

TRAFFIC BEARING UTILITY BOX AND TOP WITH LIFTING DEVICE IN TOP. IDENTIFY UTILITY. H-20 LOAD BEARING

GRADE (ROADWAY)

GRADE (SWALE)

2" (MIN)

AIR RELEASE VALVE AS APPROVED BY IRCDS

1/2" PVC AND FITTINGS

4' - 0" (MIN)

STAINLESS STEEL NIPPLE OR FLANGED FITTING

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STAINLESS STEEL WET TAPPING SLEEVE OR FLANGED TEE

BALL VALVE (SS)

PROVIDE OFFSET CUT OUT FOR OD OF MAIN

4" (MIN)

1/2 CUBIC YARD 3/4" GRAVEL OR DRAIN ROCK

ELEVATION

WATER MAIN/WASTEWATER MAIN

NOTES

1. AUTOMATIC AIR RELEASE VALVE TO BE LOCATED ONLY WHERE CONDITIONS MAKE IT INACCESSABLE OR AS REQUIRED BY THE IRCDS.
2. AIR RELEASE RISERS TO BE IN A VERTICAL POSITION AND PLACED AT SUMMITS IN THE SYSTEM. FOR DIRECTIONAL DRILLS, AIR RELEASE VALVES TO BE PLACED ON EITHER SIDE OF THE CROSSING.
3. SEE TRACER WIRE DETAIL. (M-14)
4. IF FORCE MAIN IS 6" OR LARGER A 4" TAP AND AIR RELEASE VALVE SHALL BE USED. FORCE MAIN 4" OR SMALLER CONSULT IRCDS ENGINEERING.
5. IF FORCE MAIN IS UNDER PAVEMENT AND AIR RELEASE VALVE IS REQUIRED, A DOG HOUSE TYPE, CONCRETE MANHOLE WITH HINGED LID SHALL BE USED.

INDIAN RIVER COUNTY
DEPARTMENT OF
UTILITIES SERVICES



AIR RELEASE VALVE DETAIL
(AUTOMATIC - WATER/WASTEWATER)

DRAWING
NO.

M-7

JULY 2009