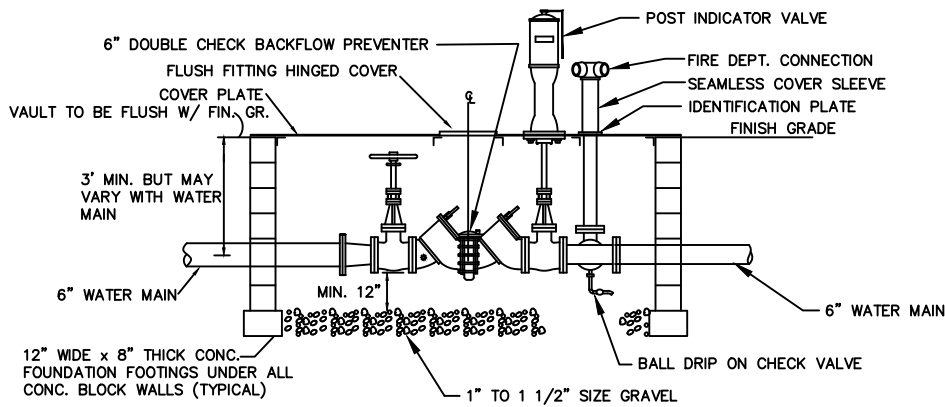


PLAN VIEW



ELEVATION VIEW OF FIRE WATER SERVICE

DETAIL – FIRE WATER SERVICE BACKFLOW PREVENTERS,
FIRE DEPARTMENT CONNECTION AND VAULT

NOT TO SCALE

NOTES:

1. VAULT SHALL BE CONSTRUCTED WITH 8" CONCRETE BLOCKS WITH BLOCKS CELLS FILLED WITH PEA GRAVEL WITH 3000 LB. TEST CONCRETE FOUNDATION FOOTINGS 12" WIDE x 8" THICK UNDER ALL CONCRETE BLOCK WALLS.
2. VAULT COVER PLATE SHALL BE 1/4" PLATE STEEL, REINFORCED ON BOTTOM SIDE WITH 1-1/4" x 1-1/4" x 3/16" ANGLE ON EACH SIDE AND ENDS WITH 1 PIECE THROUGH CENTER. TACK WELD ON 4" CENTER. ANGLE SHALL FIT INSIDE CONCRETE BLOCKS, INSTALL FOUR (4) DROPHANDLES, TWO ON EACH END 12" WIDE x 4" DROP WITH 1/2" ROUND IRON. INTALL FLUSH FITTING, HINGED DOOR OVER METER WITH HASP, 24" WIDE x 18" LONG WITH TWO (2) 6" HINGES AND ONE (1) 4" HASP.
3. PRIME PAINT TOP AND BOTTOM SIDE AND FINISH PAINT WITH RED ENAMEL.
4. VAULT TOP SHALL BE FLUSH WITH FINISH GRADE, AND DEPTH OF VAULT MAY VARY WITH DEPTH OF WATER MAIN, BUT SHALL NOT BE LESS THAN MINIMUM SHOWN, THERE SHALL BE A MINIMUM CLEARANCE OF 1'-0" FROM BOTTOM OF WATER TO GRAVEL FILL.
5. THIS CONTRACTOR SHALL FURNISH AND INSTALL ON THE 6" FIRE WATER SERVICE TO DOUBLE CHECK BACKFLOW PREVENTER EQUAL TO WATTS NO. 770 WITH (N.R.S.) GATE VALVE SHUT-OFFS.
6. THIS CONTRACTOR SHALL ARRANGE AND COORDINATE WITH THE LOCAL WATER BOARD FOR THE INSTALLATION OF THE 6" WATER SERVICE MAIN AND PAY ALL COST.



CITY OF CORDELE, GEORGIA - STANDARD DETAIL

**DOUBLE CHECK
BACKFLOW PREVENTER**

DETAIL NO:

W-004

DATE: