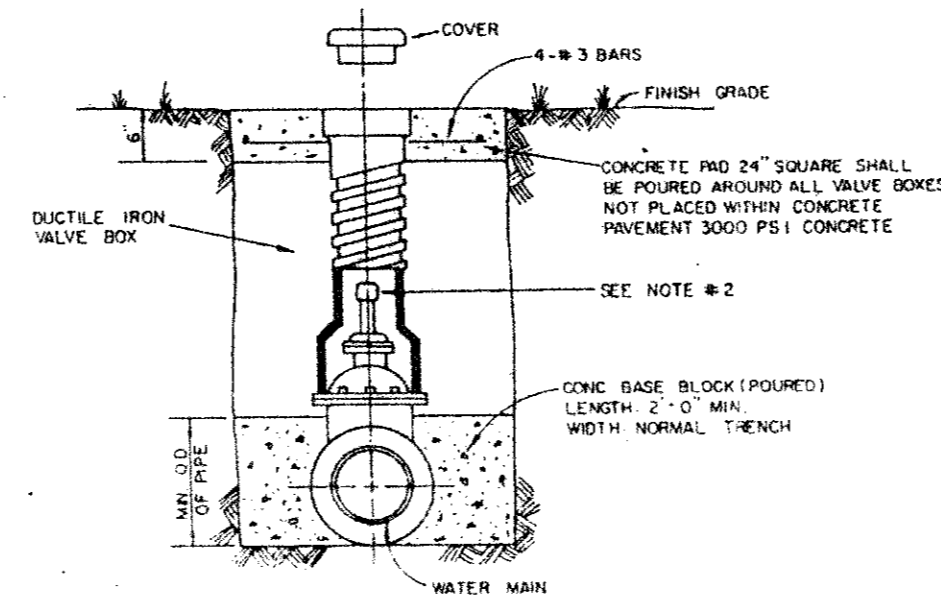


TOWN OF ADDISON

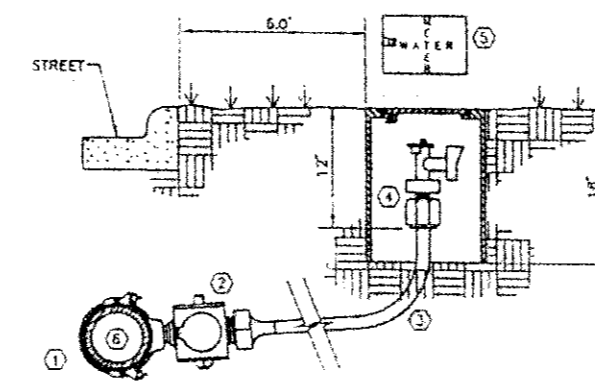
GENERAL NOTES

- A. Prior to final acceptance by the Town of Addison.
- 1) The Contractors shall provide sufficient notes concerning any fill change for the Owner and Engineer to provide reproducible set of as-builts (sealed and certified by a Texas Registered Engineer) and 2 blue line sets.
 - 2) A five foot sidewalk shall be installed along Celestial Avenue. See attached detail.
 - 3) A one year 10% maintenance bond is required for the internal subdivision infrastructure.
 - 4) Contractor shall demonstrate that the water and sanitary sewer systems meets the proper pressure, bacteria and mandrel tests. In addition, the owner shall provide a VHS format video tape of the sanitary sewer.
- B. Prior to starting construction, the contractor shall contact the utility companies to locate existing facilities. These include but may not be limited to the following:
- 1) Town of Addison;
 - 2) Lone Star Gas;
 - 3) Southwestern Bell;
 - 4) Storer Cable;
 - 5) Planned Cable System;
 - 6) TU Electric.
- C. Prior to beginning construction, the Owner or his authorized representative shall convey a Pre-Construction Conference between the Town of Addison, Consulting Engineer, Contractor(s), Utility Companies and any other affected parties. Notify Bruce Eli 450-2847 at least 48 hours prior to beginning construction.
- D. Any existing pavement, curbs, and/or sidewalks damaged or removed will be repaired by the contractor at their expense.
- E. Lot pins shall be installed after construction and prior to final acceptance. Concrete monuments shall be placed as shown on the final plat and iron pins shall be placed at block corners, curve points and angle points in public right-of-way. Concrete monuments shall be six (6) inches in diameter embedded at least three (3) inches in the monument at the exact intersection point of the monument. The monuments shall be set at such an elevation that after construction, the top of the monument will be not less than twelve (12) inches below the ground surface.
- F. The contractor shall stamp a 2-inch, "S" and 2-inch "W" in the curb at the location of the sewer service and water service lines, respectfully.
- G. At intersections that have valley drainage, the crown of the intersecting streets will culminate in a distance of 40 feet from the intersecting curb line unless otherwise noted.
- H. Temporary or permanent street barricades shall remain at all points of ingress and egress to prevent public use until such street received final acceptance.
- I. Contractor shall obtain a right-of-way permit by the Town of Addison for working within the public right-of-way.
- J. During construction, the owner shall provide a qualified geotechnical lab to perform materials testing during the construction at the request of the Town of Addison.
- K. The contractor shall submit material sheets to the Town of Addison for approval prior to incorporating materials into the job.
- L. The utility contractor shall submit to the Town of Addison for approval a trench safety plan sealed by a registered professional engineer for the installation of utilities greater than (5) feet in depth.



