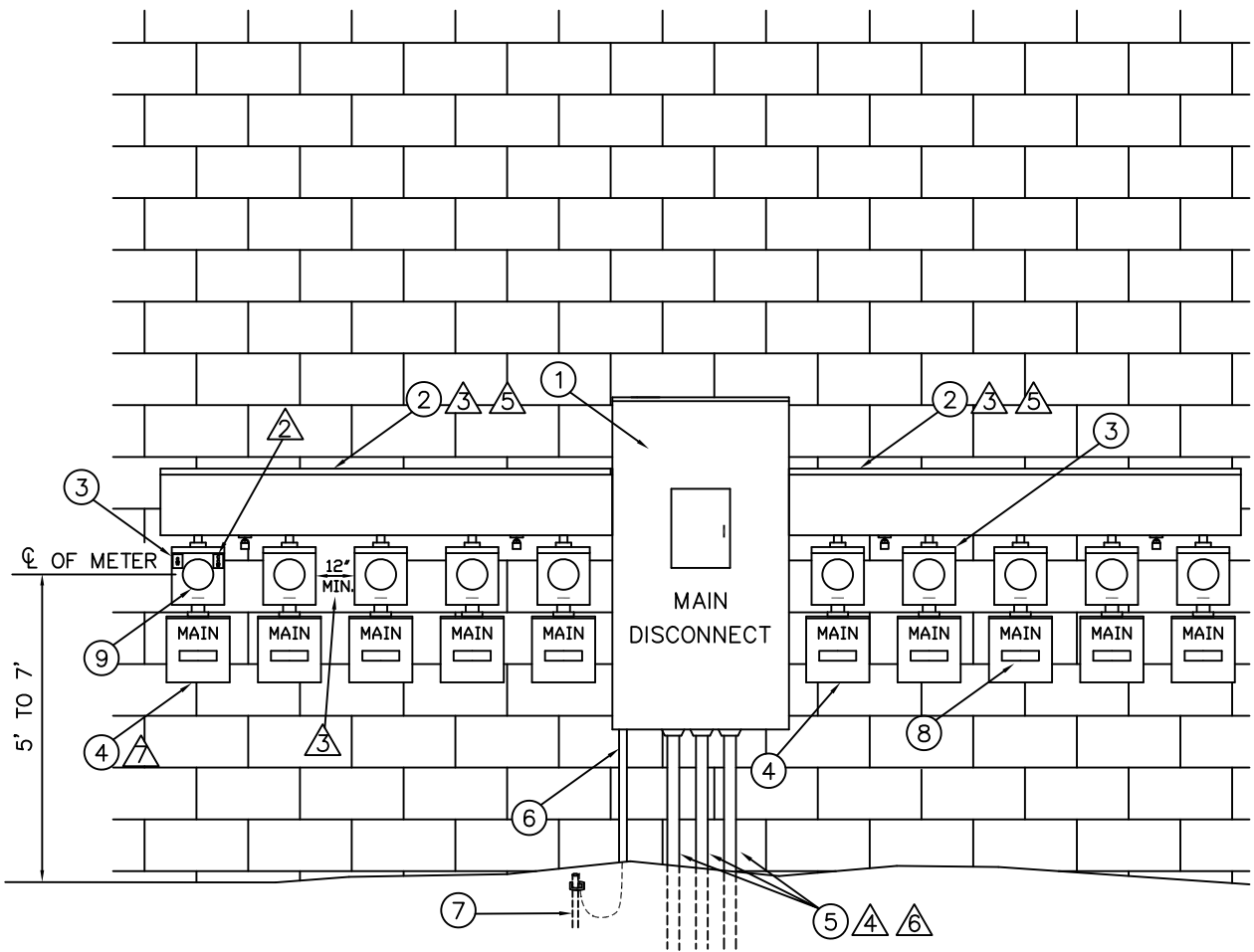


APPLICATION GUIDE				
DESCRIPTION	VOLTAGE			
	OH/UG 1 $\phi$ 120/240 V	OH/UG 1 $\phi$ 120/208 V	OH/UG 1 $\phi$ /3 $\phi$ 120/208 V	OH 1 $\phi$ /3 $\phi$ 120/240 V
COMMERCIAL	X	X	X	X
STRIP CENTER	X	X	X	X
APARTMENTS	X	X		

**NOTE:**  
THIS SERVICE MAY BE DESIGNED FOR FUTURE EXPANSION.  
IT IS INTENDED TO BE USED FOR COMMERCIAL AND STRIP CENTER  
BUILDINGS WHERE LOAD REQUIREMENTS OFTEN CHANGE TO MEET  
TENANT REQUIREMENTS.



