

NOTES:

1. 3/8" BYPASS IN LOCKED CABINETS- USE A QUARTER TURN STOP. ALL PIPING SHALL BE RIGID AND SECURE.
2. 3/8" BYPASS EXPOSED- USE A LOOSE KEY CHROME STOP. ALL PIPING SHALL BE RIGID AND SECURE.
3. VERIFY SPRING BALL/CONE TYPE CHECK VALVES ARE USED (NOT SWING TYPE).
4. MIXING VALVES ARE TO BE CHROME PLATED IN ALL APPLICATIONS.
5. REFER TO PLUMBING SYSTEMS MANUAL AND SCHEDULE TO COORDINATE SYSTEMS INSTALLATION WITH EACH LOCATION THAT REQUIRES A SPECIALIZED APPLICATION.

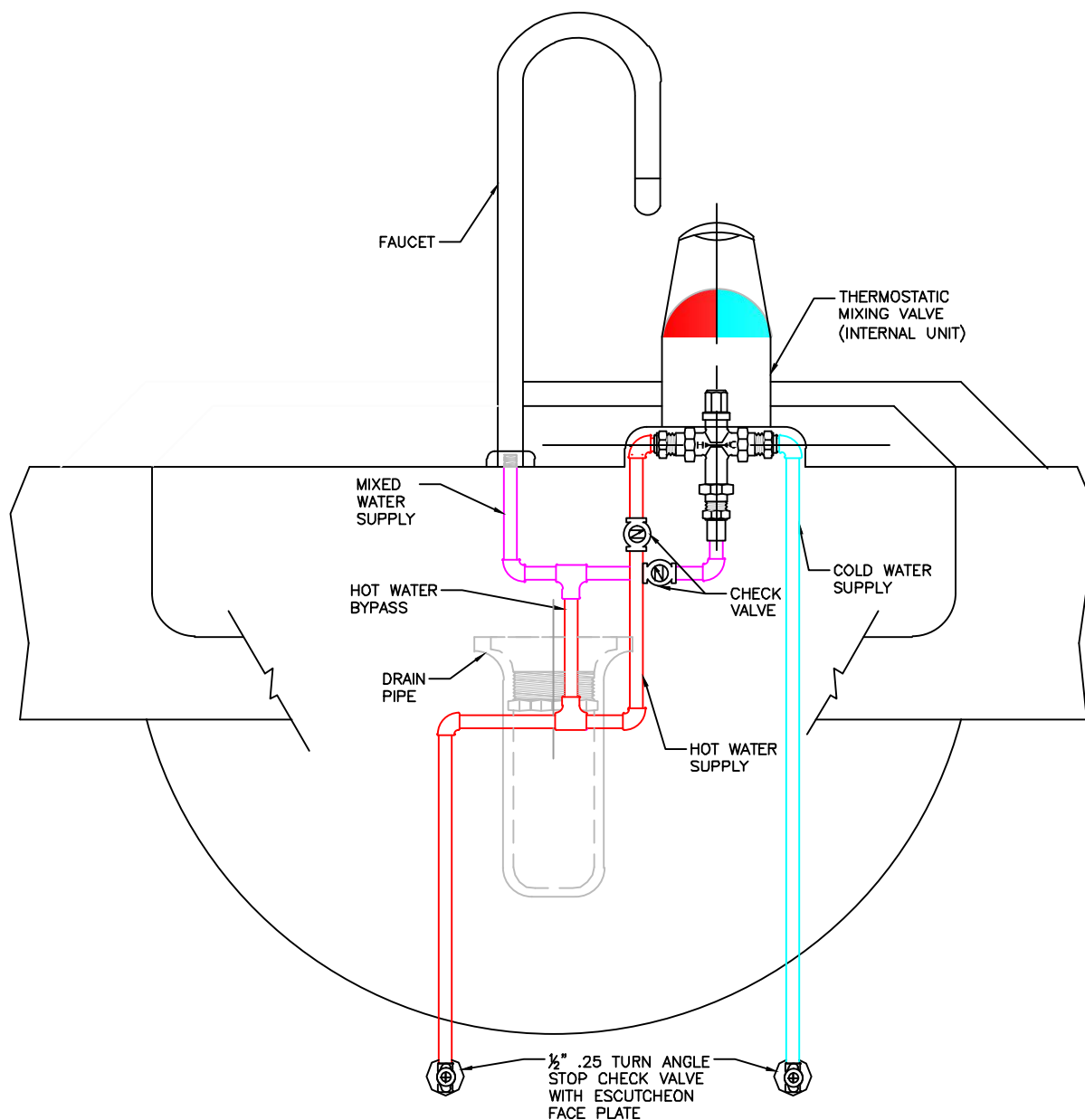
SERIES USG-B=M2


3/8" (10mm) compression and Quick-Connect fitting thermostatic mixing valve maintains and limits hot water to desired selectable temperature between 80°F and 120°F (27°C and 49°C) with flow rates as low as 0.5 gpm (3/8" (10mm) compression fitting thermostatic mixing valves maintain and limit hot water to desired selectable temperature between 80 degrees Fahrenheit and 120 degrees Fahrenheit (27 degrees Celsius and 49 degrees Celsius) with flow rates as low as 0.5 gpm (1.9 lpm) and as high as 2.5 gpm (9.5 lpm). The mixing valve is listed