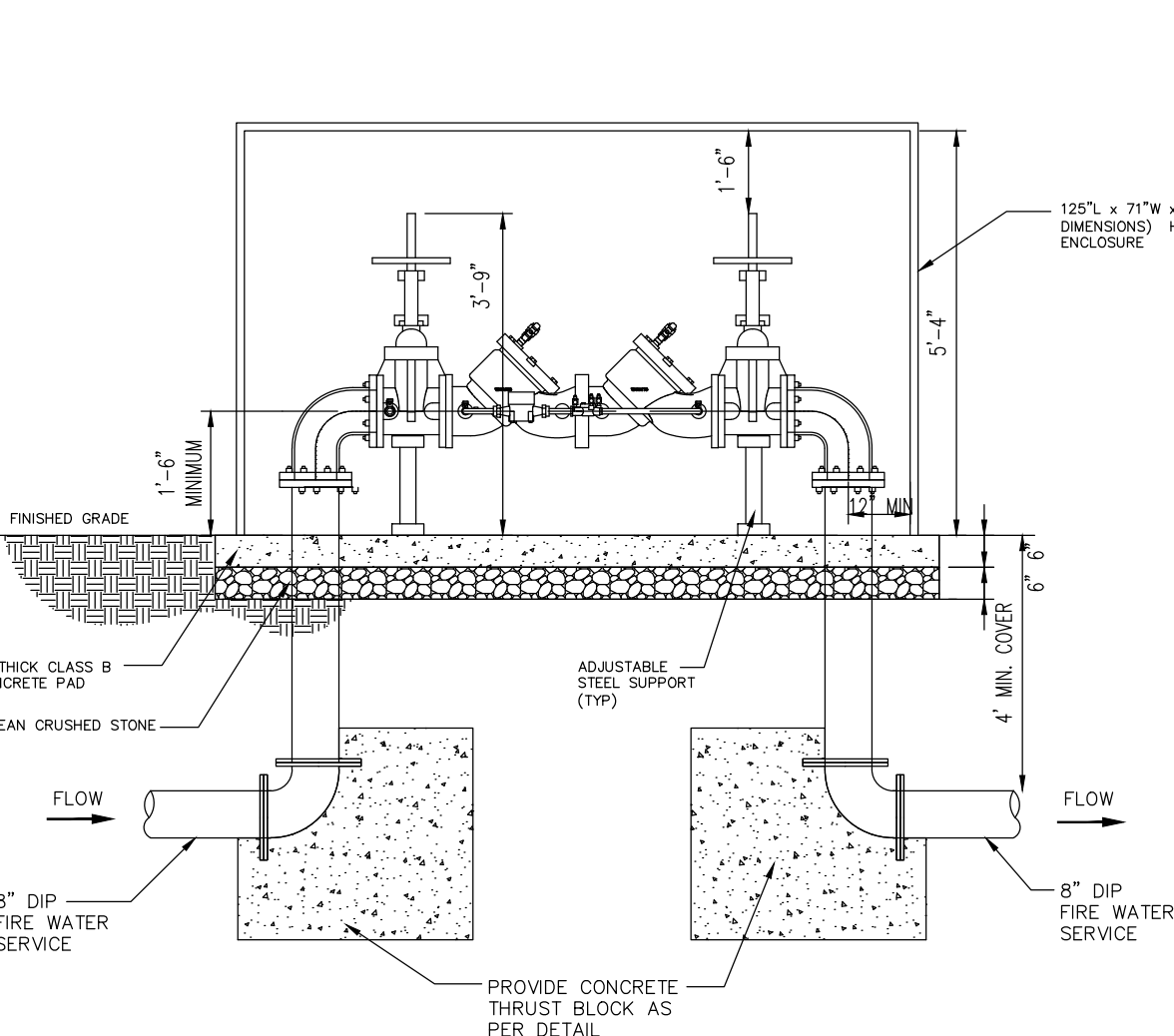
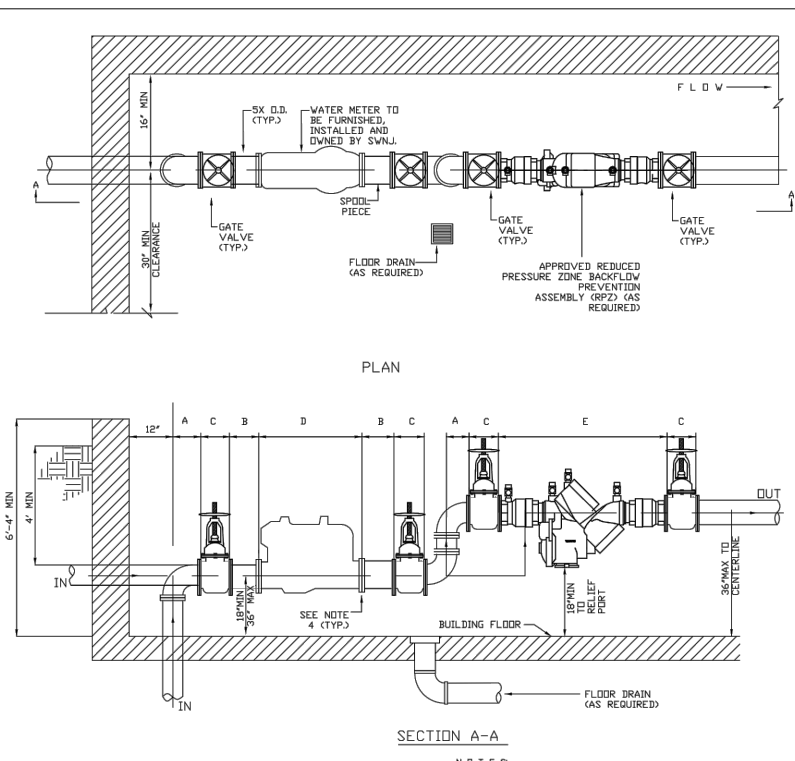