△	GENERAL NOTES	<b>ELECTRIC SERVICE STANDARD CITY UTILITIES OF SPRINGFIELD MO.</b>		
	SEE PAGE 2 FOR NOTES	DRAWN BY: G.GUEVARA REV BY: W.BROOKS FILE: SU-MGM1 APPROVED: 08/19/02	SERVICE UNDERGROUND GUTTER SERVICE WITH MAIN DISCONNECT 7-24 METERS REVISED: 08/19/02	SHEET OF 1 OF 2 STD. NO. <b>SU-MGM</b>

**MATERIAL LIST**

QTY.	DESCRIPTION	STOCK NO.	QTY.	DESCRIPTION	STOCK NO.
	<b>FURNISHED and INSTALLED BY CUSTOMER</b>			<b>FURNISHED BY CITY UTILITIES</b>	
1.	1 MAIN SERVICE DISCONNECT (RAINTIGHT) - $\Delta$		9.	AS REQD 4 TERMINAL METER FOR 1 $\emptyset$ 120/240 V	
2.	AS REQD GUTTER (RAINTIGHT AND HAVE PROVISION FOR LOCKING) FOR 600 OR 800 AMP SERVICE THE MINIMUM RECOMMENDED SIZE IS 12' x 12' x LENGTH AS REQUIRED. - $\Delta$ FOR 1000 OR 1200 AMP SERVICE THE MINIMUM RECOMMENDED SIZE IS 16' x 16' x LENGTH AS REQUIRED. - $\Delta$ GUTTER SHALL NOT BE SMALLER THAN ALLOWED BY 2011 NEC ARTICLE 366 - $\Delta$			5 TERMINAL METER FOR 1 $\emptyset$ 120/208 V	
3.	1 PER UNIT 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			7 TERMINAL METER FOR 1 $\emptyset$ /3 $\emptyset$ 120/240 V	
4.	1 PER METER SERVICE DISCONNECT (RAINTIGHT) - $\Delta$ $\Delta$				
5.	AS REQD SERVICE LATERAL CONDUIT(S) AND CONDUCTORS - $\Delta$				
6.	AS REQD GROUNDING ELECTRODE CONDUCTOR - $\Delta$				
7.	AS REQD GROUNDING ELECTRODE - $\Delta$				
8.	AS REQD SERVICE ADDRESS TAG (PERMANENTLY ATTACHED, MINIMUM 3/8" LETTER HEIGHT)				



**GENERAL NOTES**

- CUSTOMER TO VERIFY SIZE AND LOCATION OF ALL SERVICE EQUIPMENT WITH CITY UTILITIES AND APPROPRIATE INSPECTION AUTHORITY BEFORE BEGINNING WORK.
- FOR 3 $\emptyset$  SERVICE CHECK AND TAG SERVICE TO INDICATE CLOCKWISE (CW) OR COUNTER CLOCKWISE (CCW) ROTATION AT EACH METER.
- GUTTER LENGTH SHALL ALLOW 12" MINIMUM SPACING BETWEEN METER BASES.
- YOU MUST RECEIVE PRIOR APPROVAL FROM CITY UTILITIES IF SERVICE REQUIRES MORE THAN 3 SERVICE LATERAL CONDUITS.
- GUTTERS MAY BE BUSSED TYPE OR TAP BARS MAY BE USED FOR CONNECTIONS. IF TAP BARS ARE USED EACH BAR SHALL HAVE AT LEAST ONE OPEN TERMINAL.
- WHEN SERVICE ENTRANCE CONDUCTORS ARE INSTALLED AS PARALLEL RUNS, ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH 2017 NEC ARTICLE 310.4.
- FOR COMMERCIAL AND STRIP CENTER INSTALLATIONS, 200 AMP IS THE MINIMUM RECOMMENDED SIZE FOR INDIVIDUAL SERVICE DISCONNECTS.
- 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.

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

DRAWN BY:  
G.GUEVARA

REV BY:  
K.DENTON

FILE:  
SU-MGM2

APPROVED:  
10/29/14

SERVICE UNDERGROUND  
GUTTER SERVICE  
WITH MAIN DISCONNECT  
7-24 METERS

REVISED:  
03/30/18

SHEET  
OF  
2 2

STD. NO.  
**SU-MGM**