

CONTRACT FOR USE OF FIRE PROTECTION SYSTEM

THIS AGREEMENT made and entered on this the _____ day of _____, 20____ by and between _____ its successors and assigns, hereinafter referred to as "Customer" and the Jessamine County Water District No. 1, its successors and assigns, of Jessamine County, Kentucky, hereinafter referred to as "District".

WHEREAS, the Customer is the owner of certain real property which is situated within an area to be provided with water services by the District, and

WHEREAS, the Customer intends to install, own and maintain a fire protection system to be supplied water by the District's system, and

WHEREAS, it is the policy of the District to meter or otherwise monitor flow from all connections to its system.

WITNESSETH: The Customer in consideration of permission hereby granted by the District for the Customer to connect said fire protection system to a double detector check valve installed by the Customer, the Customer does hereby covenant and agree with the District as follows:

1. The complete Fire Protection System, including the double detector check valve installation, the check valve of the water line connecting the detector check valve and the District's system, the valve pit box and all related appurtenances to the point of the Districts' valve shall be owned, installed and maintained solely by and at the expense of the Customer.

2. The plans, specifications and construction for the complete fire protection system must comply with all District, local, state and federal requirements and regulations and be approved by the District before construction and installation. Customer shall comply with the attached "Guidelines for Fire Service Installation" in the installation and maintenance of the Fire Protection System.

3. No connections shall be made to the Customer's fire protection system for any purpose other than fire protection.

4. The "Guidelines for Fire Service Installation" are attached hereto and incorporated by reference herein as if copied verbatim herein.

5. The Customer shall pay the District for all water used from the fire protection system. Prior to making fire flow tests or other anticipated water use from the fire protection system the Customer shall give the District 48 hours notice so that representative of the District can be present at the time of such water usage to estimate the quantity of water used. Should water be discharged from the fire protection system accidentally or because of an actual fire, the District shall be notified within 24 hours after such an event so that an estimate of the quantity of water used can be made.

Water used from the fire protection system shall be paid for according to the District's standard rate schedule or any future schedules of the District as approved by the Public Service Commission of Kentucky.

6. The Customer shall pay bills for a one inch meter as set forth in the standard rate schedule of the District as approved by the Public Service Commission of Kentucky.

7. The Customer shall maintain its fire protection system in good condition and will make timely repairs of leaks that may occur in said system. Service to the Customer's fire protection system shall be discontinued by the District should a leak develop that Customer had not located and repaired within a reasonable time as determined by the District.

8. It shall be the Customer's responsibility to make periodic tests to assure the proper operation of the double detector check valve installation, in accordance with all applicable laws and regulations.

9. The District does not guarantee a water supply to the Customer's fire protection system at any particular flow rate or pressure. Furthermore, the Customer will indemnify and hold harmless the District and its employees or agents from and against all claims, damages, losses, and expenses incurred as a result of insufficient water supply to the Customer's fire protection system or any failure of the double detector check valve installation and/or appurtenances. This service is limited to lines of such size determined to be adequate for this service by the District and all approvals of State Fire Marshall, Kentucky Natural Resources and Environmental Protection Cabinet and any other applicable agency will be required before installation is finally approved for service.

10. If the Customer fails to comply with the terms of this Agreement and any other applicable rules and regulations of the District, service to the Customer may be discontinued by the District at any time.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by its duly authorized officers on the date first above written.

JESSAMINE COUNTY WATER DISTRICT No. 1

BY: _____

CUSTOMER

ADDRESS OF PROPERTY

BILLING ADDRESS

PHONE NUMBER

JESSAMINE COUNTY WATER DISTRICT No. 1

GUIDELINES FOR FIRE SERVICE INSTALLATION

June 28, 2012

The following are general guidelines for installation of fire protection systems within the service territory of Jessamine County Water District No. 1 (JCWD1). These should be considered as minimum acceptable standards. The final design of all components of the system is the responsibility of the property owner/developer and his design consultant(s). Should the designer feel that these standards are inadequate for a specific project, alternative designs may be submitted for review, so long as the minimum standards presented herein are satisfied.

When it is necessary for any customer to have full line flow for fire protection purposes, there shall be installed in the water line a device known as a "Double Detector Check Valve Assembly" with a metered by-pass. A detailed drawing of the proposed fire vault and site plan (to scale) shall be submitted to the City (if the proposed installation is within city limits) and JCWD1 for review and approval prior to installation. Any construction activities completed prior to JCWD1 approval of submitted plans shall be solely at the property owner/developer's risk.

The metered by-pass shall be of sufficient size to carry normal usage without activating the "Double Detector Check Valve Assembly". The "Double Detector Check Valve Assembly" shall be manufactured in accordance with current AWWA standards and applicable State and local rules and regulations.

