		RURAL DISTRIBUTION
WING	SHT.	DRAWING TITLE

DRAWING NUMBER SHT. DRAWING TITLE DWG REV. REV.					
B-12-10	_	SHT.	DRAWING TITLE	_	_
B-12-11	B-12-00	1 – 2	GENERAL INFORMATION	A/A	-
B-12-12	B-12-10	1 – 3	SINGLE-PHASE, TAKE-OFF STRUCTURE	G	I/B
B-12-13	B-12-11	1 – 3	SINGLE-PHASE, DOUBLE TAKE-OFF STRUCTURE	G	I/B
B-12-15 1 - 3 THREE-PHASE, TAKE-OFF STRUCTURE B-12-16 1 - 3 SINGLE-PHASE, TAKE-OFF STRUCTURE B-12-20 1 - 2 SINGLE-PHASE, RADIAL FEED CABLE STRUCTURE WITH EXISTING POLE-MOUNTED TRANSFORMER B-12-21 1 - 2 SINGLE-PHASE, LOOP FEED CABLE STRUCTURE WITH EXISTING POLE-MOUNTED TRANSFORMER B-12-22 1 - 2 RUD SECONDARY TAKE-OFF STRUCTURE B-12-23 1 - 2 RUD LOOP FEED OVERHEAD TRANSFORMER WITH CUTOUT B-12-25 1 - 3 OFF B-12-36 1 - 3 OFF B-12-37 1 - 3 RURAL 3Ø, SOLID BLADE DISCONNECT SINGLE-CIRCUIT REVERSE TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR B-12-37 1 - 3 RURAL 3Ø, SOLID BLADE DISCONNECT SINGLE-CIRCUIT REVERSE TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR C B / B B-12-38 1 - 1 CABLE TERMINATION DETAILS	B-12-12	1 – 2	REVERSE FROM U/G TO O/H TAKE-OFF ON RADIAL	E	F
B-12-16 1-3 SINGLE-PHASE, TRIPSAVER II TAKE-OFF STRUCTURE SINGLE-PHASE, ADIAL FEED CABLE STRUCTURE WITH EXISTING POLE-MOUNTED TRANSFORMER SINGLE-PHASE, LOOP FEED CABLE STRUCTURE WITH EXISTING POLE-MOUNTED TRANSFORMER SINGLE-PHASE, LOOP FEED CABLE STRUCTURE WITH EXISTING POLE-MOUNTED TRANSFORMER SINGLE-PHASE, LOOP FEED CABLE STRUCTURE WITH EXISTING POLE-MOUNTED TRANSFORMER WITH CUTOUT DISTINGLE-PHASE, TAKE-OFF STRUCTURE WITH SISTING OVERHEAD TAPOFF STRUCTURE WITH SISTING OVERHEAD TAPOFF STRUCTURE WITH SISTING OVERHEAD TAPOFF STRUCTURE WITH SPARE CONDUCTOR DISTINGLE-CIRCUIT REVERSE TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR COST RURAL 30 GOPT TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR COST BIOLE-MOUNT COST CABLE TERMINATION DETAILS CABLE TERMIN	B-12-13	1 – 2		В	D
B-12-20 1 - 2 B-12-21 1 - 2 B-12-21 1 - 2 B-12-22 1 - 2 B-12-23 1 - 2 B-12-23 1 - 2 B-12-25 1 - 3 B-12-36 1 - 3 B-12-37 1 - 3 B-12-38 1 - 1 B-12-38 1 - 1	B-12-15	1 – 3	THREE-PHASE, TAKE-OFF STRUCTURE	G	I/B
B-12-21 1 - 2 MOUNTED TRANSFORMER B-12-22 1 - 2 MIGLE-PHASE, LOOP FEED CABLE STRUCTURE WITH EXISTING POLE-MOUNTED TRANSFORMER B-12-23 1 - 2 RUD LOOP FEED OVERHEAD TRANSFORMER WITH CUTOUT DEB-12-25 1 - 3 SINGLE-PHASE, TAKE-OFF STRUCTURE WITH EXISTING OVERHEAD TAPOOFF STRUCTURE WITH EXISTING OVERHEAD TAPOOFF STRUCTURE WITH SPARE CONDUCTOR B-12-37 1 - 3 RURAL 3Ø, SOLID BLADE DISCONNECT SINGLE-CIRCUIT REVERSE TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR CABLE TERMINATION DETAILS 1 - 1 CABLE TERMINATION DETAILS 5 F F F F F F F F F F F F F F F F F F	B-12-16	1 – 3	SINGLE-PHASE, TRIPSAVER II TAKE-OFF STRUCTURE	В	A/A
B-12-21 1 - 2 SINGLE-PHASE, LOOP FEED CABLE STRUCTURE WITH EXISTING POLE-MOUNTED TRANSFORMER RUD SECONDARY TAKE-OFF STRUCTURE E F F RUD SECONDARY TAKE-OFF STRUCTURE WITH CUTOUT D E SINGLE-PHASE, TAKE-OFF STRUCTURE WITH EXISTING OVERHEAD TAPOFF STRUCTURE WITH EXISTING OVERHEAD TAPOFF STRUCTURE WITH EXISTING OVERHEAD TAPOFF STRUCTURE WITH SPARE CONDUCTOR RURAL 3% GOPT TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR C B/B CABLE TERMINATION DETAILS	B-12-20	1 – 2		G	I
B-12-23 1 - 2 B-12-25 1 - 3 B-12-36 1 - 3 B-12-37 1 - 3 B-12-38 1 - 3 B-12-38 1 - 3 B-12-38 1 - 3 B-12-38 1 - 3 - 3 B-12-3	B-12-21	1 – 2	SINGLE-PHASE, LOOP FEED CABLE STRUCTURE WITH EXISTING POLE-	E	F
B-12-25 1 - 3 SINGLE-PHASE, TAKE-OFF STRUCTURE WITH EXISTING OVERHEAD TAP-OFF OFF STRUCTURE WITH SPARE CONDUCTOR RURAL 3Ø, SOLID BLADE DISCONNECT SINGLE-CIRCUIT REVERSE TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR RURAL 3Ø GOPT TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR C B / B - 12-38 1 - 1 CABLE TERMINATION DETAILS	B-12-22	1 – 2	RUD SECONDARY TAKE-OFF STRUCTURE	E	F
B-12-36 1-3 OFF RURAL 3Ø, SOLID BLADE DISCONNECT SINGLE-CIRCUIT REVERSE TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR B-12-37 1-3 RURAL 3Ø GOPT TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR C B/B B-12-38 1-1 CABLE TERMINATION DETAILS	B-12-23	1 – 2	RUD LOOP FEED OVERHEAD TRANSFORMER WITH CUTOUT	D	E
B-12-36 1 - 3 RURAL 3Ø, SOLID BLADE DISCONNECT SINGLE-CIRCUIT REVERSE TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR RURAL 3Ø GOPT TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR CABLE TERMINATION DETAILS B-12-38 1 - 1 CABLE TERMINATION DETAILS B B / A B B / A C B / B	B-12-25	1 – 3		F	I/B
B-12-37 1 - 3 RURAL 3Ø GOPT TAKE-OFF STRUCTURE WITH SPARE CONDUCTOR C B/B CABLE TERMINATION DETAILS - B/B	B-12-36		RURAL 3Ø, SOLID BLADE DISCONNECT SINGLE-CIRCUIT REVERSE TAKE-	В	B/A
	B-12-37	1 – 3		С	В/В
	B-12-38	1 – 1	CABLE TERMINATION DETAILS	_	
Cool/Pewer DIOTDIDUTION OTANDADO					
			Cool/Power Planning State Cool		

Sask Power - DISTRIBUTION STANDARDS							
APPROVAL	DESIGN CHK	DRN. PP					
L MOEN	P PATEL	CHKD. LM		INDEX			
	2022/06/08						
DATE OF ISSUE:	2022-08-15	DRAWING NO:	B-12-INDEX	SHEET 1 of 1	REV. Q		

RURAL UNDERGROUND DISTRIBUTION GENERAL DESIGN CRITERIA

1. NEW RURAL SERVICES

1.1. RADIAL FEED

THE MAJORITY OF NEW RURAL SERVICES WILL CONSIST OF A RADIAL UNDERGROUND TAP OFF AN EXISTING SINGLE-PHASE OR THREE-PHASE OVERHEAD LINE.

THE COMPONENTS REQUIRED FOR A RADIALLY FED NEW RURAL SERVICE ARE:

- TAKE-OFF STRUCTURE
- PRIMARY CABLE
- PADMOUNTED TRANSFORMER AND ASSOCIATED ACCESSORIES
- METERING PEDESTAL (FARMS ONLY)

THE STANDARD ENGINEERING PRACTICE IS TO INSTALL A MAXIMUM OF 3 RURAL CUSTOMERS ON A RADIAL. AFTER 3 CUSTOMERS, CONSIDERATION SHOULD BE GIVEN TO INSTALL A LOOP SYSTEM.

1.2. LOOP (ALTERNATE) FEED

NEW RURAL SERVICES WHICH OCCUR WITHIN THE BOUNDARIES OF AN EXISTING RUD PROJECT OR WHICH ARE IN CLOSE PROXIMITY TO AN EXISTING UNDERGROUND CABLE SHALL BE INSTALLED AS A LOOP (ALTERNATE) FEED SERVICE. BOTH THE INCOMING (LINE SIDE) AND OUTGOING (LOAD SIDE) CABLES SHALL BE SPLICED INTO THE EXISTING UNDERGROUND CABLE.

THE COMPONENTS REQUIRED FOR A LOOP (ALTERNATE) FEED NEW FARM SERVICES ARE:

- SPLICES AT TAKE-OFF LOCATION
- PRIMARY CABLE (TWO RUNS)
- PADMOUNTED TRANSFORMER AND ASSOCIATED ACCESSORIES
- METERING PEDESTAL (FARMS ONLY)

2. RURAL UNDERGROUND DISTRIBUTION (RUD) PROJECTS

ALL RUD PROJECTS WILL BE DESIGNED AS LOOP (ALTERNATE) FEED SYSTEMS. THEY WILL GENERALLY TAP OFF A THREE-PHASE OVERHEAD LINE AND WILL 'LOOP BACK' ONTO THE SAME THREE-PHASE OVERHEAD LINE.

EACH PROJECT WILL BE BASED ON THE FOLLOWING GENERAL GUIDELINES (FOR THE WHOLE LOOP):

- A MAXIMUM OF 40 CUSTOMERS
- A MAXIMUM TOTAL PEAK LOAD OF 400 KVA (27.8A @ 14.4KV)
- A MAXIMUM TOTAL CABLE LENGTH OF 40 MILES (64 KM) INCLUDING THE LENGTH OF ALL RADIAL TAPS WITHIN THE LOOP
- THE STANDARD ENGINEERING PRACTICE IS TO INSTALL A MAXIMUM OF 3 RURAL CUSTOMERS ON A RADIAL TAP WITHIN THE RUD LOOP. AFTER 3 CUSTOMERS, THE RADIAL TAP SHALL BE INTEGRATED INTO THE RUD LOOP.

THE COMPONENTS REQUIRED FOR A RURAL UNDERGROUND PROJECT ARE:

- TAKE-OFF STRUCTURES
- PRIMARY CABLE
- PADMOUNTED TRANSFORMERS AND ASSOCIATED ACCESSORIES
- SWITCHING CUBICLES (IF REQUIRED IN DESIGN)
- INDUCTIVE REACTORS
- METERING (EXISTING OR METERING PEDESTAL)

REFER TO THE RUD DESIGNERS HANDBOOK FOR FURTHER DESIGN DETAILS.

Si	ask Power -	DISTRIBUTIO	N STANDARDS		
APPROVAL	DESIGN CHK	DRN. ARU			
L. MOEN	A. UHREN	CHKD.	GENERAL	INFORMATION	
		2017-01-12			
DATE OF ISSUE:	2017/05/03	DRAWING NO: I	B-12-00	SHEET 1 of 2	REV. A

3. DESIGN COMPONENTS

THE DESIGN COMPONENTS FOR THE RUD SYSTEM ARE AS FOLLOWS:

- O/H TO U/G TAKE-OFF STRUCTURES SECTION B-12-XX
- UNDERGROUND PRIMARY CABLE SECTION B-26-XX
- PADMOUNTED TRANSFORMERS SECTION B-08-XX
- SWITCHING CUBICLES SECTION B-26-XX
- INDUCTIVE REACTORS SECTION B-26-XX
- METERING SECTION B-24-XX

4. CABLE LOCATION

CABLE ROUTES SHALL BE SELECTED TO OPTIMIZE CABLE REQUIREMENTS AND TO REDUCE THE NUMBER OF CABLE CROSSINGS REQUIRED.

DEVIATIONS FROM THE GUIDELINES RECOMMENDED BELOW MAY BE CONSIDERED TO ACCOMMODATE PHYSICAL AND TOPOGRAPHICAL FEATURES IN THE AREA.

UNDERGROUND POWER CABLE SHALL GENERALLY BE LOCATED PARALLEL TO ROAD ALLOWANCE CENTER LINES, SECTION LINES, AND QUARTER MILE LINES (IE. ON THE SQUARE) WHEREVER POSSIBLE.

