

NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE SERVICE CONNECTION AS SHOWN ON THIS STANDARD PLAN EXCEPT FOR THE WATER METER. THE CITY WILL PROVIDE AND INSTALL THE WATER METER.
2. LOCATIONS SHOWN FOR WATER METER ROOM AND POTABLE WATER SERVICE ARE DIAGRAMMATIC AND MAY BE REVISED TO SUIT EACH PROPERTY.
3. CITY TO MAINTAIN DOMESTIC WATERLINE WITHIN PUBLIC UTILITY EASEMENT.

APARTMENT BUILDING

METER ROOM

3' PAD CLEARANCE

PUBLIC UTILITY EASEMENT

PROPERTY LINE

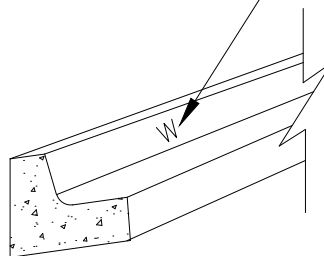
STREET

FACE OF CURB

ITEM MATERIALS

- ① — WATER METER ROOM SEE FOLLOWING SHEETS FOR FRONT AND SECTION VIEW DETAILS.
- ② — POTABLE WATER SERVICE. DUCTILE IRON, CEMENT MORTAR LINED AND ENCASED WITH A DOUBLE LAYER OF 8-MIL BLUE POLYETHYLENE. PRESSURE OR THICKNESS CLASS TO BE DETERMINED BY THE DESIGN ENGINEER.
- ③ — REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY PER CITY STD. DWG. 428.

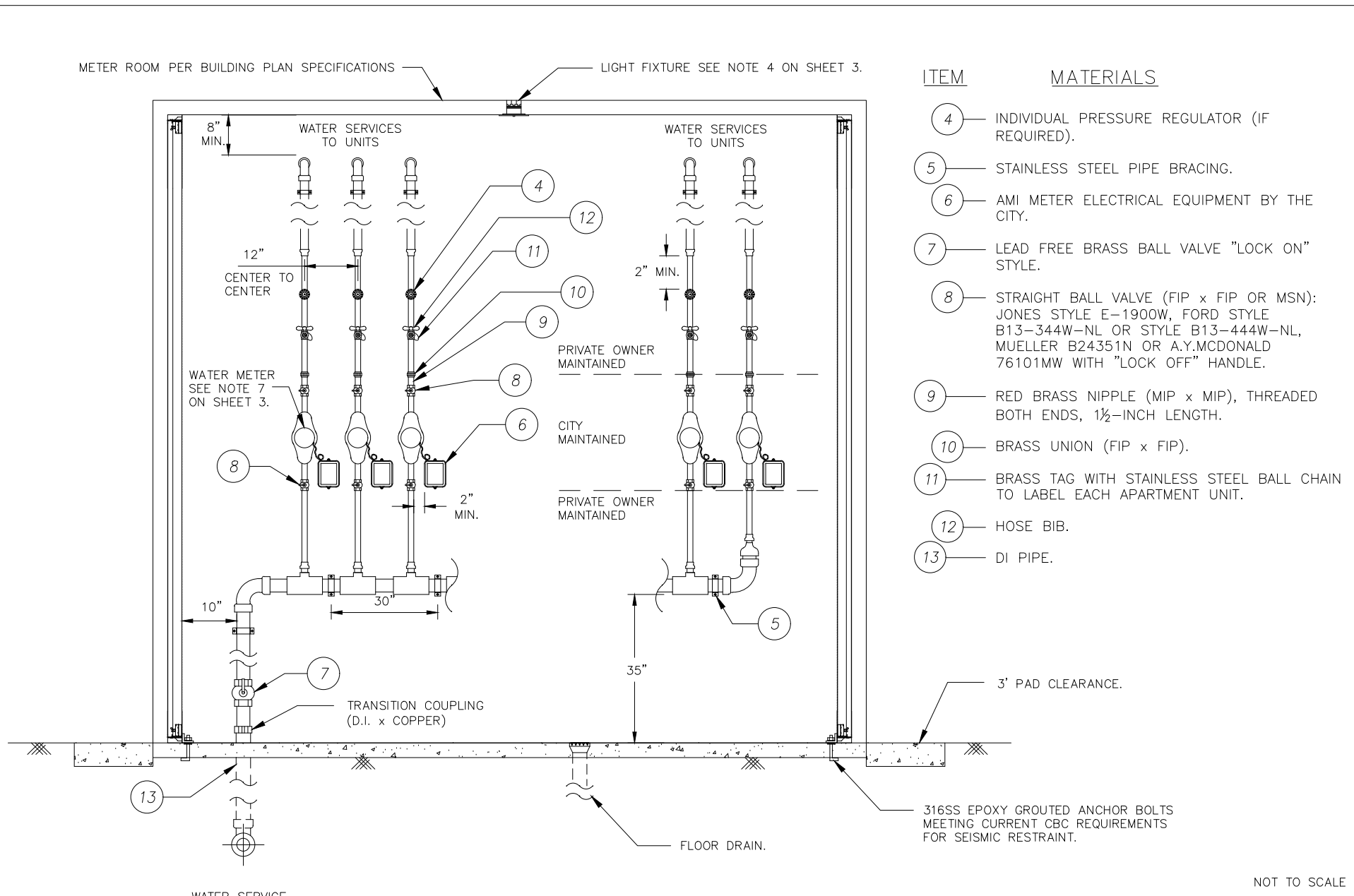
1½" (W) IN THE CENTER LINE OF THE CURB FACE TO MARK THE SERVICE LOCATION WHERE THE LATERAL CROSSES UNDER THE CURB. USE WHEEL GRINDER, ¼" DEEP GROOVE.