Property owners or developers that install or upgrade fire suppression systems that require a fire department connection (FDC) shall install a 5-inch "Storz" fitting with cover attached to a 30 degree downturn on the FDC outlet fitting. The distance from the ground to the bottom edge of the fitting shall be no less than 24 inches and no more than 30 inches. All FDC's shall be located at least 15 feet away from the structure, unless the installation of a new sprinkler system or substantial upgrade of an existing sprinkler system is in an existing building and a remote FDC away from the building is not possible. The FDC shall not be obstructed in any way that would hinder access or operation from a fire department apparatus. If the FDC is in an un-curbed vehicle accessible area, it shall be protected by brightly colored traffic bollards engineered to protect it from vehicular traffic.

The property owner and/or operator during renovation or new installation of fire suppression system shall install or upgrade the system to include the "Double Detector Check Valve Assembly" installed within the fire vault after the post indicator valve (PIV) line. All PIV installations or upgrades shall be electronically monitored and painted bright red with the indicator sight glass facing the roadway and/or FDC. All FDC and PIV installations shall have a marker affixed on or near the device that clearly indicates the property or area that the device serves.

A fire hydrant meeting current City of Nicholasville specifications (Mueller A-425 Super Centurion 200) shall be installed or located within 50 feet of the FDC and shall be located within 10 feet of a paved surface roadway capable of access by and of supporting a fire apparatus.

All "Double Detector Check Valve Assembly" shall be installed within a pre-cast concrete vault and shall be located as close to the existing JCWD1 main as possible. The proposed vault location shall be submitted on a scaled site plan (2 copies) to JCWD1 for review and approval prior to construction. The "Double Detector Check Valve Assembly" shall not be installed inside any building.

Any request for fire service installations 8" or larger shall include written documentation justifying the need for such service, along with hydraulic calculations, based upon actual recent field flow testing and bearing the seal and signature of a Professional Engineer holding a current license in the State of Kentucky, that verifies the adequacy of available water flow. Any such request shall also include detailed drawings of the proposed vault and its contents.

MATERIALS:

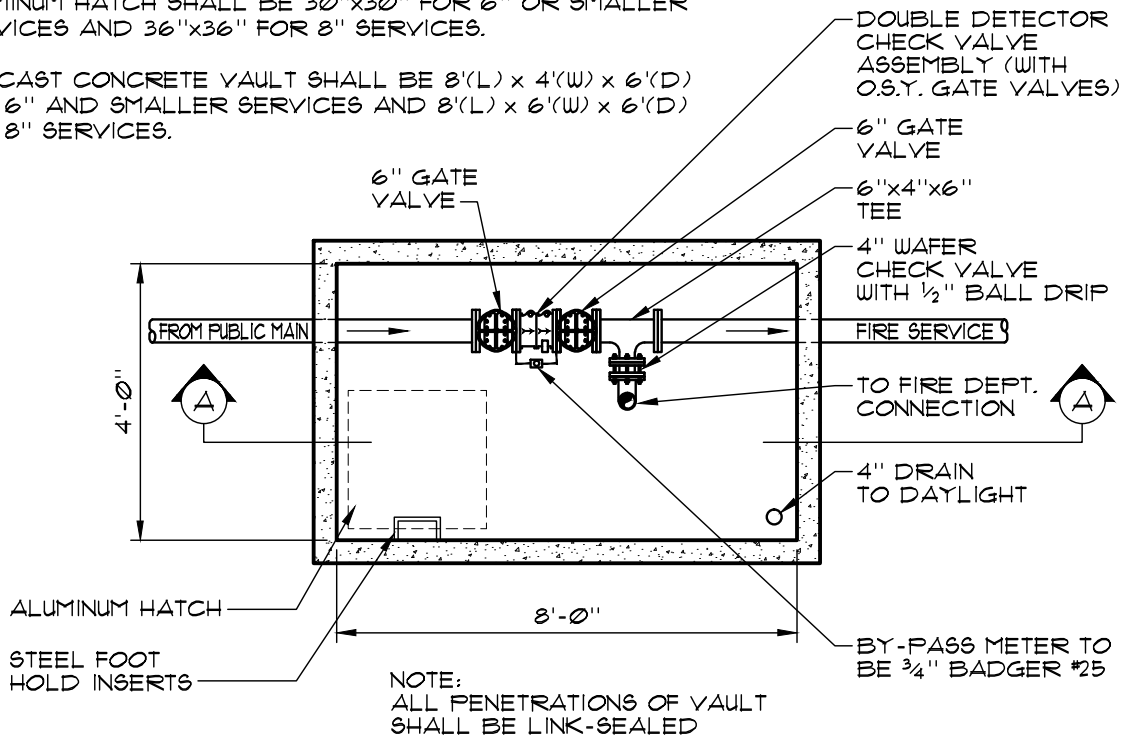
- A. Polyvinyl Chloride Pipe (PVC) – A minimum of DR18, Pressure Class of 150 PSI shall conform to the latest edition of AWWA C900, must be NSF approved and manufactures in accordance with latest ASTM standards.
- B. Fittings – All fittings and accessories shall be Ductile Iron, rated for a minimum of 200 PSI working pressure. The fittings and accessories shall be new and unused. All pipefitting shall utilize mechanical joint fittings. Mechanical joints shall conform to AWWA C111, latest edition.
- C. Valves – All valves shall open by turning counter-clockwise. Valves 12 inches and smaller shall be resilient seated gate valves, non-rising stem with “O” ring packing seals rated at 250 PSI minimum working pressure and conform to the applicable portions of AWWA Standard C509, latest edition. Tapping sleeve and valves shall be designed for a minimum working pressure of 200 PSI. The tapping sleeve together with the tapping valve shall be tested at 200 PSI for 20 minutes with no loss of pressure. Full gasket stainless steel type tapping sleeves shall be installed on all sizes of water mains. Direct bury valves shall include valve box and concrete collar to allow for access to the valve for operation from the surface.
- D. Fire Hydrants – All fire hydrants shall be Mueller A425, double steamer with two 4 ½ inch outlets. Fire hydrants shall be capable of flowing 1000 GPM at 20 PSI residual at locations within the Nicholasville City Limits.
- E. Meters – Badger (model 25) type ¾” by-pass meter shall be installed on “Double Detector Check Valve Assembly” by fire protection contractor.
- F. Fire Vaults – Minimum inside vault dimensions shall be 8’ (L) x 4’ (W) x 6’ (D) for proposed services 6” and smaller, and shall be 8’ (L) x 6’ (W) x 6’ (D) for 8” services. The vault shall be watertight and top of the vault shall be at finished grade level. Pre-cast vaults shall be utilized. See attached fire vault plans for details. Fire Vault shall be installed as close as possible to the existing water main and shall drain line to daylight via Schedule 40 PVC pipe if possible. Fire vaults shall have a minimum 30” x 30” aluminum hatch for 6” and smaller services and a 36” x 36” aluminum hatch for 8” services. Hatches shall be as manufactured by Bilco or Halliday.
- G. Double Detector Check Valve Assemblies – Double detector check valves shall be installed in the horizontal position, with adequate space to facilitate maintenance and testing. Control valves for double detector check valve assembly shall be one handwheel operating type and one post indicator type. Acceptable manufacturers are: Watts, Ames, Febco or Wilkins.

OTHER PROVISIONS:

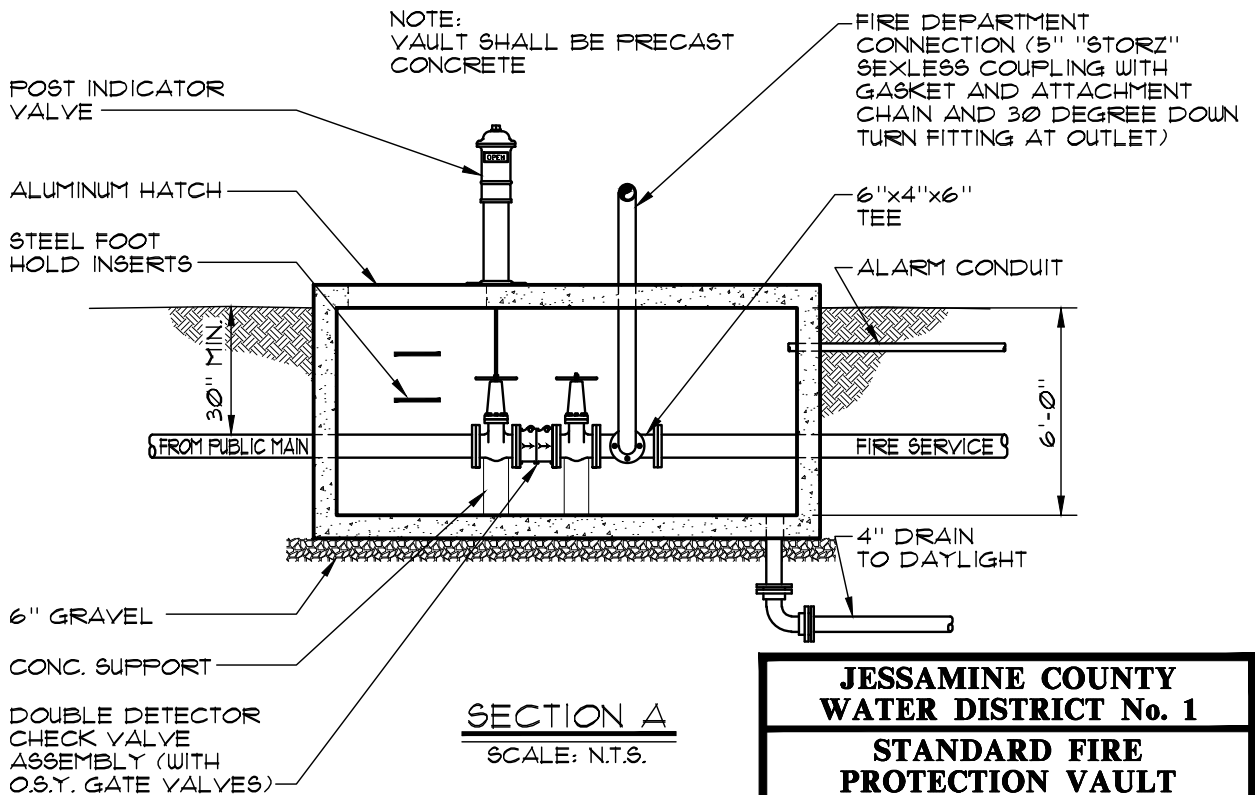
- A. Prior to any installation activities, the property owner/developer must provide JCWD1 with approval letters from the State Division of Housing and the City of Nicholasville (if the site is located within the City Limits or proposed for annexation). These letters shall be provided to JCWD1 for review and approval along with two (2) sets of plans showing the proposed vault location, existing and proposed utilities, buildings and other structures and easements, as well as fire vault details. The site plan shall be to scale.
- B. Upon approval of the proposed plans by JCWD1, the property owner/developer shall execute a Contract for Detector Check Valves. This Contract is available from JCWD1 upon request. This Contract must be executed, and all bills, fees or other charges satisfied by the owner/developer, prior to any water service being provided by JCWD1.
- C. The property owner/developer shall be subject to the standard billing practices of JCWD1 and shall be assessed a minimum monthly bill for a 1" meter each month, per JCWD1 standard billing rates.
- D. The property owner/developer shall retain ownership as well as operations, maintenance and testing responsibilities for all fire protection systems, or portions thereof, at all times. JCWD1 shall in no way be responsible or liable for the functionality of fire suppression systems.
- E. All fire protection systems shall be tested at the interval required by the applicable State, Federal or local regulations. At no time shall the test interval be longer than one (1) year. Testing is the responsibility of the property owner/developer. JCWD1 shall be notified of an impending test at least 72 hours in advance, so that water usage may be estimated, and shall be provided written test results after each test.
- F. JCWD1 shall install all taps to existing water mains. Under no circumstances shall the property owner/developer or his agent tap existing JCWD1 water mains. All taps shall include a tapping sleeve and valve. JCWD1 ownership and maintenance or other responsibilities shall end at this valve. The fire suppression system shall connect to the JCWD1 system at the tapping valve installed by JCWD1. Only JCWD1 personnel shall operate the valve.
- G. JCWD1 will invoice the property owner/developer for the actual cost of the installation of the tapping sleeve and valve. An estimate of this cost may be provided for budgeting purposes prior to the work upon request of the property owner/developer.
- H. The completed fire vault shall be subject to inspection and approval by JCWD1 personnel prior to the commencement of water service.
- I. The property owner/developer shall be responsible for reimbursing JCWD1 for all expenses related to the installation of a fire protection system. Such expenses may include, but shall not be limited to: engineering fees for submittal review or other services relating to the proposed fire protection system, field inspection by JCWD1 or others, field construction by JCWD1 or others, legal fees, etc. No water shall be provided until all fees or charges are paid in full.

NOTES :

1. ALUMINUM HATCH SHALL BE 30"x30" FOR 6" OR SMALLER SERVICES AND 36"x36" FOR 8" SERVICES.
2. PRECAST CONCRETE VAULT SHALL BE 8'(L) x 4'(W) x 6'(D) FOR 6" AND SMALLER SERVICES AND 8'(L) x 6'(W) x 6'(D) FOR 8" SERVICES.




PLAN
SCALE: N.T.S.



SECTION A
SCALE: N.T.S.

NOTE:
ALL VALVES TO BE SUPERVISED

JESSAMINE COUNTY WATER DISTRICT No. 1	
STANDARD FIRE PROTECTION VAULT	
	SCALE : N.T.S
	DATE : JUNE 2012
	DRAWN BY : SAB
	CHECKED BY : CAS