER APPLICATION:
 - 3.7.1 CODE # 6 04 02, 600 VOLTS, 2 POLE, SINGLE PHASE. TO BE USED ON LOW VOLTAGE SYSTEMS, 600 VOLTS OR LOWER.

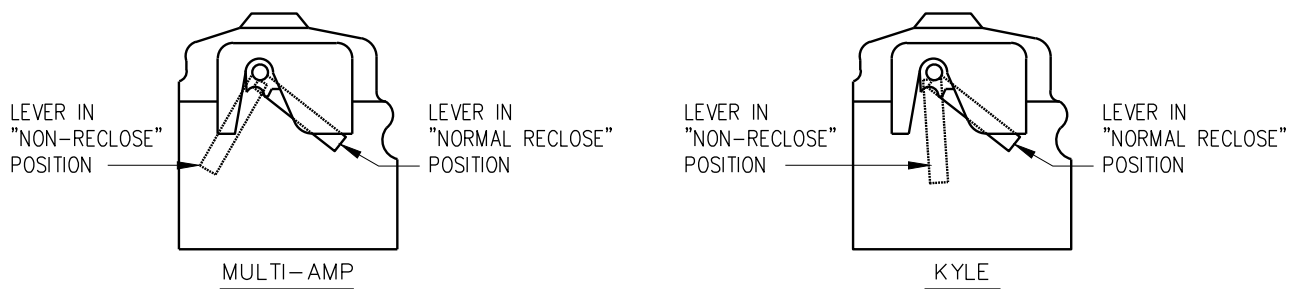
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APPROVAL M. ERETH	DESIGN CHK L. BAILEY	DRN. L.B CHKD. 2015-02-05	ARRESTERS
DATE OF ISSUE: 2015/04/28		DRAWING NO: A-26-00	SHEET 4 of 10 REV. B

4. RECLOSERS

- 4.1 ALL RECLOSERS TO BE MOUNTED SO OPERATING COUNTER IS VISIBLE FROM POLE.
- 4.2 RISERS MUST BE BROUGHT UP AS VERTICALLY AS POSSIBLE. IF BROUGHT OUT HORIZONTALLY AND THEN UPWARDS, BIRDS MAY BE ENCOURAGED TO LAND.
- 4.3 STOCK CODED O.C.R.'S ARE GENERALLY SUPPLIED BY KYLE OR MULTI-AMP. THERE ARE SLIGHT DIFFERENCES IN THE OPERATION AND POSITIONS OF THE NON-RECLOSING LEVERS OF THE TWO DIFFERENT MODELS.
- 4.4 THE MOST COMMON TYPE OF O.C.R.'S USED IN THE RURAL SYSTEM ARE THE KYLE TYPE E, H, 3H OR 6H. THE PREFERRED SEQUENCE OF OPERATION IS TWO FAST – TWO SLOW. REFERRED TO AS 2A–2C OPERATION.
- 4.5 CHANGE O.C.R.'S TO A HIGHER CURRENT OR FAULT LEVEL RATING WHEN:
 - 4.5.1 AVAILABLE FAULT CURRENT IS EQUAL TO OR GREATER THAN THE FAULT LEVEL RATING OF THE O.C.R.
 - 4.5.2 LOAD CURRENT IS EQUAL OR GREATER THAN 1.2 TIMES THE LOAD CURRENT RATING OF THE O.C.R.
 - 4.5.3 THE END OF THE LINE FAULT LEVEL IS CALCULATED TO BE 2.5 TIMES THE LOAD CURRENT RATING OF THE O.C.R. (ie: 25 AMP O.C.R. x 2.5 = 62.5 AMP GROUND FAULT FOR LINE END).



SaskPower – DISTRIBUTION STANDARDS				
APPROVAL M.ERETH	DESIGN CHK. L.BAILEY	DRN. A.GATZKE CHKD.	GERNERAL INFORMATION RECLOSERS	
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4. RECLOSERS (CONT.)

4.6 RECLOSER CODE NUMBERS:

REFER TO STANDARD ENGINEERING PRACTICES SECTION 5.

- 4.6.1 CODE # 2 33 XX - KYLE - 1Ø, 15KV 2A2C SEQUENCE, OCR TYPE H OR EQUIVALENT.
- 4.6.2 CODE # 2 34 XX - KYLE - 3Ø, 15KV 2A2C SEQUENCE, OCR TYPE 3H OR 6H OR EQUIVALENT.
- 4.6.3 CODE # 2 36 XX - KYLE - 1Ø, 25KV 2A2C SEQUENCE, OCR TYPE E OR EQUIVALENT.
- 4.6.4 CODE # 2 37 XX - KYLE - 1Ø, 15KV 2A2C SEQUENCE, OCR TYPE L OR EQUIVALENT
- 4.6.5 CODE # 2 43 2X - NOVA TRIPLE SINGLE - 3Ø, 27KV, 12.5KA INTERRUPTING, 800A CONTINUOUS.
- 4.6.6 CODE # 2 43 30 - 1Ø, 25KV 2A2C SEQUENCE, 230A, OCR TYPE 4E OR EQUIVALENT.
- 4.6.7 CODE # 2 43 52 - 1Ø, 25KV 2A2C SEQUENCE, 280A, OCR TYPE 4E OR EQUIVALENT.
- 4.6.8 CODE # 2 43 53 - 3Ø, 27KV, 630A, 12.5KA INTERRUPTING, OVR VACUUM INTERRUPTER, 1Ø TRIP- 3Ø LOCKOUT.
- 4.6.9 CODE # 2 43 54 - 3Ø, 25KV, 400A, TYPE RVE OR CRVE. REPAIR ONLY- NO LONGER PURCHASE.
- 4.7.0 CODE # 2 43 55 - 3Ø, 25KV, 560A, TYPE WVE. REPAIR ONLY-NO LONGER PURCHASE.
- 4.7.1 CODE # 2 43 56 - 3Ø, 25KV, 560A, VACUUM INTERRUPTER, PADMOUNTED TYPE PWVE OR EQUIV.
- 4.7.2 CODE # 2 43 58 - 3Ø, 25KV, 560A, VACUUM INTERRUPTER TYPE VWVE. REPAIR ONLY- NO LONGER PURCHASE
- 4.7.3 CODE # 2 43 59 - 3Ø, 27KV, 630A, NOVA, VACUUM INTERRUPTER AUTOMATIC CIRCUIT RECLOSER.
- 4.7.4 CODE # 2 44 40 - HUBBELL VERSA TECH - 1Ø, 27KV, 400A, 8KA INTERRUPTING, FULLY PROGRAMMABLE c/w REMOTE RADIO AND BATTERY.
- 4.7.5 CODE # 2 44 50 - S&C TRIPSAVER II - 1Ø, 29KV, 6300A INTERRUPTING, 100A CONTINUOUS, CUTOUT MOUNTED
- 4.7.6 CODE # 2 45 01 - S&C INTELLIRUPTER - 3Ø, 27KV, 12.5KA INTERRUPTING, 800AMPS CONTINUOUS.

4.8 FEEDERS WITH GENERATION INTERCONNECTION:

FEEDERS THAT HAVE GENERATION INTERCONNECTION SHALL NOT UTILIZE FORM6 CONTROLLERS. FEEDERS SHALL INSTEAD USE SEL 651 CONTROLLER (715323). THIS CONTROLLER IS RACKMOUNT AND REQUIRES A REG SHACK (8 10 66) TO HOUSE AND CONTROLLER CABLE (2 43 28).

COMMUNICATION AND OTHER EQUIPMENT MAY ALSO BE REQUIRED. PLEASE CONSULT WITH DISTRIBUTION ENGINEERING OPS & MTCE AND NETWORK ENGINEERING.

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5. REGULATORS

5.1 LOADING OF 3Ø REGULATORS MUST NOT EXCEED 135 % OF THE AVERAGE 3Ø LINE CURRENT RATING WITH A MAXIMUM UNBALANCE OF 10 %. THE EXCEPTION ARE THE 3Ø BROWN BOVERI UNITS THAT ONLY ALLOW 100 % OF AVERAGE 3Ø LINE CURRENT RATING WITH 10 % IMBALANCE.

5.2 LOADING OF 1Ø REGULATOR IS 135 % OF LINE CURRENT.

5.3 LOADING OF AUTO- TRANSFORMERS IS THE SAME AS FOR 1Ø REGULATORS.

5.4 REGULATOR CODES AND DESCRIPTIONS.

5.4.1 CODE # 8 37 87 - 14.4 KV 20 AMPS (300 KVA) 1Ø AUTO TRANS. 4 X 2-1/2 % STEPS (OBSOLETE).

5.4.2 CODE # 8 37 96 - 14.4 KV 40 AMPS (600 KVA) 1Ø AUTO TRANS. 4 X 2-1/2 % STEPS (OBSOLETE).

5.4.3 CODE # 8 39 44 - 14.4 KV 50 AMPS (72 KVA) 1Ø REGULATOR 32 X 5/8 % STEPS.

5.4.4 CODE # 8 39 47 - 14.4 KV 100 AMPS (144 KVA) 1Ø REGULATOR 32 X 5/8 % STEPS.

5.4.5 CODE # 8 39 48 - 14.4 KV 200 AMPS (288 KVA) 1Ø REGULATOR 32 X 5/8 % STEPS.

5.4.6 CODE # 8 39 49 - 14.4 KV 400 AMPS (576 KVA) 1Ø REGULATOR 32 X 5/8 % STEPS.

5.4.7 CODE # 8 39 50 - 14.4 KV 600 AMPS (864 KVA) 1Ø REGULATOR 32 X 5/8 % STEPS.

5.4.8 CODE # 8 39 51 - 14.4 KV 500 AMPS (720 KVA) 1Ø REGULATOR 32 X 5/8 % STEPS.

5.4.9 CODE # 8 39 72 - 14.4 KV 50 AMPS (72 KVA) 1Ø REGULATOR 4 X 2-1/2 % STEPS (OBSOLETE).

5.4.10 CODE # 8 40 42 - 25 KV 50 AMPS (216 KVA) 3Ø REGULATOR 32 X 5/8 % STEPS. NOT TO BE USED FOR NEW CONSTRUCTION.

ITEMS 5.4.1 AND 5.4.2, ABOVE, ARE MANUALLY ADJUSTED.
ALL OTHERS CHANGE STEPS AUTOMATICALLY.

5.5 PHASE MARKERS ARE TO BE INSTALLED ON STRUCTURES WITH THIS APPARATUS.

SaskPower - DISTRIBUTION STANDARDS				
APPROVAL	DESIGN CHK	DRN. L.B	REGULATORS	
M. ERETH	L. BAILEY	CHKD.		
		2015-02-05		
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REGULATORS 14.4KV, 1Ø

SASKPOWER CODE	TYPE	WEIGHT, KG (LBS)
8 39 72	50A, 4 steps	500 – 600 (1100 – 1320)
8 39 44	50A, 32 steps	700 – 1300 (1540 – 2860)
8 39 47	100A, 32 steps	1000 – 1300 (2200 – 2860)
8 39 48	200A, 32 steps	1300 – 1800 (2860 – 3960)
8 39 49	400A, 32 steps	2300 – 2800 (5060 – 6160)
8 39 51	500A, 32 steps	3000 – 3300 (6600 – 7260)
8 39 50	600A, 32 steps	3200 – 3500 (7040 – 7700)

PLATFORM STRENGTH RATING

SASKPOWER CODE	MINIMUM STRENGTH RATING, PER 3 EQUALLY LOADED POSITIONS, KG (LBS)
8 30 46	2,270 (5,000) – PER 1 UNIT, CONCENTRATED IN THE CENTER
8 30 50	2,040 (4,500)
8 30 70	4,080 (9,000)

PLATFORM PHYSICAL DIMENSIONS

SASKPOWER CODE	NOMINAL SPAN LENGTH, M (FT)	NOMINAL WIDTH, M (FT)
8 30 46	2.0 (6' 8")	1.0 (3'-3")
8 30 50	4.9 (16')	1.0 (3'-3")
8 30 70	4.9 (16')	1.2 (3'-11")

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L. MOEN	J. ARSENAULT	CHKD.	
		2018-09-24	
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6. CAPACITORS

- 6.1 A FIVE MINUTE DISCHARGE TIME IS REQUIRED BETWEEN THE ISOLATION AND GROUNDING OF ANY SYSTEM CAPACITOR. THIS DISCHARGE PERIOD IS ALSO REQUIRED BETWEEN DE-ENERGIZING AND RE-ENERGIZING.
- 6.2 FOR SWITCHING BANKS UP TO AND INCLUDING 900KVAR, A LOAD BREAK DISCONNECT SHOULD BE USED.
- 6.3 FUSING - USE A TYPE "T" FUSE. THE CORRECT SIZE IS INDICATED ON THE STRUCTURE DRAWING.
- 6.4 CAPACITOR CODE NUMBERS:
 - 6.4.1 CODE # 6 08 12 - 2.4 KV, 150 KVAR, 1Ø, 2 BUSHINGS.
TO BE USED ON 4160 VOLTS GROUNDED Y URBAN DISTRIBUTION SYSTEM ON 3Ø LINES.
 - 6.3.2 CODE # 6 10 12 - 14.4 KV, 150 KVAR, 1Ø, 2 BUSHINGS.
TO BE USED ON 25 KV SYSTEMS RURAL OR URBAN AND 72/25 KV SUBSTATIONS.
- 6.5 PHASE MARKERS ARE TO BE INSTALLED ON STRUCTURES WITH THESE APPARATUS.
- 6.6 RISER COVER MUST BE INSTALLED UP TO 6 INCHES BELOW CUTOUT.
- 6.7 ISOLATING OF CAPACITOR BANKS:
 - 6.7.1 FOR FIXED BANKS - USE LOAD BREAK TOOLS TO OPEN FUSED CUTOUTS.
 - 6.7.2 FOR SWITCHED BANKS - OPEN SWITCHES FIRST BY PUTTING THE CONTROLLER IN "MANUAL" AND "LOCAL" MODE THEN PRESS THE "OPEN" COMMAND BUTTON. NEXT, ISOLATE CAPACITOR BANK BY OPENING THE FUSED CUTOUTS USING A LOAD BREAK TOOL.
 - 6.7.3 WAIT AT LEAST FIVE (5) MINUTES AFTER ISOLATION FOR CAPACITORS TO DISCHARGE DOWN TO 50 VOLTS OR LESS BEFORE PROCEEDING TO THE NEXT STEP.
 - 6.7.4 VERIFY DISCHARGE OF THE CAPACITOR BANK BY CHECKING FOR POTENTIAL.
 - 6.7.5 TEMPORARILY GROUND EACH CAPACITOR UNIT BY TOUCHING ITS TERMINALS WITH A GROUNDED TIP AT THE END OF A HIGH VOLTAGE STICK.
 - 6.7.6 IT IS IMPORTANT THAT EACH PHASE AS WELL AS THE NEUTRAL (FOR UNDERGROUND BANKS) BE GROUNDED. GROUNDING SHOULD BE DONE ON THE LOAD SIDE OF THE SWITCHES.
- 6.8 RE- ENERGISING CAPACITOR BANKS:
 - 6.8.1 FOR FIXED BANKS - USE "HIGH-VOLTAGE STICK" TO CLOSE FUSED CUTOUTS.
 - 6.8.2 FOR SWITCHED BANKS - VERIFY DISCHARGE OF THE CAPACITOR BANK BY CHECKING FOR POTENTIAL.
 - 6.8.3 USE "HIGH-VOLTAGE STICK" TO CLOSE FUSED CUTOUTS THEN RETURN THE CONTROLLER TO "AUTOMATIC" MODE. **DO NOT CLOSE THE SWITCHES:** THE AUTOMATIC CAPACITOR CONTROLLER WILL CLOSE THE SWITCHES WHEN THE "CLOSED" CONDITIONS ARE MET.

WARNING: DO NOT RE-ENERGISE A CAPACITOR THAT HAS EXPERIENCED A FUSE OPERATION WITHOUT FIRST MAKING SURE THAT THE CAPACITOR HAS NOT FAILED (I.E. PERFORMED VISUAL INSPECTION AND CAPACITANCE TESTING).

SaskPower - DISTRIBUTION STANDARDS				
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M. ERETH	L. BAILEY	CHKD.		
		2015-03-11		
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7. G.O.P.T. (GROUP OPERATED POLE TOP) SWITCH

- 7.1 CODE # 2 69 40, 25KV, 2000 A, VERTICAL BREAK, HORIZONTAL MOUNT, LOAD BREAK WITH MOTOR, ROTATING OUTBOARD, USED IN SUBSTATIONS.
- 7.2 CODE # 2 69 44, 25 KV, 600 A, VERTICAL BREAK (OBSOLETE).
- 7.3 CODE # 2 69 45, 25KV, 600 A, LOAD BREAK.
TO BE USED TO PROVIDE NO - EXTERNAL - ARC CIRCUIT INTERRUPTION FOR OVERHEAD DISTRIBUTION FEEDERS. THEY ARE DESIGNED FOR LIVE - SWITCHING DUTIES SUCH AS: LOAD SPLITTING (PARALLEL OR LOOP SWITCHING), LOAD DROPPING AND ASSOCIATED CHARGING CURRENT.
- 7.4 CODE # 2 69 47, 25KV, 1200 A, LOAD BREAK - VERTICAL BREAK, HORIZONTAL MOUNT, ROTATING INBOARD OPERATOR.
- 7.5 CODE # 2 69 48, 25KV, 1200 A, LOAD BREAK -VERTICAL BREAK, HORIZONTAL MOUNT, ROTATING OUTBOARD OPERATOR.
- 7.6 CODE # 2 69 50, 25KV, 900 A, SUBSTATION LOAD BREAK SWITCH, SIDE BREAK, VERTICAL MOUNT, RECIPROCATING OUTBOARD OPERATOR.
- 7.7 CODE # 2 69 59, 25KV, 900 A, SUBSTATION LOAD BREAK SWITCH, SIDE BREAK, HORIZONTAL MOUNT, ROTATING OUTBOARD OPERATOR.
- 7.8 PHASE MARKERS ARE TO BE INSTALLED ON STRUCTURES WITH THESE APPARATUS.
- 7.9 SPARE STOCK CODE PARTS ARE:

S & C

- 2 69 56 BLADE ASSEMBLY KIT
- 2 69 58 LIVE PARTS RETROFIT KIT (USED TO RETROFIT VERSION R3 AND EARLIER)
- 2 69 85 JAW CONTACT ASSEMBLY
- 2 69 88 1.5" RIGID COUPLING
- 2 69 89 2" RIGID COUPLING
- 2 69 90 UNIVERSAL JOINT COUPLING (FEMALE/FEMALE)
- 2 69 91 UNIVERSAL JOINT COUPLING (MALE/FEMALE)
- 2 69 92 UNIVERSAL JOINT COUPLING (MALE/MALE)
- 2 69 94 CYPOXY STACK INSULATOR
- 2 69 96 CYPOXY INTERRUPTER
- 2 69 99 1.5" PIPE BEARING GUIDE

KEARNEY

- 2 69 95 LOAD BREAK DEVICE (SNUFFER)

HUBBELL/CHANCE

- 2 69 70 POLYMER STACK INSULATOR
- 2 69 76 INTERRUPTER
- 2 69 79 PLASTIC SHIELD
- 2 69 82 BLADE ASSEMBLY

BRIDGES/SIEMENS

- 2 69 74 INTERRUPTER

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. ARU	G.O.P.T. (GROUP OPERATED POLE TOP) SWITCH
L. MOEN	A. UHREN	CHKD.	
		2017-08-09	
DATE OF ISSUE: 2017-11-03		DRAWING NO: A-26-00	SHEET 10 of 10 REV. A

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 13 10	2	BOLT – MACHINE – 5/8" X 10"
2	1 35 31	1	BRACKET – "T"
3	1 78 12	1	SCREW – LAG – 1/2" X 4-1/2"
4	1 93 27	2	WASHER – LOCK – DOUBLE COIL – 5/8"
5	1 93 42	3	WASHER – SQUARE – 2-1/4" X 13/16" HOLE
6	2 02 70	1	CLAMP – HOTLINE
7	2 02 8X	1	CLAMP – HOTLINE WITH BAIL (SEE NOTE 1)
8	2 12 67	1	CUTOUT – 27 KV – 100 AMP
9	2 83 02	2 m	WIRE – CU – #2 – 7 STR
10	5 09 XX	1	CONNECTOR – COMPRESSION (SEE NOTE 1)
11	7 38 XX	1	FUSE LINK – BUTTON HEAD – TYPE "T"
12	7 69 64	0.02	SCREWS – WOOD – #14 X 2" HEX HEAD (100/BOX)
13	05 385 151	-	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 3)
14	05 385 20X	-	TAG – NUMBER – YELLOW (SEE NOTE 3)
14	05 385 209	-	TAG – DASH – YELLOW (SEE NOTE 3)
14	05 385 25X	-	TAG – LETTER – YELLOW (SEE NOTE 3)
15	05 638 32X	3	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 2)
15	05 638 329	1	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 2)
15	05 638 4XX	5	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 2)
16	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 2)
			<p>NOTES:</p> <ol style="list-style-type: none"> 1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS. 2. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION. 3. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

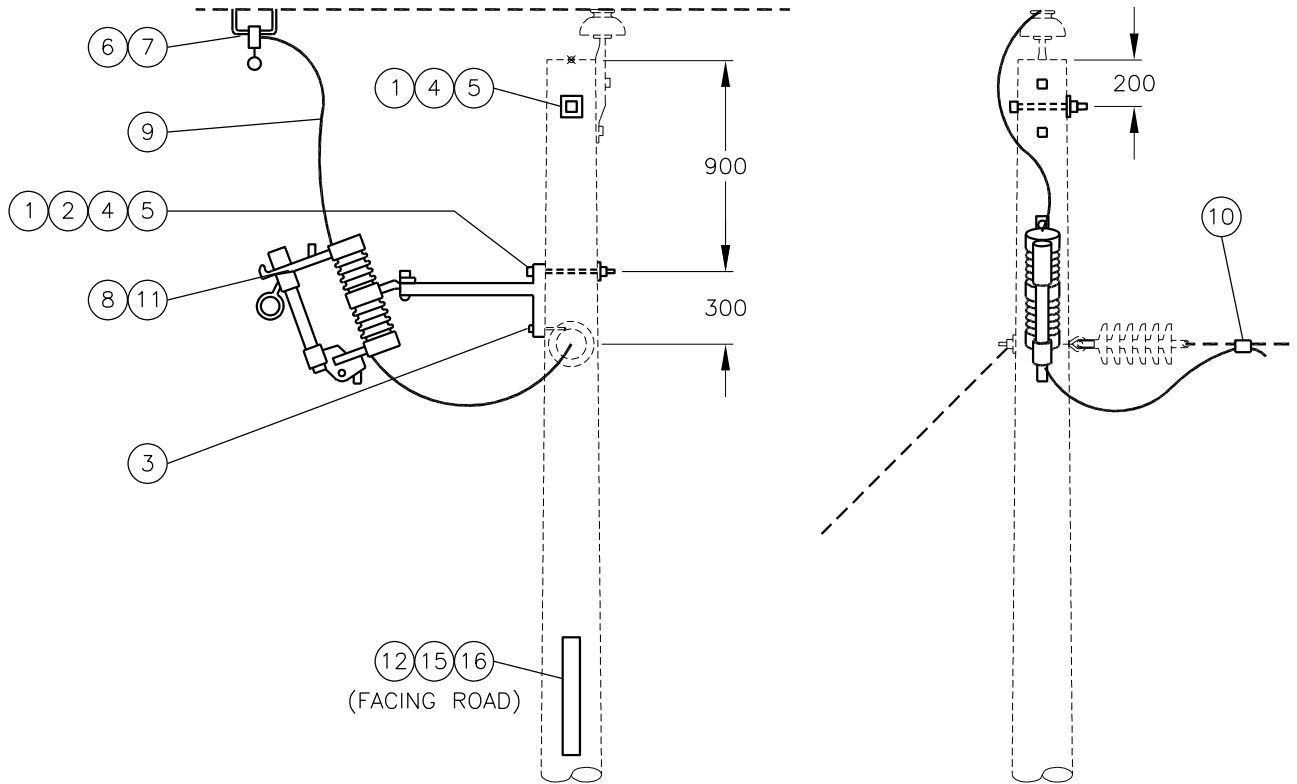
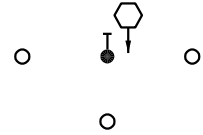
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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	CUTOUT 1 Ø ONE WAY TAP
L MOEN	P PATEL	CHKD. LM	
		2022/01/06	
DATE OF ISSUE: 2022-08-15		DRAWING NO: A-26-01	SHEET 1 OF 2
			REV. E

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STRUCTURES SHOWN HERE



NOTE:

1. REFER TO SECTION A-32 FOR GUYING AND ANCHORING DETAILS, AND MATERIALS.
2. REFER TO SECTION A-12 FOR FRAMING DETAILS.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL		DESIGN CHK.	DRN.I. JOHNSON	CUTOUT 1 ϕ ONE WAY TAP
L.MOEN		B. GEBHART	CHKD.	
			2019-08-22	
DATE OF ISSUE	2020/05/12	DRAWING NO.	A-26-01	SHEET 2 of 2
				REV. D

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 13 10	3	BOLT – MACHINE – 5/8" X 10"
2	1 35 31	1	BRACKET – "T"
3	1 78 12	1	SCREW – LAG – 1/2" X 4-1/2"
4	1 93 27	3	WASHER – LOCK – DOUBLE COIL – 5/8"
5	1 93 42	3	WASHER – SQUARE – 2-1/4" X 13/16" HOLE
6	2 02 70	1	CLAMP – HOT LINE
7	2 02 8X	1	CLAMP – HOT LINE WITH BAIL (SEE NOTE 1)
7	2 05 2X	1	CONNECTOR – AMPACT WITH BAIL (SEE NOTE 1)
8	2 06 9X	1	SHELL – TAP (AMPACT) (SEE NOTE 1)
9	2 12 67	1	CUTOUT – 27KV – 100 AMP
10	2 20 23	1	INSULATOR – PIN TYPE
11	2 29 20	1	PIN – VERTICAL ROD
12	2 83 02	3m	WIRE – CU – #2 – 7 STR
13	2 97 XX	1	TIE – SUPER TOP (SEE NOTE 1)
14	5 09 XX	1	CONNECTOR COMPRESSION (SEE NOTE 1)
15	7 38 XX	1	FUSE LINK – BUTTON HEAD – TYPE "T"
16	7 69 64	0.02	SCREWS – WOOD – #14 X 2" HEX HEAD (100/BOX)
17	05 385 151	-	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 3)
18	05 385 20X	-	TAG – NUMBER – YELLOW (SEE NOTE 3)
18	05 385 209	-	TAG – DASH – YELLOW (SEE NOTE 3)
18	05 385 25X	-	TAG – LETTER – YELLOW (SEE NOTE 3)
19	05 638 32X	3	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 2)
19	05 638 329	1	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 2)
19	05 638 4XX	5	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 2)
20	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 2)

NOTES:

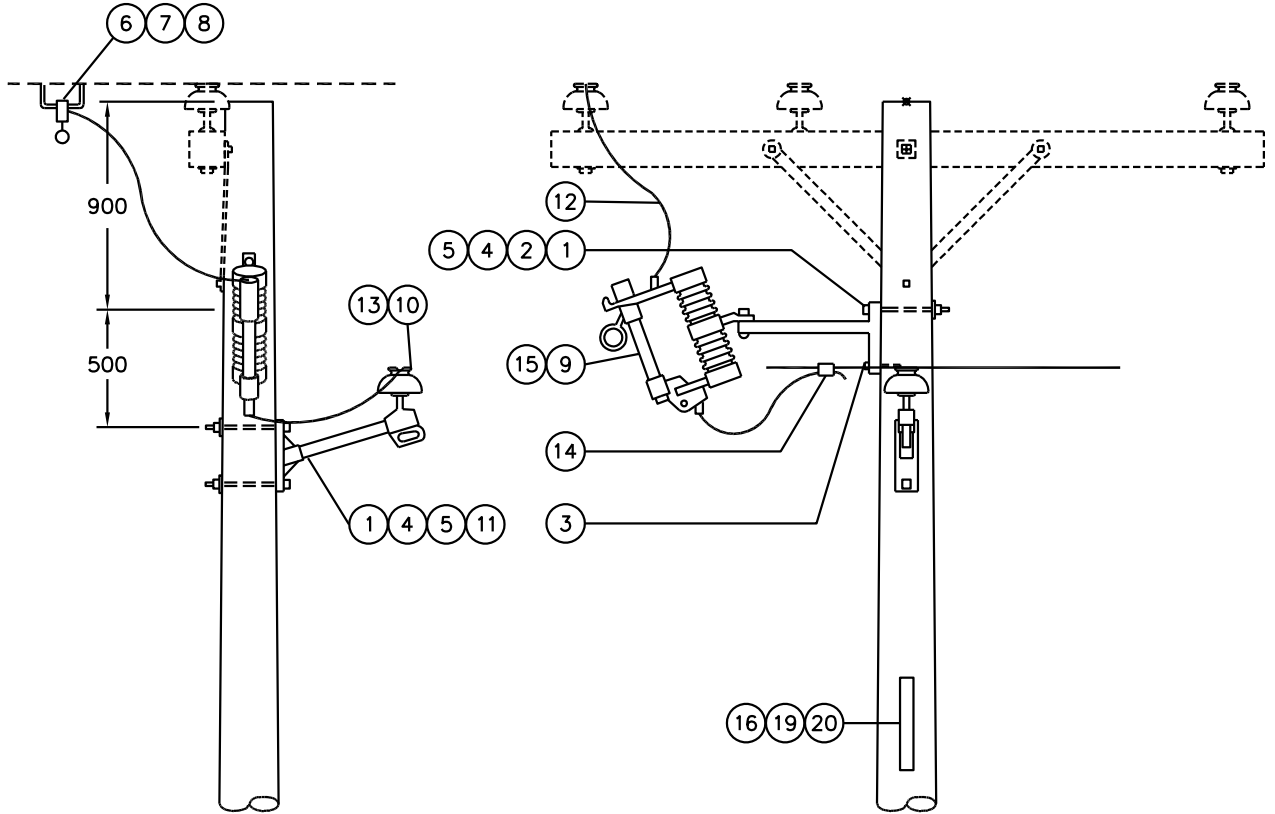
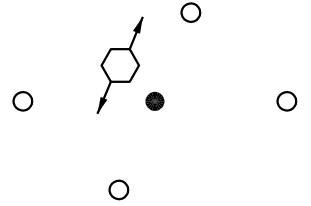
1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
3. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	CUTOUT 1Ø TANGENT TWO-WAY FEED
L MOEN	P PATEL	CHKD. LM	
		2022/01/06	
DATE OF ISSUE: 2022-08-15	DRAWING NO: A-26-02	SHEET 1 OF 2	REV. D

STRUCTURE USED HERE



NOTES:

1. DIMENSIONS FROM THE TOP OF THE POLE ARE THE SAME AS FOR A SINGLE PHASE LINE.
2. TAPS MAY BE DOUBLE DEAD-ENDED, USE TWO DEADEND INSULATORS AND APPROPRIATE GUYS AND ANCHORS.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

SCALE: N.T.S.

