

GENERAL NOTES

1. NO ATTACHMENTS TO LUMINAIRE OR MAST ARMS.
2. UTILITY BOX SIZE AND MATERIAL SHALL PER UTILITY COMPANY STANDARDS. IF UTILITY BOXES ARE LOCATED IN THE SIDEWALK, REPLACE FULL WIDTH OF SIDEWALK TO NEAREST CONSTRUCTION JOINT PER CITY STANDARD NO. 1104.
3. EXISTING STREET LIGHT POLE MAY BE UTILIZED IF IT MEETS STRUCTURAL REQUIREMENTS TO SUPPORT NEW AND EXISTING EQUIPMENT. IF EXISTING POLE IS REPLACED, A NEW POLE SHALL BE INSTALLED IN THE ORIGINAL LOCATION, PER CITY STANDARD 1126H, OR SIMILAR POLE REQUIRED TO SUPPORT THE NEW EQUIPMENT.
4. ENCLOSURE CONTAINING RADIO EQUIPMENT SHALL NOT EXCEED THREE (3) CUBIC FEET IN SIZE. ONLY ONE VISIBLE ANTENNA PER "STEALTH" AND "SEMI-STEALTH" SITE SHALL BE PERMITTED. ANTENNA IS NOT INCULDED IN THREE (3) CUBIC FOOT REQUIREMENT.
5. ALL CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF ARTICLE X OF CHAPTER 33 OF THE CITY OF SANTA ANA MUNICIPAL CODE.
6. EXISTING STREET LIGHT LUMINAIRE AND MAST ARMS ARE TO BE SALVAGED AND RE-USED IF POLE IS REPLACED. ANY SALVAGED EQUIPMENT NOT USED SHALL BE RETURNED TO THE CITY.
7. INSTALL VAULTS IN LOCATION THAT ALLOWS A 2-FT WIDE CLEAR AREA ADJACENT TO THE VAULT TO ALLOW FOR FUTURE CONDUIT INSTALLATIONS OR STREET WORK.
8. PAINT ANTENNA(S) / EQUIPMENT TO MATCH POLE.
9. NO DECORATIVE POLE ATTACHMENTS ALLOWED, UNLESS APPROVED BY THE DIRECTOR.



APPROVED:

DATE:

10/7/19

CITY OF SANTA ANA

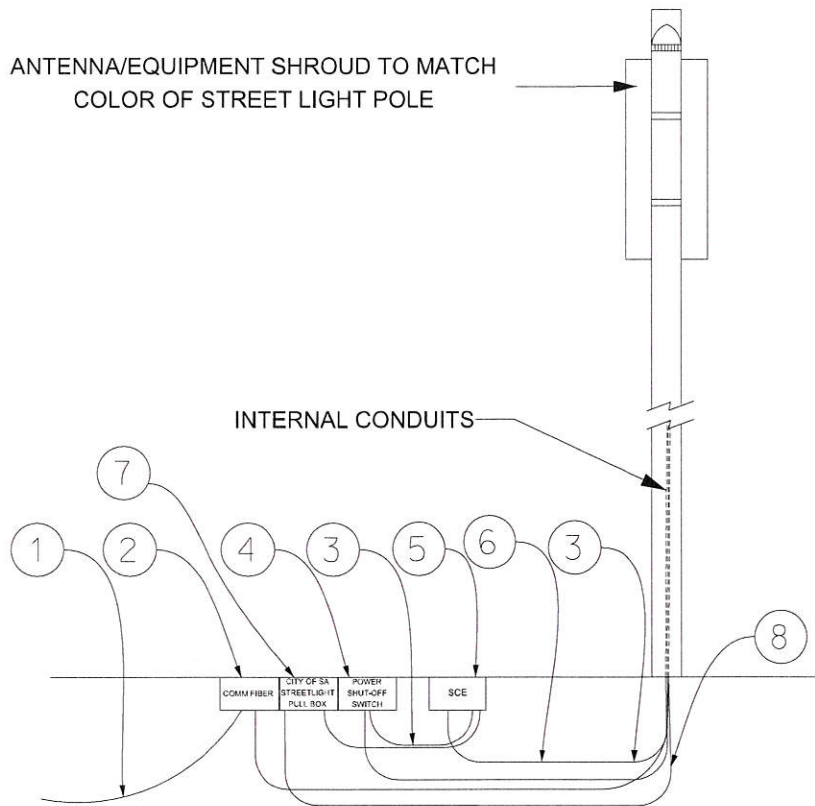
PUBLIC WORKS AGENCY

DATE	REVISION

GENERAL NOTES FOR
SMALL CELL INSTALLATIONS

STD. PLAN
NUMBER
1126J

ANTENNA/EQUIPMENT SHROUD TO MATCH
COLOR OF STREET LIGHT POLE



STREET-SIDE VIEW

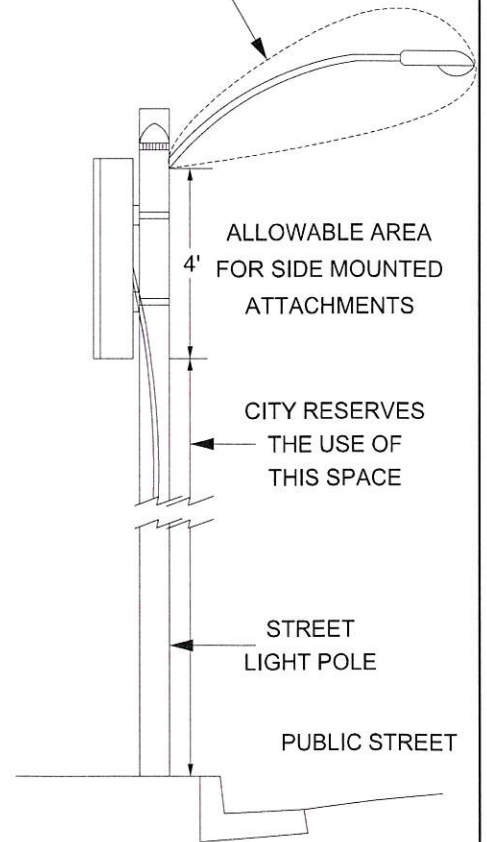
CITY RESERVES
THE USE OF
THIS SPACE

ALLOWABLE AREA
FOR SIDE MOUNTED
ATTACHMENTS

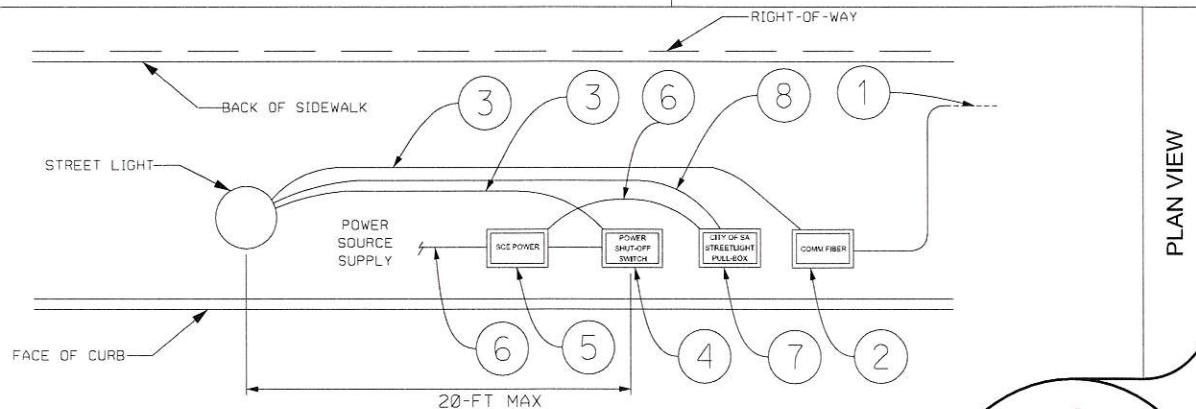
CITY RESERVES
THE USE OF
THIS SPACE

STREET
LIGHT POLE

PUBLIC STREET



SECTION VIEW



PLAN VIEW

*NOTE: FOR CLARITY, STREET LIGHT LUMINAIRE AND MAST ARM NOT SHOWN.

