



STANDARD SERVICE DROP CONDUCTORS

SIZE	TYPE	RATED AMPACITY	MAX. LENGTH 
#4	AL TPX.	100	100
#2	AL TPX.	135	80
#1/0	AL TPX.	180	70
#4/0	AL TPX.	280	60
#1/0	AL QUAD.	180	60
#4/0	AL QUAD.	280	50
#4	WP CU	125	100
#2	WP CU	170	80
#1/0	WP CU	230	70
#2/0	WP CU	265	65
#3/0	WP CU	310	60
#4/0	WP CU	360	50
#350	WP CU	505	45
#500	WP CU	620	40

	<i>GENERAL NOTES</i>		<b>ELECTRIC SERVICE STANDARD CITY UTILITIES OF SPRINGFIELD MO.</b>	
	<ol style="list-style-type: none"> <li>1. CONDUCTOR AMPACITIES TAKEN FROM 2017 NEC TABLE 310.15(B)(17).</li> <li>2. CONDUCTOR AMPACITIES DETERMINED BY PUBLISHED MANUFACTURERS RATINGS.</li> <li>3. MAXIMUM SERVICE DROP LENGTH FOR WEATHERPROOF COPPER (WP) CONDUCTORS MAY VARY WITH EACH APPLICATION, CHECK WITH SERVICE DEPARTMENT WHEN THESE CONDUCTORS ARE REQUIRED.</li> <li>4. MAXIMUM LENGTHS ARE BASED UPON MECHANICAL LIMITATION AND DO NOT TAKE INTO CONSIDERATION POWER QUALITY ISSUES (VOLTAGE DROP FLICKER, ETC.) SEE POWER QUALITY GUIDELINES.</li> </ol>	DRAWN BY: G.GUEVARA	SERVICE OVERHEAD STANDARD SERVICE DROP CONDUCTORS	
		REV BY: K. DENTON		
		FILE: SO-GN3		
	APPROVED: 10/29/14	REVISED: 02/23/18	SHEET OF 1 OF 1	STD. NO. <b>SO - GN3</b>