to ASSE Standards 1070 for single fixture applications. The USG-B series uses a double throttling design to control both the hot and cold water supply to the mixed outlet. The superior flow characteristics of this valve provide accurate temperature control (±3 degrees Fahrenheit) with low pressure drop. As an added feature, the USG-B-M1 incorporates dual check valves to protect against cross-flow and integral screens to filter out debris. Insulate all plumbing.

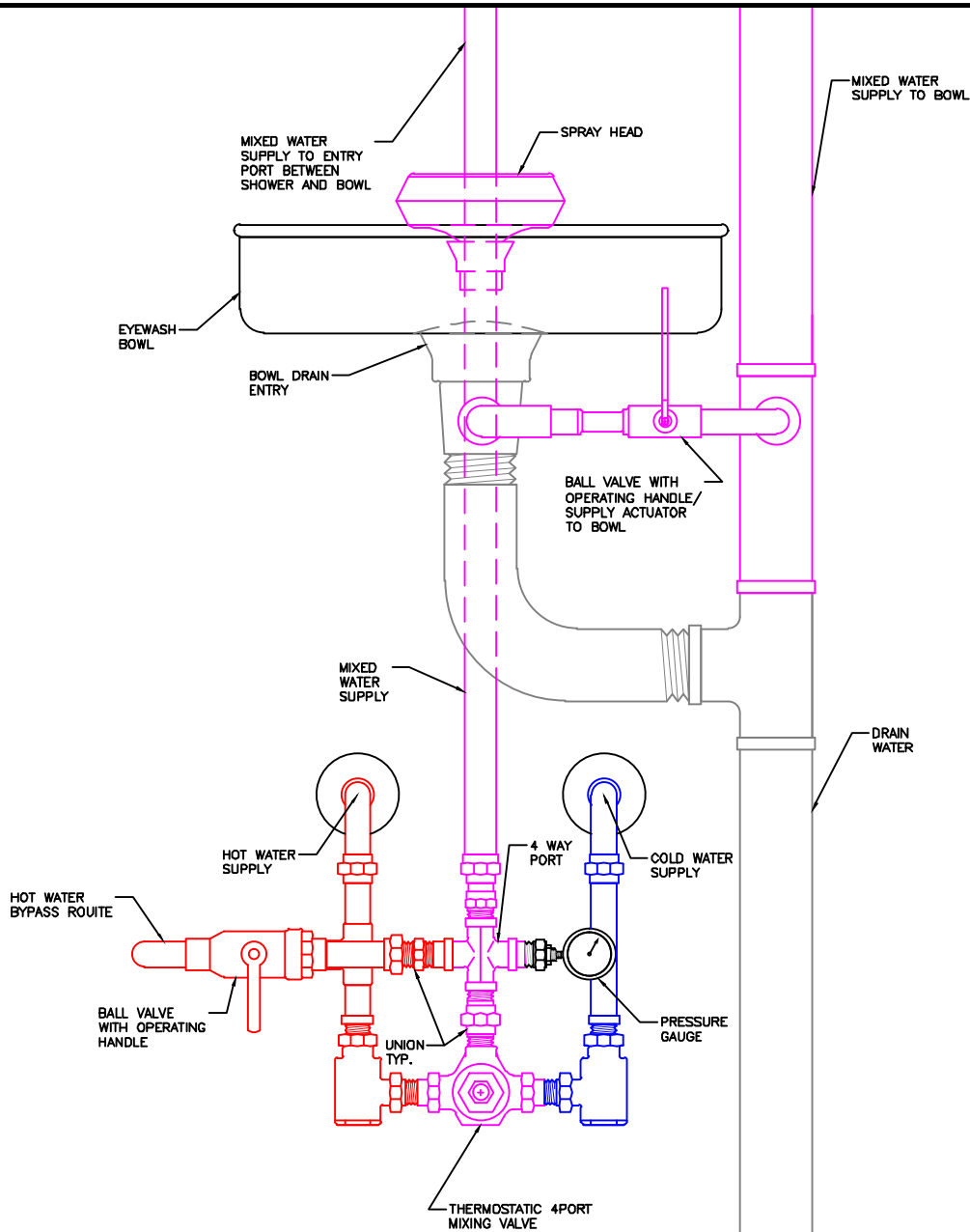
Office of Facilities Management 	Approved: Director, VA Pittsburgh Healthcare System	Sketch Title	Project Title		Date	Veterans Affairs	
	Approved: Chief Operating Officer	3-PORT MIXING VALVE	PLUMBING UPGRADES PROJECT		JAN. 10, 2013		
	Approved: Vice President, Facilities Management		Building No. #1	Scale NTS	Drawn DM		Project No.
	Approved: Manager, Projects Section		Approved: VISION 4, Safety and Fire Protection Engineer	Location	VA PITHS-PH-1-HEAL-ICARE SYSTEM		DRAWING NO.
		Approved: Site Manager	4113 BURGESS BLVD, 10400		SK 4		
Revisions	Date				Dwg. 1 of 1		