NOT TO SCALE

METER ROOM POTABLE WATER SERVICE CONNECTION DETAIL

| REVISION | | | APPROVED: | | DATE | | | CITY OF CORONA | |
|----------|----------|------|---|--|----------|--|--|----------------|--|
| NO. | APPROVED | DATE | | | 1/7/2019 | | | STD 424 | |
| | | | | | 1/7/2019 | | | SHEET 1 OF 3 | |
| | | | VERNON R. WEISMAN, PE, DISTRICT ENGINEER | | DATE | | | | |



- | ITEM | MATERIALS |
|------|---|
| 4 | INDIVIDUAL PRESSURE REGULATOR (IF REQUIRED). |
| 5 | STAINLESS STEEL PIPE BRACING. |
| 6 | AMI METER ELECTRICAL EQUIPMENT BY THE CITY. |
| 7 | LEAD FREE BRASS BALL VALVE "LOCK ON" STYLE. |
| 8 | STRAIGHT BALL VALVE (FIP x FIP OR MSN): JONES STYLE E-1900W, FORD STYLE B13-344W-NL OR STYLE B13-444W-NL, MUELLER B24351N OR A.Y.MCDONALD 76101MW WITH "LOCK OFF" HANDLE. |
| 9 | RED BRASS NIPPLE (MIP x MIP), THREADED BOTH ENDS, 1½-INCH LENGTH. |
| 10 | BRASS UNION (FIP x FIP). |
| 11 | BRASS TAG WITH STAINLESS STEEL BALL CHAIN TO LABEL EACH APARTMENT UNIT. |
| 12 | HOSE BIB. |
| 13 | DI PIPE. |

