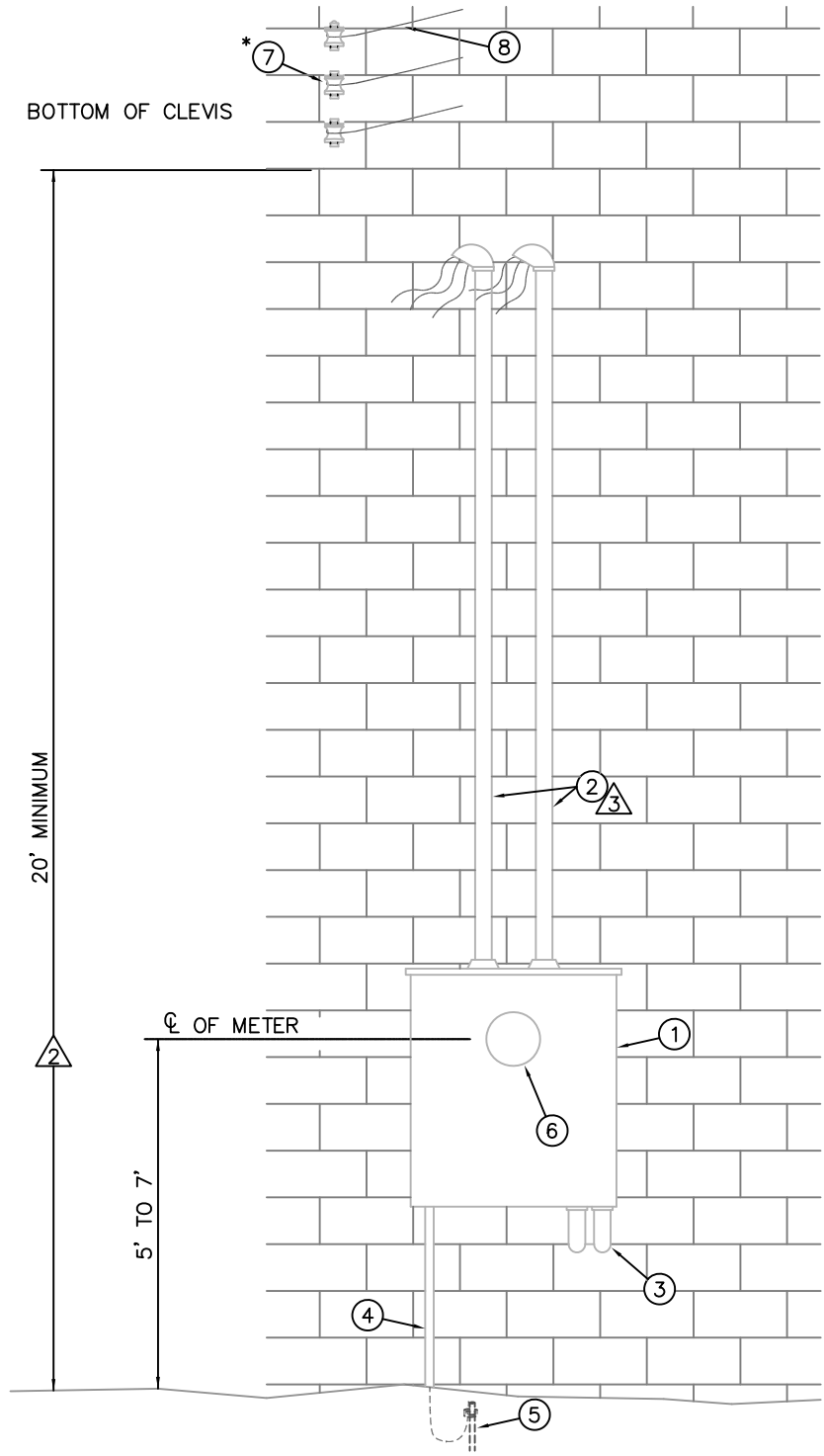


# SO-1-400

## APPLICATION GUIDE

DESCRIPTION	VOLTAGE
	OH/UG 1 $\phi$ 120/240 V
COMMERCIAL	X
RESIDENTIAL	X



### GENERAL NOTES

SEE PAGE 2 FOR NOTES

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

DRAWN BY:  
G.GUEVARA

REV BY:  
K.DENTON

FILE:  
SO-1-401

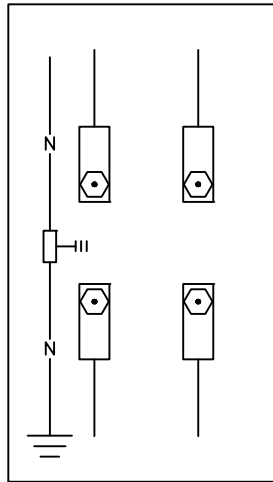
APPROVED:  
08/19/02

SERVICE OVERHEAD  
1 $\phi$   
400 AMP SELF CONTAINED

REVISED:  
03/01/18

SHEET  
OF  
1 OF 2

STD. NO.  
**SO-1-400**



4-TERMINAL METER BASE  
 "BOLT-IN METER"  
 120/240 VOLTS, 3 WIRE  
 SINGLE PHASE ONLY  
 201-400 AMPS  
 (FORM 2K METER)

MATERIAL LIST

QTY.	DESCRIPTION	STOCK NO.	QTY.	DESCRIPTION	STOCK NO.
<b>FURNISHED AND INSTALLED BY CUSTOMER</b>			<b>FURNISHED BY CITY UTILITIES</b>		
1.	1 METER ENCLOSURE (RAINTIGHT) (FOR BOLT-IN 4 TERMINAL METER)		6.	1 4 TERMINAL BOLT-IN METER	
2.	AS REQD SERVICE ENTRANCE CONDUIT(S) AND - Δ CONDUCTORS		*7.	AS REQD 2 - 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 - Δ		● FURNISHED BY CITY UTILITIES INSTALLED BY CUSTOMER PICK UP AT 825 N. BELCREST		
5.	AS REQD GROUNDING ELECTRODE - Δ				



GENERAL NOTES

- CUSTOMER TO VERIFY SIZE AND LOCATION OF ALL SERVICE EQUIPMENT WITH CITY UTILITIES AND APPROPRIATE INSPECTION AUTHORITY BEFORE BEGINNING WORK.
- MINIMUM ATTACHMENT HEIGHT IS 20'.
- 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.
- IF USING 400 AMP 120/208 V SINGLE PHASE YOU MUST USE A C.T. TYPE 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 1Ø 400 AMP SELF CONTAINED		
REV BY: K.DENTON			
FILE: SO-1-402			
APPROVED: 10/29/14	REVISED: 03/07/18	SHEET OF 2 OF 2	STD. NO. <b>SO-1-400</b>