

**CROSSINGS - SASKTEL**

DRAWING NUMBER	SHT.	DRAWING TITLE	DWG REV.	BOM REV.
C-26-25.01	1 - 3	COMMUNICATION CABLE CROSSING	B / C	B

**SaskPower - DISTRIBUTION STANDARDS**

APPROVAL <b>L. MOEN</b>	DESIGN CHK <b>A. UHREN</b>	DRN. <b>ARU</b> CHKD.	<b>INDEX</b>
		<b>2016-10-20</b>	
DATE OF ISSUE: 2016/11/08		DRAWING NO: <b>C-26-25-INDEX</b>	<b>SHEET 1 of 1</b>   REV. <b>D</b>

## CROSSING SPECIFICATIONS

1. NO CROSSING OF COMMUNICATION CABLES SHALL BE MADE UNTIL SUCH CABLES HAVE BEEN LOCATED AND STAKED BY COMMUNICATION PERSONNEL.
2. MECHANICAL EXCAVATING EQUIPMENT SHALL NOT BE EMPLOYED WITHIN 1 METER ON EITHER SIDE OF THE STAKED CROSSING LOCATION.
3. DAYLIGHTED AS REQUIRED BY COMMUNICATION COMPANY.
4. IF REQUIRED, PRIMARY CABLE SHALL BE SPLICED JUST OUTSIDE THE EDGE OF THE RIGHT-OF-WAY (5m FROM POINT OF CROSSING). SPLICES IN PRIMARY CABLE SHOULD BE AVOIDED WHERE POSSIBLE – UP TO 60m SHALL BE BACK-PULLED. WHERE SPLICES ARE UNAVOIDABLE THEY SHALL BE LOCATED OUTSIDE OF THE ROW.
5. WHERE PRIMARY CABLES CROSS UNDER COMMUNICATION CABLES, A MINIMUM VERTICAL SEPARATION OF 0.3m (1 ft) SHALL BE MAINTAINED BETWEEN THE PRIMARY CABLES AND THE COMMUNICATION CABLES.
6. WHERE PRIMARY CABLES CROSS ABOVE COMMUNICATION CABLES AND PROVIDING THAT A MINIMUM DEPTH OF COVER OF 1 METRE IS MAINTAINED OVER THE PRIMARY CABLES, A MINIMUM VERTICAL SEPARATION OF 0.3m (1FT.) SHALL BE ACCEPTABLE BETWEEN THE PRIMARY CABLES AND THE COMMUNICATION CABLES.
7. WHERE PRIMARY CABLE CROSSES FIBRE OPTIC AND OTHER SPECIAL CABLES (NORMALLY BURIED AT A DEPTH OF 1.35m (53”) TO 1.5m (59”)), THE PRIMARY CABLE MAY CROSS ABOVE THE COMMUNICATION FACILITY, PROVIDING THAT THE CROSSING LOCATION HAS BEEN HAND EXPOSED TO A DEPTH OF 1m (39”) AND THE FIBRE OPTIC/SPECIAL CABLE IS SHOWN ON A DEPTH LOCATOR TO BE A MINIMUM OF 0.3m (12”) BELOW THE BOTTOM OF THE EXCAVATION.
8. REQUIRED CABLE DEPTH SHALL BE MAINTAINED ACROSS THE FULL WIDTH OF RIGHT-OF-WAY.
9. THE PRIMARY CABLE SHALL CROSS COMMUNICATION CABLES AT AN ANGLE OF 90° WHEREVER POSSIBLE.

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APPROVAL	DESIGN CHK	DRN.	<b>COMMUNICATION CABLE CROSSING</b>	
		CHKD.		
DATE	DATE			
DATE OF ISSUE: <b>2011-04-01</b>		DRAWING NO: <b>C-26-25.01</b>		<b>SHEET 1 of 3</b>   REV. <b>B</b>

**BILL OF MATERIAL**

ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION
		A	B	C	
1	2 65 4X	--	4	--	SLEEVE – COMPRESSION AL
2	2 68 XX	1	--	3	SPLICE – PRIMARY CABLE
3	2 68 XX	1	--	3	SPLICE – COVER PRIMARY JACKET
4	2 68 XX	--	4	--	SPLICE – COVER SECONDARY INSULATION
5	5 12 XX	1	--	3	CRIMPIT – CU
6	71 35 00	1	--	3	KIT – CABLE PREPARATION

**NOTE:**

1. COLUMN A IS FOR A SINGLE-PHASE PRIMARY JACKETED CONCENTRIC NEUTRAL CABLE.
2. COLUMN B IS FOR A 4-WIRE SECONDARY CABLE.
3. COLUMN C IS FOR THREE PRIMARY JACKETED CONCENTRIC NEUTRAL CABLES.

