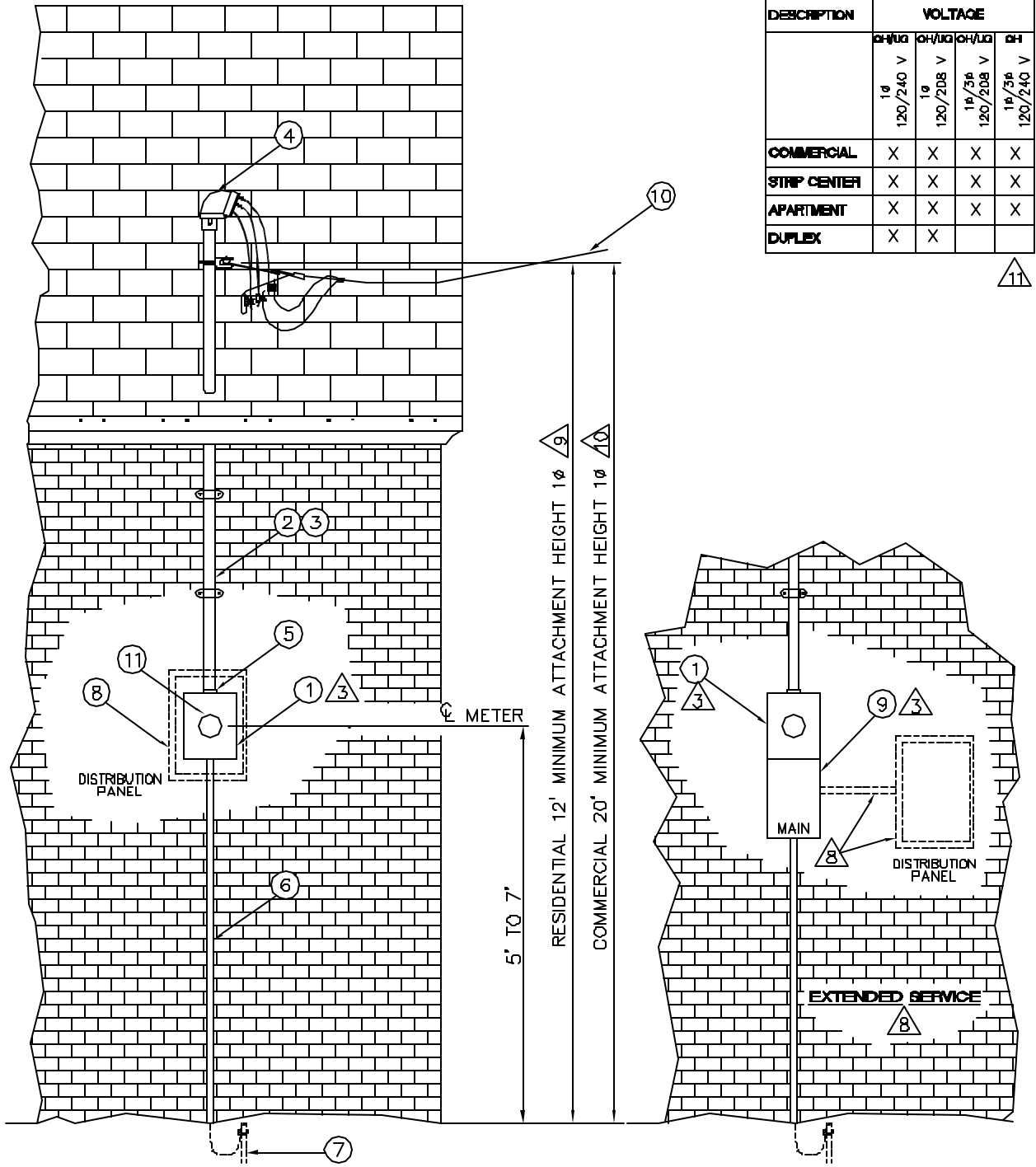


APPLICATION GUIDE				
DESCRIPTION	VOLTAGE			
	OH/UG 1Ø 120/240 V	OH/UG 1Ø 120/208 V	OH/UG 1Ø/3Ø 120/208 V	OH 1Ø/3Ø 120/240 V
COMMERCIAL	X	X	X	X
STRIP CENTER	X	X	X	X
APARTMENT	X	X	X	X
DUPLEX	X	X		



**GENERAL NOTES**

SEE PAGE 2 FOR NOTES

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

DRAWN BY: G.GUEVARA		SERVICE OVERHEAD 0-200 AMP	
REV BY: W.BROOKS			
FILE: SO-2001			
APPROVED: 08/19/02	REVISED: 08/16/02	SHEET OF 1 OF 2	STD. NO. <b>SO-200</b>

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.	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.		10.	AS REQD SERVICE DROP CONDUCTOR SIZE AND LENGTH AS REQUIRED.	
2.	AS REQD SERVICE ENTRANCE CONDUIT (2" RIGID OR IMC METAL CONDUIT)		11.	AS REQD 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.	
3.	AS REQD SERVICE ENTRANCE CONDUCTOR (SEE SO-GN1 FOR CONDUCTOR SIZE AND INSULATION TYPE)				
4.	1 2" WEATHERHEAD				
5.	1 2" HUB (RAINTIGHT)				
6.	AS REQD GROUNDING ELECTRODE CONDUCTOR - $\Delta$				
7.	AS REQD GROUNDING ELECTRODE - $\Delta$				
8.	AS REQD DISTRIBUTION PANEL WITH MAIN SERVICE - $\Delta$ $\Delta$				
OR					
9.	AS REQD MAIN SERVICE DISCONNECT - $\Delta$ PLUS DISTRIBUTION PANEL - $\Delta$ $\Delta$				

$\Delta$  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.
- 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.
- SERVICE ATTACHMENT HEIGHT MAY NEED TO BE INCREASED TO OBTAIN A MINIMUM 18' CLEARANCE FOR SERVICE DROP CONDUCTORS OVER STREETS AND DRIVEWAYS.
- SERVICE ATTACHMENT HEIGHT MAY NEED TO BE INCREASED TO OBTAIN A MINIMUM 18' CLEARANCE FOR SERVICE DROP CONDUCTORS OVER STREETS AND DRIVEWAYS.
- SEE SO-GN6 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 2005 NEC ARTICLE 250.
- CUSTOMER TO VERIFY SIZE AND LOCATION OF ALL SERVICE EQUIPMENT WITH APPROPRIATE INSPECTION AUTHORITY BEFORE BEGINNING ANY WORK.

<b>ELECTRIC SERVICE STANDARD CITY UTILITIES OF SPRINGFIELD MO.</b>			
DRAWN BY: G.GUEVARA		SERVICE OVERHEAD 0-200 AMP	
REV BY: W.BROOKS			
FILE: SO-2002			
APPROVED: 08/21/06	REVISED: 06/01/06	2 SHEET OF 2	STD. NO. <b>50-200</b>