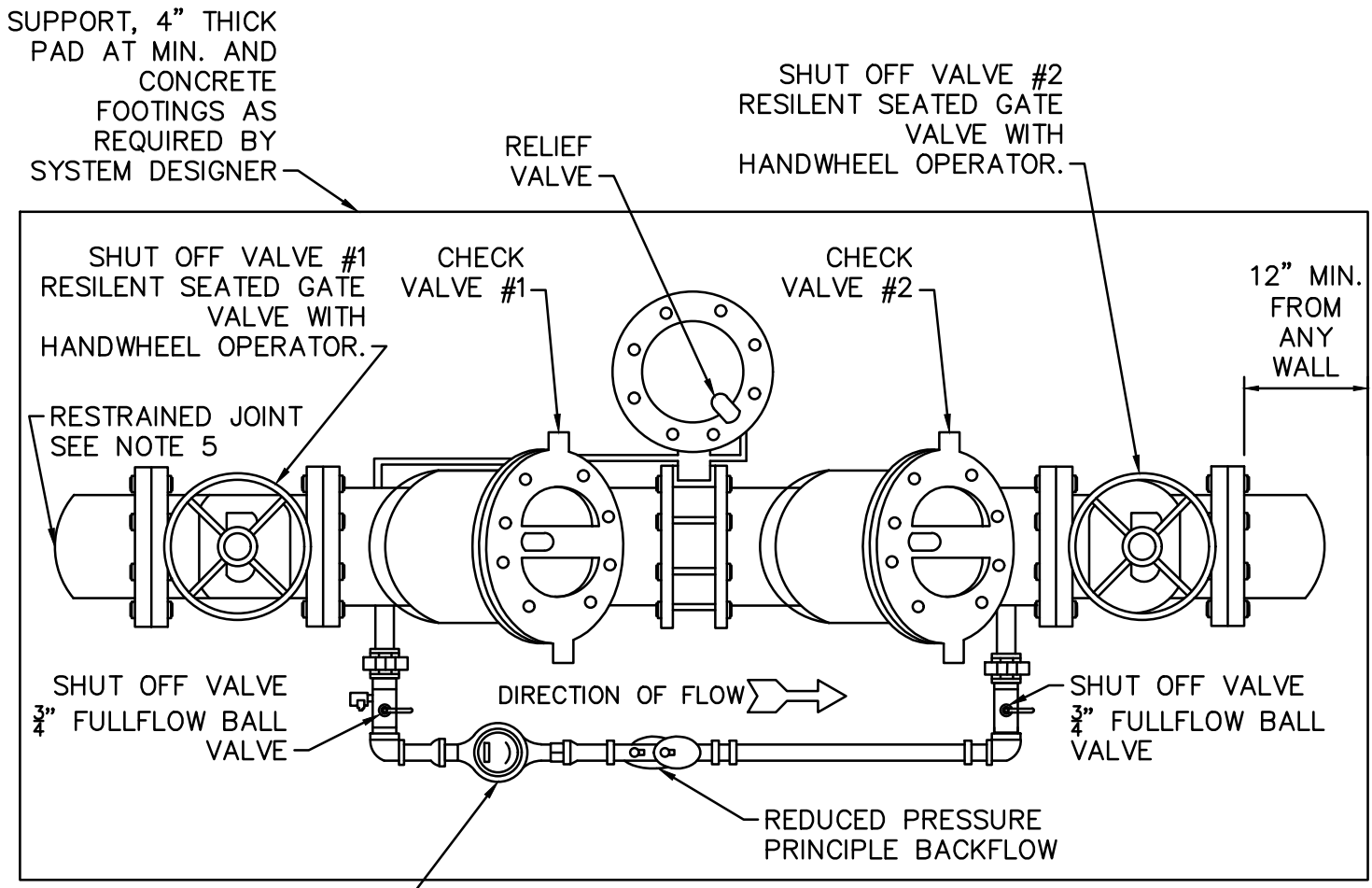


User:JUSTIN_HANES File:\CFPUA-SHARES\DEPARTMENT\ENGINEERS\2003_PROJECT MANAGEMENT DIVISION\2017_PROJECTS\314817_045-STANDARDS_UPDATE\40_CFPUA.DWG DETAILS\FINAL DETAIL DRAWINGS\CAD\M46_REDUCED PRESSURE DETECTOR ASSEMBLY.DWG Scale:1:1 Plot Date:1/26/2018 Time:16:17 Justin Hanes Layout:MODEL



NOTE 1, METER IN GALLONS **OUTDOOR INSTALLATION**

NOTES:

1. FIRE SERVICE BACKFLOW ASSEMBLIES MUST BE CFPUA APPROVED.
2. ABOVE GROUND REDUCED PRESSURE DETECTOR ASSEMBLIES (RPDA) PER CFPUA STANDARDS.
3. 4"–10" RPDA SHALL BE SUPPORTED WITH ADEQUATE SUPPORT PEDESTAL(S).
4. OUTDOOR INSTALLATION SHALL HAVE A PROTECTIVE ENCLOSURE PER CFPUA STANDARDS.
5. MAIN LINE 2 1/2" TO 3" BRASS, K-COPPER OR GALVANIZED PIPE, 4" TO 10" DIP. RESTRAINED JOINTS SHALL BE FLANGED OR APPROVED EQUAL.
6. CFPUA APPROVED 2 1/2" – 10" RPDA INCLUDES SHUT OFF VALVES #1 AND #2. AS PART OF THE ASSEMBLY. NO SUBSTITUTIONS SHALL BE PERMITTED.
7. TEST COCK #1 SHALL BE UPSTREAM OF SHUT OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY.
8. MUST COMPLETE CFPUA'S BACKFLOW INSTALLATION FORM. CONTACT COMMUNITY COMPLIANCE AT 910-332-6558 OR EMAIL COMMUNITY.COMPLIANCE@CFPUA.ORG.
9. ONLY IN-LINE TESTABLE ASSEMBLIES APPROVED BY THE USC FOUNDATION FOR CROSS CONNECTION CONTROL OR ASSE SHALL BE ACCEPTED.

DETAIL: FIRE SERVICE REDUCED PRESSURE DETECTOR ASSEMBLY	
SCALE: NOT TO SCALE	CFPUA DETAIL DATE: 01/01/19
CFPUA REV. No: 1	

CAPE FEAR PUBLIC UTILITY AUTHORITY
 235 GOVERNMENT CENTER DRIVE
 WILMINGTON, NC 28403
 OFFICE: (910)332-6560

Stewardship. Sustainability. Service.

DETAIL NO: EM-6
SHEET NO: -