



1/2" DIA. S/S EPOXY ANCHORS WITH WASHERS AND NUTS; BOLT MANHOLE COVER AND PRECAST GRADE RINGS TO MANHOLE; MIN. 4 REQUIRED.

CONC. GRADE RING
FINISHED GRADE
REINFORCED PRECAST ECCENTRIC FLAT COVER SLAB WITH 36" DIA. SLAB M.O.
SUPER "O" RING JOINT

ANCHOR FRAME AND GRADE RINGS TO PRECAST TOP SECTION WITH 1/2" DIA. EPOXIED S/S BOLTS WITH WASHER AND NUTS (MIN. 4 REQUIRED)

COAT INSIDE AND OUTSIDE SURFACES WITH 2 COATS BITUMASTIC

AIR RELEASE VALVE SHALL BE INSTALLED A MINIMUM OF 3 FEET ABOVE THE WATER MAIN WITH APPROPRIATE LENGTH OF PIPE AND PROVIDE ADEQUATE SUPPORT. PROVIDE VALVES AND FEMALE GARDEN HOSE CONNECTIONS AT ALL CLEANOUT LOCATIONS.

REINFORCED PRECAST CONCRETE RISER SECTIONS A.S.T.M. C478
REINFORCE PRECAST CONCRETE ASTM C478

AIR RELEASE VALVE TO BE SIZED BY DESIGN ENGINEER

ISOLATION VALVE
CORPORATION STOP WITH HDPE FUSED SADDLE WITH BRASS NIPPLE

WATERSTOP GROUTING RING (TYP.)

HDPE: FUSED CONNECTIONS WITH 3 YARDS OF CONCRETE POURED
PVC: BOOT CONNECTION

NEW ADJUSTABLE PIPE SUPPORT

LEVEL WITH NYSDOT #1 WASHED STONE

NOTES:

- 1) SEE PROFILE SHEETS FOR DEPTHS.
- 2) SEE PLAN SHEETS FOR ACTUAL WATER MAIN SIZES AND AIR RELEASE SIZE.
- 3) REFER TO MATERIAL LIST, W-03.

PLAN VIEW

6' DIAMETER AIR RELEASE MANHOLE

N.T.S.

REVISIONS	DATE	COMMENTS

ISSUE DATE: JUNE 2015

TOWN OF BATAVIA

WATER DETAILS

TYPICAL AIR RELEASE DETAILS

DRAWING W-19