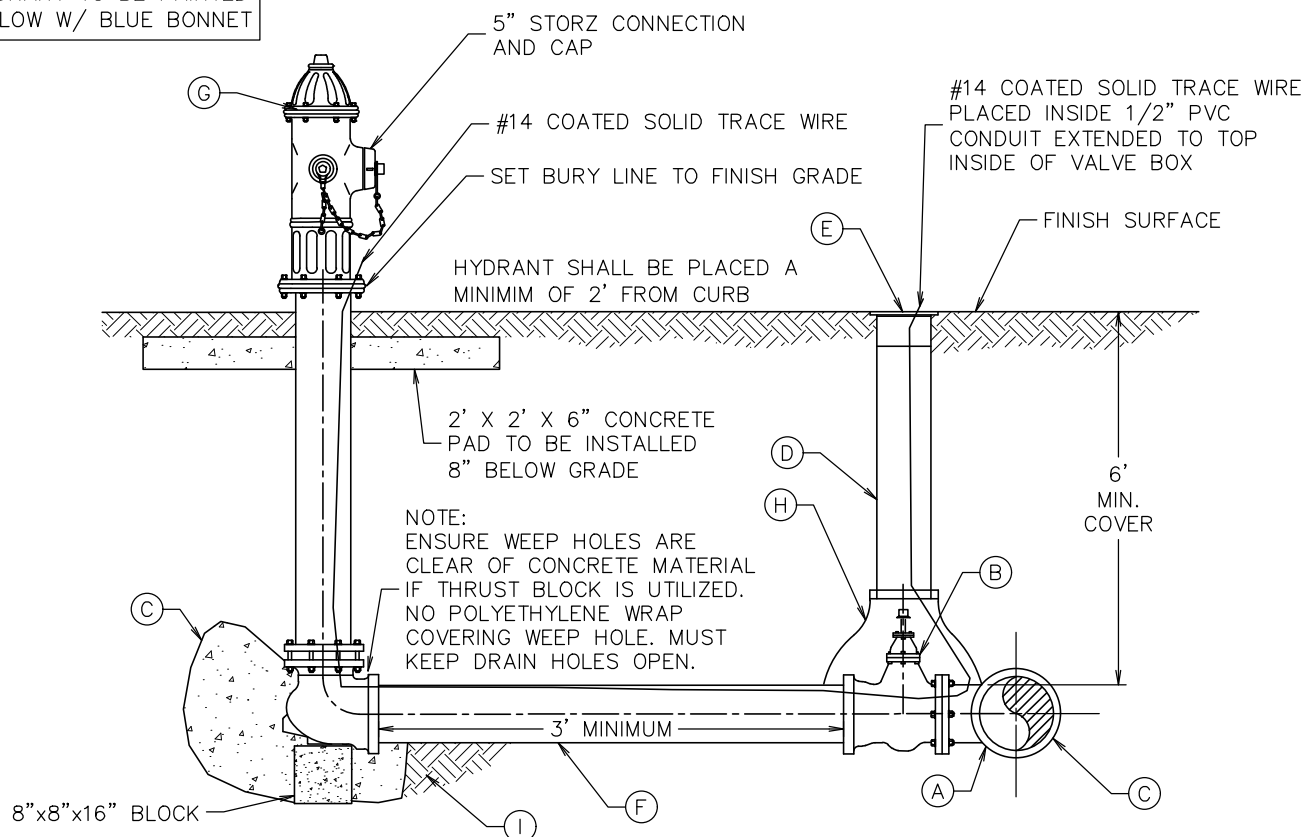


HYDRANT TO BE PAINTED  
YELLOW W/ BLUE BONNET



- |     |  |
|-----|--|
| (A) | APPROPRIATE SIZE X 6" SWIVEL OR MJ TEE AS REQUIRED.                                    |
| (B) | 6" MJ GATE VALVE--MUELLER OR APPROVED EQUAL  |
| (C) | CONCRETE THRUST BLOCK IN ADDITION TO MEGALUG OR TIE-BOLT RESTRAINTS.                   |
| (D) | 5" ADJUSTABLE C.I. VALVE BOX   |
| (E) | 5" VALVE BOX LID   |
| (F) | 6" DUCTILE IRON PIPE WITH #14 COATED SOLID TRACE WIRE                                  |
| (G) | 6" MUELLER CENTURION HYDRANT ASSEMBLY--MJ OR FLANGED (AS REQUIRED)                     |
| (H) | 5" C.I. VALVE BOX BELL   |
| (I) | PROVIDE IN ALL SOILS 1/2YD MIN. OF 3/4" CRUSHED ROCK. IN CLAY SOILS, PROVIDE 1 YD MIN. |

## GENERAL NOTES:

- CONSTRUCTION MATERIALS AND PROCEDURES SHALL COMPLY WITH MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS (MPWSS), 7TH EDITION, APRIL 2021, AS MODIFIED BY THE MISSOULA CITY PUBLIC WORKS STANDARDS AND SPECIFICATIONS MANUAL, APPENDIX 2-A (STANDARD MODIFICATIONS TO MPWSS), CURRENT EDITION.
- DUCTILE IRON PIPE, INCLUDING HYDRANT BARREL, SHALL BE WRAPPED WITH 8 MIL POLYETHYLENE.
- IF MAIN IS BELOW OR ABOVE STANDARD DEPTH, USE BENDS AS REQUIRED TO INSURE THAT THE HYDRANT IS PLACED ABOVE GRADE AS SHOWN. PLACE BENDS BETWEEN HYDRANT VALVE & MAIN TO RAISE VALVE TO NORMAL DEPTH WHEN MAIN IS BELOW DEPTH SHOWN.
- ALL JOINTS ON HYDRANT LEADS SHALL BE RESTRAINED.
- HYDRANT EXTENSIONS WILL ONLY BE ALLOWED WITH WRITTEN PERMISSION FROM MISSOULA WATER.



Engineering Division

## Hydrant Detail

*Logan McInnis*

Approved By  
Utilities Engineer  
Logan McInnis, PE

Adopted: 09/28/2020  
Revised: 01/01/2024

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