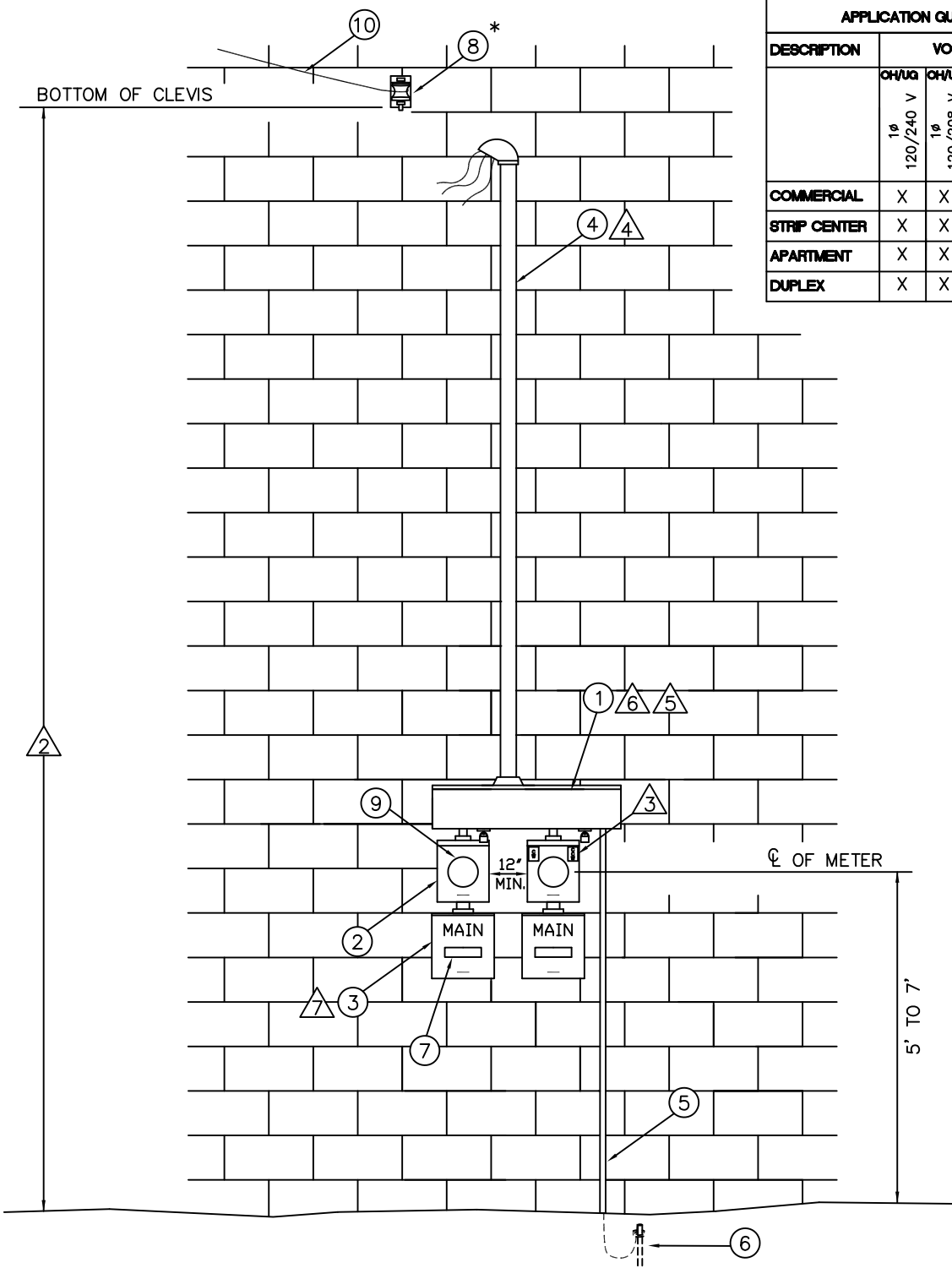


SO-MG2



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

<p>△ GENERAL NOTES</p> <p>SEE PAGE 2 FOR NOTES</p>	<p>ELECTRIC SERVICE STANDARD CITY UTILITIES OF SPRINGFIELD MO.</p>		
	<p>DRAWN BY: G.GUEVARA</p> <p>REV BY: K.DENTON</p> <p>FILE: SO-MG21</p>	<p>SERVICE OVERHEAD 2-METER GUTTER SERVICE 400 AMP MAXIMUM</p>	
<p>APPROVED: 10/29/14</p>	<p>REVISED: 03/12/18</p>	<p>SHEET OF 1 OF 2</p>	<p>STD. NO. SO-MG2</p>