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL		DESIGN CHK.	DRN.I. JOHNSON	CUTOUT 1Ø TANGENT TWO WAY FEED
L. MOEN		B. GEBHART	CHKD.	
			2019-08-22	
DATE OF ISSUE	2020/05/12	DRAWING NO.	A-26-02	SHEET 2 of 2
				REV. B

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 13 10	2	BOLT – MACHINE – 5/8" X 10"
2	1 35 31	1	BRACKET – FOR CUTOUT, ARRESTER, TERMINATOR
3	1 78 12	1	SCREW – LAG – 1/2" X 4-1/2"
4	1 93 27	2	WASHER – LOCK – DOUBLE COIL – 5/8"
5	1 93 42	3	WASHER – SQUARE – 2-1/4" X 13/16" HOLE
6	2 XX XX	2	DEADEND – AUTOMATIC – CLEVIS TYPE (SEE NOTE 1)
7	2 02 70	1	CLAMP – HOTLINE
7	2 02 8X	1	CLAMP – HOTLINE WITH BAIL (SEE NOTE 1)
8	2 05 2X	1	CONNECTOR – AMPACT WITH BAIL (SEE NOTE 1)
9	2 06 9X	1	SHELL – TAP (AMPACT) (SEE NOTE 1)
10	2 12 67	1	CUTOUT – 27 KV – 100 AMP
11	2 29 25	1	INSULATOR – DEADEND – POLYMER – TONGUE-TO-TONGUE
12	2 83 02	3m	WIRE – CU – #2 – 7 STR
13	5 09 XX	1	CONNECTOR – COMPRESSION (SEE NOTE 1)
14	7 38 XX	1	FUSE LINK – BUTTON HEAD – TYPE "T"
15	7 69 64	0.02	SCREWS – WOOD – #14 X 2" HEX HEAD (100/BOX)
16	05 385 151	-	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 3)
17	05 385 20X	-	TAG – NUMBER – YELLOW (SEE NOTE 3)
17	05 385 209	-	TAG – DASH – YELLOW (SEE NOTE 3)
17	05 385 25X	-	TAG – LETTER – YELLOW (SEE NOTE 3)
18	05 638 32X	3	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 2)
18	05 638 329	1	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 2)
18	05 638 4XX	5	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 2)
19	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 2)

NOTES:

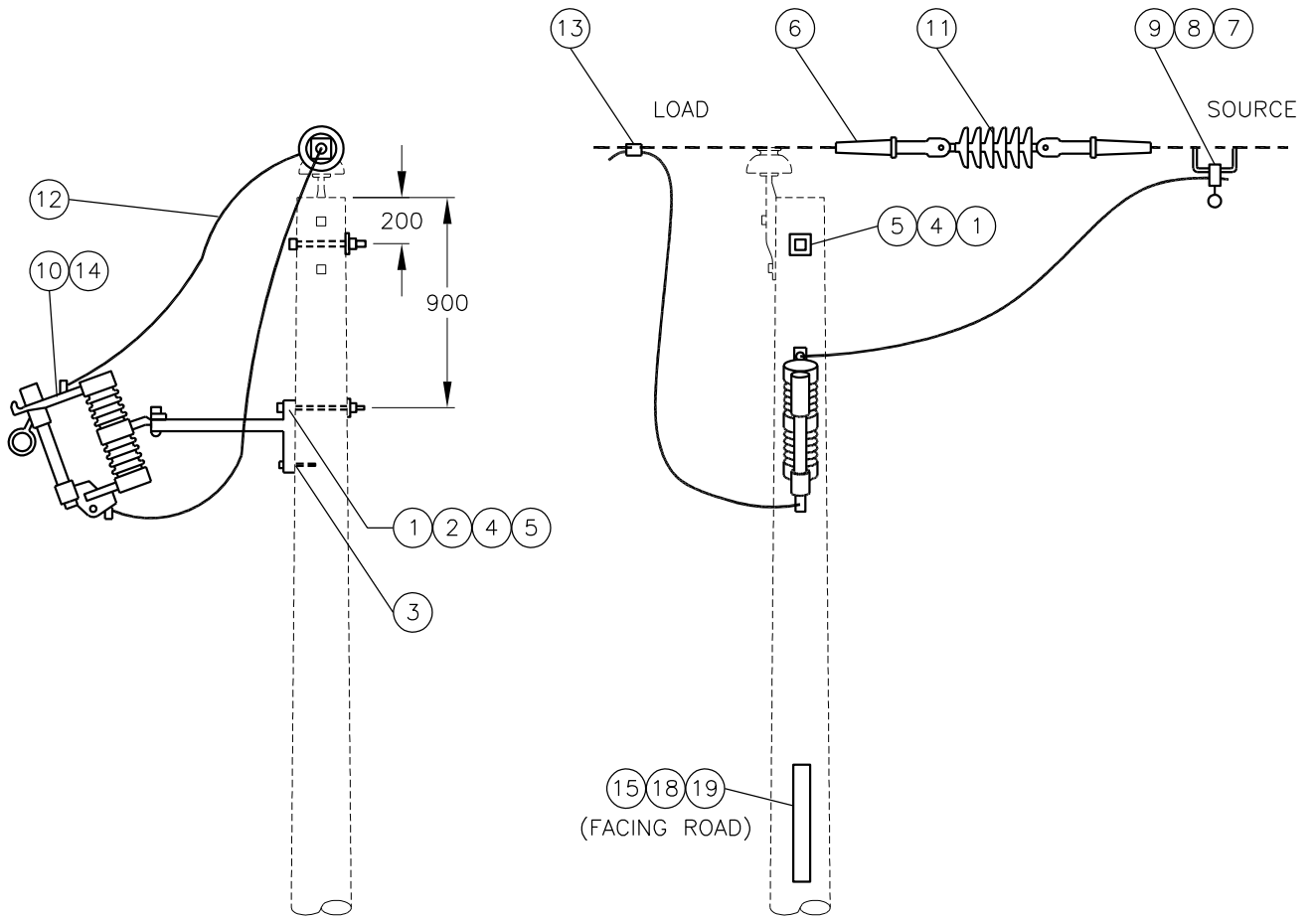
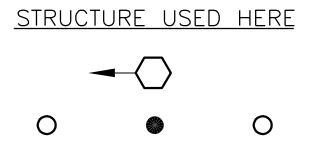
1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
3. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	CUTOUT 1 Ø IN LINE FUSING	
L MOEN	P PATEL	CHKD. LM		
		2022-01-06		
DATE OF ISSUE: 2022-08-15		DRAWING NO: A-26-03	SHEET 1 OF 2	REV. D

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SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL		DESIGN CHK.	DRN.I. JOHNSON	CUTOUT 1Ø IN LINE FUSING
L.MOEN		B. GEBHART	CHKD.	
DATE OF ISSUE		2020/05/12	2019-08-22	SHEET 2 of 2
		DRAWING NO. A-26-03	REV. D	

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 78 12	1	SCREW – LAG – 1/2" X 4-1/2"
2	2 02 70	3	CLAMP – HOTLINE
3	2 02 8X	3	CLAMP – HOTLINE WITH BAIL (SEE NOTE 1)
3	2 05 2X	3	CONNECTOR – AMPACT WITH BAIL (SEE NOTE 1)
4	2 06 9X	3	SHELL – TAP (AMPACT) (SEE NOTE 1)
5	2 12 63	3	CUTOUT – LOADBREAK – 27 kV – 200 AMP
5	2 12 67	3	CUTOUT – 27 kV – 100 AMP
5	2 71 76	3	SWITCH – DISCONNECT – 25 kV – 600 AMP
6	2 83 02	9 m	WIRE – CU – #2 – 7 STR
7	5 09 XX	3	CONNECTOR – COMPRESSION (SEE NOTE 1)
8	7 38 00	3	LINK – SOLID BUTTON HEAD
8	7 38 XX	3	FUSE LINK – BUTTON HEAD – TYPE "T"
9	7 69 64	0.02	SCREWS – WOOD – #14 X 2" HEX HEAD (100/BOX)
10	05 385 151	-	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 3)
11	05 385 20X	-	TAG – NUMBER – YELLOW (SEE NOTE 3)
11	05 385 209	-	TAG – DASH – YELLOW (SEE NOTE 3)
11	05 385 25X	-	TAG – LETTER – YELLOW (SEE NOTE 3)
12	05 638 32X	3	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 2)
12	05 638 329	1	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 2)
12	05 638 4XX	5	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 2)
13	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 2)

NOTES:

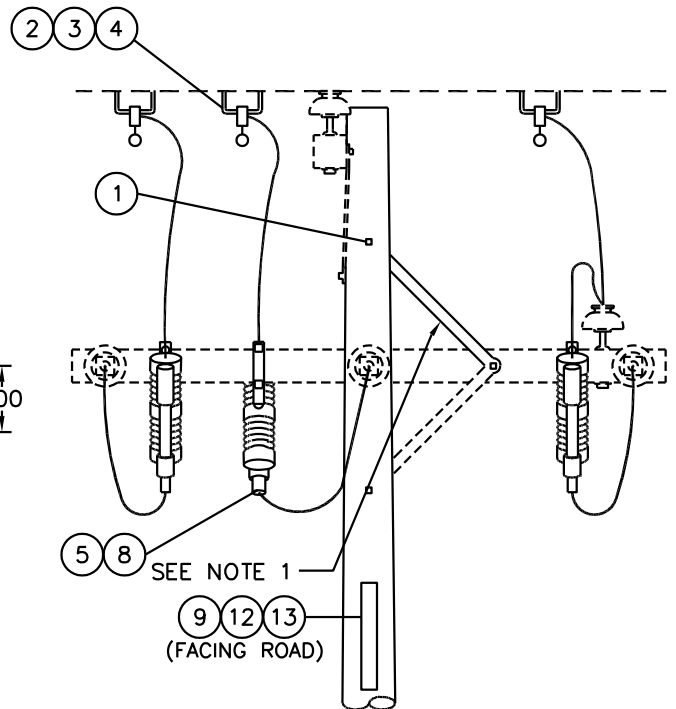
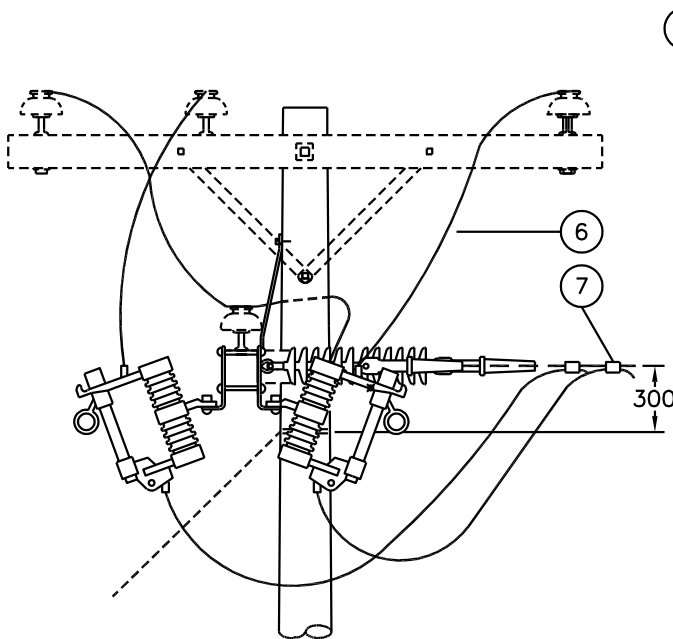
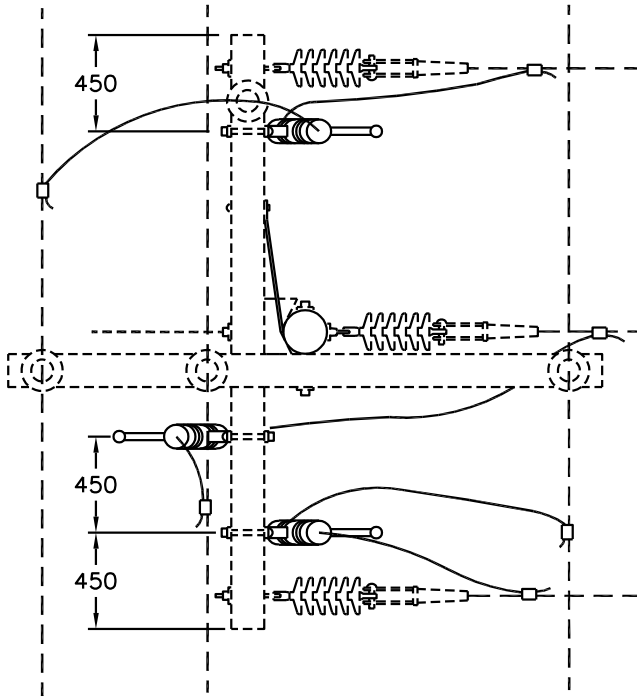
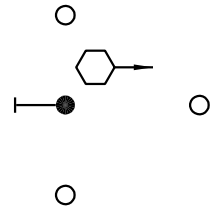
1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
3. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	CUTOUT/DISCONNECT 3 Ø TAP-OFF
L MOEN	P PATEL	CHKD. LM	
		2022/01/06	
DATE OF ISSUE: 2022-08-15		DRAWING NO: A-26-04	SHEET 1 OF 3 REV. C

STRUCTURE USED HERE



NOTE:

1. MOVE 32" CROSSARM BRACE FROM LOWER LEFT TO UPPER SIDE FOR CLEARANCE.

SCALE: N.T.S.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL
L. MOEN

DESIGN CHK.
B. GEBHART

DRN.I. JOHNSON
CHKD.

CUTOUT / DISCONNECT
3 ϕ TAP-OFF (DEADEND)

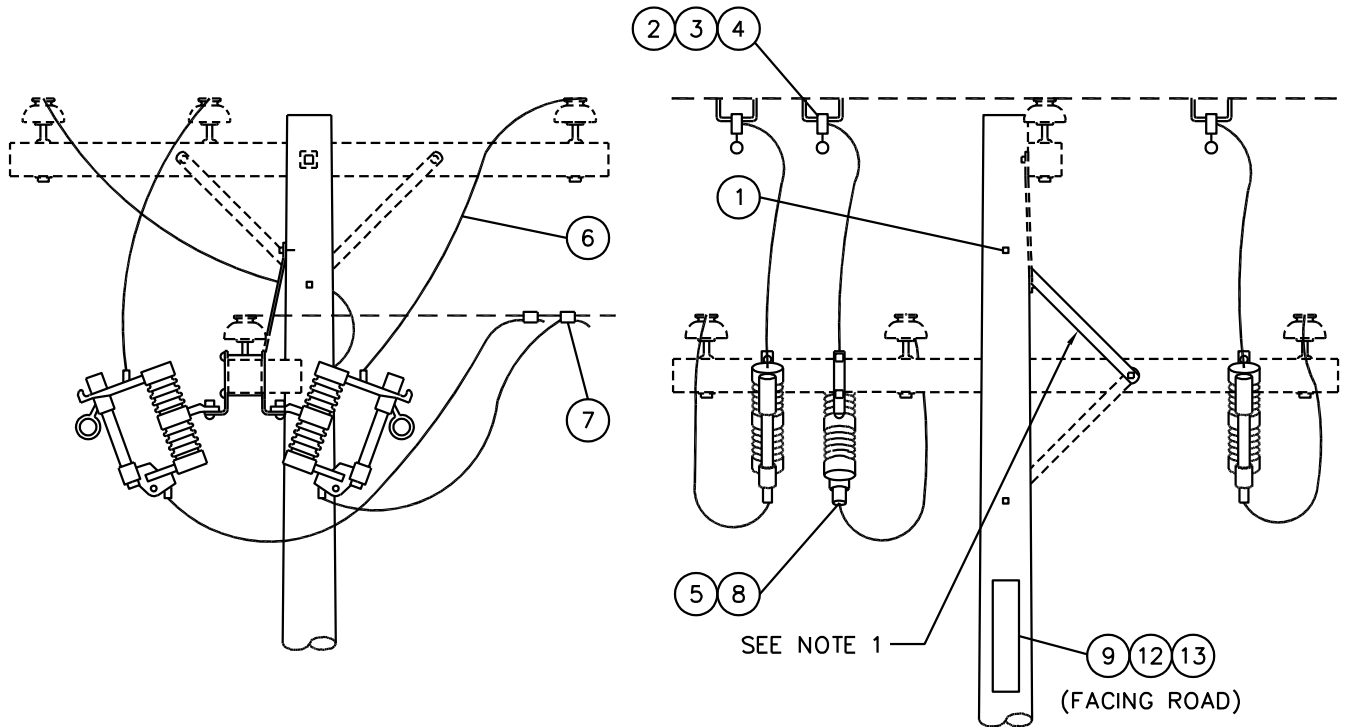
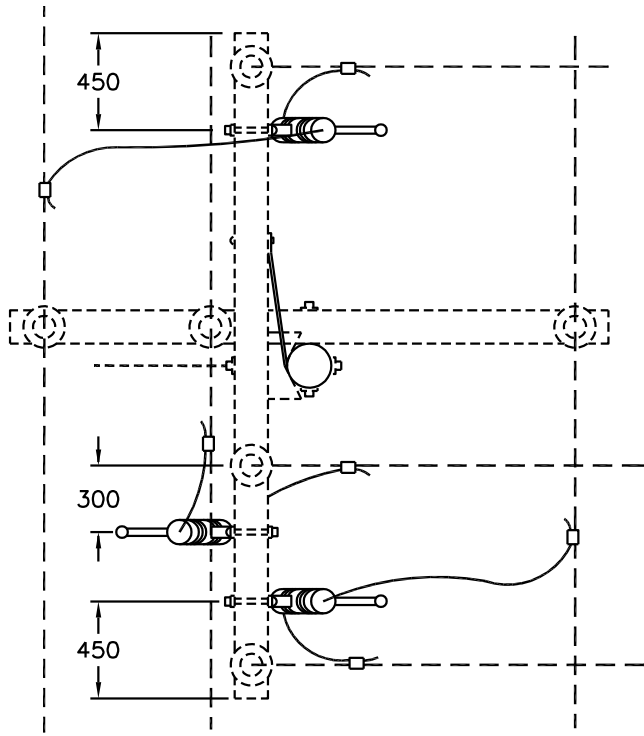
2019-08-22

DATE OF ISSUE 2020/05/12

DRAWING NO. A-26-04

SHEET 2 of 3

REV. B



NOTE:

1. MOVE 32" CROSSARM BRACE FROM LOWER LEFT TO UPPER SIDE FOR CLEARANCE.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK.	DRN.I. JOHNSON
L. MOEN	B. GEBHART	CHKD.
		2019-08-27

CUTOUT / DISCONNECT
3Ø TAP-OFF (SLACK SPAN)

DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-04	SHEET 3 of 3	REV. B
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BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 08 38	2	BOLT – CARRIAGE – 3/8" X 4-1/2"
2	1 09 20	3	BOLT – DOUBLE ARMING – 5/8" X 20"
3	1 19 32	2	BRACE – CROSSARM – FLAT – 32"
4	1 29 10	2	CROSSARM – 4" X 5" X 10'
5	1 78 12	2	SCREW – LAG – 1/2" X 4-1/2"
6	1 93 25	2	WASHER – LOCK – DOUBLE COIL – 3/8"
7	1 93 27	3	WASHER – LOCK – DOUBLE COIL – 5/8"
8	1 93 42	10	WASHER – SQUARE – 2-1/4" X 13/16" HOLE
9	2 02 XX	6	CLAMP – DEADEND (SEE NOTE 1)
10	2 29 25	3	DEADEND – POLYMER – TONGUE ENDS
11	2 71 76	3	SWITCH – DISCONNECT – 25 kV – 600 AMP
12	2 83 20	9 m	WIRE – CU – 2/0 – 19 STR
13	5 09 XX	6	CONNECTOR – COMPRESSION (SEE NOTE 1)
14	7 69 64	0.02	SCREW – WOOD – #14 X 2" HEX HEAD (100/BOX)
15	05 385 151	-	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 3)
16	05 385 20X	-	TAG – NUMBER – YELLOW (SEE NOTE 3)
16	05 385 209	-	TAG – DASH – YELLOW (SEE NOTE 3)
16	05 385 25X	-	TAG – LETTER – YELLOW (SEE NOTE 3)
17	05 638 32X	3	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 2)
17	05 638 329	1	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 2)
17	05 638 4XX	5	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 2)
18	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 2)

NOTES:

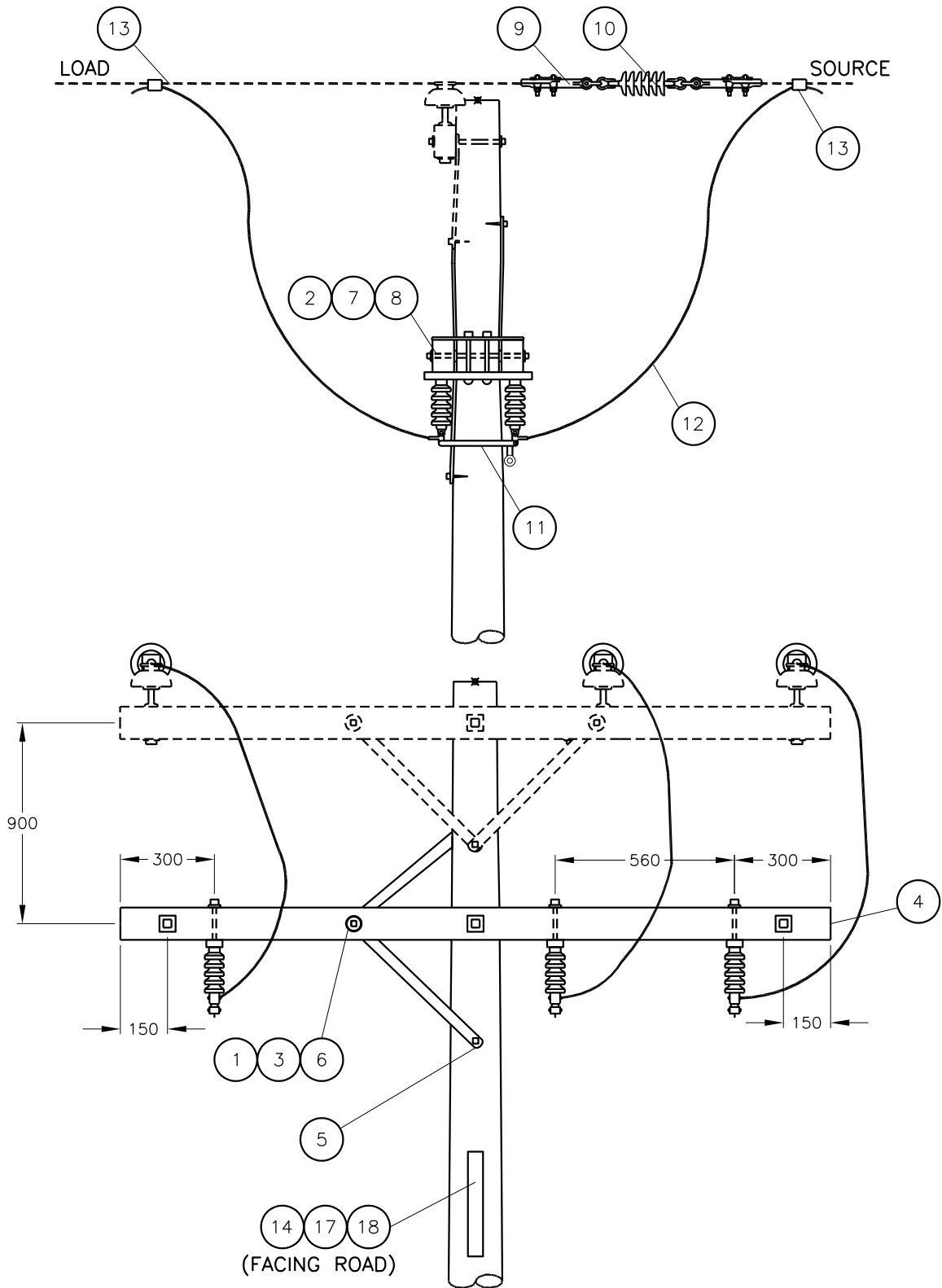
1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
3. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	DISCONNECTS – SOLID BLADE 3Ø TANGENT	
L MOEN	P PATEL	CHKD. LM		
		2022/01/31		
DATE OF ISSUE: 2022-08-15		DRAWING NO: A-26-05	SHEET 1 OF 2	REV. D

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NOTES:

1. ON DOUBLE CROSSARM, HAVE UPPER BRACE ON BACK OF POLE ONLY.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

SCALE: N.T.S.

SaskPower – DISTRIBUTION STANDARDS				
APPROVAL L.MOEN	DESIGN CHK. P.PATEL	DRN.D.REDEKOPP CHKD.	DISCONNECTS – SOLID BLADE 30 TANGENT	
		2022-02-16		
DATE OF ISSUE	2022-08-15	DRAWING NO. A-26-05	SHEET 2 of 2	REV. D

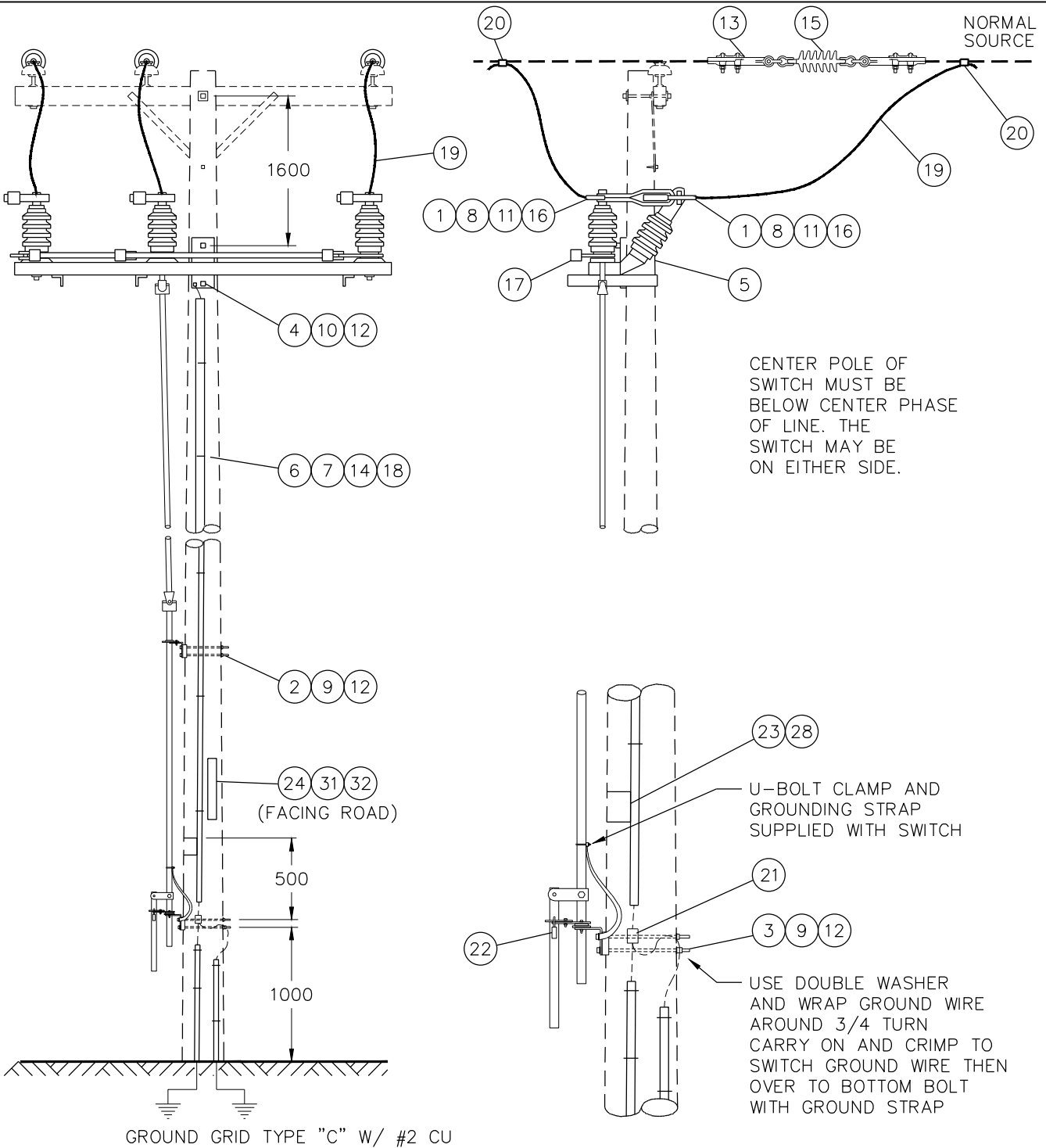
BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY		DESCRIPTION
		A	B	
1	1 12 02	12	12	BOLT – MACHINE – 1/2" X 2"
2	1 13 14	2	2	BOLT – MACHINE – 5/8" X 14"
3	1 13 16	2	2	BOLT – MACHINE – 5/8" X 16"
4	1 14 12	2	2	BOLT – MACHINE – 3/4" X 12"
5	1 78 12	1	1	SCREW – LAG – 1/2" X 4-1/2"
6	1 85 01	0.5 LB	0.5 LB	STAPLE – FENCE
7	1 85 02	25	25	STAPLE – MOULDING
8	1 93 26	12	12	WASHER – LOCK – DOUBLE COIL – 1/2"
9	1 93 27	4	4	WASHER – LOCK – DOUBLE COIL – 5/8"
10	1 93 28	2	2	WASHER – LOCK – DOUBLE COIL – 3/4"
11	1 93 30	24	24	WASHER – ROUND – 1-3/8" X 9/16" HOLE
12	1 93 42	7	7	WASHER – SQUARE – 2-1/4" X 13/16" HOLE
13	2 02 XX	6	6	CLAMP – DEADEND (SEE NOTE 1)
14	2 27 00	4	4	MOULDING – GROUND WIRE – 10' LENGTH
15	2 29 25	3	0	INSULATOR – 25kV – DEADEND – TONGUE ENDS
15	2 29 35	0	3	INSULATOR – 35kV – DEADEND – TONGUE ENDS
16	2 65 XX	6	6	HYLUG (SEE NOTE 1)
17	2 69 35	0	1	SWITCH – GOPT – 35KV – 600 AMP
17	2 69 45	1	0	SWITCH – GOPT – 25KV – 600 AMP
18	2 83 02	11 m	11 m	WIRE – CU – #2 – 7 STR
19	2 98 01	16 m	16 m	WIRE – CU – 4/0 – 19 STR
20	5 09 XX	6	6	CONNECTOR – AL – CRIMPIT (SEE NOTE 1)
21	5 12 01	1	1	CONNECTOR – CU – 2C2
22	7 66 00	1	1	PADLOCK – #4 KEY
23	7 69 62	0.07	0.07	WOOD SCREW – #10 X 1-1/2" ROBERTSON ROUND (100/BOX)
24	7 69 64	0.02	0.02	WOOD SCREW – #14 X 2" HEX HEAD (100/BOX)
25	05 116 362	1	1	PHASE MARKER DISC – BLUE
26	05 116 366	1	1	PHASE MARKER DISC – RED
27	05 116 368	1	1	PHASE MARKER DISC – YELLOW
28	05 640 000	1	1	SIGN – DANGER HV
REFER TO SHEET 3 FOR NOTES				

BACK TO INDEX PAGE

SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. LM	GANG OPERATED POLE TOP SWITCH
L MOEN	P PATEL	CHKD. PP	
		2022/04/25	
DATE OF ISSUE	2022-08-15	DRAWING NO. A-26-06	SHEET 1 OF 3 REV. G



NOTES:

1. THE PIVOT SIDE OF THE SWITCH SHOULD BE THE NORMAL LOAD SIDE.
2. LOCATION OF GROUND GRID IS DEPENDANT ON LOCATION OF SWITCH HANDLE AND DRIVE BAR.
3. ALWAYS INSTALL WITH SWITCH HANDLE UP. FOR ROTATION TYPE HANDLE MOVEMENT, MOUNT AT HEIGHT SHOWN. FOR PULL DOWN TYPE, MOUNT SO THAT THE HANDLE CLEARS THE GROUND AND IS NOT TOO HIGH WHEN UP.
4. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND GROUND GRID TYPE "C".
5. MINIMUM 10.7m (35') POLE RURAL. MINIMUM 13.7m (45') POLE URBAN. STRUCTURE CAN BE BUILT ON EXISTING 12.2m (40') POLE IF USING ABSOLUTE MINIMUM CLEARANCE VALUES.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN.I. JOHNSON CHKD. 2019-08-22	GANG OPERATED POLE TOP SWITCH 3∅ 25kV – 600 AMPS
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-06	
		SHEET 2 of 3	REV. F

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY		DESCRIPTION
		A	B	
29	05 385 151	-	-	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 3)
30	05 385 20X	-	-	TAG – NUMBER – YELLOW (SEE NOTE 3)
30	05 385 209	-	-	TAG – DASH – YELLOW (SEE NOTE 3)
30	05 385 25X	-	-	TAG – LETTER – YELLOW (SEE NOTE 3)
31	05 638 32X	3	3	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 2)
31	05 638 329	1	1	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 2)
31	05 638 4XX	5	5	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 2)
32	05 640 006	1	1	SIGN – BLANK – REFLECTIVE – 3"X18" (SEE NOTE 2)
<p>NOTES:</p> <ol style="list-style-type: none"> REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES. COLUMN 'A' FOR 25 kV COLUMN 'B' FOR 35 kV 				

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. LM	GANG OPERATED POLE TOP SWITCH
L MOEN	P PATEL	CHKD. PP	
		2022-04-25	
DATE OF ISSUE	2022-08-15	DRAWING NO. A-26-06	SHEET 3 OF 3 REV. A

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY						DESCRIPTION
		A	B	C	D	E	F	
1	1 11 12	1	1	-	-	-	-	BOLT – EYE – 5/8" X 12"
2	1 13 12	3	3	3	3	2	2	BOLT – MACHINE – 5/8" X 12"
3	1 35 31	-	-	1	1	2	2	BRACKET – FOR CUTOUT, ARREST, TERM
4	1 35 38	13 ft	13 ft	-	-	-	-	WILDLIFE GUARD – RISER COVER
5	1 35 41	1	1	-	-	-	-	WILDLIFE GUARD – BUSHING COVER
6	1 35 56	2	2	-	-	-	-	BRACKET – ARRESTER – SINGLE PHASE OCR
7	1 53 13	-	1	-	1	-	1	PIN – FEMALE
8	1 78 12	-	-	1	1	2	2	LAG SCREW – 1/2" X 4-1/2"
9	1 85 01	0.5lb	0.5lb	-	-	-	-	STAPLE – FENCE
10	1 85 02	12	12	-	-	-	-	STAPLE – MOULDING
11	1 93 27	4	4	3	3	2	2	WASHER – LOCK – 5/8"
12	1 93 42	3	3	1	1	2	2	WASHER – SQUARE – 2-1/4" X 2-1/4" X 13/16"
13	1 93 96	1	1	2	2	-	-	WASHER – CURVED – 3" X 3" X 13/16"
14	2 02 70	1	1	1	1	1	1	CLAMP – LIVELINE
15	2 02 8X	1	1	1	1	1	1	CLAMP – BAIL (SEE NOTE 1)
16	2 12 62	-	-	1	1	1	1	CUTOUT – 27kV – 100 AMP – LOADBREAK
17	2 12 67	-	-	-	-	1	1	CUTOUT – 27kV – 100 AMP – NON-LOADBREAK
18	2 20 23	-	1	-	1	-	1	INSULATOR – PIN TYPE
19	2 27 00	2	2	-	-	-	-	MOULDING – GROUND WIRE – 10'
20	2 65 83	-	-	2	2	-	-	HYLUG – #2 CU & AL
21	2 71 78	1	1	-	-	-	-	SWITCH – BYPASS – 27 kV – 600 AMP
22	2 83 02	5 m	5 m	5 m	5 m	5 m	5 m	WIRE – CU – #2 – 7 STR
23	2 83 04	10 m	10 m	-	-	-	-	WIRE – CU – #4 – 7 STR
24	2 97 50	-	1	-	1	-	1	UNI-TIE
25	5 09 XX	1	3	1	3	1	3	CONNECTOR – AL – CRIMPIT (SEE NOTE 1)
26	5 12 06	2	2	-	-	-	-	CONNECTOR – CU – 4C4
27	5 12 08	2	2	-	-	-	-	CONNECTOR – CU – 2C4
28	6 02 21	2	2	-	-	-	-	ARRESTER – 21 kV (RURAL) (SEE NOTE 3)
28	8 02 18	2	2	-	-	-	-	ARRESTER – 18 kV (URBAN) (SEE NOTE 3)
29	7 38 00	-	-	1	1	1	1	FUSE – BUTTON HEAD – SOLID
30	7 69 62	0.04	0.04	0.08	0.08	-	-	SCREW – WOOD – #10 X 1-1/2" (100/BOX)
31	7 69 64	0.02	0.02	0.02	0.02	0.02	0.02	SCREW – WOOD – #14 X 2" – HEX HEAD(100/BOX)

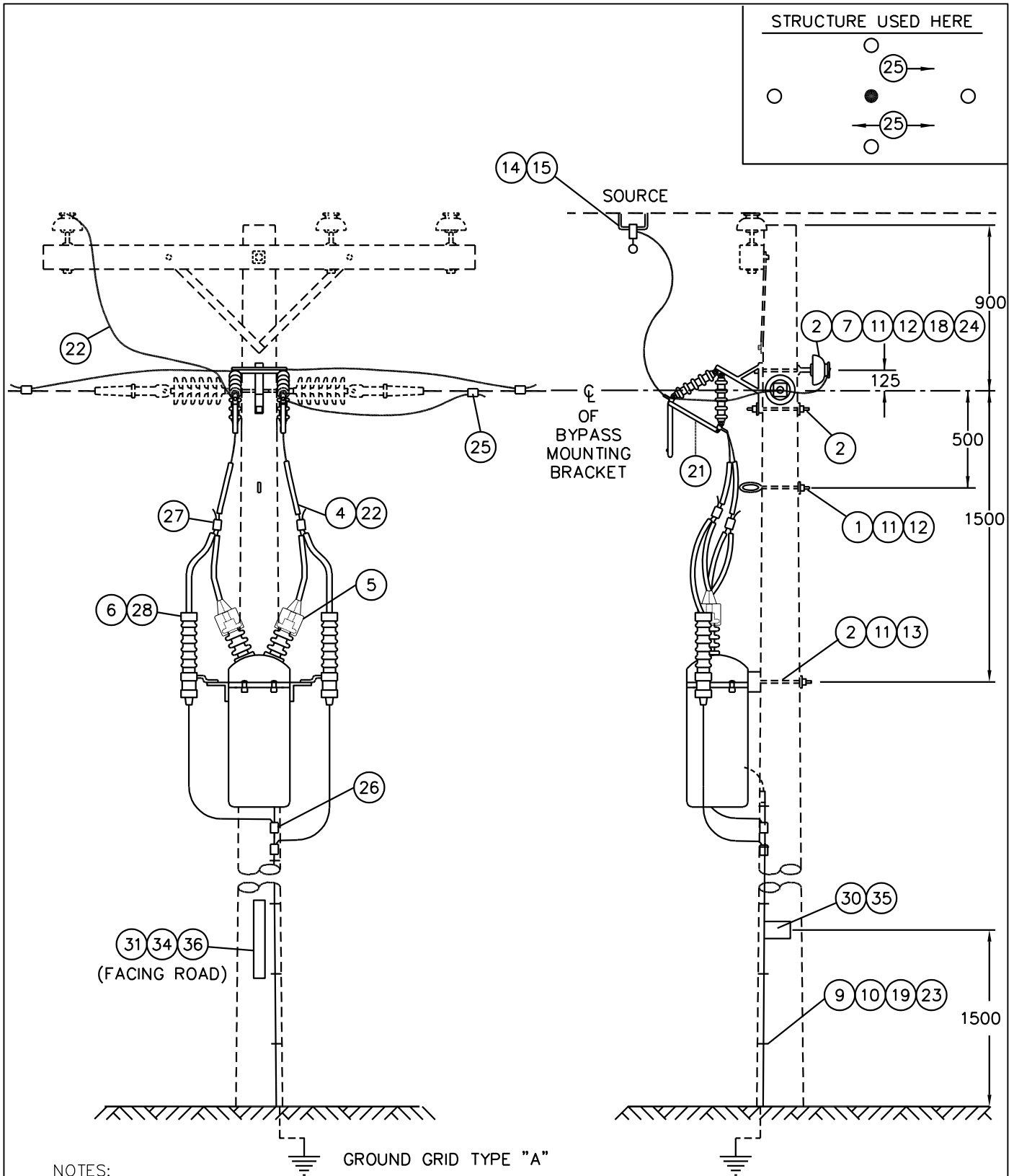
MATERIAL LIST CONTINUED ON SHEET 4

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. BG	1Ø RECLOSER ONE OR TWO-WAY FEED
L. MOEN	B. GEBHART	CHKD. LM	
		2021-05-04	
DATE OF ISSUE: 2021-08-16		DRAWING NO: A-26-07	SHEET 1 of 5
			REV. L

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NOTES:

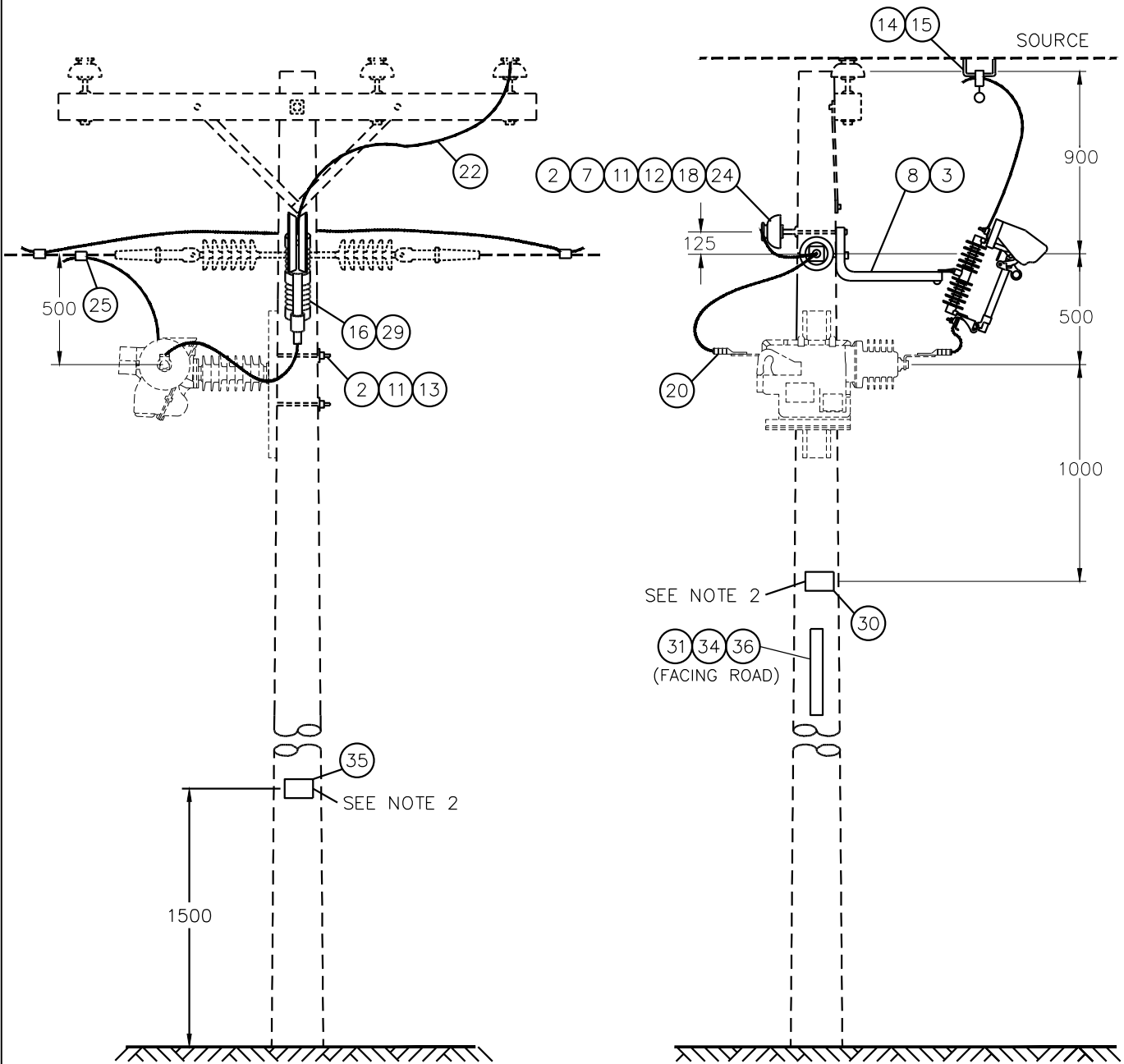
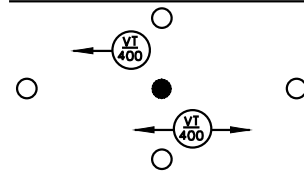
1. REFER TO SECTION A-33 FOR GROUNDING DETAILS.
 2. MINIMUM 12.2m (40') POLE REQUIRED. REFER TO SECTION A-08-00 FOR CLASS.
 3. INSTALL RISER COVER 5-6 INCHES BELOW SWITCH.
 4. BRACKET DESIGN COOPER OCR, OTHER MANUFACTURES' MAY BE COMPETITIVE.
- SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS			
APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN. I. JOHNSON CHKD. 2019-08-22	1Ø RECLOSER ONE OR TWO WAY FEED (OCR)
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-07	SHEET 2 of 5
			REV. J

**ALL PARTS OF RECLOSER ARE ENERGIZED
DO NOT GROUND THE CASE**

STRUCTURE USED HERE



NOTES:

1. MINIMUM 12.2m (40') POLE REQUIRED. REFER TO SECTION A-08-00 FOR CLASS.
 2. USE MANUFACTURER LIVE TANK SIGN.
 3. ALTHOUGH THE VERSA-TECH RECLOSER IS A BI-DIRECTIONAL DEVICE, IT IS RECOMMENDED THE SIDE WITH THE HANDLE IS THE LOAD SIDE AND THE SKIRTED END TO BE THE SOURCE SIDE.
- SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN. I. JOHNSON CHKD. 2019-08-22	1Ø RECLOSER ONE OR TWO WAY FEED (VERSA-TECH)
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-07	
		SHEET 3 of 5	REV. E

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BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY						DESCRIPTION
		A	B	C	D	E	F	
32	05 385 151	-	-	-	-	-	-	AL TAG HOLDER - 10 - 1" TAGS – SEE NOTE 5
33	05 385 20X	-	-	-	-	-	-	TAG NUMBER I.D. YELLOW – SEE NOTE 5
33	05 385 209	-	-	-	-	-	-	TAG DASH I.D. YELLOW – SEE NOTE 5
33	05 385 25X	-	-	-	-	-	-	TAG LETTER I.D. YELLOW – SEE NOTE 5
34	05 638 32X	3	3	3	3	3	3	NUMBER – DECAL BLACK 1 1/2" – SEE NOTE 4
34	05 638 329	1	1	1	1	1	1	SYMBOL – DECAL “-” BLACK 1 1/2" –SEE NOTE 4
34	05 638 4XX	5	5	5	5	5	5	LETTER – DECAL BLACK 1 1/2" – SEE NOTE 4
35	05 640 000	1	1	-	-	-	-	SIGN "DANGER H.V."
36	05 640 006	1	1	1	1	1	1	SIGN – REFLECTIVE – 3"X18" – SEE NOTE 4

NOTES:

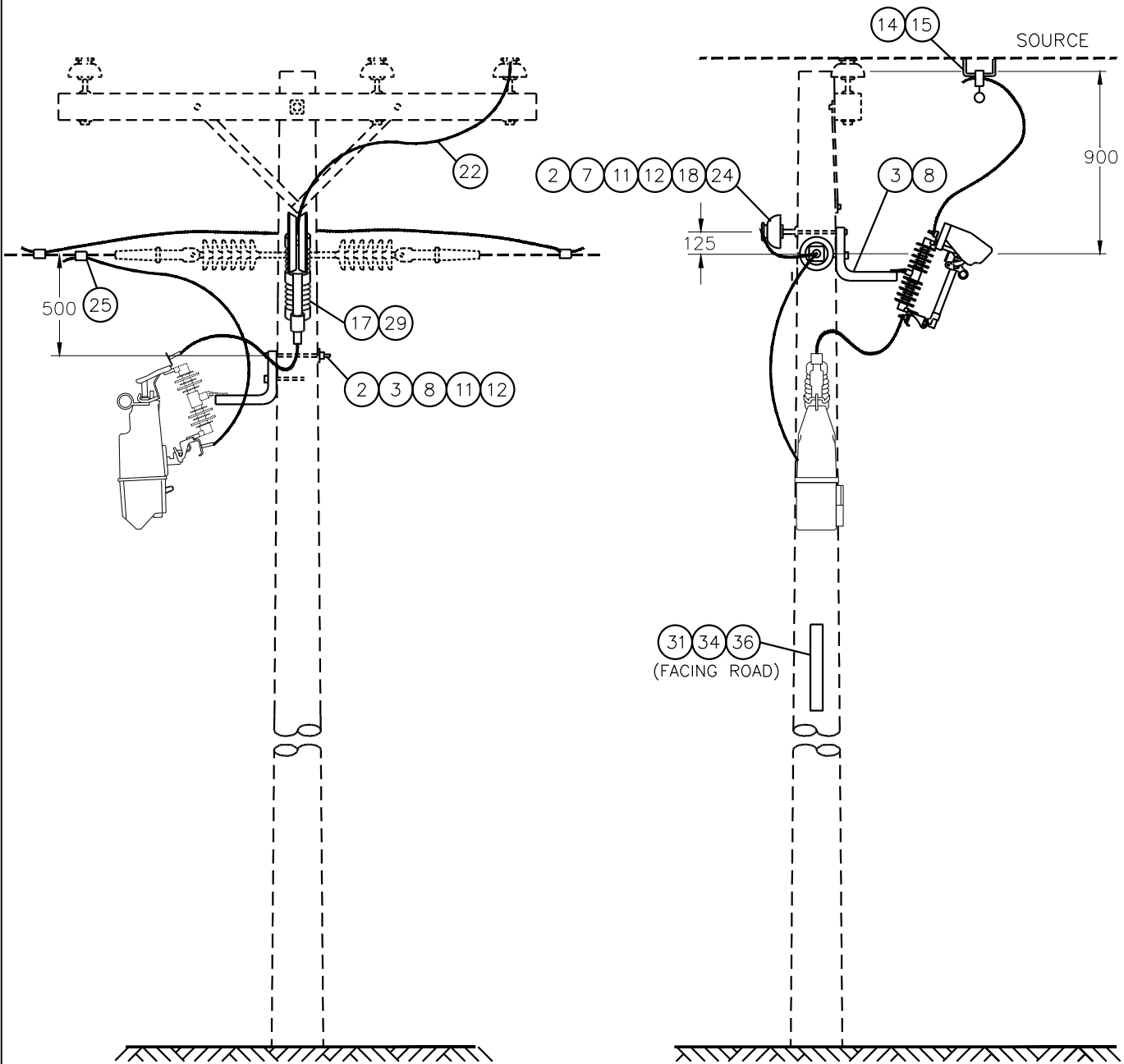
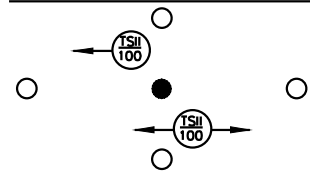
1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. COLUMN A & B REFERS TO A ONE OR TWO-WAY FEED OCR RECLOSER. COLUMN C & D REFERS TO A ONE OR TWO-WAY FEED VERSA-TECH RECLOSER. COLUMN E & F REFERS TO A ONE OR TWO-WAY FEED TRIPSAVER RECLOSER.
3. CONFIGURATOR DEFAULTS TO RURAL ARRESTERS.
4. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
5. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. DCD	1 Ø RECLOSER ONE OR TWO-WAY FEED
L. MOEN	D. DONAIS	CHKD.	
		2019-02-13	
DATE OF ISSUE: 2020/02/12		DRAWING NO: A-26-07	SHEET 4 of 5 REV. B

STRUCTURE USED HERE



NOTES:

1. MINIMUM 12.2m (40') POLE REQUIRED. REFER TO SECTION A-08-00 FOR CLASS.
2. ATTACH THE SOURCE SIDE TO THE TOP OF THE TRIPSAVER CUTOUT.
3. TRIPSAVER RECLOSER CANNOT BE USED TO BREAK LOAD. USE LOADBREAK CUTOUT TO BREAK LOAD.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED
 APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN. I. JOHNSON CHKD. 2019-08-22	1Ø RECLOSER ONE OR TWO WAY FEED (TRIPSAVER)
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-07	
		SHEET 5 of 5	REV. B

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BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION
		A	B	C	
1	1 11 12	2	-	-	BOLT – EYE – 5/8" X 12"
2	1 13 12	3	3	2	BOLT – MACHINE – 5/8" X 12" (SEE NOTE 2)
3	1 35 31	-	1	2	BRACKET – FOR CUTOUT, ARRESTER, TERMINATOR (SEE NOTE 2)
4	1 35 38	13 ft	-	-	WILDLIFE GUARD – RISER COVER
5	1 35 41	2	-	-	WILDLIFE GUARD – BUSHING COVER
6	1 35 56	2	-	-	BRACKET – ARRESTER – SINGLE PHASE OCR
7	1 50 00	1	-	-	NUT – EYE – 5/8"
8	1 78 12	-	1	2	LAG SCREW – 1/2" X 4-1/2"
9	1 85 01	0.5 lb	-	-	STAPLE – FENCE
10	1 85 02	12	-	-	STAPLE – MOULDING
11	1 93 27	4	3	2	WASHER – LOCK – DOUBLE COIL – 5/8"
12	1 93 42	4	1	2	WASHER – SQUARE – 2-1/4" X 2-1/4" X 13/16" HOLE
13	1 93 96	1	2	-	WASHER – CURVED – 3" X 3" X 13/16" HOLE
14	2 01 XX	2	2	2	DEADEND – AUTOMATIC – CLEVIS TYPE (NOTE 1)
15	2 02 70	1	1	1	CLAMP – LIVE LINE
16	2 02 8X	1	1	1	CLAMP – BAIL (SEE NOTE 1)
17	2 12 62	-	1	1	CUTOUT – 27 kV – 100 AMP – LOADBREAK (NOTE 2)
18	2 27 00	2	-	-	MOULDING – GROUND WIRE – 10' LENGTH
19	2 29 24	2	1	1	INSULATOR – DEADEND – POLYMER – TONGUE-TO-TONGUE
20	2 65 83	-	2	-	HYLUG – #2 CU & AL
21	2 71 78	1	-	-	SWITCH – BYPASS – 27 kV – 600 AMP
22	2 83 02	6 m	6 m	6 m	WIRE – CU – #2 – 7 STR
23	2 83 04	10 m	-	-	WIRE – CU – #4 – 7 STR
24	5 09 XX	1	1	1	CONNECTOR – AL – CRIMPIT (SEE NOTE 1)
25	5 12 06	2	-	-	CONNECTOR – CU – 4C4
26	5 12 08	2	-	-	CONNECTOR – CU – 2C4
27	6 02 21	2	-	-	ARRESTER – 21 kV (RURAL) (SEE NOTE 4)
27	8 02 18	2	-	-	ARRESTER – 18 kV (URBAN) (SEE NOTE 4)
28	7 38 00	-	1	1	FUSE – BUTTON HEAD – SOLID (SEE NOTE 2)
29	7 69 62	0.04	0.08	-	SCREWS – WOOD – #10 X 1-1/2" (100/BOX)
30	05 640 000	1	-	-	SIGN – DANGER – HIGH VOLTAGE

MATERIAL LIST CONTINUED ON SHEET 5

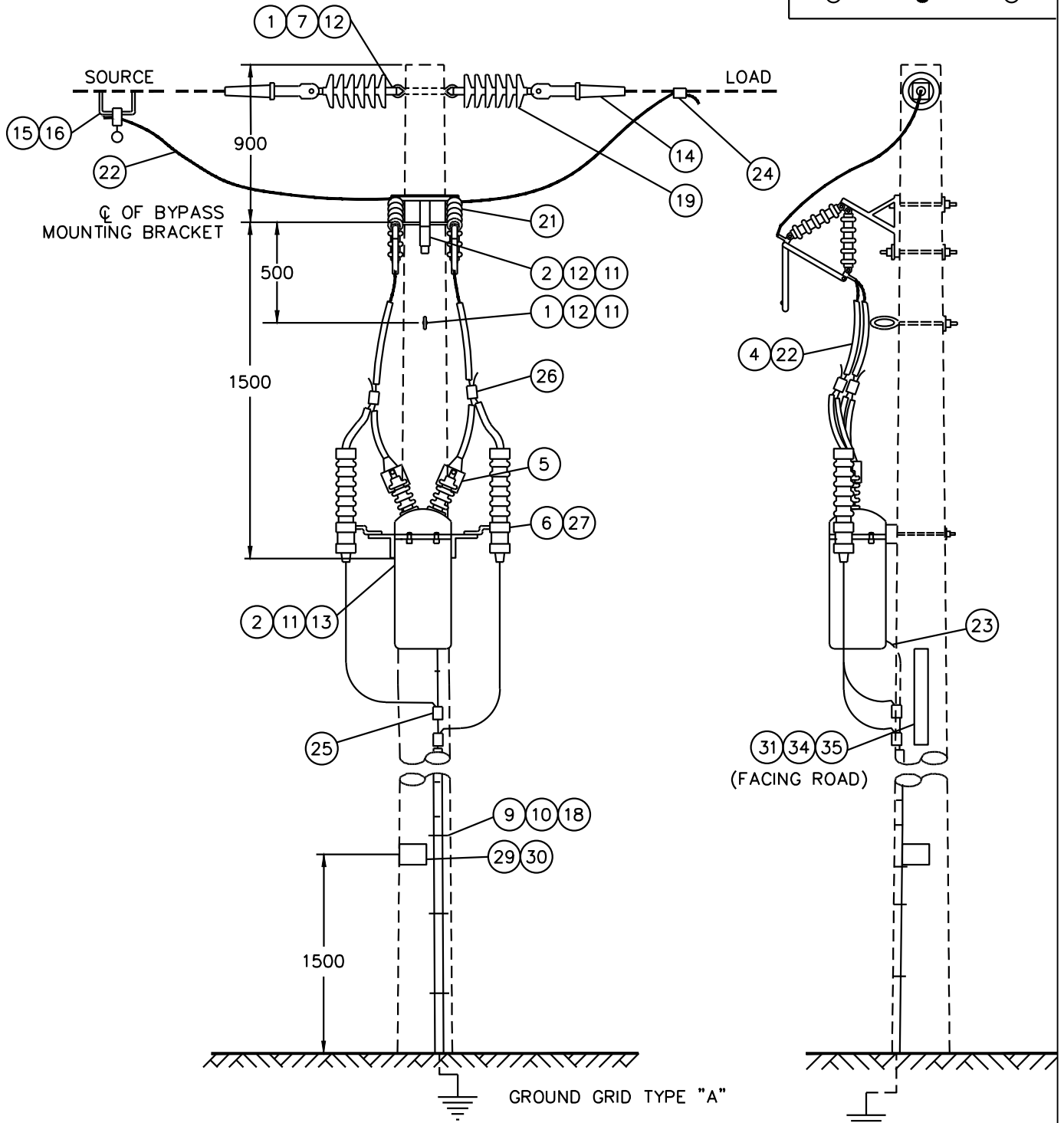
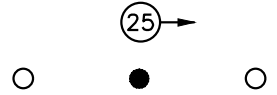
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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. BG	1Ø RECLOSER IN-LINE FEED
L MOEN	B GEBHART	CHKD. LM	
		2021-05-04	
DATE OF ISSUE:	2021-08-16	DRAWING NO. A-26-08	SHEET 1 OF 6 REV. I

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STRUCTURE USED HERE



NOTES:

1. MINIMUM 12.2m (40') POLE. REFER TO SECTION A-08-00 FOR CLASS.
2. REFER TO SECTION A-33 FOR GROUNDING DETAILS.
3. INSTALL RISER COVER 5-6 INCHES BELOW SWITCH.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower - DISTRIBUTION STANDARDS

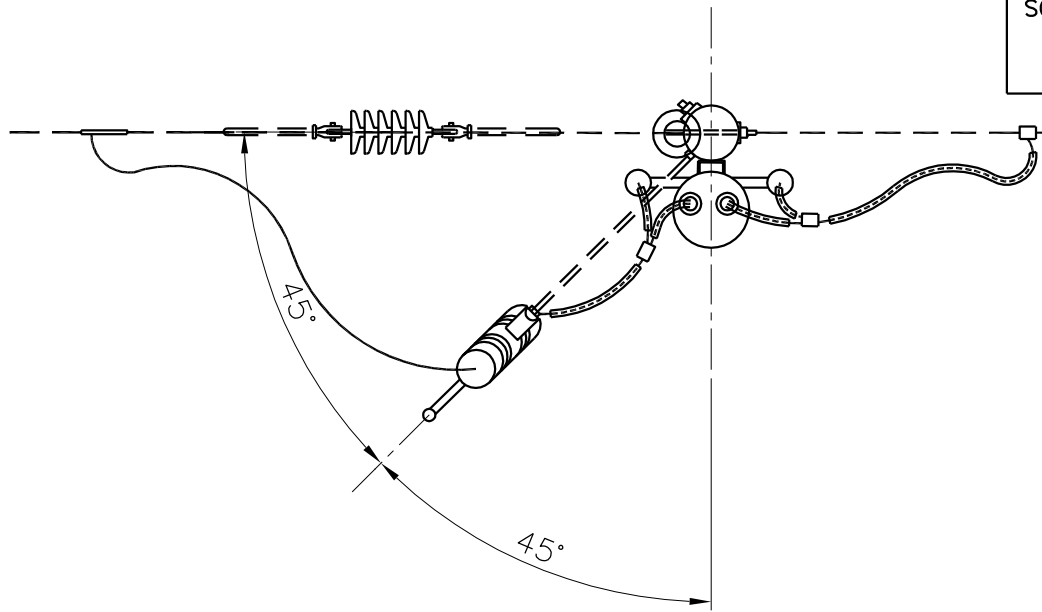
APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN.I. JOHNSON CHKD.	1Ø RECLOSER IN LINE FEED
		2019-08-22	
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-08	SHEET 2 of 6
			REV. 1

ALTERNATE INSTALLATION – CUTOUT

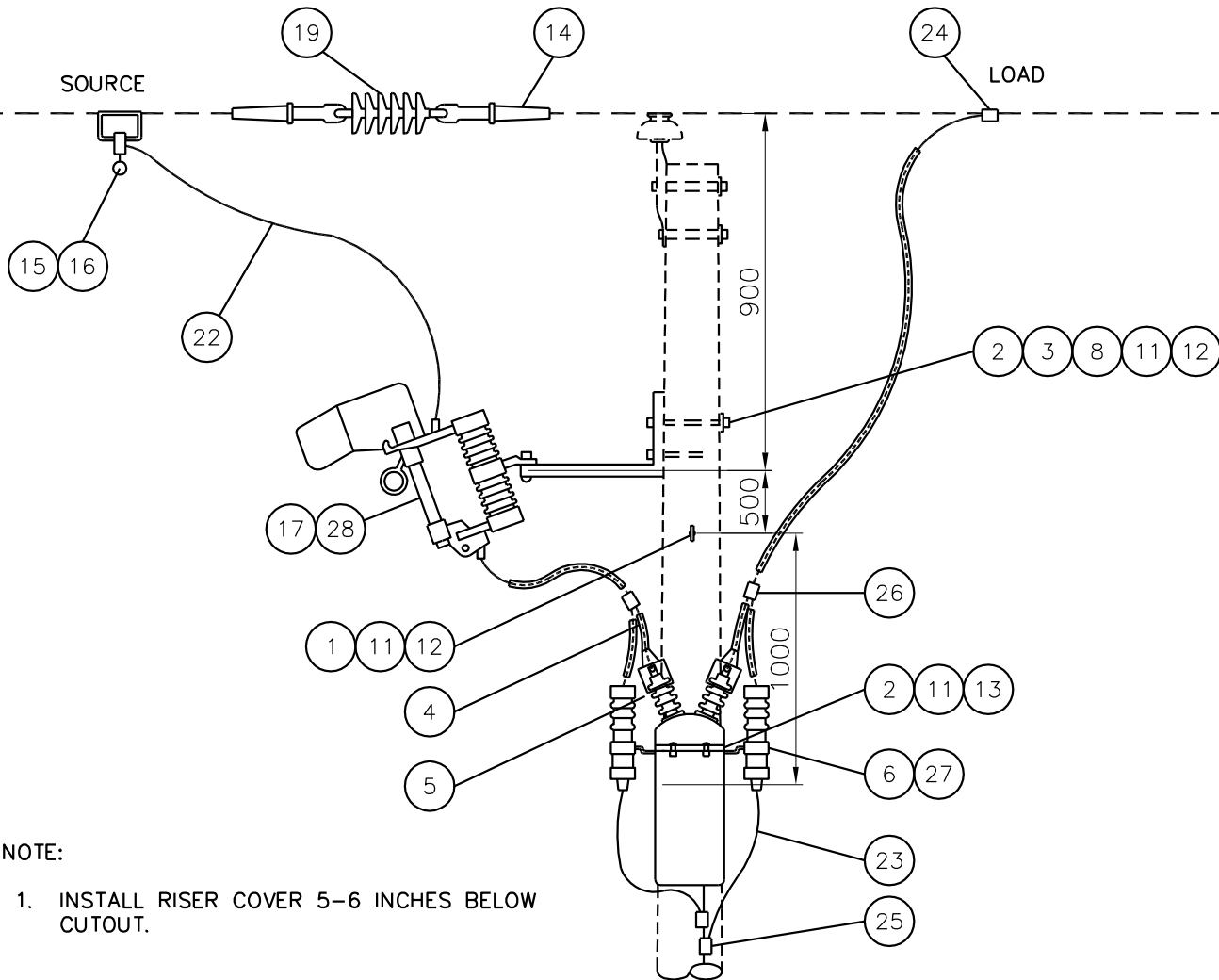
STRUCTURE USED HERE

SOURCE (25) → LOAD

○ ● ○



TOP VIEW



NOTE:

1. INSTALL RISER COVER 5-6 INCHES BELOW CUTOUT.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

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SaskPower – DISTRIBUTION STANDARDS

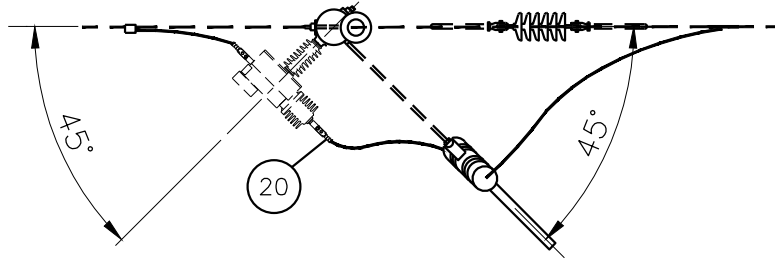
APPROVAL L.MOEN	DESIGN CHK. A.UHREN	DRN. E.GOTANA CHKD. 2017-09-05	1Ø RECLOSER IN LINE FEED
DATE OF ISSUE	2017-11-03	DRAWING NO. A-26-08	
		SHEET 3 of 6	REV. D

ALL PARTS OF RECLOSER ARE ENERGIZED
DO NOT GROUND THE CASE

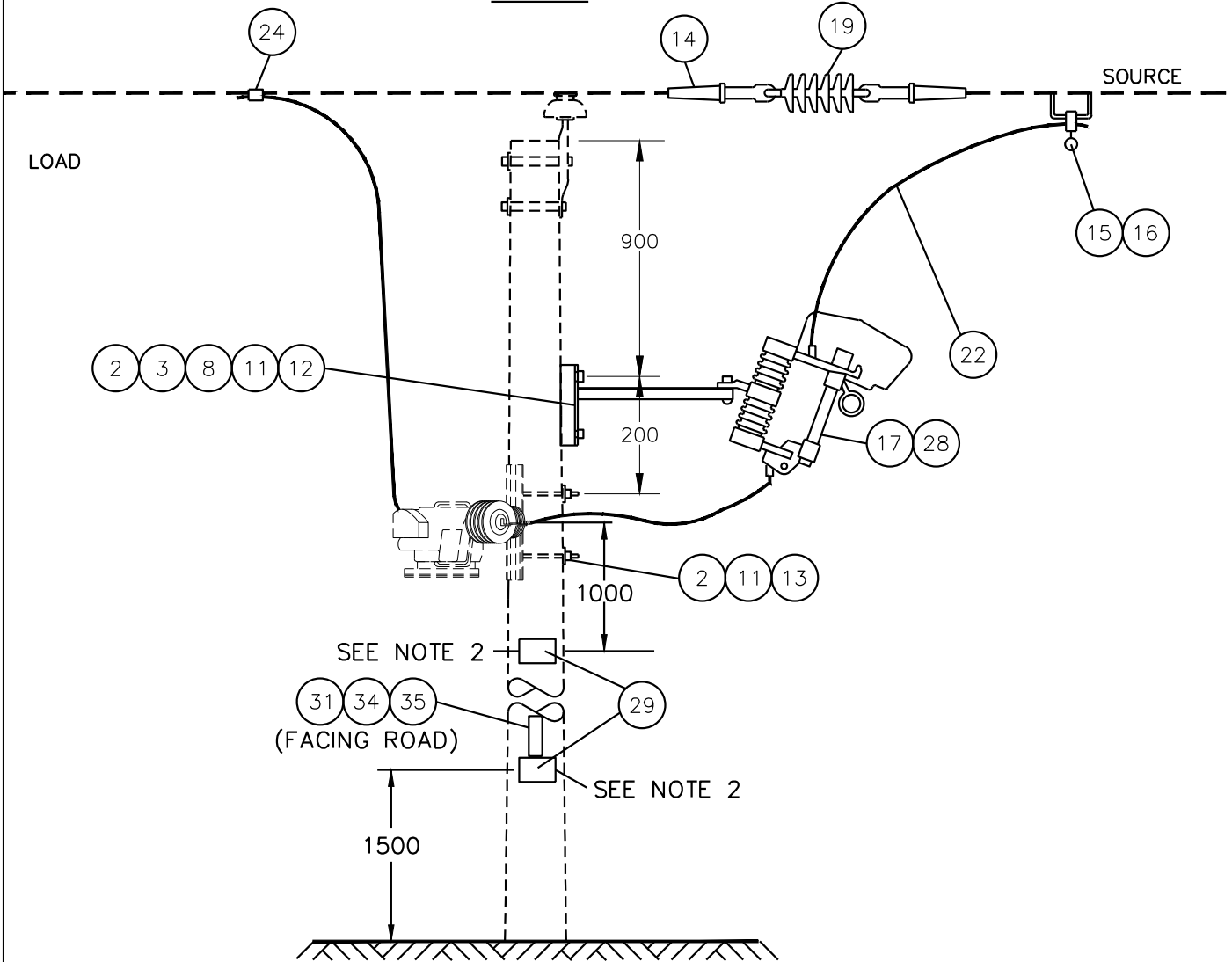
STRUCTURE USED HERE

LOAD ←  SOURCE

○ ● ○



TOP VIEW



NOTES:

1. MINIMUM 12.2m (40') POLE REQUIRED. REFER TO SECTION A-08-00 FOR CLASS.
2. USE MANUFACTURER LIVE TANK SIGN.
3. ALTHOUGH THE VERSA-TECH RECLOSER IS A BI-DIRECTIONAL DEVICE, IT IS RECOMMENDED THE SIDE WITH THE HANDLE IS THE LOAD SIDE AND THE SKIRTED END TO BE THE SOURCE SIDE.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. J. ARESENAULT	DRN.I. JOHNSON CHKD. 2019-08-22	1Ø RECLOSER IN LINE FEED
DATE OF ISSUE 2020/05/12	DRAWING NO. A-26-08	SHEET 4 of 6	
			REV. D

BACK TO INDEX PAGE

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION
		A	B	C	
31	7 69 64	0.02	0.02	0.02	WOOD SCREW – #14 – 2" HEX HEAD (100/BOX)
32	05 385 151	-	-	-	ALUM TAG HOLDER – FOR 10 – 1" TAGS, U.V. – SEE NOTE 6
33	05 385 20X	-	-	-	TAG NUMBER I.D. YELLOW POLYETHYLENE – SEE NOTE 6
33	05 385 209	-	-	-	TAG DASH I.D. YELLOW POLYETHYLENE – SEE NOTE 6
33	05 385 25X	-	-	-	TAG LETTER I.D. YELLOW POLYETHYLENE – SEE NOTE 6
34	05 638 32X	3	3	3	NUMBER – DECAL BLACK 1 1/2" – SEE NOTE 5
34	05 638 329	1	1	1	SYMBOL – DECAL "DASH" BLACK 1 1/2" – SEE NOTE 5
34	05 638 4XX	5	5	5	LETTER – DECAL BLACK 1 1/2" – SEE NOTE 5
35	05 640 006	1	1	1	SIGN – BLANK – REFLECTIVE – 3"X18" – SEE NOTE 5

NOTES:

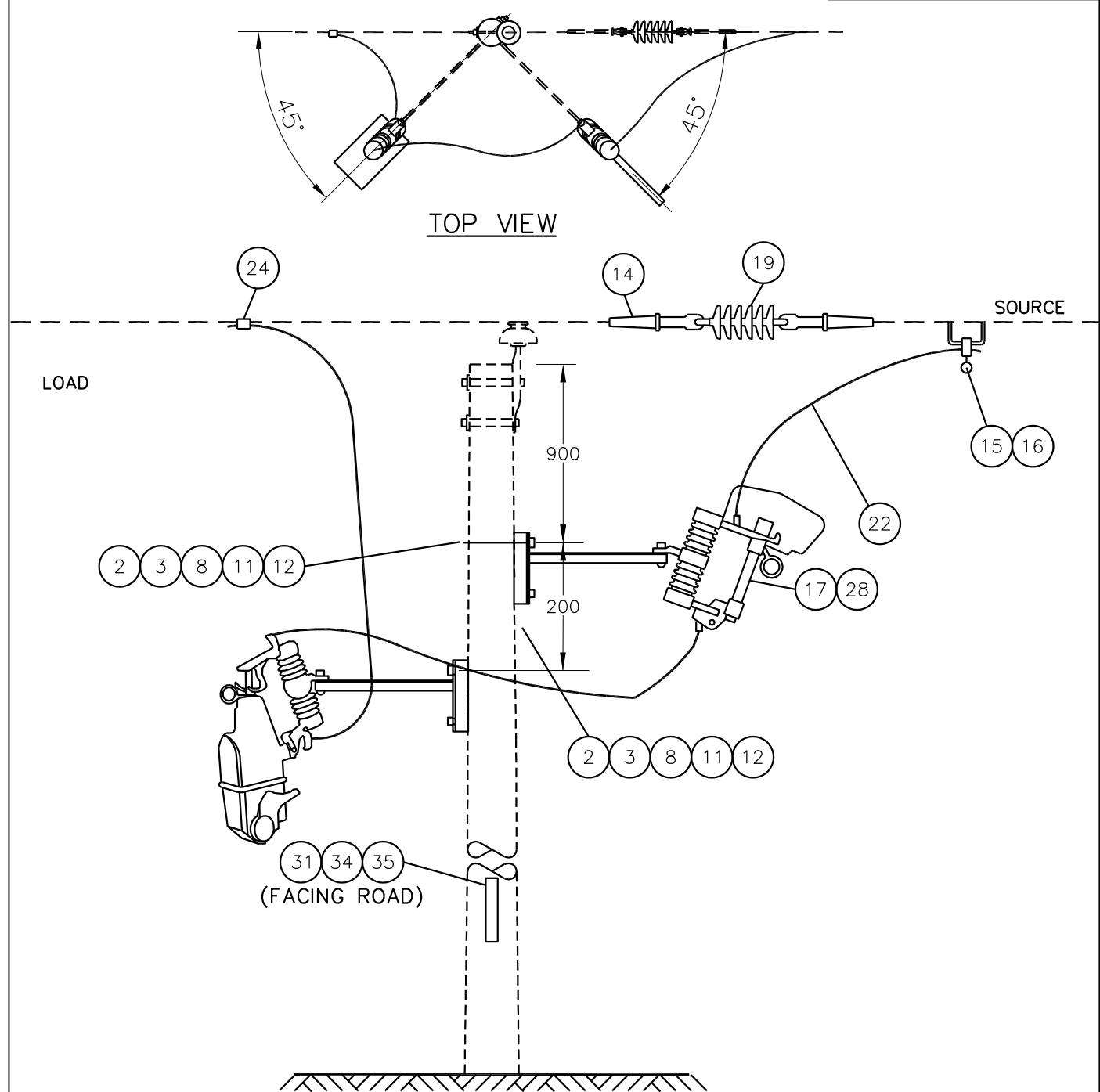
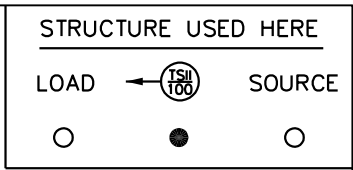
1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. BYPASS SWITCH MAY BE REPLACED WITH 100 AMP LOADBREAK CUTOUT (2 12 62) AND BRACKET FOR ARRESTER/CUTOUT (1 35 31). SEE PAGE A-26-08 SHEET 3.
3. COLUMN A REFERS TO A HYDRAULIC RECLOSER. COLUMN B REFERS TO THE VERSA-TECH RECLOSER. COLUMN C REFERS TO THE TRIPSAVER II RECLOSER.
4. CONFIGURATOR DEFAULTS TO RURAL ARRESTERS.
5. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
6. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. JDA	1 Ø RECLOSER IN-LINE FEED	
L. MOEN	J. ARSENAULT	CHKD.		
		2019-04-04		
DATE OF ISSUE: 2020/02/12		DRAWING NO. A-26-08	SHEET 5 OF 6	REV. A