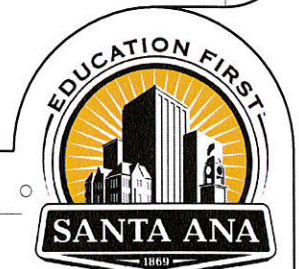
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CITY OF SANTA ANA
PUBLIC WORKS AGENCY



DATE REVISION

SMALL CELL INSTALLATION
"SEMI - STEALTH" POLE

STD. PLAN
NUMBER
1126K
SHEET 1 OF 2

CONSTRUCTION NOTES:

- ① INSTALL COMMUNICATIONS CONDUIT PER CITY STANDARD NO.1150. SEPARATE ENCROACHMENT PERMIT REQUIRED.
- ② INSTALL COMMUNICATIONS PULL-BOX SIZED PER UTILITY COMPANY STANDARDS. PULL BOXES GREATER THAN #6 WILL REQUIRE CITY APPROVAL.
- ③ INSTALL CONDUIT PER UTILITY COMPANY STANDARDS.
- ④ INSTALL PULL-BOX WITH SWITCH AND BREAKER LOCATED NO MORE THAN 20-FT FROM BASE OF UTILITY POLE. BOX LID SHALL BE MARKED "CELL SITE POWER SHUT-OFF SWITCH" OR OTHER APPROVED INDUSTRY WORDING. BOX SIZE DETERMINED BY EQUIPMENT REQUIREMENTS.
- ⑤ INSTALL PULL-BOX PER SCE REQUIREMENTS.
- ⑥ SCE POWER CONDUIT IF POWER SOURCE IS SUPPLIED FROM ADJACENT POLE OR OTHER CIRCUIT.
- ⑦ INSTALL CITY OF SANTA ANA PULL-BOX PER CITY STANDARDS.
- ⑧ INSTALL CONDUIT PER CITY STANDARDS.

GENERAL NOTES:

-SEE STANDARD PLAN NO. 1126J FOR GENERAL NOTES.

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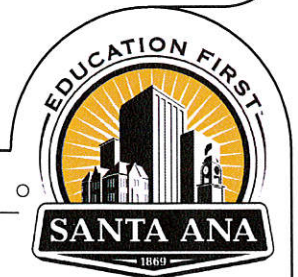
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10/7/19

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CITY OF SANTA ANA

PUBLIC WORKS AGENCY



DATE

REVISION

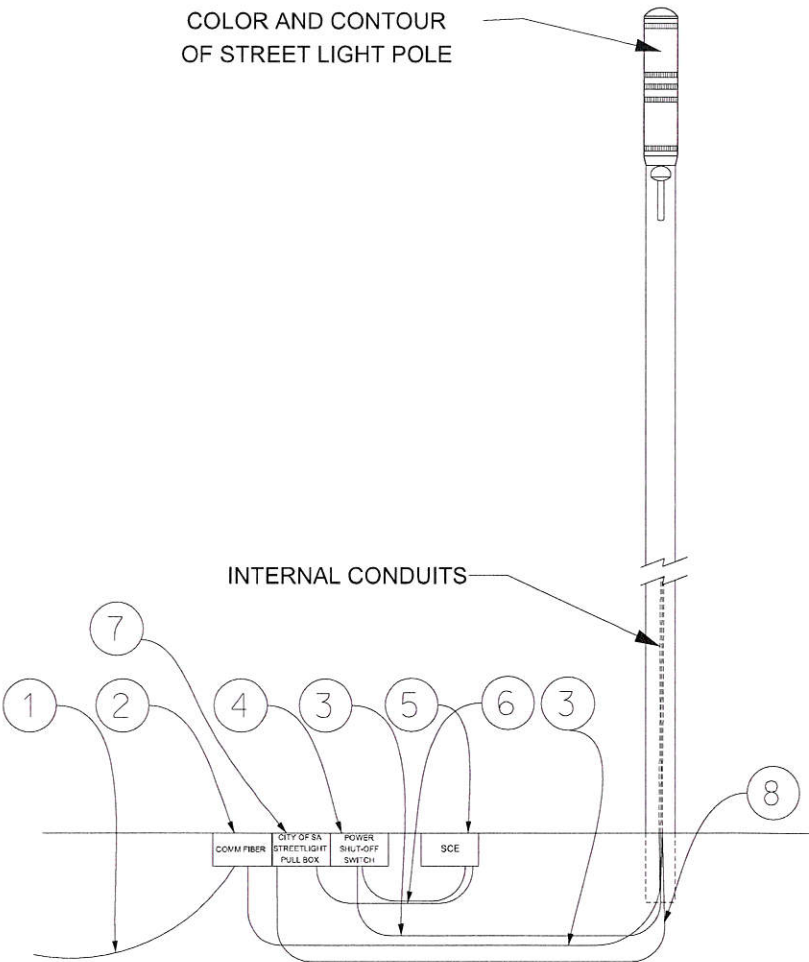
SMALL CELL INSTALLATION
"SEMI - STEALTH" POLE

