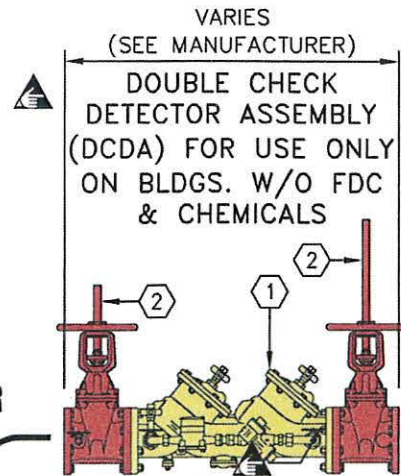
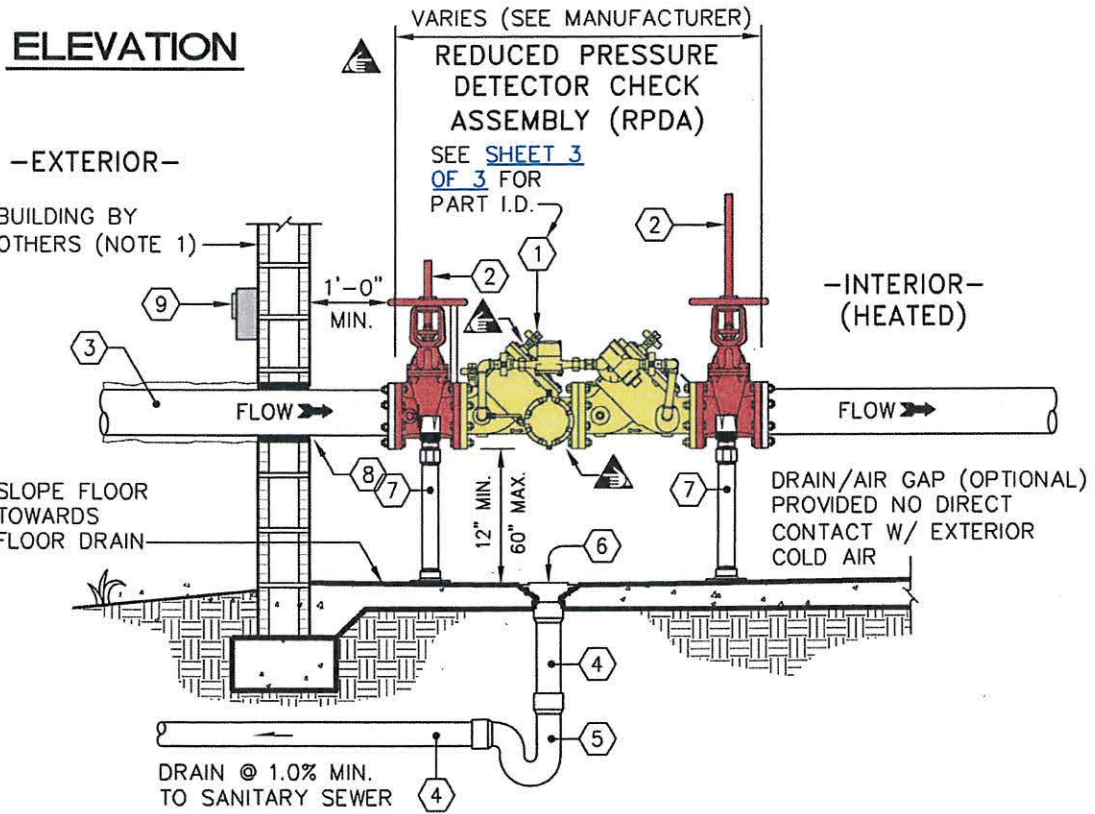


