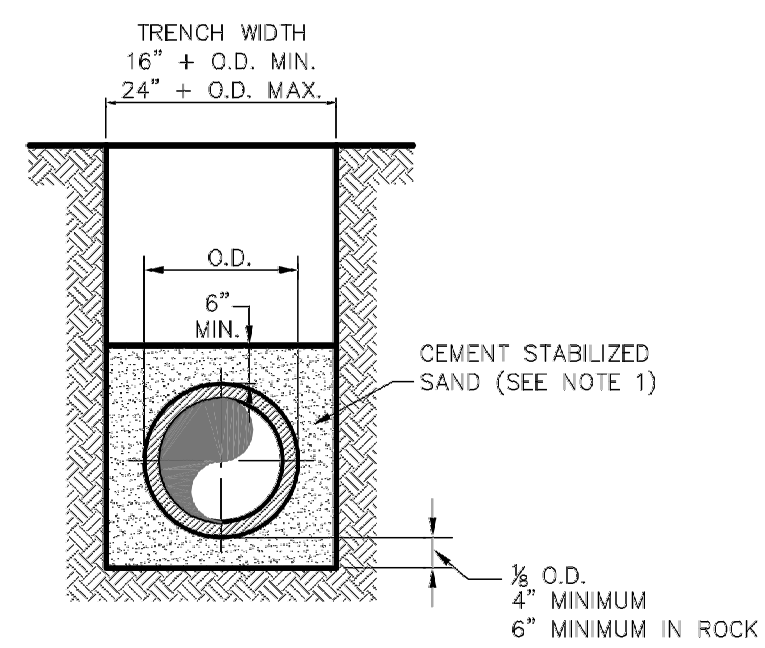


TYPICAL P.V.C. WASTEWATER MAIN EMBEDMENT



P.V.C. WASTEWATER MAIN CEMENT STABILIZED SAND EMBEDMENT

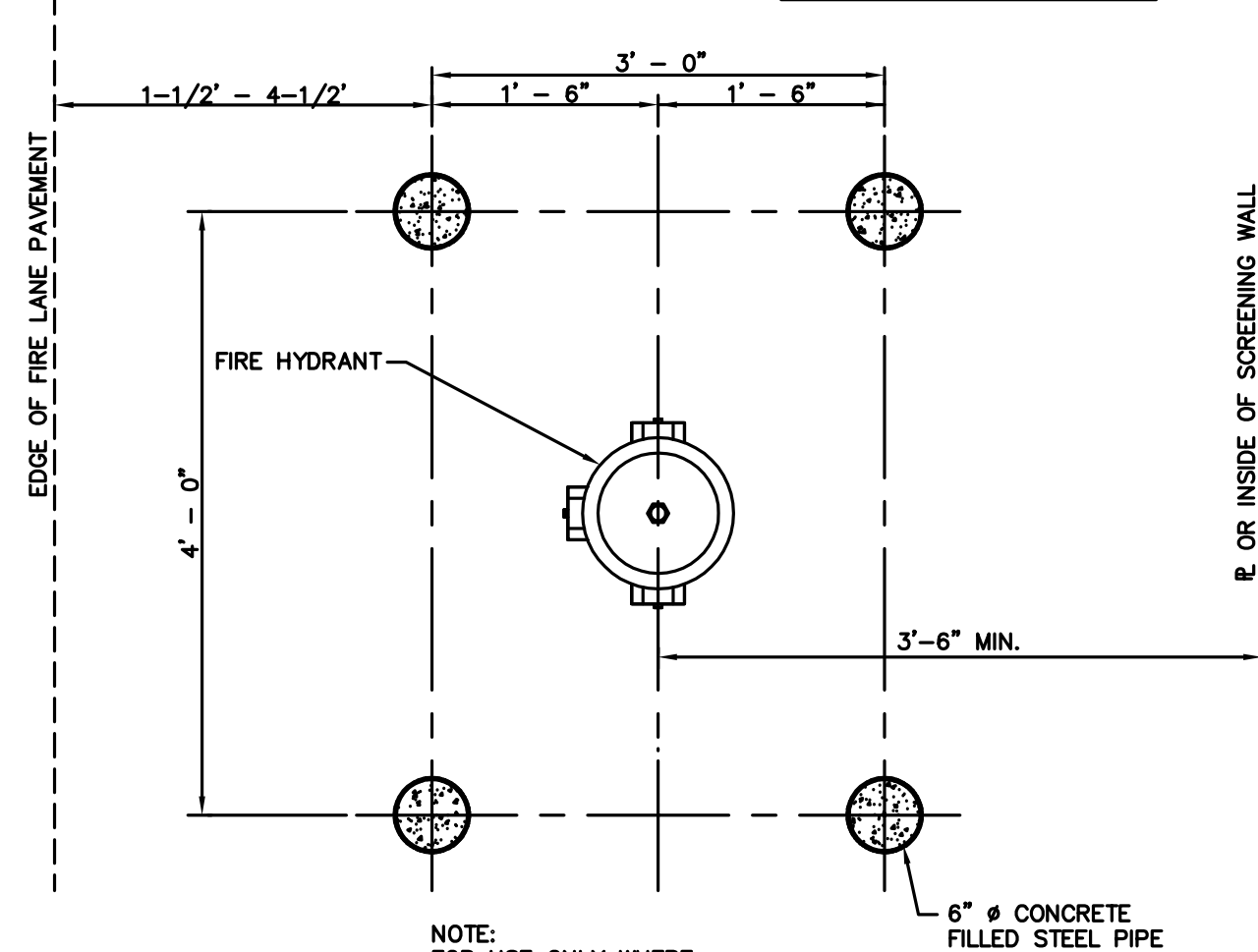
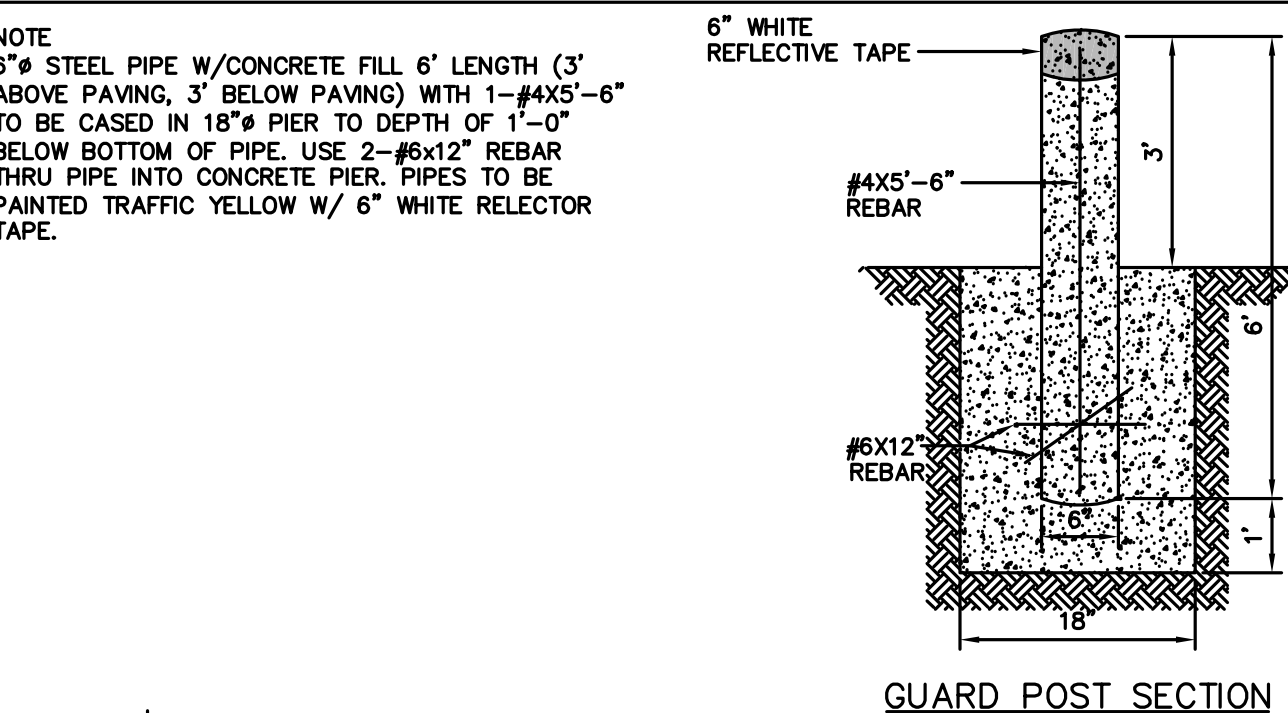
NOTE:  
1. CEMENT STABILIZED SAND SHALL HAVE A MINIMUM OF 10% CEMENT PER CUBIC YARD OF CEMENT STABILIZED SAND MIXTURE, BASED ON LOOSE DRY WEIGHT VOLUME (AT LEAST 2.5 BAGS OF CEMENT PER CUBIC YARD OF MIXTURE). THE USE OF BROWN COLORING IN CEMENT STABILIZED SAND IS REQUIRED FOR PRESSURE RATED WASTEWATER MAIN AND LATERAL BEDDING.

