



3D VIEW
NOT TO SCALE

#14 BLUE SOLID COATED TRACER WIRE ALONG OUTSIDE OF CURB BOX. LEAVE 12" OF SLACK AND WRAP AROUND TOP OF BOX

CURB BOX TO BE INSTALLED PLUMB AND CENTERED OVER CURB VALVE. CURB BOX SHALL BE MUELLER, FORD, OR AY MCDONALD, CAST IRON EXTENSION TYPE CURB BOX WITH MINNEAPOLIS PATTERN BASE AND 1 1/2" MINIMUM INSIDE DIA AND PENTAGON PLUG.

MUELLER 300 SERIES BALL VALVE OR FORD FB-400 SERIES CORPORATION VALVE WITH 1" CC THREAD INLET AND I.P. THREAD OUTLET.

TAPPING SADDLE ON WATER MAIN

TRACE WIRE SHALL BE SPLICED TO MAINLINE TRACER WIRE OR ATTACHED TO CORPORATION STOP WHERE NO MAINLINE TRACER WIRE EXISTS. WHERE ATTACHED TO CORP, WRAP TRACER WIRE AROUND CORP SEVERAL TIMES AND SECURE WITH ELECTRICAL TAPE.

1" CLASS 250 DR 7 PE SERVICE LINE

SECURELY CONNECT TRACE WIRE INSIDE BOX. LEAVE 12" OF SLACK INSIDE BOX

INSTALL CURB BOX FLUSH WITH FINISH GRADE

STREET RIGHT-OF-WAY LINE

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ECLIPSE #88-SS WATER SAMPLING STATION OR APPROVED EQUIVALENT. ALL PARTS SHALL BE STAINLESS STEEL

PETCOCK LOCATED BELOW SAMPLING BIB

SAMPLE STATION DOOR SHALL FACE AWAY FROM THE STREET

INSTALL FLUSH WITH FINISHED GRADE AND ENSURE POSITIVE DRAINAGE AWAY FROM STATION

2' DISTANCE VARIES SEE GENERAL NOTES

MUELLER 300 SERIES BALL VALVE, FORD B-66 SERIES CURB VALVE OR AY MCDONALD 76104 SERIES BALL VALVE OR APPROVED EQUAL

STAINLESS STEEL 3/4" x 1" STREET 90° BEND

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. SAMPLE STATION SHALL BE KUPFERLE ECLIPSE MODEL #88-SS OR APPROVED EQUIVALENT.
3. SAMPLE STATION SHALL BE A 6.5' BURY DEPTH.
4. SAMPLING STATION SHALL BE INSTALLED WHERE SHOWN ON THE DRAWINGS OR AS SPECIFIED BY CITY ENGINEERING
5. INSTALL A MAXIMUM OF 2' FROM SIDEWALKS AND MINIMUM OF 3' FROM BACK OF CURB. ENSURE MINIMUM OF 10' CLEARZONE.
6. DO NOT INSTALL UNDER DRIPLINE OF TREE
7. LOCK SHALL BE PROVIDED BY MISSOULA WATER.



Engineering Division

Typical Water Sample Station Detail

Logan McInnis

Approved By
Utilities Engineer
Logan McInnis, PE

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