BACK TO INDEX PAGE



- NOTES:
1. MINIMUM 12.2m (40') POLE REQUIRED. REFER TO SECTION A-08-00 FOR CLASS.
 2. ATTACH THE SOURCE SIDE TO THE TOP OF THE TRIP SAVER II CUTOUT.
 3. THE TRIP SAVER II CANNOT BE USED TO BREAK LOAD. USE THE LOAD BREAK CUTOUT TO BREAK LOAD.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. J. ARSENAULT	DRN.I. JOHNSON CHKD. 2019-08-22	1Ø RELOSER IN LINE FEED
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-08	
			SHEET 6 of 6
			REV. A

BILL OF MATERIAL

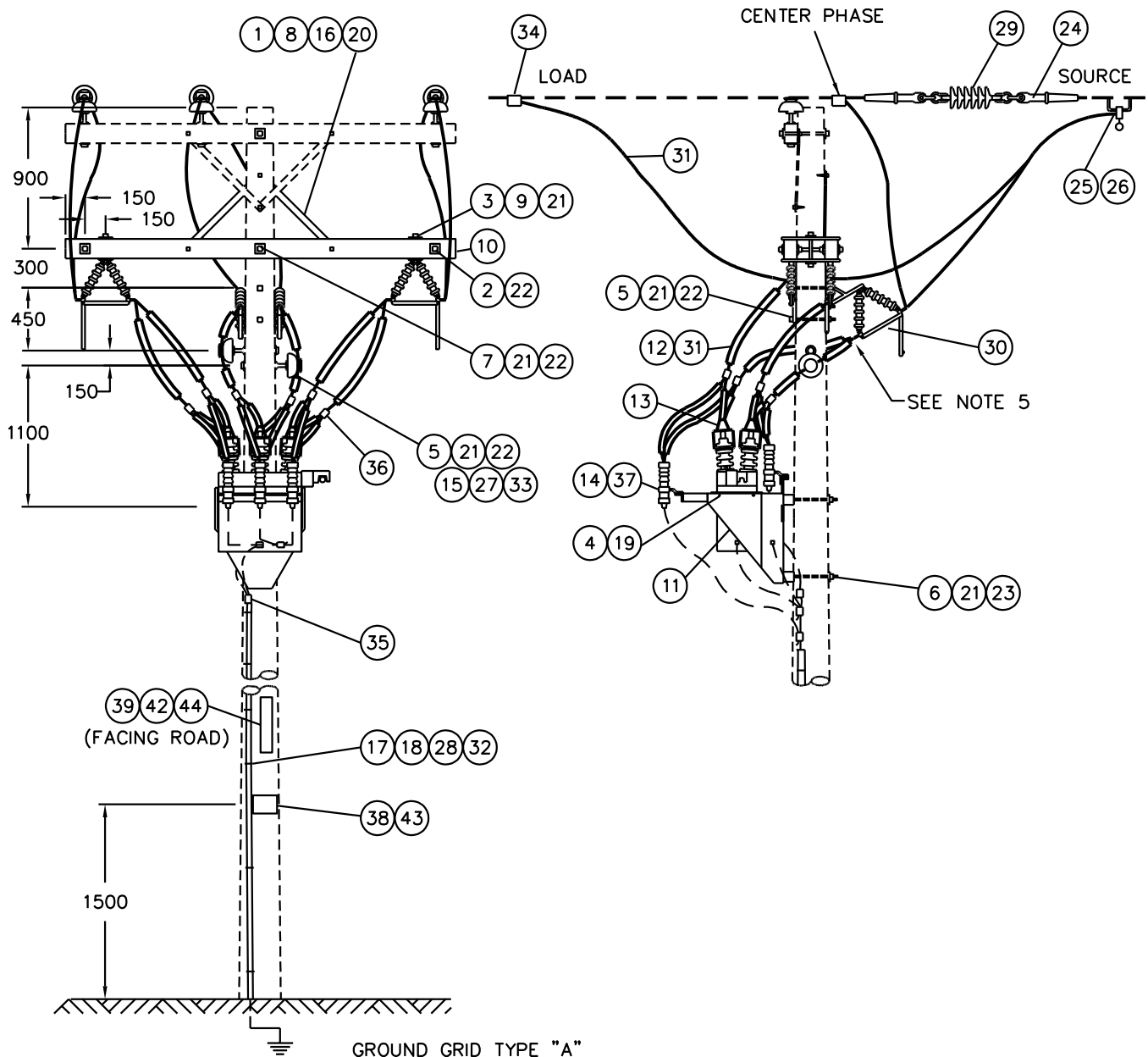
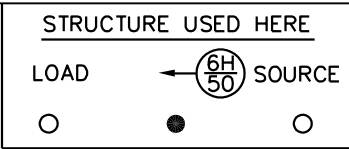
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 08 38	2	BOLT – CARRIAGE – 3/8" X 4-1/2"
2	1 09 20	2	BOLT – DOUBLE ARMING – 5/8" X 20"
3	1 12 08	4	BOLT – MACHINE – 1/2" X 8"
4	1 13 03	4	BOLT – MACHINE – 5/8" X 3"
5	1 13 10	4	BOLT – MACHINE – 5/8" X 10"
6	1 13 12	2	BOLT – MACHINE – 5/8" X 12"
7	1 13 20	1	BOLT – MACHINE – 5/8" X 20"
8	1 19 32	2	BRACE – CROSSARM – 32"
9	1 21 31	2	PLATE – ADAPTER (SEE NOTE 2)
10	1 29 10	2	CROSSARM – WOOD – 4" X 5" X 10'
11	1 35 10	1	BRACKET – POLE – 3H OR 6H RECLOSER
12	1 35 38	35 ft	WILDLIFE GUARD – RISER COVER
13	1 35 41	6	WILDLIFE GUARD – BUSHING COVER
14	1 35 57	2	BRACKET – ARRESTER – THREE PHASE OCR 3H/6H
15	1 53 13	2	PIN – FEMALE
16	1 78 12	1	SCREW – LAG – 1/2" X 4-1/2"
17	1 85 01	0.2 lb	STAPLE – FENCE
18	1 85 02	12	STAPLE – MOULDING
19	1 93 20	4	WASHER – LOCK – 5/8"
20	1 93 25	2	WASHER – LOCK – DOUBLE COIL – 3/8"
21	1 93 27	11	WASHER – LOCK – DOUBLE COIL – 5/8"
22	1 93 42	14	WASHER – SQUARE – 2-1/4" X 2-1/4" X 13/16" HOLE
23	1 93 96	2	WASHER – CURVED – 3" X 3" X 13/16" HOLE
24	2 01 XX	6	DEADEND – AUTOMATIC – CLEVIS TYPE (SEE NOTE 1)
25	2 02 70	3	CLAMP – HOTLINE
26	2 02 8X	3	CLAMP – BAIL (SEE NOTE 1)
27	2 20 23	2	INSULATOR – PIN TYPE
28	2 27 00	2	MOULDING – GROUND WIRE – 10' LENGTH
29	2 29 25	3	INSULATOR – DEADEND – POLYMER – TONGUE-TO-TONGUE
30	2 71 78	3	SWITCH – BYPASS – 27 kV – 600 AMPS
31	2 83 02	18 m	WIRE – CU – #2 – 7 STR
32	2 83 04	12 m	WIRE – CU – #4 – 7 STR
33	2 97 50	2	UNI-TIE
34	5 09 XX	3	CONNECTOR COMPRESSION (SEE NOTE 1)
			MATERIAL LIST CONTINUED ON SHEET 3 OF 3

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. BG	3Ø RECLOSERS
L MOEN	B GEBHART	CHKD. LM	
		2021-05-04	
DATE OF ISSUE:	2021-08-16	DRAWING NO: A-26-09	SHEET 1 OF 3 REV. G

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NOTES:

1. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND LOCATION.
2. MINIMUM 12.2m (40') POLE AND REFER TO SECTION A-08-00 FOR CLASS.
3. RUN GROUND WIRE ON OPPOSITE SIDE OF POLE TO SWITCHES AND KEEP AWAY FROM OPERATING HANDLE.
4. GROUND MOUNTING BRACKET OF O.C.R.
5. ALLOW FOR 150mm BETWEEN RISER COVER AND BYPASS BLADES FOR GROUNDING.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN.I. JOHNSON CHKD. 2019-08-22	3Ø RECLOSER
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-09	
		SHEET 2 of 3	REV. H

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
35	5 12 06	7	CONNECTOR CU - 4C4
36	5 12 08	6	CONNECTOR CU - 2C4
37	6 02 21	6	ARRESTER – 21kV (RURAL) – SEE NOTE 3
37	8 02 18	6	ARRESTER – 18 kV (URBAN) – SEE NOTE 3
38	7 69 62	0.04	SCREWS - WOOD - #10 - 1 1/2" (100/BOX)
39	7 69 64	0.02	WOOD SCREW – #14 – 2" HEX HEAD (100/BOX)
40	05 385 151	-	ALUM TAG HOLDER – FOR 10 – 1" TAGS, U.V. – SEE NOTE 5
41	05 385 20X	-	TAG NUMBER I.D. YELLOW POLYETHYLENE – SEE NOTE 5
41	05 385 209	-	TAG DASH I.D. YELLOW POLYETHYLENE – SEE NOTE 5
41	05 385 25X	-	TAG LETTER I.D. YELLOW POLYETHYLENE – SEE NOTE 5
42	05 638 32X	3	NUMBER – DECAL BLACK 1 1/2" – SEE NOTE 4
42	05 638 329	1	SYMBOL – DECAL "DASH" BLACK 1 1/2" – SEE NOTE 4
42	05 638 4XX	5	LETTER – DECAL BLACK 1 1/2" – SEE NOTE 4
43	05 640 000	2	SIGN "DANGER H.V."
44	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3"X18" – SEE NOTE 4

NOTES:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. USE ITEM 3 IN PLACE OF SHORT 1/2" BOLTS THAT COME WITH ADAPTER PLATES.
3. CONFIGURATOR DEFAULTS TO RURAL ARRESTERS.
4. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
5. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. JDA	3 Ø RECLOSERS
L. MOEN	J. ARSENAULT	CHKD.	
		2019-04-05	
DATE OF ISSUE: 2020/02/12		DRAWING NO: A-26-09	SHEET 3 OF 3 REV. F

BILL OF MATERIAL

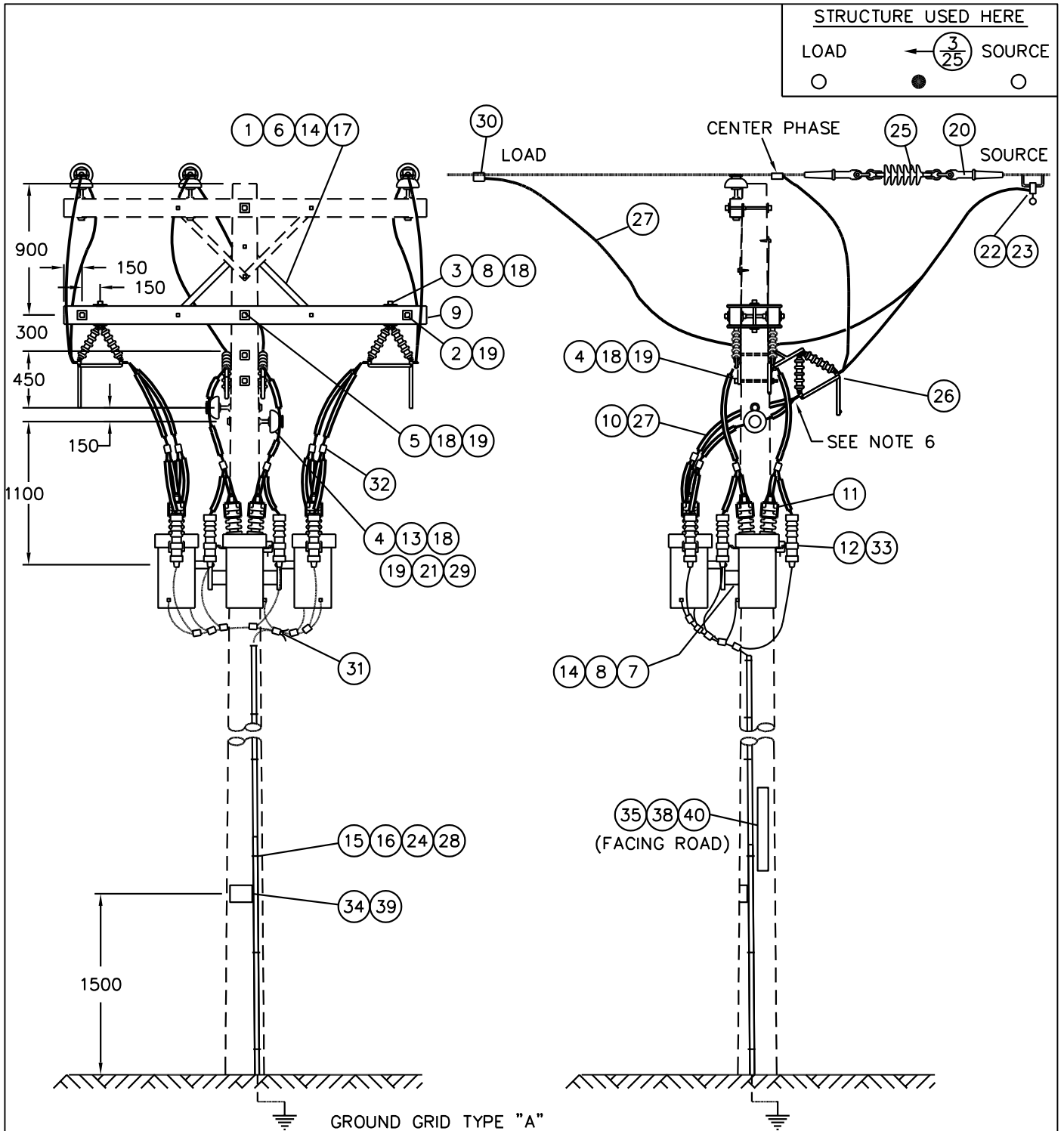
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 08 38	2	BOLT – CARRIAGE – 3/8" X 4-1/2"
2	1 09 20	2	BOLT – DOUBLE ARMING – 5/8" X 20"
3	1 12 08	4	BOLT – MACHINE – 1/2" X 8"
4	1 13 10	4	BOLT – MACHINE – 5/8" X 10"
5	1 13 20	1	BOLT – MACHINE – 5/8" X 20"
6	1 19 32	2	BRACE – CROSSARM – 32"
7	1 21 23	1	BRACKET – CLUSTERMOUNT
8	1 21 31	5	PLATE – ADAPTER (SEE NOTE 3)
9	1 29 10	2	CROSSARM – WOOD – 4" X 5" X 10'
10	1 35 38	35 ft	WILDLIFE GUARD – RISER COVER
11	1 35 41	6	WILDLIFE GUARD – BUSHING COVER
12	1 35 56	6	BRACKET – ARRESTER – SINGLE PHASE OCR
13	1 53 13	2	PIN – FEMALE
14	1 78 12	2	SCREW – LAG – 1/2" X 4-1/2"
15	1 85 01	0.5 lb	STAPLE – FENCE
16	1 85 02	12	STAPLE – MOULDING
17	1 93 25	2	WASHER – LOCK – DOUBLE COIL – 3/8"
18	1 93 27	9	WASHER – LOCK – DOUBLE COIL – 5/8"
19	1 93 42	14	WASHER – SQUARE – 2-1/4" X 2-1/4" X 13/16" HOLE
20	2 01 XX	6	DEADEND – AUTOMATIC – CLEVIS TYPE (SEE NOTE 1)
21	2 20 23	2	INSULATOR – PIN TYPE
22	2 02 70	3	CLAMP – HOTLINE
23	2 02 8X	3	CLAMP – BAIL (SEE NOTE 1)
24	2 27 00	2	MOULDING – WOOD – 10' LONG – GROUND WIRE
25	2 29 25	3	INSULATOR – DEADEND – POLYMER – TONGUE-TO-TONGUE
26	2 71 78	3	SWITCH – BYPASS – 27 kV – 600 AMP
27	2 83 02	18 m	WIRE – CU – #2 – 7 STR
28	2 83 04	12 m	WIRE – CU – #4 – 7 STR
29	2 97 50	2	UNI-TIE
30	5 09 XX	3	CONNECTOR – COMPRESSION (SEE NOTE 1)
31	5 12 06	8	CONNECTOR CU – 4C4
32	5 12 08	6	CONNECTOR CU – 2C4
			MATERIAL LIST CONTINUED ON SHEET 3 OF 3

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. BG	3 - 1Ø RECLOSERS
L MOEN	B GEBHART	CHKD. LM	
		2021-05-04	
DATE OF ISSUE:	2021-08-16	DRAWING NO: A-26-10	SHEET 1 OF 3 REV. H

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NOTES:

1. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND LOCATION.
2. MINIMUM 12.2m (40') POLE AND REFER TO SECTION A-08-00 FOR CLASS.
3. RUN GROUND WIRE ON OPPOSITE SIDE OF POLE TO SWITCHES.
4. RUN GROUND WIRE TO CLUSTER BRACKET.
5. TYPE "E" RECLOSERS USED OUTSIDE OF SUBSTATIONS, CAN HAVE SUPPLY TRANSFORMER MOUNTED UP TO ONE SPAN AWAY, ON THE SOURCE SIDE, IF SECONDARY VERTICAL CLEARANCES ARE MET.
6. ALLOW FOR 150mm BETWEEN RISER COVER AND BYPASS BLADES FOR GROUNDING.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK.	DRN.I. JOHNSON
L. MOEN	B. GEBHART	CHKD.
		2019-08-22

3 - 1Ø RECLOSERS

DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-10	SHEET 2 of 3	REV. H
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BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
33	6 02 21	6	ARRESTER – 21kV (RURAL) – SEE NOTE 4
33	8 02 18	6	ARRESTER – 18 kV (URBAN) – SEE NOTE 4
34	7 69 62	0.04	SCREWS – WOOD - #10 – 1 1/2" (100/BOX)
35	7 69 64	0.02	WOOD SCREW – #14 – 2" HEX HEAD (100/BOX)
36	05 385 151	-	ALUM TAG HOLDER – FOR 10 – 1" TAGS, U.V. – SEE NOTE 6
37	05 385 20X	-	TAG NUMBER I.D. YELLOW POLYETHYLENE – SEE NOTE 6
37	05 385 209	-	TAG DASH I.D. YELLOW POLYETHYLENE – SEE NOTE 6
37	05 385 25X	-	TAG LETTER I.D. YELLOW POLYETHYLENE – SEE NOTE 6
38	05 638 32X	3	NUMBER – DECAL BLACK 1 1/2" – SEE NOTE 5
38	05 638 329	1	SYMBOL – DECAL "DASH" BLACK 1 1/2" – SEE NOTE 5
38	05 638 4XX	5	LETTER – DECAL BLACK 1 1/2" – SEE NOTE 5
39	05 640 000	2	SIGN "DANGER H.V."
40	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3"X18" – SEE NOTE 5
41	MANUFACTURER	1	CONTROLLER – INTERLOCK FOR 'E' RECLOSER – SEE NOTE 2

NOTES:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. REFER TO A-26-18 FOR INTERLOCK MAINTENANCE.
3. USE ITEM 3 IN PLACE OF SHORT 1/2" BOLTS THAT COME WITH ADAPTER PLATES.
4. CONFIGURATOR DEFAULTS TO RURAL ARRESTERS.
5. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
6. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. JDA	3 - 1 Ø RECLOSERS
L. MOEN	J. ARSENAULT	CHKD.	
		2019-04-05	
DATE OF ISSUE: 2020/02/12		DRAWING NO: A-26-10	SHEET 3 OF 3 REV. A

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTIT Y	DESCRIPTION
1	1 08 38	2	BOLT – CARRIAGE – 3/8" x 4-1/2"
2	1 09 20	2	BOLT – DOUBLE ARMING – 5/8" X 20"
3	1 12 08	4	BOLT – MACHINE – 1/2" X 8" (SEE NOTE 5)
4	1 13 12	4	BOLT – MACHINE – 5/8" X 12"
5	1 13 14	2	BOLT – MACHINE – 5/8" X 14"
6	1 13 20	1	BOLT – MACHINE – 5/8" X 20"
7	1 14 16	2	BOLT – MACHINE – 3/4" X 16"
8	1 19 32	2	BRACE – CROSSARM – 32"
9	1 21 31	2	PLATE – ADAPTER (SEE NOTE 5)
10	1 29 10	2	CROSSARM – WOOD 4" X 5" X 10'
11	1 34 09	2	GUARD – CABLE – 2-1/2" X 8' PLASTIC
12	1 35 17	-	BRACKET – POLE MOUNT RVE (KA146WATT3) – (SEE NOTE 3)
12	1 35 23	1	BRACKET – POLE MOUNT NOVA
12	1 35 54	1	BRACKET – POLE MOUNT NOVA STS (SEE NOTE 4)
13	1 35 20	-	BRACKET – SUPPORT ARRESTER – RVE(KA126H3) – (SEE NOTE 3)
13	1 35 24	1	BRACKET – SUPPORT ARRESTER (INBOARD) – NOVA
13	1 35 55	1	BRACKET – INBOARD ARRESTER – NOVA STS (SEE NOTE 4)
14	1 35 25	1	BRACKET – SUPPORT ARRESTER (OUTBOARD) – NOVA
15	1 35 38	35 ft	CONDUCTOR COVER – #4 AWG TO 4/0
16	1 53 13	2	PIN – FEMALE – 1" THREAD
17	1 78 12	1	SCREW – LAG – 1/2" X 4-1/2"
18	1 78 38	2	SCREW – LAG – 3/8" X 4"
19	1 85 01	0.5 LB	STAPLE – FENCE
20	1 85 02	12	STAPLE – MOULDING
21	1 93 25	2	WASHER – LOCK – DOUBLE COIL – 3/8"
22	1 93 27	11	WASHER – LOCK – DOUBLE COIL – 5/8"
23	1 93 28	2	WASHER – LOCK – DOUBLE COIL – 3/4"
24	1 93 42	16	WASHER – SQUARE – 2-1/4" X 2-1/4" X 13/16" HOLE
25	1 93 96	2	WASHER – CURVED – 3" X 3" X 13/16" HOLE
26	2 01 XX	6	DEADEND – AUTOMATIC (SEE NOTE 1)
27	2 02 70	-	CLAMP – LIVELINE (SEE NOTE 3)
28	2 02 8X	-	CLAMP – BAIL (SEE NOTE 1 & 3)
29	2 20 23	2	INSULATOR – PIN TYPE
30	2 27 00	2	MOULDING – GROUND WIRE – 10'
31	2 29 25	3	INSULATOR – DEADEND – POLYMER – TONGUE/TONGUE
MATERIAL LIST CONTINUED ON SHEET 3			

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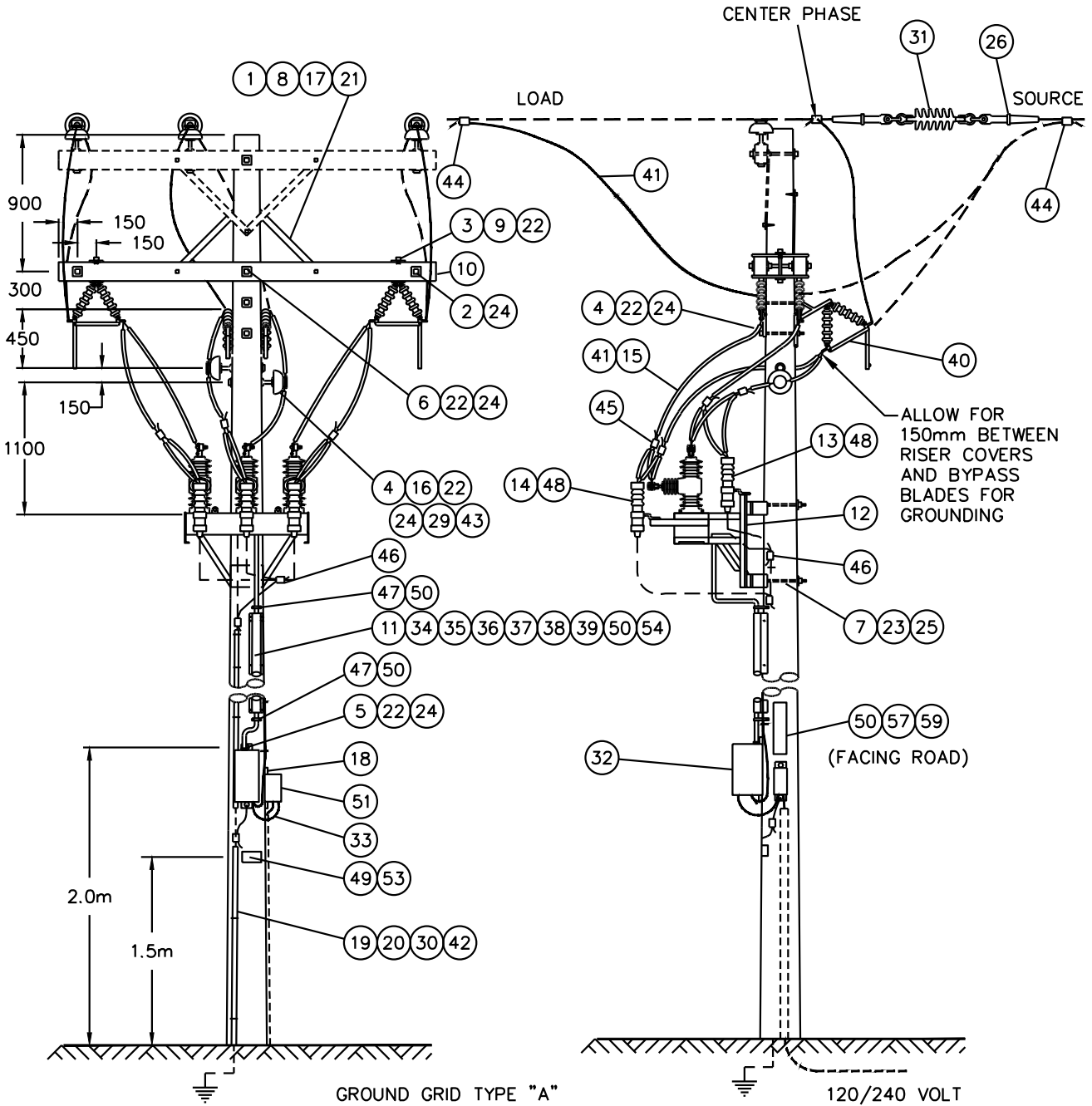
SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. BG	3Ø RECLOSER
L MOEN	B. GEBHART	CHKD. LM	
		09-17-2020	
DATE OF ISSUE: 2020-12-18	DRAWING NO: A-26-11	SHEET 1 OF 6	REV. J

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NOVA RECLOSERS

STRUCTURE USED HERE



NOTES:

1. THIS STRUCTURE IS FOR THE NOVA OR NOVA STS RECLOSER.
2. 120/240 V. SUPPLY IS FROM ANOTHER STRUCTURE. NO COMPONENTS FOR THIS SUPPLY ARE INCLUDED IN THE MATERIAL LIST. THE 120/240V SUPPLY MUST COME FROM SOURCE SIDE.
3. MINIMUM 12.2m(40') CLASS 4 POLE REQUIRED FOR NEW CONSTRUCTION. REFER TO SECTION A-08-00 FOR CLASS.
4. RUN GROUND WIRE ON OPPOSITE SIDE OF SWITCHES.
5. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND LOCATION.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN.I. JOHNSON CHKD. 2019-08-22	3Ø RECLOSER
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-11	SHEET 2 of 6
			REV. K

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
32	2 43 25	1	CONTROL BOX – FORM 6 TS – WALLMOUNT – SEE NOTE 4
32	2 43 62	1	CONTROL BOX – FORM 6 WALLMOUNT
33	2 43 65	1	CABLE – POWER SUPPLY (15')
34	2 43 70	1	CONNECTOR SOCKET, ALUMINUM 1"
34	2 43 27	1	CONNECTOR, FEMALE, 26 PIN, NOVA-TS – SEE NOTE 4
35	2 43 72	1	CONNECTOR PLUG, ALUMINUM 1"
35	2 43 29	1	CONNECTOR, MALE, 26 PIN, COOPER FORM6-TS – SEE NOTE 4
36	2 43 73	1	SLEEVE-CABLE LOCKING-FORM 6/FORM 6 TS
37	2 43 78	1	CONNECTOR CABLE STRAIN RELIEF, ALUMINUM
38	2 43 80	1	CONNECTOR-FEMALE-2 PIN-COOPER NOVA
39	2 43 81	8 m	CABLE 2C 14GA 600V - COOPER NOVA – SEE NOTE 2
40	2 71 78	3	SWITCH OCR BYPASS – 27 kV – 600 AMP
41	2 83 02	18 m	WIRE – CU #2/7 STR
42	2 83 04	12 m	WIRE – CU #4/7 STR
43	2 97 50	2	UNI – TIE
44	5 09 XX	6	CONNECTOR – COMPRESSION – SEE NOTE 1
45	5 12 01	6	CONNECTOR – CRIMPIT – #2 TO #2
46	5 12 06	7	CONNECTOR – CRIMPIT – #4 TO #4
47	5 46 18	2	STRAP – LEAD – 2" x 18"
48	6 02 21	6	ARRESTER – 21 kV (RURAL)
48	8 02 18	6	ARRESTER – 18 kV (URBAN)
49	7 69 62	0.04	SCREWS – WOOD – #10 – 1 1/2" (100/BOX)
50	7 69 64	0.26	SCREW – WOOD – #14 – 2 1/2" (100/BOX)
51	9 02 20	1	BOX – ELECTRICAL – COMPLETE WITH 15 AMP BREAKER, LIGHTS
52	71 13 64	-	CLIP – CONDUIT – 3/4"
53	5 640 000	2	SIGN "DANGER H.V."
54	72 300 452	8 m	CABLE 12C 18AWG 600V SHIELDED – SEE NOTE 2
54	2 43 28	8 m	CABLE – 24C 18GA 600V SHIELDED NOVA TS – SEE NOTES 2 & 4
			MATERIAL LIST CONTINUED ON SHEET 6

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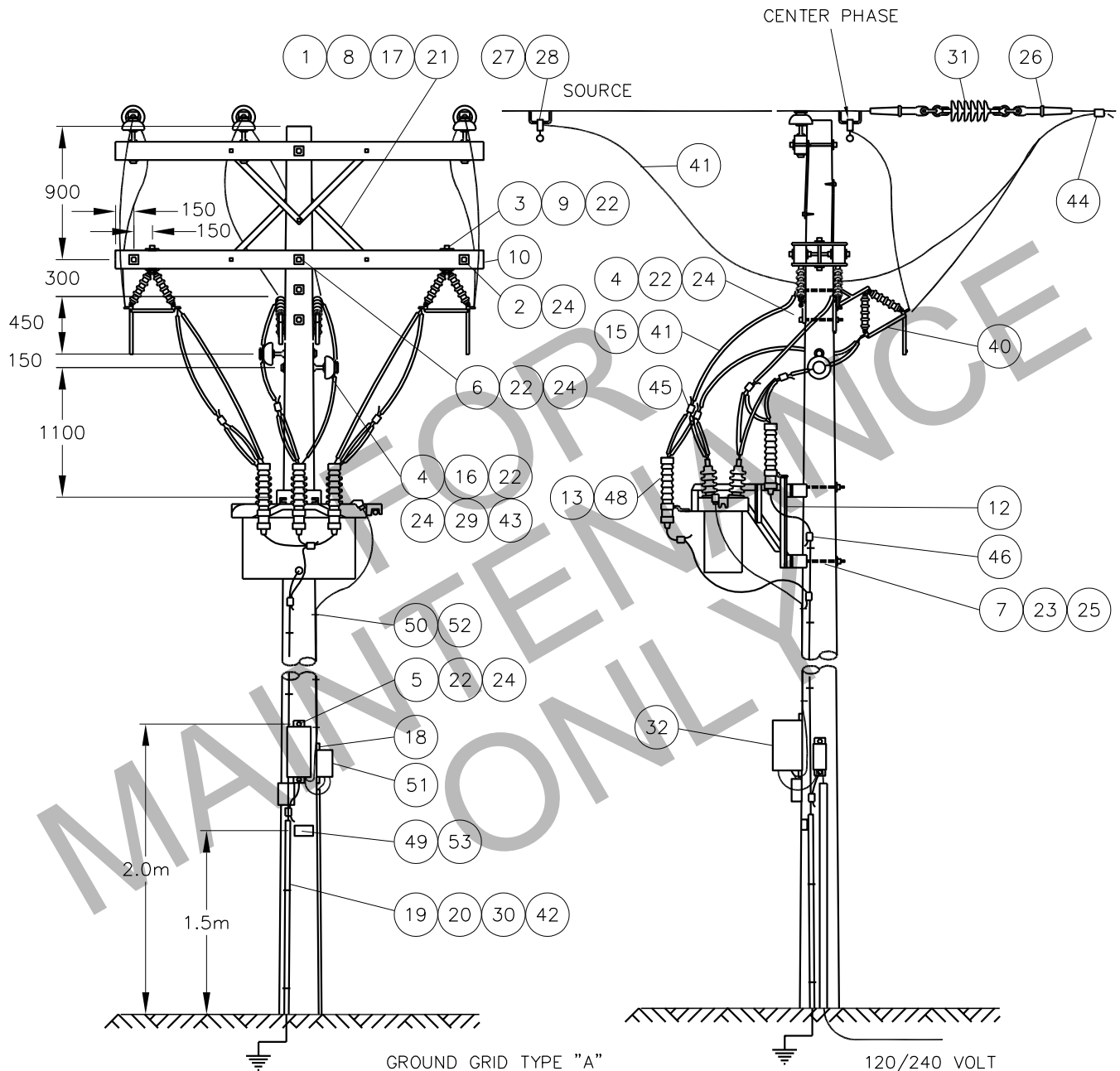
SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. JDA	3Ø RECLOSER
L. MOEN	J. ARSENAULT	CHKD.	
		2020-04-05	
DATE OF ISSUE: 2020/02/12	DRAWING NO: A-26-11	SHEET 3 OF 6	REV. K

STRUCTURE USED HERE



RVE, WVE, VWVE RECLOSERS



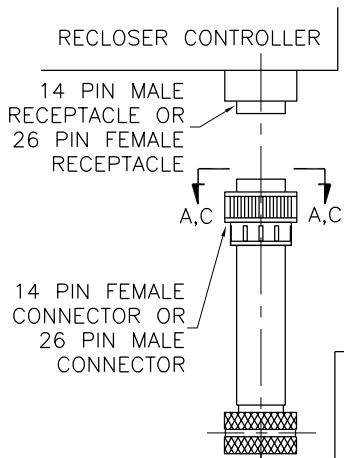
NOTES:

1. THIS STRUCTURE IS FOR ALL RVE, WVE, VWVE RECLOSERS.
2. 120/240 V. SUPPLY IS FROM ANOTHER STRUCTURE. NO COMPONENTS FOR THIS SUPPLY ARE INCLUDED IN THE MATERIAL LIST. THE 120/240V SUPPLY MUST COME FROM SOURCE SIDE.
3. MINIMUM 10.7m(35') CLASS 4 POLE REQUIRED. REFER TO SECTION A-08-00 FOR CLASS.
4. RUN GROUND WIRE ON OPPOSITE SIDE OF SWITCHES.
5. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND LOCATION.
6. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

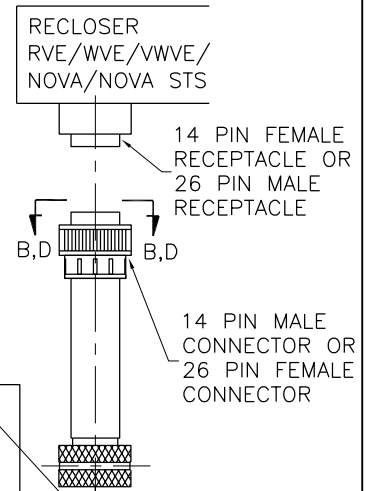
SCALE: N.T.S.