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P.V.C. WASTEWATER MAIN EMBEDMENT

STANDARD CONSTRUCTION DETAILS WASTEWATER

DATE: AUGUST, 2010 REV DATE: SHEET: SD-WW1

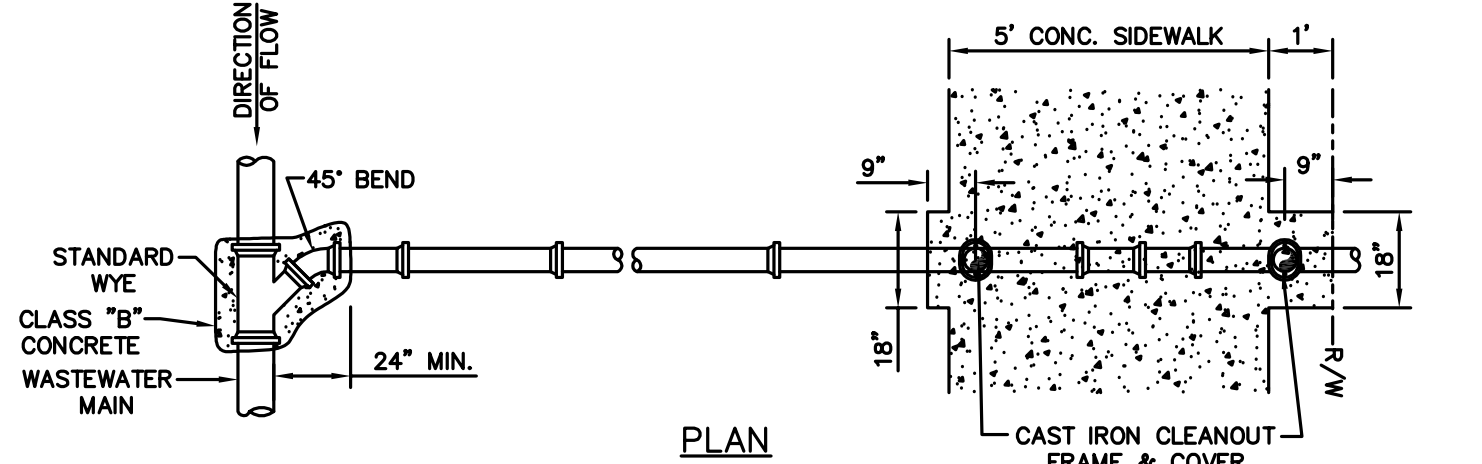
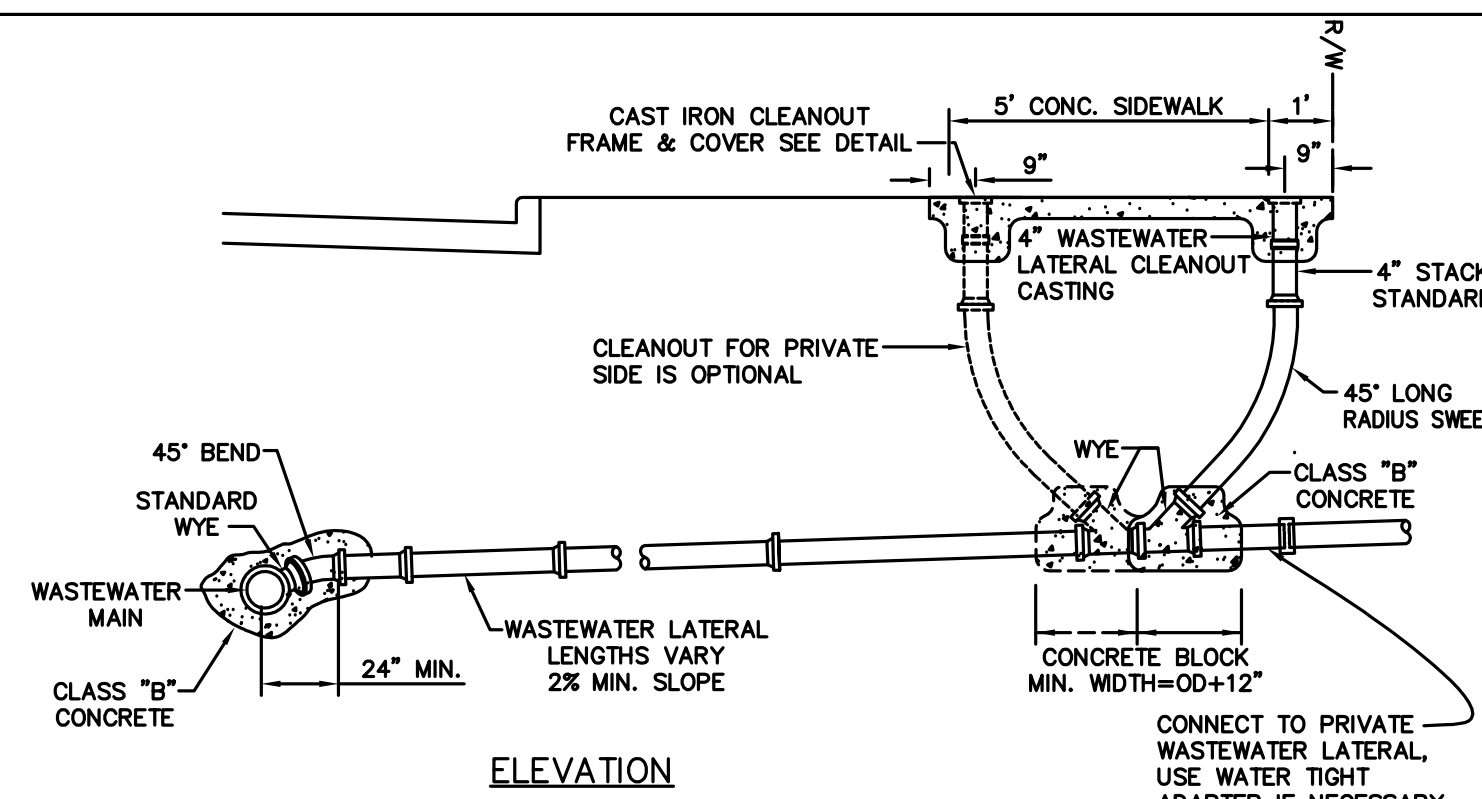


