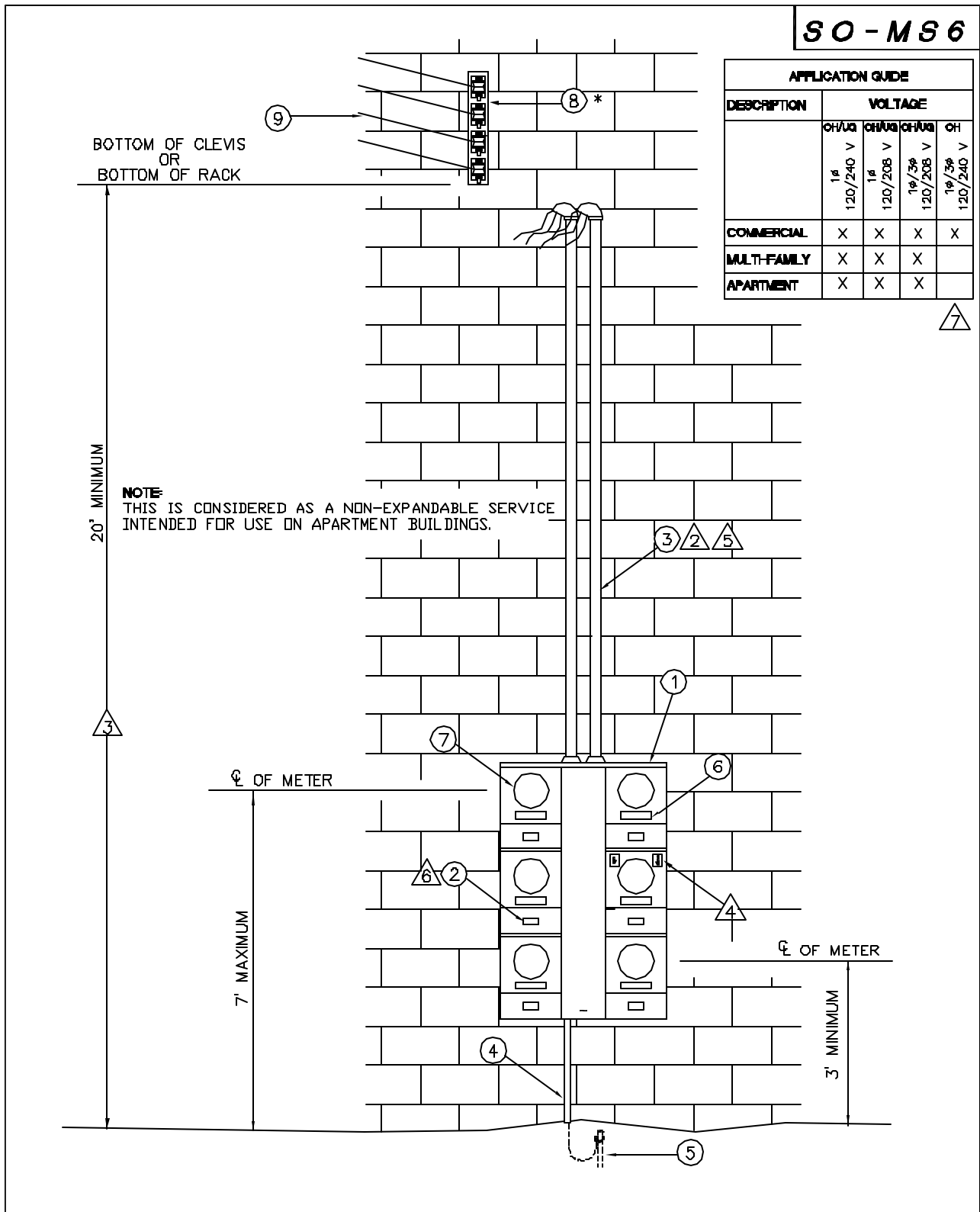


SO-MS6



| DESCRIPTION | VOLTAGE | | | |
|--------------|--------------------------------|--------------------------------|--|---------------------------------------|
| | CH/UG 1 ϕ 120/240 V | CH/UG 1 ϕ 120/208 V | CH/UG 1 ϕ /3 ϕ 120/208 V | CH 1 ϕ /3 ϕ 120/240 V |
| COMMERCIAL | X | X | X | X |
| MULTI-FAMILY | X | X | X | |
| APARTMENT | X | X | X | |

BOTTOM OF CLEVIS
OR
BOTTOM OF RACK

20' MINIMUM

NOTE:
THIS IS CONSIDERED AS A NON-EXPANDABLE SERVICE
INTENDED FOR USE ON APARTMENT BUILDINGS.

