

USE 1/4" ROLLED BUTYL MASTIC ROPE BETWEEN STRUCTURE AND RINGS, ONE ALONG INSIDE AND OUTSIDE EDGE. CASTING AND RINGS MUST BE ALIGNED VERTICALLY AND HAVE NO CRACKS

(2) TRACER WIRES (GREEN) TO BE COPPERHEAD SOLOSHOT 1245 OR APPROVED EQUAL. ATTACH TO THE INTERIOR OF STRUCTURE WITH STAINLESS STEEL BRACKETS. LEAVE A 4' COIL ATTACHED TO INSIDE OF COVER

COPOLYMER POLYPROPYLENE PLASTIC RUNGS WITH 1/2" GRADE 60 REINFORCING STEEL. ALIGN RUNGS IN EACH STRUCTURE SECTION AND OPENING

BACKFILL WITH B-BORROW OR APPROVED CLEAN SPOILS. COMPACT PER CURRENT CITY STANDARDS. IF UNABLE TO COMPACT BY MECHANICAL MEANS, PLACE No. 8 PEA GRAVEL BETWEEN EXCAVATION WALL AND STRUCTURE

COMBINATION VALVE SHALL BE A.R.I. FLOW CONTROL D-025 FOR SEWAGE, OR APPROVED EQUAL

2" SHUT OFF VALVE

BOOTS REQUIRED FOR ALL PIPE CONNECTIONS

No. 8 AGGREGATE, MAYBE ELIMINATED BY ENGINEER IF CONDITIONS DO NOT WARRANT THE 6" OF BASE MATERIAL

INSTALL 1/4" X 1 1/2" STAINLESS STEEL STRAP SECURED TO STRUCTURE WALL W/ FOUR 1/2" X 2" EXP. ANCHORS TO SUPPORT COMBINATION VALVE. 1/4" U-BOLT & LOCK WASHERS, LENGTH AND WIDTH AS REQUIRED

NEENAH R-1772 W/ TYPE 'B' OR APPROVED EQUAL. INSTALL TOP OF CASTING 1/4" BELOW FINISHED PAVEMENT. FLUSH WITH FINISHED GRADE IN YARD/LANDSCAPED AREAS

USE 1/4" ROLLED MASTIC ROPE BETWEEN CASTING AND RING, ONE ALONG INSIDE AND OUTSIDE EDGES WHEN POSSIBLE. FOR FINE ADJUSTMENT, A NON-SHRINK RAPID SETTING MORTAR, SPEED CRETE REDLINE OR SIMILAR APPROVED MATERIAL CAN BE USED, MAXIMUM OF 2" THICKNESS. NO SHIMS, BRICK OR CONCRETE UNDER CASTING

MAXIMUM 12" OF ADJUSTMENT, 2 OR FEWER RINGS. 2" AND THICKER PRE-CAST RINGS ONLY

12" FLAT LID

EPOXY COATED GREEN W/ REFLECTIVE TAPE, 2" GALVANIZED PIPE. INSTALL 1/4" MESH SCREEN SECURED W/ CLAMP. SEAL AT STRUCTURE TO MAKE WATER TIGHT

GATE VALVE (3" MINIMUM) WITH STANDARD FLUSHING CONNECTION

GATE VALVE (3" MINIMUM)

SECTIONS MAY BE SEALED WITH THE MANUFACTURER'S SUPPLIED GASKET OR MASTIC PLACED ON THE UPPER AND LOWER EDGES OF STRUCTURE

NOTES:

1. ALL STRUCTURES MUST BE INSPECTED BY A CITY REPRESENTATIVE PRIOR TO INSTALLATION. STRUCTURES WILL BE REJECTED IF REINFORCING STEEL IS EXPOSED, EXCESSIVE VOIDS ARE OBSERVED IN THE CONCRETE, DAMAGE TO CONCRETE EDGES BETWEEN SECTIONS AND ANY OTHER ITEM THAT MAY COMPROMISE THE STRUCTURE

FORCE MAIN AIR RELEASE/FLUSHING MANHOLE TYPE III

NOT TO SCALE