SaskPower – DISTRIBUTION STANDARDS			
APPROVAL L.MOEN	DESIGN CHK. B.GEBHART	DRN.D.REDEKOPP CHKD. 2020-10-19	3ϕ RECLOSER
DATE OF ISSUE	2020-12-18	DRAWING NO. A-26-11	SHEET 4 of 6
			REV. 1

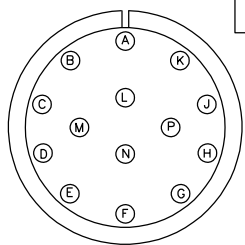
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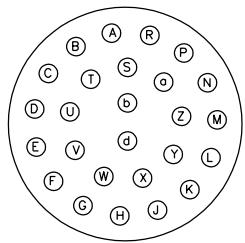
PIN NO.	CABLE COLOUR	SIGNAL FUNCTION	PIN NO.
A	RED/BLACK	24 V DC	A
B	BLUE/BLACK	TRIP SOL	B
C	BLACK	SW1	C
D	WHITE	SW1	D
E	WHITE/BLACK	CLOSE SOL	E
F	GREEN	CLOSE STATUS	F
G	GREEN/BLACK	"A" PHASE CT	G
H	BLUE	"B" PHASE CT	H
J	ORANGE/BLACK	"C" PHASE CT	J
K	ORANGE	CT RETURN	K
L	BLACK/WHITE	BATTERY CT	L
M	RED&SHIELD	GROUND	M
N	N/C	N/C	N
P	N/C	N/C	P



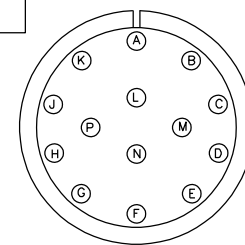
PIN NO.	CABLE COLOUR	SIGNAL FUNCTION	PIN NO.
A	BLACK/RED	+53VDC	A
B	WHITE/RED	+53VDC	B
C	RED/BLACK	+53VDC	C
D	RED/GREEN	VTC	D
E	BLACK/WHITE/RED	TRIP Aph	E
F	RED	TRIP Bph	F
G	BLACK/WHITE	TRIP Cph	G
H	BLUE/BLACK	CLOSE Aph	H
J	RED/WHITE	CLOSE Bph	J
K	GREEN/WHITE	CLOSE Cph	K
L	ORANGE	VTC COM	L
M	SHIELD	CHASSIS	M
N	WHITE/BLACK	-53VDC	N
P	ORANGE/RED	-53VDC	P
R	BLUE/WHITE	-53VDC	R
S	BLUE/RED	YELLOW HANDLE Aph	S
T	BLUE	YELLOW HANDLE Bph	T
U	GREEN/BLACK	YELLOW HANDLE Cph	U
V	WHITE/BLACK/RED	CT Aph	V
W	RED/BLACK/WHITE	CT Bph	W
X	GREEN	CT Cph	X
Y	ORANGE/GREEN	CT COM	Y
Z	BLACK	NOT USED (OPT V SENSOR Cph)	Z
a	WHITE	NOT USED (OPT V SENSOR Aph)	a
b	ORANGE/BLACK	NOT USED (OPT V SENSOR Bph)	b
d	UNUSED	N/C	d



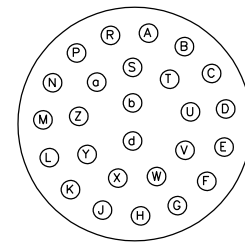
**VIEW A-A
DETAIL**
FEMALE 14 PIN LAYOUT



**VIEW D-D
DETAIL**
MALE 26 PIN LAYOUT



**VIEW B-B
DETAIL**
MALE 14 PIN LAYOUT



**VIEW C-C
DETAIL**
FEMALE 26 PIN LAYOUT

NOTES:

1. CABLE COLOUR CODE IS A GUIDELINE ONLY AS COLOURS MAY CHANGE FOR DIFFERENT "SO" CABLE TYPE SUPPLIES.
2. FOR WHATEVER COLOUR SCHEME IS AVAILABLE THE "M" PIN MUST ALWAYS BE SOLDERED TO THE CABLE OVERALL SHIELD IN BOTH CONNECTOR ENDS.
3. SOLDER CONNECTIONS SHOULD BE SEALED BY COVERING WIRE WITH HEAT-SHRINK, APPLY DIELECTRIC GREASE PRIOR TO SOLDERING CABLES.
4. RVE, WVE, VWVE, NOVA ALL USE 14 PIN CONNECTORS AND 12C 18AWG 600V SHIELDED CABLE.
5. NOVA STS USES 26 PIN CONNECTORS AND 24C 18AWG 600V SHIELDED CABLE.

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SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B.GEBHART	DRN.D.REDEKOPP CHKD. 2020-10-19
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3Ø RECLOSER

DATE OF ISSUE	2020-12-18	DRAWING NO.	A-26-11	SHEET 5 of 6	REV. A
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BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
55	05 385 151	-	ALUM TAG HOLDER – FOR 10 – 1" TAGS, U.V. – SEE NOTE 7
56	05 385 20X	-	TAG NUMBER I.D. YELLOW POLYETHYLENE – SEE NOTE 7
56	05 385 209	-	TAG DASH I.D. YELLOW POLYETHYLENE – SEE NOTE 7
56	05 385 25X	-	TAG LETTER I.D. YELLOW POLYETHYLENE – SEE NOTE 7
57	05 638 32X	3	NUMBER – DECAL BLACK 1 1/2" – SEE NOTE 6
57	05 638 329	1	SYMBOL – DECAL “DASH” BLACK 1 1/2" – SEE NOTE 6
57	05 638 4XX	5	LETTER – DECAL BLACK 1 1/2" – SEE NOTE 6
59	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3"X18" – SEE NOTE 6
<p>NOTES:</p> <ol style="list-style-type: none"> REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS. SPECIFY EXTRA CABLE LENGTH WHEN REQUIRED. THESE ARE SPECIFIC TO THE INSTALLATION OF AN RVE, WVE, OR VWVE (SHEET 4). THESE ARE SPECIFIC TO THE INSTALLATION OF A NOVA STS. USE ITEM 3 IN PLACE OF SHORT 1/2" BOLTS THAT COME WITH ADAPTER PLATES. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES. 			

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. JDA	3Ø RECLOSER
L. MOEN	J. ARSENAULT	CHKD.	
		2019-04-05	
DATE OF ISSUE: 2020/02/12	DRAWING NO: A-26-11	SHEET 6 OF 6	REV. 0

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 13 10	1	BOLT-MACHINE-5/8" x 10"
2	1 13 12	2	BOLT-MACHINE-5/8" x 12"
3	1 35 31	1	BRACKET - "T" FOR CUTOUTS AND ARRESTERS
4	1 35 32	2	BRACKET – X ARM FOR CUTOUTS, ARRESTER, OR TERMINATOR
5	1 78 12	1	SCREW – LAG - 1/2" x 4 1/2"
6	1 85 01	1 lb	STAPLE – FENCE
7	1 85 02	30	STAPLE – MOULDING
8	1 93 27	3	WASHER – LOCK DOUBLE COIL-5/8"
9	1 93 42	1	WASHER – SQUARE - 2 1/4" x 2 1/4" x 13/16" HOLE
10	1 93 96	2	WASHER – CURVED – 3" x 3" x 13/16" HOLE
11	2 02 XX	2	CLAMP – DEADEND (SEE NOTE 1)
12	2 02 70	1	CLAMP –LIVELINE
13	2 02 8X	1	CLAMP – BAIL (SEE NOTE 1)
14	2 12 62	1	CUTOUT – LOAD BREAK
15	2 27 00	5	MOULDING – GROUND WIRE
16	2 29 25	1	INSULATOR – DEADEND POLYMER - TONGUE-TO-TONGUE
17	2 83 02	13 m	WIRE-CU #2/7 STR
18	2 83 04	9 m	WIRE-CU #4/7 STR
19	5 09 XX	1	CONNECTOR AL – CRIMPIT (SEE NOTE 1)
20	5 12 06	3	CONNECTOR CU – 4C4
21	5 12 08	1	CONNECTOR CU – 2C4
22	6 02 21	2	ARRESTER – 21 Kv
23	7 38 00	1	FUSE LINK – 100A TYPE "T"
24	7 69 62	0.04	SCREWS – WOOD - #10 –1 1/2" (100/BOX)
25	05 640 000	1	SIGN - "DANGER H.V."

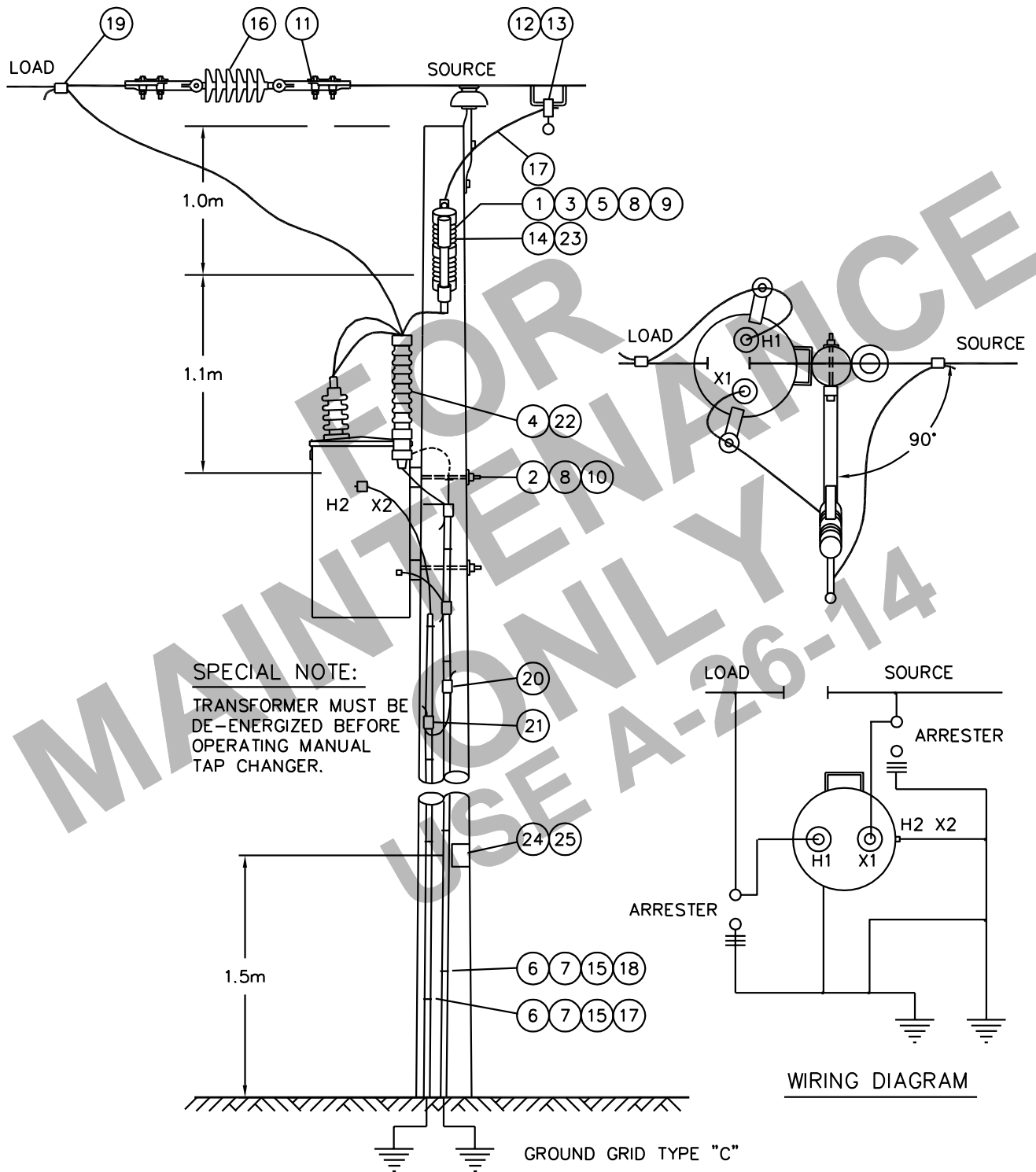
NOTE:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.

SaskPower - DISTRIBUTION STANDARDS

DRN.	DESIGN CHK.	APPROVAL	1Ø AUTO TRANSFORMER 14.4 kV - 300 or 600 kV.A
CHKD.		DATE	
DATE	DATE	DATE	
DATE OF ISSUE 2007/04/16		DRAWING NO: A-26-12	SHEET 1 of 2
			REV. E

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NOTE:

1. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND TYPE.
2. RUN GROUND WIRES ON OPPOSITE SIDE OF POLE TO CUTOUT.
3. NEUTRAL GROUND AND ARRESTER GROUND TO BE SEPARATED BY A MINIMUM OF 150mm AND TO BE ON OPPOSITE SIDE OF POLE AT GROUND LEVEL.
4. MINIMUM 10.7m(35') POLE AND REFER TO SECTION A-08-00 FOR CLASS OF POLE.
5. CONNECTION SHOWN IS FOR BOOST APPLICATION.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED
 APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS			
APPROVAL L.MOEN	DESIGN CHK. J.ARSENAULT	DRN.E.GOTANA CHKD. 2018-11-20	1φ AUTO TRANSFORMER 14.4kV – 300 OR 600 kVA
DATE OF ISSUE	2007-04-16	DRAWING NO.	A-26-12
		SHEET 2 of 2	REV. E

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 13 10	2	BOLT MACHINE - 5/8" X 10"
2	1 13 12	2	BOLT MACHINE - 5/8" X 12"
3	1 14 12	2	BOLT MACHINE - 3/4" x 12"
4	1 35 32	2	BRACKET - X ARM FOR CUTOUT, ARRESTER, TERMINATOR
5	1 53 13	2	PIN - FEMALE
6	1 78 12	2	SCREW LAG - 1/2" X 4 1/2"
7	1 85 01	1.0 lb	STAPLE - FENCE
8	1 85 02	24	STAPLE - MOULDING
9	1 93 27	4	WASHER LOCK - DOUBLE COIL SPRING - 5/8"
10	1 93 28	2	WASHER LOCK - DOUBLE COIL SPRING - 3/4"
11	1 93 42	4	WASHER - SQUARE - 2 1/4" x 2 1/4" x 13/16" HOLE
12	1 93 96	2	WASHER - CURVED - 3" x 3" x 13/16" HOLE
13	2 02 XX	2	CLAMP - DEADEND (SEE NOTE 1)
14	2 02 70	1	CLAMP - LIVELINE
15	2 02 8X	1	CLAMP- BAIL (SEE NOTE 1)
16	2 20 23	2	INSULATOR - PIN
17	2 27 00	4	MOULDING - GROUND WIRE
18	2 29 25	1	INSULATOR - DEADEND POLYMER - TONGUE-TO-TONGUE
19	2 71 78	1	SWITCH OCR BYPASS - 25 kV - 600 AMPS
20	2 83 02	14 m	WIRE - CU #2/7 STR
21	2 83 04	9 m	WIRE CU - #4/7 STR
22	2 97 50	2	UNI -TIE
23	5 09 XX	1	CONNECTOR AL - CRIMPIT (SEE NOTE 1)
24	5 12 06	3	CONNECTOR CU - 4C4
25	5 12 08	1	CONNECTOR CU - 2C4
26	6 02 21	2	ARRESTER-21 KV (RURAL)
27	7 69 62	0.16	SCREW - WOOD - #10 - 1 1/2" (100/BOX)
28	71 13 64	6	CLIPS - CONDUIT - 3/4"
29	05 640 000	1	SIGN - "DANGER H.V."

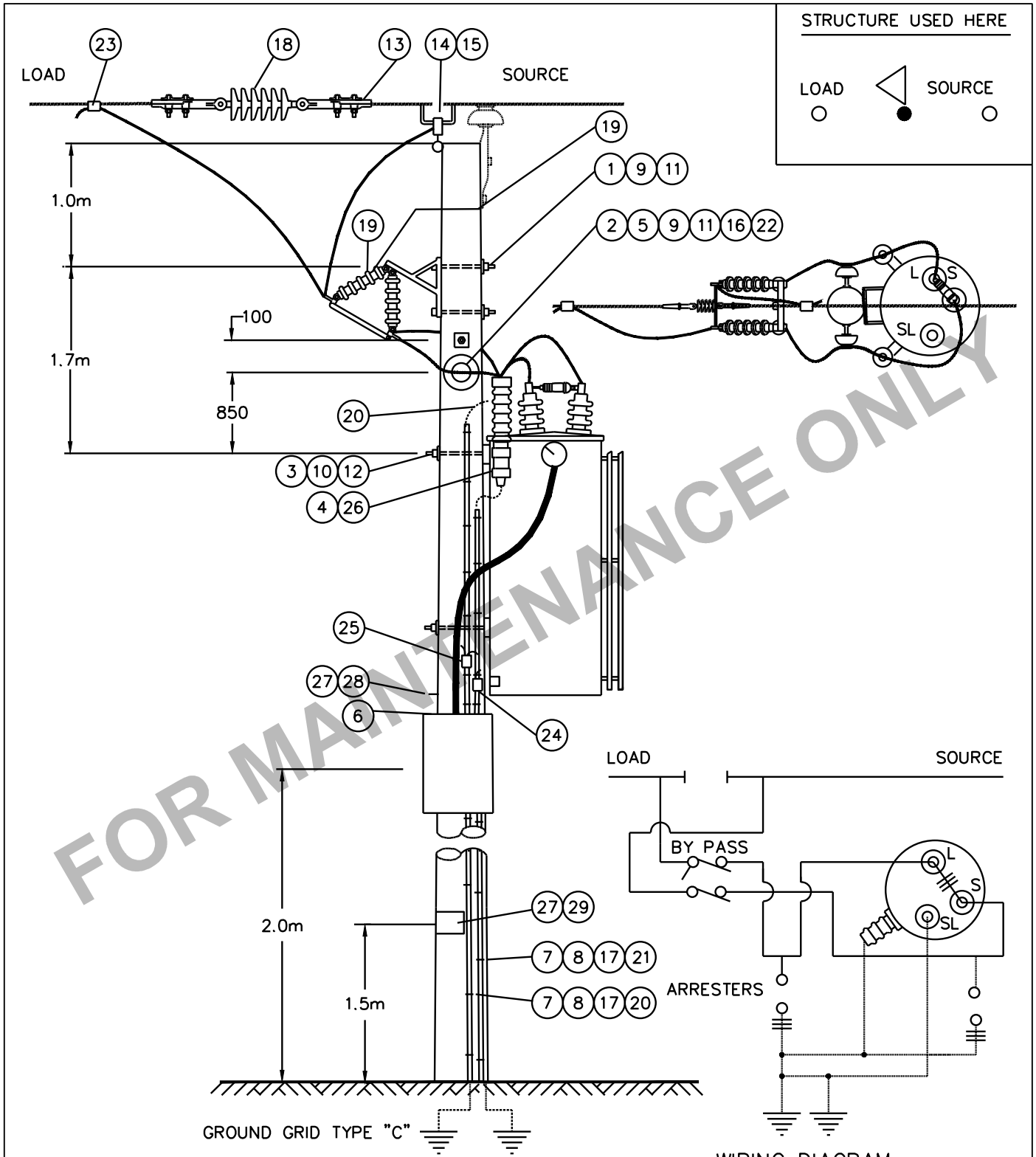
NOTE:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.

SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN.	1Ø, 14.4 KV, 4 STEPS VOLTAGE REGULATOR
M. ERETH	L. BAILEY	CHKD.	
		2014-08-29	
DATE OF ISSUE:	2015/04/28	DRAWING NO: A-26-13	SHEET 1 OF 2
			REV. E

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NOTE:

1. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND TYPE.
2. RUN GROUND WIRES ON OPPOSITE SIDE OF POLE TO SWITCH.
3. NEUTRAL GROUND AND EQUIPMENT. GROUND TO BE SEPARATED BY MINIMUM OF 150mm AND TO BE ON OPPOSITE SIDE OF POLE AT GROUND LEVEL.
4. MINIMUM 12.2m POLE AND REFER TO SECTION A-08-00 FOR CLASS OF POLE.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

SaskPower – DISTRIBUTION STANDARDS			
APPROVAL M.ERETH	DESIGN CHK. L.BAILEY	DRN. A.GATZKE CHKD.	1 ϕ 14.4 kV, 4 STEPS VOLTAGE REGULATOR
		2014-08-25	
DATE OF ISSUE	2015/04/28	DRAWING NO. A-26-13	SHEET 2 of 2
			REV. D

BILL OF MATERIAL

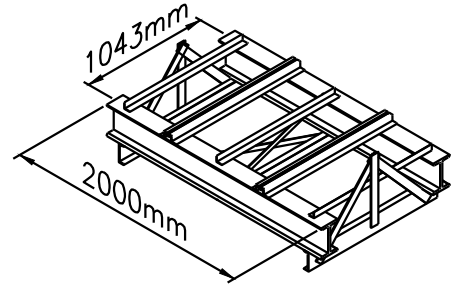
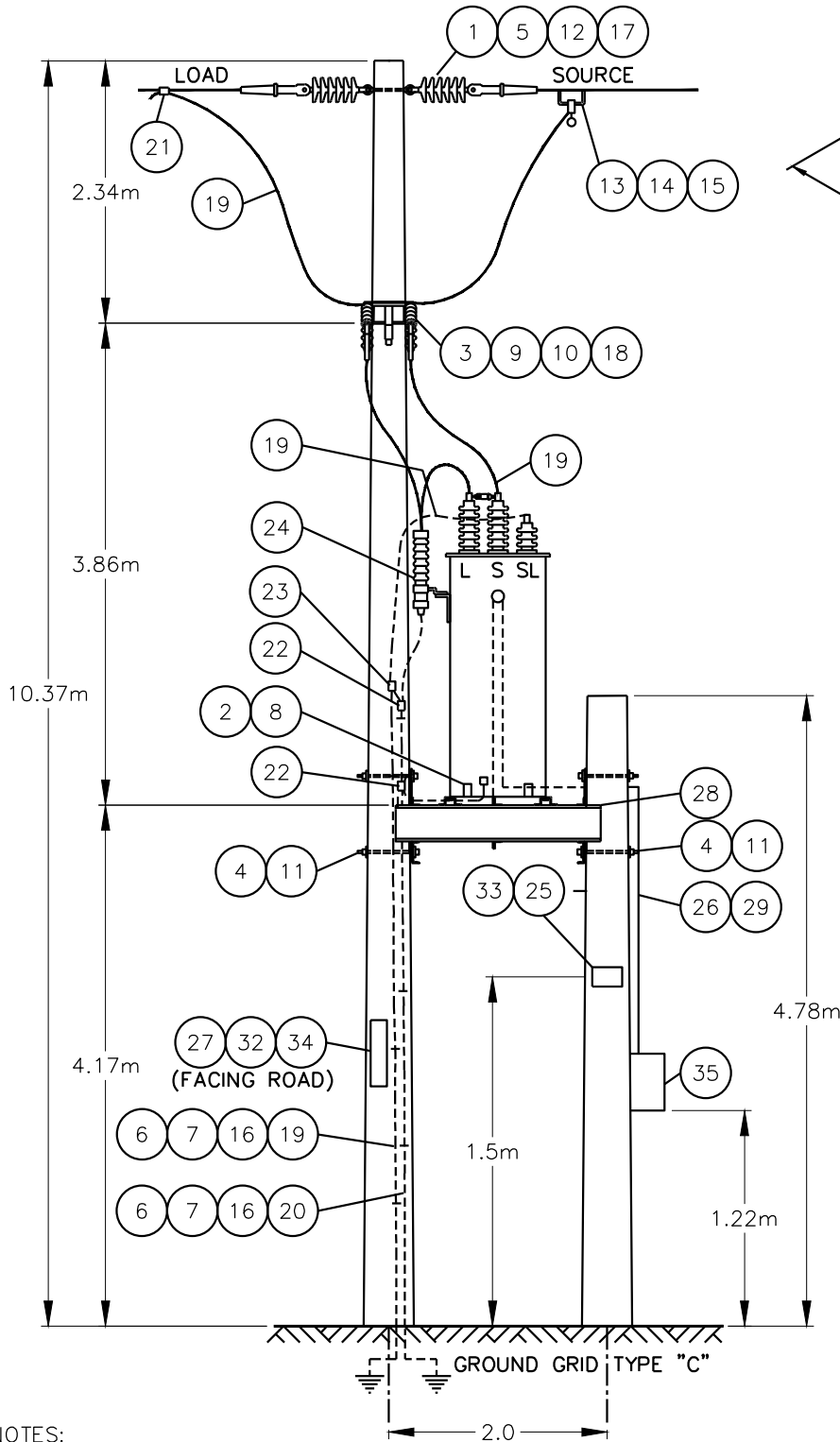
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 11 08	1	BOLT – EYE – 5/8" X 8"
2	1 12 08	4	BOLT – MACHINE – 1/2" X 8"
3	1 13 12	2	BOLT – MACHINE – 5/8" X 12"
4	1 14 12	4	BOLT – MACHINE – 3/4" X 12"
5	1 50 00	1	NUT – EYE – 5/8"
6	1 85 01	1/2 lb	STAPLE – FENCE
7	1 85 02	12	STAPLE – MOULDING
8	1 93 22	4	WASHER – LOCK – 1/2"
9	1 93 27	2	WASHER – LOCK – DOUBLE COIL SPRING – 5/8"
10	1 93 42	2	WASHER – SQUARE – 2 1/4" X 2 1/4" X 13/16" HOLE
11	1 93 95	4	WASHER – SQUARE – 3" X 3" X 13/16" HOLE
12	2 0X XX	2	CLAMP – DEADEND – SEE NOTE 1
13	2 02 70	1	CLAMP – HOTLINE
14	2 02 8X	1	CLAMP – HOTLINE WITH BAIL – SEE NOTE 1
14	2 05 2X	1	CONNECTOR – AMPACT WITH BAIL – SEE NOTE 1
15	2 06 9X	1	SHELL-TAP (AMPACT) – SEE NOTE 1
16	2 27 00	2	MOULDING – WOOD – 10' LENGTH
17	2 29 24	2	INSULATOR – DEADEND – POLYMER
18	2 71 78	1	BYPASS SWITCH – REGULATOR – 27KV – 600 AMPS
19	2 83 02	13 m	WIRE – CU – #2/7 STR
20	2 83 04	11 m	WIRE – CU – #4/7 STR
21	5 09 XX	1	CONNECTOR – COMPRESSION – SEE NOTE 1
22	5 12 06	3	CONNECTOR – CRIMPIT – 4C4
23	5 12 08	1	CONNECTOR – CRIMPIT – 2C4
24	6 02 21	2	ARRESTER – 21 KV (RURAL)
25	7 63 30	0.2 lb	NAILS – SPIRAL – 4"
26	7 69 62	0.06	SCREW – WOOD – #10 X 1-1/2" (100/BOX)
27	7 69 64	0.02	SCREW – WOOD – #14 – 2" HEX HEAD (100/BOX)
28	8 30 46	1	PLATFORM
29	71 13 64	6	CLIPS – CONDUIT – 3/4"
			MATERIAL LIST CONTINUED ON SHEET 3

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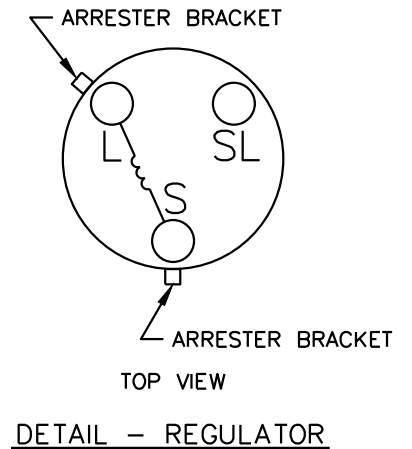
SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. BG	1Ø VOLTAGE REGULATOR PLATFORM MOUNT 14.4 kV - 50 TO 100 AMPS, 32 STEPS
L MOEN	B. GEBHART	CHKD. LM	
		2020-06-26	
DATE OF ISSUE: 2020-12-18	DRAWING NO: A-26-14	SHEET 1 OF 3	REV. D

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PLATFORM
(DWG. E1 - 647)
(STOCK CODE No. 8-30-46)



NOTES:

1. REFER TO SECTION A-36 FOR GROUNDING DETAILS AND LOCATION.
2. RUN GROUND WIRES ON OPPOSITE SIDE OF POLE TO SWITCH.
3. NEUTRAL GROUND AND EQUIPMENT GROUND TO BE SEPARATED BY A MINIMUM OF 150mm AND TO BE ON OPPOSITE SIDE OF POLE AT GROUND LEVEL.
4. REFER TO A-08-00 sht.25 FOR CLASS OF POLE.
5. MINIMUM 12.2m POLE CLASS 4 TO BE USED.
6. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L. MOEN	DESIGN CHK. B. GEBHART	DRN.D.REDEKOPP CHKD. 2020-07-08	1 ϕ VOLTAGE REGULATOR PLATFORM MOUNT 14.4kV – 50 TO 100AMPS, 32 STEPS
DATE OF ISSUE	2020-12-18	DRAWING NO. A-26-14	
		SHEET 2 of 3	REV. C

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
30	05 385 151	-	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS – SEE NOTE 3
31	05 385 20X	-	TAG – NUMBER – YELLOW – SEE NOTE 3
31	05 385 209	-	TAG – DASH – YELLOW – SEE NOTE 3
31	05 385 25X	-	TAG – LETTER – YELLOW – SEE NOTE 3
32	05 638 32X	5	DECAL – NUMBER – BLACK – 1-1/2" – SEE NOTE 2
32	05 638 329	1	DECAL – DASH – BLACK – 1-1/2" – SEE NOTE 2
32	05 638 4XX	3	DECAL – LETTER – BLACK – 1-1/2" – SEE NOTE 2
33	05 640 000	2	SIGN – DANGER – HIGH VOLTAGE
34	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3" X 18" – SEE NOTE 2
35	NON-STOCK	1	KIT CONTROL BOX EXTENSION

NOTES:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
3. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. BG	1 Ø VOLTAGE REGULATOR PLATFORM MOUNT 14.4 kV - 50 TO 100 AMPS, 32 STEPS
L MOEN	B. GEBHART	CHKD. LM	
		2020-06-26	
DATE OF ISSUE:	2020-12-18	DRAWING NO: A-26-14	SHEET 3 OF 3 REV. 0

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY		DESCRIPTION
		A	B	
1	1 08 38	4	4	BOLT – CARRIAGE – 3/8" X 4-1/2"
2	1 13 06	6	6	BOLT – MACHINE – 5/8" X 6"
3	1 13 12	1	1	BOLT – MACHINE – 5/8" X 12"
4	1 13 14	6	6	BOLT – MACHINE – 5/8" X 14"
5	1 14 12	6	6	BOLT – MACHINE – 3/4" X 12"
6	1 19 32	4	4	BRACE – CROSSARM – 32"
7	1 29 10	2	2	CROSSARM – 4" X 5" X 10' (SEE NOTE 4)
8	1 29 28	2	2	CROSSARM – 5-1/4" X 6" X 16'
9	1 34 09	1	1	GUARD – CABLE – PLASTIC – 2-1/2"
10	1 34 11	1	1	GUARD – CABLE – STEEL – 2-1/2"
11	1 35 31	1	1	BRACKET – T
12	1 35 32	7	7	BRACKET – FOR CUTOUT, ARRESTER, TERMINATOR
13	1 35 41	10	10	WILDLIFE GUARD – BUSHING COVER
14	1 53 09	8	8	PIN (SEE NOTE 4)
15	1 78 12	5	5	SCREW – LAG – 1/2" X 4-1/2"
16	1 78 38	6	6	SCREW – LAG – 3/8" X 4"
17	1 85 01	1.0 lb	1.0 lb	STAPLE – FENCE
18	1 85 02	12	12	STAPLE – MOULDING
19	1 93 25	4	4	WASHER – DOUBLE COIL – 3/8"
20	1 93 27	13	13	WASHER – DOUBLE COIL – 5/8" (SEE NOTE 4)
21	1 93 28	12	12	WASHER – DOUBLE COIL – 3/4"
22	1 93 33	6	6	WASHER – ROUND – 1-3/4" X 11/16" HOLE
23	1 93 34	8	8	WASHER – ROUND – 2" X 13/16" HOLE (SEE NOTE 4)
24	1 93 42	13	13	WASHER – SQUARE – 2-1/4" X 13/16" HOLE
25	1 93 96	6	6	WASHER – CURVED – 3" X 13/16" HOLE
26	2 02 XX	6	6	DEADEND – BOLTED (SEE NOTE 1)
27	2 02 70	1	1	CLAMP – LIVELINE
28	2 02 8X	1	1	CLAMP – BAIL
29	2 12 67	1	1	CUTOUT – 25 kV – 100 AMP
30	2 20 23	8	8	INSULATOR – PIN TYPE (SEE NOTE 4)
31	2 27 00	2	2	MOULDING – GROUND WIRE – 10' LENGTH
32	2 29 25	3	3	INSULATOR – DEADEND – POLYMER – TONGUE ENDS
33	2 65 83	3	3	HYLUG – #2 CU & AL
MATERIAL LIST CONTINUED ON SHEET 3				

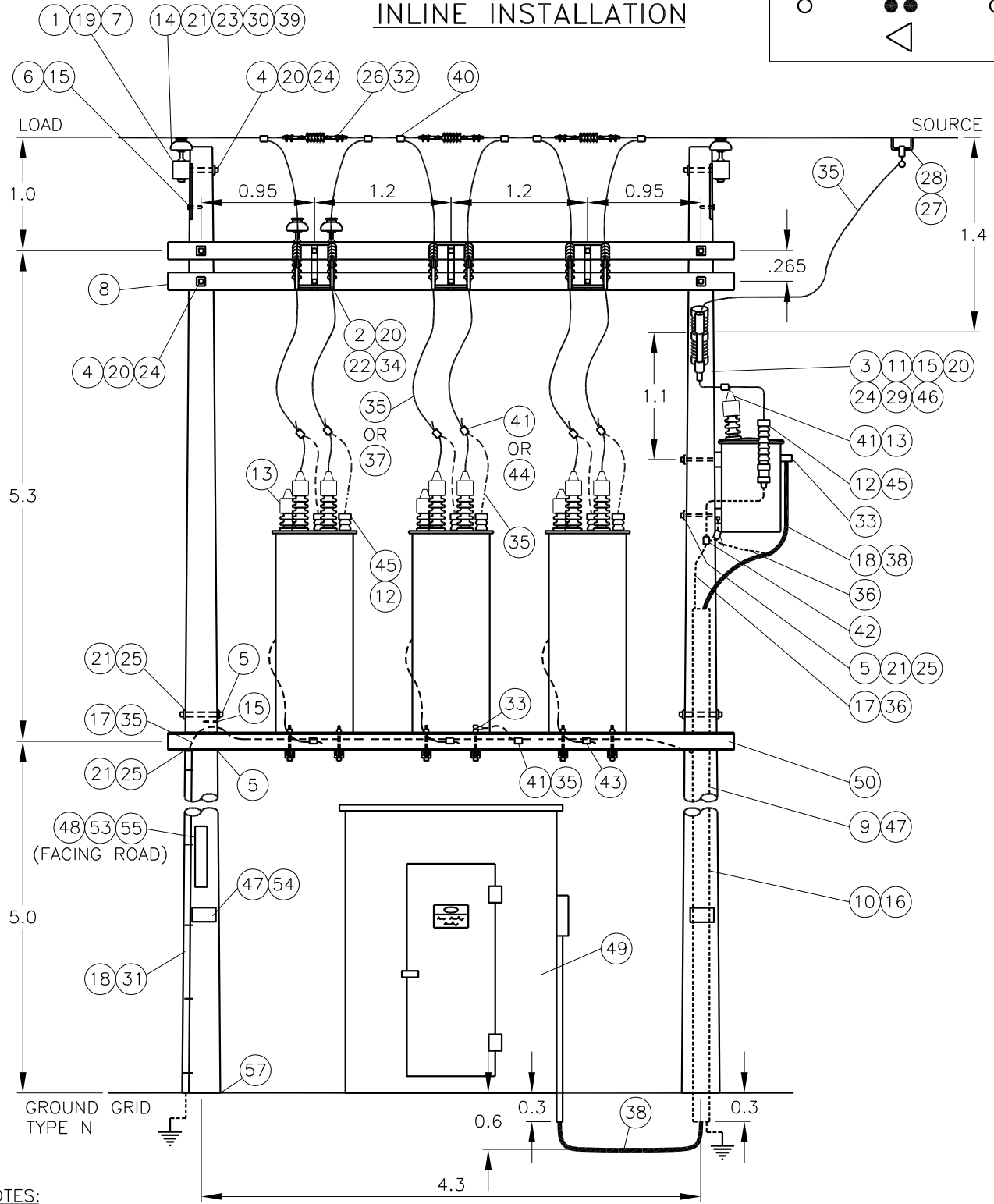
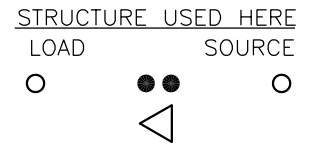
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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	25 kV - 3 x 1Ø REGULATOR STRUCTURE	
L MOEN	P PATEL	CHKD. LM		
		2022-01-06		
DATE OF ISSUE: 2022-08-15		DRAWING NO. A-26-15	SHEET 1 OF 7	REV. J

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INLINE INSTALLATION



NOTES:

1. REGULATOR CONTROL CABLE IS NOT SHOWN. CONTROL CABLE TO BE FIELD LOCATED AND SECURED.
2. REFER TO SECTION A-33 FOR GROUNDING DETAIL.
3. ALL POLES TO BE 13.7m (45'), CLASS 3, SET 2.4m (8') DEEP.
4. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE INDICATED.
5. WHEN INSTALLING, CONSIDERATION MUST BE GIVEN TO GRADING THE LINE WITH ADJACENT POLES.

