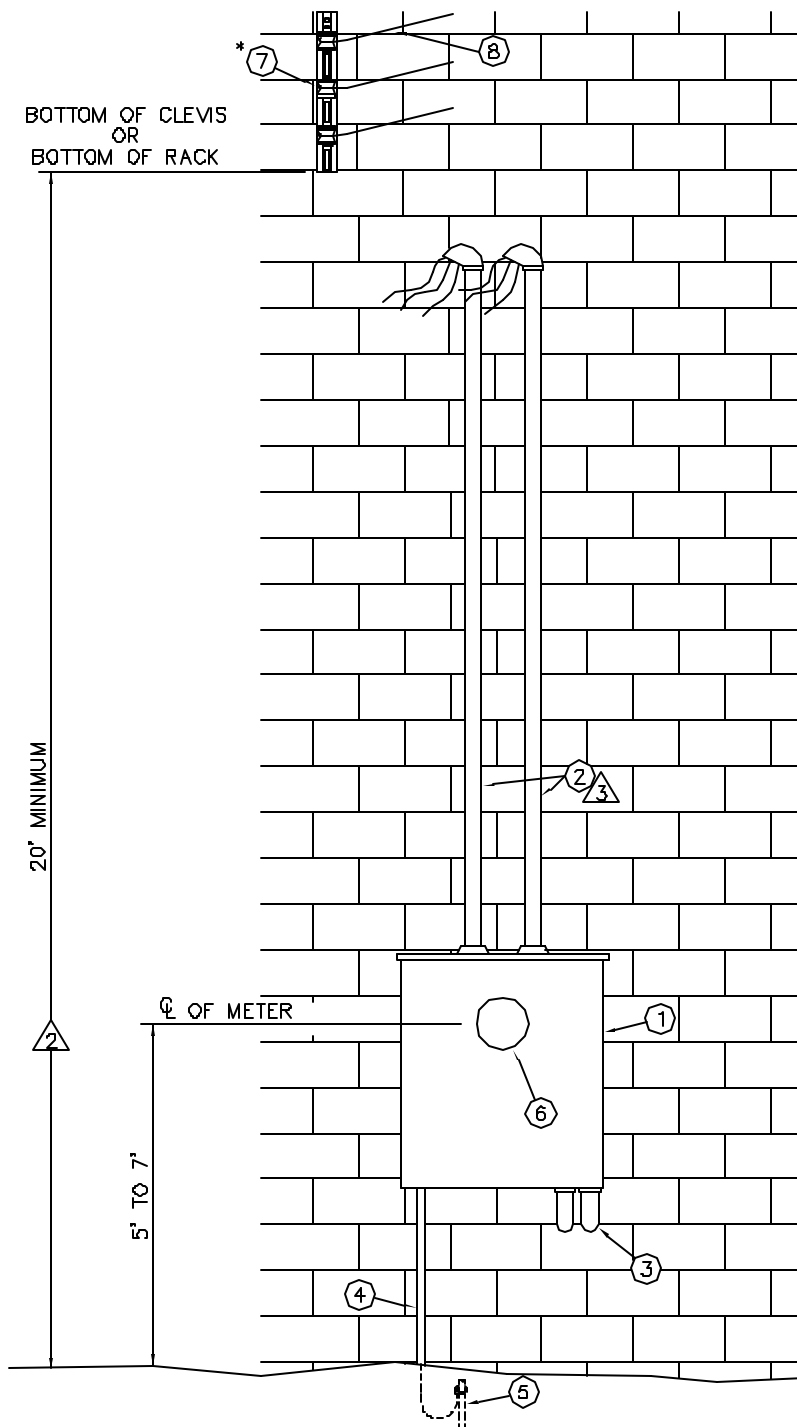


SO-11-400

APPLICATION GUIDE

DESCRIPTION	VOLTAGE
	OH/UG 1Ø 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:
W.BROOKS

FILE:
SO-1-401

APPROVED:
08/19/02

SERVICE OVERHEAD
1Ø
400 AMP SELF CONTAINED

REVISED:
08/19/02

SHEET
OF
1 2

STD. NO.
SO-11-400

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 4 TERMINAL METER)		6.	1 4 TERMINAL BOLT-IN METER	
2.	AS REQD SERVICE ENTRANCE CONDUIT(S) AND - Δ CONDUCTORS		*7.	AS REQD SECONDARY BRACKET (3-WIRE) OR 3 - CLEVIS BRACKET	102170
3.	AS REQD LOAD SIDE CONDUIT(S) AND CONDUCTORS TO CUSTOMER'S DISCONNECT SWITCH			2 - INSULATED SPOOL, BROWN	130094
4.	AS REQD GROUNDING ELECTRODE CONDUCTOR - Δ		8.	AS REQD SERVICE DROP CONDUCTOR, SIZE AND LENGTH AS REQUIRED	130121
5.	AS REQD GROUNDING ELECTRODE - Δ				
* 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.
- 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 2005 NEC ARTICLE 250.
- WHEN SERVICE ENTRANCE CONDUCTORS ARE INSTALLED AS PARALLEL RUNS, ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH 2005 NEC ARTICLE 310.4.

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

DRAWN BY: G.GUEVARA	SERVICE OVERHEAD 1Ø 400 AMP SELF CONTAINED		
REV BY: W.BROOKS			
FILE: SO-1-402			
APPROVED: 08/21/06	REVISED: 06/01/06	SHEET OF 2 OF 2	STD. NO. SO-11-400