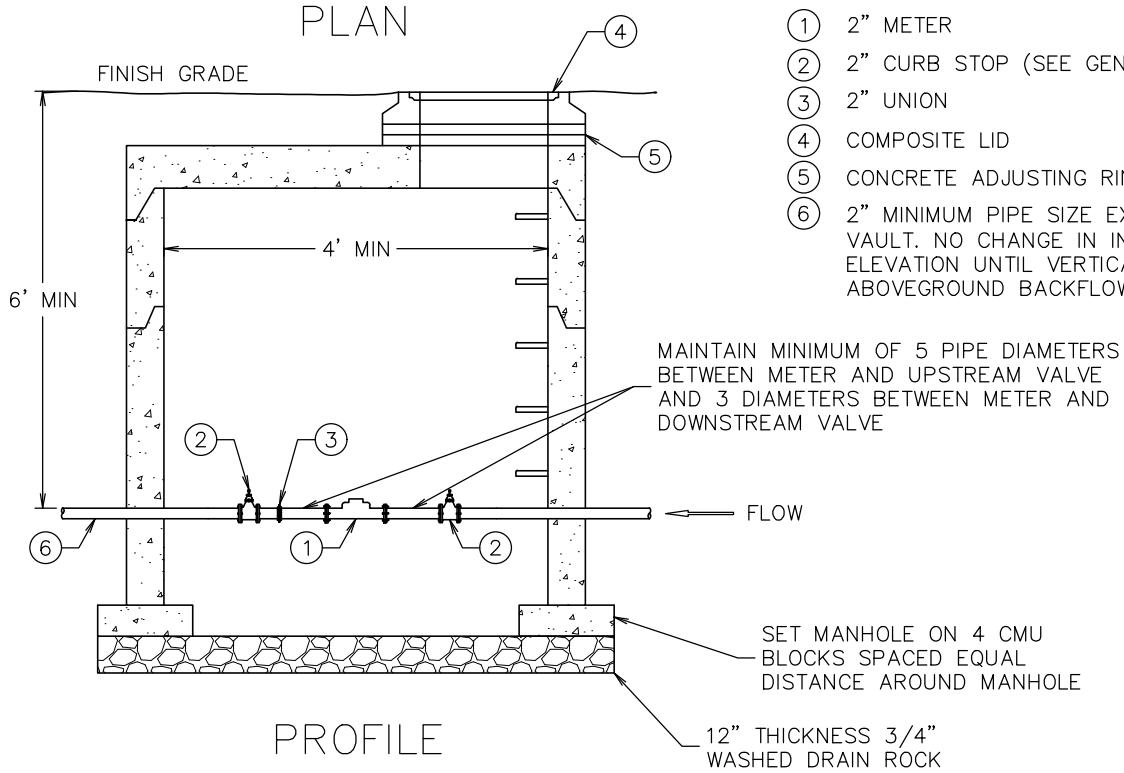


PLAN



LEGEND:  
(SIZES BASED ON 2" METER, ADJUST ALL  
TO MATCH FOR 1 1/2" METER)

- ① 2" METER
- ② 2" CURB STOP (SEE GENERAL NOTE 3)
- ③ 2" UNION
- ④ COMPOSITE LID
- ⑤ CONCRETE ADJUSTING RINGS
- ⑥ 2" MINIMUM PIPE SIZE EXITING METER  
VAULT. NO CHANGE IN INVERT  
ELEVATION UNTIL VERTICAL RUN TO  
ABOVEGROUND BACKFLOW

PROFILE

## GENERAL NOTES:

1. 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.
2. METER PIT SHALL BE INSTALLED 2-5' OUTSIDE THE RIGHT OF WAY.
3. CURB STOP VALVES SHALL BE MUELLER 300 SERIES VALVE, FORD B-66 SERCIES CURB VALVE OR AY MCDONALD 76104 SERIES BALL VALVE OR APPROVED EQUAL.
4. NO OBSTRUCTIONS SHALL BE PLACED WITHIN A MINIMUM 4 FT RADIUS AROUND THE METER PIT TO ALLOW ACCESS TO THE PIT.
5. NO PRV'S, CHECK VALVES OR BACKFLOW DEVICES ALLOWED IN METER PIT.
6. FOR PROJECTS WHERE THE INFRASTRUCTURE WILL BE MAINTAINED BY MISSOULA PARKS AND RECREATION, THE LID SHALL BE FLAT WITH 24" LID CENTERED ON THE STRUCTURE. METER AND VALVES SHALL BE DIRECTLY BELOW LID TO ENSURE VALVES ARE ACCESSIBLE AND CAN BE OPERATED FROM THE SURFACE WITH A KEY.
7. THIS DIAGRAM IS NOT PROJECT SPECIFIC AND IS NOT INTENDED TO BE A DESIGN DRAWING. THE OWNER IS RESPONSIBLE TO COMPLY WITH ALL APPLICABLE BUILDING CODES. THIS DETAIL MAY CHANGE AT ANY TIME AND IT IS THE OWNER'S RESPONSIBILITY TO OBTAIN THE MOST CURRENT VERSION OF THIS AND OTHER CITY REQUIREMENTS.
8. IF METER PIT PLACEMENT IS WITHIN DRIVABLE SURFACE, A TRAFFIC RATED COMPOSITE LID IS REQUIRED.



Engineering Division

## Large (1 1/2" and 2") Irrigation Meter Pit Detail

*Logan McInnis*

Approved By  
Utilities Engineer  
Logan McInnis, PE

Adopted: 09/28/2020  
Revised: 02/21/2024

STD - 412