WHERE PARALLELING A ROAD ALLOWANCE AND WHEREVER PRACTICAL (IE. NO PHYSICAL OBSTRUCTIONS), MAINTAIN A MINIMUM DISTANCE FROM THE ROAD ALLOWANCE CENTER LINE OF 50m (164'). IF DEVIATIONS FROM THE 50m DISTANCE ARE REQUIRED, MAKE SUCH DEVIATION IN INCREMENTS OF 5m (16.4') TO ALLOW FOR GOOD AS-BUILT DRAWINGS AND FUTURE CABLE/FAULT LOCATING.

WHERE PARALLELING A BOUNDARY LINE OTHER THAN A ROAD ALLOWANCE (IE. SECTION LINES, QUARTER MILE LINES), MAINTAIN A MINIMUM DISTANCE FROM BOUNDARY LINE OF 5m (16.4').

IF DEVIATIONS FROM THE 5m DISTANCE ARE REQUIRED, MAKE SUCH DEVIATION IN 5m INCREMENTS.

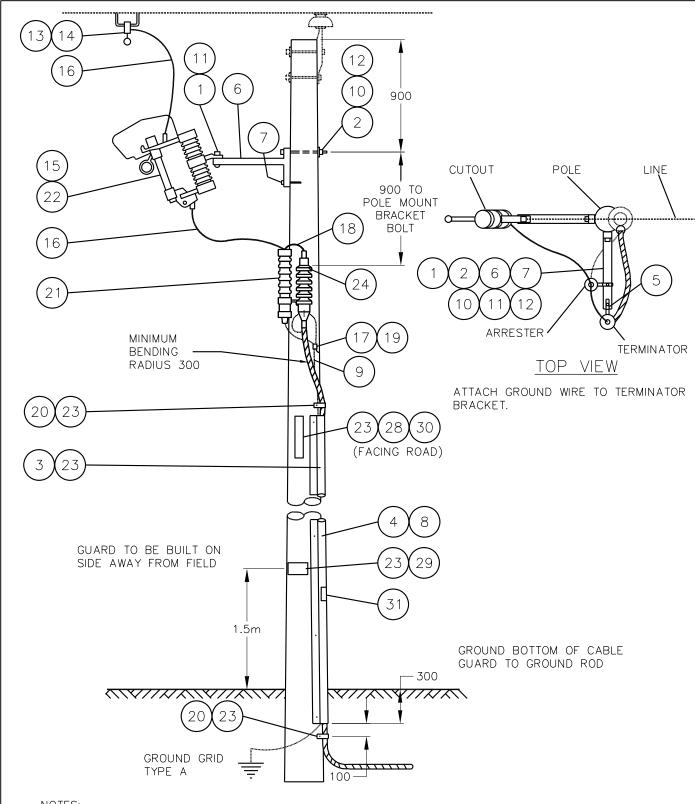
5. DEPTH OF COVER

MINIMUM REQUIRED DEPTH OF COVER OVER THE CABLE SHALL BE ONE METRE.

Si	ask Power -	DISTRIBUTIO	ON STAN	DARDS	
APPROVAL	DESIGN CHK	DRN. ARU			
L. MOEN	A. UHREN	CHKD.		GENERAL INFORMATION	
		2017-01-12			
DATE OF ISSUE:	2017/05/03	DRAWING NO:	B-12-00	SHEET 2 of 2 REV.	A

			BILI	OF MATERIA	L	
ITEM NO.	CODE NO.	QUANTIT	1		DESCRIPTION	
1	1 12 02	2 2	BOLT -	MACHINE - 1/2" 2	(2"	
2	1 13 12	2 2	BOLT -	MACHINE - 5/8"	(12"	
3	1 34 09	9 3	GUARD	- CABLE - PLAS	TIC – 2-1/2" X 8'	
4	1 34 11	1 1	GUARD	- CABLE - STEE	L – 2-1/2" X 8'	
5	1 35 XX	X 1	BRACKE	T - CABLE POSI	TIONER	
6	1 35 31	1 2	BRACKE	T – "T" FOR ARF	RESTORS & CUTOUTS	
7	1 78 12	2 2	SCREW	– LAG – 1/2" X 4-	1/2"	
8	1 78 38	6	SCREW	– LAG – 3/8" X 4'		
9	1 85 01	1 1/4 lb	STAPLE	- FENCE - 1-3/4	1	
10	1 93 27	7 2	WASHE	WASHER - DOUBLE COIL - 5/8"		
11	1 93 30	9 4	WASHE	R – ROUND – 9/16	5"	
12	1 93 42	2 2	WASHE	R – SQUARE – 2-	1/4" X 13/16" HOLE	
13	2 02 70) 1	CLAMP -	- LIVELINE		
14	2 02 82	2 1	CLAMP -	- BAIL - #6 TO 1/	0 ACSR	
15	2 12 62	2 1	СИТОИТ	- LOADBREAK	- 27 kV - 100 AMP (SEE NOTE 1)	
16	2 83 02	2 3 m	WIRE - 0	CU - #2 - 7 STR		
17	2 83 04	4 8 m	WIRE - 0	CU - #4 - 7 STR		
18	5 09 27	7 1	CONNEC	CTOR - COMPRE	SSION – AL	
19	5 12 06	6 1	CONNEC	CTOR - CU - 4C4		
20	5 46 18	3 2	LEAD ST	TRAP		
21	6 02 21	1 1	SURGE	ARRESTER - 21	kV (RURAL)	
22	7 38 XX	X 1	FUSE LI	NK – BUTTON HE	AD – TYPE "T"	
23	7 69 64	4 0.28	SCREWS	S – WOOD – #14 2	K 2-1/2" (100/BOX)	
24	8 35 36	6 1	TERMIN	ATOR – #2 AL		
25	71 35 0	0 1	CABLE	PREP KIT		
			MATERIA	AL LIST CONTINI	JED ON SHEET 3	
		Sask	Power -	DISTRIBUTION	I STANDARDS	
			ESIGN CHK	DRN. PP	SINGLE-PHASE	
	I I M	IOFN P	PATFI	CHKD IM	JINGLE-FILAGE	

Sask Power - Distribution Standards							
APPROVAL	DESIGN CHK	DRN. PP					
L MOEN	P PATEL	CHKD. LM		SINGLE-PHASE TAKE-OFF STRUCTURE			
		2022-01-07		TARE-OIT STRUCTURE			
DATE OF ISSUE:	2022-08-15	DRAWING NO:	B-12-10	SHEET 1 OF 3	REV. I		



1. STRUCTURE NOT TO BE PLACED ON POLE WITH TRANSFORMER.

2021-01-20

- 2. TRENCH FOR CABLE TAKE-OFF TO BE IN LINE WITH OH CIRCUIT FOR AT LEAST FOUR (4) METERS TO HELP AVOID POLE LEAN DUE TO TRENCH BACKFILL.
- 3. REFER TO B-12-38 FOR TERMINATION DETAILS.

DATE OF ISSUE

4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

SCALE: N.T.S.

SaskPower - DISTRIBUTION STANDARDS

APPROVAL
L.MOEN
DESIGN CHK.
O.FRANCIS
CHKD.
DRN.D.REDEKOPP
TAKE-OFF STRUCTURE
2020-08-19

DRAWING NO. B-12-10

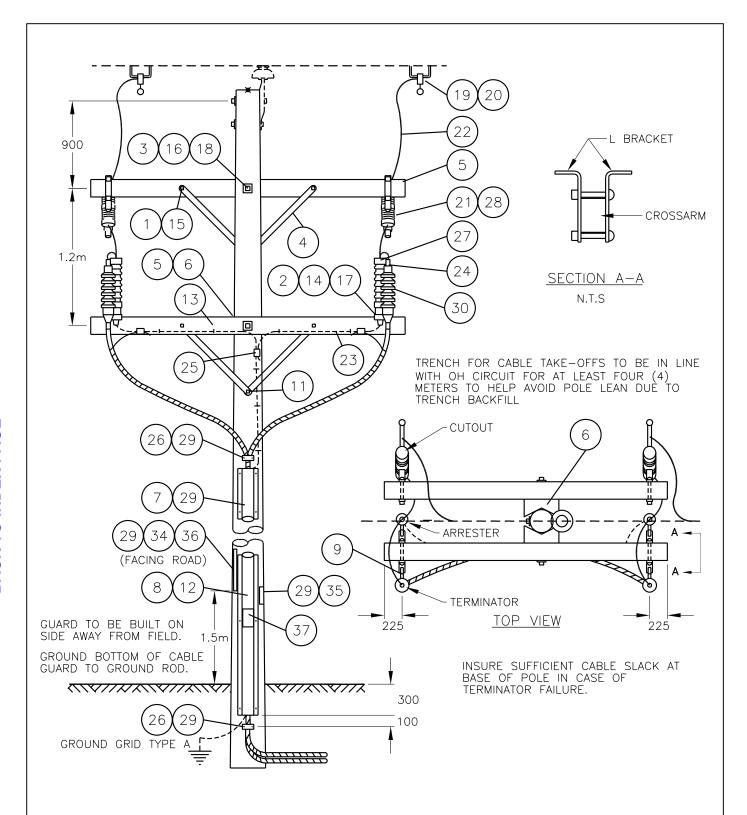
REV. G

SHEET 2 of 3

			BIL	L OF MATER	IAL		
ITEM NO.	CODE QUANTITY				DESCRIPTION		
26	05 385 151	-	TAG HO	LDER – ALUMII	NUM – FOR 10 – 1	" TAGS (SEE NOTE	≣ 3)
27	05 385 20X	-	TAG - N	IUMBER – YELL	OW (SEE NOTE 3))	
27	05 385 209	-	TAG - D	ASH - YELLOV	V (SEE NOTE 3)		
27	05 385 25X	-	TAG – L	ETTER - YELLO	OW (SEE NOTE 3)		
28	05 638 32X	5	DECAL -	– NUMBER – BI	_ACK – 1-1/2" (SEI	E NOTE 2)	
28	05 638 329	1	DECAL -	– DASH – BLAC	K – 1-1/2" (SEE N	OTE 2)	
28	05 638 4XX	3	DECAL -	– LETTER – BL	ACK – 1-1/2" (SEE	NOTE 2)	
29	05 640 000	1		DANGER – HIGH			
30	05 640 006	1			ECTIVE - 3" X 18"	(SEE NOTE 2)	
31	05 646 582	1	DECAL -	- WATCH FOR	WIRES		
		Sask	TO 2 CON MAT SUR RES 2. REF MOU THIS 3. WHE USEI A-30- APPI	DBREAK CUTO //O CU (STOCK O INECTORS, TEF CH THE UNDEF GE ARRESTOR TRICTIONS. ER TO A-30-05 JINTING DETAIL S OPTION. N SPACE IS AN D INSTEAD OF -05 FOR MOUNT LICABLE STOCK	CODE 28320). HOVERMINATOR SIZE & REGROUND CABLE MUST REMAIN #2 FOR APPLICABLE S. CONFIGURATOR I ISSUE THIS TAGETHE REFLECTIVE TING DETAILS & B	RISER AMPACITY THE RISER TO THE COUNTY TO SIZE STOCK CODES & OR DEFAULTS TO HOLDER MAY BE SIGN. REFER TO	MUST HE
	APPROVA		IGN CHK	DRN. PP			
	L MOEN	_	ATEL	CHKD. LM		NGLE-PHASE OFF STRUCTURE	
				2022-01-07			
	DATE OF I	SSUE: 2022	2-08-15	DRAWING NO:	B-12-10	SHEET 3 OF 3	REV. B

			BILL OF MATERIAL				
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION				
1	1 08 38	4	BOLT – CARRIAGE – 3/8" X 4-1/2"				
2	1 12 02	4	BOLT – MACHINE – 1/2" X 2"				
3	1 13 18	2	BOLT - MACHINE - 5/8" X 18"				
4	1 19 32	4	BRACE - CROSSARM - FLAT - 32"				
5	1 29 10	2	CROSSARM - 4" X 5" X 10'				
6	1 32 86	2	POLE GAIN – WOOD				
7	1 34 09	3	GUARD - CABLE - PLASTIC - 2-1/2" X 8'				
8	1 34 11	1	GUARD - CABLE - STEEL - 2-1/2" X 8'				
9	1 35 XX	2	BRACKET – CABLE POSITIONER				
10	1 35 32	4	BRACKET - CROSSARM				
11	1 78 12	2	SCREW - LAG - 1/2" X 4-1/2"				
12	1 78 38	6	SCREW - LAG - 3/8" X 4"				
13	1 85 01	1/4 lb	STAPLE - FENCE - 1-3/4"				
14	1 93 22	4	WASHER - LOCK - 1/2"				
15	1 93 25	4	WASHER - LOCK - DOUBLE COIL - 3/8"				
16	1 93 27	2	WASHER - LOCK - DOUBLE COIL - 5/8"				
17	1 93 30	4	WASHER - ROUND - 9/16"				
18	1 93 42	4	WASHER - SQUARE - 2-1/4" X 13/16" HOLE				
19	2 02 82	2	CLAMP - BAIL - #6 TO 1/0 ACSR				
20	2 02 70	2	CLAMP – LIVELINE				
21	2 12 62	2	CUTOUT - LOADBREAK - 27 kV - 100 A (SEE NOTE 1)				
22	2 83 02	6 m	WIRE – CU – #2 – 7 STR				
23	2 83 04	9 m	WIRE – CU – #4 – 7 STR				
24	5 09 27	2	CONNECTOR - AL - CRIMPIT - #3-1/0 TO #6-#2				
25	5 12 06	3	CONNECTOR – CU – 4C4				
26	5 46 18	2	LEAD STRAP				
27	6 02 21	2	ARRESTER SURGE – 21 kV (RURAL)				
28	7 38 XX	2	FUSE LINK – BUTTON HEAD – TYPE "T"				
29	7 69 64	0.32	SCREWS - WOOD - #14 X 2-1/2" (100/BOX)				
			MATERIAL LIST CONTINUED ON SHEET 3				
		Sask F	Power - DISTRIBUTION STANDARDS				
	APPROVA	AL DES	SIGN CHK DRN. PP SINGLE-PHASE				