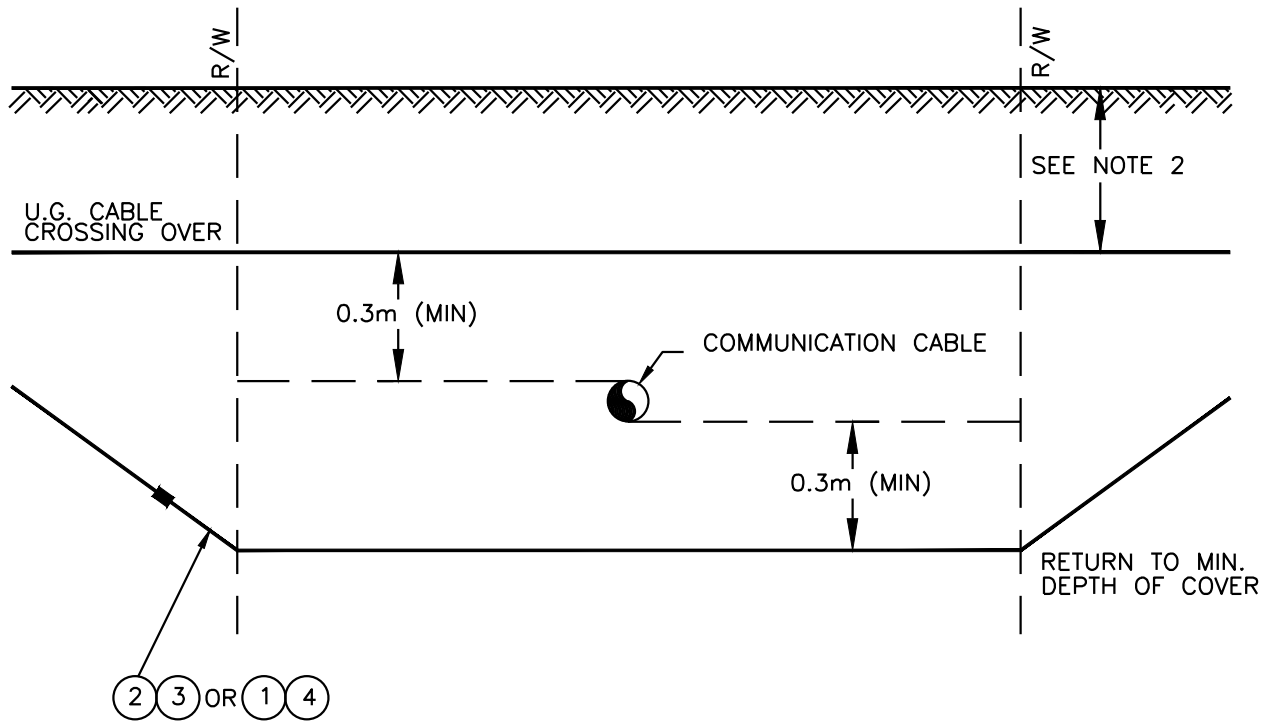
ITEM NO.	CODE NO.	QUANTITY			DESCRIPTION
		D	E	F	
1	2 65 4X	8	--	--	SLEEVE – COMPRESSION AL
2	2 68 XX	--	2	6	SPLICE – PRIMARY CABLE
3	2 68 XX	--	2	6	SPLICE – COVER PRIMARY JACKET
4	2 68 XX	8	--	--	SPLICE – COVER SECONDARY INSULATION
5	5 12 XX	--	2	6	CRIMPIT – CU
6	71 35 00	--	2	6	KIT – CABLE PREPARATION

**NOTE:**

4. COLUMN D IS FOR TWO RUNS OF 4-WIRE SECONDARY CABLES.
5. COLUMN E IS FOR TWO RUNS OF SINGLE-PHASE PRIMARY JACKETED CONCENTRIC NEUTRAL CABLES.
6. COLUMN F IS FOR TWO RUNS OF THREE PRIMARY JACKETED CONCENTRIC NEUTRAL CABLES. (2 - 3Ø PRIMARY CIRCUITS)

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		CHKD.	



NOTE:

1. DOUBLE RUNS OF THREE-PHASE PRIMARY CABLE TO BE HORIZONTALLY SEPARATED A MINIMUM OF 1.0m.
2. SEE B-14-65 FOR MINIMUM DEPTH COVER.

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