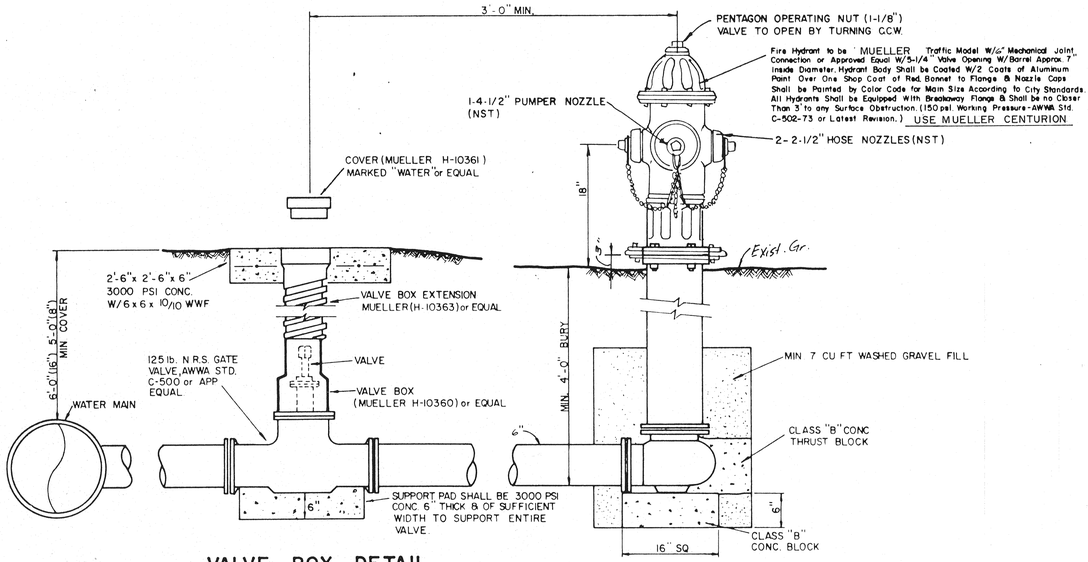


VALVE BOX DETAIL

(SEE PLANS FOR "MAIN SIZE")

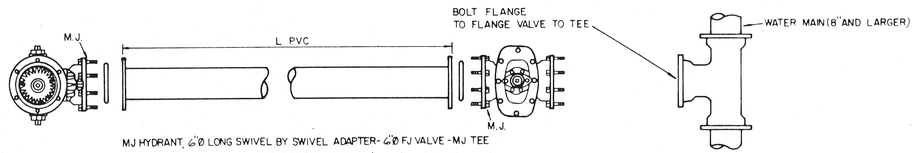
FIRE HYDRANT INSTALLATION

(INCLUDES 6" VALVE)

No Scale

GATE VALVES AND VALVE BOXES.

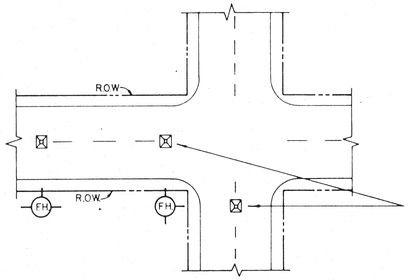
1. GATE VALVES SHALL BE IRON BODY, BRONZE OR BRASS MOUNTED, NON-RISING STEM, PARALLEL SEAT TYPE VALVES SHALL BE OF EQUAL OR GREATER PRESSURE CLASS THAN THE PIPING IN WHICH THEY ARE TO BE INSTALLED.
2. VALVE BOXES SHALL BE CAST IRON AND SHALL BE OF SUFFICIENT LENGTH AND DIAMETER TO OPERATE ALL VALVES BURIED IN THE GROUND. COVERS SHALL BE MARKED "WATER." THE BOXES SHALL REST ON THE VALVE AND BE ADJUSTED SO THAT THE COVER MAY BE SET FLUSH WITH THE FINISHED GRADE.



MJ HYDRANT, ⌀Ø LONG SWIVEL BY SWIVEL ADAPTER- ⌀Ø FJ VALVE - MJ TEE

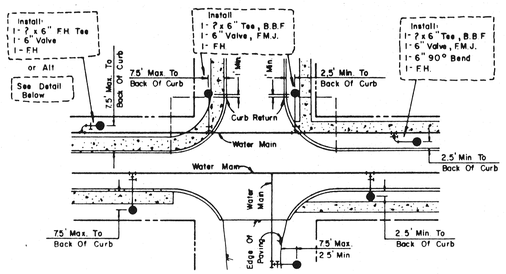
(OR APPROVED EQUAL)

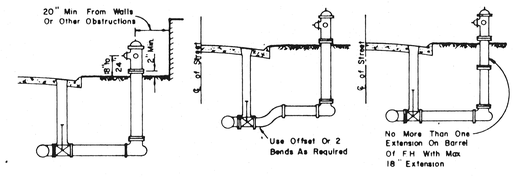
TYPICAL FIRE HYDRANT INSTALLATION



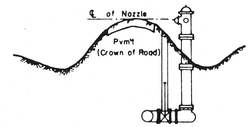
A BLUE STIMSONITE FIRE-LITE REFLECTOR (OR APPROVED EQUAL) TO BE PLACED IN THE CENTER OF STREET OPPOSITE FIRE HYDRANTS. THE INSTALLATION OF THIS REFLECTOR SHALL BE AS PRESCRIBED BY THE MANUFACTURER

TYPICAL FIRE HYDRANT REFLECTOR INSTALLATION





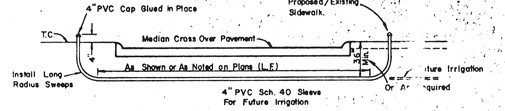
ELEVATION VIEW OF FIRE HYDRANT



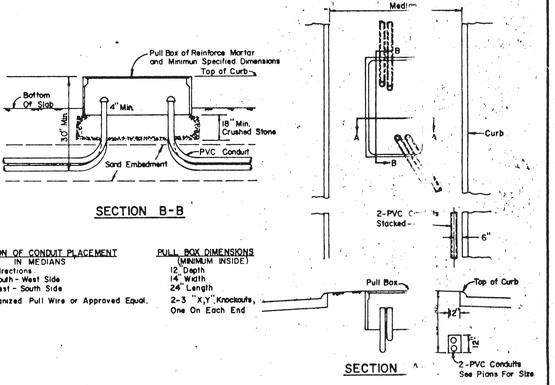
When No Curb Or Gutter Exists, Set F.H. On Front Slope Of Ditch With ℄ Of Nozzle Equal To The Crown Of The Road

GENERAL NOTES

1. ℄ Of F.H. Barrel Shall Be Not Less Than 6.0' Or More Than 9.0' From Back Of Curb Or Edge Of Pavement.
2. Do Not Set F.H. In An Existing Or Proposed Sidewalk, Unless Otherwise Noted.
3. All F.H. Tees Shall Be M.J. With Anchoring On The Branch With M.J. & J. Valve.
4. Set F.H. On The Lot Line Extended When Possible.
5. On Private Contracts, The Developer's Engineer Will Stake Location & Grade.
6. Never Place F.H. Where Fire Truck Could Not Park Beside It.



