

FIRE HYDRANTS

MATERIAL-Fire hydrants shall be traffic model (break away) compression type, opening against the pressure, AWWA c 502, "dry-barrel fire hydrants."

Hydrants shall have one pumper (steamer) connection and two hose connections which shall be furnished with chained or cabled caps.

Hydrants shall be supplied with 6 inch mechanical joint inlet and barrel length suitable for (normally) 4 ft of cover over the service pipe (4' bury)
Suitable barrel and stem extensions shall be furnished when bury depths exceed 4'.
Fire hydrants shall be furnished with drain valves.


SPECIFIC HYDRANT DETAILS

Size:	5 ¼" DIA. Main Valve Opening
Pumper Connection:	5" Stotz Connection
Hose Connection (2 EA.):	2 ¼" DIA.
Connection (nozzle) Threads:	Cincinnati Standard
Operating and Outlet-Nozzle Cap Nuts:	One Inch (1") Square
Direction of Opening:	Right (Clockwise)
Finish Paint:	Yellow
Specific Acceptable Model:	Kennedy-81A w/reflective skirt

INSTALLATION Hydrants shall be set in accordance with AWWA standard C-600 and the details on the standard drawings. Hydrants shall be located to produce complete accessibility and to minimize the possibility of vehicular impacts access drive approaches shall be constructed if required. Each specific hydrant location shall be approved by the Village prior to installation.

All hydrants shall be set plumb and as shown on the drawings.

Fire hydrants and shut-off valves shall be restrained in accordance with the details shown on the standard drawings. Concrete blocking is not acceptable as a means of restraint. Tie rods may be used in exceptional circumstances and when specifically approved by the Water Works Superintendent.

	VILLAGE OF INDIAN HILL DEPARTMENT OF WATER WORKS		DRAWING NO. WW-116
	APPROVED _____ DATE <u>October 2006</u>	SPECIFICATIONS WATER MAIN AND APPURTENANCES	