MUST BE RE-EXPOSED BY THE CONTRACTOR FOR INSPECTION

TYPICAL WATER SERVICE DETAIL

UP TO 2" METER

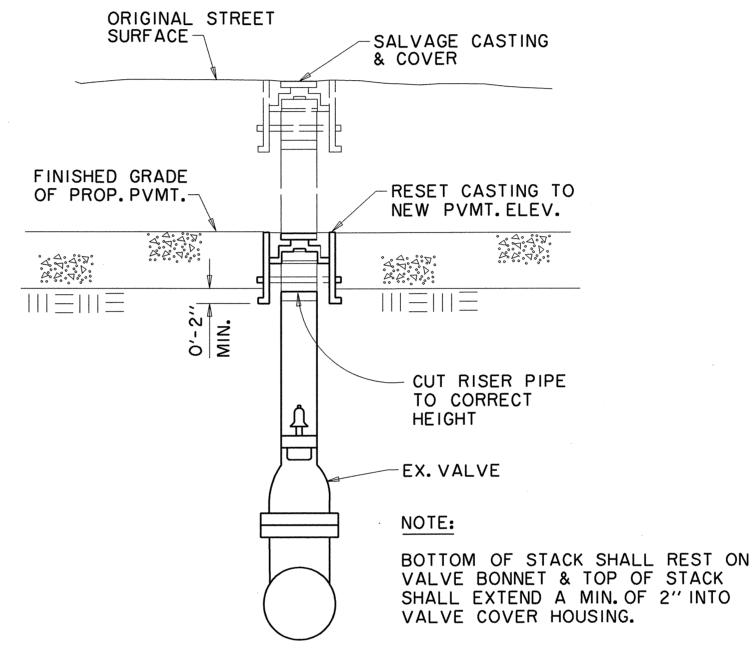
N.T.S.

BY THE TOWN.

CONC. ENCASEMENT WATER MAIN N.T.S.

> ALL BRONZE ONE PIECE PENTAGON OPERATING

PVC EMBEDMENT N.T.S.



O.D. + 1' - 6"

SELECT MATERIAL

(CLEAN SAND) -

9" MAX.

PER NCTCOG

ITEM 2.1.8

EACH ZONE PLACED AND COMPACTED SEPARATELY

TYPICAL NATIVE

MATERIAL (MAX.

3" DIA.) IN 6" LIFTS

COMPACTED TO A

GEOTEXTILE FABRIC

NCTCOG ITEM 2.1.8

6" MIN. IN ROCK

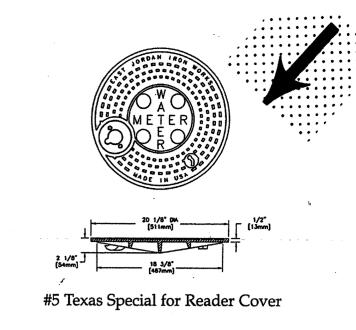
'MAX.

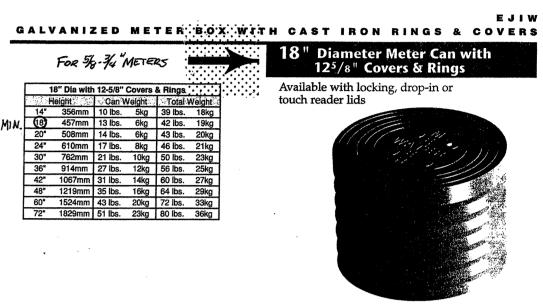
PER NCTCOG ITEM 2.23.3

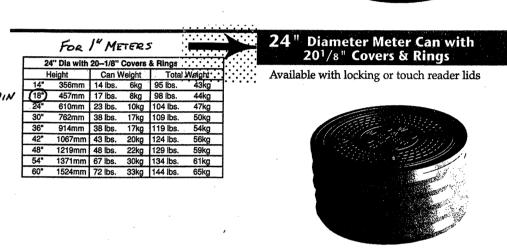
GRADE 4 CRUSHED STONE

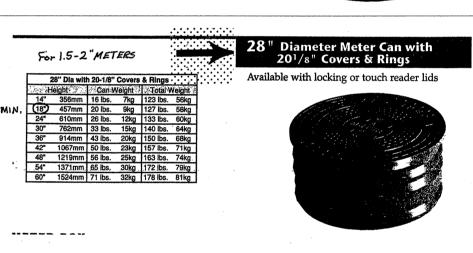
MIN. 95% OF MAX.

