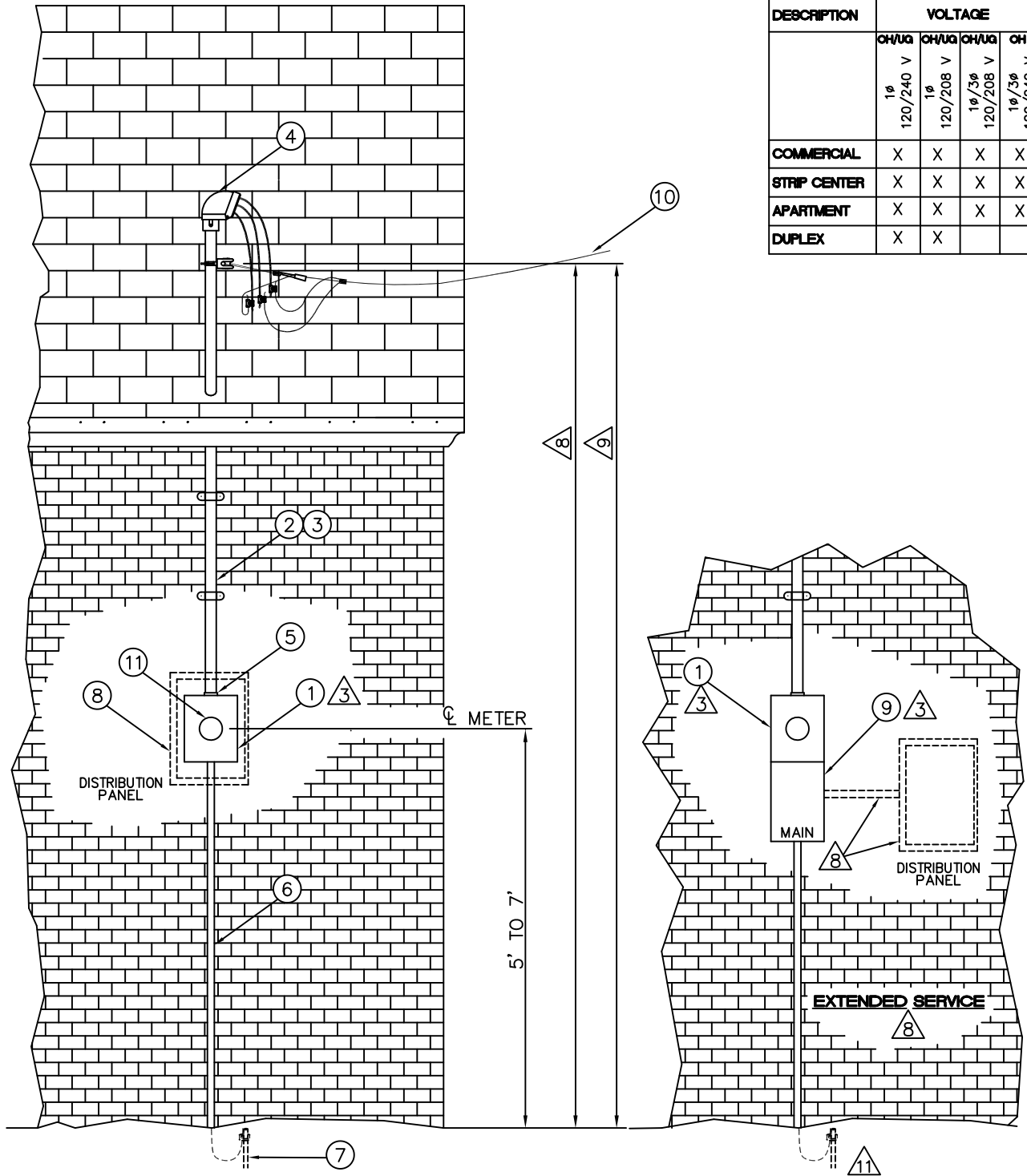


APPLICATION GUIDE				
DESCRIPTION	VOLTAGE			
	1 ϕ 120/240 V	1 ϕ 120/208 V	1 ϕ /3 ϕ 120/208 V	1 ϕ /3 ϕ 120/240 V
COMMERCIAL	X	X	X	X
STRIP CENTER	X	X	X	X
APARTMENT	X	X	X	X
DUPLEX	X	X		



△	GENERAL NOTES	ELECTRIC SERVICE STANDARD CITY UTILITIES OF SPRINGFIELD MO.			
SEE PAGE 2 FOR NOTES		DRAWN BY: G.GUEVARA		SERVICE OVERHEAD 0-200 AMP	
		REV BY: K.DENTON			
		FILE: SO-2001			
		APPROVED: 10/29/14	REVISED: 03/01/18		

MATERIAL LIST

QTY.	DESCRIPTION	STOCK NO.	QTY.	DESCRIPTION	STOCK NO.
FURNISHED AND INSTALLED BY CUSTOMER			FURNISHED AND INSTALLED BY CITY UTILITIES		
1.	METER ENCLOSURE (RAINTIGHT) - Δ 4 TERMINAL SOCKET FOR 1 ϕ 120/240 V. 5 TERMINAL SOCKET FOR 1 ϕ 120/208 V. 7 TERMINAL SOCKET FOR 1 ϕ /3 ϕ 120/240 V. 7 TERMINAL SOCKET FOR 1 ϕ /3 ϕ 120/208 V.		10.	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 ϕ 120/240 V. 5 TERMINAL METER FOR 1 ϕ 120/208 V. 7 TERMINAL METER FOR 1 ϕ /3 ϕ 120/240 V. 7 TERMINAL METER FOR 1 ϕ /3 ϕ 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 - Δ				
7.	AS REQD GROUNDING ELECTRODE - Δ				
8.	AS REQD DISTRIBUTION PANEL WITH MAIN SERVICE - Δ Δ DISCONNECT				
OR					
9.	AS REQD MAIN SERVICE DISCONNECT - Δ PLUS DISTRIBUTION PANEL - Δ Δ				



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.
- SEE SO-CLEAR FOR SERVICE ATTACHMENT HEIGHTS.
- 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 2017 NEC ARTICLE 250.
- CUSTOMER TO VERIFY SIZE AND LOCATION OF ALL SERVICE EQUIPMENT WITH APPROPRIATE INSPECTION AUTHORITY BEFORE BEGINNING ANY WORK.

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

DRAWN BY: G.GUEVARA	SERVICE OVERHEAD 0-200 AMP		
REV BY: K. DENTON			
FILE: SO-2002			
APPROVED: 10/29/14	REVISED: 06/01/06	SHEET OF 2	STD. NO. SO-200