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FIRE HYDRANT GUARD POST

STANDARD CONSTRUCTION DETAILS WATER

DATE: AUGUST, 2010 REV DATE: SHEET: SD-W18



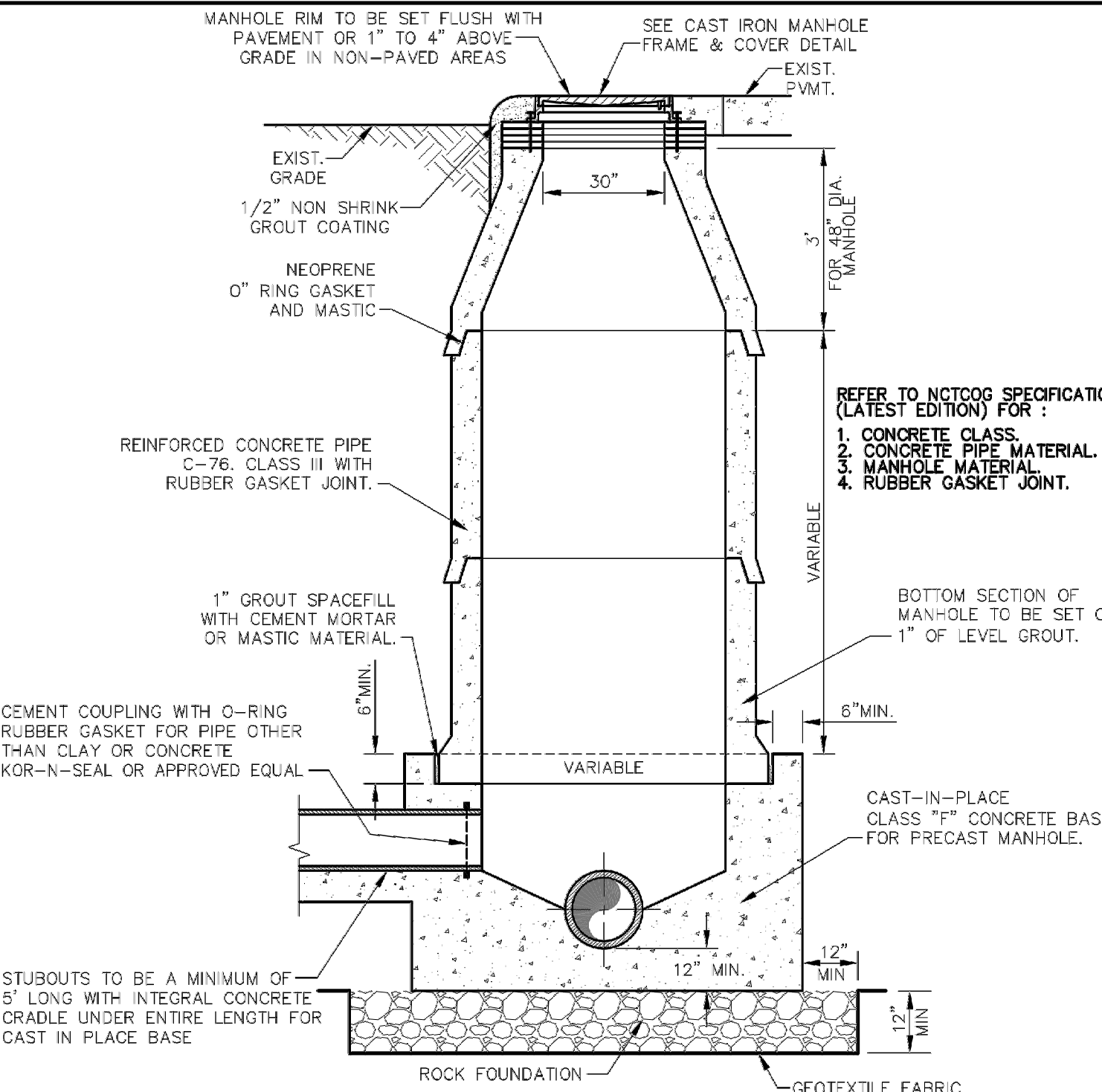
NOTES:  
1. WASTEWATER LATERALS ARE TO BE CONSTRUCTED TO CLEAR EXISTING AND PROPOSED FACILITIES, SUCH AS STORM DRAIN MAINS, RETAINING WALLS, OTHER UTILITIES, ETC.  
2. THE WASTEWATER LATERAL SHALL HAVE MINIMUM COVER OF 4'-0" BELOW THE PROPOSED CURB GRADE AT THE PROPERTY LINE, DETERMINED FROM PAVING GRADE, OR AS REQUIRED TO MAINTAIN A MINIMUM OF 2.0% GRADE, OR AS DIRECTED BY THE OWNER.

