



-ART-

NOTES

1. VALVE BOXES SHALL BE CONSTRUCTED PER MANUFACTURERS' SPECIFICATION.
2. THE USE OF A PVC RISER IS NOT ACCEPTABLE.
3. ALL VALVE BOXES SHALL BE SHAFT/SCREW TYPE OR SHAFT/SLIP TYPE AND CANNOT REST ON THE VALVE.
4. ALL VALVE BOLTS SHALL BE STAINLESS STEEL WITH BRASS NUTS.
5. PERMANENT LAND MARKERS ARE TO BE INSTALLED ADJACENT TO ALL VALVES IN UNPAVED AREAS AS DIRECTED BY IRCDUS. (SEE PERMANENT LAND MARKER DETAIL M-9)
6. ALL VALVES REQUIRE STATE PLANE COORDINATES.
7. TRACE WIRE IS REQUIRED. (SEE TRACE WIRE DETAIL M-13)
8. REFLECTIVE MARKERS ARE TO BE LOCATED IN ROADWAY FOR ALL VALVES. (DETAIL W-1)
9. REFLECTIVE MARKERS FOR:
 - FIRE HYDRANT - BLUE
 - WATER MAIN VALVE - WHITE
 - FORCE MAIN VALVE - GREEN
 - REUSE MAIN VALVE - PURPLE
 - BRINE - BROWN
10. REFLECTIVE MARKERS SHALL NOT BE PLACED IN BIKE LANES.
11. VALVE BOX LID LOCATED IN PAVEMENT SHALL BE A MINIMUM 24 LBS. WITH A MINIMUM 6" LONG THROAT.
12. VALVE BOX SHALL COMPLY WITH FDOT STANDARDS AS APPLICABLE.
13. VALVE EXTENSIONS OVER 36" REQUIRE IRCDUS ENGINEERING APPROVAL.
14. VALVE SPACING ON WATER MAINS SHALL NOT EXCEED 1,000' MAXIMUM.

INDIAN RIVER COUNTY
DEPARTMENT OF
UTILITY SERVICES



VALVE AND BOX

DRAWING
NO.

M-5

MARCH 2018