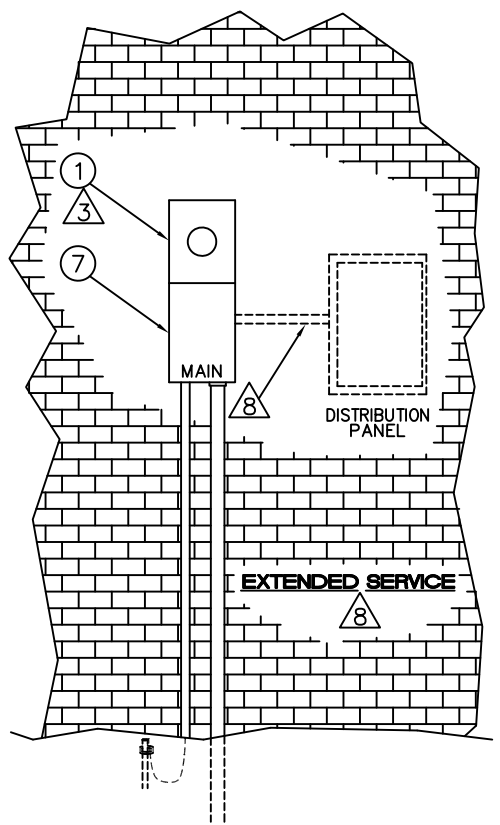
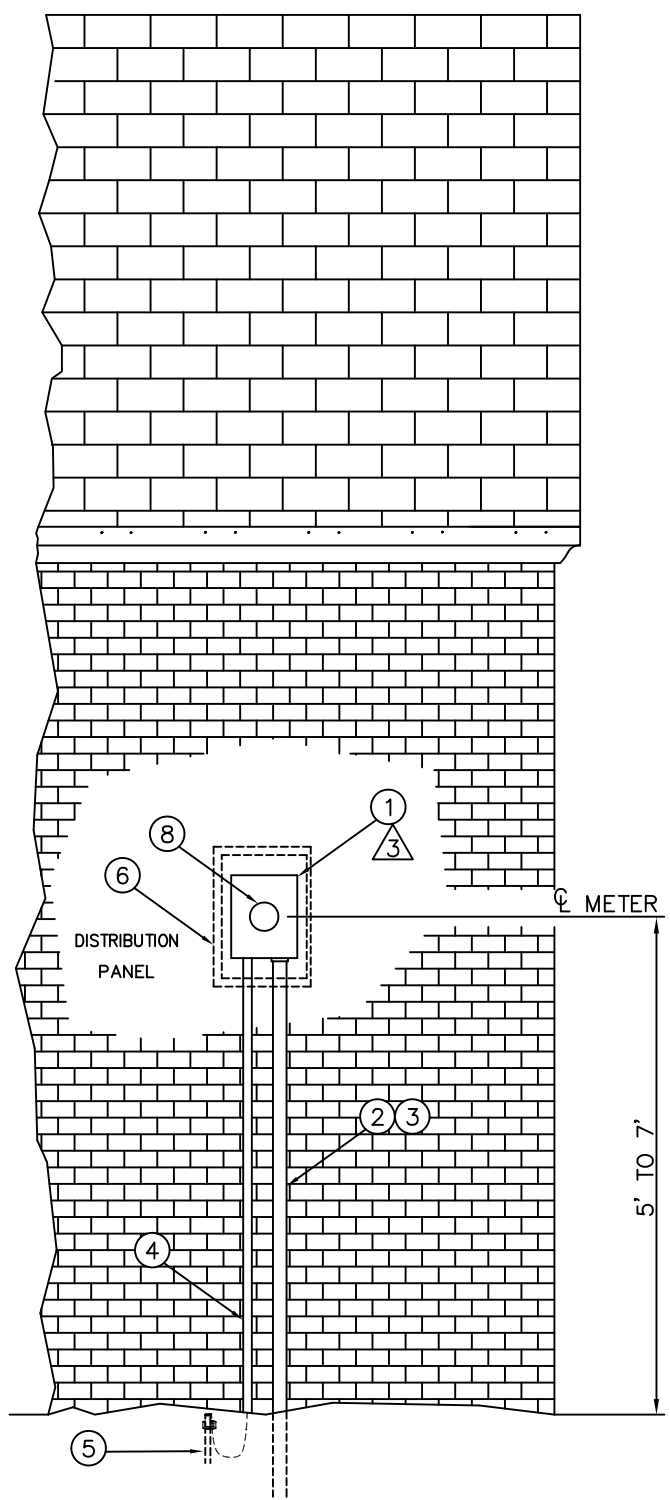