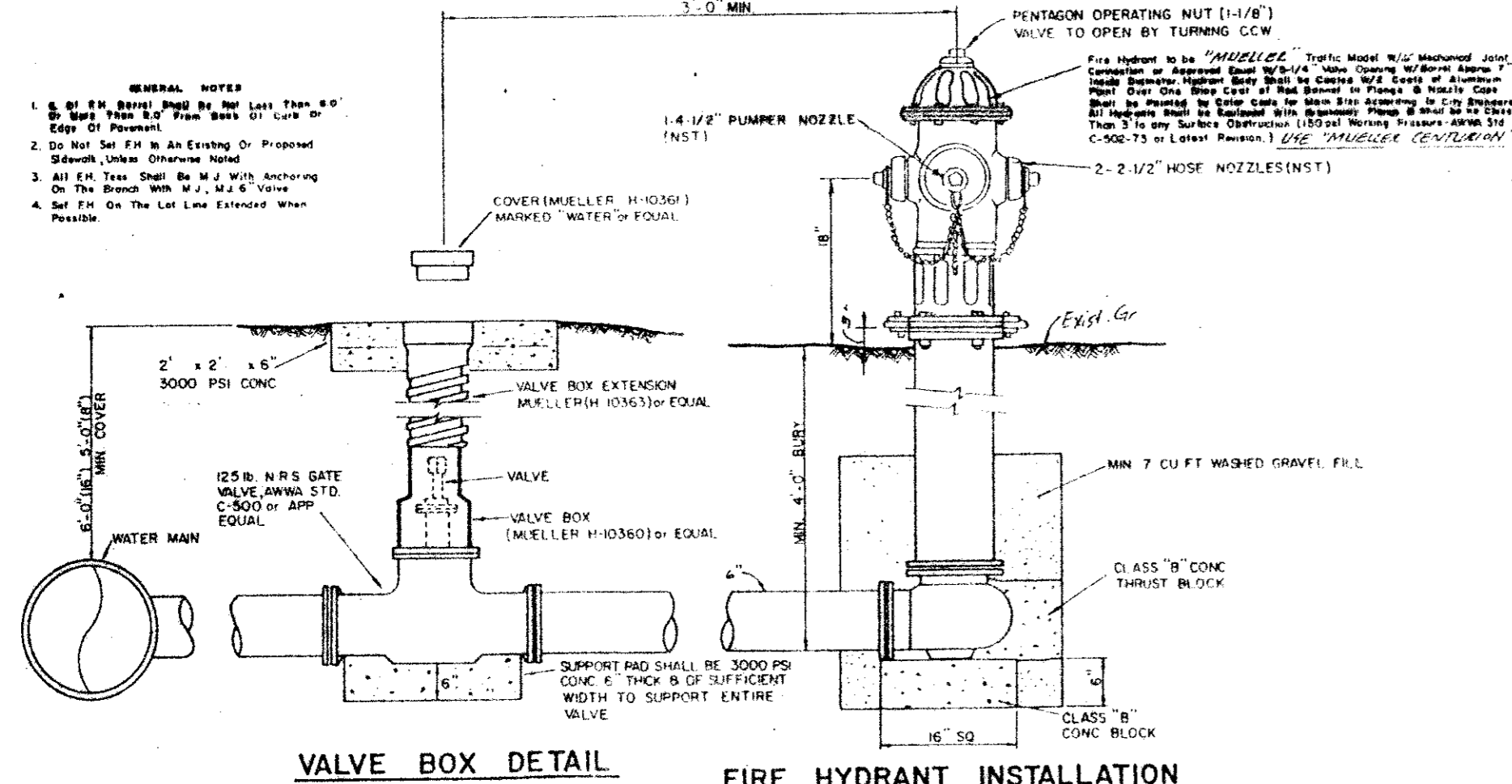
- NOTE:
- 1) GATE VALVES SHALL BE IN ACCORDANCE WITH AWWA STANDARD C-300-80 OR LATEST THEREOF ALL VALVES SHALL BE "MUELLE" OR APPROVED EQUAL.
 - 2) A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE THAT'S OPERATING NUT IS LOCATED IN EXCESS OF 4 FEET BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO INSURE THAT ITS TOP IS WITHIN 4" OF VALVE BOX LID. MANUFACTURED VALVE STACK DUCTILE IRON PIPE TO BE USED FOR EXTENSION GREATER THAN 4'-0" BELL END OF STACK TO BE FITTED OVER VALVE. VALVE AND VALVE STACK IS TO BE POLY WRAPPED.
 - 3) VALVES SHALL BE OF DUCTILE IRON W/ RUBBER ENCAPSULATED DISK BODY BOLTS SHALL BE STAINLESS STEEL OF SAME SIZE ON EACH VALVE.

