



- | ITEM | DESCRIPTION |
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| ① | BADGER 3/4" x 5/8" BYPASS METER WITH "0" DESIGNATION (REQUIRED FOR FIRE SERVICE ONLY), MAINTAINED BY PCWA. |
| ② | ADJUSTABLE PIPE SADDLE SUPPORTS WITH BASE PLATE. |
| ③ | STEEL PIPE SLEEVE WITH JOINT SEALANT OR PACKING MATERIAL (TYP.). |
| ④ | BACKFLOW PREVENTION ASSEMBLY INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. |
| ⑤ | 4"-12" DIP (SIZE PER DEVICE). |
| ⑥ | CONCRETE PAD WITH #4 REBAR AT 12" O.C. EACH WAY AND BROOM FINISH. |
| ⑦ | #5/0 SS WELDED CHAIN AND LOCK. |
| ⑧ | MJ 90° ELBOW (TYP.). |
| ⑨ | CONCRETE THRUST BLOCK AREA PER S111. |
| ⑩ | FLG x FLG 90° ELBOW. |

NOTES:

- A** TEE MAY BE INSTALLED FOR PIPING TO FIRE DEPARTMENT CONNECTIONS AS NEEDED.
- B** 30" MINIMUM COVER.
- C** ALL JOINTS SHALL BE RESTRAINED.
- D** ISOLATION VALVE AND G5 BOX REQUIRED, SEE STANDARD DRAWING S106 FOR SPECS. LOCATION TO BE APPROVED BY AGENCY ENGINEER.
- E** HEATED METAL ABOVEGROUND ENCLOSURE RECOMMENDED IN AREAS SUBJECT TO FREEZING OR AS NECESSARY TO PROTECT VALVE ASSEMBLY. ALL RP BACKFLOW PREVENTION DEVICES SHALL BE PROTECTED BY LOCKING INSULATING BAGS AT A MINIMUM. ENCLOSURE SHALL MAINTAIN VALVE AND APPURTENANCES AT 45°F MIN.

**BACKFLOW PREVENTION DEVICE
3" AND LARGER**

DRAWING NO.
S207



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REVISION DATE
JUNE 12, 2020

SEE APPENDIX D FOR A PRE-APPROVED MATERIALS LIST.