APPLICATION GUIDE				
DESCRIPTION	VOLTAGE			
	OH/UG 1 $\phi$ 120/240 V	OH/UG 1 $\phi$ 120/208 V	OH/UG 1 $\phi$ /3 $\phi$ 120/208 V	OH 1 $\phi$ /3 $\phi$ 120/240 V
COMMERCIAL	X	X	X	X
STRIP CENTER	X	X	X	X
APARTMENT	X	X	X	X
DUPLEX	X	X		
RESIDENTIAL	X			

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△ GENERAL NOTES

SEE PAGE 2 FOR NOTES

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

DRAWN BY: G.GUEVARA		SERVICE UNDERGROUND 0-200 AMP	
REV BY: K.DENTON			
FILE: SU-2001		SHEET OF 1 OF 2	STD. NO. <b>SU-200</b>
APPROVED: 10/29/14	REVISED: 03/19/18		

MATERIAL LIST

QTY.	DESCRIPTION	STOCK NO.	QTY.	DESCRIPTION	STOCK NO.
<b>FURNISHED AND INSTALLED BY CUSTOMER</b>			<b>FURNISHED AND INSTALLED BY CITY UTILITIES</b>		
1.	METER ENCLOSURE (RAINTIGHT) - $\Delta$ 4 TERMINAL SOCKET FOR 1 $\phi$ 120/240 V. 5 TERMINAL SOCKET FOR 1 $\phi$ 120/208 V. 7 TERMINAL SOCKET FOR 1 $\phi$ /3 $\phi$ 120/240 V. 7 TERMINAL SOCKET FOR 1 $\phi$ /3 $\phi$ 120/208 V.		8.	4 TERMINAL METER FOR 1 $\phi$ 120/240 V. 5 TERMINAL METER FOR 1 $\phi$ 120/208 V. 7 TERMINAL METER FOR 1 $\phi$ /3 $\phi$ 120/240 V. 7 TERMINAL METER FOR 1 $\phi$ /3 $\phi$ 120/208 V.	
2.	AS REQD SERVICE LATERAL CONDUIT (2" RIGID OR IMC METAL CONDUIT OR SCHEDULE 80 SUNLIGHT RESISTANT PVC)				
3.	AS REQD SERVICE LATERAL CONDUCTOR (SEE SU-GN1 FOR CONDUCTOR SIZE AND INSULATION TYPE)				
4.	AS REQD GROUNDING ELECTRODE CONDUCTOR - $\Delta$				
5.	AS REQD GROUNDING ELECTRODE - $\Delta$				
6.	AS REQD DISTRIBUTION PANEL WITH MAIN SERVICE - $\Delta$ $\Delta$ DISCONNECT				
OR					
7.	AS REQD MAIN SERVICE DISCONNECT - $\Delta$ PLUS DISTRIBUTION PANEL - $\Delta$ $\Delta$				



GENERAL NOTES

- ALL SERVICE EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CUSTOMER.
- OTHER MISCELLANEOUS MATERIALS WILL BE NEEDED TO COMPLETE YOUR NEW SERVICE. CHECK WITH YOUR ELECTRICAL SUPPLIER OR CONTRACTOR FOR ITEMS NOT SHOWN.
- A COMBINATION METER BASE/MAIN DISCONNECT UNIT IS ACCEPTABLE.
- CALL CITY UTILITIES IF YOU HAVE ANY QUESTIONS CONCERNING YOUR NEW ELECTRICAL SERVICE.
- AFTER YOU HAVE COMPLETED CONSTRUCTION OF YOUR NEW SERVICE CALL THE CITY OR COUNTY ELECTRICAL INSPECTOR. THEY WILL INSPECT THE SERVICE AND NOTIFY CITY UTILITIES WHEN IT IS APPROVED.
- 100 AMP MINIMUM DISCONNECT IS REQUIRED FOR ALL RESIDENTIAL SERVICES.
- A MAIN SERVICE DISCONNECT IS REQUIRED FOR ALL SERVICES.
- IF A DISTRIBUTION PANEL IS NOT LOCATED ADJACENT TO THE METER BASE, AN **EXTENDED SERVICE** MAY BE REQUIRED. THE INSPECTION AUTHORITY HAVING JURISDICTION WILL DETERMINE WHEN AN EXTENDED SERVICE IS REQUIRED.
- 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.
- CUSTOMER TO VERIFY SIZE AND LOCATION OF ALL SERVICE EQUIPMENT WITH THE APPROPRIATE INSPECTION AUTHORITY BEFORE BEGINNING ANY WORK.

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

DRAWN BY:  
G.GUEVERA

REV BY:  
K.DENTON

FILE:  
SU-2002

APPROVED:  
10/29/14

REVISED:  
03/19/18

2 SHEET  
OF 2

STD. NO.  
**SU-200**

SERVICE UNDERGROUND  
0-200 AMP