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TWO-WAY CLEANOUT NEW CONSTRUCTION

STANDARD CONSTRUCTION DETAILS WASTEWATER

DATE: AUGUST, 2010 REV DATE: SHEET: SD-WW2



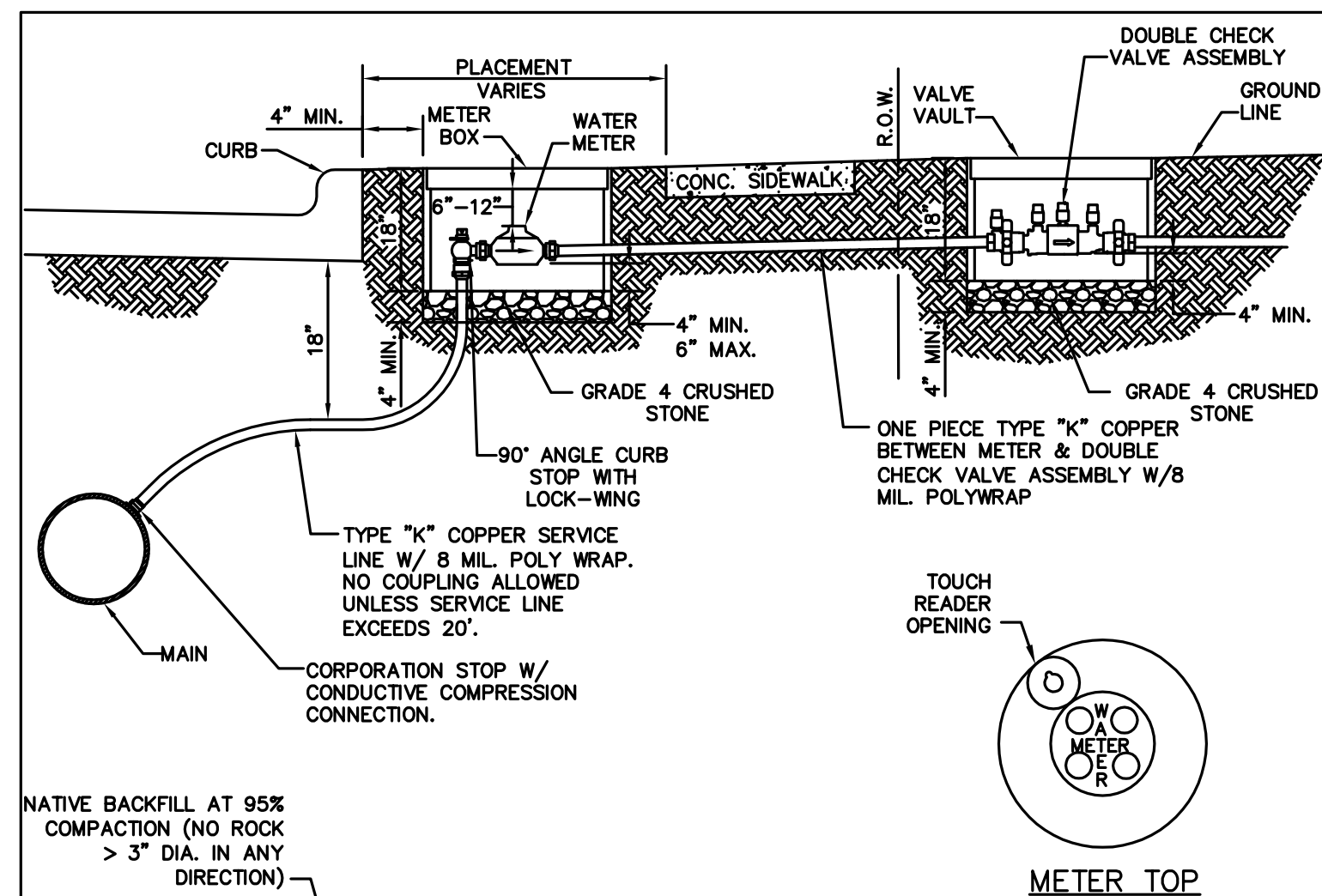
NOTES:  
1. IF FALSE MANHOLE BOTTOMS ARE REQUIRED, THEY SHALL BE CONSTRUCTED, INSTALLED, AND REMOVED PER WASTEWATER MANHOLE FALSE BOTTOM STD. DETAIL.  
2. WHERE MANHOLE'S ARE OUTSIDE OF PAVEMENT, FRAME & COVER SHALL BE CENTERED IN 5'x5' CONCRETE PAD CLASS "A" CONCRETE, 4" THICK  
3. ALL MANHOLES SHALL PASS VACUUM TEST AS PER NCTCOG SPECIFICATIONS

