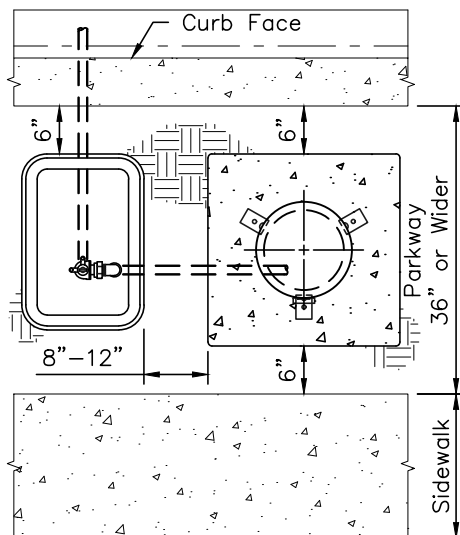
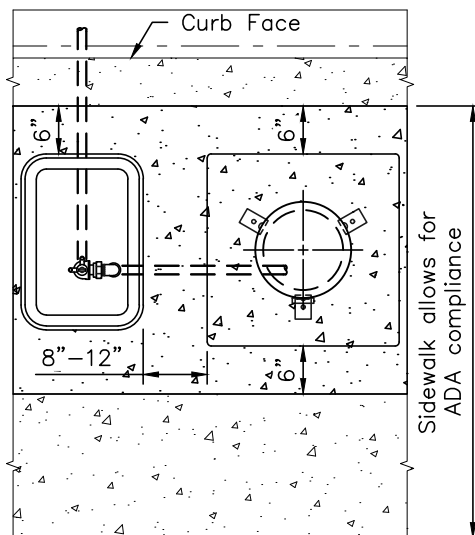




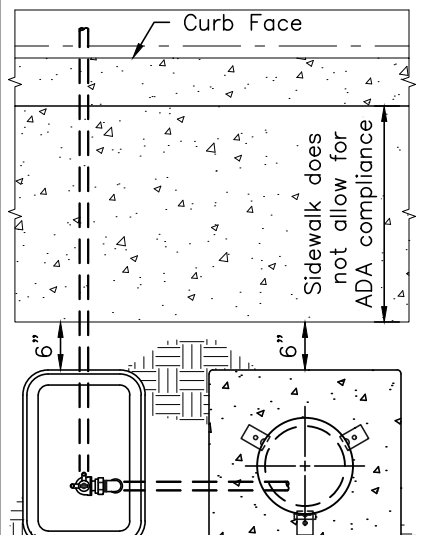
Note:

Use case 1 if no sidewalk exists.

Case 1



Case 2



Case 3

LIST OF MATERIALS

- | | |
|--|--|
| ① Service saddle, 1" corporation stop, 1" copper tubing, 1" angle meter valve, 1 1/4" x 1" meter adapter, and 1" Meter box assembly per standard drawing 601 | ⑮ 1/4" copper tube, 4 1/2" length |
| ② 1" - 90° elbow, compression x M-IPT | ⑯ 3/4" brass close nipple |
| ③ 1" Copper tubing per standard drawing 601 | ⑰ 3/4" FIP x FIP brass ball valve with handle |
| ④ 1" - 90° elbow, compression x F-IPT | ⑱ 3/4" x 3/4" MIP x FIP 90° brass bend |
| ⑤ 1" Rigid brass pipe, M-IPT | ⑲ 3/4" air vent screen |
| ⑥ 1" conductive compression connection, FIP x FIP | ⑳ 10 mil PE wrap around pipe |
| ⑦ 1" x 12" brass pipe MIP x MIP | ㉑ 3/8" x 5" SS eye bolt, SS lock washer, 3/8" SS nut (typical) |
| ⑧ 1" x 3/4" brass reducer FIP x FIP | ㉒ Concrete pad, 24" x 24" x 4" slab, Class 520-C-2500 (light broom finish) |
| ⑨ 3/4" x 1 1/2" brass nipple | ㉓ Finish with 1/2" radius all around |
| ⑩ 3/4" brass tee | ㉔ 12" x 36" water sampling station enclosure |
| ⑪ 3/4" x 1/4" MIP x FIP brass bushing | |
| ⑫ 1/4" brass close nipple | |
| ⑬ 1/4" FIP x FIP brass ball valve with handle | |
| ⑭ 1/4" x 1/4" brass coupling, compression x MIP | |

NOTES

- Assemblies installed in easements, roads and streets without curbs or with rolled curbs shall be protected with guard posts per Standard Drawing 615.

WATER QUALITY SAMPLING STATION



REVISIONS			
NO.	DATE	NO.	DATE
1	12/01/00	4	02/28/17
2	03/22/06	5	09/24/19
3	02/29/16	6	04/20/22

Steve R. 5/9/2022
CITY ENGINEER DATE

Meg McWade 5/24/2022
PUBLIC WORKS DIRECTOR DATE

STANDARD DETAIL

630

SHEET 2 OF 2

DEPARTMENT OF PUBLIC WORKS