Sa	isk Power -	DISTRIBUTIO	ON STAN	DARDS	
APPROVAL	DESIGN CHK	DRN. PP		SINGLE-PHASE	
L MOEN	P PATEL	CHKD. LM		DOUBLE	
		2022-01-07		TAKE-OFF STRUCTURE	
DATE OF ISSUE:	2022-08-15	DRAWING NO:	B-12-11	SHEET 1 OF 3	REV. I



- 1. FOR DEADEND STRUCTURE, TURN CUTOUT AND TERMINATOR ARMS 90°, SO THAT THE TERMINATOR CROSSARM IS UNDER THE GUY WIRE.
- 2. ARRESTERS ARE SHOWN OFFSET FOR CLARITY, REFER TO TOP VIEW FOR CORRECT ARRESTER LOCATION.
- 3. REFER TO B-12-38 FOR TERMINATION DETAILS.
- 4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

SCALE: N.T.S.						B12_11_02
		Sask Powe	r - DISTRIBU	TION STAN	IDARDS	
	APPROVAL	DESIGN CHK.	DRN.D.REDEKOPP		SINGLE-PHASE	
	L.MOEN	O.FRANCIS	CHKD.		DOUBLE	
			2020-08-25		TAKE-OFF STRUCT	URE
	DATE OF ISSUE	2021-01-20	DRAWING NO. F	8-12-11	SHEET 2 of 3	REV. G

	BIL			L OF MATER	RIAL
ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION
30	8 35 36	2	TERMIN	ATOR – #2 AL	
31	71 35 00	2	CABLE	PREP KIT	
32	05 385 151	-	TAG HO	LDER – ALUMI	INUM - FOR 10 - 1" TAGS (SEE NOTE 3)
33	05 385 20X	-	TAG - N	IUMBER – YELL	LOW (SEE NOTE 3)
33	05 385 209	-	TAG - D	ASH - YELLOV	W (SEE NOTE 3)
33	05 385 25X	-	TAG - L	ETTER - YELLO	OW (SEE NOTE 3)
34	05 638 32X	3	DECAL	– NUMBER – BI	BLACK – 1-1/2" (SEE NOTE 2)
34	05 638 329	1	DECAL	– DASH – BLAC	CK – 1-1/2" (SEE NOTE 2)
34	05 638 4XX	5	DECAL	– LETTER – BL	LACK – 1-1/2" (SEE NOTE 2)
35	05 640 000	2	SIGN - I	DANGER – HIGI	SH VOLTAGE
36	05 640 006	1	SIGN - I	BLANK – REFLI	LECTIVE - 3" X 18" (SEE NOTE 2)
37	05 646 582	1	DECAL	- WATCH FOR	WIRES
		Saski	TO 2 CON MAT SUR RES 2. REF MOU THIS 3. WHE USEI A-30 APPI	DBREAK CUTO OF COMMENT OF THE UNDER TRICTIONS. ER TO A-30-05 JINTING DETAIL OF OPTION. IN SPACE IS AND INSTEAD OF THE UNDER OF THE UNDER TO A-30-05 JINTING DETAIL OF THE UNDER TO A-30-05 TRICTIONS.	OUT IS CAPABLE OF ACCOMMODATING UP CODE 28320). HOWEVER, THE ERMINATOR SIZE & RISER AMPACITY MUST ERGROUND CABLE. THE RISER TO THE R MUST REMAIN #2 CU DUE TO SIZE FOR APPLICABLE STOCK CODES & LS. CONFIGURATOR DEFAULTS TO N ISSUE THIS TAG HOLDER MAY BE THE REFLECTIVE SIGN. REFER TO NTING DETAILS & B-30-26 FOR CK CODES. ON STANDARDS
	APPROVA		IGN CHK	DRN. PP	SINGLE-PHASE
	L MOEN	PP	ATEL	CHKD. LM	DOUBLE
	DATE OF ISSUE: 2022 (2022-01-07	TAKE-OFF STRUCTURE

DRAWING NO: **B-12-11**

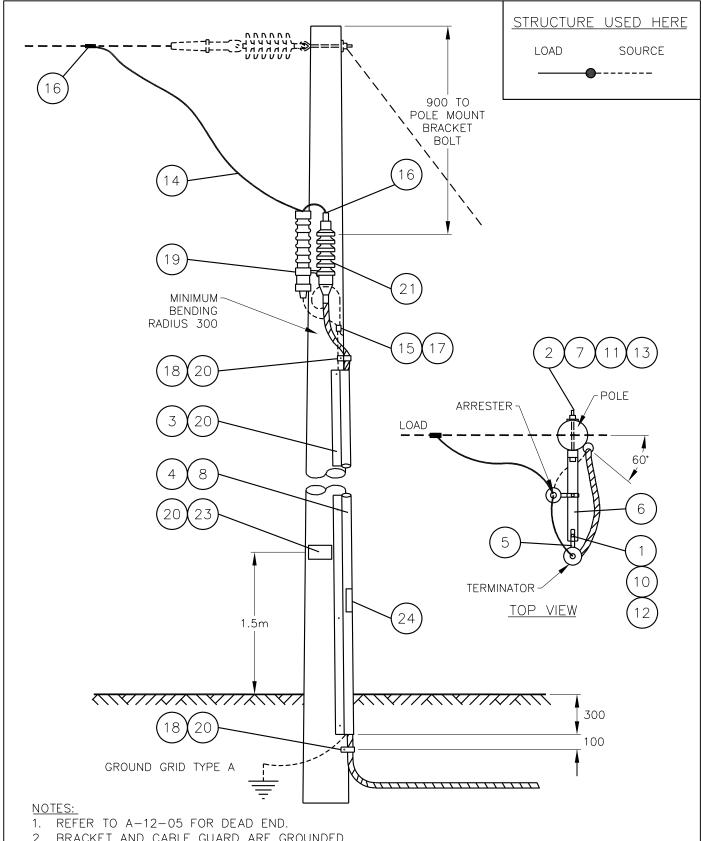
SHEET 3 OF 3

REV. **B**

DATE OF ISSUE: 2022-08-15

			BILL OF MATERIAL				
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION				
1	1 12 02	2	BOLT - MACHINE - 1/2" X 2"				
2	1 13 12	1	BOLT - MACHINE - 5/8" X 12"				
3	1 34 09	3	GUARD – CABLE – PLASTIC – 2-1/2" X 8'				
4	1 34 11	1	GUARD - CABLE - STEEL - 2-1/2" X 8'				
5	1 35 XX	1	BRACKET – CABLE POSITIONER				
6	1 35 31	1	BRACKET – "T" FOR ARRESTORS & CUTOUTS				
7	1 78 12	1	SCREW - LAG - 1/2" X 4-1/2"				
8	1 78 38	6	SCREW - LAG - 3/8" X 4"				
9	1 85 01	1/4 lb	STAPLE - FENCE - 1-3/4"				
10	1 93 22	2	WASHER - LOCK - 1/2"				
11	1 93 27	1	WASHER - LOCK - 5/8"				
12	1 93 30	2	WASHER - ROUND - 9/16"				
13	1 93 42	1	WASHER - SQUARE - 2-1/4" X 2-1/4" X 13/16" HOLE				
14	2 83 02	3 m	WIRE - CU - #2/7 STR				
15	2 83 04	8 m	WIRE - CU - #4/7 STR				
16	5 09 27	2	CONNECTOR - AL - CRIMPIT - #3-1/0 TO #6-#2				
17	5 12 06	1	CONNECTOR – CU – 4C4				
18	5 46 18	2	LEAD STRAP				
19	6 02 21	1	SURGE ARRESTER – 21 (RURAL)				
20	7 69 64	0.26	SCREW - WOOD - #14 X 2-1/2" (100/BOX)				
21	8 35 36	1	TERMINATOR – #2 AL				
22	71 35 00	1	CABLE PREP KIT				
23	05 640 000	1	SIGN – DANGER "HIGH VOLTAGE"				
24	05 646 582	1	DECAL – WATCH FOR WIRES				
		Sask	DOWER - DISTRIBUTION STANDARDS				
	SaskPower - DISTRIBUTION STANDARDS						

Sa	isk Power -	DISTRIBUTIO	N STANDAR	DS	
APPROVAL	DESIGN CHK	DRN. OFF	DEVEDOE EDOM IVO TO		
L MOEN O FRANCIS		CHKD. LM	REVERSE FROM U/G TO O/H TAKE-OFF ON RADIAL		
		2020-11-30	O/H TAKE-OFF ON RADIAL		
DATE OF ISSUE:	2021-01-20	DRAWING NO:	B-12-12	SHEET 1 OF 2 REV. F	

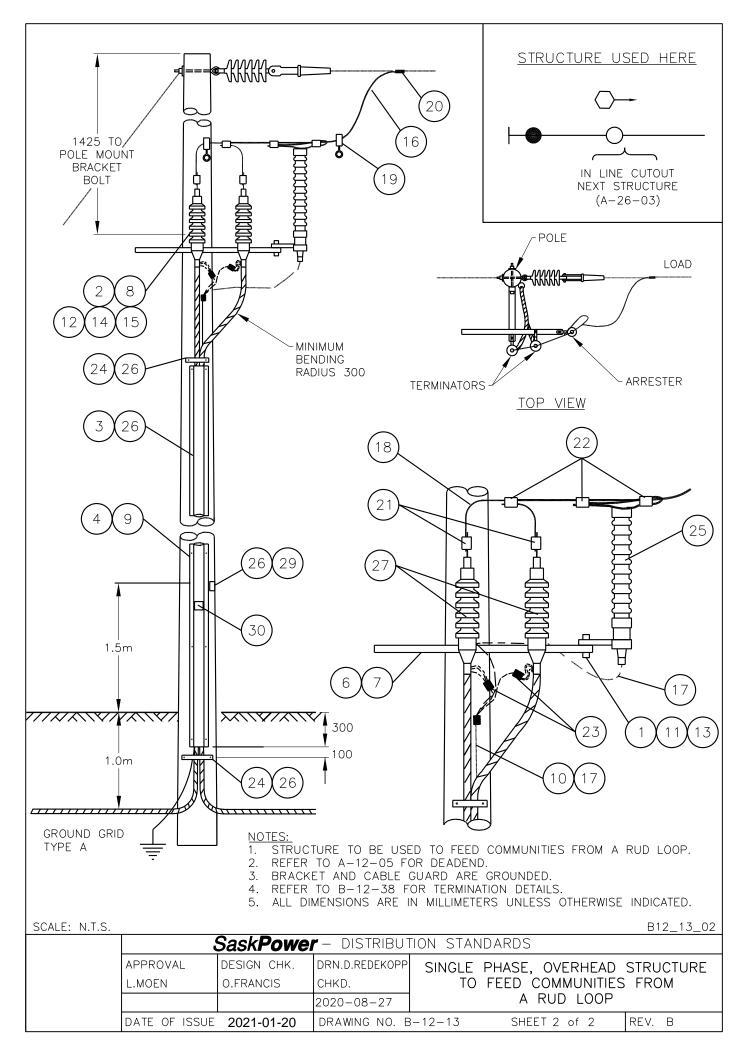


- 2. BRACKET AND CABLE GUARD ARE GROUNDED.
- 3. STRUCTURE NOT TO BE PLACED ON POLE WITH TRANSFORMER.
- 4. REFER TO B-12-38 FOR TERMINATION DETAILS.
- 5. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

SCALE: N.T.S. B12_12_02 **SaskPower** - DISTRIBUTION STANDARDS **APPROVAL** DESIGN CHK. DRN.D.REDEKOPP REVERSE FROM U/G TO O/H O.FRANCIS TAKE-OFF ON RADIAL L.MOEN CHKD. 2020-08-26 DATE OF ISSUE 2021-01-20 DRAWING NO. B-12-12 REV. E SHEET 2 of 2