STD. PLAN
NUMBER

1126K

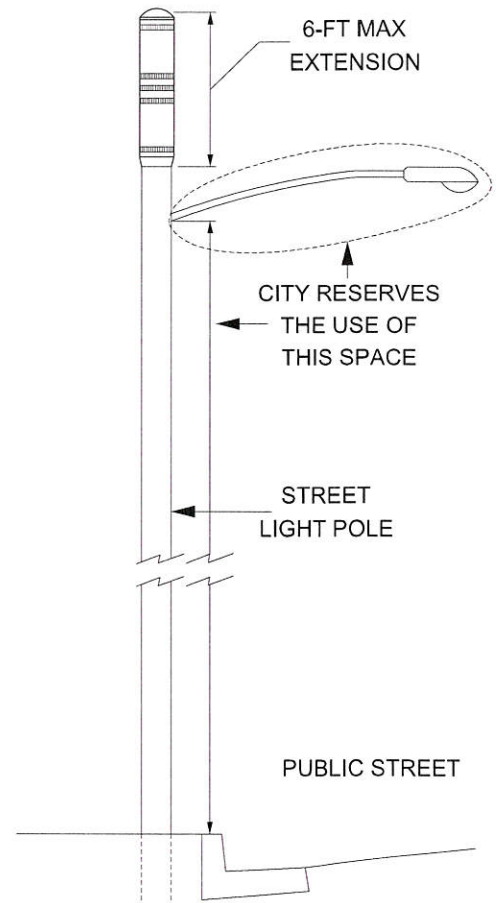
SHEET 2 OF 2

ANTENNA SHROUD TO MATCH
COLOR AND CONTOUR
OF STREET LIGHT POLE

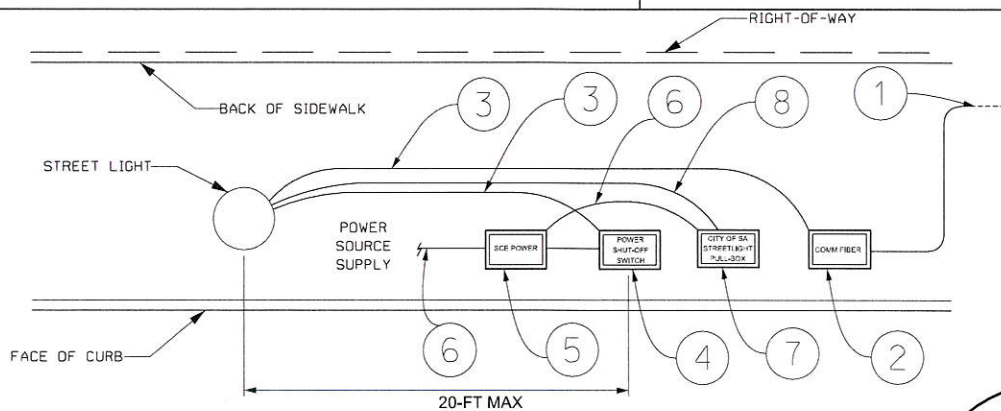


INTERNAL CONDUITS

STREET-SIDE VIEW



SECTION VIEW



PLAN VIEW

*NOTE: FOR CLARITY, STREET LIGHT LUMINAIRE AND MAST ARM NOT SHOWN.

