

**RULE NO.: R161-18.03**

**NOTICE OF PROPOSED RULE**

**POSTING DATE: April 4, 2018**

The Director of the Department of Austin Water proposes to adopt the following rule after May 6, 2018.

Comments on the proposed rule are requested from the public. Comments should be submitted to Mr. Eric Langhout, P.E.; Austin Water, 3907 S. Industrial Dr., Suite 236, Austin, Texas 78744, 512-972-0073, or via email at [Eric.Langhout@austintexas.gov](mailto:Eric.Langhout@austintexas.gov). To be considered, comments must be submitted before May 6, 2018, the 32nd day after the date this notice is posted. A summary of the written comments received will be included in the notice of rule adoption that must be posted for the rule to become effective.

An affordability impact statement regarding the proposed rule has been obtained and is available for inspection or copying at the address noted in the preceding paragraph.

**EFFECTIVE DATE OF PROPOSED RULE**

A rule proposed in this notice may not become effective before the effective date established by a separate notice of rule adoption. A notice of rule adoption may not be posted before May 6, 2018 (the 32nd day after the date of this notice) or not after June 13, 2018 (the 70th day after the date of this notice).

If a proposed rule is not adopted on or before June 13, 2018, it is automatically withdrawn and cannot be adopted without first posting a new notice of a proposed rule.

**TEXT OF PROPOSED RULE**

A copy of the complete text of the proposed rule is available for public inspection and copying at the following locations. Copies may be purchased at the following locations at a cost of ten cents per page:

Austin Water, located at 3907 S. Industrial Dr., Suite 236, Austin, Texas, 78744. See Mr. Eric Langhout, P.E. and:

Office of the City Clerk, City Hall, located at 301 West 2nd Street, Austin, Texas.

## **BRIEF EXPLANATION OF PROPOSED RULE**

R161-18.03: Proposed revision to the Utility Criteria Manual 2.9.4

### **Rule 3 – Standard Details**

- Standard Detail 520-AW-01 – This change is being made to eliminate the water services from the detail so it will only be a Single and Double Wastewater Service Connection.
- Standard Detail 1000S-8B – This Detail will be eliminated from the Standard Details page as it is obsolete.

## **AUTHORITY FOR ADOPTION OF PROPOSED RULE**

The authority and procedure for adoption of a rule to assist in the implementation, administration, or enforcement of a provision of the City Code is provided in Chapter 1-2 of the City Code. The authority to regulate construction requirements is established in Section 552.001 and Title 15 of the City Code.

## CERTIFICATION BY CITY ATTORNEY

By signing this Notice of Proposed Rule R161-18.03, the City Attorney certifies the City Attorney has reviewed the rule and finds that adoption of the rule is a valid exercise of the Director's administrative authority.

