



Clark County Department of Building & Fire Prevention

Building Division – Inspection Services

Field Inspection Guideline

SUBJECT:	Residential Back Water Valves	FIG-P-032		
Effective Date:	November 22, 1996	Revised: April 11, 2007	Approved By:	GJF
Code Chapter:	2006 UPC Section 710.1			Page 1 of 1

Interpretation:

Section 710.1 of the Plumbing Code states the requirements for back water valves. The following access requirements shall be observed when installing backwater valves in residential applications, per joint letter of agreement with Henderson, Las Vegas, and North Las Vegas.

Field Application:

Drainage piping serving fixtures which have flood level rims located below the elevation of the next upstream manhole cover of the public or private sewer serving such drainage piping shall be protected from backflow of sewage by installing an approved type backwater valve. All fixtures located within the dwelling unit may discharge through a single backwater valve, provided that approved type cleanouts are located immediately upstream and downstream of the backwater valve. Backwater valves shall be located where they will be accessible for inspection and repair at all times. The access sleeve shall not extend more than 24 inches from the top of the valve cover to the top of the sleeve cap. All backwater valves may be installed a maximum of 36 inches below grade provided an access box with minimum dimensions of 14 inches in width by 23 inches in length measured from inside edge to inside edge is used and the minimum depth of the box is 12 inches. All backwater valves located deeper than 36 inches shall be made accessible by use of a yard box or vault sized large enough to permit a person to enter the box for the purpose of accessing the backwater valve. Alternate methods for satisfying the above criteria may be submitted by appeal to the jurisdictions Building Department and must be approved by the Building Official.