



MATERIALS FOR THE FIRE HYDRANT ASSEMBLIES SHALL INCLUDE THE FOLLOWING:

WATER MAIN TEE

6" DR 18 C900 PVC, WATER PIPE

6" GATE VALVE, VALVE BOX WITH CONC. ENCASEMENT

FIRE HYDRANT, BURY AND CONCRETE BLOCKING – FIRE HYDRANT ASSEMBLY BID ITEM

FIRE HYDRANT ASSEMBLY

NOTES:

1. CONTRACTOR SHALL INSTALL BLUE REFLECTOR OFFSET 5' FROM CENTER OF STREET TOWARDS FIRE HYDRANT ON PROPOSED STREET @ EACH PROPOSED/EXISTING FIRE HYDRANT.
2. BACKFILL MATERIAL SHALL MEET ASTM C-33 CRUSHED STONE #67.
3. ALL FIRE HYDRANTS INSTALLED WITHIN PROPOSED CONCRETE SHALL HAVE BLOCKOUTS.
4. REFERENCE STANDARD VALVE INSTALLATION (WTR-4) FOR VALVE INSTALLATION REQUIREMENTS.
5. ALL VALVES AND FIRE HYDRANTS SHALL BE LOCATED BY GPS AND PROVIDED TO THE CITY IN TEXAS STATE PLANE COORDINATES, NAD 83(93), SOUTH CENTRAL ZONE.
6. FIRE FLOW SHALL BE TESTED WITH THE FLOWS AND PRESSURES PROVIDED TO THE CITY.
7. THERE SHALL BE NO OBSTRUCTIONS WITHIN 5 FEET OF FIRE HYDRANT.
8. FIRE HYDRANT SHALL BE EQUIPPED WITH A HYDRA-STORZ ADAPTER.(NO SUBSTITUTIONS)
9. FIRE HYDRANT MANUFACTURER PER COS STANDARD PRODUCTS LIST.
10. ALL NEW FIRE HYDRANTS SHALL BE MARKED WITH A FOUR-INCH BY FOUR-INCH BY THREE-FOURTHS-INCH TALL, BLUE REFLECTIVE PAVEMENT MARKER (BLUE REFLECTIVE EYE) LOCATED THREE FEET OFF-CENTER OF THE STREET TOWARDS THE HYDRANT. ALL MARKERS MUST BE APPROVED BY THE FIRE AND UTILITIES DEPARTMENT.

	DATE ISSUED: JUNE 1, 2013		TITLE	
	REVISION	DATE	BY	FIRE HYDRANT ASSEMBLY
	1ST REVISION	5/29/18	DB	
	2ND REVISION	7/15/19	DB	
SCALE:		DRAWING No.		
SCALE:		N.T.S.		WTR-6