## REVIEWED AND APPROVED



\_\_\_\_\_  
Greg Meszaros, Director  
Austin Water

Date: \_\_\_\_\_

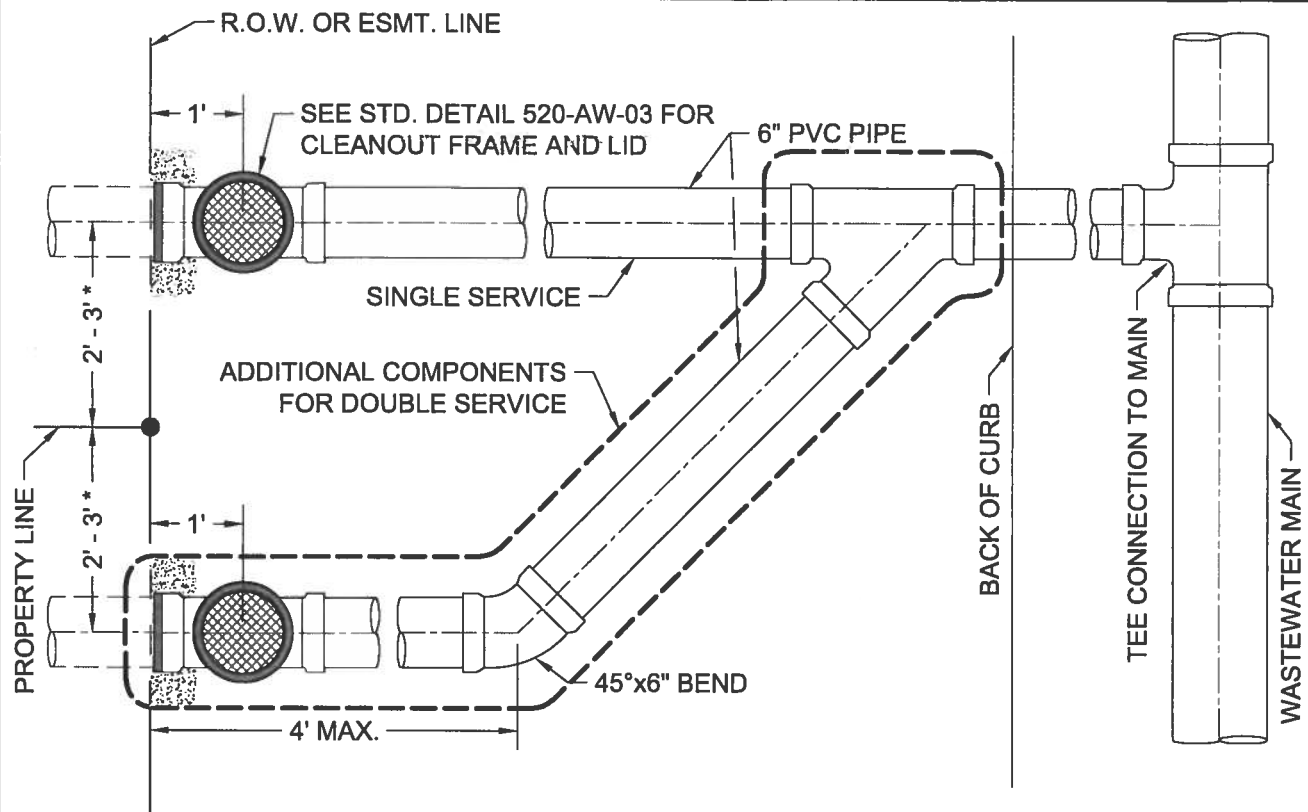
3/13/18



\_\_\_\_\_  
Anne L. Morgan  
City Attorney

Date: \_\_\_\_\_

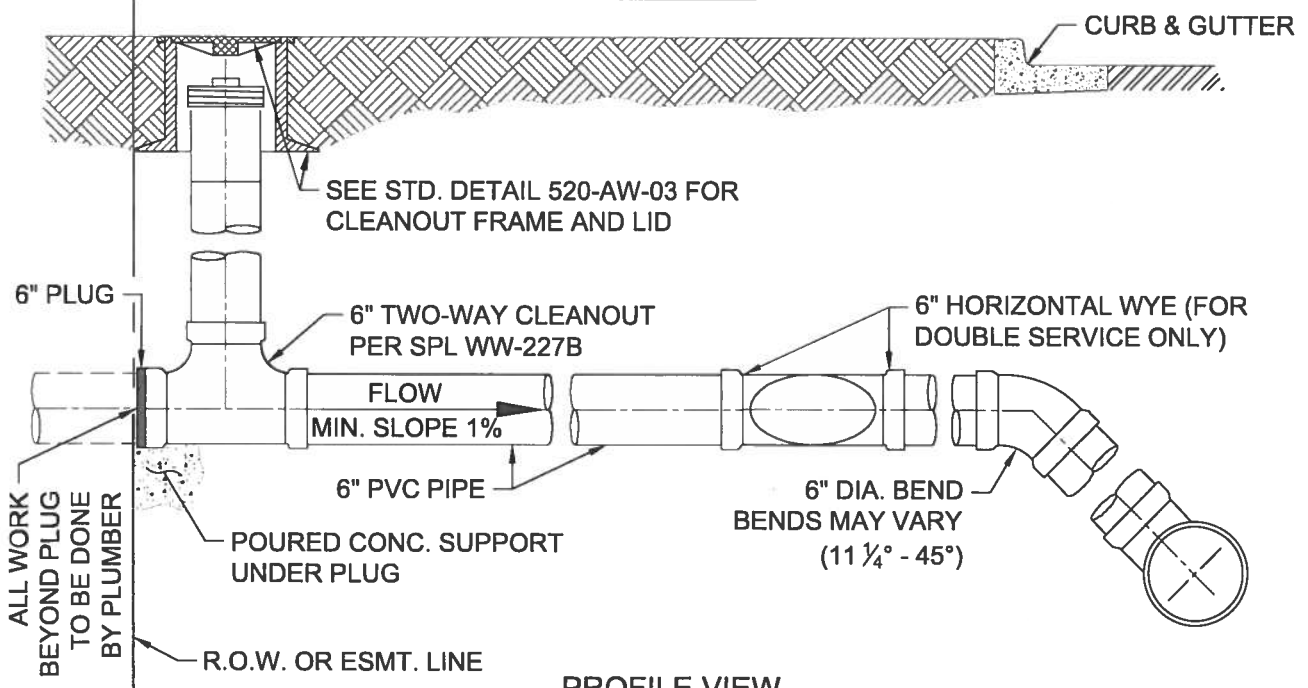
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NOTE:  
FOR SINGLE SERVICES, WASTEWATER  
SERVICE SHALL BE PERPENDICULAR TO  
THE MAIN, FROM MAIN TO THE R.O.W.  
OR EASEMENT LINE.

\* OFFSET FROM PROPERTY LINE IS FOR  
DOUBLE SERVICE INSTALLATION ONLY.

