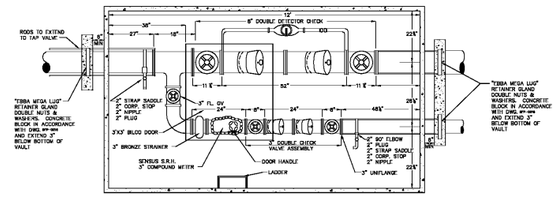
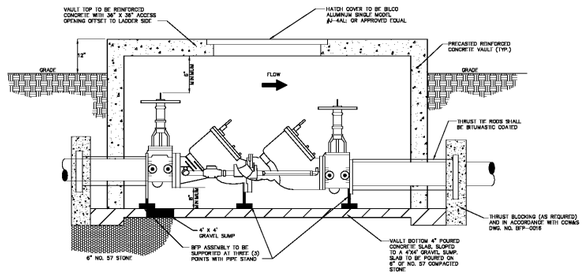


PLAN VIEW

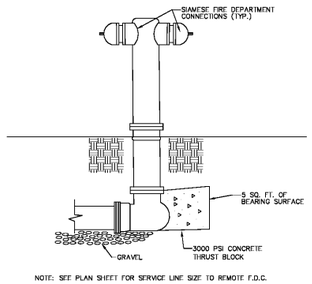


ELEVATION

1. ALL FITTINGS SHALL BE FLANGED.
2. VAULT SHALL BE PRECAST REINFORCED CONCRETE AND ALL THICKNESSES WILL BE A MINIMUM OF 8" (TOP & SIDES), INSIDE HEIGHT OF VAULT SHALL BE A MINIMUM OF 6'-0".
3. IF VAULT IS NOT PRECAST FOR NON-LOAD BEARING APPLICATION, WHEN VAULT WILL BE SUBJECTED TO A LIVE LOAD, CUSTOMER'S ENGINEER SHALL SUBMIT A DETAILED VAULT DESIGN FOR APPROVAL, IN ADVANCE OF CONSTRUCTION.
4. VAULT TOP SHALL BE REINFORCED CONCRETE WITH A MINIMUM 26"X36" ACCESS OPENING OFFSET TO ONE SIDE.
5. VAULT BOTTOM IS A 4" POURED CONCRETE SLAB, SLOPED TO A 4" (D)" CENTER GRAVEL SUMP. THE SLAB IS TO BE POURED ON 6" OF NO.57 COMPACTED STONE.
6. VAULT INLET/OUTLET PIPE OPENINGS SHALL BE SEALED WITH NON-SHRINK GROUT OR MORTAR. PIPE MUST NOT SUPPORT VAULT. BACKFLOW PREVENTION (BFP) ASSEMBLY MUST BE SUPPORTED IN AT LEAST THREE (3) PLACES (SUPPORT DETAILS BELOW).
7. ALL VALVES AND APPURTENANCES INSIDE THE BFP ASSEMBLY SHALL BE MAINTAINED.
8. ALL PIPE AND FITTINGS ARE TO BE OF DUCTILE IRON.
9. HATCH COVER: BILCO ALUMINUM SINGLE MODEL AV-4ALL OR EQUAL AND APPROVED IN ADVANCE BY CONNS.
10. ACCESS LADDER IS TO BE BOWOLTED TO VAULT WALL AND CENTERED AT THE ACCESS OPENING.
11. THRUST TIE RODS SHALL BE BITUMASTIC COATED AND SHALL EXTEND FROM FIRST FLANGE INSIDE VAULT TO TAPPING VALVE (WELDED TO CASING ON LONG SIDE BORE).
12. VAULT SHALL BE INSTALLED ON PRIVATE PROPERTY WITH RIGHT OF ENTRY.
13. ALL MATERIALS TO BE FURNISHED BY CONTRACTOR.

DOUBLE DETECTOR CHECK DETAIL

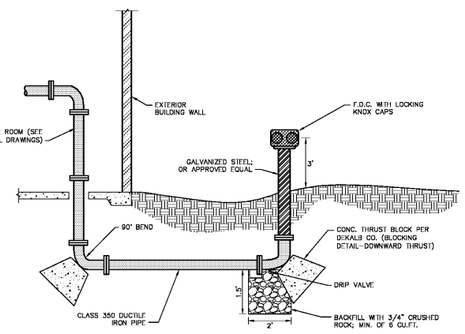
(NOT TO SCALE)



NOTE: SEE PLAN SHEET FOR SERVICE LINE SIZE TO REMOTE F.D.C.

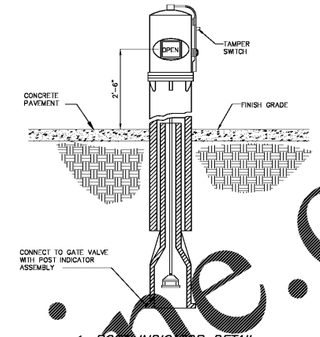
REMOTE FIRE DEPARTMENT CONNECTION DETAIL

(NOT TO SCALE)



REMOTE FIRE DEPARTMENT CONNECTION DETAIL

(NOT TO SCALE)



POST INDICATOR DETAIL

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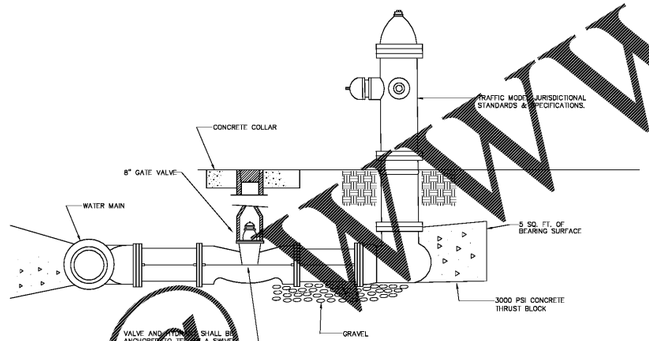
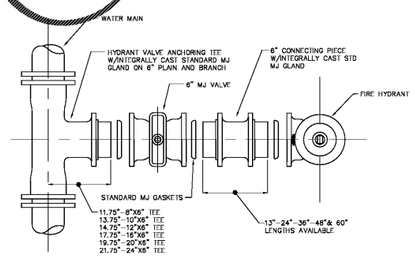


FIRE HYDRANT DETAIL

(NOT TO SCALE)



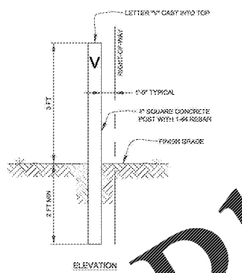
FIRE HYDRANT INSTALLATION DETAIL

(NOT TO SCALE)

REVISIONS

REV	DESCRIPTION	DATE	APPROVED

NOTES:
1. PLACE MARKER IN A PROTECTED LOCATION AT EDGE OF RIGHT-OF-WAY
2. MARKER NOT REQUIRED FOR VALVES AT FIRE HYDRANTS.



ELEVATION

PAULDING COUNTY, GEORGIA
WATER AND SEWER SYSTEM
TELEPHONE (770) 443-8056
FAX (678) 224-4302

TYPICAL WATER DETAIL
VALVE MARKER

SCALE: NTS | NOVEMBER 10,1999 | DWG. NO. W-07 | REV

Order Plans @ WWW.LDLine.com

BRYAN & Associates
ARCHITECTS
5955 Shiloh Road East, Suite 200
Alpharetta, Georgia 30005 | (678) 585-4508

REGISTERED PROFESSIONAL ENGINEER No. 25080 GEORGIA ROBERT A. McCANN

8/8/18

HANES GIPSON & ASSOCIATES
CONSULTING ENGINEERS
LAND DEVELOPMENT SERVICES
360 NORTH SUGAR HILL STREET 100
BUFORD, GEORGIA 30518
PHONE (770) 932-7500
FAX (770) 932-7990

NO.	DESCRIPTION	DATE

PAULDING COLLEGE & CAREER ACADEMY
4555 DALLAS ACWORTH HIGHWAY
DALLAS, GEORGIA 30132
(FACILITY CODE NO. 710-3952)

PAULDING COUNTY SCHOOLS

CONSTRUC-
TION
DETAILS

Date AUG 8, 2018

Project Number 17129

C5.2

HGA JOB No. 2018-186

CONSTRUCTION DETAILS