DENSITY









VALVE COVER & RISER PIPE ADJUSTMENT

FINISHED -COVER GRADE --4-#3 BARS CONC. PAD 24" SQUARE SHALL BE DUCTILE IRON POURED AROUND ALL VALVE BOXES VALVE BOX-NOT PLACED WITHIN CONC. PVMT. (3000 psi CONC.) -SEE NOTE #2 MIN. O.D. F PIPE 3000 psi CONC. BASE BLOCK (POURED) LENGTH: 2'-0" MIN. WIDTH: NORMAL TRENCH

-WTR. MAIN TYPICAL VALVE SETTING & BOX

RECORD DRAWING

THIS DRAWING HAS BEEN MODIFIED FROM THE ORIGINAL TO SHOW ONLY THE FIELD CHANGES AND ADJUSTMENTS MADE DURING CONSTRUCTION BY THE CONTRACTOR WHICH WERE DOCUMENTED AND FURNISHED TO THE ENGINEER FOR THE PURPOSE OF PREPARING THESE RECORD DRAWINGS. FIELD INSPECTION OF CONSTRUCTION WAS PERFORMED BY OTHERS. TO THE BEST OF OUR KNOWLEDGE AND UNDERSTANDING THESE RECORD DRAWINGS REPRESENT THE "AS-BUILT" CONDITIONS.