**Addison!** PUBLIC WORKS DEPARTMENT

PRECAST CONCRETE PIPE MANHOLE ALTERNATE "A"

STANDARD CONSTRUCTION DETAILS WASTEWATER

DATE: AUGUST, 2010 REV DATE: SHEET: SD-WW6



GENERAL INSTALLATION NOTES:  
1. WATER METER SHALL BE PLACED IN CENTER OF LOT WITH THE SANITARY SEWER SERVICE TO BE LOCATED 10' DOWNSTREAM.  
2. METER AND BOX SHALL BE SET BY THE CONTRACTOR TO ADDISON STANDARDS IN ALL CASES.  
3. THE METER BOX SHALL BE SET WITHIN THE R.O.W. OR A DEDICATED UTILITY EASEMENT. IN ALL CASES, THE METER BOX SHALL BE PROTECTED FROM VEHICULAR TRAFFIC.  
4. WATER SERVICES SHALL NOT BE CONNECTED TO DEAD END LINES OR FIRE HYDRANT LEADS.  
5. ALL MATERIALS SHALL CONFORM TO THE TOWN OF ADDISON WATER SYSTEM REQUIREMENTS.

| Type "K" Copper Service Pipe | Double Strap Bronze Service Saddle with C.C. Threads | East Jordan Iron Works Galvanized Meter Box With Iron Ring & Cover |                |           |                 |                   |
|------------------------------|--|--|----------------|-----------|-----------------|-------------------|
|                              |  | Min. Dia.  | Covers & Rings | Min. Ht.  | Min. Can Weight | Min. Total Weight |
| 3/4 Inch                     | 3/4 Inch   | 18 Inches  | 12% Inches     | 18 Inches | 13 lbs.         | 42 lbs.           |
| 1 Inch                       | 1 Inch   | 24 Inches  | 20% Inches     | 18 Inches | 17 lbs.         | 98 lbs.           |
| 1 1/2 Inch                   | 1 1/2 Inch   | 28 Inches  | 20% Inches     | 18 Inches | 20 lbs.         | 127 lbs.          |
| 2 Inch                       | 2 Inch   | 28 Inches  | 20% Inches     | 18 Inches | 20 lbs.         | 127 lbs.          |

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SERVICE CONNECTION WITH METER BOX

STANDARD CONSTRUCTION DETAILS WATER

DATE: AUGUST, 2010 REV DATE: SHEET: SD-W20

**AS-BUILT**  
10/25/2018

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY VICTOR LISSIAK, JR., P.E. 30565 ON 10/25/2018



STANDARD DETAILS

MEHRDAD HANGAR

ADDISON AIRPORT

LEASEHOLD ESTATES TRACT II

1458 ACRES GROUND LEASE #080A-29 ALP#U23

4700 WESTGROVE DRIVE

ADDISON, TEXAS

VIEWTECH INC. TEXAS FIRM REGISTRATION NO. F2658  
4205 BELTWAY DR. ADDISON, TX. 75001 (972) 661-8187 FAX (972) 661-8172

| DESIGN | DRAWN | DATE     | SCALE | JOB #    | SHEET |
|--------|-------|----------|-------|----------|-------|
| AW     | AW    | 10/24/16 |       | 2015-224 | C13   |