MATERIAL LIST

QTY.	DESCRIPTION	STOCK NO.	QTY.	DESCRIPTION	STOCK NO.
	FURNISHED and INSTALLED BY CUSTOMER			FURNISHED BY CITY UTILITIES	
1.	1 GUTTER (RAINTIGHT AND HAVE PROVISION FOR LOCKING) - Δ FOR THIS SPECIFICATION MINIMUM SIZE OF GUTTER 8' x 8' x LENGTH AS REQUIRED. THE GUTTER SHALL NOT BE SMALLER THAN ALLOWED BY 2011 NEC 366		*8.	1 INSULATED NEUTRAL CLEVIS	102183
2.	2 METER ENCLOSURE, (RAINTIGHT) 4 TERMINAL SOCKET FOR 1 \emptyset 120/240 V. 5 TERMINAL SOCKET FOR 1 \emptyset 120/208 V. 7 TERMINAL SOCKET FOR 1 \emptyset /3 \emptyset 120/240 V. 7 TERMINAL SOCKET FOR 1 \emptyset /3 \emptyset 120/208 V.		9.	2 4 TERMINAL METER FOR 1 \emptyset 120/240 V. 2 5 TERMINAL METER FOR 1 \emptyset 120/208 V. 7 TERMINAL METER FOR 1 \emptyset /3 \emptyset 120/240 V. 7 TERMINAL METER FOR 1 \emptyset /3 \emptyset 120/208 V.	
3.	2 SERVICE DISCONNECT RRAINTIGHT - Δ Δ		10.	AS REQD SERVICE DROP CONDUCTOR SIZE & LENGTH AS REQUIRED	
4.	AS REQD SERVICE ENTRANCE CONDUIT(S) AND CONDUCTORS (SIZE AS REQUIRED BY CITY OR COUNTY INSPECTOR)				
5.	AS REQD GROUNDING ELECTRODE CONDUCTOR - Δ				
6.	AS REQD GROUNDING ELECTRODE - Δ				
7.	2 SERVICE ADDRESS TAG (PERMANENTLY ATTACHED MINIMUM 3/8" LETTER HEIGHT)				
				*FURNISHED BY CITY UTILITIES INSTALLED BY CUSTOMER PICK UP AT 825 N. BELCREST	



GENERAL NOTES

- CUSTOMER TO VERIFY SIZE AND LOCATION OF ALL SERVICE EQUIPMENT WITH CITY UTILITIES AND APPROPRIATE INSPECTION AUTHORITY BEFORE BEGINNING WORK.
- SEE SO-CLEAR FOR SERVICE ATTACHMENT HEIGHTS.
- FOR 3 \emptyset SERVICE CHECK AND TAG SERVICE TO INDICATE CLOCKWISE (CW) OR COUNTER-CLOCKWISE (CCW) ROTATION AT EACH METER.
- THE SERVICE ENTRANCE CONDUITS MAY EXTEND ABOVE THE ROOF AND SUPPORT THE DROP CONDUCTORS. WHEN THIS IS DONE, THE CONDUITS SHALL BE RIGID AND BE DESIGNED TO SUPPORT THE PULL OF THE SERVICE DROP CONDUCTORS UNDER ALL WEATHER CONDITIONS.
- USE INSULATED TAP BARS FOR ALL CONNECTIONS IN GUTTER, EACH BAR SHALL HAVE AT LEAST ONE OPEN TERMINAL.
- WHEN SERVICE ENTRANCE CONDUCTORS ARE INSTALLED AS PARALLEL RUNS, CONDUCTORS SHALL BE A MINIMUM OF 1/0 AWG AND ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH 2017 NEC ARTICLE 310.1H.
- FOR COMMERCIAL AND STRIP CENTER INSTALLATIONS, 200 AMP IS THE MINIMUM RECOMMENDED SIZE FOR INDIVIDUAL SERVICE DISCONNECTS.
- SEE SO-GN5 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.

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

DRAWN BY:
G.GUEVARA

REV BY:
K.DENTON

FILE:
SO-MG22

APPROVED:
10/29/14

SERVICE OVERHEAD
2-METER
GUTTER SERVICE
400 AMP MAXIMUM

REVISED:
03/12/18

SHEET
OF
2 2

STD. NO.
SO-MG2