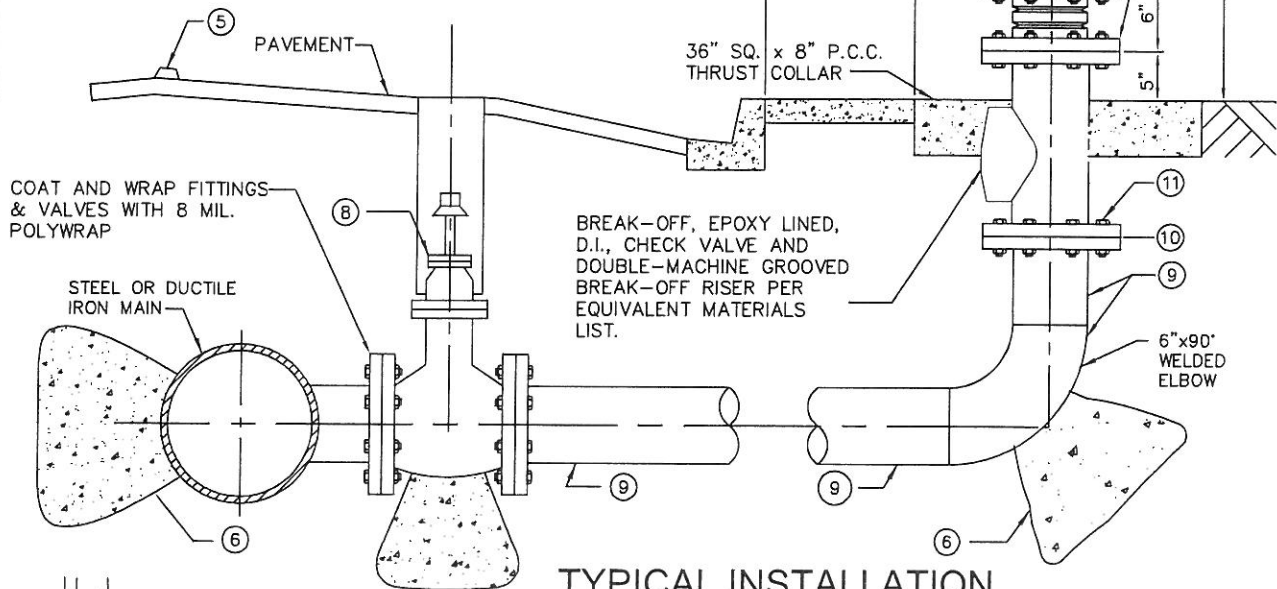


3 OUTLETS 2 OUTLETS FLANGE DETAILS



TYPICAL INSTALLATION

NOT TO SCALE

NOTES

- ① FIRE HYDRANT SHALL BE INSTALLED NOT CLOSER THAN FIVE FEET FROM A DRIVEWAY, STREET LIGHT, POWER POLE, SIGN, FENCE, WALLS, ETC.
- ② 18" BEHIND CURB WHEN THE SIDEWALK IS ADJACENT TO THE RIGHT-OF-WAY.
- ③ 18" BACK OF SIDEWALK WHEN SIDEWALK IS ADJACENT TO CURB.
- ④ COATING SHALL BE FACTORY APPLIED YELLOW COLOR AS APPROVED EQUAL LIST DESIGNATES.
- ⑤ INSTALL BLUE REFLECTIVE PAVEMENT MARKER PER STANDARD DRAWING NO. 4302.
- ⑥ THRUST BLOCKS PER STANDARD DRAWING NO. 4004.
- ⑦ 4 INCH WIDE REFLECTIVE TAPE.
- ⑧ GATE VALVE PER STANDARD DRAWING NO. 4005.
- ⑨ 6" CML&C SCHEDULE 40 STEEL PIPE.
- ⑩ STANDARD (8) 3/4-INCH EIGHT BOLT PATTERN CLASS 'D' WELDED STEEL FLANGE.
- ⑪ 3/4" DIAMETER CARBON STEEL BOLTS AND NUTS, A.S.T.M. 307, GRADE A OR B, ZINC PLATED.
- ⑫ FIRE HYDRANT SHOULD BE USED AT DEAD-END TO FLUSH MAINS. FIRE HYDRANT LOCATION SHALL BE SPECIFIED BY THE CITY ENGINEER.
- ⑬ ALL NEW FIRE HYDRANTS SHALL BE BAGGED (GUNY SACK) UNTIL CONNECTING SYSTEM IS FULLY ACTIVATED



APPROVED BY:		11-22-10	
LOUIS ABI-YOUNES, CITY ENGINEER		44485	RCE DATE
RECOMMENDED:		10/25/10	
SCOTT BURTON, UTILITIES ENG/ OPERATIONS DIRECTOR		57875	RCE DATE
REV	DESCRIPTION	BY	APP'D DATE

CITY OF ONTARIO

FIRE HYDRANT
W/ BREAK-OFF
CHECK VALVE

STANDARD
DRAWING
NUMBER

4101