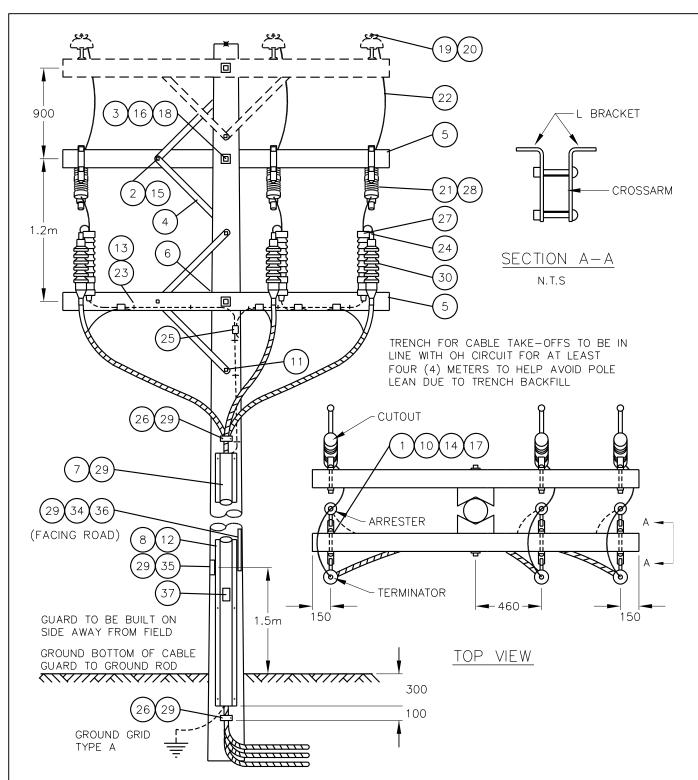
			BILL OF MATERIAL			
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION			
1	1 12 02	3	BOLT – MACHINE – 1/2" X 2"			
2	1 13 12	1	BOLT - MACHINE - 5/8" X 12"			
3	1 34 09	3	GUARD - CABLE - PLASTIC - 2-1/2" X 8'			
4	1 34 11	1	CABLE - GUARD - STEEL - 2-1/2" X 8'			
5	1 35 XX	2	BRACKET – CABLE POSITIONER			
6	1 35 33	1	BRACKET – RUD FOR ARRESTOR, CUTOUT & TERMINATOR			
7	1 35 35	1	BRACKET – INSULATING GUARD			
8	1 78 12	1	SCREW - LAG - 1/2" X 4-1/2"			
9	1 78 38	6	SCREW - LAG - 3/8" X 4"			
10	1 85 01	1/4 lb	STAPLE – FENCE – 1-3/4"			
11	1 93 22	3	WASHER – LOCK – 1/2"			
12	1 93 27	1	WASHER – LOCK – DOUBLE COIL – 5/8"			
13	1 93 30	2	WASHER - ROUND - 1-3/8" X 9/16" HOLE			
14	1 93 33	2	WASHER - ROUND - 1-3/4" X 11/16" HOLE			
15	1 93 42	1	WASHER - SQUARE - 2-1/4" X 2-1/4" X 13/16" HOLE			
16	2 83 02	2 m	WIRE - CU - #2/7 STR			
17	2 83 04	4 m	WIRE - CU - #4/7 STR			
18	2 84 02	1 m	WIRE – CU – #2 SOLID			
19	5 06 97	2	FAULT INDICATOR – LOGIC CONTROLLED 4 STEP			
20	5 09 27	1	CONNECTOR - AL - CRIMPIT - #3-1/0 TO #6-#2			
21	5 11 15	2	INSULINK – ORANGE/ORANGE			
22	5 12 01	3	CONNECTOR – CU – 2C2			
23	5 12 08	2	CONNECTOR – CU – 2C4			
24	5 46 18	2	LEAD STRAP			
25	6 02 21	1	ARRESTER SURGE – 21 kV (RURAL)			
26	7 69 64	0.26	SCREW - WOOD - #14" X 2-1/2" (100/BOX)			
27	8 35 36	2	TERMINATOR – #2 AL			
28	71 35 00	2	CABLE PREP KIT			
29	05 640 000	1	SIGN – DANGER HIGH VOLTAGE			
30	05 641 535	1	DECAL – DANGER UNDERGROUND CABLE			
		 Sask P	Power - DISTRIBUTION STANDARDS			

Sa	ask Power -	DISTRIBUTIO	ON STANDARDS		
APPROVAL	DESIGN CHK	DRN. OFF	SINGLE-PHASE, OVERHEAD STRUCTURI		
L MOEN	O FRANCIS	CHKD. LM	TO FEED COMMUNITIES FROM A RUD LOOP		
		2020-12-02			
DATE OF ISSUE:	2021-01-20	DRAWING NO:	B-12-13 SHEET 1 OF 2 REV.	D	



			BILL OF MATERIAL		
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION		
1	1 12 02	6	BOLT – MACHINE – 1/2" X 2"		
2	1 08 38	2	BOLT – CARRIAGE – 3/8" X 4-1/2"		
3	1 13 18	2	BOLT – MACHINE – 5/8" X 18"		
4	1 19 32	4	BRACE - CROSSARM - FLAT - 32"		
5	1 29 10	2	CROSSARM - 4" X 5" X 10'		
6	1 32 86	2	POLE GAIN – WOOD		
7	1 34 08	3	GUARD - CABLE - PLASTIC - 4" X 8'		
8	1 34 10	1	GUARD - CABLE - STEEL - 4" X 8'		
9	135 XX	3	BRACKET – CABLE POSITIONER		
10	1 35 32	6	BRACKET - CROSSARM		
11	1 78 12	4	SCREW - LAG - 1/2" X 4-1/2"		
12	1 78 38	6	SCREW - LAG - 3/8" X 4"		
13	1 85 01	1/4 lb	STAPLE - FENCE - 1-3/4"		
14	1 93 22	6	WASHER - LOCK - 1/2"		
15	1 93 25	2	WASHER - LOCK - DOUBLE COIL - 3/8"		
16	1 93 27	2	WASHER - LOCK - DOUBLE COIL - 5/8"		
17	1 93 30	6	WASHER - ROUND - 9/16" HOLE		
18	1 93 42	2	WASHER - SQUARE - 2-1/4" X 13/16" HOLE		
19	2 02 82	3	CLAMP - BAIL - #6 TO 1/0 ACSR		
20	2 02 70	3	CLAMP - LIVELINE		
21	2 12 62	3	CUTOUT - LOADBREAK - 27 kV - 100 A (SEE NOTE 1)		
22	2 83 02	9 m	WIRE - CU - #2 - 7 STR		
23	2 83 04	11 m	WIRE - CU - #4 - 7 STR		
24	5 09 27	3	CONNECTOR - AL - CRIMPIT - #3-1/0 TO #6-#2		
25	5 12 06	6	CONNECTOR – CU – 4C4		
26	5 46 18	2	LEAD STRAP		
27	6 02 21	3	SURGE ARRESTER – 21 kV (RURAL)		
28	7 38 XX	3	FUSE LINK – BUTTON HEAD – TYPE "T"		
29	7 69 64	0.30	SCREWS - WOOD - #14 X 2" HEX HEAD (100/BOX)		
30	8 35 XX	3	TERMINATOR - CABLE		
31	71 35 00	2	CABLE PREP KIT		
			MATERIAL LIST CONTINUED ON SHEET 3		
	<u> </u>	Sask	Power - DISTRIBUTION STANDARDS		
	APPROVA	AL DES	IGN CHK DRN. PP		
	L MOEN	P P	ATEL CHKD. LM THREE-PHASE TAKE-OFF STRUCTURE		
			2022-01-07		

	Sask Power - Distribution Standards								
APPRO	OVAL	DESIGN CHK	DRN. PP	TUDEE 2014.05					
L MO	L MOEN P PATEL		CHKD. LM	THREE-PHASE TAKE-OFF STRUCTURE					
			2022-01-07	TAKE-OFF STRUCTURE					
DATE	OF ISSUE:	2022-08-15	DRAWING NO:	B-12-15	SHEET 1 OF 3	REV. I			



- 1. FOR FEEDER DIPS USE DRAWING B-14-16.
- 2. FOR DEADEND STRUCTURE, THE TERMINATOR CROSSARM IS UNDER THE GUY WIRE.
- 3. ARRESTERS ARE SHOWN OFFSET FOR CLARITY, REFER TO TOP VIEW FOR CORRECT ARRESTER LOCATION.
- 4. FRAMING ON A NEW STRUCTURE, THE PREFERRED LOCATION FOR THE ARRESTER ARM IS UNDER THE CONDUCTOR ARM. THE ARRESTER ARM AND TERMINATOR ARM MAY BE TURNED 90° FOR CORRECT PHASING.
- 5. REFER TO B-12-38 FOR TERMINATION DETAILS.
- 6. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

L	SCALE: N.T.S	5.					B12_15_02	
	SaskPower - distribution standards							
		APPROVAL	DESIGN CHK.	DRN.D.REDEKOPP	DRN.D.REDEKOPP THREE-PHASE			
		L.MOEN	O.FRANCIS	CHKD.	TAKE-OFF STRUCTURE			
				2020-08-27				
		DATE OF ISSUE 2021-01-20		DRAWING NO. B	-12-15	SHEET 2 of 3	REV. G	

				BIL	L OF MATERI	IAL			
ITEM NO.	CO N(DE O.	QUANTITY		DESCRIPTION				
32	05 38		-	TAG HO	TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS (SEE NOTE 3)				
33	05 38	5 20X	-	TAG - N	TAG – NUMBER – YELLOW (SEE NOTE 3)				
33	05 38	5 209	-	TAG - D	ASH - YELLOW	N (SEE NOTE 3)			
33	05 38	5 25X	-	TAG – L	ETTER - YELLO	OW (SEE NOTE 3)			
34	05 63	8 32X	5	DECAL -	– NUMBER – BL	LACK – 1-1/2" (EE NOTE 2)			
34	05 63	8 329	1	DECAL -	– DASH – BLAC	CK – 1-1/2" (SEE NOTE 2)			
34	05 638	8 4XX	3	DECAL -	– LETTER – BL	ACK – 1-1/2" (SEE NOTE 2)			
35	05 64	0 000	1	SIGN - I	DANGER – HIGH	H VOLTAGE			
36	05 64	0 006	1	SIGN - I	BLANK – REFLE	ECTIVE - 3" X 18" (SEE NOTE 2)			
37	05 64	6 582	1	DECAL -	- WATCH FOR	WIRES			
				TO 2 CON MAT SUR RES 2. REF MOU THIS 3. WHE USEI A-30-	DBREAK CUTO /O CU (STOCK O INECTORS, TER CH THE UNDER GE ARRESTOR TRICTIONS. ER TO A-30-05 I JINTING DETAIL G OPTION. N SPACE IS AN D INSTEAD OF T	OUT IS CAPABLE OF ACCOMMODATING UP CODE 28320). HOWEVER, THE RMINATOR SIZE & RISER AMPACITY MUST RGROUND CABLE. THE RISER TO THE R MUST REMAIN #2 CU DUE TO SIZE FOR APPLICABLE STOCK CODES & LS. CONFIGURATOR DEFAULTS TO ISSUE THIS TAG HOLDER MAY BE THE REFLECTIVE SIGN. REFER TO TING DETAILS & B-30-26 FOR SK CODES.			
			Sould	Power	DICTRICUTO				
	Δ	APPROVAI	-		1	ON STANDARDS			
		APPROVAI L Moen	_ DES	Power -	DISTRIBUTION DRN. PP	ON STANDARDS THREE-PHASE TAKE-OFF STRUCTURE			

DRAWING NO:

B-12-15

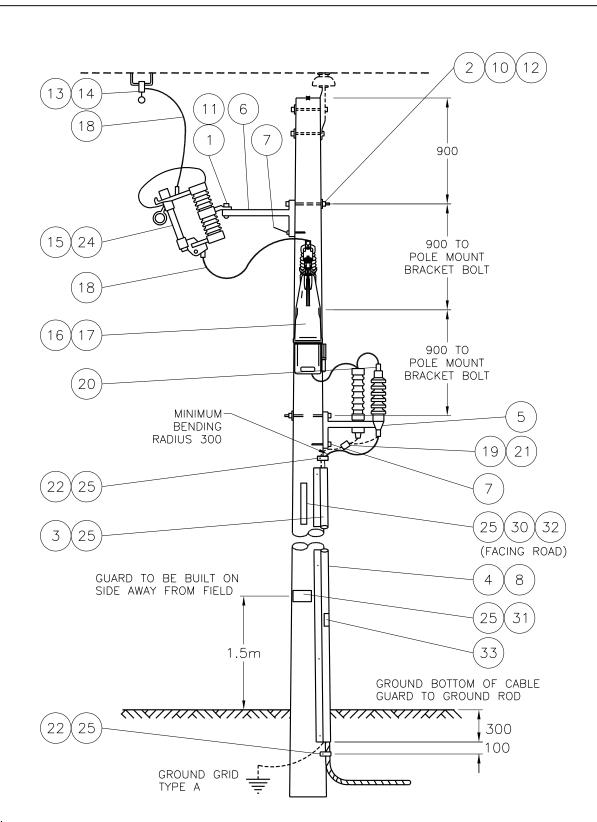
SHEET 3 OF 3

REV. **B**

DATE OF ISSUE:

2022-08-15

			BIL	L OF MATERI	IAL	
ITEM NO.	CODE NO.	QUANTITY		DESCRIPTION		
1	1 12 02	3	BOLT -	BOLT – MACHINE – 1/2" X 2"		
2	1 13 12	3	BOLT -	BOLT – MACHINE – 5/8" X 12"		
3	1 34 09	3	GUARD	- CABLE - PLA	ASTIC - 2-1/2" X 8'	
4	1 34 11	1	GUARD	- CABLE - STE	EEL – 2-1/2" X 8'	
5	1 35 XX	1	BRACK	ET – CABLE PO	SITIONER	
6	1 35 31	3	BRACK	ET - "T" FOR AI	RRESTORS & CUTOUTS	
7	1 78 12	3	SCREW	– LAG – 1/2" X	4-1/2"	
8	1 78 38	6	SCREW	– LAG – 3/8" X	4"	
9	1 85 01	1/4 lb	STAPLE	- FENCE - 1-3	/4"	
10	1 93 27	3	WASHE	R – DOUBLE CO	OIL - 5/8"	
11	1 93 30	6	WASHE	R – ROUND – 9/	/16"	
12	1 93 42	3	WASHE	R – SQUARE – 2	2-1/4" X 2-1/4" X 13/16" HOLE	
13	2 02 70	1	CLAMP	– LIVELINE		
14	2 02 82	1	CLAMP	- BAIL - #6-1/0	ASCR	
15	2 12 62	1	CUTOUT	Γ – LOADBREAI	K – 27 kV – 100 AMP	
16	2 12 67	1	CUTOU	Γ – NON-LOADE	BREAK – 27 kV – 100 AMP	
17	2 44 50	1	RECLOS	SER – TRIPSAVI	ER II	
18	2 83 02	5 m	WIRE -	CU – #2/7 STR		
19	2 83 04	8 m	WIRE -	CU – #4/7 STR		
20	5 09 27	1	CONNE	CTOR - COMPR	RESSION - AL	
21	5 12 06	1	CONNE	CTOR - CU - 40	C4	
22	5 46 18	2	LEAD S			
23	6 02 21	1		ARRESTER – 2	1 kV (RURAL)	
24	7 38 98	1		NK – 200 AMP		
25	7 69 64	0.28			X 2-1/2" (100/BOX)	
26	8 35 36	1		ATOR – #2 AL		
27	71 35 00	1	CABLE	PREP KIT		
			MATERIAL LIST CONTINUED ON SHEET 3			
SaskPower - DISTRIBUTION STANDARDS						
	APPROVAL	l	GN CHK	DRN. OFF	SINGLE-PHASE TRIPSAVER II	
	L MOEN	O. FI	RANCIS	2020-12-03	TAKE-OFF STRUCTURE	
	DATE OF IS	SSUE: 202	1-01-20	DRAWING NO:	B-12-16 SHEET 1 OF 3 REV. A	



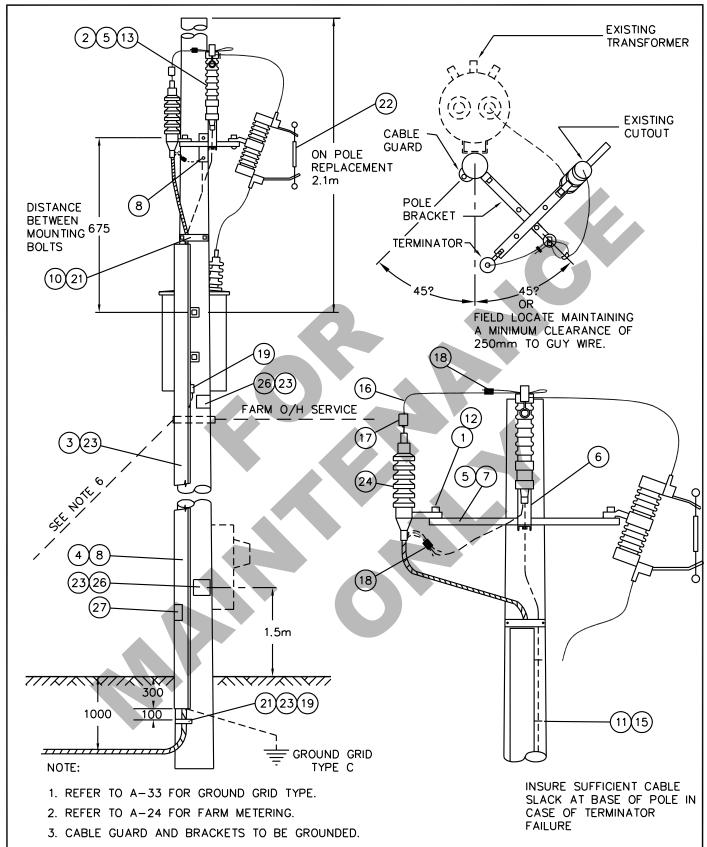
- STRUCTURE NOT TO BE PLACED ON POLE WITH TRANSFORMER.
- TRENCH FOR CABLE TAKE-OFF TO BE IN LINE WITH OH CIRCUIT FOR AT LEAST FOUR (4) METERS 2. TO HELP AVOID POLE LEAN DUE TO TRENCH BACKFILL. REFER TO B-12-38 FOR TERMINATION DETAILS.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED. 4.

SCALE: N.T.S.

<u> </u>									
	SaskPower - distribution standards								
	APPROVAL	DESIGN CHK.	DRN.D.REDEKOPP	SINGLE-PHASE					
	L.MOEN	L.MOEN	CHKD.	TRIPSAVER II					
			2021-01-06	TAKE-OFF STRUCTURE					
	DATE OF ISSUE 2021-01-20		DRAWING NO. B	B-12-16 SHEET 2 of 3 REV. B					

			BILI	L OF MATER	AL			
ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION			
28	05 385 151	-	TAG HO	LDER – ALUMII	NUM – FOR 10 – 1	" TAGS – SEE NOT	E 2	
29	05 385 20X	-	TAG - N	UMBER – YELL	OW - SEE NOTE	2		
29	05 385 209	-	TAG – D	ASH - YELLOV	V – SEE NOTE 2			
29	05 385 25X	-	TAG – L	TAG – LETTER – YELLOW – SEE NOTE 2				
30	05 638 32X	3	DECAL -	– NUMBER – BI	_ACK - 1-1/2" - SE	E NOTE 1		
30	05 638 329	1	DECAL -	– DASH – BLAC	K – 1-1/2" – SEE N	NOTE 1		
30	05 638 4XX	5			ACK – 1-1/2" – SEI	E NOTE 1		
31	05 640 000	2		DANGER – HIGH				
32 33	05 640 006 05 646 582	1				- SEE NOTE 1		
			SIGN – BLANK – REFLECTIVE – 3" X 18" – SEE NOTE 1 DECAL – WATCH FOR WIRES NOTES: 1. REFER TO A-30-05 FOR APPLICABLE STOCK CODES & MOUNTING DETAILS. CONFIGURATOR DEFAULTS TO THIS OPTION. 2. 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.					
		Sock	Power .	DIOTDIDLITIC	ON CTANDADDO			
	APPROVA		OWE -	DISTRIBUTION DRN. OFF	ON STANDARDS			
	L MOEN		GN CHK RANCIS	CHKD. LM		HASE TRIPSAVER	e II	
	- MOEN	- 011		2020-12-02	TAKE-	OFF STRUCTURE		
	DATE OF	ISSUE: 202	1-01-20	DRAWING NO:	B-12-16	SHEET 3 OF 3	REV. A	

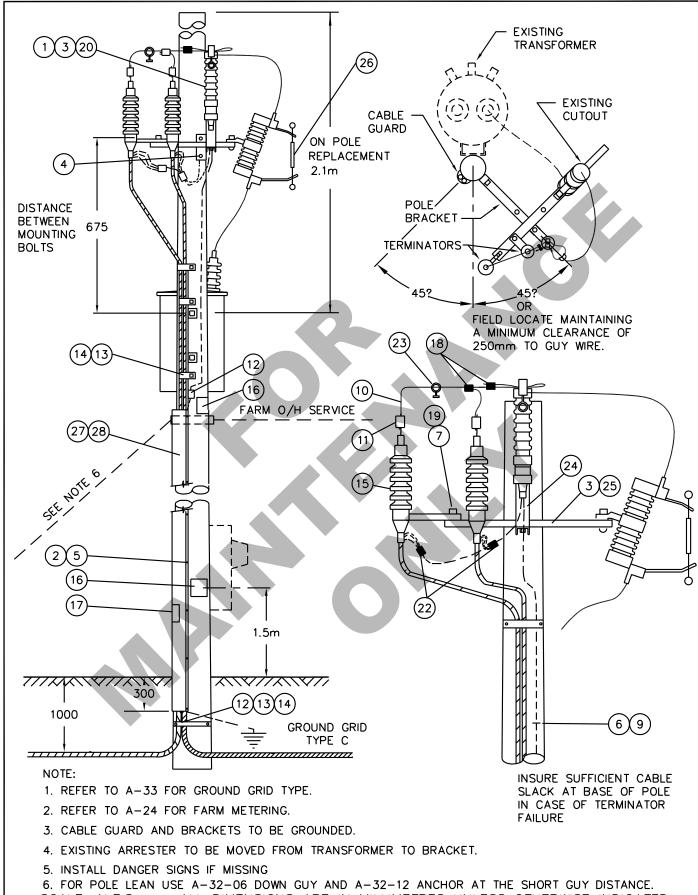
	BILL OF MATERIAL						
ITEM NO.	CODE NO.	QUANTITY		DESCRIPTION			
1	1 12 02	1	BOLT -	BOLT – MACHINE – 1/2" X 2"			
2	1 13 12	1	BOLT -	MACHINE - 5/8	" X 12"		
3	1 34 09	3	GUARD	- CABLE - PLA	ASTIC - 2-1/2" X 8'		
4	1 34 11	1	GUARD	- CABLE - STE	EEL – 2-1/2" X 8'		
5	1 35 33	1	BRACKI	ET – RUD FOR A	ARRESTOR, CUTOUT & TERMINATOR		
6	1 35 34	0		ET – CLEARAN			
7	1 35 35	1		ET – INSULATIN			
8	1 78 12	1		– LAG – 1/2" X			
9	1 78 38	10		– LAG – 3/8" X			
10	1 85 01	1/4 lb		- FENCE - 1-3			
11	1 93 30	1		R – ROUND – 9/			
12	1 93 33	2		R – ROUND – 1			
13	1 93 42	1			2-1/4" X 13/16" HOLE		
14	2 83 04	3 m		CU - #4 - 7 STR			
15	2 84 02	1 m		CU – #2 SOLID	•		
16	5 11 15	1		IK – ORANGE/O	RANGE		
17	5 12 01	1		CTOR - CU - 20			
18	5 12 06	2		CTOR - CU - 40			
19	5 12 08	1		CTOR - CU - 20			
20	5 46 18	1	STRAP -		•		
21	7 37 06	X		NK – TRIP-O-LI	NK – 6A		
22	7 38 06	Х			HEAD – TYPE "T" – 6A		
23	7 69 64	0.30	SCREW	S – WOOD – #1	4 X 2-1/2" (100/BOX)		
24	8 35 36	1		ATOR – #2 AL	,		
25	71 35 00	1	CABLE	PREP KIT			
26	05 640 000	2	SIGN - I	DANGER – HIGH	H VOLTAGE		
27	05 641 535	1	DECAL -	- DANGER - UN	NDERGROUND CABLE		
1.			2. 1	NOTE: 1. RE-USE THE FOLLOWING: 2 12 XX CUTOUT, 6 02 XX ARRESTER, 2 83 02 #2 CU RISER, 2 02 71 LIVELINE CLAMP. 2. IF REQUIRED, USE THE FOLLOWING: 2 12 20 OR 2 12 67 CUTOUT AS REQ'D, 6 02 21 ARRESTER			
		Social					
	APPROVA	1		ı	ON STANDARDS		
	L MOEN		SIGN CHK	DRN. PP CHKD. LM	SINGLE-PHASE, RADIAL FEED CABLE STRUCTURE WITH EXISTING		
	LIVIOLIN		/31 66	2022-01-07	POLE-MOUNTED TRANSFORMER		
	DATE OF I	SSUE: 202 :	2-08-15	DRAWING NO:	B-12-20 SHEET 1 OF 2 REV. I		



- 4. EXISTING ARRESTER TO BE MOVED FROM TRANSFORMER TO BRACKET.
- 5. INSTALL DANGER SIGNS IF MISSING
- 6. FOR POLE LEAN USE A-32-06 DOWN GUY AND A-32-12 ANCHOR AT THE SHORT GUY DISTANCE. SCALE: N.T.S. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED

	<u>Sask</u> P	ower	- DISTRII	BUTION	STANDARDS	
DRN.	DESIGN CHK.	APPRO	VAL	SINC	GLE PHASE, RADIAL FE	ED CABLE
CHKD.					STRUCTURE WITH EXIS	STING
DATE	DATE	DATE		P	OLE-MOUNTED TRANSF	FORMER
DATE OF ISSUE	2007/04/16	<u> </u>	DRAWING NO.	B-12-20	O SHEET 2 of 2	REV. G

