



-ART-

## NOTES

1. HYDRANT GUARDS TO BE 4" DIAMETER GALVANIZED STEEL OR DUCTILE IRON PIPE FILLED WITH CONCRETE WHEN REQUIRED BY IRCUDS. GUARDS TO BE PAINTED RED SAME AS HYDRANT AND VALVE COVER.
2. THE HYDRANT SHOULD BE SET SUCH THAT THE "BURY LINE" ON THE HYDRANT BARREL IS SET AT FINISHED GRADE OR THAT THE OPERATING NUT OF THE PUMPER NOZZLE HYDRANT IS A MINIMUM OF 18" ABOVE FINISHED GRADE.
3. ALL HYDRANTS SHALL BE TRAFFIC BREAKAWAY TYPE.
4. COMPLETE ANCHORED FIRE HYDRANT ASSEMBLY MAY BE UTILIZED IN LIEU OF ABOVE.
5. FIRE HYDRANT SHOULD BE LOCATED A MAXIMUM OF 12' FROM EDGE OF PAVEMENT WHERE POSSIBLE.
6. ALL MATERIALS ARE TO BE PER IRCUDS APPROVED MANUFACTURERS' PRODUCT LIST.
7. TRACE WIRE TO BE INSTALLED AS PER DETAIL M-13. (TRACE WIRE NOT SHOWN IN DRAWING ABOVE.)
8. MAINTAIN 7'-6" RADIUS OF HYDRANT PERPENDICULAR TO ROADWAY OR CURB FACE (EXAMPLE MUST BE CLEAR OF SIGNS, TREES, SHRUBS, TRANSFORMERS, UTILITY POLES, ETC.)
9. HYDRANTS AND PROTECTION DEVICES SHALL HAVE CLEARANCES OF 7'-6" IN FRONT AND TO THE SIDES OF THE FIRE HYDRANT, WITH A 4' CLEARANCE TO THE REAR OF THE HYDRANT UNLESS THE AHJ (AUTHORITY HAVING JURISDICTION) REQUIRES A LARGER CLEAR ZONE.
10. REFERENCE DRAWINGS M-5, VALVE AND BOX & M-6, VALVE BOX PAD.
11. CONCRETE COLLAR IS REQUIRED. COLLAR SHALL BE 6" THICK x 2'x2' SQUARE AND LOCATED A MINIMUM 2" BELOW BREAKAWAY FLANGES.

INDIAN RIVER COUNTY  
DEPARTMENT OF  
UTILITY SERVICES



FIRE HYDRANT DETAILS

DRAWING  
NO.

W-2

MARCH 2018