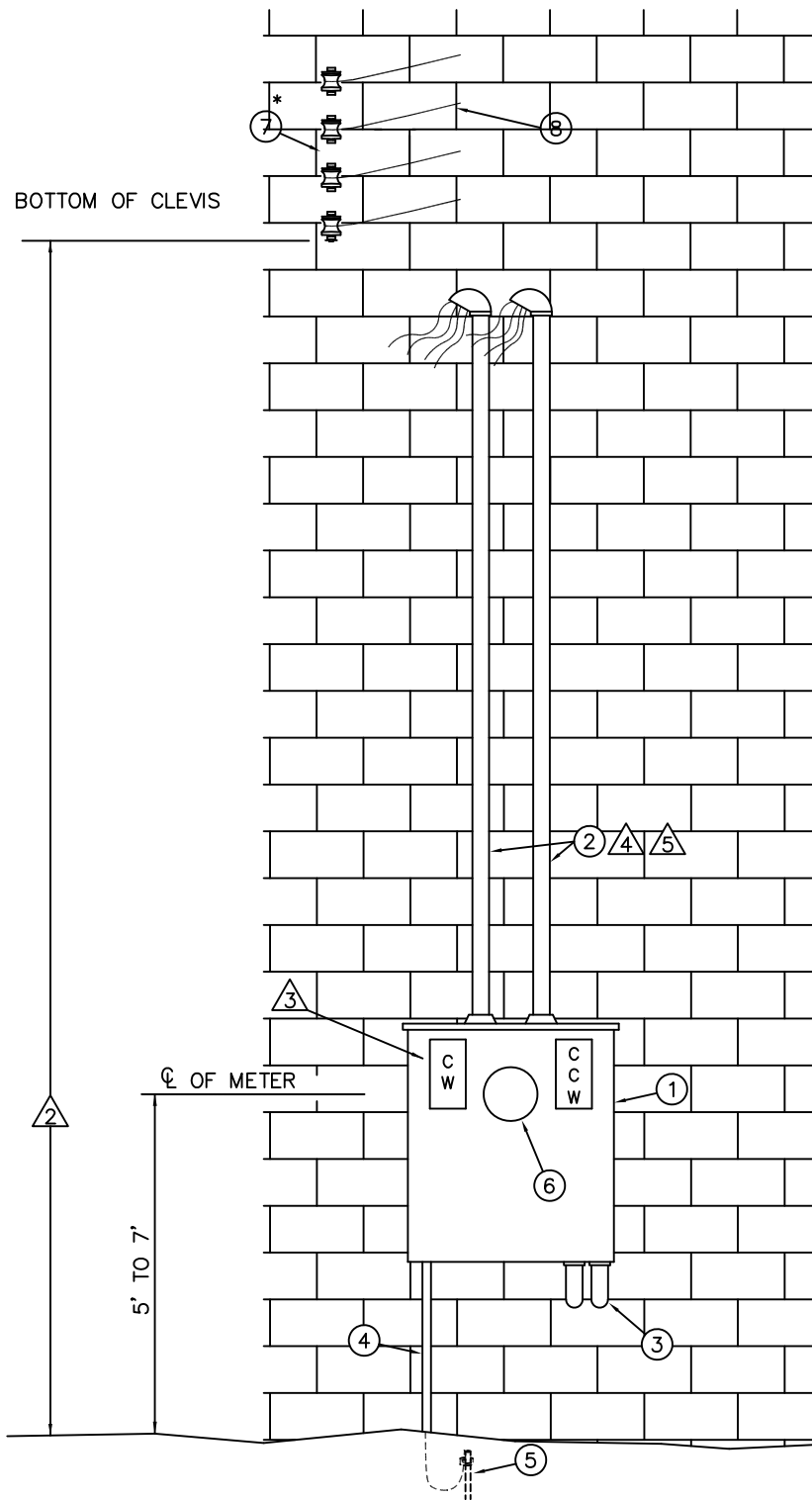


SO-3†-400

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

△6



△ GENERAL NOTES

SEE PAGE 2 FOR NOTES

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

DRAWN BY: G.GUEVARA	SERVICE OVERHEAD COMBINATION 1 ϕ /3 ϕ 400 AMP SELF CONTAINED
REV BY: K.DENTON	
FILE: SO-3-401	
APPROVED: 10/29/14	REVISD: 03/07/18
SHEET OF 1 2	STD. NO. SO-3†-400

MATERIAL LIST

QTY.	DESCRIPTION	STOCK NO.	QTY.	DESCRIPTION	STOCK NO.
	FURNISHED and INSTALLED BY CUSTOMER			FURNISHED BY CITY UTILITIES	
1.	1 METER ENCLOSURE (RAINTIGHT) (FOR BOLT-IN 7 TERMINAL METER)		6.	1 7 TERMINAL BOLT-IN METER	
2.	AS REQD SERVICE ENTRANCE CONDUIT(S) AND -△ CONDUCTORS		*7.	AS REQD 3 - INSULATED SPOOL, BROWN 1 - INSULATED SPOOL, WHITE	130094 130121
3.	AS REQD LOAD SIDE CONDUIT(S) AND CONDUCTORS TO CUSTOMER'S DISCONNECT SWITCH		8.	AS REQD SERVICE DROP CONDUCTOR. SIZE AND LENGTH AS REQUIRED	
4.	AS REQD GROUNDING ELECTRODE CONDUCTOR				
5.	AS REQD GROUNDING ELECTRODE - △				
				• 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.
- CHECK AND TAG SERVICE TO INDICATE CLOCKWISE (CW) OR COUNTER-CLOCKWISE (CCW) ROTATION AT THE METER.
- THE SERVICE ENTRANCE CONDUITS MAY EXTEND ABOVE THE ROOF AND SUPPORT THE SERVICE DROP CONDUCTORS. WHEN THIS IS DONE, THE CONDUITS SHALL BE DESIGNED TO SUPPORT THE PULL OF THE SERVICE DROP CONDUCTORS UNDER ALL WEATHER CONDITIONS.
- A FULL SIZE NEUTRAL CONDUCTOR IS REQUIRED IN EACH RISER.
- 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.
- WHEN SERVICE ENTRANCE CONDUCTORS ARE INSTALLED AS PARALLEL RUNS, ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH 2017 NEC ARTICLE 310.1H.

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

DRAWN BY: G.GUEVARA	SERVICE OVERHEAD COMBINATION 1φ/3φ 400 AMP SELF CONTAINED		
REV BY: K.DENTON			
FILE: SO-3-402			
APPROVED: 10/29/14	REVISD: 03/15/18	SHEET OF 2 2	STD. NO. SO-31-400