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CITY OF SANTA ANA
PUBLIC WORKS AGENCY



DATE	REVISION

SMALL CELL INSTALLATION
"STEALTH" POLE

STD. PLAN
NUMBER
1126L
SHEET 1 OF 2

CONSTRUCTION NOTES:

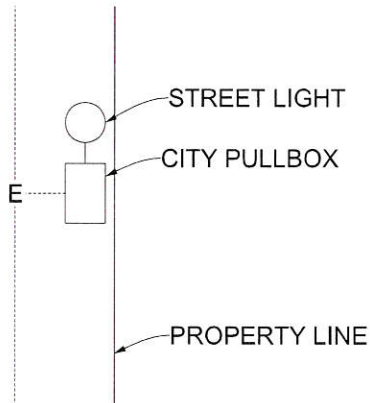
- ① INSTALL COMMUNICATIONS CONDUIT PER CITY STANDARD NO. 1150. SEPARATE ENCROACHMENT PERMIT REQUIRED.
- ② INSTALL COMMUNICATIONS PULL-BOX SIZED PER UTILITY COMPANY STANDARDS.
- ③ INSTALL CONDUIT PER UTILITY COMPANY STANDARDS.
- ④ INSTALL PULL-BOX WITH SWITCH AND BREAKER LOCATED NO MORE THAN 20-FT FROM BASE OF UTILITY POLE. BOX LID SHALL BE MARKED "CELL SITE POWER SHUT-OFF SWITCH" OR OTHER APPROVED INDUSTRY WORDING. BOX SIZE DETERMINED BY EQUIPMENT REQUIREMENTS.
- ⑤ INSTALL PULL-BOX PER SCE REQUIREMENTS. IF SCE PULL BOX EXISTS, NEW PULL BOX WILL BE INSTALLED PER COSA STANDARDS.
- ⑥ SCE POWER CONDUIT IF POWER SOURCE IS SUPPLIED FROM ADJACENT POLE OR OTHER CIRCUIT.
- ⑦ INSTALL CITY OF SANTA ANA PULL-BOX PER CITY STANDARDS.
- ⑧ INSTALL CONDUIT PER CITY STANDARDS.

GENERAL NOTES:

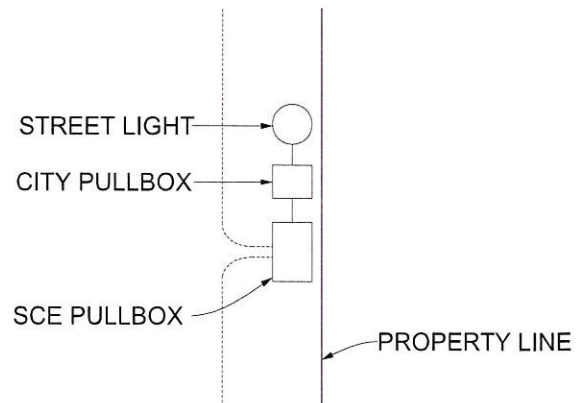
-SEE STANDARD PLAN NO. 1126J FOR GENERAL NOTES.

