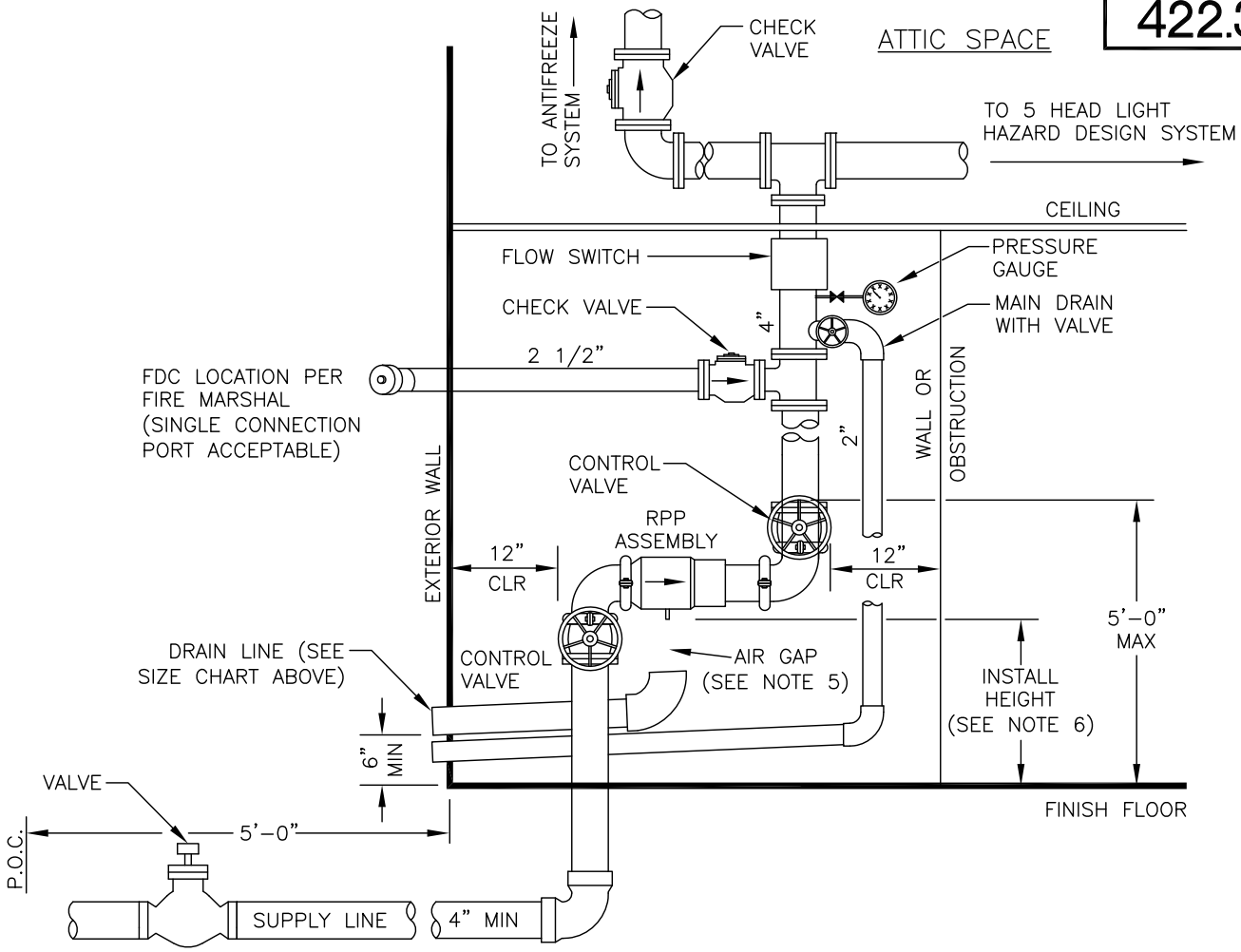

TABLE OF DIMENSIONS				
SUPPLY MAIN (INCHES)	ASSEMBLY SIZE (INCHES)	DRAIN SIZE (INCHES)	AIR GAP (INCHES)	INSTALL HEIGHT (INCHES)
4"	2"–3"	4"	8"	12"
6"	4"	6"	12"	18"
8"	6"	8"	16"	24"

NOTES:

1. THIS INTERNAL–ALTERNATE LOCATION SHALL BE USED ONLY WITH PRIOR APPROVAL FROM WATER UTILITY.
2. WATER SYSTEM CONSTRUCTION AND MATERIALS TO POINT OF CONNECTION (P.O.C.) SHALL BE PER CITY OF REDDING CONSTRUCTION STANDARDS (CORCS) PAGE 400.00.
3. ALL BACK FLOW PREVENTION ASSEMBLY INSTALLATIONS PER THIS STANDARD SHALL BE INSPECTED BY THE CITY BUILDING DEPARTMENT AND THE CITY OF REDDING MUNICIPAL WATER UTILITY.
4. ALL BACK FLOW PREVENTION ASSEMBLIES SHALL BE INSPECTED AND CERTIFIED UPON INITIAL INSTALLATION BY A CERTIFIED BACK FLOW TESTER (AWWA OR ABPA) PRIOR TO BEING PUT INTO SERVICE.
5. ALL BACK FLOW PREVENTION ASSEMBLIES INSTALLED WITHIN THE CONFINES OF A STRUCTURE SHALL HAVE A MIN. 2" DIA. DRAIN TO THE OUTSIDE OF THE STRUCTURE AS SHOWN IN THIS STANDARD. DRAIN PIPING SHALL NOT BE AFFIXED TO AND/OR SUPPORTED BY THE BACK FLOW PREVENTION ASSEMBLY.
6. AN AIR GAP OF NOT LESS THAN 2 TIMES THE DIA. OF THE SUPPLY PIPE SHALL BE PROVIDED BETWEEN THE RELIEF VALVE OPENING AND THE OPENING OF THE DRAIN PIPE AS SHOWN IN THIS STANDARD.
7. A MIN. OF 12" VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN THE RELIEF VALVE OPENING AND THE FINISHED FLOOR. THE FOLLOWING INSTALLATION HEIGHTS SHALL APPLY.
8. ASSEMBLY SHALL BE LOCATED ON EXTERIOR WALL.

DWG DATE: 7/05		SCALE: NTS	CITY OF REDDING • PUBLIC WORKS DEPARTMENT • ENGINEERING DIVISION	
1	7/13 4/06	UPDATE NEW STD	APPROVED BY 10/9/13 CITY ENGINEER	REDUCED PRESSURE PRINCIPLE (RPP) BACKFLOW ASSEMBLY INTERNAL–ALTERNATE LOCATION
MARK	DATE	REVISION		

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