NOTES:

1. INSULATE ALL PIPING AND VALVES THAT ARE EXPOSED DURING CONSTRUCTION.
2. FIELD VERIFY THAT ALL PLUMBING WORK IS SECURE AND RIGID TO BLOCKING SUBSTRATE.
3. REFER TO PLUMBING SYSTEMS MANUAL AND SCHEDULE TO COORDINATE SYSTEMS INSTALLATION WITH EACH LOCATION THAT REQUIRES A SPECIALIZED APPLICATION.
4. HW BYPASS WILL NEED A KEYLESS INLINE VALVE WITH A SCREW CAP



1. CHANGED PLUMBING LINE-UP.	4-1-2013	<div>Office of Facilities Management</div> <div></div>	Approved: Director, VA Pittsburgh Healthcare System	Drawing Title SINK CONTROL AND BYPASS DETAIL	Project Title PLUMBING UPGRADES PROJECT			Date MAR. 27, 2013	Veterans Affairs
			Approved: Chief Operating Officer		Project No.				
			Approved: Vice President, Facilities Management	Approved: VISN 4, Safety and Fire Protection Engineer	Building No. #1	Scale NTS	Drawn DM	DRAWING NO. SK 6 Dwg. 1 of 1	
Revisions	Date		Approved: Manager, Projects Section	Approved: Site Manager	Location VA PITTSBURGH HEALTHCARE SYSTEM 300 UNIVERSITY DRIVE DIVISION 4 PITTSBURGH, PA 15261				



NOTES:

1. REFER TO PLUMBING SYSTEMS MANUAL AND SCHEDULE TO COORDINATE SYSTEMS INSTALLATION WITH EACH LOCATION THAT REQUIRES A SPECIALIZED APPLICATION.
2. CONTRACTOR MUST VERIFY ALL FIELD CONDITIONS PRIOR TO WORK START AND AFTER WORK COMPLETION.

Office of
Facilities
Management



Approved: Director, VA Pittsburgh Healthcare System

Approved: Chief Operating Officer

Approved: Vice President, Facilities Management

Approved: Manager, Projects Section

Drawing Title

EYEWASH WITH SHOWER
CONTROL BYPASS DETAIL

Approved: VISN 4, Safety and Fire Protection Engineer

Approved: Site Manager

Project Title

PLUMBING UPGRADES
PROJECT

Building No.

#1

Scale

NTS

Drawn

DM

Location

VA PITTSBURGH HEALTHCARE SYSTEM
300 UNIVERSITY DRIVE DIVISION 4
PITTSBURGH, PA 15261

Date

APR 1, 2013

Project No.

DRAWING NO.

SK 7

Dwg. 1 of 1

Veterans
Affairs