



APPLICATION GUIDE				
DESCRIPTION	VOLTAGE			
	1 ϕ 120/240 V	1 ϕ 120/208 V	1 ϕ /3 ϕ 120/208 V	1 ϕ /3 ϕ 120/240 V
COMMERCIAL	X	X	X	X
STRIP CENTER	X	X	X	X
APARTMENTS	X	X		
DUPLEX	X	X		



MATERIAL LIST

QTY.	DESCRIPTION	STOCK NO.	QTY.	DESCRIPTION	STOCK NO.
<p>FURNISHED and INSTALLED BY CUSTOMER</p> <p>1. 1 DUPLEX METER SOCKET WITH SEPARATE MAIN DISCONNECTS (RAINTIGHT) 4 TERMINAL SOCKET FOR 1ϕ 120/240 V 5 TERMINAL SOCKET FOR 1ϕ 120/208 V 7 TERMINAL SOCKET FOR 1ϕ/3ϕ 120/240 V 7 TERMINAL SOCKET FOR 1ϕ/3ϕ 120/208 V</p> <p>2. AS REQD SERVICE LATERAL CONDUIT(S) AND CONDUCTORS</p> <p>3. AS REQD GROUNDING ELECTRODE CONDUCTOR</p> <p>4. AS REQD GROUNDING ELECTRODE</p> <p>5. AS REQD SERVICE ADDRESS TAG (PERMANENTLY ATTACHED MINIMUM 3/8" LETTER HEIGHT)</p>			<p>FURNISHED BY CITY UTILITIES</p> <p>6. 2 4 TERMINAL METER FOR 1ϕ 120/240 V 5 TERMINAL METER FOR 1ϕ 120/208 V 7 TERMINAL METER FOR 1ϕ/3ϕ 120/240 V 7 TERMINAL METER FOR 1ϕ/3ϕ 120/208 V</p>		

GENERAL NOTES

- CUSTOMER TO VERIFY SIZE AND LOCATION OF ALL SERVICE EQUIPMENT WITH CITY UTILITIES AND APPROPRIATE INSPECTION AUTHORITY BEFORE BEGINNING WORK.
- WHEN SERVICE ENTRANCE CONDUCTORS ARE INSTALLED AS PARALLEL RUNS, ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH 2017 NEC ARTICLE 310.4.
- SEPARATE MAIN DISCONNECTS ARE REQUIRED FOR EACH METER.
- FOR COMMERCIAL AND STRIP CENTER INSTALLATIONS, 200 AMP IS THE MINIMUM RECOMMENDED SIZE FOR INDIVIDUAL SERVICE DISCONNECTS.
- FOR 3 ϕ SERVICE CHECK AND TAG SERVICE TO INDICATE CLOCKWISE (CW) OR COUNTER-CLOCKWISE (CCW) ROTATION AT THE METER.
- SEE SU-GN3 FOR PANEL CONNECTION DETAIL WHEN INSTALLING A 120/240 VOLT 4-WIRE COMBINATION SERVICE.
- CHECK WITH LOCAL INSPECTION AUTHORITY TO VERIFY REQUIREMENTS FOR GROUNDING ELECTRODE CONDUCTOR SIZE AND TYPE OF GROUNDING ELECTRODE TO BE USED. ALL GROUNDING TO MEET 2017 NEC ARTICLE 250.

**ELECTRICAL SERVICE STANDARD
CITY UTILITIES OF SPRINGFIELD MO.**

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FILE:
SU-MS2

APPROVED:
10/29/14

SERVICE UNDERGROUND
METER STACK SERVICE
2-METERS MAXIMUM
400 AMP MAXIMUM

REVISED:
03/30/18

SHEET
OF 1

STD. NO.
SU-MS2