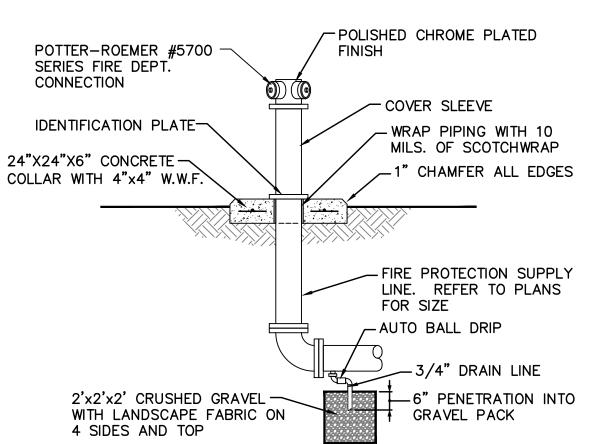


# POST INDICATOR VALVE

SCALE: N.T.S.



## FIRE DEPARTMENT CONNECTION

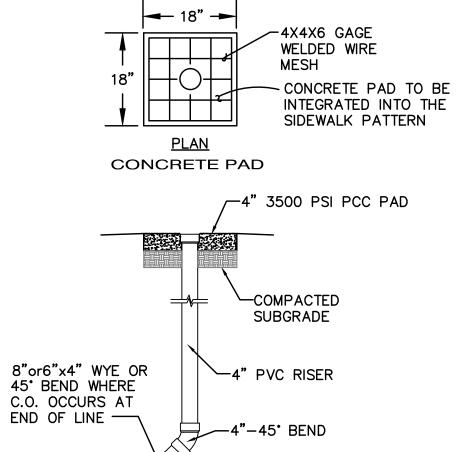
FREE-STANDING

SERVICE LINE

DIRECTION OF FLOW

SCALE: N.T.S.

SCALE: N.T.S.



SINGLE CLEANOUT DETAIL

DIFFERENT CRITERIA, E.G., GREATER DEPTH OF BURY, ETC., WILL REQUIRE DIFFERENT RESTRAINED LENGTHS. THESE MUST BE CALCULATED BY A QUALIFIED PROFESSIONAL ENGINEER AND APPROVED BY ABCWUA.

## **GENERAL NOTES**

- EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. ALL UTILITIES SHOULD BE FIELD VERIFIED AND LOCATED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY
- CONTRACTOR SHALL NOT USE VIBRATORY COMPACTION EQUIPMENT OR HEAVY VEHICLES OVER EXISTING UTILITIES.
- 3. SITE STORM DRAIN, ELECTRIC LINES & TRANSFORMERS AND GAS LINES ARE SHOWN FOR GENERAL INFORMATION ONLY TO PROVIDE AN OVERVIEW OF SITE UTILITIES AND POTENTIAL CONFLICTS. SEE MECHANICAL PLANS FOR GAS LINE SIZING. SEE CG-101 FOR STORM DRAIN DESIGN.
- 4. ALL WATER FITTINGS SHALL HAVE JOINT RESTRAINTS (LT). SEE RESTRAINED JOINT CRITERIA NOTES THIS SHEET. (LT) LENGTH SHOWN ON KEYED NOTES.

### **KEYED NOTES**

## WATER KEYED NOTES

- 1. 1 1/2" METER PER COA STD DWG 2363.
- 2. 1 1/2" WATER SERVICE LINE.
- 3. 6" FIRE LINE.
- 4. 6"x4" REDUCER. (LT=29')
- 5. 6"-45° &  $22\frac{1}{2}$ ° BENDS. (LT=13')
- 6. 4" FIRE LINE (FDC)
- 7. 4"-45° BEND. (LT=6')
- 8. FIRE DEPT. CONNECTION (FDC). (LT=46')
- 9. POST INDICATOR VALVE. (PIV) (LT=46')
- 10. 34" CONDUIT W/ PULL CORD FOR PIV SENSOR WIRE FROM BUILDING TO PIV PLACED IN SAME TRENCH ABOVE 6" WATERLINE.

- 20. 6" SANITARY SEWER SERVICE LINE AT 2% MIN. SLOPE.
- 21. 6" GREASE LINE AT 2% MIN. SLOPE.
- 22. 3" GREASE LINE AT 2% MIN. SLOPE.
- 23. 6"x3" WYE.
- 24. 6" WYE
- 25. 6" 45° BEND.
- 26. 8" x 6" WYE
- 27. SINGLE CLEANOUT.
- 28. 1500 GAL. GREASE INTERCEPTOR.
- 29. 3" HEAVY DUTY CAST IRON FLOOR DRAIN W/ P-TRAP.

## **LEGEND**

SAS SINGLE CLEANOUT

GATE VALVE W/ BOX

POST INDICATOR VALVE FIRE DEPARTMENT CONNECTION

PROPOSED STORM DRAIN

—SAS— EXISTING SEWER LINE

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PROJECT

SH QUE, UPTOWN ALBUQUERG

**URT REVIEW** 

REVISIONS

DRAWN BY

REVIEWED BY FCA 11/13/2015 PROJECT NO 15-0102

DRAWING NAME

UTILITY PLAN

SHEET NO