SCALE: N.T.S.

SaskPower – DISTRIBUTION STANDARDS			
APPROVAL L.MOEN	DESIGN CHK. S.WARBANSKI	DRN.D.REDEKOPP CHKD. 2021-09-07	25kV – 3x 1φ REGULATOR STRUCTURE
DATE OF ISSUE	2022-01-10	DRAWING NO. A-26-15	SHEET 2 of 7
			REV. J

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY		DESCRIPTION
		A	B	
34	2 71 78	3	3	SWITCH – BYPASS – 27 kV – 600 AMP
35	2 83 02	59 m	37 m	WIRE – CU – #2 – 7 STR
36	2 83 04	10 m	10 m	WIRE – CU – #4 – 7 STR
37	2 83 20	–	22 m	WIRE – CU – 2/0 – 19 STR
38	2 94 62	15 m	15 m	CABLE – USEI90 – 3 X #2 AL
39	2 97 XX	6	6	TIE – INSULATOR (SEE NOTES 3 & 4)
40	5 09 XX	6	6	CONNECTOR – AL – CRIMPIT (SEE NOTE 1)
41	5 12 01	11	8	CONNECTOR – CU – 2C2
42	5 12 06	5	5	CONNECTOR – CU – 4C4
43	5 12 08	1	1	CONNECTOR – CU – 2C4
44	5 12 25	–	6	CONNECTOR – CU – 2/0 TO #2
45	6 02 21	7	7	ARRESTER – 21 kV (RURAL)
46	7 38 XX	1	1	FUSE LINK – BUTTON HEAD – TYPE “T”
47	7 69 62	0.17	0.17	SCREWS – WOOD – #10 X 1-1/2" (100/BOX)
48	7 69 64	0.08	0.08	SCREWS – WOOD – #14 X 2" – HEX HEAD (100/BOX)
49	8 10 66	1	1	BUILDING – REGULATOR CONTROL – 6' X 6'
50	8 30 50	1	1	PLATFORM – REGULATOR – 5 m
51	05 385 151	–	–	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 7)
52	05 385 20X	–	–	TAG – NUMBER – YELLOW (SEE NOTE 7)
52	05 385 209	–	–	TAG – DASH – YELLOW (SEE NOTE 7)
52	05 385 25X	–	–	TAG – LETTER – YELLOW (SEE NOTE 7)
53	05 638 32X	6	6	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 6)
53	05 638 329	2	2	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 6)
53	05 638 4XX	10	10	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 6)
54	05 640 000	2	2	SIGN – DANGER – HIGH VOLTAGE
55	05 640 006	2	2	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 6)
56	–	–	–	CELL MODEM / ANTENNA (SEE NOTE 8)
57	3 91 07	2	2	BEARING PAD – CONCRETE – 700mm DIAM.
MATERIAL LIST CONTINUED ON SHEET 7				

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	25 kV – 3 x 1 Ø REGULATOR STRUCTURE	
L MOEN	P PATEL	CHKD. LM		
		2022-01-06		
DATE OF ISSUE: 2022-08-15		DRAWING NO. A-26-15	SHEET 3 OF 7	REV. K

STRUCTURE USED HERE

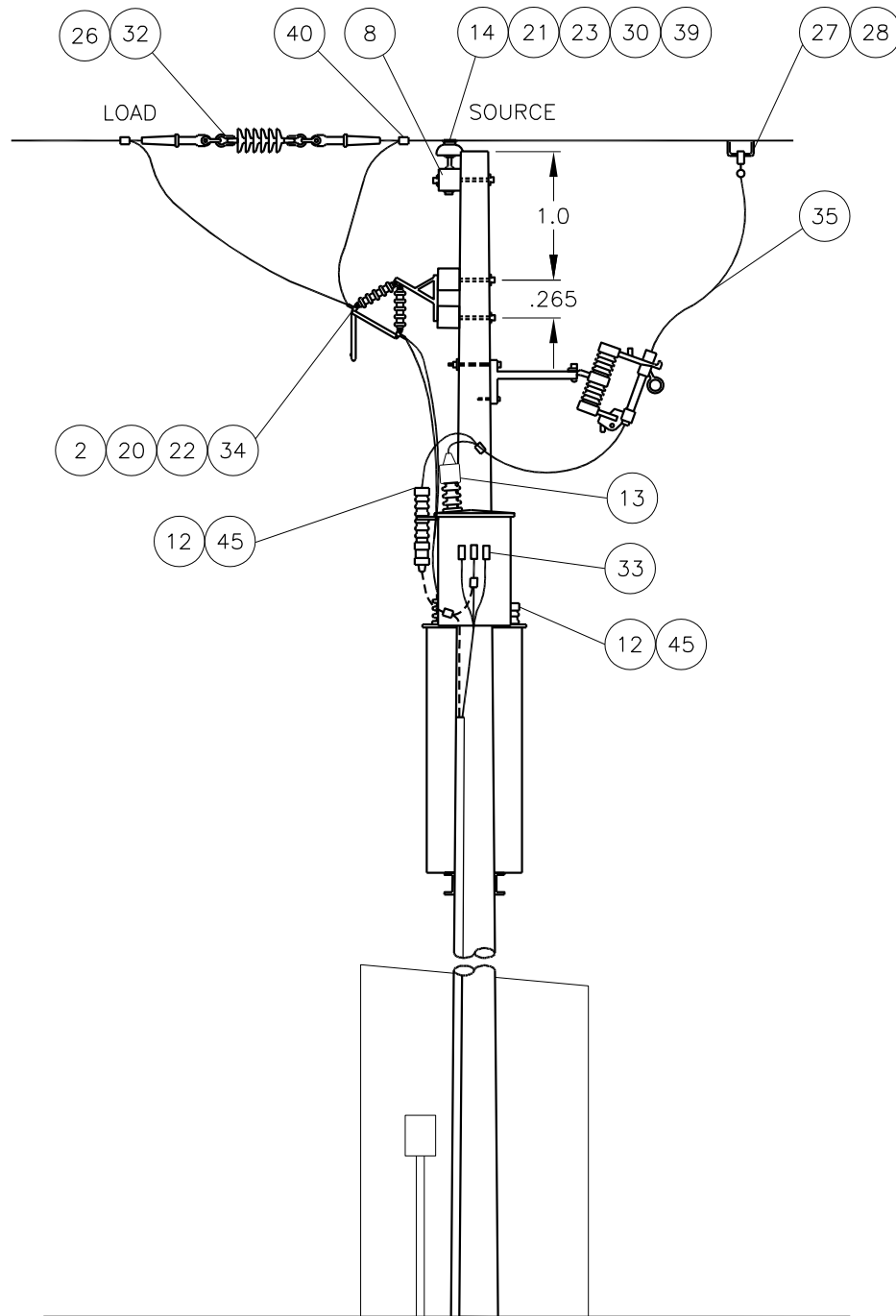
LOAD



SOURCE



TANGENT INSTALLATION



NOTES:

1. REFER TO SHEET 3 FOR MATERIAL SUBSTITUTIONS TO ACCOMMODATE TANGENT INSTALLATIONS.
2. TANGENT INSTALLATION FOR USE ON POLE LINES NOT BUILT ALONG ROAD ALLOWANCE.
3. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE INDICATED.

SCALE: N.T.S.

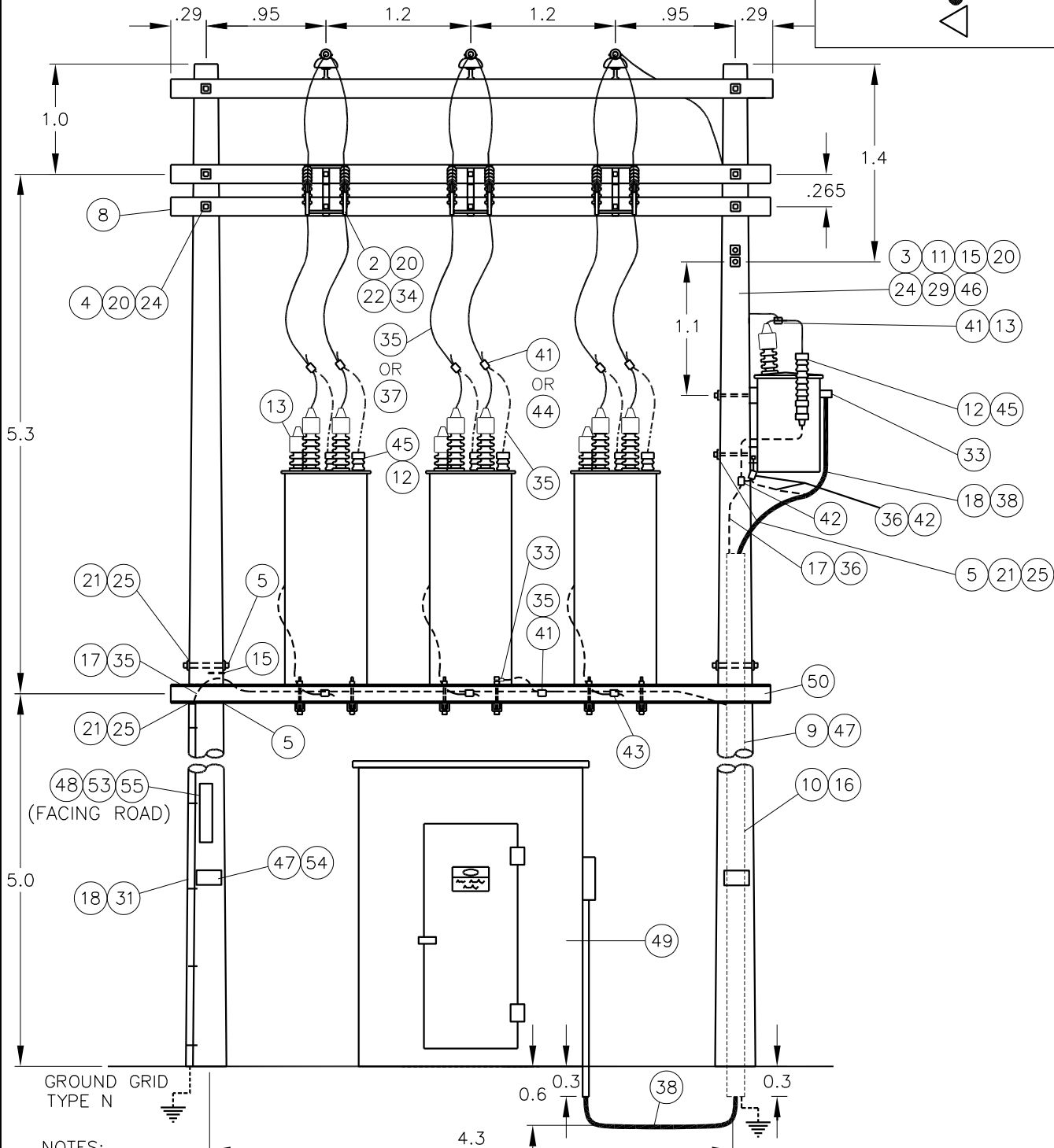
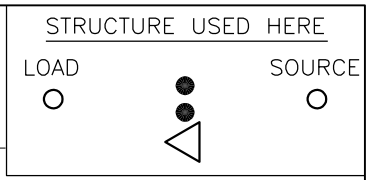
SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B.GEBHART	DRN.D.REDEKOPP CHKD. 2020-10-19
--------------------	--------------------------	---------------------------------------

25kV – 3 x 1∅
REGULATOR STRUCTURE

DATE OF ISSUE	2020-12-18	DRAWING NO. A-26-15	SHEET 4 of 7	REV. C
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TANGENT INSTALLATION



NOTES:

1. REGULATOR CONTROL CABLE IS NOT SHOWN. THE CONTROL CABLE TO BE FIELD LOCATED AND SECURED.
2. REFER TO SECTION A-33 FOR GROUNDING DETAIL.
3. ALL POLES TO BE 13.7m(45') CL 3 SET 2.4m(8') DEEP.
4. REFER TO SHEET 3 FOR MATERIAL SUBSTITUTIONS TO ACCOMMODATE TANGENT INSTALLATIONS.
5. TANGENT INSTALLATION FOR USE ON POLE LINES NOT BUILT ALONG ROAD ALLOWANCE.

SCALE: N.T.S. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE INDICATED

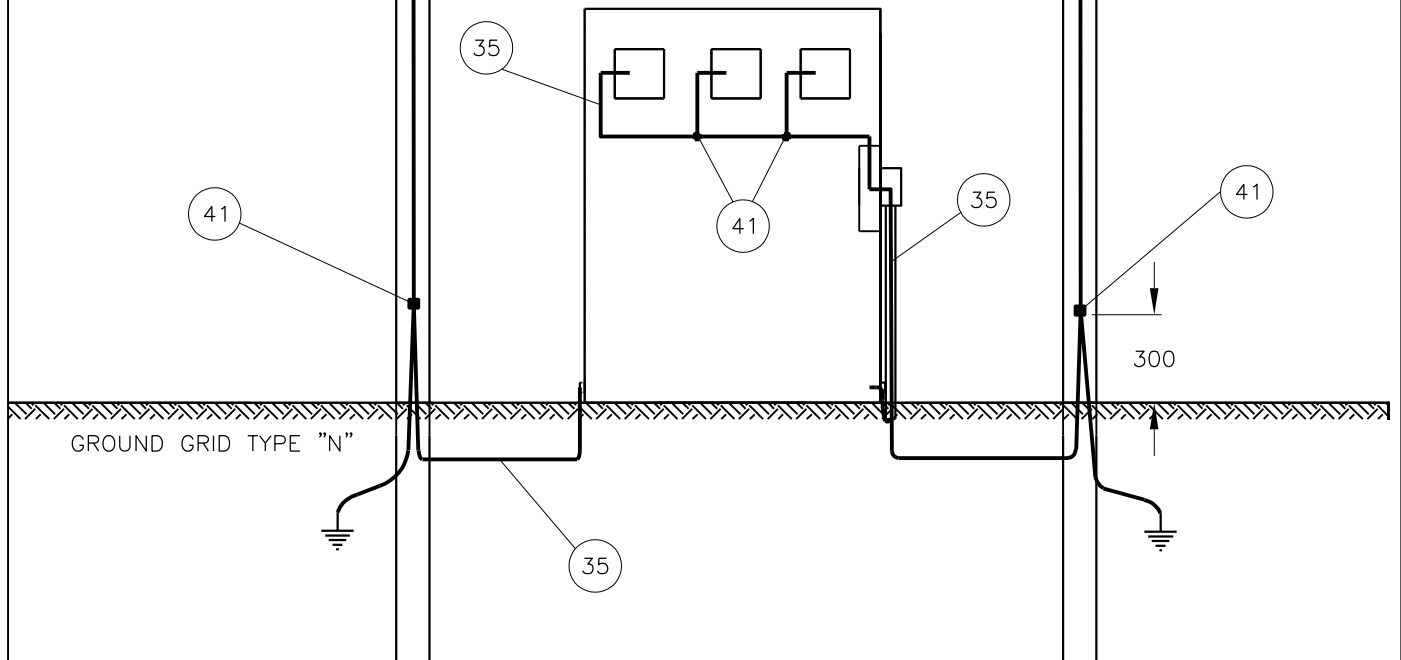
APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. D.DONAIS	DRN.I. JOHNSON CHKD. 2019-08-22	25KV – 3 x 1Ø REGULATOR STRUCTURE
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-15	
		SHEET 5 of 7	REV. C

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BONDING DETAILS



NOTES:

1. EACH CABINET TO BE CONNECTED TO GROUND.
2. BUILDING TO BE GROUNDED AT 2 CORNERS.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

SCALE: N.T.S.

SaskPower – DISTRIBUTION STANDARDS				
APPROVAL	DESIGN CHK.	DRN.D.REDEKOPP	25kV – 100A & 200A – 3 x 1∅ REGULATOR STRUCTURE	
L.MOEN	B.GEBHART	CHKD.		
		2020-10-19		
DATE OF ISSUE	2020-12-18	DRAWING NO.	A-26-15	SHEET 6 of 7
				REV. B

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
			<p>NOTES:</p> <ol style="list-style-type: none"> 1. REFER TO SECTION A-36 FOR APPROPRIATE DEADEND CLAMP AND CONNECTORS. 2. COLUMN 'A' IS FOR REGULATORS RATED FOR 100A OR BELOW. COLUMN 'B' IS FOR REGULATORS RATED FOR 200A. 3. REFER TO SECTION A-34 FOR INSULATOR TIE SELECTION. 4. PAGES 4 & 5 ARE FOR TANGENT CONSTRUCTION & ARE USED AS AN ALTERNATIVE TO PAGE 2. REDUCE QUANTITIES OF CROSSARM PINS, PIN INSULATORS, INSULATOR TIES & RELATED WASHERS BY FIVE. REPLACE 10' CROSSARMS (1 29 10) WITH 16' CROSSARMS (1 29 28). 5. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION. 6. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES. 7. THIS STRUCTURE REQUIRES A MINIMUM OF TWO IDENTIFYING TAGS (ONE FOR THE REGULATORS AND ONE FOR THE TRANSFORMER). 8. CONTACT NETWORK ENGINEERING AND DISTRIBUTION ENGINEERING OPERATIONS & MAINTENANCE FOR CELL MODEM / ANTENNA REQUIREMENTS.

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SaskPower - DISTRIBUTION STANDARDS			
APPROVAL	DESIGN CHK	DRN. PP	25 kV – 3 x 1Ø REGULATOR STRUCTURE
L MOEN	P PATEL	CHKD. LM	
		2021-05-04	
DATE OF ISSUE:	2021-08-16	DRAWING NO.	A-26-15 SHEET 7 OF 7 REV. A

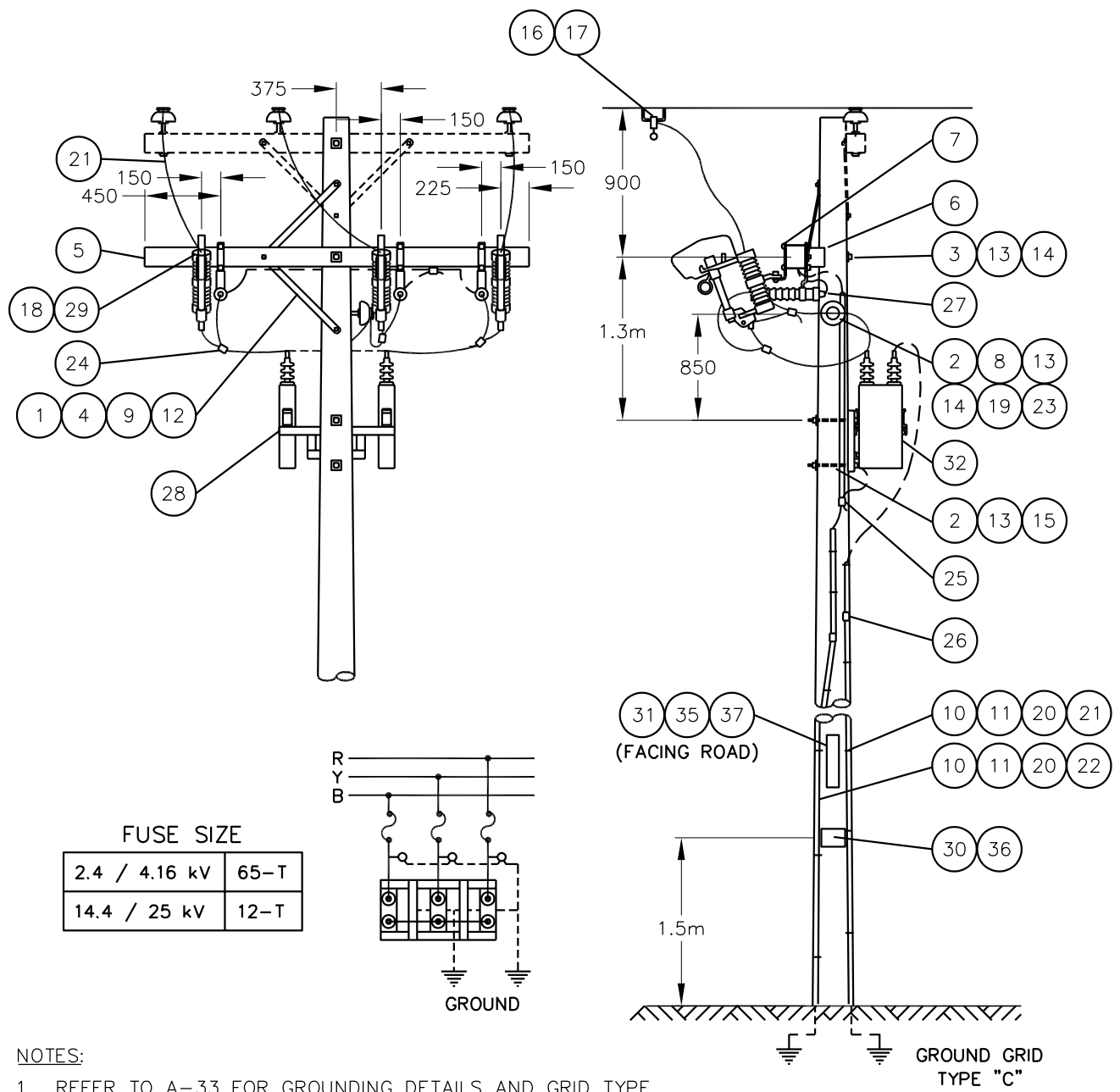
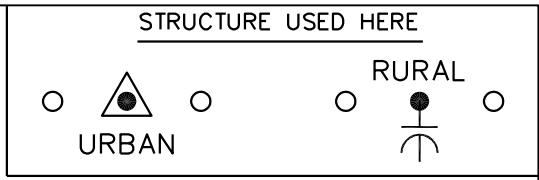
BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY		DESCRIPTION
		A	B	
1	1 08 38	1	1	BOLT – CARRIAGE – 3/8" X 4-1/2"
2	1 13 10	3	3	BOLT – MACHINE – 5/8" X 10"
3	1 13 18	1	1	BOLT – MACHINE – 5/8" X 18"
4	1 19 32	2	2	BRACE – CROSSARM – 1-1/4" X 32"
5	1 29 10	1	1	CROSSARM – WOOD – 4" X 5" X 10'
6	1 32 86	1	1	POLE GAIN – WOOD
7	1 35 32	6	6	BRACKET – XARM W/ ARRESTER, CUTOUT OR TERM
8	1 53 13	1	1	PIN – FEMALE
9	1 78 12	2	2	SCREW – LAG – 1/2" X 4-1/2"
10	1 85 01	1 lb	1 lb	STAPLE – FENCE
11	1 85 02	30	30	STAPLE – MOULDING
12	1 93 25	1	1	WASHER – LOCK – DOUBLE COIL – 3/8"
13	1 93 27	4	4	WASHER – LOCK – DOUBLE COIL – 5/8"
14	1 93 42	3	3	WASHER – SQUARE – 2-1/4" X 13/16" HOLE
15	1 93 96	2	2	WASHER – CURVED – 3" X 13/16" HOLE
16	2 02 70	1	1	CLAMP – HOTLINE
17	2 02 8X	3	3	CLAMP – HOTLINE WITH BAIL – SEE NOTE 1
18	2 12 62	3	3	CUTOUT – LOADBREAK – 27 kV – 100 AMP
19	2 20 23	1	1	INSULATOR – PIN – 15 kV
20	2 27 00	5	5	MOULDING – GROUND WIRE
21	2 83 02	20 m	20 m	WIRE – CU – #2 – 7 STR
22	2 83 04	13 m	13 m	WIRE – CU – #4 – 7 STR
23	2 97 50	1	1	UNI-TIE
24	5 12 01	3	3	CONNECTOR – CU – 2C2
25	5 12 06	5	5	CONNECTOR – CU – 4C4
26	5 12 08	1	1	CONNECTOR – CU – 2C4
27	6 02 03	–	3	ARRESTER – 3 kV
27	8 02 18	3	–	ARRESTER – 18 kV (URBAN)
27	6 02 21	3	–	ARRESTER – 21 kV (RURAL)
28	6 10 93	1	1	RACK – CAPACITOR SUPPORT
29	7 38 12	3	–	FUSE LINK – BUTTON HEAD – TYPE "T" – 12A (14.4 kV)
29	7 38 65	–	3	FUSE LINK – BUTTON HEAD – TYPE "T" – 65A (2.4 kV)
MATERIAL LIST CONTINUED ON SHEET 3				

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	CAPACITORS - 450 kVAR 14.4 kV OR 2.4 kV
L MOEN	P PATEL	CHKD. LM	
		2022-01-06	
DATE OF ISSUE	2022-08-15	DRAWING NO: A-26-16	SHEET 1 OF 3
			REV. E



FUSE SIZE

2.4 / 4.16 kV	65-T
14.4 / 25 kV	12-T

NOTES:

1. REFER TO A-33 FOR GROUNDING DETAILS AND GRID TYPE.
2. RUN GROUND WIRES ON OPPOSITE SIDE OF POLE TO CUTOUTS.
3. NEUTRAL GROUND AND ARRESTER GROUND TO BE SEPARATED BY MINIMUM 150mm AND TO BE ON OPPOSITE SIDE OF POLE TO EACH OTHER AT GROUND LEVEL.
4. BOND CAPACITOR RACK TO ARRESTER GROUND LEAD.
5. AFTER DISCONNECTING CAPACITORS, ALWAYS WAIT 5 MINUTES BEFORE GROUNDING OR PUTTING BACK INTO SERVICE.
6. IF INSTALLED IN URBAN AREA WITH SECONDARY OR NEUTRAL PRESENT, BOND NEUTRAL TO ARRESTER GROUND.
7. MINIMUM 10.7m(35') POLE RURAL, OR 13.7m(45') POLE URBAN.
8. REFER TO SECTION A-08-00 FOR CLASS OF POLE.
9. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L. MOEN	DESIGN CHK. B. GEBHART	DRN.D.REDEKOPP CHKD. 2020-08-19	CAPACITORS 450 kVAR 14.4kV OR 2.4kV
DATE OF ISSUE 2020-12-18	DRAWING NO. A-26-16	SHEET 2 of 3	REV. D

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY		DESCRIPTION
		A	B	
30	7 69 62	0.04	0.04	SCREWS – WOOD – #10 X 1-1/2" – ROBERTSON (100/BOX)
31	7 69 64	0.02	0.02	SCREWS – WOOD – #14 X 2" – HEX HEAD (100/BOX)
32	6 10 12	3	–	CAPACITOR – 14.4 kV – 150 kVAR
32	6 08 12	–	3	CAPACITOR – 2.4 kV – 150 kVAR
33	05 385 151	-	-	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 4)
34	05 385 20X	-	-	TAG – NUMBER – YELLOW (SEE NOTE 4)
34	05 385 209	-	-	TAG – DASH – YELLOW (SEE NOTE 4)
34	05 385 25X	-	-	TAG – LETTER – YELLOW (SEE NOTE 4)
35	05 638 32X	5	5	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 3)
35	05 638 329	1	1	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 3)
35	05 638 4XX	3	3	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 3)
36	05 640 000	2	2	SIGN – DANGER – HIGH VOLTAGE
37	05 640 006	1	1	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 3)

NOTES:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. COLUMN A REFERS TO A 25 kV SYSTEM, COLUMN B REFERS TO A 4.16 kV SYSTEM.
3. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
4. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	CAPACITORS - 450 kVAR 14.4 kV OR 2.4 kV	
L MOEN	P PATEL	CHKD. LM		
		2022-01-06		
DATE OF ISSUE	2022-08-15	DRAWING NO: A-26-16	SHEET 3 OF 3	REV. E

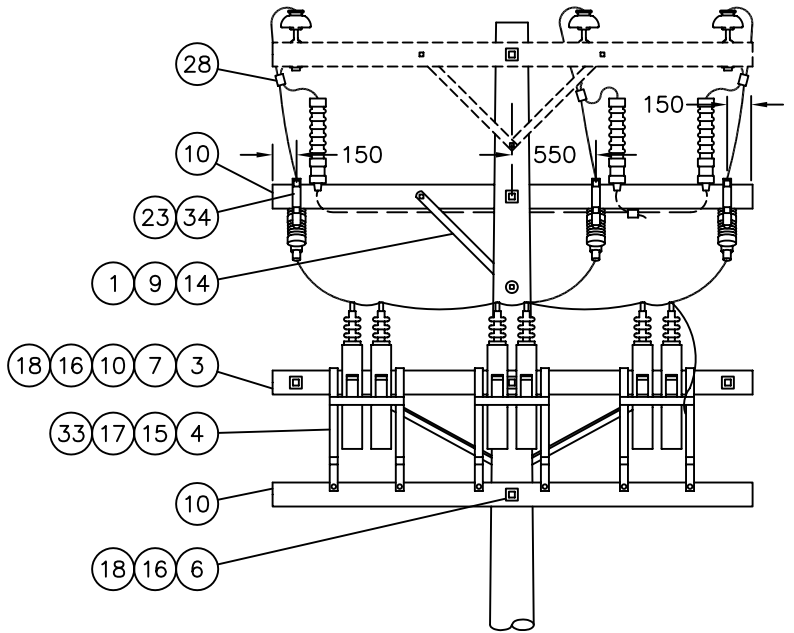
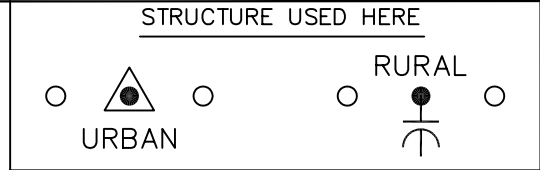
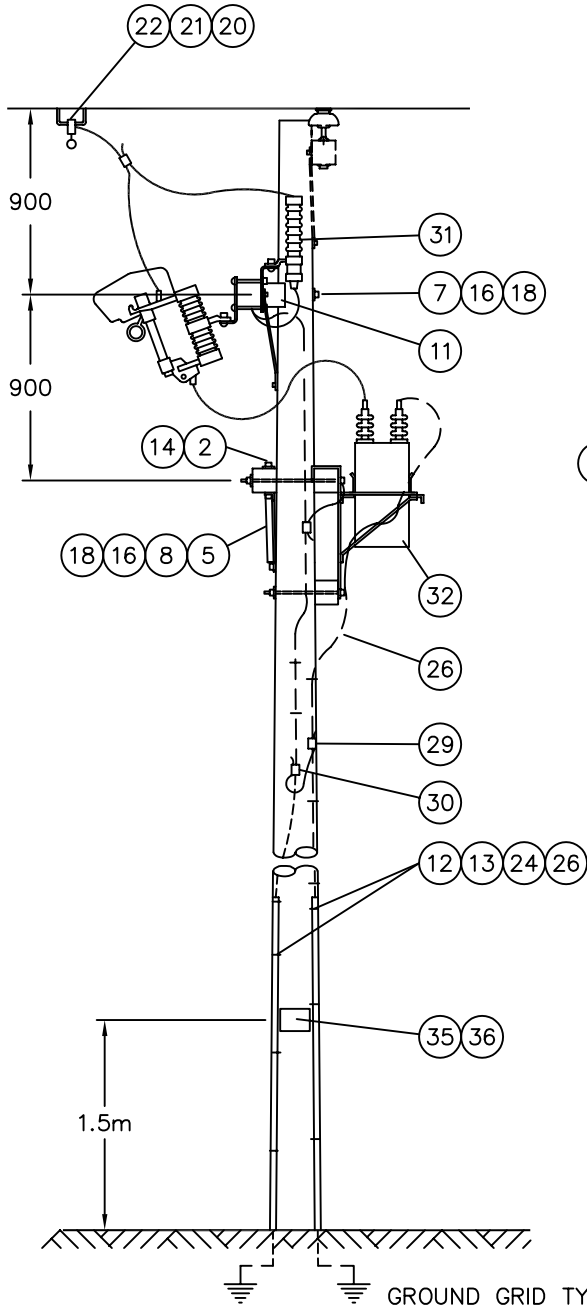
BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 08 38	1	BOLT – CARRIAGE – 3/8” X 4-1/2”
2	1 08 42	2	BOLT – CARRIAGE – 3/8” X 7”
3	1 09 20	2	BOLT – DOUBLE ARMING – 5/8” X 20”
4	1 12 06	12	BOLT – MACHINE – 1/2” X 6”
5	1 13 12	1	BOLT – MACHINE – 5/8” X 12”
6	1 13 14	1	BOLT – MACHINE – 5/8” X 14”
7	1 13 20	2	BOLT – MACHINE – 5/8” X 20”
8	1 18 72	1	BRACE – CROSSARM – BOW – 72”
9	1 19 32	1	BRACE – CROSSARM – FLAT – 32”
10	1 29 10	4	CROSSARM – 4” X 5” X 10’
11	1 32 86	1	POLE GAIN – WOOD
12	1 85 01	1 LB	STAPLE – FENCE
13	1 85 02	34	STAPLE – MOULDING
14	1 93 25	3	WASHER – LOCK – DOUBLE COIL – 3/8”
15	1 93 26	12	WASHER – LOCK – DOUBLE COIL – 1/2”
16	1 93 27	7	WASHER – LOCK – DOUBLE COIL – 5/8”
17	1 93 30	12	WASHER – ROUND – 9/16” HOLE
18	1 93 42	14	WASHER – SQUARE – 2-1/4” X 13/16” HOLE
19	2 02 48	4	CLAMP – GROUND ROD
20	2 02 70	3	CLAMP – HOTLINE
21	2 05 2X	3	CONNECTOR – AMPACT WITH BAIL (SEE NOTE 1)
22	2 06 9X	3	SHELL – AMPACT (SEE NOTE 1)
23	2 12 62	3	CUTOUT – LOADBREAK – 27 KV – 100 AMP
24	2 27 00	50 FT	MOULDING – GROUND WIRE
25	2 60 10	3	GROUND ROD – 3/4” x 10’
26	2 83 02	21 m	WIRE – CU – #2 – 7 STR

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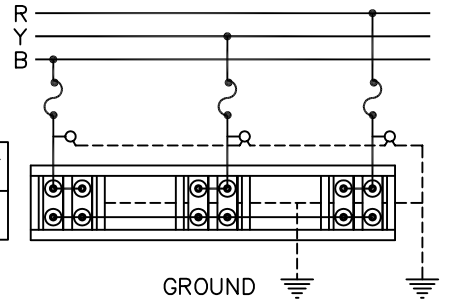
SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	CAPACITORS – 900 KVAR URBAN OR RURAL
L MOEN	P PATEL	CHKD. LM	
		2022-01-06	
DATE OF ISSUE: 2022-08-15		DRAWING NO: A-26-17	SHEET 1 OF 3 REV. A



FUSE SIZE

2.4 / 4.16 kV	100-T
14.4 / 25 kV	20-T



FOR MAINTENANCE ONLY
 -DO NOT BUILD-
 FORMERLY A8-22 DRAWING

NOTE:

- REFER TO A-33 FOR GROUNDING DETAILS AND GRID TYPE.
- RUN GROUND WIRES ON OPPOSITE SIDE OF POLE TO CUTOUTS.
- NEUTRAL GROUND AND ARRESTER GROUND TO BE SEPARATED BY MINIMUM 150mm AND TO BE ON OPPOSITE SIDE OF POLE TO EACH OTHER AT GROUND LEVEL.
- BOND ARRESTER ARM THROUGH BOLT AND CAPACITOR RACK TO ARRESTER GROUND LEAD.
- AFTER DISCONNECTING CAPACITORS, ALWAYS WAIT 5 MINUTES BEFORE GROUNDING OR PUTTING BACK INTO SERVICE.
- IF INSTALLED IN URBAN AREA WITH SECONDARY OR NEUTRAL PRESENT, BOND NEUTRAL TO ARRESTER GROUND.
- MINIMUM 10.7m POLE RURAL, OR 13.7m POLE URBAN.
- REFER TO SECTION A-08-00 FOR CLASS OF POLE.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

SaskPower - DISTRIBUTION STANDARDS

DRN. DK	DESIGN CHK.	SAFETY APP.	APPROVAL	CAPACITORS 900 kVAR URBAN OR RURAL
CHKD. FTK	DATE	DATE	DATE	
DATE 87-05-07	DATE	DATE	DATE	
DATE OF ISSUE 87-12-01	DRAWING NO. A-26-17		SHEET 2 of 3	REV. A

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
27	2-83-04	22 m	WIRE – CU – #4 – 7 STR
28	5-12-01	4	CONNECTOR – CRIMPIT – #2 TO #2
29	5-12-06	8	CONNECTOR – CRIMPIT – #4 TO #4
30	5-12-08	1	CONNECTOR – CRIMPIT – #2 TO #4
31	6-02-03	1	ARRESTER – 3 kV (URBAN)
31	6-02-21	3	ARRESTER – 21 kV (RURAL)
31	8-02-18	3	ARRESTER – 18 kV (URBAN)
32	6-08-12	6	CAPACITOR – 2.4 kV
32	6-10-12	6	CAPACITOR – 14.4 kV
33	6-10-92	3	RACK – CAPACITOR – 2-UNIT CROSSARM MOUNTING
34	7-38-20	3	FUSE LINK – BUTTON HEAD – TYPE “T” – 20A (14.4/25 kV)
34	7-38-90	3	FUSE LINK – BUTTON HEAD – TYPE “T” – 100A (2.4/4.16 kV)
35	7-63-30	0.2 lb	NAILS – SPIRAL – 4"
36	05-640-000	1	SIGN – DANGER – HIGH VOLTAGE

NOTE:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.

SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	CAPACITORS – 900 KVAR URBAN OR RURAL
L MOEN	P PATEL	CHKD. LM	
		2022-01-07	
DATE OF ISSUE: 2022-08-15		DRAWING NO: A-26-17	SHEET 3 OF 3 REV. B

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BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	4-43-16	7.6 m	CABLE – CAB TIRE - #6 TYPE SO
2	5-08-02	2	CONNECTOR – CABLE NON-WATER TIGHT – ½”
3	5-08-22	4	CONNECTOR – WATER TIGHT – ½”
4	5-08-55	3	CONNECTOR – TWIST LOCK
5	5-50-16	6	STRAP – CABLE
6	9-02-20	1	BOX – CONTROL WITH 15 AMP BREAKER
7	70-40-11	6	CAPS – SPLICE (BUCHANAN)
8	70-40-17	6	INSULATOR – SPLICE CAP (NYLON)
9	7-69-58	12	SCREW – WOOD #8 – 1”
10	7-58-11	1	LAMP – RED (11 WATT)
11	7-58-12	1	LAMP – GREEN (11 WATT)
12	7-88-01	2	SOCKET – PORCELAIN
13	PURCHASE LOCALLY	2	TYPE “T” CONDUIT FITTING

NOTE:

1. REFER TO A-26-10 FOR STRUCTURE DETAILS.

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SaskPower - DISTRIBUTION STANDARDS

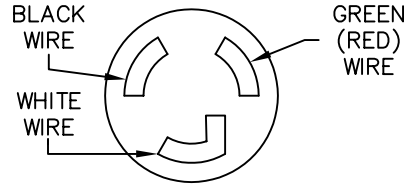
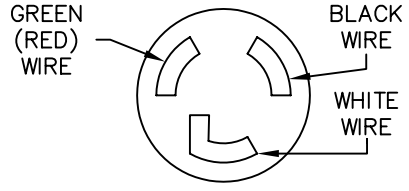
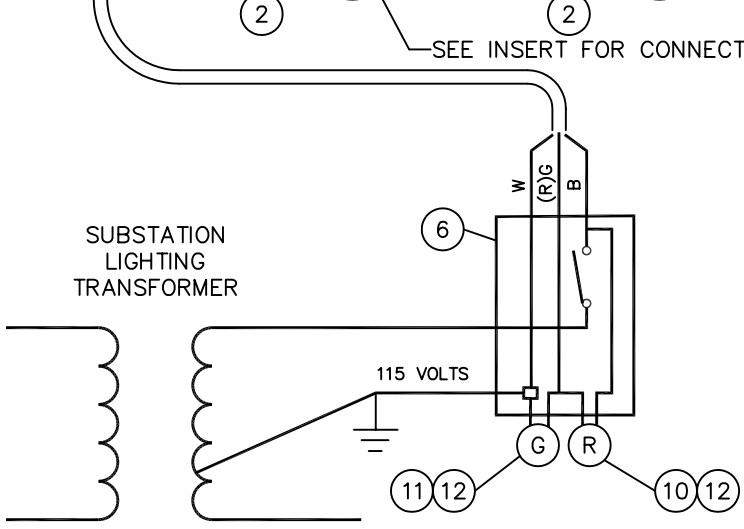
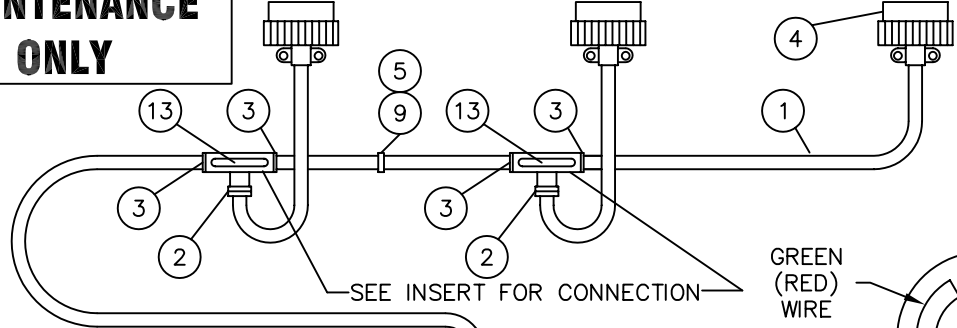
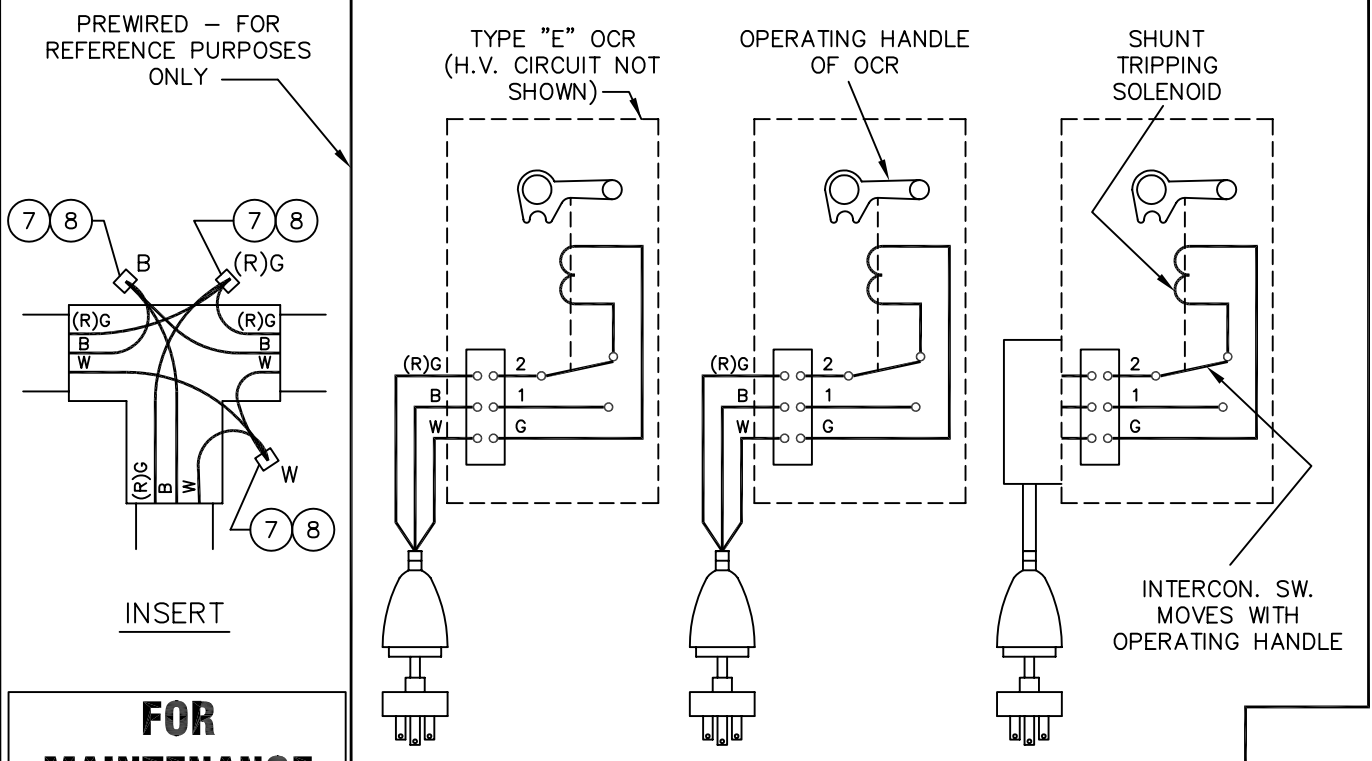
DRN.	DESIGN CHK.	APPROVAL	3Ø SHUNT INTERCONNECTION OF “E” RECLOSERS
CHKD.		DATE	
DATE	DATE	DATE	

DATE OF ISSUE **87-12-01**

DRAWING NO: **A-26-18**

SHEET 1 of 2

REV. **0**



NOTE: 1. GREEN LIGHT IS ON WHEN O.C.R. IS IN OPEN POSITION. RED LIGHT IS ON WHEN O.C.R. IS IN CLOSED POSITION.
 2. ISOLATION THERMAL BREAKER MUST BE OPEN TO RECLOSE RECLOSER AND MUST BE CLOSED AFTER RECLOSE RECLOSER FOR 3 Ø OPERATION.
 3. REFER TO A-26-10 FOR STRUCTURE DETAILS.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

SaskPower - DISTRIBUTION STANDARDS

DRN. <i>PK</i>	DESIGN CHK.	APPROVAL	3Ø SHUNT INTERCONNECTION OF "E" RECLOSERS
CHKD.	DATE	DATE	
DATE OF ISSUE	DRAWING NO. A-26-18	SHEET 2 of 2	

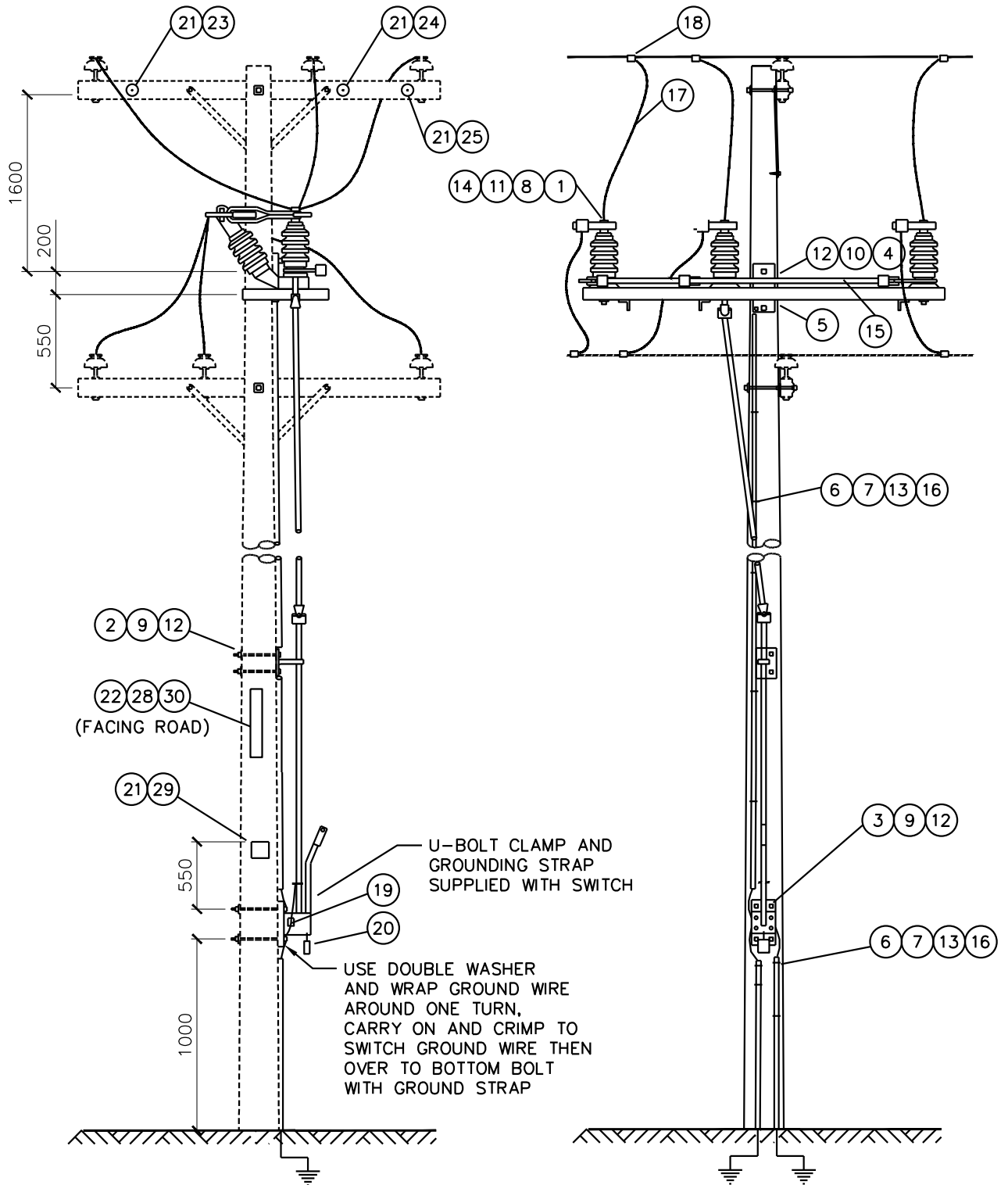
BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 12 02	12	BOLT – MACHINE – 1/2" x 2"
2	1 13 14	2	BOLT – MACHINE – 5/8" x 14"
3	1 13 16	2	BOLT – MACHINE – 5/8" x 16"
4	1 14 12	2	BOLT – MACHINE – 3/4" x 12"
5	1 78 12	1	SCREW – LAG – 1/2" x 4 1/2"
6	1 85 01	0.5 lb	STAPLE – FENCE
7	1 85 02	24	STAPLE – MOULDING
8	1 93 26	12	WASHER LOCK – DOUBLE COIL SPRING – 1/2"
9	1 93 27	4	WASHER LOCK – DOUBLE COIL SPRING – 5/8"
10	1 93 28	2	WASHER LOCK – DOUBLE COIL SPRING – 3/4"
11	1 93 30	24	WASHER – ROUND – 1 3/8" O.D. x 9/16" HOLE
12	1 93 42	7	WASHER – SQUARE – 2 1/4" x 2 1/4" x 13/16" HOLE
13	2 27 00	4	MOULDING – GROUND WIRE – 10' LENGTH
14	2 65 XX	6	HYLUG – SEE NOTE 1
15	2 69 45	1	SWITCH – GOPT 25KV – 600 AMP LOAD BREAK
16	2 83 02	11 m	WIRE – CU #2/7 STR
17	2 98 01	16 m	WIRE – CU – 4/0 – 19 STR
18	5 09 XX	6	CONNECTOR AL – CRIMPIT – SEE NOTE 1
19	5 12 01	1	CONNECTOR CU – 2C2
20	7 66 00	1	PADLOCK – #4 KEY
21	7 69 62	0.07	WOOD SCREW - #10 – 1 1/2" ROBERTSON ROUND (100/BOX)
22	7 69 64	0.02	WOOD SCREW – #14 – 2" HEX HEAD (100/BOX)
23	5 116 362	1	PHASE MARKER DISC – BLUE
24	5 116 366	1	PHASE MARKER DISC – RED
25	5 116 368	1	PHASE MARKER DISC – YELLOW

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. JDA	GOPT PARALLELING FEEDERS
L. MOEN	J. ARSENAULT	CHKD.	
		2019-04-08	
DATE OF ISSUE: 2020/02/12		DRAWING NO: A-26-19	SHEET 1 OF 3 REV. D



NOTES:

1. USE A-12-65 OR A-12-66 FOR BILL OF MATERIAL FOR DOUBLE CIRCUIT TANGENT STRUCTURE.
 2. GOPT SWITCH MAY BE IN-LINE WITH CROSSARMS, IF PHASE CONNECTIONS AND CLEARANCES ARE ADEQUATE.
 3. MINIMUM 12.2m (40') POLE RURAL. STRUCTURE CAN BE BUILT ON EXISTING 10.7m (35') POLE IF USING ABSOLUTE MINIMUM CLEARANCE VALUES. MINIMUM 13.7m (45') POLE URBAN.
- SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN.I. JOHNSON CHKD.	GOPT PARALLELING FEEDERS	
		2019-08-22		
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-19	SHEET 2 of 3	REV. C

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
26	05 385 151	-	ALUM TAG HOLDER – FOR 10 – 1" TAGS, U.V. – SEE NOTE 3
27	05 385 20X	-	TAG NUMBER I.D. YELLOW POLYETHYLENE – SEE NOTE 3
27	05 385 209	-	TAG DASH I.D. YELLOW POLYETHYLENE – SEE NOTE 3
27	05 385 25X	-	TAG LETTER I.D. YELLOW POLYETHYLENE – SEE NOTE 3
28	05 638 32X	3	NUMBER – DECAL BLACK 1 1/2" – SEE NOTE 2
28	05 638 329	1	SYMBOL – DECAL "DASH" BLACK 1 1/2" – SEE NOTE 2
28	05 638 4XX	5	LETTER – DECAL BLACK 1 1/2" – SEE NOTE 2
29	05 640 000	2	SIGN "DANGER H.V."
30	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3"X18" – SEE NOTE 2

NOTES:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL.
2. REFER TO A-30-05 FOR APPLICABLE CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
3. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.

BACK TO INDEX PAGE

SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. JDA	GOPT PARALLELING FEEDERS
L. MOEN	B. GEBHART	CHKD.	
		2019-04-08	
DATE OF ISSUE: 2020/02/12	DRAWING NO: A-26-19	SHEET 3 OF 3	REV. 0

BILL OF MATERIAL

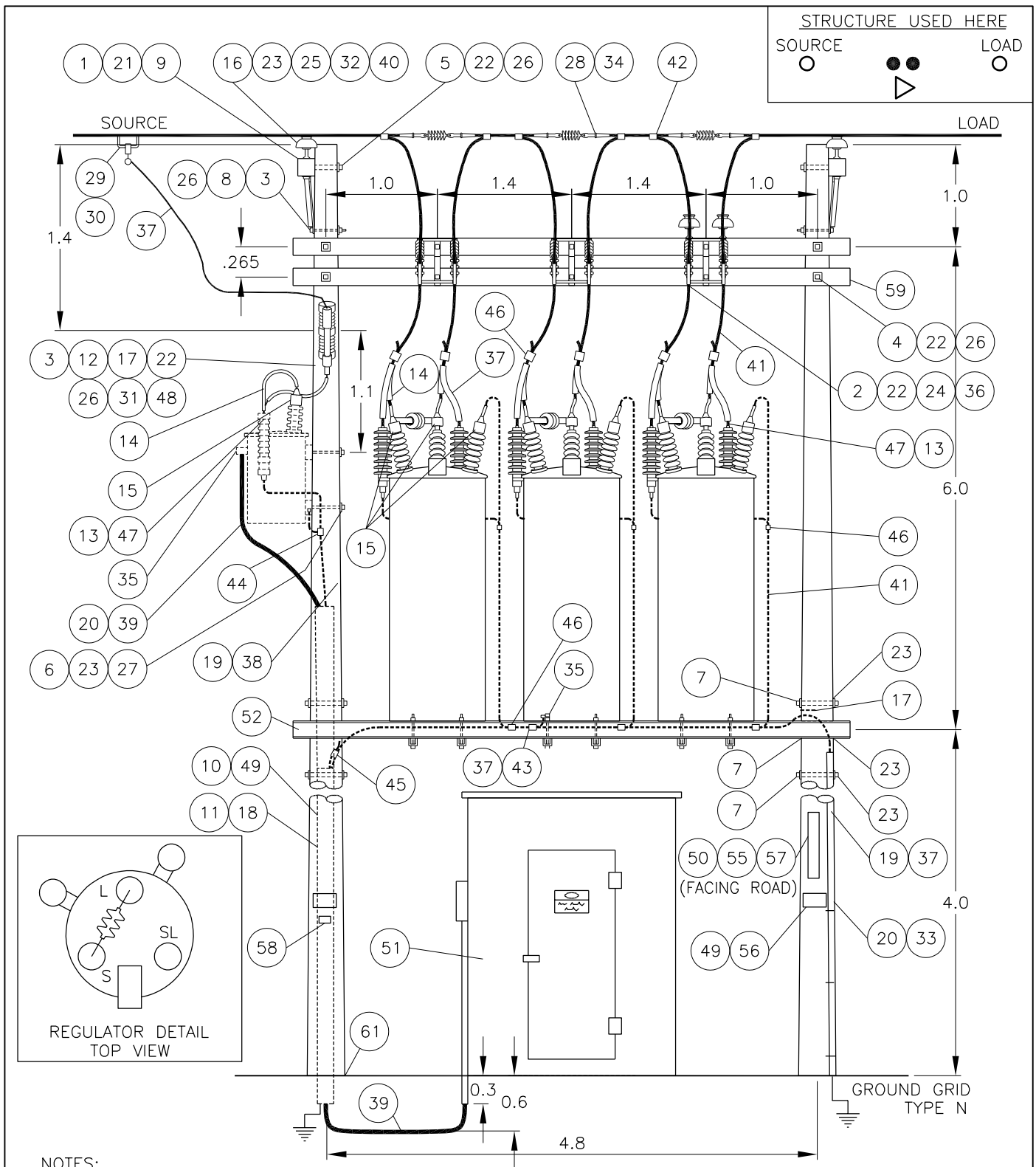
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 12 06	4	BOLT – CARRIAGE – 1/2" X 6"
2	1 13 06	6	BOLT – MACHINE – 5/8" X 6"
3	1 13 12	3	BOLT – MACHINE – 5/8" X 12"
4	1 13 14	6	BOLT – MACHINE – 5/8" X 14"
5	1 13 16	2	BOLT – MACHINE – 5/8" X 16"
6	1 14 12	2	BOLT – MACHINE – 3/4" X 12"
7	1 14 14	6	BOLT – MACHINE – 3/4" X 14"
8	1 18 72	2	BRACE – CROSSARM – 72"
9	1 29 10	2	CROSSARM – 4" X 5" X 10'
10	1 34 09	2	GUARD – CABLE – PLASTIC – 2-1/2"
11	1 34 11	1	GUARD – CABLE – STEEL – 2-1/2"
12	1 35 31	1	BRACKET – T
13	1 35 32	7	BRACKET – FOR CUTOUT, ARRESTOR, TERMINATOR
14	1 35 38	40 ft	CONDUCTOR COVER – #4 AWG TO 4/0
15	1 35 41	10	WILDLIFE GUARD – BUSHING COVER
16	1 53 09	6	PIN
17	1 78 12	3	SCREW – LAG – 1/2" X 4-1/2"
18	1 78 38	6	SCREW – LAG – 3/8" X 4"
19	1 85 01	1.0 lb	STAPLE – FENCE
20	1 85 02	20	STAPLE – MOULDING
21	1 93 26	4	WASHER – DOUBLE COIL – 3/8"
22	1 93 27	13	WASHER – DOUBLE COIL – 5/8"
23	1 93 28	14	WASHER – DOUBLE COIL – 3/4"
24	1 93 33	6	WASHER – ROUND – 1-3/4" X 11/16" HOLE
25	1 93 34	6	WASHER – ROUND – 2" X 13/16" HOLE
26	1 93 42	15	WASHER – SQUARE – 2-1/4" X 13/16" HOLE
27	1 93 96	2	WASHER – CURVED – 3" X 13/16" HOLE
28	2 01 XX	6	DEADEND – AUTOMATIC (SEE NOTE 1)
29	2 02 70	1	CLAMP – LIVELINE
30	2 02 8X	1	CLAMP – BAIL
31	2 12 67	1	CUTOUT – 15 kV – 100 AMP
32	2 20 23	6	INSULATOR – PIN TYPE
33	2 27 00	2	MOULDING – GROUND WIRE – 10' LENGTH
34	2 29 25	3	INSULATOR – DEADEND – POLYMER – TONGUE ENDS
			MATERIAL LIST CONTINUED ON SHEET 3

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	25 kV - 400A - 3 x 1Ø REGULATOR STRUCTURE
L MOEN	P PATEL	CHKD. LM	
		2022-01-07	
DATE OF ISSUE: 2022-08-15		DRAWING NO: A-26-20	SHEET 1 OF 4 REV. F

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NOTES:

1. REGULATOR CONTROL CABLE IS NOT SHOWN. CONTROL CABLE TO BE FIELD LOCATED AND SECURED.
2. REFER TO SECTION A-33 FOR GROUNDING DETAIL.
3. REFER TO SECTION A-26-15 SHEET 6 FOR BONDING DETAIL.
4. ALL POLES TO BE 13.7m (45'), CLASS 3, SET 2.7m (9') DEEP.
5. REFER TO A-26-15 FOR BONDING DETAIL AND ALTERNATIVE TANGENT INSTALLATION.
6. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE INDICATED.
7. WHEN INSTALLING, CONSIDERATION MUST BE GIVEN TO GRADING THE LINE WITH ADJACENT POLES.

SCALE: N.T.S.

SaskPower – DISTRIBUTION STANDARDS			
APPROVAL L.MOEN	DESIGN CHK. S.WARBANSKI	DRN.D.REDEKOPP CHKD. 2021-09-07	25KV – 400A – 3 x 1Ø REGULATOR STRUCTURE
DATE OF ISSUE	2022-01-10	DRAWING NO. A-26-20	SHEET 2 of 4
			REV. E

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
35	2 65 83	3	HYLUG – #2
36	2 71 78	3	SWITCH – BYPASS – 27 kV – 600 AMP
37	2 83 02	37 m	WIRE – CU – #2 – 7 STR
38	2 83 04	10 m	WIRE – CU – #4 – 7 STR
39	2 94 62	15 m	CABLE – USEI90 – 3 X #2 AL
40	2 97 XX	6	TIE – INSULATOR (SEE NOTE 3)
41	2 98 01	22 m	WIRE – CU – 4/0
42	5 09 XX	6	CONNECTOR – COMPRESSION (SEE NOTE 2)
43	5 12 01	4	CONNECTOR – COMPRESSION – 2C2
44	5 12 06	9	CONNECTOR – COMPRESSION – 4C4
45	5 12 08	1	CONNECTOR – COMPRESSION – 2C4
46	5 12 02	12	CONNECTOR – COMPRESSION – 4/0 TO #2
47	6 02 21	7	ARRESTER – 21 kV (RURAL)
48	7 38 XX	1	FUSE LINK – BUTTON HEAD – TYPE “T”
49	7 69 62	0.24	SCREWS – WOOD – #10 X 1-1/2" (100/BOX)
50	7 69 64	0.04	SCREWS – WOOD – #14 X 2" – HEX HEAD (100/BOX)
51	8 10 66	1	BUILDING – REGULATOR – 6' X 6'
52	8 30 70	1	PLATFORM – REGULATOR – 5m (EXTRA HEAVY DUTY)
53	05 385 151	–	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 5)
54	05 385 20X	–	TAG – NUMBER – YELLOW (SEE NOTE 5)
54	05 385 209	–	TAG – DASH – YELLOW (SEE NOTE 5)
54	05 385 25X	–	TAG – LETTER – YELLOW (SEE NOTE 5)
55	05 638 32X	10	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 4)
55	05 638 329	2	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 4)
55	05 638 4XX	6	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 4)
56	05 640 000	2	SIGN – DANGER – HIGH VOLTAGE
57	05 640 006	2	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 4)
58	05 646 582	1	DECAL – WATCH FOR WIRES
59	PURCHASE LOCALLY	2	CROSSARM – PRESSURE TREATED LUMBER – 5-1/4" X 6" X 18'
60	–	–	CELL MODEM / ANTENNA (SEE NOTE 7)
61	3 91 07	2	BEARING PAD – CONCRETE – 700mm DIAM.

MATERIAL LIST CONTINUED ON SHEET 4

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	25 kV - 400A - 3 x 1 Ø 400A REGULATOR STRUCTURE	
L MOEN	P PATEL	CHKD. LM		
		2022-01-07		
DATE OF ISSUE: 2022-08-15		DRAWING NO: A-26-20	SHEET 3 OF 4	REV. F

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
			<p>NOTES:</p> <ol style="list-style-type: none"> 1. REFER TO SECTION A-36 FOR APPROPRIATE DEADEND CLAMP. 2. CONNECTOR REQUIREMENTS WILL DEPEND ON RISER SIZE AND PRIMARY LINE SIZE. REFER TO SECTION A-36 FOR SELECTION. 3. REFER TO A-34 FOR INSULATOR TIE SELECTION. 4. REFER TO A-30-05 FOR APPLICABLE CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION. 5. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. 6. THIS STRUCTURE REQUIRES A MINIMUM OF TWO IDENTIFYING TAGS (ONE FOR THE REGULATORS AND ONE FOR THE TRANSFORMER). 7. CONTACT NETWORK ENGINEERING AND DISTRIBUTION ENGINEERING OPERATIONS & MAINTENANCE FOR CELL MODEM / ANTENNA REQUIREMENTS.

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SaskPower - DISTRIBUTION STANDARDS				
APPROVAL	DESIGN CHK	DRN. PP	25 kV - 400A - 3 x 1Ø 400A REGULATOR STRUCTURE	
L MOEN	P PATEL	CHKD. LM		
		2021-05-04		
DATE OF ISSUE:	2021-08-16	DRAWING NO:	A-26-20	SHEET 4 OF 4
				REV. A

BILL OF MATERIAL

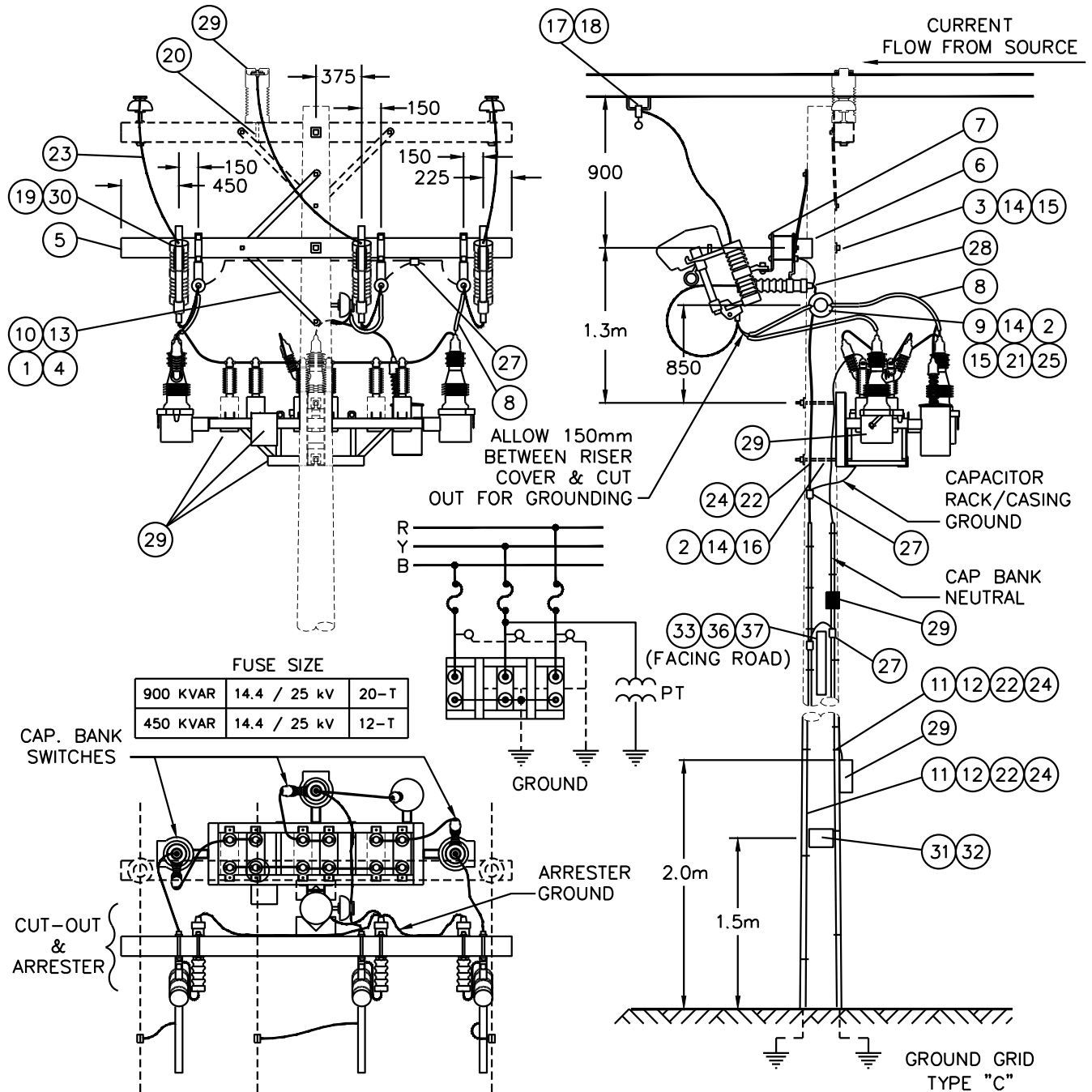
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 08 38	1	BOLT - CARRIAGE - 3/8" x 4 1/2"
2	1 13 10	3	BOLT - MACHINE - 5/8" x 10"
3	1 13 18	1	BOLT - MACHINE - 5/8" x 18"
4	1 19 32	2	BRACE - X-ARM - 32"
5	1 29 10	1	CROSSARM - WOOD - 4" x 5" x 10'-0"
6	1 32 86	1	GAIN - WOOD POLE
7	1 35 32	3	BRACKET - XARM W/ARRESTER, CUTOUT OR TERMINATOR
8	1 35 38	15 FT.	RISER COVER FOR WILDLIFE GUARD
9	1 53 13	1	PIN - FEMALE INSULATOR
10	1 78 12	2	SCREW - LAG - 1/2" x 4 1/2"
11	1 85 01	1 lb	STAPLE - FENCE
12	1 85 02	30	STAPLE - MOULDING
13	1 93 25	1	WASHER - LOCK DOUBLE COIL - 3/8"
14	1 93 27	4	WASHER - LOCK DOUBLE COIL - 5/8"
15	1 93 42	3	WASHER - SQUARE - 2 1/4" x 2 1/4" x 13/16" HOLE
16	1 93 96	2	WASHER - CURVED - 3" x 3" - 13/16" HOLE
17	2 02 70	3	CLAMP - HOTLINE
18	2 02 8X	3	CLAMP - HOTLINE WITH BAIL (SEE NOTE 1)
19	2 12 62	3	CUTOUT - LOADBREAK - 27 kV - 100 AMP
20	2 19 92	1	STUD - LINE POST INSULATOR
21	2 20 23	1	INSULATOR - PIN TYPE, 15 kV
22	2 27 00	5	MOULDING - GROUND WIRE
23	2 83 02	20 m	WIRE - CU #2/7 STR
24	2 83 04	28 m	WIRE - CU #4/7 STR
25	2 97 50	1	UNI-TIE
26	5 12 01	1	CONNECTOR CU - 2C2
27	5 12 06	5	CONNECTOR CU - 4C4
28	6 02 21	3	ARRESTER - 21 kV (RURAL)
28	8 02 18	3	ARRESTER - 18 kV (URBAN)
29	6 10 14	1	450 KVAR SWITCHED CAPACITOR KIT
30	7 38 12	3	FUSE - BUTTON HEAD 12 T (14.4/25 kV)
30	7 38 20	-	FUSE - BUTTON HEAD 20 T (14.4/25 kV)
31	7 69 62	0.04	WOOD SCREW - #10 - 1 1/2" ROBERTSON ROUND (100/BOX)
32	5 640 000	1	SIGN - "DANGER H.V."