NOTE:  
 1. HOT BOX AS MANUFACTURED BY HUBBELL POWER SYSTEMS, INC. OR APPROVED EQUIV.  
 2. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL WORK INCLUDING ALL CONNECTIONS WITH DIMENSIONAL LAYOUT.  
 3. CONTRACTOR SHALL PROVIDE POWER TO HOT BOX HEATER, COORDINATED WITH BUILDING ELECTRICAL PLANS FOR CONDUIT AND WIRING INFORMATION.



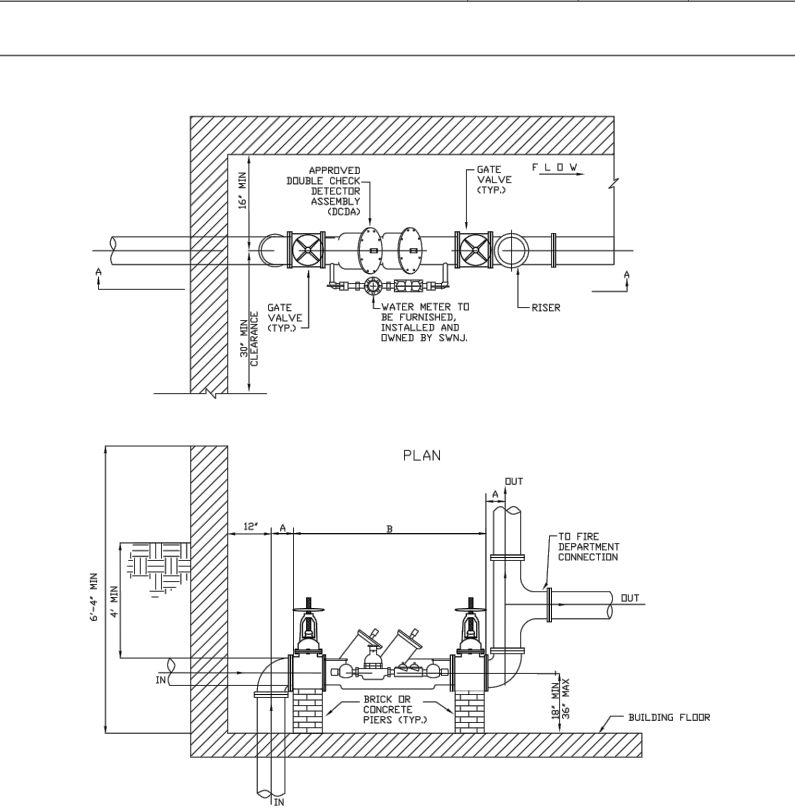
NOTE: PER ARTICLE 130 OF THE NYS EDUCATION LAW SECTION 7209(2)(c), IT IS A VIOLATION TO ALTER THIS DOCUMENT IN ANY MANNER WITHOUT THE WRITTEN VERIFICATION OR ADOPTION BY THE LICENSED ENGINEER WHO HAS SIGNED THIS PLAN.