CASE SCENARIOS

IF SCE PULLBOX EXISTS



NO SCE PULLBOX EXISTS



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CITY OF SANTA ANA

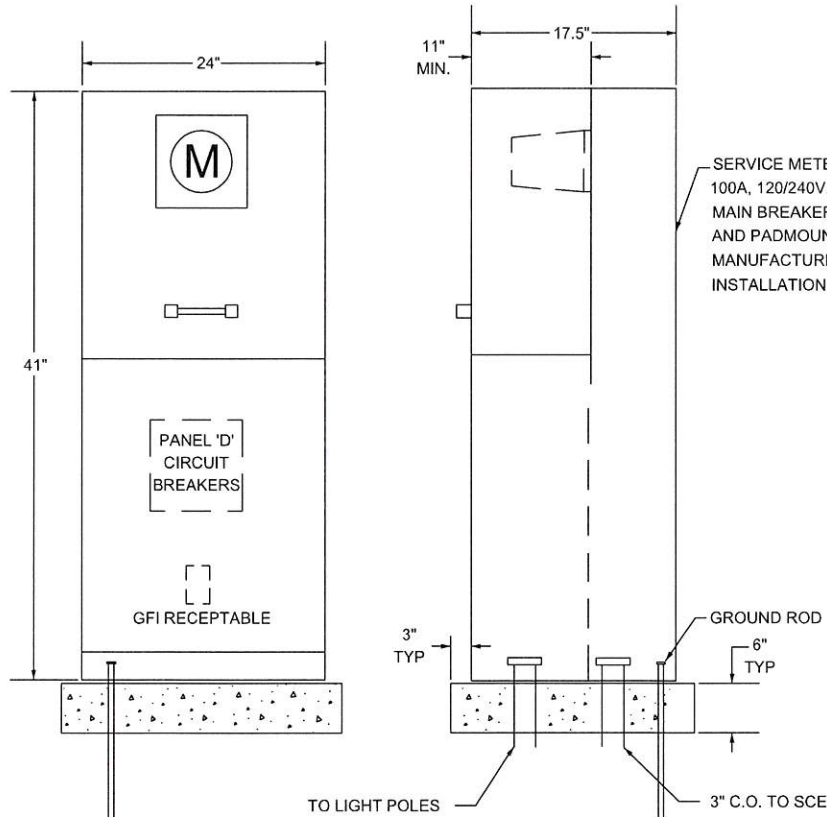
PUBLIC WORKS AGENCY



DATE	REVISION

SMALL CELL INSTALLATION
"STEALTH" POLE

STD. PLAN
NUMBER
1126L
SHEET 2 OF 2



SERVICE METER PEDESTAL
100A, 120/240V, 1 Ø, 3W, COMPLETE WITH
MAIN BREAKER, LOAD CENTER, LIGHTING CONTROLS,
AND PADMOUNT BASE. VERIFY DIMENSIONS WITH
MANUFACTURER'S SHOP DRAWINGS PRIOR TO
INSTALLATION.

STANDARDS FOR CONDUIT, CONDUCTORS,
AND PULL BOXES:
CONDUIT: 2",
CONDUCTORS: 2-#8 (RED & BLACK) &
1-#10 (GREEN),
PULL BOX: #3 (MARKED CITY OF SANTA
ANA STREETLIGHT)

TO LIGHT
POLES



NEMA 3R METER PEDESTAL

NOT TO SCALE

1. PROVIDE CLEARANCES PER SCE SERVICE GUIDE REQUIREMENTS.
2. SERVICE PEDESTAL SHALL BE MILBANK, CATALOG #CP3B2226A22SP33 WITH GFI DUPLEX RECEPTABLE AND LIGHTING CONTROLS; NO EQUALS ALLOWED. SIXTEEN INCH PAD MOUNT BASE SHALL BE MILBANK, CATALOG #CP- 16PDMNT-CALT; NO EQUALS ALLOWED.
3. INSTALL SHORTING KIT FOR UNMETERED SERVICE TO STREET LIGHTS.