PVC SLEEVE FOR FUTURE IRRIGATION



SECTION B-B

SECTION

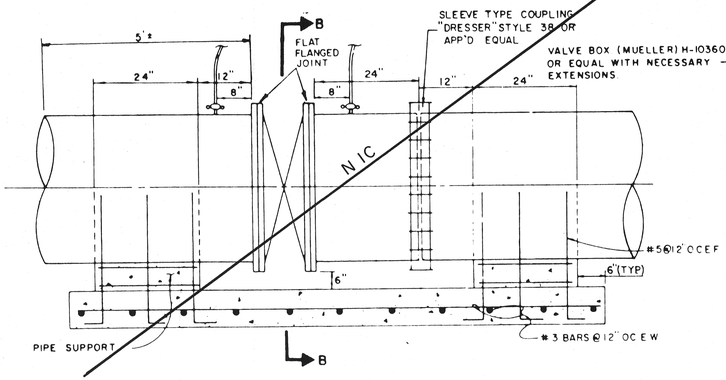
LOCATION OF CONDUIT PLACEMENT IN MEDIANS

Street Directions
North/South - West Side
East/West - South Side
9 Galvanized Pull Wire or Approved Equal.

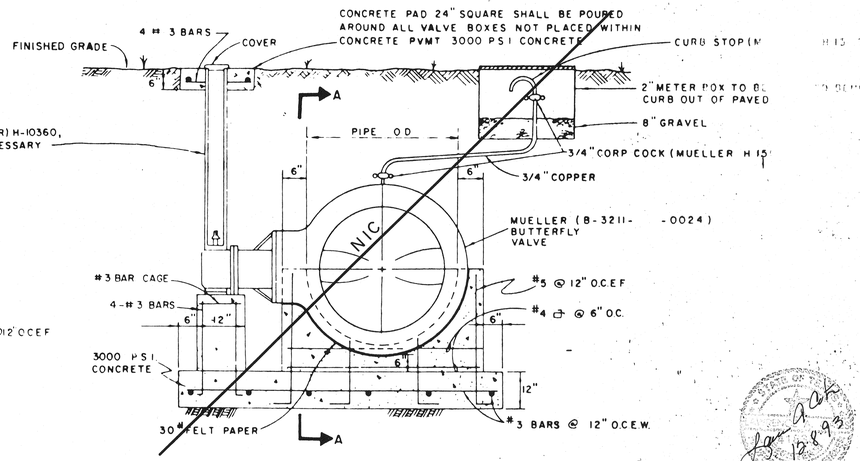
PULL BOX DIMENSIONS (MINIMUM INSIDE)

12" Depth
14" Width
24" Length
2-3 "X,Y" Knockouts, One On Each End

PULL BOX & CONDUIT DETAIL

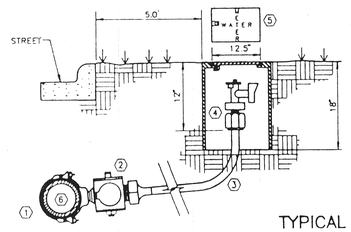


SECTION A-A



SECTION B-B

BUTTERFLY VALVE DETAIL



1. DOUBLE STRAP BRONZE SADDLE W/CCW THREADS. MUELLER.
2. CORPORATION STOP W/CCW THREADS. MUELLER H-15008 COMPRESSION OR H-15000 FLARED.
3. 3/4" TYPE "K" SOFT COPPER W/NO SPLICES
4. ANGLE STOP W/LOCK WING. MUELLER H-14258 COMPRESSION OR H-14255 FLARED.
5. WATER METER BOX (RECTANGULAR SHAPE ONLY) CONCRETE OR METAL SHELL CONSTRUCTION
6. WATER MAIN PVC AWWA C900 SDR 14/18 INTEGRAL WALL BELL

TYPICAL WATER SERVICE DETAIL

AS-BUILTS

I CERTIFY THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THESE CONSTRUCTION PLANS AND WILL FUNCTION AS DESIGNED.

STATE OF TEXAS — LAWRENCE D. CAIN — 83838 — REGISTERED PROFESSIONAL ENGINEER

May 4, 1993

TOWN OF ADDISON, TEXAS
DEPARTMENT OF ENGINEERING

STANDARD CONSTRUCTION DETAILS
WATER
FIRE HYDRANTS, PULL BOXES AND VALVES

Designed -	Drawn -	Date -	Job No. -
Approved -	Checked -	Scale -	Sheet SD-10

FIGD 283504