



- ① DOUBLE CHECK DETECTOR BACKFLOW PREVENTOR ASSEMBLY UL/FM APPROVED FOR FIRE SERVICE INSTALLATION WITH LOW FLOW BYPASS INDICATOR METER. (LEAD FREE)
- ② FLANGED GATE VALVE WITH RISING STEM AND RESILIENT SEAT (TYPICAL)
- ③ CONCRETE FOUNDATION 3000 P.S.I. (TYPICAL) TO BE EXTENDED 12" O ALL SIDES FROM ABOVE GROUND PIPE, 4" THICK: REINFORCED 6 X 6 10/10 WELDED WIRE MESH MINIMUM
- ④ D.I.P. TO POINT OF CONNECTION
- ⑤ EPOXY COATED D.I.P. VALVE SETTER ASSEMBLY

- ⑥ HOT DIPPED GALVANIZED OR S.S. ADJUSTABLE PIPE STANDS (SEE LCU STANDARD DETAIL G-11)
- ⑦ 24" LONG FLANGE X PLAIN END SPOOL PIECE W/UNIFLANGE ON PLAIN LINE UP
- ⑧ 45° OR 90° ELBOW M.J. W/RETAINER GLANDS ABOVE GROUND FITTINGS TO BE FLANGED
- ⑨ 18" MIN. TO 24" MAX. FROM FINISH GRADE TO LOWEST POINT ALL FITTINGS
- ⑩ GATE VALVE @ PROPERTY LINE. END OF LCU OWNERSHIP AND MAINTENANCE

**NOTES:**

- A. ALL PAINTING TO BE IN ACCORDNCE WITH LCU STANDARDS. (SEE GENERAL CONDITIONS SECTION)
- B. A REDUCED PRESSURE DETECTOR BACKFLOW ASSEMBLY SHALL BE USED WHEN HIGH HAZARDS, AS DEFINED BY AWWA M-14 (e.g. RISK OF CHEMICAL ADDITION, MEDICAL FACILITIES, INDUSTRIAL FACILITIES, PROPERTIES USING RECLAIMED WATER, ETC.) EXIST.
- C. ALL ABOVE GROUND PIPE WILL HAVE FLANGED END DUCTILE IRON PIPE, PRESSURE CLASS 350. ALL NUTS AND BOLTS SHALL BE STAINLESS STEEL.
- D. ALL PLANTING SHALL BE A MINIMUM OF 1.5' FROM THE EDGE OF SLAB, AND SHALL PROVIDE A 3' ACCESS OPENING.

**NOT TO SCALE**

	LEE COUNTY UTILITIES ENGINEERING <small>1500 MONROE STREET          FORT MYERS, FLORIDA 33901</small>
	TITLE: CROSS CONN. & COMPACT CROSS CONN. CONTROL ASSY. FOR FIRE ASSY.
REVISION: 3/5/24	DETAIL NO: W-11.dwg