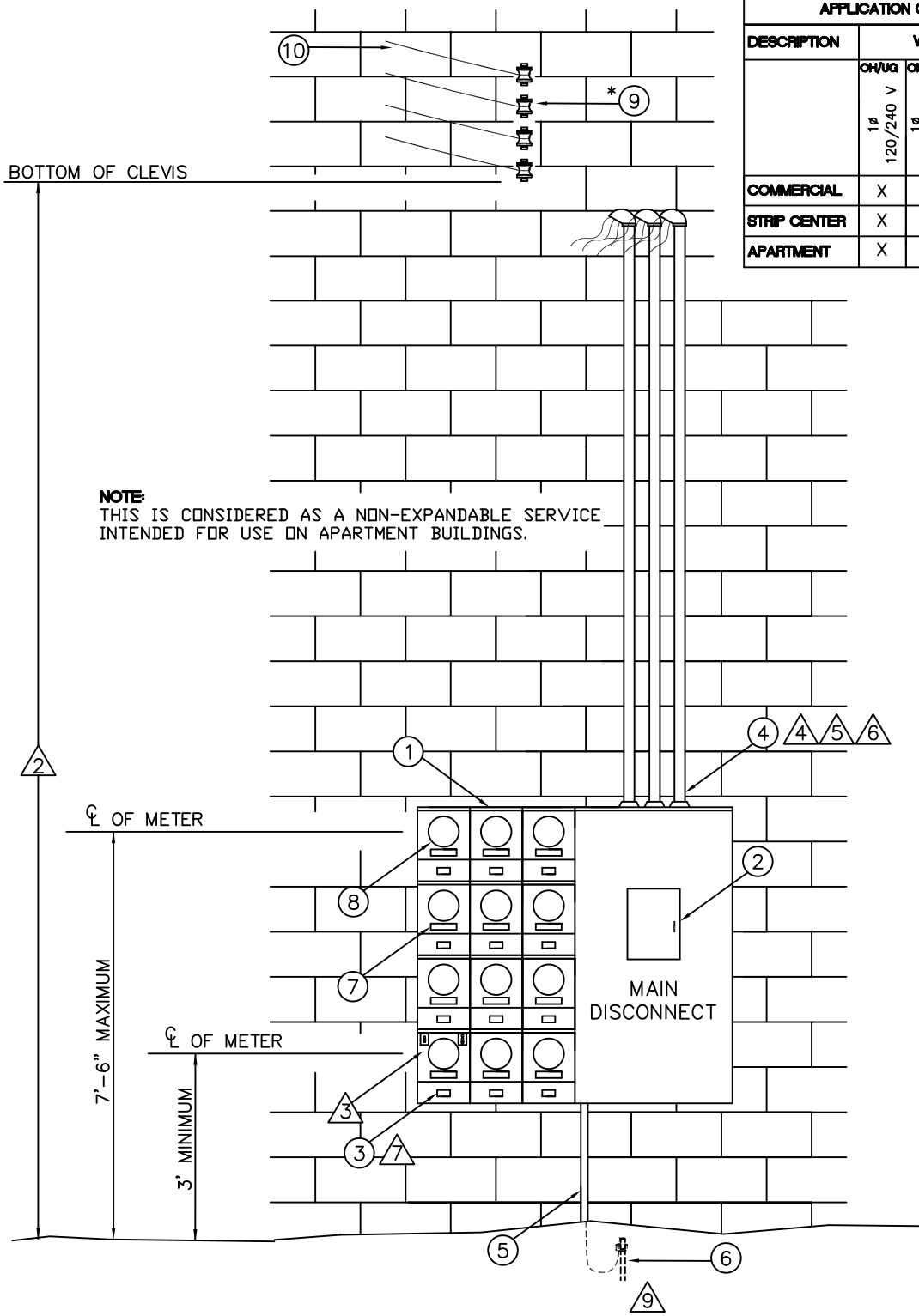


APPLICATION GUIDE				
DESCRIPTION	VOLTAGE			
	OH/UG 1 ϕ 120/240 V	OH/UG 1 ϕ 120/208 V	OH/UG 1 ϕ /3 ϕ 120/208 V	OH 1 ϕ /3 ϕ 120/240 V
COMMERCIAL	X	X	X	X
STRIP CENTER	X	X	X	X
APARTMENT	X	X		