TYPICAL VALVE SETTING AND BOX



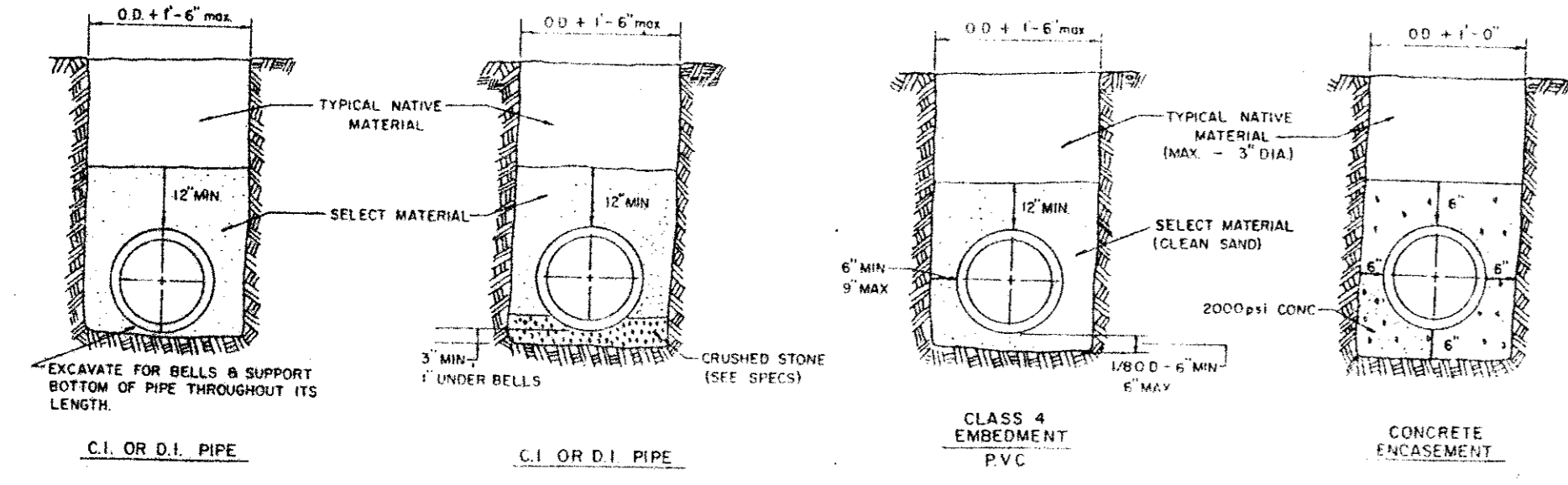
- 1) DOUBLE STOP BRONZE SADDLE W/ CON. THREADS, MUELLER
- 2) ANGLE STOP W/ CON. WING, MUELLER
- 3) CORPORATION STOP W/ CON. THREADS, MUELLER
- 4) W-14236 COMPRESSION OF
- 5) WATER WATER BOX
- 6) CONCRETE OR METAL SHEL. CONSTRUCTION
- 7) 1" THIN W/ LEFT COPPER W/ NO SPLICES
- 8) WATER MAIN
- 9) 2" W/ W/ CON. SDR 14.75
- 10) INTERNAL WALL BELL

TYPICAL WATER SERVICE DETAIL



- GENERAL NOTES
1. & 2. All valves shall be in accordance with AWWA Standard C-300-80 or latest thereof.
 2. All valves shall be in accordance with AWWA Standard C-300-80 or latest thereof.
 3. All valves shall be in accordance with AWWA Standard C-300-80 or latest thereof.
 4. All valves shall be in accordance with AWWA Standard C-300-80 or latest thereof.

- 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 BORED 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.



EMBEDMENT DETAILS FOR WATER MAIN

TOWN OF ADDISON
WATER AND SEWER
STANDARD DETAILS
CELESTIAL PLACE
ADDISON / DALLAS, TEXAS

FOR :
ALLEGIANCE GROUP, INC.
8080 N. CENTRAL EXPWY.
DALLAS, TEXAS 75206

BY :
DAL-TECH ENGINEERING INC
11020 AUDELIA RD., SUITE C207
DALLAS, TEXAS 75342
PH. (214)553-5500