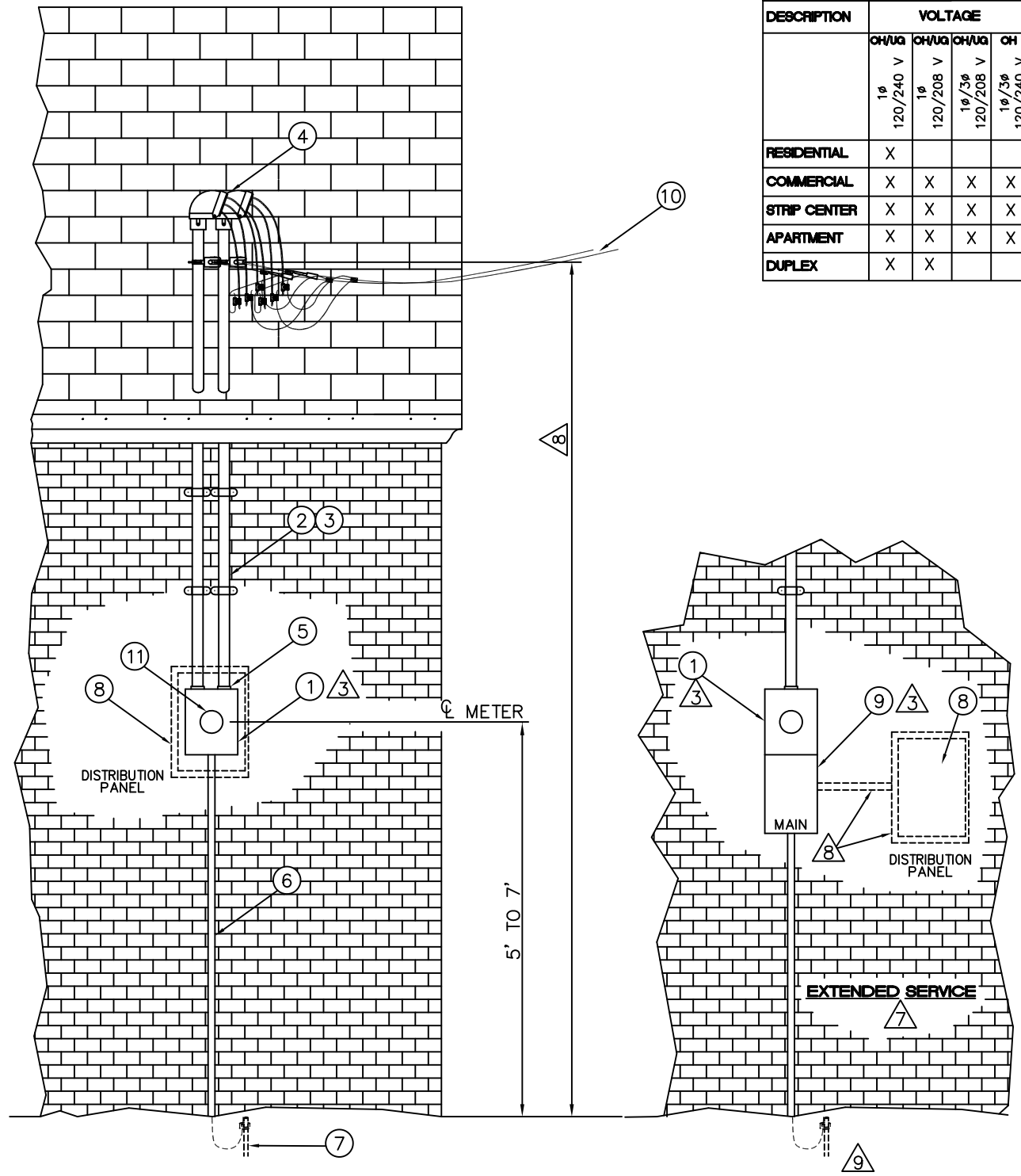


APPLICATION GUIDE				
DESCRIPTION	VOLTAGE			
	1 ϕ 120/240 V	1 ϕ 120/208 V	1 ϕ /3 ϕ 120/208 V	1 ϕ /3 ϕ 120/240 V
RESIDENTIAL	X			
COMMERCIAL	X	X	X	X
STRIP CENTER	X	X	X	X
APARTMENT	X	X	X	X
DUPLEX	X	X		



△	GENERAL NOTES	ELECTRIC SERVICE STANDARD CITY UTILITIES OF SPRINGFIELD MO.			
SEE PAGE 2 FOR NOTES		DRAWN BY: W.BROOKS		SERVICE OVERHEAD 201-320 AMP	
		REV BY: K.DENTON			
		FILE: SO-3201			
		APPROVED: 10/29/14	REVISED: 03/07/18	SHEET OF 1 OF 2	STD. NO. SO-320

MATERIAL LIST

QTY.	DESCRIPTION	STOCK NO.	QTY.	DESCRIPTION	STOCK NO.
FURNISHED AND INSTALLED BY CUSTOMER			FURNISHED AND INSTALLED BY CITY UTILITIES		
1.	1	METER ENCLOSURE (RAINTIGHT) - Δ 4 TERMINAL SOCKET FOR 1 ϕ 120/240 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 ϕ 120/240 V.	
3.	AS REQD	SERVICE ENTRANCE CONDUCTOR (SEE SO-GN1 FOR CONDUCTOR SIZE AND INSULATION TYPE)			
4.	2	2" WEATHERHEAD			
5.	2	2" HUB (RAINTIGHT)			
6.	AS REQD	GROUNDING ELECTRODE CONDUCTOR - Δ			
7.		GROUNDING ELECTRODE - Δ			
8.	AS REQD	DISTRIBUTION PANEL WITH MAIN SERVICE - Δ DISCONNECT (SIZE AS REQUIRED BY APPROPRIATE INSPECTION AUTHORITY).			
OR					
9.	AS REQD	MAIN SERVICE DISCONNECT - Δ PLUS DISTRIBUTION PANEL (SIZE AND TYPE AS - Δ REQUIRED BY APPROPRIATE INSPECTION AUTHORITY).			



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 APPROPRIATE INSPECTION AUTHORITY. 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.
- 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:
W.BROOKS
REV BY:
K. DENTON
FILE:
SO-3202

SERVICE OVERHEAD
201-320 AMP

APPROVED: 10/29/14 REVISED: 03/07/18 2 SHEET OF 2 STD. NO. **SO-320**