

HYDRANT ASSEMBLY  
(OPTIONAL) SEE NOTE

VALVE

VALVE

PRIVATE  
MAIN

FIRE HYDRANT ASSEMBLY WITHIN 100  
FEET OF 5" STORZ CONNECTION AND NO  
CLOSER THAN 25 FEET TO BUILDING

6" FIRELINE

BUILDING

METERED PLANT WATER

WATER METER

SPRINKLER RISER

30° DOWNWARD ELBOW WITH  
5" STORZ CONNECTION

DETECTOR CHECK AND METER

## REVIEW AND FEES

**A.** FIVE SETS OF SITE PLANS SHALL BE SUBMITTED TO THE CITY ZONING INSPECTOR TO BE REVIEWED BY THE ZONING INSPECTOR, FIRE DEPT. OFFICIAL, UTILITY DIRECTOR, CITY ENGINEER AND THE PLANNING COORDINATOR.

## TESTING

**A.** THE CITY FIRE DEPARTMENT PERSONNEL WILL CONDUCT SELECTIVE FIRE HYDRANT TESTING FOR RESIDUAL PRESSURE. THE TESTING IS DONE ANNUALLY OR WHENEVER NEEDED. PROCEDURES OF THE HYDRANT FLOW TEST ARE FOLLOWED FROM THE FOURTH EDITION OF THE IFSTA MANUAL "WATER SUPPLIES FOR FIRE PROTECTION". TESTING PROCEDURES ARE ON FILE AT THE MAIN FIRE STATION AND AT THE CITY ENGINEERING OFFICE.

## GENERAL NOTES

**A.** FIRE LINE AND HYDRANT INSTALLATION, TESTING AND MATERIALS SHALL BE THE SAME SPECIFICATIONS AS STATED IN THE CONSTRUCTION STANDARDS AND DRAWINGS. THESE CONSTRUCTION STANDARDS AND DRAWINGS SHALL ALSO BE FOLLOWED FOR WATERLINE EXTENSIONS ON PRIVATE PROPERTY THAT WILL PROVIDE FIRE LINE OR DOMESTIC WATER SERVICE.

**B.** CITY OF URBANA FIRE LINE REVIEW FORMS SHALL BE COMPLETED WITH TWO SETS OF PLANS FURNISHED TO THE CITY FIRE CHIEF.

**C.** CITY OF URBANA CERTIFIED I.S.O TEST SHALL NOT BE CERTIFIED TO THE STATE OF OHIO UNTIL THE FOLLOWING ITEMS HAVE BEEN COMPLETED.

- 1.) ONE SET OF DRAWINGS FURNISHED TO THE CITY ENGINEERING DEPARTMENT AND
- 2.) FIRE LINE INSTALLATION FORM SHALL BE COMPLETE

**D.** NO ADDITIONAL BOOSTER PUMPS SHALL BE INSTALLED FOR THE DOMESTIC LINE.

**E.** A CONTRACTOR REGISTERED THROUGH THE CITY OF URBANA SHALL PERFORM MAINTENANCE OF PRIVATE SERVICE LINES AND HYDRANTS. COORDINATION OF YEARLY HYDRANT FLUSHINGS WILL BE HANDLED THROUGH THE CITY FIRE DEPARTMENT.

**F.** FIRE LINE MAINTENANCE SHALL BE PERFORMED BY A CERTIFIED FIRE LINE CONTRACTOR THROUGH THE OFFICE OF THE STATE FIRE MARSHALL.

**G.** TESTING OF FIRE LINES SHALL BE PERFORMED BY A STATE-APPROVED FIRE LINE INSTALLER.

**H.** A CERTIFIED FIRE LINE CONTRACTOR LICENSED THROUGH THE OFFICE OF THE STATE FIRE MARSHALL SHALL PERFORM THE WORK.

**I.** THERE SHALL BE AN EXISTING OR NEW HYDRANT INSTALLED WITHIN 100 FEET OF THE 5" STORZ CONNECTION AND NO CLOSER THAN 25 FEET TO A BUILDING. EXCEPTIONS MUST BE SUBMITTED TO THE CITY FIRE PROTECTION OFFICIALS.

## SPRINKLER NOTES

**A.** HYDRAULIC CALCULATIONS FROM THE SPRINKLER SYSTEM DESIGNER SHALL BE SUBMITTED TO THE URBANA FIRE DEPT. WITH THE SITE PLAN FOR REVIEW.

**B.** INSTALLATION OF A FLOW SENSOR MONITOR WILL BE REQUIRED TO REPORT TO AN APPROVED MONITORING SYSTEM. (I.E. POLICE, PRIVATE STATION, ETC.)

**CITY OF  
URBANA**

# FIRE LINE DETAIL AND NOTES

REVISIONS:  
03-13-12  
12-20-12

DATE  
APPROVED:  
01-13-06

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