DESIGN



WATER DETAILS

ADDISON RESIDENTIAL

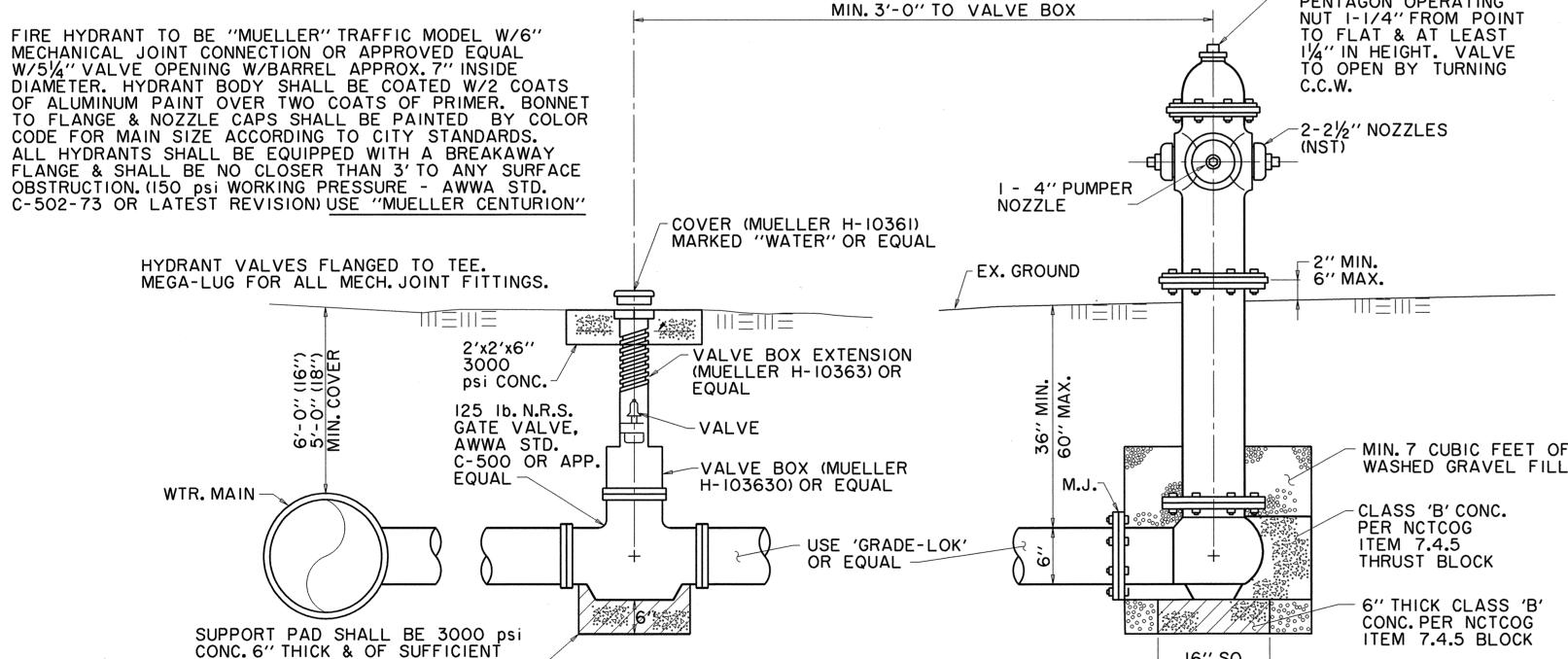
TOWN OF ADDISON, TEXAS

Huitt - Zollars, Inc. 3131 Mckinney Ave., Suite 600, Dallas, TX 75204 Phone (214) 871-3311/Fax (214) 871-0757

N.T.S.

CHECKED APPR.

- I. GATE VALVES SHALL BE IN ACCORDANCE WITH AWWA STANDARD C-509-80 OR LATEST
- 2. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE ON WHICH THE 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 WRAPED.
- 3. VALVES SHALL BE OF DUCTILE IRON W/RUBBER ENCAPSULATED DISK. BOLTS
- 4. ALL WATER COVERS SHALL BE MARKED ''WATER''.



VALVE BOX DETAIL N.T.S.

(SEE PLANS FOR "MAIN SIZE")

GATE VALVES AND VALVE BOXES:

WIDTH TO SUPPORT ENTIRE VALVE-

ref levels.
ref levels.
ref levels.
ref levels.

まままま

logical...no rogical...no logical...no rogical...no rogic

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2 2 2 2 2

RFO, H; NPROJ NO1340801 NDGN NDETBD.DGN, RF1, WDET I QUORUM.DGN, 1-63
•no ref logical•, •no ref name•, •no ref le
•no ref logical•, •no ref name•, •no ref le
•no ref logical•, •no ref name•, •no ref le

- I. GATE VALVES SHALL BE DUCTILE IRON BODY, BRONZE OR BRASS MOUNTED, NON-RISING STEM, RESILIENT WEDGE TYPE (SUCH AS MUELLER A-2360). VALVES SHALL BE OF EQUAL OR GREATER PRESSURE CLASS THAN THE PIPING IN WHICH THEY ARE TO BE INSTALLED.
- 2. VALVE BOXES SHALL BE U.S.A. 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 SET FLUSH WITH THE FINISHED GRADE.
- 3. VALVE DEPTH GREATER THAN 4 FEET REQUIRES VALVE EXTENSION STEM.

N.T.S.

16" SQ.

TYPICAL FIRE HYDRANT INSTALLATION

GENERAL NOTES:

I. C OF F.H. BARREL SHALL BE NOT LESS THAN 6.0' OR MORE THAN 9.0' FROM BACK OF CURB OR EDGE OF DRIVING LANE.

- 2. DO NOT SET F.H. IN AN EXISTING OR PROPOSED SIDEWALK, UNLESS OTHERWISE NOTED.
- 3. ALL F.H. TEES SHALL BE FLANGED TEE WITH ANCHORING ON THE BRANCH WITH FLANGED x M.J., M.J. 6'' VALVE. RESTRAINING GLANDS EBAA SERIES 2000 OR EQUAL.
- 4. SET F.H. ON THE LOT LINE EXTENDED WHEN POSSIBLE. (NOT APPLICABLE TO THIS PROJECT)
- 5. SEE SPECIFICATION FH-95-1 FOR ADDITIONAL REQUIREMENTS.
- 6. ALL MECHANICAL JOINTS WILL BE RESTRAINT TYPE EBAA SERIES 2000 OR APPROVED EQUAL.

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SCALE | DATE | PROJECT NO.

11/20/08

NOTES:

THEREOF. ALL VALVES SHALL BE ''MUELLER'' OR APPROVED EQUAL.

SHALL BE STAINLESS STEEL OF SAME SIZE ON EACH VALVE.

HΖΙ