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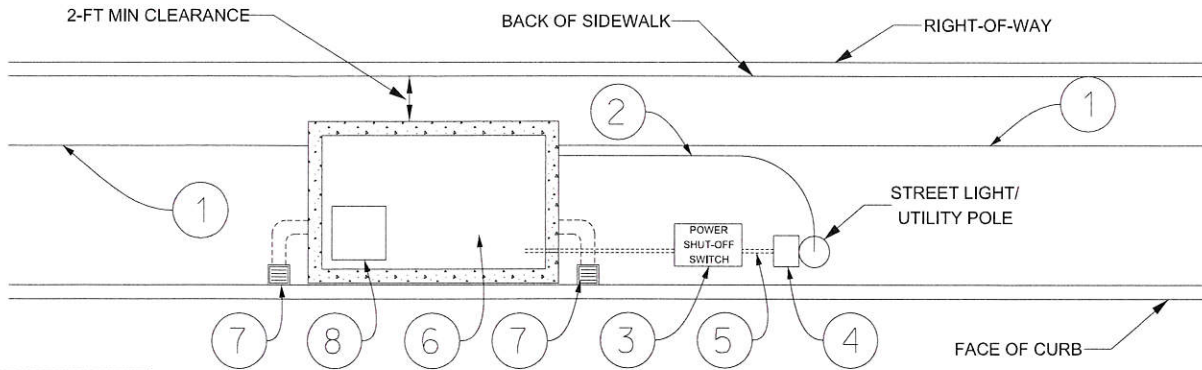
CITY OF SANTA ANA
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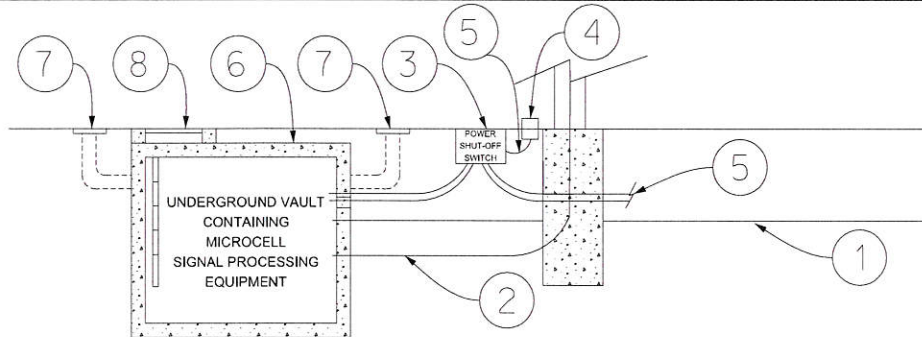
METER PEDESTAL DETAIL

STD. PLAN
NUMBER
1126M



PLAN VIEW

SECTION VIEW



CONSTRUCTION NOTES:

- ① INSTALL COMMUNICATIONS CONDUIT PER CITY STANDARD NO. 1150. SEPARATE ENCROACHMENT PERMIT REQUIRED.
- ② INSTALL CONDUIT PER UTILITY COMPANY STANDARDS.
- ③ INSTALL PULL-BOX WITH SWITCH AND BREAKER LOCATED NO MORE THAN 20-FT FROM BASE OF UTILITY POLE. BOX LID SHALL BE MARKED "CELL SITE POWER SHUT-OFF SWITCH" OR OTHER APPROVED INDUSTRY WORDING. BOX SIZE DETERMINED BY EQUIPMENT REQUIREMENTS.
- ④ IF REQUIRED, INSTALL PULL-BOX PER SCE REQUIREMENTS.
- ⑤ SCE POWER CONDUIT IF POWER SOURCE IS SUPPLIED FROM ADJACENT POLE OR OTHER CIRCUIT.
- ⑥ INSTALL OLDCASTEL PRECAST VAULT - MODEL MC510 OR APPROVED EQUAL.
- ⑦ INSTALL FLUSH VENT - ALHAMBRA FOUNDRY MODEL A-2121 OR APPROVED EQUAL.
- ⑧ INSTALL ACCESS HATCH PER VAULT MANUFACTURER.

GENERAL NOTES:

- ① SEE STANDARD PLAN NO. 1126J FOR GENERAL NOTES.

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CITY OF SANTA ANA

PUBLIC WORKS AGENCY



DATE

REVISION

SMALL CELL INSTALLATION
STREET LIGHT
EQUIPMENT UNDERGROUND

STD. PLAN
NUMBER
1126N