			BILL OF MATE	RIAL	
ITEM NO.	CODE NO.	QUANTITY		DESCRIPTION	
1	1-13-12	1	BOLT MACHINE - 5/8'	" x 12"	
2	1-34-11	1	CABLE GUARD STEE	EL - 2 1/2" x 8'	
3	1-35-33	1	BRACKET POLE - MOUNT		
4	1-78-12	1	SCREW LAG - 1/2" x 4		
5	1-78-38	8	SCREW LAG - 3/8" x 4		
6	1-85-01	1/4 lb	STAPLE FENCE - 1 3/		
7	1-93-30	2	WASHER ROUND - 9/		
8	1-93-42	1		2 ¼" x 2 ¼" x 13/16" HOLE	
9	2-83-04	4 m	WIRE CU - #4/7 STR		
10	2-84-02	1 m	WIRE CU - #2 SOLID		
11	5-11-15	2	INSULINK - ORANGE	/ORANGE	
12	5-12-06	2	CONNECTOR CU-YC4	4C4	
13	5-46-18	2	STRAP LEAD		
14	7-69-64	0.10	SCREW WOOD - #14	x 2 1/2" (100/BOX)	
15	8-35-36	2	TERMINATOR - #2 AL	,	
16	05-640-000	2	SIGN - DANGER HIGH	I VOLTAGE	
17	05-641-535	1	SIGN SELF-ADHESIV	E - DANGER UNDERGROUND CABLE	
18	5-12-01	2	CONNECTOR CU-YC	2C2	
19	1-12-02	3	BOLT MACHINE - 1/2	" x 2"	
20	1-93-33	2	WASHER ROUND - 11	1/16"	
21	71-35-00	2	KIT - CABLE PREPAR	RATION	
22	5-12-08	2	CONNECTOR CU-YC	2C4	
23	5-06-97	1	FAULT INDICATOR -	OVERHEAD 60 AMP TRIP	
24	1-35-34	0	BRACKET - CLEARA	NCE	
25	1-35-35	1	BRACKET - INSULAT	ING GUARD	
26	7-37-06	1	FUSE LINK - 6T		
27	1-34-09	2	GUARD CABLE PLAS	STIC - 2 1/2" x 8' (SEE NOTE 3)	
27	1-34-11	2	GUARD CABLE STEE	EL - 2 1/2" x 8' (SEE NOTE 3)	
28	1-78-38	10	SCREW LAG - 3/8" X	4" (SEE NOTE 3)	
28	7-69-64	0.12	SCREW WOOD - #14	x 2 1/2" (100/BOX)	
			NOTE:		
			1. RE-USE THE FOLL	OWING: 2-12-XX CUTOUT, 6-02-XX ARRESTER,	
			2-83-02 #2 CU RISE	R, 2-02-71 LIVELINE CLAMP.	
			2. IF REQUIRED, USE	THE FOLLOWING:	
			2-12-20 OR 2-12-67	CUTOUT AS REQ'D, 6-02-21 ARRESTER.	
			3. WHEN PLASTIC GU	JARDS NOT AVAILABLE USE STEEL	
		<u> </u>	GUARDS WITH LAG		
			ower - DISTRIBUT	ION STANDARDS	
DRN.	DESIGN C	HK.	APPROVAL	SINGLE-PHASE, LOOP FEED	
CHKD. DATE	DATE		DATE	CABLE STRUCTURE WITH EXISTING POLE-MOUNTED TRANSFORMER	
	ISSUE 96-07-26	<u> </u>	DRAWING NO:		
2, 112 01	.555L 55 01 20	-	D10.00110.	\(\tau_{\text{\tint{\text{\tint{\text{\tint{\text{\text{\text{\text{\text{\tin\text{\texit{\text{\tex{\texi}\tiex{\text{\texi{\texi{\texi\texi}\texit{\texit{\tite\tint{\text{\texi{\text{\texit{\texi{\texi{\texi{\texi{\texi{\	

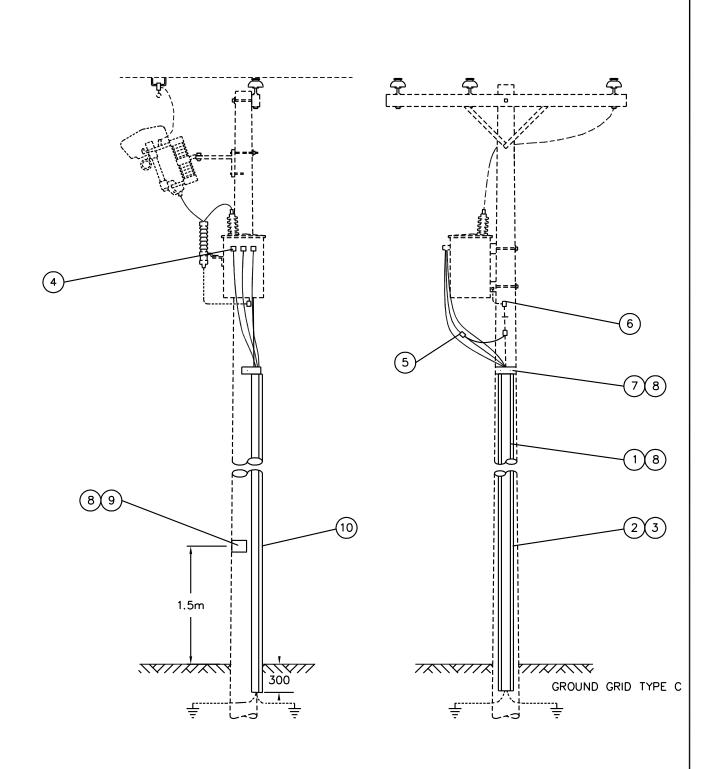


ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED SCALE: N.T.S.

	Sask P	<u>ower</u>	- DISTRIE	BUTION	STANDARDS	
DRN.	DESIGN CHK.	APPROV	'AL	SIN	GLE PHASE, LOOP FE	ED CABLE
CHKD.					STRUCTURE WITH EX	ISTING
DATE	DATE	DATE		P	OLE-MOUNTED TRANS	SFORMER
DATE OF ISSUE			DRAWING NO.	B-12-21	SHEET 2 of 2	REV. E

			BIL	L O	F MATERIAL
ITEM NO.	CODE NO.	QUA A	NTITY B		DESCRIPTION
1	1 34 08	0	3		CABLE GUARD – PLASTIC – 4" X 8'
1	1 34 09	3	0		CABLE GUARD - PLASTIC - 2-1/2" X 8'
2	1 34 10	0	1		CABLE GUARD - STEEL - 4" X 8'
2	1 34 11	1	0		CABLE GUARD - STEEL - 2-1/2" X 8'
3	1 78 38	6	6		SCREW - LAG - 3/8" X 4"
4	2 65 84	3	3		HYLUG – 1/0 (SEE NOTE 2)
5	5 09 XX	1	1		CONNECTOR - AL - CRIMPIT (SEE NOTE 2)
6	5 12 06	3	3		CONNECTOR – CU – 4C4
7	5 46 18	1	1		STRAP – LEAD
8	7 69 64	0.28	0.28	;	SCREW - WOOD - #14 X 2-1/2" (100/BOX)
9	05 640 000	1	1		SIGN – DANGER H.V.
10	05 646 582	1	1		DECAL – WATCH FOR WIRES
					NOTE: 1. COLUMN 'A' FOR 2.5" DUCT COLUMN 'B' FOR 4" DUCT 2. REFER TO SECTION A-36 FOR SPECIFIC MATERIAL REQUIREMENTS.
				_	STRIBUTION STANDARDS
	APPROVA L MOEN		SIGN CHK ATEL	-	N. PP RUD SECONDARY TAKE OFF STRUCTURE

L	Sask Power - DISTRIBUTION STANDARDS							
	APPROVAL	DESIGN CHK	DRN. PP					
	L MOEN	P PATEL	CHKD. LM		RUD SECONDARY TAKE-OFF STRUCTURE			
			2021-06-22		TARL-OIT STRUCTURE			
	DATE OF ISSUE:	2022-01-10	DRAWING NO.	B-12-22	SHEET 1 OF 2	REV. F		



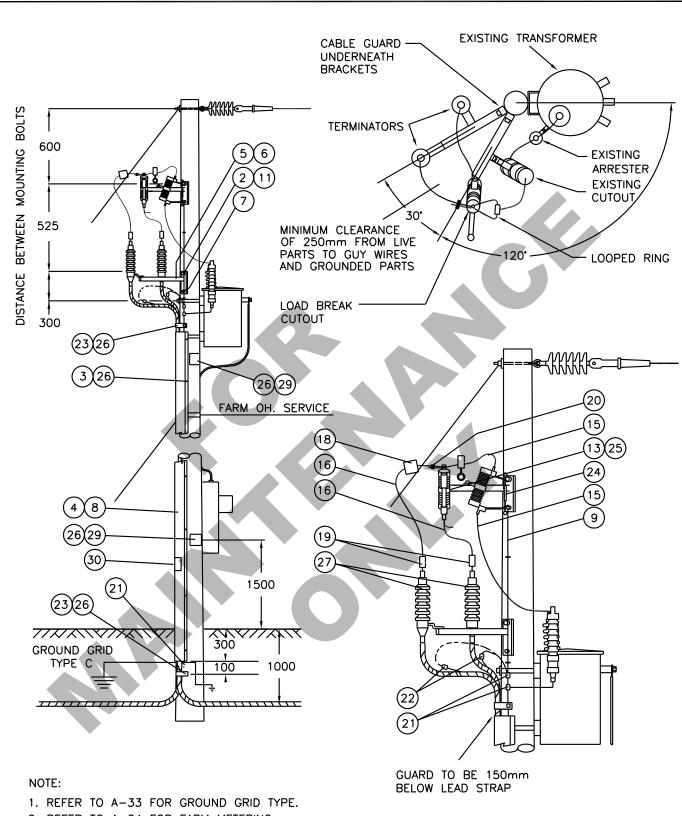
- 1. REFER TO A-08-08, A-12-51 AND A-33-01C FOR OTHER CONSTRUCTION. 2. REFER TO B-22-10 FOR MAXIMUM SECONDARY CABLE LENGTHS. 3. GROUND BOTTOM OF CABLE GUARD TO GROUND ROD.

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

<i>SaskPower -</i> DISTRIBL					JTION	STANDARDS	
DRN. M.T.S.	DESIGN CHK.	APPROV	/AL			RUD SECONDARY	,
CHKD.						TAKE-OFF STRUCTU	
DATE	DATE	DATE				TARE-OFF STRUCTO	JKE
DATE OF ISSUE	: 2007/04/16		DRA	WING NO.	B-12-2	2 SHEET 2 of 2	REV. E

			BILL	OF MATERI	AL	
ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION	
1	1 12 02	3	BOLT - M	ACHINE - 1/2	' X 2"	
2	1 13 12	2	BOLT - M	ACHINE - 5/8'	' X 12"	
3	1 34 09	3	GUARD -	GUARD - CABLE - PLASTIC - 2-1/2" X 8'		
4	1 34 11	1	GUARD -	GUARD – CABLE – STEEL – 2-1/2" X 8'		
5	1 35 36	2	BRACKET	BRACKET – RUD – 30"		
6	1 35 37	2	GUARD -	INSULATING	BRACKET	
7	1 78 12	2	SCREW -	- LAG – 1/2" X	4-1/2"	
8	1 78 38	8	SCREW -	- LAG – 3/8" X	4"	
9	1 85 01	1/4 lb	STAPLE -	- FENCE - 1-3/	4"	
10	1 93 30	2	WASHER	- ROUND - 9/	16"	
11	1 93 33	4	WASHER	- ROUND - 11	/16"	
12	1 93 42	2	WASHER	- SQUARE - 2	2-1/4" X 13/16" HOL	E
13	2 12 62	1	CUTOUT -	– LOADBREAI	K – 27 kV – 100A	
15	2 83 04	4 m	WIRE - C	U - #4 - 7 STR		
16	2 84 02	2 m	WIRE - C	U - #2 SOLID -	- PE JACKET	
18	5 06 97	1	FAULT IN	IDICATOR - O	/ERHEAD – 60 AMP	TRIP
19	5 11 15	2	INSULINK	(– ORANGE/O	RANGE	
20	5 12 01	2	CONNEC	TOR – CU – 20	2	
21	5 12 06	3	CONNEC	TOR – CU – 40	4	
22	5 12 08	2	CONNEC	TOR – CU – 20	4	
23	5 46 18	2	STRAP -	LEAD		
24	7 37 06	Х	FUSE LIN	IK – TRIP-O-LII	NK - 6T	
24	7 38 06	Х	FUSE LIN	IK – BUTTON F	IEAD – TYPE "T" –	6T
25	7 38 00	1	FUSE LIN	IK – SOLID		
26	7 69 64	0.26	SCREWS	– WOOD – #14	X 2-1/2" (100/BOX)	
27	8 35 36	2	TERMINA	TOR - #2 AL		
28	71 35 00	2	CABLE P	REP KIT		
29	05 640 000	1	SIGN - DA	ANGER – HIGH	I VOLTAGE	
30	05 641 535	1	DECAL -	DANGER - UN	IDERGROUND CAB	LE
		Sask F	ower -	DISTRIBUTIO	N STANDARDS	
	APPROVA			DRN. PP		
	L MOEN		_	CHKD. LM		EED TRANSFORMER H CUTOUT
				2022-01-07		11 601001
	DATE OF	ISSUE: 2022	2-08-15	DRAWING NO:	B-12-23	SHEET 1 OF 2 REV. E

AUTO#BRAFT



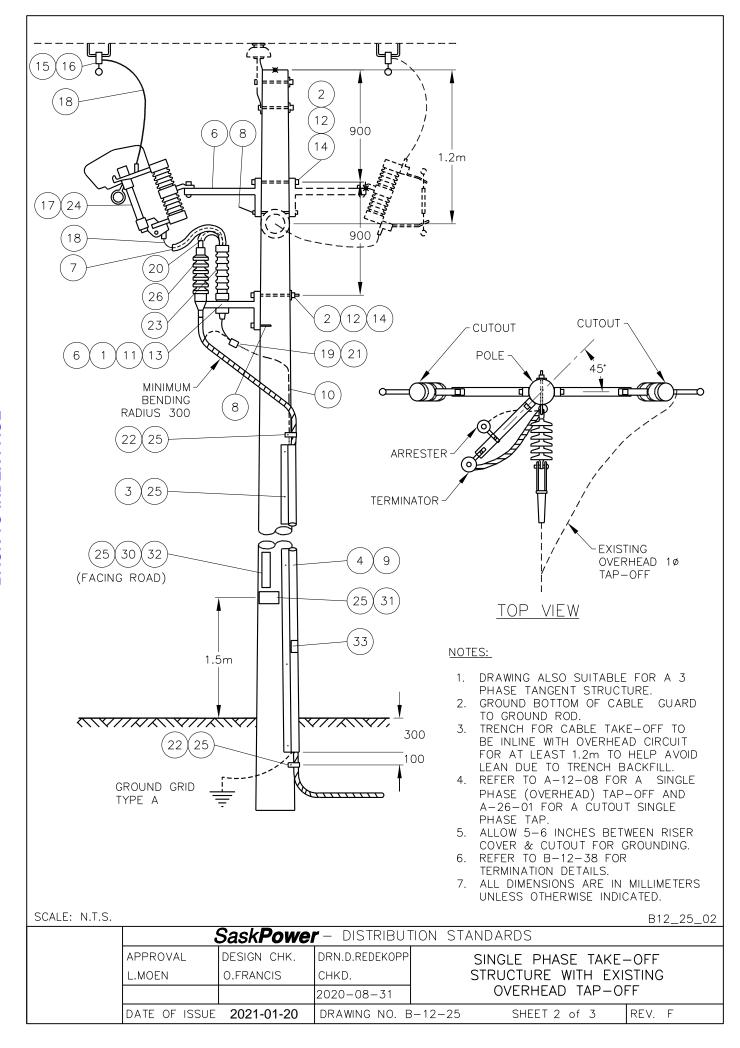
- 2. REFER TO A-24 FOR FARM METERING.
- 3. CABLE GUARD AND BRACKETS TO BE GROUNDED.
- 4. INSTALL DANGER SIGNS IF MISSING.
- 5. FOR POLE LEAN USE A-32-06 DOWN GUY AND A-32-12 ANCHOR AT THE SHORT GUY DISTANCE.

