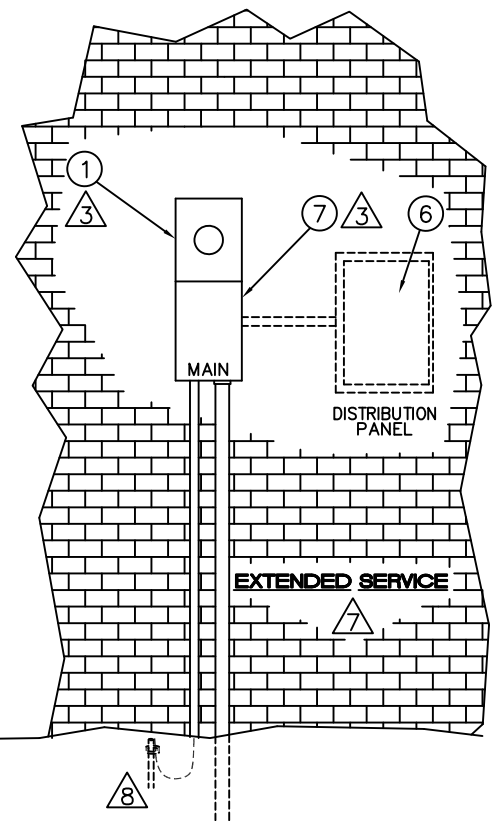
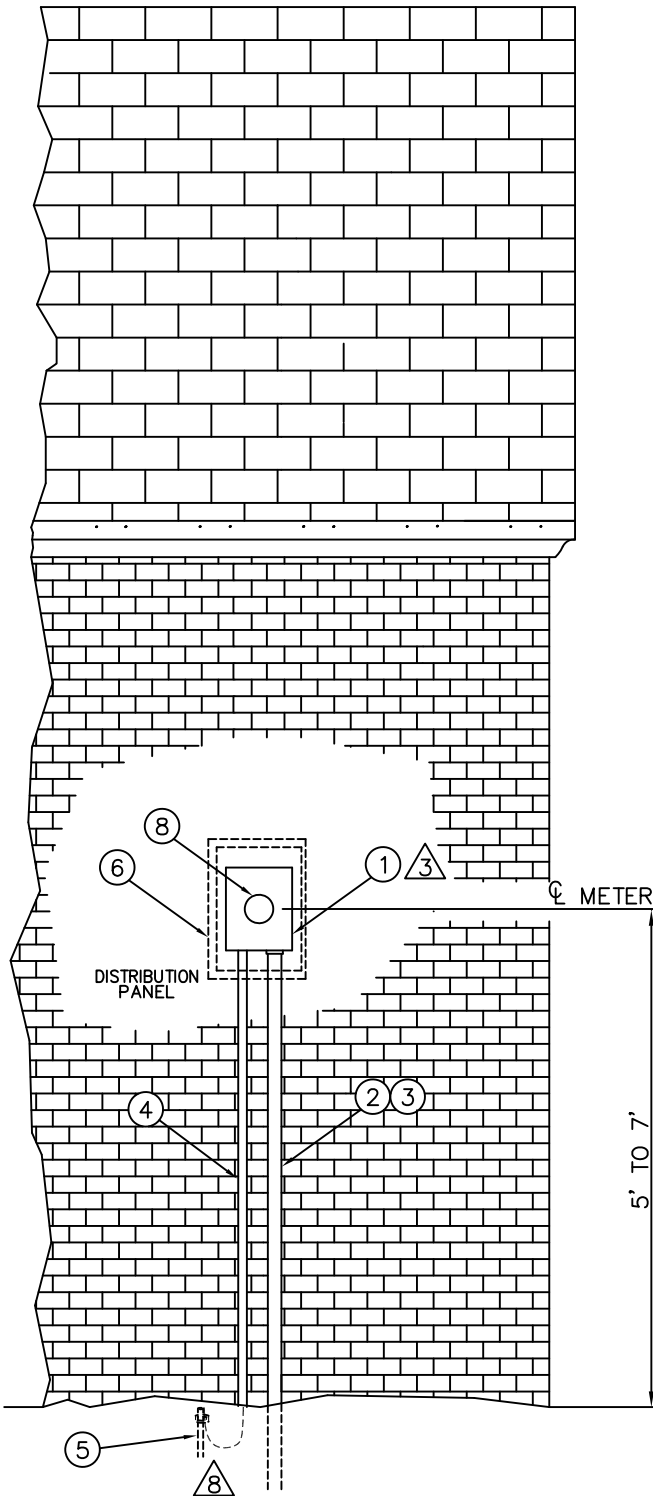


APPLICATION GUIDE					
DESCRIPTION	VOLTAGE				
	OH/UG 1 ϕ 120/240 V	OH/UG 1 ϕ 120/208 V	OH/UG 1 ϕ /3 ϕ 120/208 V	OH 1 ϕ /3 ϕ 120/240 V	OH/UG 3 ϕ 277/480 V
COMMERCIAL	X	X	X	X	X
STRIP CENTER	X	X	X	X	X
APARTMENT	X	X	X	X	X
DUPLEX	X	X			
RESIDENTIAL	X				



△	GENERAL NOTES	ELECTRIC SERVICE STANDARD CITY UTILITIES OF SPRINGFIELD MO.			
SEE PAGE 2 FOR NOTES		DRAWN BY: W.BROOKS		SERVICE UNDERGROUND 201-320 AMP	
		REV BY: K.DENTON			
		FILE: SU-3201			
		APPROVED: 10/29/14	REVISED: 03/19/18	SHEET OF 1 OF 2	STD. NO. SU-320

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.		8.	4 TERMINAL METER FOR 1 ϕ 120/240 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 - Δ				
5.	AS REQD GROUNDING ELECTRODE - Δ				
6.	AS REQD DISTRIBUTION PANEL WITH MAIN SERVICE - Δ DISCONNECT				
7.	AS REQD MAIN SERVICE DISCONNECT - $\Delta\Delta$ PLUS DISTRIBUTION PANEL				



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.
- 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:
W.BROOKS
REV BY:
K.DENTON
FILE:
SU-3202

SERVICE UNDERGROUND
201-320 AMP

APPROVED: 10/29/14 REVISED: 03/19/18 2 SHEET OF 2 STD. NO. **SU-320**