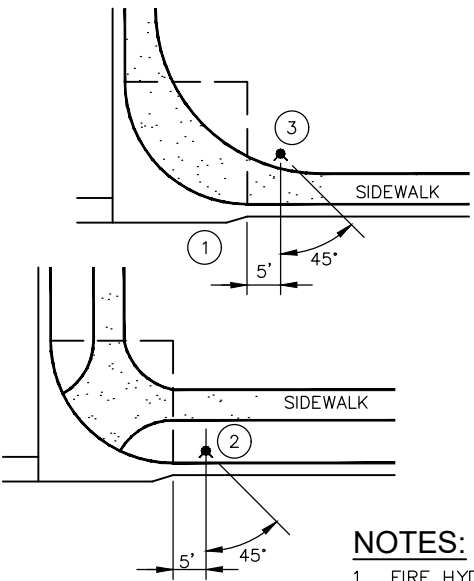


**CONSTRUCTION NOTES:**

- (1) FIRE HYDRANT SHALL BE INSTALLED NOT CLOSER THAN FIVE FEET FROM A DRIVEWAY, STREET LIGHT, POWER POLE, SIGN, FENCE, WALLS, BCR, ECR, ETC.
- (2) 18" BEHIND BACK OF CURB WHEN THE SIDEWALK IS ADJACENT TO THE RIGHT-OF-WAY.
- (3) 18" BEHIND SIDEWALK WHEN SIDEWALK IS ADJACENT TO CURB.
- (4) BRASS FIRE HYDRANT HEAD WITH PLASTIC OUTLET CAPS. FOR POTABLE WATER, BRASS COATING SHALL BE FACTORY APPLIED SAFETY YELLOW AND FOR RECYCLED WATER PANTONE 522 COLOR PER APPROVED MATERIALS LIST.
- (5) INSTALL BLUE REFLECTIVE PAVEMENT MARKER PER STD. 4302 FOR POTABLE WATER HYDRANTS.
- (6) MJ X FL DUCTILE IRON TEE FOR C900 OR DIP MAINS. FLANGED CMLC TEE FOR CMLC OR STEEL MAIN.
- (7) 4 INCH WIDE REFLECTIVE TAPE.
- (8) 6" GATE VALVE PER STD 4005.
- (9) A.S.A. 150 LB SLIP ON FLANGE (SHIP LOOSE FOR FIELD WELDING).
- (10) 6" FULLY WELDED SCH. 40 CMLC STEEL PIPE.
- (11) STANDARD 3/4-INCH (8) EIGHT BOLT PATTERN CLASS 'D' WELDED STEEL FLANGE.
- (12) BREAK-OFF, EPOXY LINED, D.I., CHECK VALVE AND DOUBLE-MACHINE GROOVED BREAK-OFF RISER PER EQUIVALENT MATERIALS LIST.
- (13) TRACER WIRE REQUIRED FOR C900 MAINS ONLY PER STD. 4212.

**NOTES:**

- 1. FIRE HYDRANT SHALL BE INSTALLED AT DEAD-END TO FLUSH MAINS. FIRE HYDRANT LOCATION SHALL BE SPECIFIED BY THE CITY ENGINEER.
- 2. ALL NEW FIRE HYDRANTS SHALL BE BAGGED (GUNNY SACK) UNTIL CONNECTING SYSTEM IS FULLY ACTIVATED.
- 3. 3/4" DIAMETER CARBON STEEL BOLTS, NUTS, AND WASHERS A.S.T.M. 307, GRADE A OR B, ZINC PLATED SHALL BE USED. ZINC ANODE CAPS REQUIRED.



APPROVED BY:	05/30/2024			
<i>[Signature]</i>	62809			
KHOI DO, CITY ENGINEER	RCE DATE			
RECOMMENDED:	5/20/24			
<i>[Signature]</i>	62268			
DENNIS MEJIA, UTILITIES ENG DIVISION MGR	RCE DATE			
REV	DESCRIPTION	BY	APP'D	DATE

**CITY OF ONTARIO**

**FIRE HYDRANT  
W/ BREAK-OFF  
CHECK VALVE**

**STANDARD  
DRAWING  
NUMBER  
  
4101**