MATERIAL LIST CONTINUED ON SHEET 3 OF 3

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. ARU	AUTO SWITCHED CAPACITOR BANK, 450 AND 900 KVAR, 25 kV
L. MOEN	A. UHREN	CHKD.	
		2015-06-02	
DATE OF ISSUE:	2016/02/05	DRAWING NO: A-26-22	SHEET 1 OF 4 REV. A



NOTES:

1. REFER TO A-33 FOR GROUNDING DETAILS AND GRID TYPE.
2. RUN GROUND WIRES ON OPPOSITE SIDE OF POLE TO CUTOUTS.
3. NEUTRAL GROUND AND ARRESTER GROUND TO BE SEPARATED BY MINIMUM 150mm AND TO BE ON OPPOSITE SIDE OF POLE TO EACH OTHER AT GROUND LEVEL.
4. BOND CAPACITOR RACK TO ARRESTER GROUND LEAD.
5. AFTER DISCONNECTING CAPACITORS, ALWAYS WAIT 5 MINUTES BEFORE GROUNDING OR PUTTING BACK INTO SERVICE.
6. IF INSTALLED IN URBAN AREA WITH SECONDARY OR NEUTRAL PRESENT, BOND NEUTRAL TO ARRESTER GROUND.
7. MINIMUM 10.7m (35') POLE RURAL OR 12.2 (40') POLE URBAN.
8. REFER TO SECTION A-08-00 FOR CLASS OF POLE.
9. LINE POST CT SHOULD BE MOUNTED SO HI LABEL IS TOWARDS SUPPLY. CT NEEDS TO BE GROUND AT STUD.

SCALE: N.T.S.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN. I.JOHNSON CHKD. 2019-08-22
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AUTO SWITCHED CAPACITORS
450 & 900 KVAR
25kV

DATE OF ISSUE 2020/05/12

DRAWING NO. A-26-22

SHEET 2 of 4

REV. B

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
33	7 69 64	0.02	SCREW – WOOD – #14 X 2" – HEX HEAD (100/BOX)
34	05 385 151	–	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 5)
35	05 385 20X	–	TAG – NUMBER – YELLOW (SEE NOTE 5)
35	05 385 209	–	TAG – DASH – YELLOW (SEE NOTE 5)
35	05 385 25X	–	TAG – LETTER – YELLOW (SEE NOTE 5)
36	05 638 32X	3	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 4)
36	05 638 329	1	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 4)
36	05 638 4XX	5	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 4)
37	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 4)
38	–	–	CELL MODEM / ANTENNA (SEE NOTE 6)

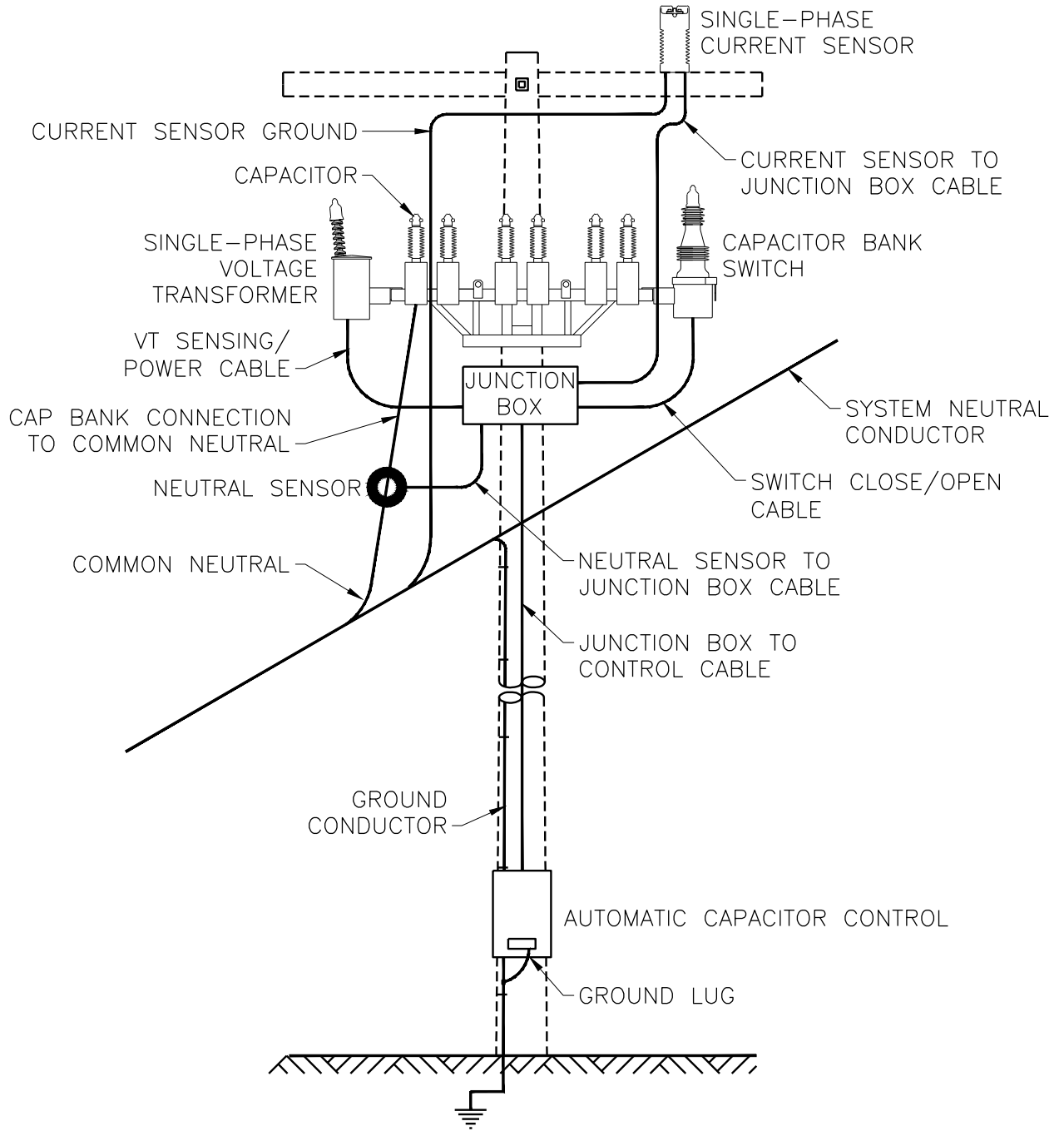
NOTES:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. FOR 900 KVAR CAPACITOR BANK THREE ADDITIONAL (6 10 12) 150 KVAR CAPACITORS ARE REQUIRED (ONE PER PHASE).
3. STOCK CODE 6 10 14 INCLUDES:
 6 10 10 – NEUTRAL CURRENT SENSOR
 6 10 12 – 150 KVAR CAPACITORS (3)
 6 10 20 – LINE POST CURRENT SENSOR
 6 10 30 – CAPACITOR SWITCH CONTROLLER
 6 10 40 – CAPACITOR SWITCHES (3)
 6 10 45 – CAPACITOR SWITCH JUNCTION BOX
 6 10 96 – CAPACITOR RACK
 16 40 03 – POTENTIAL TRANSFORMER
4. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
5. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.
6. CONTACT NETWORK ENGINEERING AND DISTRIBUTION ENGINEERING OPERATIONS & MAINTENANCE FOR CELL MODEM / ANTENNA REQUIREMENTS.

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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	AUTO SWITCHED CAPACITOR BANK, 450 AND 900 KVAR, 25 kV
L MOEN	P PATEL	CHKD. LM	
		2021-05-04	
DATE OF ISSUE:	2021-08-16	DRAWING NO: A-26-22	SHEET 3 OF 4 REV. C



NOTE:

1. WHEN NO SYSTEM NEUTRAL EXIST ALL CONNECTIONS TO THE COMMON NEUTRAL MUST CONNECT DIRECTLY TO THE GROUND CONDUCTOR.

SCALE: N.T.S.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

SaskPower – DISTRIBUTION STANDARDS				
APPROVAL M.ERETH	DESIGN CHK. L.BAILEY	DRN. A.GATZKE CHKD. 2014-08-25	AUTO SWITCH CAPACITOR BANK GROUNDING & NEUTRAL WIRING DIAGRAM	
DATE OF ISSUE	2014/11/17	DRAWING NO.	A-26-22	SHEET 4 of 4
				REV. -

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 13 12	1	BOLT – MACHINE – 5/8" X 12"
2	1 14 12	2	BOLT – MACHINE – 3/4" X 12"
3	1 35 38	52 ft	CONDUCTOR COVER – #4 AWG TO 4/0
4	1 53 13	1	PIN – FEMALE
5	1 78 12	4	SCREW – LAG – 1/2" X 4-1/2"
6	1 85 01	1 lb	STAPLE – FENCE
7	1 85 02	24	STAPLE – MOULDING
8	1 93 27	1	WASHER – LOCK – DOUBLE COIL – 5/8"
9	1 93 28	2	WASHER – LOCK – DOUBLE COIL – 3/4"
10	1 93 94	1	WASHER – CURVED – 2-1/4" X 2-1/4" X 11/16" HOLE
11	1 93 96	2	WASHER – CURVED – 3" X 3" X 13/16" HOLE
12	2 01 XX	6	DEADEND – AUTOMATIC (SEE NOTE 1)
13	2 05 30	6	JUMPER STUD – AMPACT (SEE NOTE 3)
14	2 05 31	6	JUMPER STUD DISCONNECT – AMPACT
15	2 06 XX	6	CONNECTOR – AMPACT (SEE NOTE 1 & 3)
16	2 20 23	1	INSULATOR – PIN TYPE
17	2 27 00	4	MOULDING – GROUND WIRE – 10'
18	2 29 25	3	INSULATOR – DEADEND – POLYMER – TONGUE-TO-TONGUE
19	2 65 83	12	HYLUG – #2 AL & CU
20	2 65 97	12	HYLUG – 4/0 AL & CU
21	2 83 02	25 m	WIRE – CU – #2 – 7 STR
22	2 97 50	1	UNI – TIE
23	2 98 01	16 m	WIRE – CU 4/0 STR
24	5 12 01	6	CONNECTOR – CRIMPIT – #2 TO #2
25	5 12 02	6	CONNECTOR – CRIMPIT – 4/0 TO #2
26	6 02 21	6	ARRESTER – 21 kV (RURAL)
26	8 02 18	6	ARRESTER – 18 kV (URBAN)
27	7 69 62	0.12	SCREWS – WOOD – #10 X 1-1/2" (100/BOX)
28	5 640 000	1	SIGN – DANGER – HIGH VOLTAGE
29	5 640 001	2	SIGN – INTELLIRUPTER WARNING
30	-	-	CELL MODEM / ANTENNA (SEE NOTE 4)

NOTES:

1. REFER TO A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. SPECIFY EXTRA CABLE LENGTH WHEN REQUIRED.
3. JUMPER STUD REQUIRES 477 KCMIL SIZED AMPACT.
4. CONTACT NETWORK ENGINEERING AND DISTRIBUTION ENGINEERING OPERATIONS & MAINTENANCE FOR CELL MODEM / ANTENNA REQUIREMENTS.

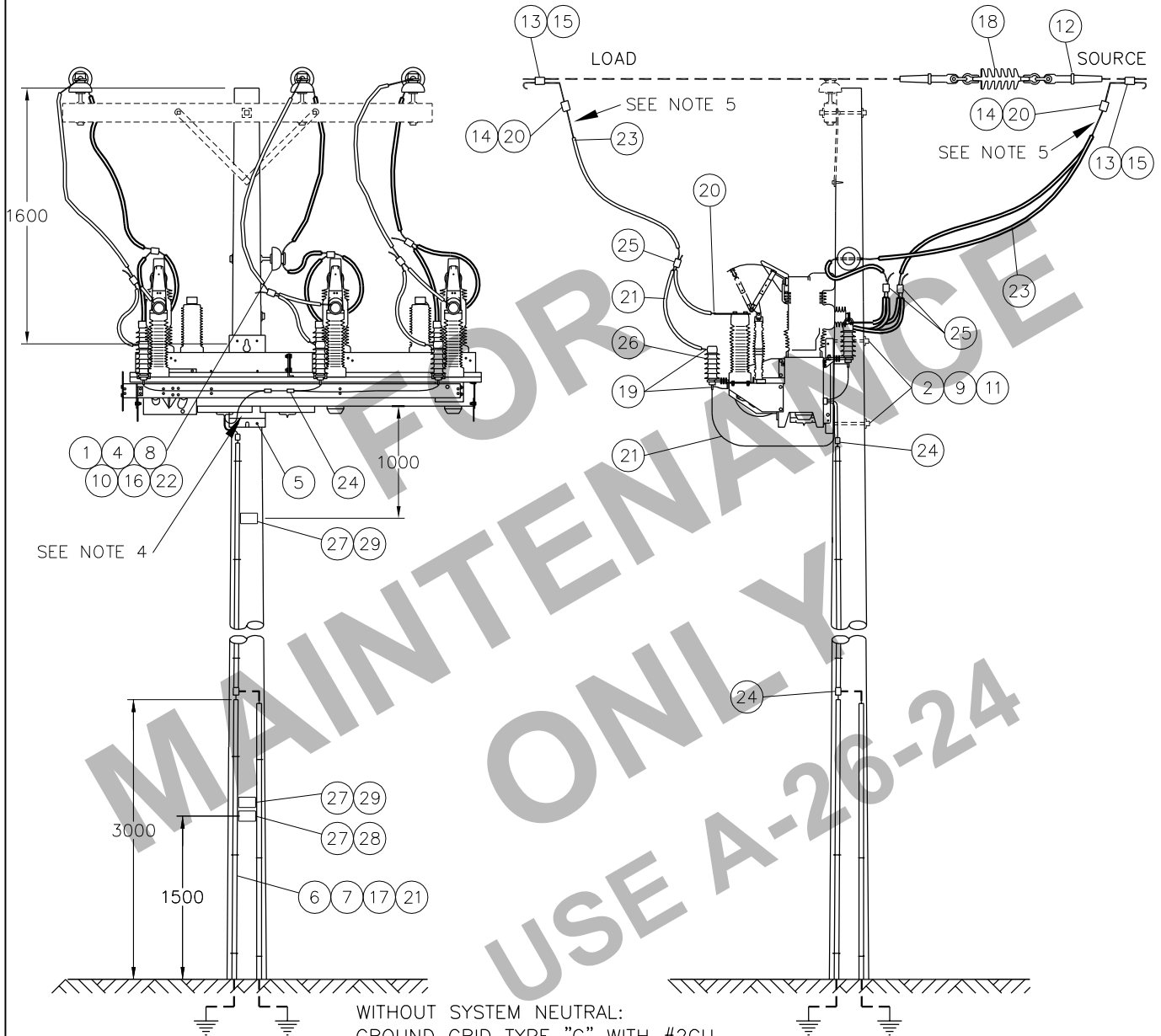
SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	INTELLIRUPTER 3Ø RECLOSER
L MOEN	P PATEL	CHKD. LM	
		2021-05-04	
DATE OF ISSUE:	2021-08-16	DRAWING NO: A-26-23	SHEET 1 OF 2
			REV. B

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INTELLIRUPTER RECLOSER

STRUCTURE USED HERE



WITHOUT SYSTEM NEUTRAL:
GROUND GRID TYPE "C" WITH #2CU
WITH SYSTEM NEUTRAL:
GROUND GRID TYPE "A"

NOTE:

1. INTELLIRUPTER GROUND MUST BE CONNECTED PRIOR TO ENERGIZATION AND MUST ALWAYS BE CONNECTED WHEN ENERGIZED. DAMAGE TO INTELLIRUPTER CONTROL CIRCUIT WILL OCCUR IF NOT GROUNDING.
2. MINIMUM 13.7m(45') CLASS 3 POLE REQUIRED FOR URBAN. MINIMUM 12.2m (40') CLASS 3 POLE REQUIRED FOR RURAL. CLASS 2 POLE REQUIRED FOR PELICAN STRUCTURE.
3. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND LOCATION.
4. MINIMUM 450mm CLEARANCE REQUIRED BELOW INTELLIRUPTER FOR REMOVAL OF BATTERY AND CONTROL UNITS.
5. ALLOW FOR MINIMUM 150mm BETWEEN RISERS AND JUMPER STUD DISCONNECT FOR GROUNDING.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. D.DONAS	DRN.D.REDEKOPP CHKD. 2018-11-28	INTELLIRUPTER 3Ø RECLOSER
DATE OF ISSUE	0671331	DRAWING NO. A-26-23	SHEET 2 of 2
			REV. C

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BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
1	1 13 12	3	BOLT – MACHINE – 5/8” x 12”
2	1 14 12	2	BOLT – MACHINE – 3/4” x 12”
3	1 35 38	35 ft	CONDUCTOR COVER #4 AWG TO 4/0
4	1 53 13	1	PIN – FEMALE
5	1 78 12	4	SCREW – LAG – 1/2” x 4 1/2”
6	1 85 01	1 lb	STAPLE – FENCE
7	1 85 02	24	STAPLE – MOULDING
8	1 93 27	3	WASHER – LOCK DOUBLE COIL – 5/8”
9	1 93 28	2	WASHER – LOCK DOUBLE COIL – 3/4”
10	1 93 94	3	WASHER – CURVED – 2 1/4” x 2 1/4” x 11/16” HOLE
11	1 93 96	2	WASHER – CURVED – 3” x 3” x 13/16” HOLE
12	2 01 XX	6	CLAMP – AUTOMATIC DEADEND – SEE NOTE 1
13	2 06 XX	6	CONNECTOR – AMPACT – SEE NOTE 1
14	2 20 23	1	INSULATOR – PIN TYPE
15	2 27 00	4	MOULDING – GROUND WIRE – 10’
16	2 29 25	3	INSULATOR – DEADEND POLYMER – TONGUE-TO-TONGUE
17	2 65 83	12	HYLUG – #2 AL & CU
18	2 65 97	18	HYLUG – 4/0 AL & CU
19	2 71 80	1	SWITCH-BYPASS 3PH 25KV 600A-FRP ARM
20	2 83 02	25 m	WIRE – CU #2/7 STR
21	2 97 50	1	UNI – TIE
22	2 98 01	26 m	WIRE – CU 4/0 STR
23	5 12 01	6	CONNECTOR – CRIMPIT – #2 TO #2
24	5 12 02	6	CONNECTOR – CRIMPIT – 4/0 TO #2
25	6 02 21	6	ARRESTER – 21 kV (RURAL)
25	8 02 18	6	ARRESTER – 18 kV (URBAN)
26	7 69 62	0.12	SCREWS – WOOD – #10 – 1 1/2” (100/BOX)
27	7 69 64	0.02	WOOD SCREW – #14 – 2” HEX HEAD (100/BOX)
			MATERIAL LIST CONTINUED ON SHEET 3 OF 3

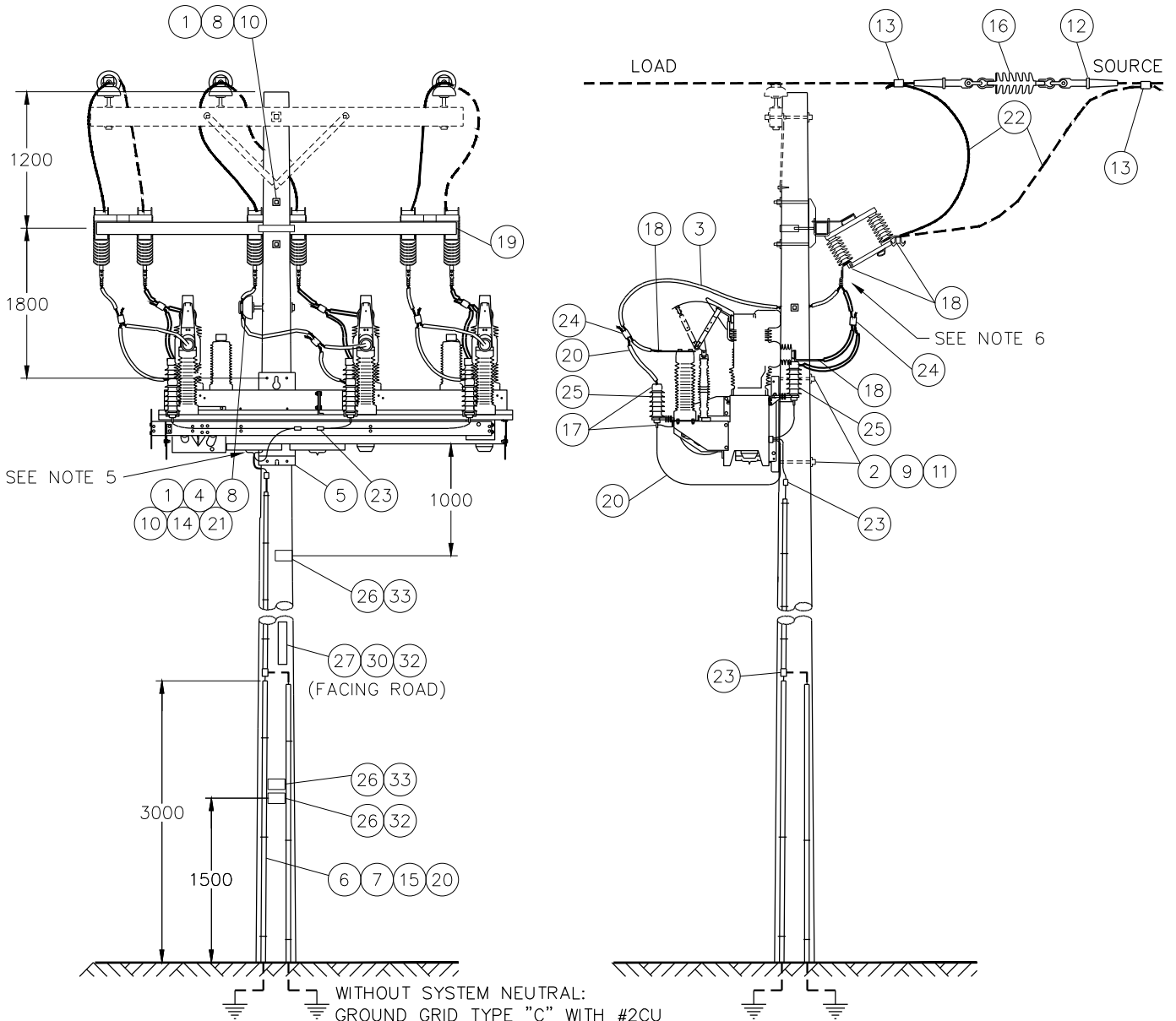
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SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. JDA	INTELLIRUPTER 3Ø RECLOSER WITH BYPASS
L. MOEN	J. ARSENAULT	CHKD.	
		2019-04-08	
DATE OF ISSUE: 2020/05/12	DRAWING NO: A-26-24	SHEET 1 OF 3	REV. B

INTELLIRUPTER RECLOSER

STRUCTURE USED HERE



WITHOUT SYSTEM NEUTRAL:
GROUND GRID TYPE "C" WITH #2CU
WITH SYSTEM NEUTRAL:
GROUND GRID TYPE "A"

NOTES:

1. INTELLIRUPTER GROUND MUST BE CONNECTED PRIOR TO ENERGIZATION AND MUST ALWAYS BE CONNECTED WHEN ENERGIZED. DAMAGE TO INTELLIRUPTER CONTROL CIRCUIT WILL OCCUR IF NOT GROUNDING.
2. MINIMUM 15.2m(50') CLASS 3 POLE REQUIRED FOR URBAN. MINIMUM 12.2m (40') CLASS 3 POLE REQUIRED FOR RURAL. CLASS 2 POLE REQUIRED FOR PELICAN STRUCTURE.
3. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND LOCATION.
4. COMMUNICATION BETWEEN ENGINEERING AND OPERATIONS STAFF IS NECESSARY TO DECIDE WHICH INTELLIRUPTER STRUCTURE (A-26-23 OR A-26-24) SHALL BE USED.
5. MINIMUM 450mm CLEARANCE REQUIRED BELOW INTELLIRUPTER FOR REMOVAL OF BATTERY AND CONTROL UNITS.
6. ALLOW FOR 150mm BETWEEN RISER COVERS AND BYPASS BLADES FOR GROUNDING.

SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL L.MOEN	DESIGN CHK. B. GEBHART	DRN.I. JOHNSON CHKD. 2019-08-22	INTELLIRUPTER 3Ø RECLOSER WITH BYPASS
DATE OF ISSUE	2020/05/12	DRAWING NO. A-26-24	SHEET 2 of 3
			REV. B

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BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION
28	05 385 151	-	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 4)
29	05 385 20X	-	TAG – NUMBER – YELLOW (SEE NOTE 4)
29	05 385 209	-	TAG – DASH – YELLOW (SEE NOTE 4)
29	05 385 25X	-	TAG – LETTER – YELLOW (SEE NOTE 4)
30	05 638 32X	3	DECAL – NUMBER – BLACK – 1-1/2" (SEE NOTE 3)
30	05 638 329	1	DECAL – DASH – BLACK – 1-1/2" (SEE NOTE 3)
30	05 638 4XX	5	DECAL – LETTER – BLACK – 1-1/2" (SEE NOTE 3)
31	05 640 000	2	SIGN – DANGER – HIGH VOLTAGE
32	05 640 006	1	SIGN – BLANK – REFLECTIVE – 3" X 18" (SEE NOTE 3)
33	5 640 001	2	SIGN – INTELLIRUPTER WARNING
34	-	-	CELL MODEM / ANTENNA (SEE NOTE 5)

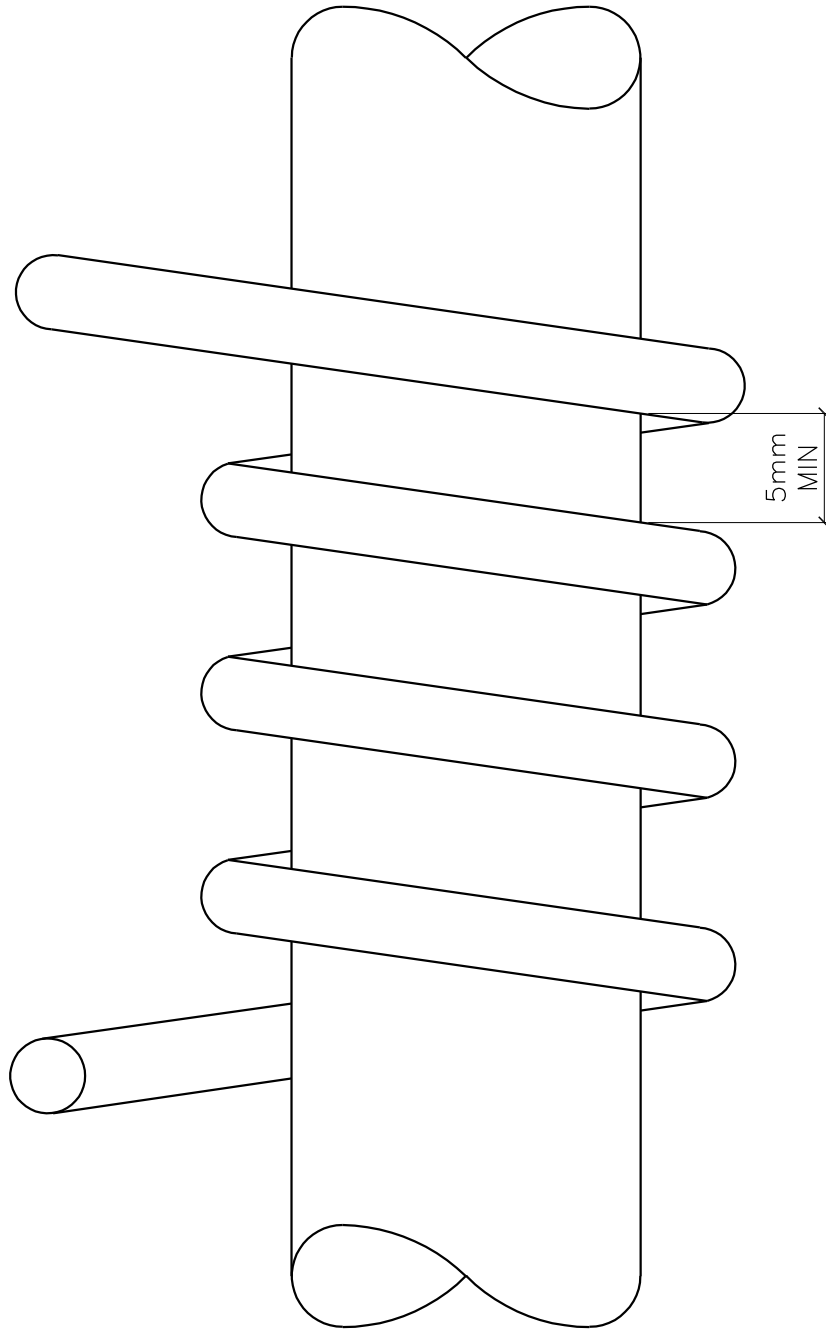
NOTES:

1. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
2. SPECIFY EXTRA CABLE LENGTH WHEN REQUIRED.
3. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION.
4. WHEN SPACE IS AN ISSUE THIS TAG HOLDER MAY BE USED INSTEAD OF THE REFLECTIVE SIGN. REFER TO A-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.
5. CONTACT NETWORK ENGINEERING AND DISTRIBUTION ENGINEERING OPERATIONS & MAINTENANCE FOR CELL MODEM / ANTENNA REQUIREMENTS.

BACK TO INDEX PAGE

SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	INTELLIRUPTER 3Ø RECLOSER WITH BYPASS	
L MOEN	P PATEL	CHKD. LM		
		2021-05-04		
DATE OF ISSUE:	2021-08-16	DRAWING NO: A-26-24	SHEET 3 OF 3	REV. A



DIRECTIONS:

1. ESTIMATE THE STRAIGHT LENGTH OF THE RISER WIRE.
2. ADD 18" TO THE ESTIMATED LENGTH.
3. STARTING IN THE MIDDLE OF THE CUT LENGTH, WRAP AROUND A GUY MARKER, (1-34-16 IS PREFERRED BUT 1-34-18 WILL WORK,) 3 1/2 TURNS AS SHOWN.
4. SPACE THE COILS SO AT LEAST 5mm OF SPACE IS BETWEEN THE COILS.
5. INSTALL AS USUAL.

APPROVED FOR CONSTRUCTION

SaskPower – DISTRIBUTION STANDARDS

APPROVAL		DESIGN CHK.	DRN.D.REDEKOPP	COILED RISERS	
L.MOEN		L.MOEN	CHKD.		
			2019-08-14		
DATE OF ISSUE		2020/05/12	DRAWING NO. A-26-25	SHEET 1 of 1	REV. A

BILL OF MATERIAL

ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION
		A	B	C	
1	1 12 02	0	0	6	BOLT – 1/2" X 2"
2	1 12 32	0	0	6	WASHER – KIT – C/W 2 WASHERS AND BRONZE NUT
3	2 02 1X	2	6	6	DEADEND – BOLTED
4	2 05 30	1	3	0	JUMPER STUD – AMPACT
5	2 05 31	1	3	0	JUMPER STUD DISCONNECT – AMPACT
6	2 06 XX	2	6	6	CONNECTOR – AMPACT
7	2 06 9X	2	6	6	SHELL – TAP – AMPACT
8	2 29 25	1	3	0	DEADEND – POLYMER – TONGUE ENDS
9	2 65 83	1	3	6	HYLUG – #2 AL & CU (SEE NOTE 2)
10	2 71 65	0	0	3	SWITCH – INLINE DISCONNECT – 25 kV – 600 AMP
11	2 83 02	2 m	6 m	4 m	WIRE – CU – #2 – 7 STR (SEE NOTE 2)

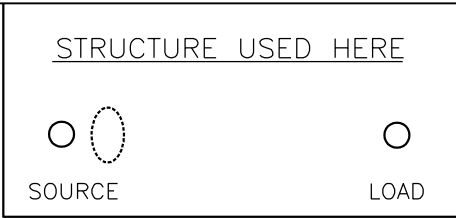
NOTE:

1. COLUMN 'A' FOR TEMPORARY SINGLE PHASE
COLUMN 'B' FOR TEMPORARY THREE PHASE
COLUMN 'C' FOR PERMANENT THREE PHASE
2. IF AMPACITY REQUIREMENTS EXCEED 200A,
USE LARGER SIZED CONDUCTOR AND LUG.

BACK TO INDEX PAGE

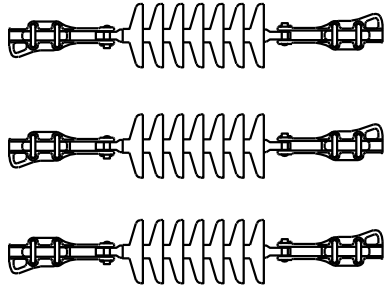
SaskPower - DISTRIBUTION STANDARDS

APPROVAL	DESIGN CHK	DRN. PP	THREE PHASE INLINE DISCONNECT
L MOEN	P PATEL	CHKD. LM	
		2021-08-13	
DATE OF ISSUE: 2022-01-10	DRAWING NO. A-26-26		SHEET 1 OF 2 REV. -



SOURCE SIDE

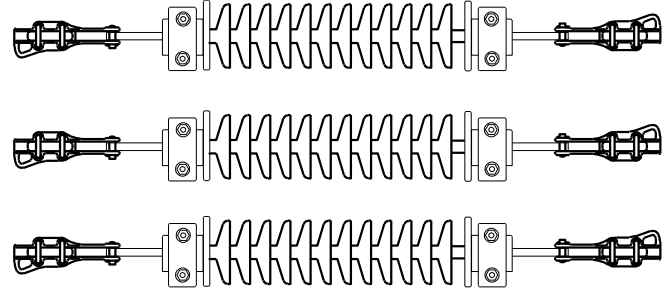
LOAD SIDE



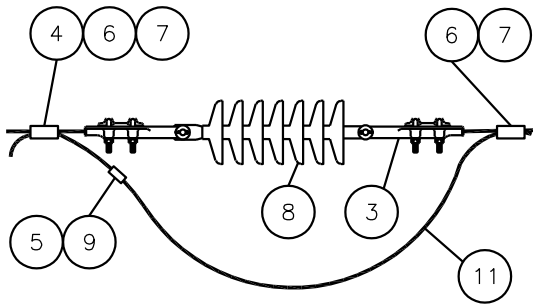
TOP VIEW

SOURCE SIDE

LOAD SIDE

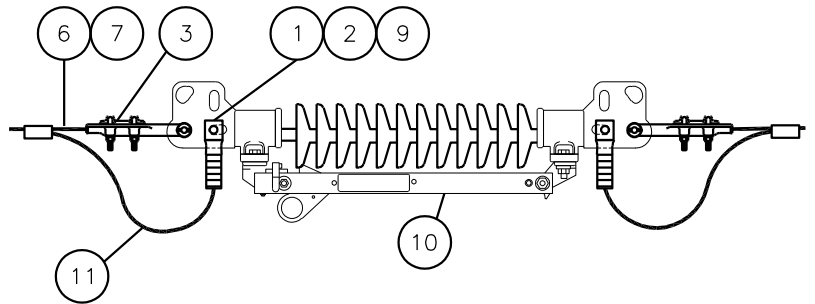


TOP VIEW



SIDE VIEW

SINGLE AND THREE PHASE
INLINE EPOXILATOR
(TEMPORARY INSTALLATION)



SIDE VIEW

THREE PHASE INLINE DISCONNECT
(PERMANENT INSTALLATION)

NOTES:

1. INSTALL DISCONNECTS AS CLOSE TO NEAREST POLE AS POSSIBLE.
2. CARE MUST BE TAKEN ON WHERE THE BOLTED DEADEND ATTACHES TO THE INLINE SWITCH. OBLONG HOLES ARE FOR JUMPERS ONLY.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

SCALE: N.T.S.

SaskPower – DISTRIBUTION STANDARDS				
APPROVAL	DESIGN CHK.	DRN.D.REDEKOPP	THREE PHASE INLINE DISCONNECT	
L.MOEN	P.PATEL	CHKD.		
		2021-11-01		
DATE OF ISSUE	2022-01-10	DRAWING NO.	A-26-26	SHEET 2 of 2
				REV. A