NOT TO SCALE

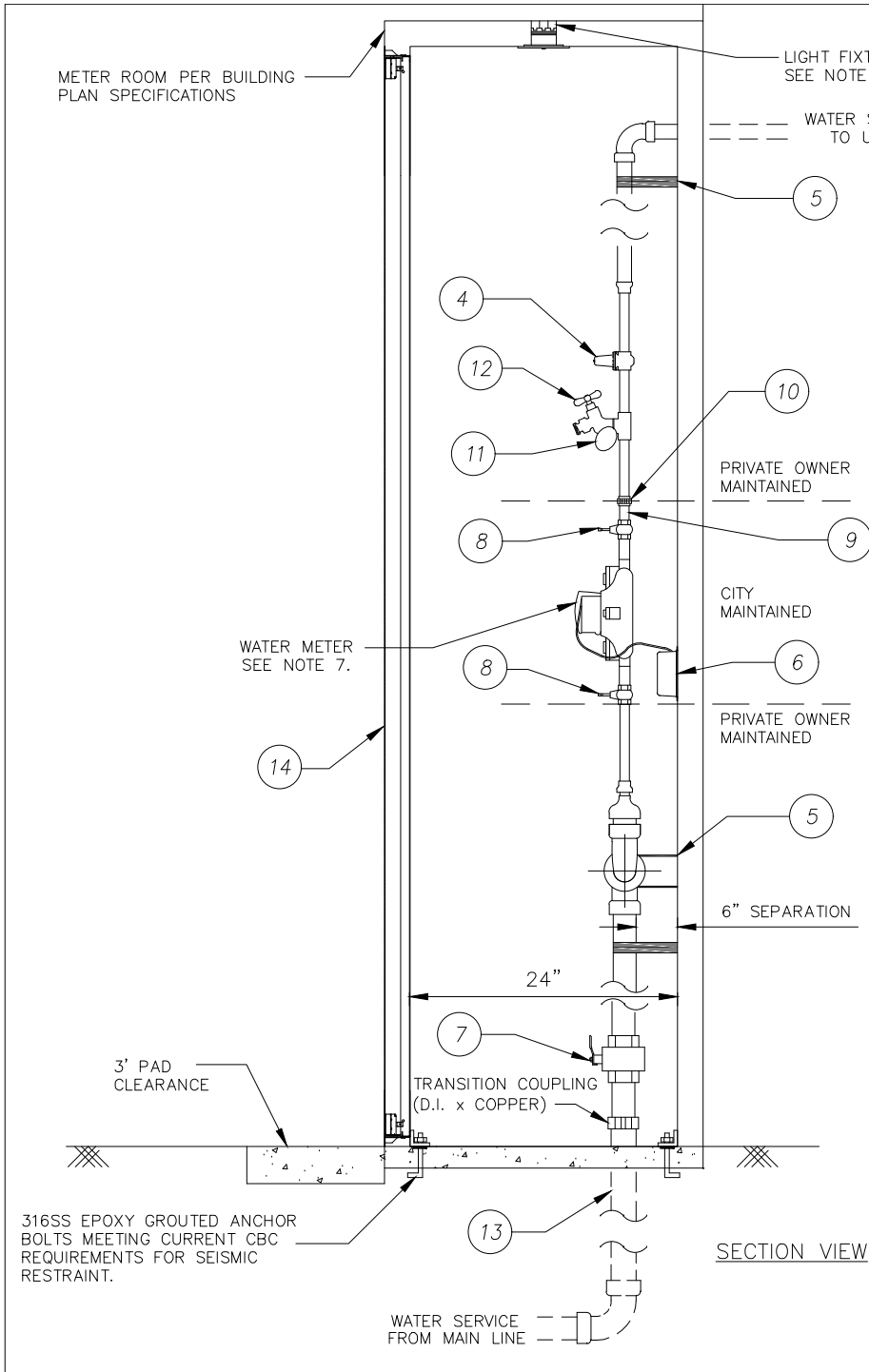
FRONT VIEW

SEE NOTES ON SHEET 3.

| REVISION | | | APPROVED: | | DATE | |
|----------|----------|------|---|--|----------|--|
| NO. | APPROVED | DATE | | | | |
| | | | <i>Tom Koper</i> | | 1/7/2019 | |
| | | | TOM G. KOPER, PE, CITY ENGINEER | | 1/7/2019 | |
| | | | <i>Vernon R. Weisman</i> | | | |
| | | | VERNON R. WEISMAN, PE, DISTRICT ENGINEER | | | |



CITY OF CORONA
STD 424
SHEET 2 OF 3




| ITEM | MATERIALS |
|------|---|
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| 14 | FIRE RATED, SELF CLOSING, METAL ACCESS PANEL. PROVIDE KEYED LOCK AS APPROVED BY THE CITY. |

NOTES:

1. ALL CONNECTIONS TO COPPER TUBING SHALL BE COMPRESSION TYPE AND SERVICE MUST BE CONTINUOUS AND UNCUT. NO SWEAT TYPE FITTINGS ALLOWED.
2. ROUND AND DE-BURR ALL COPPER PIPE PRIOR TO INSTALLATION.
3. INSTALL BRASS OR RIGID COPPER PIPING AND FITTINGS INSIDE METER CABINET BETWEEN THE STRAIGHT BALL VALVE AND BRASS UNION.
4. INSTALL APPROPRIATE AUTOMATIC LIGHTING WHEN DOORS OPEN OR ACCESSIBLE LOCATION FOR LIGHT SWITCH.
5. ALL FITTINGS, PIPE, VALVES, AND FIXTURES SHALL BE LEAD FREE IN COMPLIANCE WITH FEDERAL AND STATE LAWS.
6. PLUMBING SHALL NOT BE INSTALLED WITHIN THE VICINITY OF THE METER THAT WILL PREVENT THE CITY FROM MAINTAINING OR REPLACING THE METER.
7. THE CITY WILL PROVIDE AND INSTALL A NEPTUNE T-10 METER (MIP x MIP). REQUEST THE METER INSTALLATION FROM THE PUBLIC WORKS INSPECTOR OR THE BUILDING INSPECTOR WHEN THERE IS NO PUBLIC IMPROVEMENT PLAN. THE WATER METER SHALL BE CENTERED TO THE CABINET OPENING.

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| | | | TOM G. KOPER, PE, CITY ENGINEER | | DATE | |
| | | | Vernon R. Weisman | | 1/7/2019 | |
| | | | VERNON R. WEISMAN, PE, DISTRICT ENGINEER | | DATE | |



CITY OF CORONA
THE GREAT CITY

CITY OF CORONA

STD 424

SHEET 3 OF 3