


### List of Materials

Item	Descriptions
1	Tee, main size X 6" (M.J. X M.J. X FLG.) for new main installation. For existing main, see Section 4-06.01 for tapping sleeve requirements.
2	6" gate valve (FLG. X M.J.) resilient-seated (see Section 4-08.02).
3	Valve box per Standard Drawing 650 and 651.
4	Restraint device (see Section 4-04).
5	6" D.I. pipe, thickness class 52, with restrained joints (see Section 4-04).
6	6" X required length D.I. fire hydrant bury - M.J. Inlets.
7	Break-off check valve, Clow 400A, with 1/16" witness hole, epoxy lined.
8	1/8" full face cloth inserted rubber flange gasket.
9	Solid bolt, hex head 5/8" X 3" and nut, electrodeposited coating of zinc.
10	Wet barrel fire hydrant with swivel valve assemblies (see Section 4-09).
11	3' X 3' X 4" concrete pad, class 520-C-2500 (see Note 2 on Sheet 2).
12	2-way reflecting blue pavement marker. See Section 4-09.04 of these Specifications for approved markers (see Note 7 on Sheet 2).

<b>REVISED</b> DATE _____ _____ _____ _____	<b>CITY OF COMPTON</b> PUBLIC WORKS DEPARTMENT - WATER UTILITY DIVISION	DRAWN <u>L.H.O.</u> DATE <u>8-25-15</u>	
	<b>STANDARD FIRE HYDRANT INSTALLATION</b>	<b>STD. NO.</b> <u>610</u>	
	APPROVED <u><i>[Signature]</i></u> DIRECTOR OF PUBLIC WORKS AND MUNICIPAL UTILITIES	DATE <u>9.1.15</u>	1 of 2

Notes:

1. See Section 5-03.04 of these Specifications for polyethylene protective wrapping requirements.
2. Top of concrete pad must match the top of curb and top of sidewalk.
3. See Section 4-09 of these Specifications for acceptable ductile iron fire hydrant manufacturers and models.
4. See Section 5-10 of these Specifications for hydrant painting requirements.
5. Hydrant cast iron caps and valve stems shall have 1-1/8" pentagon operation nuts.
6. Fire hydrant location:
  - A. Hydrant 30" behind face of curb (as shown) when:
    - 1) No sidewalk exists.
    - 2) Curb and sidewalk are not continuous.
    - 3) Curb and sidewalk are contiguous and sidewalk exceeds 6 feet.
  - B. Hydrant 18" behind sidewalk when curb and sidewalk are contiguous and sidewalk does not exceed 6 feet.
  - C. Hydrant a minimum 7 feet Clear from BCR, ECR or top of "X" of driveways.
  - D. Contractor to verify with Engineer the exact fire hydrant location prior to construction.
7. Two-way reflecting blue pavement marker required on hydrant stationing.
  - A. Two-way streets or roads:  
Place markers 6" from edge of painted centerline on the side nearest the fire hydrant. If the street has no centerline, place the marker 6" from the approximate center of the roadway on the side nearest the hydrant.
  - B. Streets with left turn lane at intersection:  
Place markers 6" from edge of painted white channelizing line on the side nearest the hydrant.
  - C. Streets with continuous two-way left turn lane:  
Place markers 6" from the edge of the painted yellow barrier line on the side nearest the fire hydrant.
8. Fire hydrants installed in easements, road and streets without curbs or with rolled curbs shall be protected by guard posts per Standard Drawing 615.
9. Contractor shall use additional restrained bends as necessary to avoid existing or proposed utilities.

<p><b>REVISED</b></p> <p>DATE _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><b>CITY OF COMPTON</b></p> <p>PUBLIC WORKS DEPARTMENT – WATER UTILITY DIVISION</p> <hr/> <p><b>STANDARD FIRE HYDRANT INSTALLATION</b></p> <hr/> <p><b>APPROVED</b>  <b>DATE</b> <u>9.1.15</u></p> <p><small>DIRECTOR OF PUBLIC WORKS AND MUNICIPAL UTILITIES</small></p>	<p>DRAWN <u>L.H.O.</u></p> <p>DATE <u>8-25-15</u></p> <hr/> <p><b>STD. NO.</b></p> <p style="font-size: 24pt;">610</p> <p>2 of 2</p>
--------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------