**-FIRE ONLY-  
-INDOOR INSTALL ONLY-  
MUST BE INSTALLED WITHIN 50'  
OF DOMESTIC TEE**



OR



SEE SHEET 3 of 3 FOR ALTERNATE THRU FLOOR ACCESS INTO BUILDING



Dept. of Water Management  
1600 Mist Lake Dr.  
Durham, N.C. 27704

**City of Durham, NC**  
USE WITH THE STANDARD SPECIFICATIONS ONLY

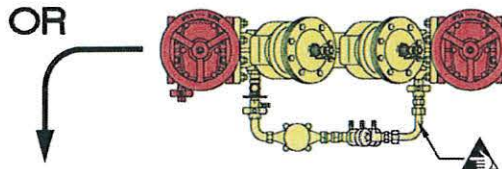
Voice (919) 560-4381  
www.durhamnc.gov

**2 1/2" to 12" FIRE ONLY DCDA, RPDA  
ASSEMBLY (INDOOR)**

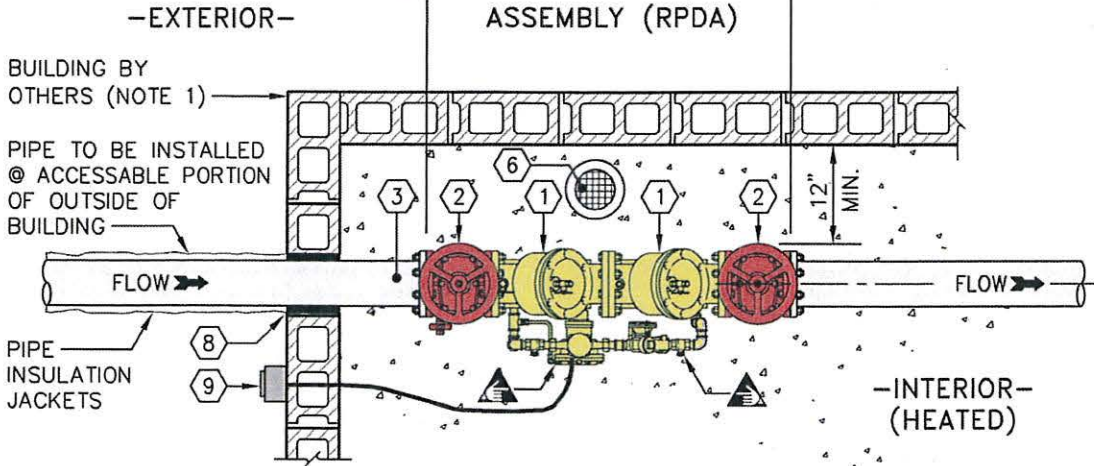
SCALE: Not To Scale	DETAIL # 2516.15
REVISION DATE: Feb., 2017	SHEET #: 1 of 3

**-FIRE ONLY-  
-INDOOR INSTALL ONLY-  
MUST BE INSTALLED WITHIN 50'  
OF DOMESTIC TEE**

VARIES (SEE MANUFACTURER)  
**DOUBLE CHECK  
DETECTOR ASSEMBLY  
(DCDA) FOR USE ONLY  
ON BLDGS. W/O FDC  
& CHEMICALS**



VARIES (SEE MANUFACTURER)  
**REDUCED PRESSURE  
DETECTOR CHECK  
ASSEMBLY (RPDA)**



**PLAN VIEW**

**NOTES:**

1. Backflow assembly is to be installed at an accessible portion of the building, provide doorway & key.
2. For critical facilities, provide bypass line with equal degree of hazard backflow assembly.
3. Provide minimum 3" annular clearance around riser.
4. Minimum clearance 12" from ground, Maximum 60" to highest part of backflow & 6" clearance on all sides from walls.