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

	SaskP	ower	- DISTRIBUT	ON STAND	ARDS		
DRN. M.T.S.	DESIGN CHK.	APPROVAL		DUD LOOD FEED TRANSFORMED			
CHKD.				RUD LOOP FEED TRANSFORMER WITH CUTOUT			
DATE	DATE	DATE			WIIII COIOOI		
DATE OF ISSUE	DRAWING NO.	B-12-23	SHEET 2 OF 2	REV. D			

				BIL	L OF MATERI	AL			
ITEM NO.		ODE NO.	QUANTITY			DESCRIPTION			
1		12 02	2	BOLT -	MACHINE - 1/2	' X 2"			
2	1	13 12	2	BOLT -	BOLT - MACHINE - 5/8" X 12"				
3	1	34 09	3	GUARD	GUARD - CABLE - PLASTIC - 2-1/2" X 8'				
4	1	34 11	1	GUARD	- CABLE - STE	EL – 2-1/2" X 8'			
5	1:	35 XX	1	BRACKI	ET – CABLE PO	SITIONER			
6	1	35 31	2	BRACKI	ET – FOR CUTO	UT, ARRESTER, TERMINATOR			
7	1	35 38	4 ft	WILDLIF	E GUARD – RIS	SER COVER			
8	1	78 12	2	SCREW	– LAG – 1/2" X	4-1/2"			
9	1	78 38	6	SCREW	– LAG – 3/8" X	4"			
10	1	85 01	1/4 lb	STAPLE	- FENCE - 3/4	•			
11	1	93 22	2	WASHE	R – LOCK – 1/2'	,			
12	1	93 27	2	WASHE	R – LOCK – DO	UBLE COIL – 5/8"			
13	1	93 30	2	WASHE	R – ROUND – 9/	16"			
14	1	93 42	2	WASHE	R – SQUARE – 2	2-1/4" X 13/16" HOLE			
15	2	02 70	1	CLAMP	– LIVELINE				
16	2	02 82	1	CLAMP	– BAIL – #6 TO	1/0 ACSR			
17	2	12 62	1	CUTOUT	Γ – LOADBREAI	K – 27 kV – 100 AMP (SEE NOTE 1)			
18	2	83 02	3 m	WIRE -	CU - #2 - 7 STR				
19	2	83 04	8 m	WIRE -	CU - #4 - 7 STR				
20	5	09 27	1	CONNE	CTOR - COMPR	ESSION - ACSR #3-1/0 TO #6-#2			
21	5	12 06	2	CONNE	CTOR - CU - 40	24			
22	5	46 18	2	LEAD S	TRAP				
23	6	02 21	1	ARREST	TER – 21 kV (RU	RAL)			
24	7	38 XX	1	FUSE LI	NK – BUTTON I	IEAD – TYPE "T"			
25	7	69 64	0.30	SCREW	S – WOOD – #14	4 X 2" HEX HEAD (100/BOX)			
26	8	35 36	1	TERMIN	ATOR – #2 AL				
27	71	35 00	1	CABLE	PREP KIT				
				MATEDI	ALLIST CONTU	NUED ON SHEET 3			
				IVIAIERI	AL LIST CONTI	NOED ON SHEET 3			
	Ī			ools Door		NUTION OTANDADDO			
		A DDD OV (*			1	BUTION STANDARDS			
				GN CHK A TEL	DRN. PP CHKD. LM	SINGLE PHASE TAKE-OFF STRUCTURE WITH EXISTING			

	Sask Power - Distribution Standards							
APPROVAL	DESIGN CHK	DRN. PP	SINGLE	PHASE TAKE-OFF	=			
L MOEN	P PATEL	CHKD. LM	STRUCTURE WITH EXISTING					
		2022-01-07	OVE	RHEAD TAP-OFF				
DATE OF ISSUE:	2022-08-15	DRAWING NO:	B-12-25 Sh	HEET 1 OF 3	REV. I			



			BIL	L OF MATER	IAL		
ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION	NC	
28	05 385 151	-	TAG HO	LDER – ALUMI	NUM – FOR 10 -	- 1" TAGS (SEE NOT	E 3)
29	05 385 20X	-	TAG - N	UMBER – YELL	OW (SEE NOTE	≣ 3)	
29	05 385 209	-	TAG - D	ASH - YELLOV	V (SEE NOTE 3)		
29	05 385 25X	-	TAG – L	ETTER - YELLO	OW (SEE NOTE	3)	
30	05 638 32X	3	DECAL -	– NUMBER – BI	LACK – 1-1/2" (SEE NOTE 2)	
30	05 638 329	1	DECAL -	– DASH – BLAC	CK - 1-1/2" (SEE	NOTE 2)	
30	05 638 4XX	5	DECAL -	- LETTER – BL	ACK – 1-1/2" (S	EE NOTE 2)	
31	05 640 000	1	SIGN - I	DANGER – HIGI	H VOLTAGE		
32	05 640 006	1	SIGN - E	BLANK – REFLI	ECTIVE – 3" X 1	8" (SEE NOTE 2)	
33	05 641 535	1	DECAL ·	– DANGER – UI	NDERGROUND	CABLE	
			TO 2 CON MAT SUR RES 2. REF MOL THIS 3. WHE USEI A-30-	DBREAK CUTO O CU (STOCK O INECTORS, TER CH THE UNDER GE ARRESTOR TRICTIONS. ER TO A-30-05 INTING DETAIL O OPTION. N SPACE IS AN	CODE 28320). HERMINATOR SIZE REGROUND CAB REMAIN FOR APPLICAB S. CONFIGURA I ISSUE THIS TA THE REFLECTIV	E & RISER AMPACITED. LE. THE RISER TO THE R	Y MUST THE E &
		Sask F	ower -	DISTRIBUTIO	ON STANDARD	DS	
	APPROVAL DESIGN CHK L MOEN P PATEL			DRN. PP		LE PHASE TAKE-OF	F
			TEL	CHKD. LM	STRUC	CTURE WITH EXISTI	-
			2022-01-07		ERHEAD TAP-OFF		
	DATE OF I	SSUE: 2022	2-08-15	DRAWING NO:	B-12-25	SHEET 3 OF 3	REV. B

			BIL	L OF MATERI	AL		
ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION		
1	1 12 02	20	BOLT -	MACHINE - 1/2"	X 2"		
2	1 12 08	6	BOLT -	BOLT - MACHINE - 1/2" X 8"			
3	1 14 12	4	BOLT -	BOLT – MACHINE – 3/4" X 12"			
4	1 21 31	3	PLATE -	PLATE – ADAPTER			
5	1 29 09	2	CROSS	ARM - COMPOS	ITE – 4" X 5" X 10'		
6	1 34 08	3	GUARD	- CABLE - PLA	STIC – 4" X 8'		
7	1 34 10	1	GUARD	- CABLE - STE	EL – 4" X 8'		
8	135XX	4	BRACKI	ET – CABLE POS	SITIONER		
9	1 35 32	8	BRACKI	ET-XARM FOR	CUTOUTS, ARRESTORS OR TERMINATOR		
10	1 78 38	6	SCREW	– LAG – 3/8" X	1"		
11	1 85 01	1/2 lb	STAPLE	- FENCE - 1-3/4	4"		
12	1 93 22	14	WASHE	R – LOCK – 1/2"			
13	1 93 26	20	WASHE	R – LOCK – DOL	JBLE COIL – 1/2"		
14	1 93 28	4	WASHE	R – LOCK – DOL	JBLE COIL – 3/4"		
15	1 93 30	30	WASHE	R – ROUND – 9/	16" HOLE		
16	1 93 42	4	WASHE	R – SQUARE – 2	-1/4" X 2-1/4" X 13/16" HOLE		
17	1 94 15	4	CLIP - C	ROUND WIRE			
18	2 65 87	10	HYLUG	- CU/AL - 4/0 S	ΓR		
19	2 71 76	3	DISCON	NECT - SOLID E	BLADE – 25 kV – 600 AMP		
20	2 83 04	16 m	WIRE -	CU – #4/7 STR			
21	2 98 01	11 m	WIRE -	CU – #4/0 19 STI	RAND BARE		
22	5 06 97	3	O/H FAL	JLT INDICATOR			
23	5 09 48	3	CONNE	CTOR – AL – CR	IMPIT – ACSR 4/0-477 TO 4/0-477		
24	5 12 02	4			RIMPIT – 3/0-4/0 TO #4-#2		
25	5 12 06	8	İ	CTOR – CU – 4C	4		
26	5 46 18	2	LEAD S				
27	6 02 21	4	i	TER – 21 kV (RU	•		
28	7 69 64	0.40			2" HEX HEAD (100/BOX)		
29	7 69 65	4	SCREW	- SELF DRILLIN	IG – 1/4" X 1"		
			MATERIAL LIST CONTINUED ON SHEET 3				
		Sask	Power -	DISTRIBUTIO	N STANDARDS		
	APPROVA		SIGN CHK	DRN. OFF	RURAL 3Ø, SOLID BLADE DISCONNECT		
	L MOEN	I 0.	FRANCIS	CHKD. LM	SINGLE-CIRCUIT REVERSE TAKE-OFF		
				2020-12-03	STRUCTURE WITH SPARE CONDUCTOR		

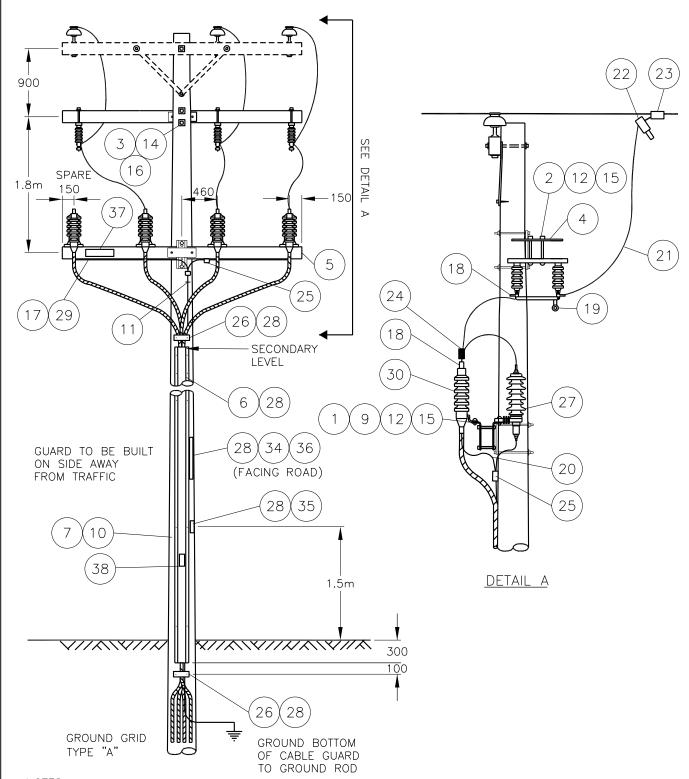
DRAWING NO: **B-12-36**

SHEET 1 OF 3

REV. **B**

DATE OF ISSUE:

2021-01-20



- 1. RURAL MINIMUM 12.2m (40') POLES. RURAL RADIALS ONLY.
 2. LOAD SIDE STRUCTURE. SPARE CABLE TO BE CONNECTED SOURCE SIDE ONLY.
- 3. WARNING: SPARE CABLE IS NORMALLY ENERGIZED.
- 4. TRENCH FOR CABLE TAKE-OFF TO BE IN LINE WITH OH CIRCUIT FOR AT LEAST 1.2 METERS TO HELP AVOID POLE LEAN DUE TO TRENCH BACKFILL.
- 5. REFER TO B-12-38 FOR TERMINATION DETAILS.
- 6. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

SCALE: N.T.S.

