

FIRE HYDRANT

Fire hydrants shall conform to ANSI/AWWA C502 and must be Kennedy Guardian model K81 or Mueller Super Centurion 200 (catalog no. A-423) or Waterous Pacer Classic. These are dry-barrel type firehydrants with a 5." main valve opening, two hose nozzles and one pumper nozzle. Hydrants shall have a mechanical joint type connection and shall be painted according to 4.4.4.4. FIRE HYDRANTS.

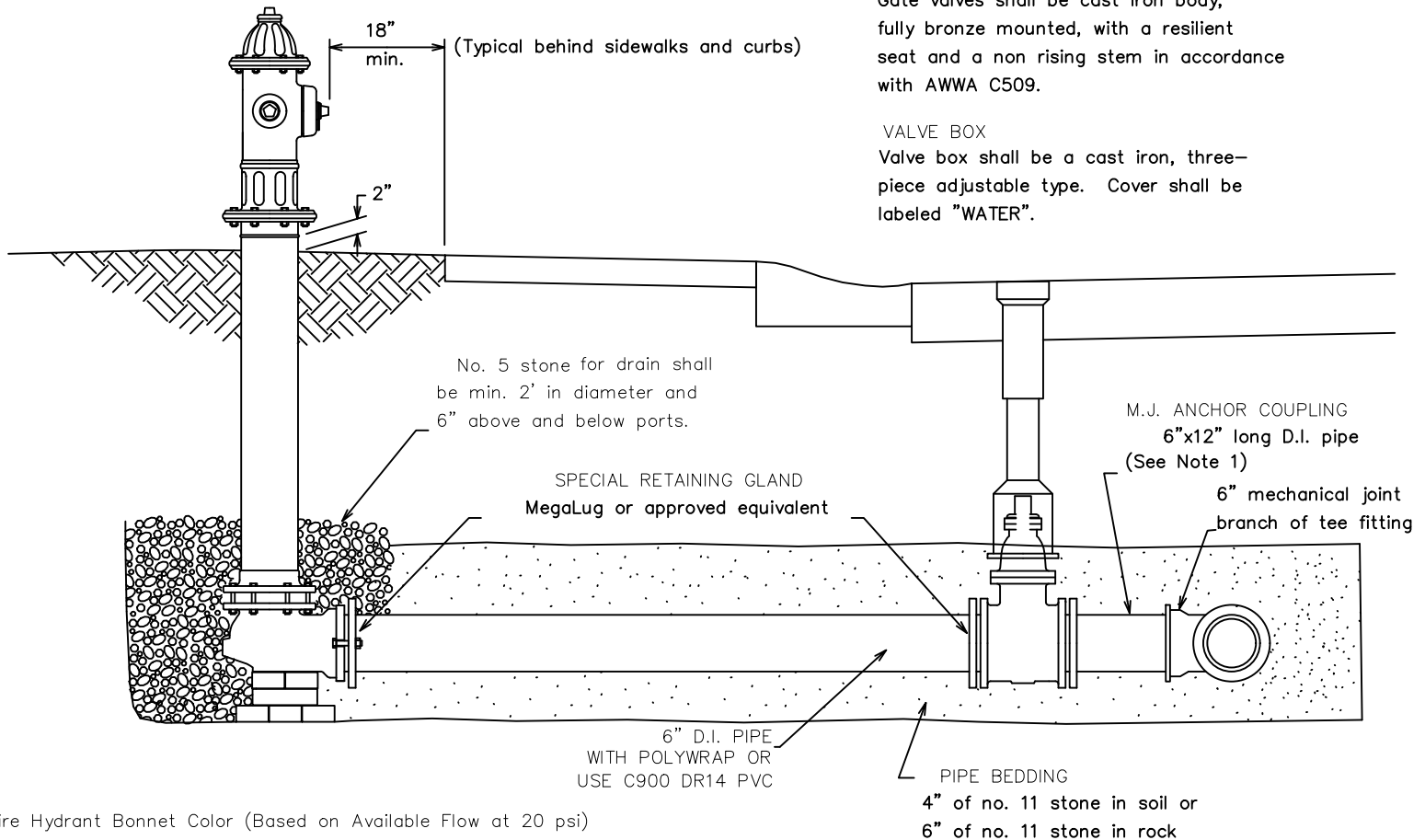
Install fire hydrant at a minimum of 2' from structures or obstructions and set the hydrant bury line 2" above finished grade. The pumper nozzle must face the street.

NOTES

1. For connection to existing water mains, a 6" tapping valve and saddle shall be used in place of the gate valve and anchor coupling.

6" M.J. GATE VALVE (See Note 1)
Gate valves shall be cast iron body, fully bronze mounted, with a resilient seat and a non rising stem in accordance with AWWA C509.

VALVE BOX
Valve box shall be a cast iron, three-piece adjustable type. Cover shall be labeled "WATER".



Fire Hydrant Bonnet Color (Based on Available Flow at 20 psi)

NFPA CLASS	FLOW CAPACITY	BONNET COLOR
Class AA	1500gpm or greater	Blue
Class A	1000-1499 gpm	Green
Class B	500-999 gpm	Yellow
Class C	Less than 499 gpm	Red

Fire Hydrant Barrel Color (Based on Ownership)

OWNER	BARREL COLOR
City of Bloomington Utilities	Aluminized
Private	Yellow
Indiana University	Red

REVISED 01/30/2024 J.R.
REVISED 10/26/2023 T.P.
REVISED 02/15/2011 G.N.
REVISED 02/23/2010 T.L.
REVISED 02/08/2008 T.A.

City of Bloomington Utilities Engineering Department

NO SCALE
9/1/94
M. Hicks

Drawing File: I:\COMMON\STANDARD DRAWINGS\STD8.DGN

STANDARD FIRE HYDRANT AND CONNECTION DETAIL

STANDARD
DETAIL
NUMBER

8