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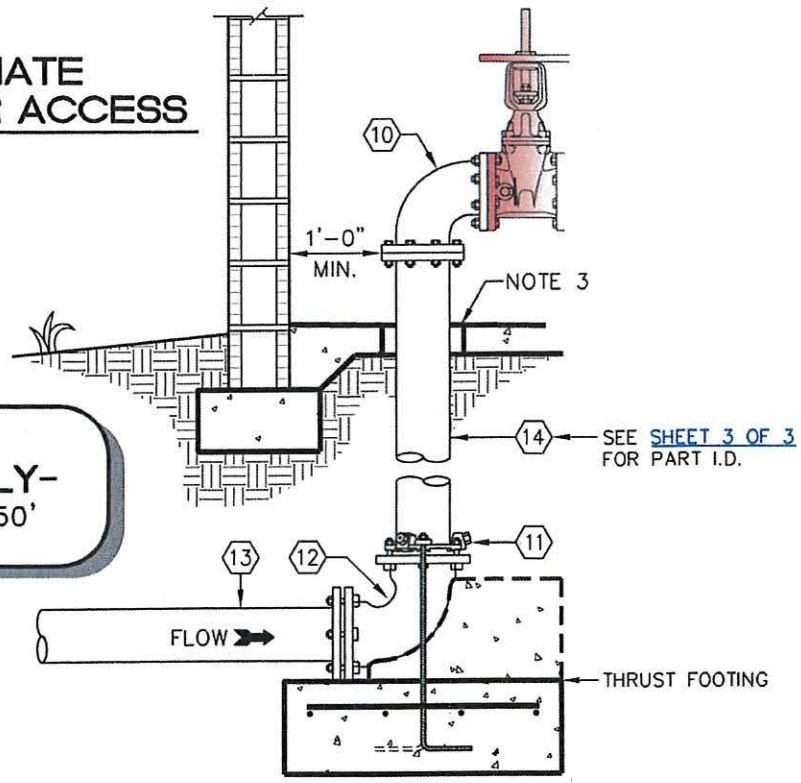
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**2 1/2" to 12" FIRE ONLY DCDA, RPDA  
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SCALE: Not To Scale	DETAIL # 2516.15
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## ALTERNATE THRU FLOOR ACCESS

**-FIRE ONLY-  
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OF DOMESTIC TEE**



#	PART	MANUFACTURER MODEL / Cat. No.
1	BACKFLOW PREVENTER, AS APPLICABLE	ASSE APPROVED LIST PROVIDED AT <a href="http://www.ASSE-Plumbing.org">www.ASSE-Plumbing.org</a>
2	OS&Y GATE VALVE WITH RESILIENT SEATS	ASSE APPROVED LIST PROVIDED AT <a href="http://www.ASSE-Plumbing.org">www.ASSE-Plumbing.org</a>
3	DIP FLANGE x FLANGE PIPE (VERIFY LENGTH) ALL MATERIALS TO CONFORM TO NC PLUMBING CODE.	AMERICAN CAST IRON PIPE, or GRIFFIN PIPE CO. TO BE APPROVED BY C.O.D.
4	CISP OR PVC SCH 40 PIPE	---
5	CISP OR PVC SCH 40 "P" TRAP	---
6	FLOOR DRAIN	SIZE & TYPE DETERMINED BY NC PE. TO BE APPROVED BY C.O.D.
7	ADJUSTABLE PIPE SUPPORTS HOT DIP GALVANIZED OR MASONRY SUPPORT. SUPPORTS SHALL BE LOCATED WHERE THEY WILL <u>NOT</u> INTERFERE WITH CLEANING & MAINTENANCE OF THE BACKFLOW.	SHOP FABRICATED AND HOT DIP GALVANIZED OR "STANDON" MODEL S92 SADDLE SUPPORT OR MASONRY SUPPORT
8	WALL SLEEVE with LINK SEAL	TO BE APPROVED BY C.O.D.
9	REMOTE METER READOUT (IN CUBIC FEET)	TO BE APPROVED BY C.O.D.
10	90° DIP FLANGE x FLANGE ELBOW	AMERICAN CAST IRON PIPE, or GRIFFIN PIPE CO., or U.S. PIPE & FOUNDRY
11	WEDGE ACTION RESTRAINER GLAND JOINT RESTRAINT	EBAA IRON SALES, INC. , FORD
12	90° DIP MJ x MJ ELBOW	AMERICAN CAST IRON PIPE, GRIFFIN PIPE CO., U.S. PIPE & FOUNDRY
13	DIP FLANGE x PE PIPE (VERIFY LENGTH)	AMERICAN CAST IRON PIPE, GRIFFIN PIPE CO., U.S. PIPE & FOUNDRY
14	3" THRU 12" DIP ALL MATERIALS TO CONFORM TO NC PLUMBING CODE.	AMERICAN CAST IRON PIPE, GRIFFIN PIPE CO., U.S. PIPE & FOUNDRY

DURHAM



1 8 6 9  
CITY OF MEDICINE

Dept. of Water Management  
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### City of Durham, NC

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## 2 1/2" to 12" FIRE ONLY DCDA, RPDA ASSEMBLY (INDOOR)

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DETAIL #  
2516.15

REVISION DATE:  
Feb., 2017

SHEET #:  
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