




**WATER PRV PIPING DETAIL**  
 SCALE: NONE

FLOW RATE (MAXIMUM)	VALVE SIZE (MAX VELOCITY 10 FPS) "CLA-VAL" NO. 990
25 GPM	1"
65 GPM	1 1/2"
95 GPM	2"

NOTE: DO NOT INCLUDE TABLE ON CONSTRUCTION DRAWINGS.

**NOTES FOR DESIGNER:**  
(DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. SEE SHEET 3.
2. APPLICATION:
  - A. BUILDING SERVICE TO 25 GPM AND HVAC MAKE-UP WATER SYSTEMS.
  - B. CHECK VALVE REQUIRED ONLY IN TEMPORARY OFFICE BUILDINGS (TRAILERS, TRANSPORTABLES, ETC.)

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

NO	DATE	CLASS	REV	ADD	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
3	7-21-05	U	DY		DELETE PART NO. 991 FROM TABLE, ADDED CHECK VALVE TO DETAIL, REVISED NOTE 2B, AND ENG DIV LOGO.	RP	RF	JM	CO	TO
2	8-14-03	U			EDITORIAL CHANGES & DWG NO. WAS ST5122.	RP	RF	RR	GO	TO
1	9-8-02	U			GENERAL REVISION.	RP	JR	GO	GO	TO

**ENGINEERING STANDARDS PROGRAM**

**ENGINEERING STANDARDS MANUAL**

WATER PRV PIPING DETAIL  
MISCELLANEOUS SERVICE, 25-95 GPM

BLDG X TA-X DATE 0-28-99

APPROVED FOR RELEASE

DISCIPLINE POC: CHARLES DUPRE STANDARDS MANAGER: TOBIN ORUCH

Los Alamos NATIONAL LABORATORY

PO Box 1583  
Los Alamos, New Mexico 87545

CLASSIFICATION: U REVIEWER: LARRY BAYS DATE: 2 OF 3

PROJECT ID: CHAPTER 6 DRAWING NO: ST-D2020-2 REV: 3