SaskPower - distribution standards									
APPROVAL	DESIGN CHK.	DRN.D.REDEKOPP	RURAL 30, SOLID BLADE DISCONNECT						
L.MOEN	L.MOEN	CHKD.	SINGLE-CIRCUIT REVERSE TAKE-OFF						
		2021-01-06	WITH SPARE CONDUCTOR						
DATE OF ISSUE	2021-01-20	DRAWING NO. B	-12-36 SHEET 2 of 3 REV. B						

ITEM NO. CODE NO. QUANTITY DESCRIPTION 30 8 35 XX 4 TERMINATOR – CABLE					
31 71 35 00 4 CABLE PREPARATION KIT					
32 05 385 151 - TAG HOLDER – ALUMINUM – FOR 10 – 1" TAGS – S	EE NOTE 2				
33 05 385 20X - TAG – NUMBER – YELLOW – SEE NOTE 2					
33 05 385 209 - TAG – DASH – YELLOW – SEE NOTE 2					
33 05 385 25X - TAG – LETTER – YELLOW – SEE NOTE 2					
34 05 638 32X 5 DECAL – NUMBER – BLACK – 1-1/2" – SEE NOTE 1					
34 05 638 329 1 DECAL – DASH – BLACK – 1-1/2" – SEE NOTE 1					
34 05 638 4XX 3 DECAL – LETTER – BLACK – 1-1/2" – SEE NOTE 1					
35					
36	E 1				
37 05 641 025 1 DECAL – DANGER 25000 VOLTS					
38					
NOTES: 1. REFER TO A-30-05 FOR APPLICABLE STOCK COMOUNTING DETAILS. CONFIGURATOR DEFAULTHIS OPTION. 2. WHEN SPACE IS AN ISSUE THIS TAG HOLDER IN USED INSTEAD OF THE REFLECTIVE SIGN. REFLA-30-05 FOR MOUNTING DETAILS & B-30-26 FOR APPLICABLE STOCK CODES.	TS TO MAY BE ER TO				
SaskPower - DISTRIBUTION STANDARDS APPROVAL DESIGN CHK DRN. OFF RURAL 30 SOLID BLADE					
APPROVAL DESIGN CHK DRN. OFF RURAL 3Ø, SOLID BLADE L MOEN O. FRANCIS CHKD. LM SINGLE-CIRCUIT REVER					
2020-12-03 STRUCTURE WITH SPARI					

DATE OF ISSUE:

2021-01-20

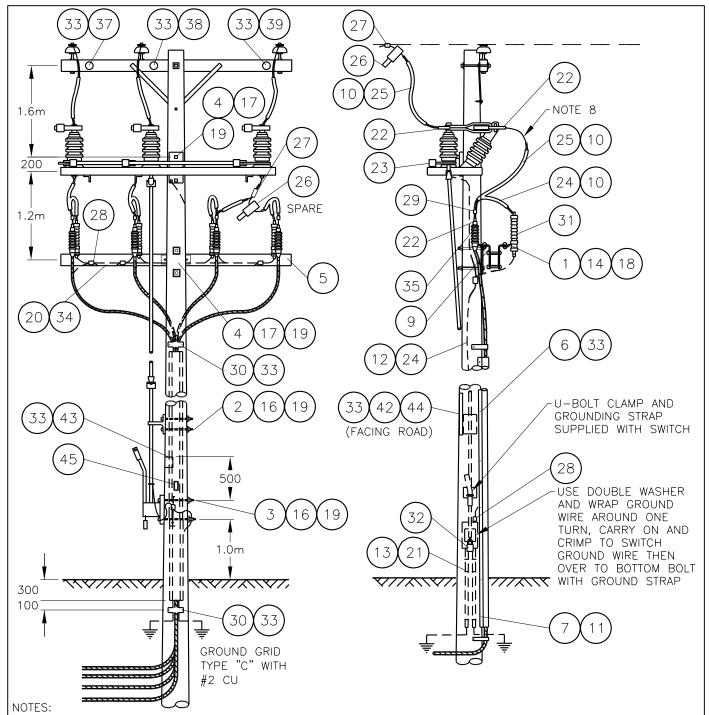
DRAWING NO: **B-12-36**

SHEET 3 OF 3

REV. A

BILL OF MATERIAL						
ITEM NO.	CODE NO.	QUANTITY	DESCRIPTION			
1	1 12 02	20	BOLT - MACHINE - 1/2" X 2"			
2	1 13 14	2	BOLT - MACHINE - 5/8" X 14"			
3	1 13 16	2	OLT – MACHINE – 5/8" X 16"			
4	1 14 12	4	OLT – MACHINE – 3/4" X 12"			
5	1 29 09	1	OLT – MACHINE – 3/4" X 12" ROSSARM – COMPOSITE – 4" X 5" X 10'			
6	1 34 08	3	GUARD – CABLE – PLASTIC – 4" X 8'			
7	1 34 10	1	GUARD – CABLE – STEEL – 4" X 8'			
8	1 35 XX	4	BRACKET – CABLE POSITIONER			
9	1 35 32	8	BRACKET - CROSSARM			
10	1 35 38	11 m	WILDLIFE GUARD – RISER COVER			
11	1 78 38	6	LAG - SCREW - 3/8" X 4"			
12	1 85 01	0.25 LB	STAPLE - FENCE - 1-3/4"			
13	1 85 02	20	STAPLE - MOULDING			
14	1 93 22	8	WASHER - LOCK - 1/2"			
15	1 93 26	20	WASHER - LOCK - DOUBLE COIL - 1/2"			
16	1 93 27	4	WASHER - LOCK - DOUBLE COIL - 5/8"			
17	1 93 28	4	WASHER - LOCK - DOUBLE COIL - 3/4"			
18	1 93 30	30	WASHER - ROUND - 9/16" HOLE			
19	1 93 42	8	WASHER - SQUARE - 2-1/4" X 2-1/4" X 13/16" HOLE			
20	1 94 15	4	CLIP – GROUND WIRE			
21	2 27 00	3	MOULDING – GROUND WIRE			
22	2 65 XX	10	HYLUG – SEE NOTE 1			
23	2 69 45	1	SWITCH - GOPT - 25 kV - 600 A			
24	24 2 83 02 13 m		WIRE – CU – #2/7 STR			
25	25 2 98 01 11 m		WIRE - CU - 4/0 19 STR			
26	5 06 97	4	O/H FAULT INDICATOR			
27	5 09 2X	4	CONNECTOR - AL - CRIMPIT - SEE NOTE 1			
28	5 12 01	4	CONNECTOR – CU – 2C2			
29	5 12 02	4	CONNECTOR – CRIMPIT – 4/0 TO #2			
30	5 46 18	2	LEAD STRAP			
31	6 02 21	4	ARRESTER – 21 kV (RURAL)			
32	7 66 00	1	PADLOCK			
33	7 69 64	0.41	SCREW – WOOD – #14 X 2-1/2" (BOX)			
34	7 69 65	4	SCREW – SELF DRILLING – 1/4" X 1"			
35	8 35 XX 4		TERMINATOR			
36	36 71 35 00 4		CABLE PREP KIT			
	<u> </u>	Sack	POWAR DISTRIBUTION STANDARDS			
SaskPower - DISTRIBUTION STANDARDS						

Sask Power - Distribution Standards									
APPROVAL	DESIGN CHK	DRN. OFF	RURAL 3Ø GOPT						
L MOEN O FRANCIS		CHKD. LM	TA	TAKE-OFF STRUCTURE					
		2020-12-04	2-04 WITH SPARE CONDUCTO						
DATE OF ISSUE:	2021-01-20	DRAWING NO: I	3-12-37	SHEET 1 OF 3	REV. B				

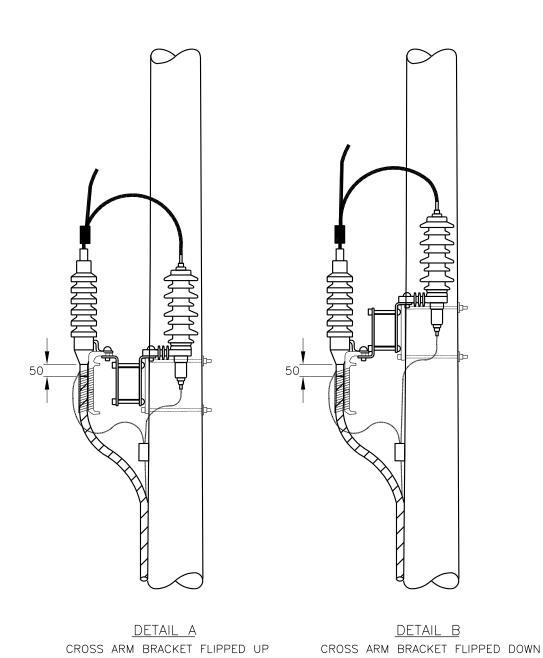


- 1. LOCATION OF GROUND GRID IS DEPENDENT ON LOCATION OF SWITCH HANDLE AND DRIVE BAR.
- 2. ALWAYS INSTALL WITH SWITCH HANDLE UP. FOR ROTATION TYPE HANDLE MOVEMENT, MOUNT AT HEIGHT SHOWN. FOR PULL DOWN TYPE, MOUNT SO THAT THE HANDLE CLEARS THE GROUND AND IS NOT TOO HIGH WHEN UP.
- 3. REFER TO SECTION A-33 FOR GROUNDING DETAILS AND GROUND GRID TYPE "C".
- 4. TRENCH FOR CABLE TAKE-OFF TO BE INLINE WITH OVERHEAD CIRCUIT FOR AT LEAST 1.2m TO HELP AVOID LEAN DUE TO TRENCH BACKFILL.
- 5. RURAL MINIMUM 12.2m (40') POLES. RURAL RADIALS ONLY.
- 6. NO JOINT USE TAKEOFFS OR SECONDARY TAKEOFFS ARE ALLOWED ON THIS STRUCTURE DUE TO CONGESTION ON THE POLE.
- 7. SOURCE SIDE STRUCTURE. SPARE CABLE CONNECTED THIS SIDE ONLY.
- 8. ALLOW FOR 150mm BETWEEN RISER COVER AND GOPT HYLUG FOR GROUNDING.
- 9. REFER TO B-12-38 FOR TERMINATION DETAILS.
- 10. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

SCALE: N.T.S.

SaskPower - Distribution standards								
	ROVAL DEN	DESIGN CHK. L.MOEN	DRN.D.REDEKOPP CHKD.	TAKE-OFF STRUCTURE				
			2021-01-06	WITH SPARE CONDUCTOR				
DAT	DATE OF ISSUE 2021-01-20		DRAWING NO. E	B-12-37 SHEET 2 of 3 REV. C				

BILL OF MATERIAL									
ITEM CODE QUANTITY NO.				DESCRIPTION					
37	05 116		1	DISC - F	PHASE MARKIN	NG – BLUE			
38	05 116	366	1	DISC - F	PHASE MARKIN	NG – RED			
39	05 116	368	1	DISC - F	PHASE MARKIN	NG – YELLOW			
40	05 385	151	-	TAG HO	LDER – ALUMII	IINUM – FOR 10 – 1" TAGS – SEE NOTE 3			
41	05 385	20X	-	TAG - N	IUMBER – YELL	LOW – SEE NOTE 3			
41	05 385	209	-	TAG - D	TAG – DASH – YELLOW – SEE NOTE 3				
41	05 385	25X	-	TAG – L	ETTER - YELLO	LOW – SEE NOTE 3			
42	05 638	32X	3	DECAL	– NUMBER – BL	BLACK – 1-1/2" – SEE NOTE 2			
42	05 638	329	1	DECAL -	– DASH – BLAC	CK – 1-1/2" – SEE NOTE 2			
42	05 638	4XX	5	DECAL -	– LETTER – BL	LACK – 1-1/2" – SEE NOTE 2			
43	05 640	000	1	SIGN - I	DANGER – HIGH	SH VOLTAGE			
44	05 640	006	1	SIGN - I	BLANK – REFLE	LECTIVE - 3" X 18" - SEE NOTE 2			
45	05 646	582	1	DECAL -	- WATCH FOR	RWIRES			
				REQ 2. REF MOU THIS 3. WHE USE A-30	ER TO SECTION UIREMENTS. ER TO A-30-05 INTING DETAIL OPTION. EN SPACE IS AND INSTEAD OF	ON A-36 FOR SPECIFIC MATERIAL 5 FOR APPLICABLE STOCK CODES & LS. CONFIGURATOR DEFAULTS TO AN ISSUE THIS TAG HOLDER MAY BE F THE REFLECTIVE SIGN. REFER TO NTING DETAILS & B-30-26 FOR CK CODES.			
			Sask	Power -	DISTRIBUTIO	ION STANDARDS			
	AF	PROVA		IGN CHK	DRN. OFF	RURAL 3Ø GOPT			
		L MOEN		RANCIS	CHKD. LM	TAKE-OFF STRUCTURE			
					2020-12-04	WITH SPARE CONDUCTOR			
	DA	ATE OF I	SSUE: 202	1-01-20	DRAWING NO:	: B-12-37			



- 1. REFER TO DETAIL B WITH CLEARANCE ISSUES INVOLVING APPARATUS.
 2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

SCALE: N.T.S. B12_38_01

SaskPower - distribution standards								
APPROVAL	DESIGN CHK.	DRN.D.REDEKOPP						
L.MOEN	O.FRANCIS	CHKD.	CABL	E TERMINATION D	ETAILS			
		2020-08-31						
DATE OF ISSUE 2021-01-20		DRAWING NO. B-12-38		SHEET 1 of 1	REV. –			