APPROXIMATE DIMENSIONS

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
3"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

NOTE: THE REQUIREMENT TO DETAIL AN APPROVED DETAIL SHALL BE THE RESPONSIBILITY OF THE DETAILER. THE DETAILER SHALL BE RESPONSIBLE FOR THE DETAILING OF THE DETAIL. THE DETAILER SHALL BE RESPONSIBLE FOR THE DETAILING OF THE DETAIL. THE DETAILER SHALL BE RESPONSIBLE FOR THE DETAILING OF THE DETAIL.



APPROXIMATE DIMENSIONS

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
3"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

NOTE: THE REQUIREMENT TO DETAIL AN APPROVED DETAIL SHALL BE THE RESPONSIBILITY OF THE DETAILER. THE DETAILER SHALL BE RESPONSIBLE FOR THE DETAILING OF THE DETAIL. THE DETAILER SHALL BE RESPONSIBLE FOR THE DETAILING OF THE DETAIL. THE DETAILER SHALL BE RESPONSIBLE FOR THE DETAILING OF THE DETAIL.

## BACKFLOW PREVENTER AND ENCLOSURE DETAIL

Job Name \_\_\_\_\_ Contractor \_\_\_\_\_  
 Job Location \_\_\_\_\_ Approval \_\_\_\_\_  
 Engineer \_\_\_\_\_ Contractor's P.O. No. \_\_\_\_\_  
 Approval \_\_\_\_\_ Representative \_\_\_\_\_

### Series 709DCDA Double Check Detector Assemblies

Sizes: 3" - 10"

Series 709DCDA Double Check Detector Assemblies are designed exclusively for use in accordance with water authority containment requirements. It is mandatory to prevent the reverse flow of the protection system substances, i.e. glycol, wetting agents, stagnant water and water of non-potable quality from being pumped or siphoned into the potable water line.

**Benefit:** Detects leaks... with emphasis on the cost of uncontrollable water. Incorporates a meter which allows the water utility to:

- Detect leaks underground that historically create great annual cost due to waste.
- Provide a detection point for unauthorized use. It can help locate leakages.

Modular check design concept facilitates maintenance and assembly access. All sizes are standardly equipped with stainless steel CSY shut-off valves, 1/2" x 1/2" meter and ball type test cocks.

**Features**

- Body construction fused epoxy coated cast iron
- Replaceable bronze seats
- Maximum flow at low pressure drop
- Compact for economy combined with performance
- Design simplicity for easy maintenance
- Furnished with 1/2" x 1/2" bronze meter
- No special tools required for servicing

**Specifications**

A Double Check Detector Assembly shall be installed on fire protection systems when connected to a potable water supply. Degree of hazard present is determined by the local authority having jurisdiction. The unit shall be a complete assembly including LUFM, lateral resistant sealed CSY shut-off valves and test cocks. The unit shall be ULFM approved with ULFM approved CSY shut-off valves. The assembly line that consists of an approved backflow preventer and water meter. The assembly shall meet the basic requirements of ASSE 1048, AWWA S100, S102, S103, S104, S105, S106, S107, S108, S109, S110, S111, S112, S113, S114, S115, S116, S117, S118, S119, S120, S121, S122, S123, S124, S125, S126, S127, S128, S129, S130, S131, S132, S133, S134, S135, S136, S137, S138, S139, S140, S141, S142, S143, S144, S145, S146, S147, S148, S149, S150, S151, S152, S153, S154, S155, S156, S157, S158, S159, S160, S161, S162, S163, S164, S165, S166, S167, S168, S169, S170, S171, S172, S173, S174, S175, S176, S177, S178, S179, S180, S181, S182, S183, S184, S185, S186, S187, S188, S189, S190, S191, S192, S193, S194, S195, S196, S197, S198, S199, S200, S201, S202, S203, S204, S205, S206, S207, S208, S209, S210, S211, S212, S213, S214, S215, S216, S217, S218, S219, S220, S221, S222, S223, S224, S225, S226, S227, S228, S229, S230, S231, S232, S233, S234, S235, S236, S237, S238, S239, S240, S241, S242, S243, S244, S245, S246, S247, S248, S249, S250, S251, S252, S253, S254, S255, 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