Ø OF METER

7' MAXIMUM

Ø OF METER

3' MINIMUM

△ 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-MS61

APPROVED:
08/19/02

REVISIONS:
08/19/02

SHEET
OF
1 2

STD. NO.
SO-MS6

SERVICE OVERHEAD
METER STACK SERVICE
6-METERS MAXIMUM

MATERIAL LIST

| QTY. | DESCRIPTION | STOCK NO. | QTY. | DESCRIPTION | STOCK NO. |
|--|--|-----------|---|--|----------------------------|
| FURNISHED and INSTALLED BY CUSTOMER | | | FURNISHED BY CITY UTILITIES | | |
| 1. | 1 METER STACK (RAINTIGHT, SEALABLE) - Δ 3 TO 6 METER BASES, AMP RATING OF BUSS 4 TERMINAL METER BASE FOR 1 ϕ 120/240 V. 5 TERMINAL METER BASE FOR 1 ϕ 120/208 V. 7 TERMINAL METER BASE FOR 1 ϕ /3 ϕ 120/240 V. 7 TERMINAL METER BASE FOR 1 ϕ /3 ϕ 120/208 V. | | 7. | AS REQD 4 TERMINAL METER FOR 1 ϕ 120/240 V. 5 TERMINAL METER FOR 1 ϕ 120/208 V. 7 TERMINAL METER FOR 1 ϕ /3 ϕ 120/240 V. 7 TERMINAL METER FOR 1 ϕ /3 ϕ 120/208 V. | |
| 2. | AS REQD MAIN BREAKER (ONE FOR EACH METER) - Δ Δ | | *8. | AS REQD SECONDARY BRACKET (4 - WIRE) OR 4 - CLEVIS BRACKET 3 - INSULATED SPOOL, BROWN 1 - INSULATED SPOOL, WHITE | 102170 130094 130121 |
| 3. | AS REQD SERVICE ENTRANCE CONDUIT(S) AND CONDUCTORS - Δ | | 9. | AS REQD SERVICE DROP CONDUCTOR SIZE & 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 | | | | |
| 6. | AS REQD SERVICE ADDRESS TAG (PERMANENTLY ATTACHED, MINIMUM 3/8" LETTER HEIGHT) | | | | |

| GENERAL NOTES | |
|----------------------|--|
| 1. | CUSTOMER TO VERIFY SIZE AND LOCATION OF ALL SERVICE EQUIPMENT WITH CITY UTILITIES AND APPROPRIATE INSPECTION AUTHORITY BEFORE BEGINNING WORK. |
| 2. | WHEN SERVICE ENTRANCE CONDUITS ARE INSTALLED AS PARALLEL RUNS, ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH 2005 NEC ARTICLE 310.4. |
| 3. | MINIMUM HEIGHT IS 20'. |
| 4. | FOR 3 ϕ SERVICE CHECK AND TAG SERVICE TO INDICATE CLOCKWISE (CW) OR COUNTER-CLOCKWISE (CCW) ROTATION AT EACH METER. |
| 5. | 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. |
| 6. | FOR COMMERCIAL AND STRIP CENTER INSTALLATIONS, 200 AMP IS THE MINIMUM RECOMMENDED SIZE FOR INDIVIDUAL SERVICE DISCONNECTS. |
| 7. | SEE SO-GN6 FOR PANEL CONNECTION DETAIL WHEN INSTALLING A 120/240 VOLT 4-WIRE COMBINATION SERVICE. |
| 8. | 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. |

| | | | |
|--|----------------------|---|---------------------------|
| ELECTRIC SERVICE STANDARD CITY UTILITIES OF SPRINGFIELD MO. | | | |
| DRAWN BY: G.GUEVARA | | SERVICE OVERHEAD METER STACK SERVICE 6-METERS MAXIMUM | |
| REV BY: W.BROOKS | | | |
| FILE: SO-MS62 | | | |
| APPROVED: 09/14/06 | REVISED: 06/01/06 | SHEET OF 2 | STD. NO. SO-MS6 |