



- ① INSTALL 17"x30" ARMORCAST BOX IN THE PARKWAY OR SIDEWALK. INSTALL A ROUND CAST IRON MANHOLE MARKED "ALW WATER" IF LOCATED IN THE STREET (TRAFFIC RATED DESIGNED USING H-20 LOADING AND CONTINUOUS TRAFFIC).
- ② INSTALL 6" OF CRUSHED AGGREGATE BASE $\frac{3}{4}$ ".
- ③ INSTALL 4" BLIND FLANGE WITH TAPPED 2" I.P. TAP AND THREADED PLUG. INSTALL FLG X MJ ADAPTER.
- ④ 4" DUCTILE IRON CLASS 350 PIPE WITH POLY-WRAP.
- ⑤ 4" FLANGED LONG RADIUS 90° DUCTILE IRON ELBOW.
- ⑥ 4" RESILIENT WEDGE GATE VALVE.
- ⑦ FOR DI PIPES LARGER THAN 12", DUCTILE IRON MECHANICAL JOINT TEE WITH 4" FLANGED OUTLET.
- ⑧ INSTALL A CONCRETE THRUST BLOCK PER ALW DWG. NO. W-7.
- ⑨ INSTALL VALVE BOX & COVER PER ALW DWG. NO. W-10.

NOTE: 4" BLOW-OFF ASSEMBLY IS REQUIRED ONLY FOR PIPES LARGER THAN 12". (OAE) - OR APPROVED EQUAL. ALL PIPE SHALL BE DUCTILE IRON UNLESS NOTED. RESTRAIN ALL JOINTS. POLY-WRAP ALL DUCTILE IRON PIPE AND FITTINGS.



WATER STANDARD

DRAWN: M. BARBOSA

DATE: 10-10-2012

SCALE: AS SHOWN

4" BLOW-OFF ASSEMBLY

APPROVED: *Chet Arlow* 4 0 3 3 0 10/11/12
ASSISTANT DIRECTOR - WATER OPERATIONS RCE NO. DATE

DWG. NO.

W - 17

**SHEET
1 of 1**