△	GENERAL NOTES	ELECTRIC SERVICE STANDARD CITY UTILITIES OF SPRINGFIELD MO.		
	SEE PAGE 2 FOR NOTES	DRAWN BY: G.GUEVARA REV BY: K.DENTON FILE: SO-MSM1 APPROVED: 10/29/14	SERVICE OVERHEAD METER STACK SERVICE WITH MAIN DISCONNECT 7-24 METERS REVISED: 03/13/18	SHEET OF 1 OF 2 STD. NO. SO-MSM

MATERIAL LIST

QTY.	DESCRIPTION	STOCK NO.	QTY.	DESCRIPTION	STOCK NO.
FURNISHED and INSTALLED BY CUSTOMER			FURNISHED BY CITY UTILITIES		
1. AS REQD	METER STACK (RAINTIGHT, SEALABLE) 7 TO 24 METER BASES, AMP RATING OF BUSS, SIZED AS REQUIRED - Δ 4 TERMINAL SOCKET FOR 1 \emptyset 120/240 V. 5 TERMINAL SOCKET FOR 1 \emptyset 120/208 V. 7 TERMINAL SOCKET FOR 1 \emptyset /3 \emptyset 120/240 V. 7 TERMINAL SOCKET FOR 1 \emptyset /3 \emptyset 120/208 V.		8. AS REQD	4 TERMINAL METER FOR 1 \emptyset 120/240 V. 5 TERMINAL METER FOR 1 \emptyset 120/208 V. 7 TERMINAL METER FOR 1 \emptyset /3 \emptyset 120/240 V. 7 TERMINAL METER FOR 1 \emptyset /3 \emptyset 120/208 V.	
2. 1	MAIN SERVICE DISCONNECT (RAINTIGHT), AMP RATING OF BUSS, SIZED AS REQUIRED - Δ		*9. AS REQD	3 - INSULATED SPOOL, BROWN 1 - INSULATED SPOOL, WHITE	130094 130121
3. 1 PER METER	MAIN BREAKER (ONE FOR EACH METER) - Δ Δ		10. AS REQD	SERVICE DROP CONDUCTOR SIZE AND LENGTH REQUIRED	
4. AS REQD	SERVICE ENTRANCE CONDUIT(S) AND CONDUCTORS - Δ				
5. AS REQD	GROUNDING ELECTRODE CONDUCTOR - Δ				
6. AS REQD	GROUNDING ELECTRODE - Δ				
7. AS REQD	SERVICE ADDRESS TAG (PERMANENTLY ATTACHED MINIMUM 3/8" LETTER HEIGHT)				
				*FURNISHED BY CITY UTILITIES INSTALLED BY CUSTOMER PICK UP AT 825 N. BELCREST	



GENERAL NOTES

- CUSTOMER TO VERIFY SIZE AND LOCATION OF ALL SERVICE EQUIPMENT WITH CITY UTILITIES AND APPROPRIATE INSPECTION AUTHORITY BEFORE BEGINNING WORK.
- SEE SO-CLEAR FOR SERVICE ATTACHMENT HEIGHTS.
- FOR 3 \emptyset SERVICE CHECK AND TAG SERVICE TO INDICATE CLOCKWISE (CW) OR COUNTER-CLOCKWISE (CCW) ROTATION AT EACH METER.
- SERVICE ENTRANCE CONDUITS MAY EXTEND ABOVE THE ROOF AND SUPPORT THE SERVICE DROP CONDUCTORS. WHEN THIS IS DONE, THE CONDUITS SHALL BE RIGID AND BE DESIGNED TO SUPPORT THE PULL OF THE SERVICE DROP CONDUCTORS UNDER ALL WEATHER CONDITIONS.
- YOU MUST RECEIVE PRIOR APPROVAL FROM CITY UTILITIES IF SERVICE REQUIRES MORE THAN 3 SERVICE ENTRANCE RISERS.
- WHEN SERVICE ENTRANCE CONDUCTORS ARE INSTALLED AS PARALLEL RUNS, ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH 2017 NEC ARTICLE 310.1H.
- FOR COMMERCIAL AND STRIP CENTER INSTALLATIONS, 200 AMP IS THE MINIMUM RECOMMENDED SIZE FOR INDIVIDUAL SERVICE DISCONNECTS.
- SEE SO-GN5 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.

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

DRAWN BY:
G.GUEVARA

REV BY:
K.DENTON

FILE:
SO-MSM2

APPROVED:
10/29/14

REVISED:
03/13/18

SHEET
OF
2 2

STD. NO.
SO-MSM

SERVICE OVERHEAD
METER STACK SERVICE
WITH MAIN DISCONNECT
7-24 METERS