

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.

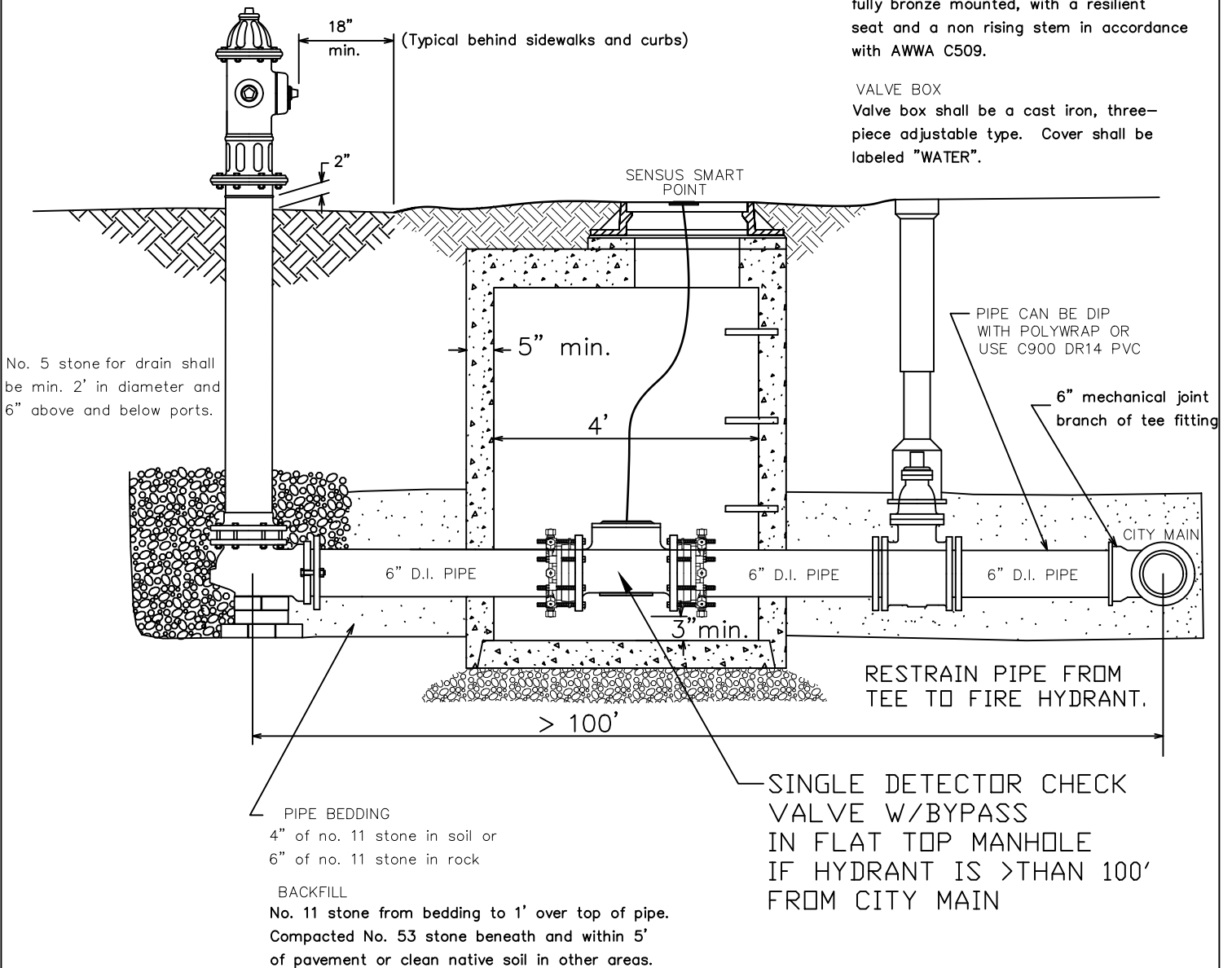
Install fire hydrant at a minimum of 2' from structures or obstructions and set the hydrant bury line 2" above finished grade. The pumper nozzle must face the street.

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.
2. The manhole lid must not be subject to vehicular traffic, or any other condition in which the sensus smart point will be crushed or otherwise destroyed.
3. The manhole lid to be replaced by CBU to accomodate the sensus smart point

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".



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City of Bloomington Utilities Engineering Department

NO SCALE
3/24/21
J. Ramey

Drawing File: \\COMMON\STANDARD DRAWINGS\STD8A.DGN

STANDARD PRIVATE FIRE HYDRANT
AND CONNECTION DETAIL

STANDARD
DETAIL
NUMBER

8A