

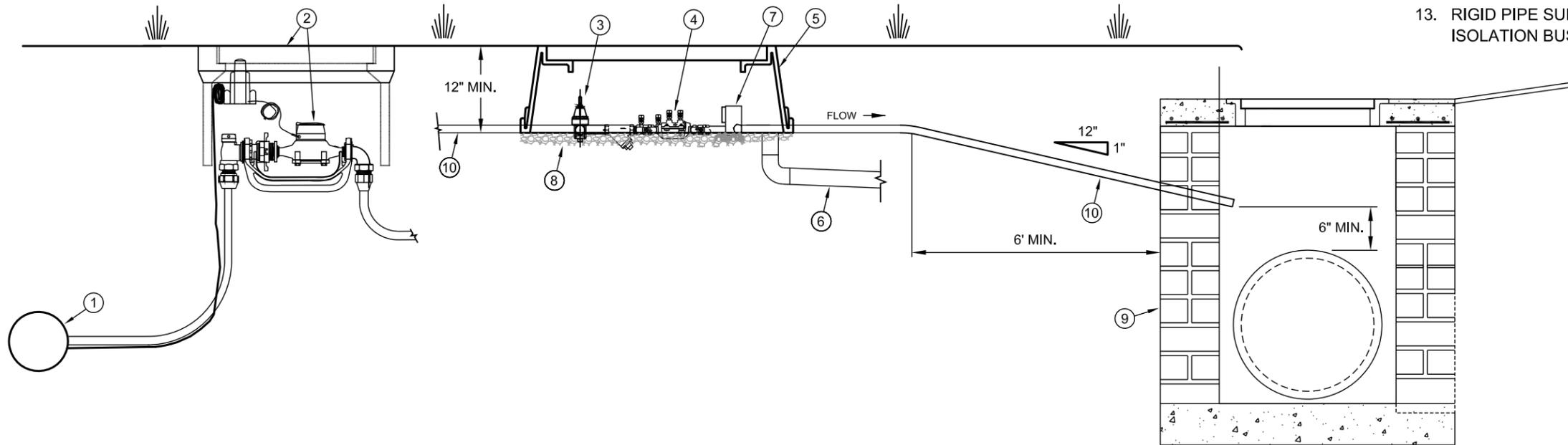
NOTES:

- A. DOUBLE CHECK VALVE BACKFLOW ASSEMBLY SHALL BE TESTED PRIOR TO METER INSTALLATION AND ANNUALLY, PER CMUD BACKFLOW PREVENTION POLICY, AT DEVELOPER'S EXPENSE UNTIL AUTO-FLUSHER IS NO LONGER NEEDED AND REMOVED BY CMUD.
- B. CAPACITY FEE REQUIRED. REFUNDABLE UPON REQUEST WHEN AUTO FLUSHER IS REMOVED WITHIN 24 MONTHS
- C. WATER USAGE WILL BE BILLED AT "BULK RATE" BILLING CODE (WITH NO SEWER CHARGE).
- D. CONNECTION TO A PUBLIC CATCH BASIN REQUIRES PRIOR APPROVAL FROM THE APPROPRIATE CONTROLLING AGENCY.
- E. CHLORINE SHALL BE MAINTAINED AT 0.30 PARTS PER MILLION (PPM) OR GREATER.

NO: DESCRIPTION

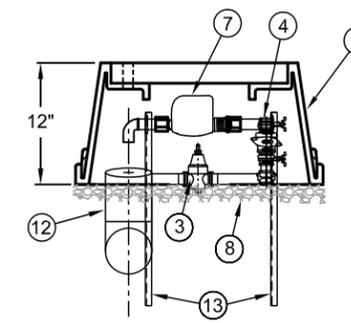
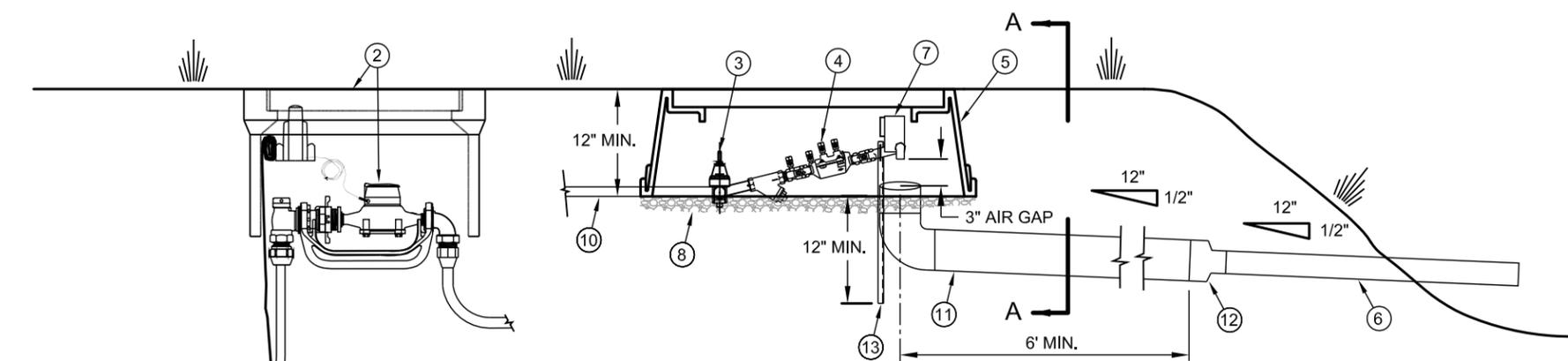
- 1. CMUD WATER MAIN.
- 2. STANDARD CMUD 3/4" WATER SERVICE CONNECTION W/CMUD FURNISHED WATER METER.
- 3. 3/4" PRESSURE REDUCING VALVE (REQUIRED WHEN CMUD STATIC PRESSURE \geq 70 PSI MAXIMUM.)
- 4. 3/4" DOUBLE CHECK VALVE BACKFLOW ASSEMBLY (WITH STRAINER) PER CMUD BACKFLOW STANDARD DETAIL #5 AND STANDARDS.
- 5. IN GROUND 18" x 30" ENCLOSURE PER CMUD STANDARD DETAIL #5 AND LOW PRESSURE SEWER STANDARD DETAIL #3.
- 6. 2" DRAIN TO ATMOSPHERE - PER CMUD STANDARD DETAIL #5.
- 7. 3/4" FLOW CONTROL TIMER (ORBIT #27729) FNPT x FNPT - FURNISHED AND MAINTAINED BY CMUD.
- 8. 4" WASHED STONE.
- 9. CATCH BASIN.
- 10. 3/4" PIPE (TYPICAL) UNLESS OTHERWISE SHOWN.
- 11. 4" DIA. DRAIN PIPE.
- 12. 4" x 2" REDUCER.
- 13. RIGID PIPE SUPPORT BRACKETS, AS REQUIRED. RUBBER ISOLATION BUSHING REQUIRED AT PIPE.

OPTION 1



OPTION 1 - PREFERRED METHOD

OPTION 2



VIEW A-A

OPTION 2 - USE ONLY WITH CMUD APPROVAL

NO SCALE

STANDARD NO.

RR

VERSION NO. V1.0

VERSION DATE 1.18.2011

WATER QUALITY AUTO FLUSHER - RESIDENTIAL METER BOX TYPE - SCHEMATIC

CHARLOTTE-MECKLENBURG UTILITIES

STANDARD DETAILS

WATER