PLAN VIEW

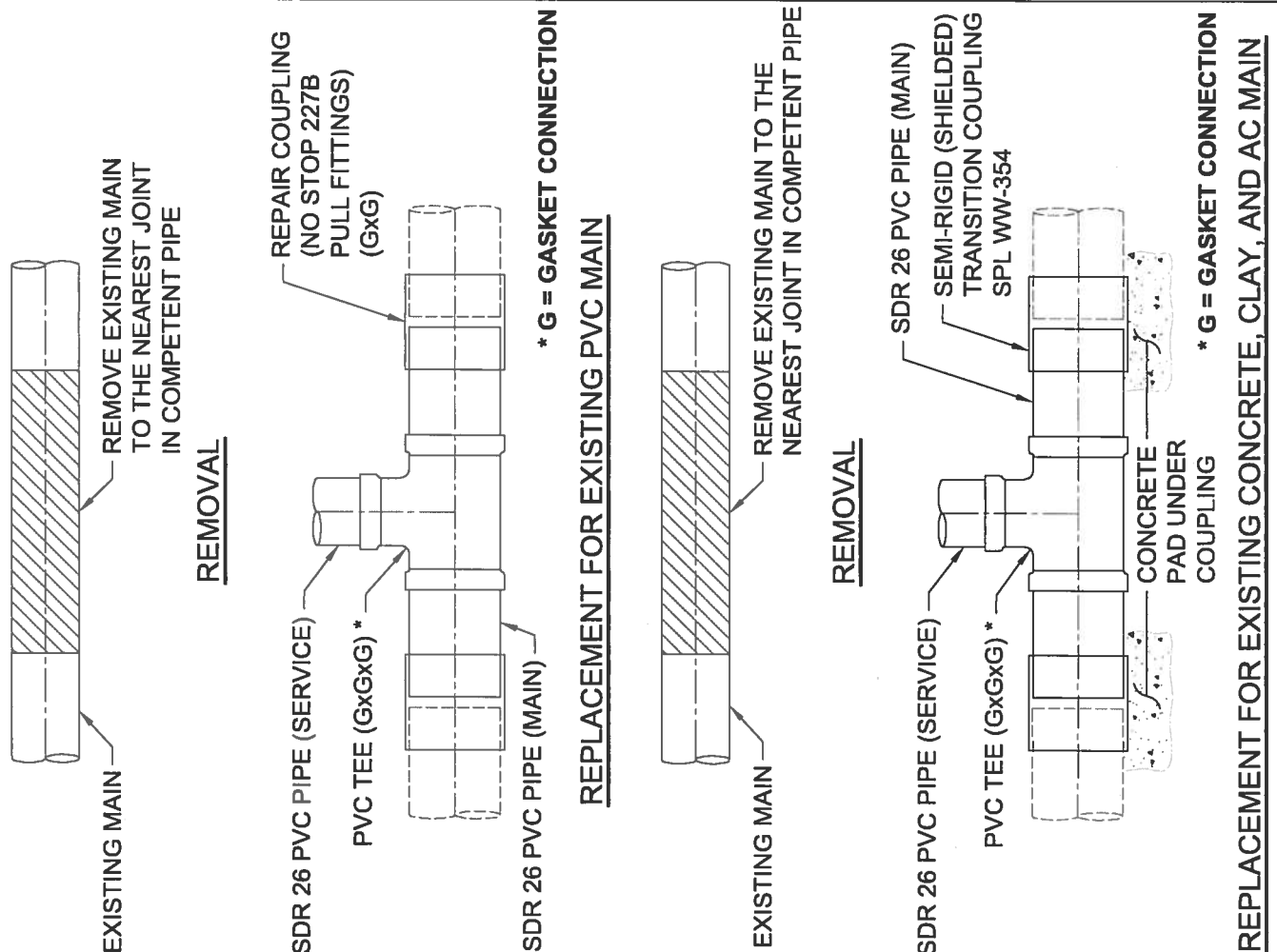


PROFILE VIEW

CITY OF AUSTIN AUSTIN WATER	SINGLE AND DOUBLE WASTEWATER SERVICE CONNECTION	
DRAFT 02/02/18	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. <b>520-AW-01</b> 1 OF 4
ADOPTED		

NOTES:

1. DURING SUBDIVISION CONSTRUCTION, UTILITY CONTRACTOR INSTALLS WASTEWATER TEE CONNECTION TO MAIN, 6" STUB, HORIZONTAL WYE FOR DOUBLE SERVICES, 6" SERVICE BRANCH WITH 2-WAY-CLEANOUT(S) AND RISER, FRAME, AND COVER. CLEANOUT(S) TO BE PLUGGED AT PROPERTY LINE OR EASEMENT LINE END. ALL WASTEWATER PIPING SHALL HAVE ELASTOMERIC GASKET TYPE JOINTS AND SLOPE DOWNWARD TO MAIN 1% MIN. TO 45° MAX. DEPTH OF SERVICE AT PROPERTY LINE WILL BE SHOWN ON PLANS BY ENGINEER IF GREATER THAN 4', OTHERWISE THE INSTALLED DEPTH WILL BE 4' MIN. AND 6' MAX. AT PROPERTY LINE. IF WASTEWATER SERVICE LINE TO MAIN REQUIRES DEFLECTION EXCEEDING 45°, SEE SHEET 3 OF 4.
2. PIPING IN STREET RIGHT-OF-WAY AND IN EASEMENT AREA SHALL BE BEDDED IN GRANULAR MATERIALS AS REQUIRED BY CITY OF AUSTIN STANDARD SPECIFICATION 510.3 (14); MATERIALS SHALL BE AS SPECIFIED IN 510.2 (2)(A) AND (3)(B); BACKFILL ABOVE THE GRANULAR BEDDING SHALL BE AS REQUIRED BY SECTION 510.3 (25). SERVICE LINES IN THESE AREAS SHALL HAVE A MIN. COVER BELOW FINAL STREET GRADE OF 42".
3. PLUMBER SHALL REMOVE PLUG AND CONNECT TO 2-WAY CLEANOUT. NO CONNECTION TO CLEANOUT STACK IS ALLOWED.



CITY OF AUSTIN  
AUSTIN WATER

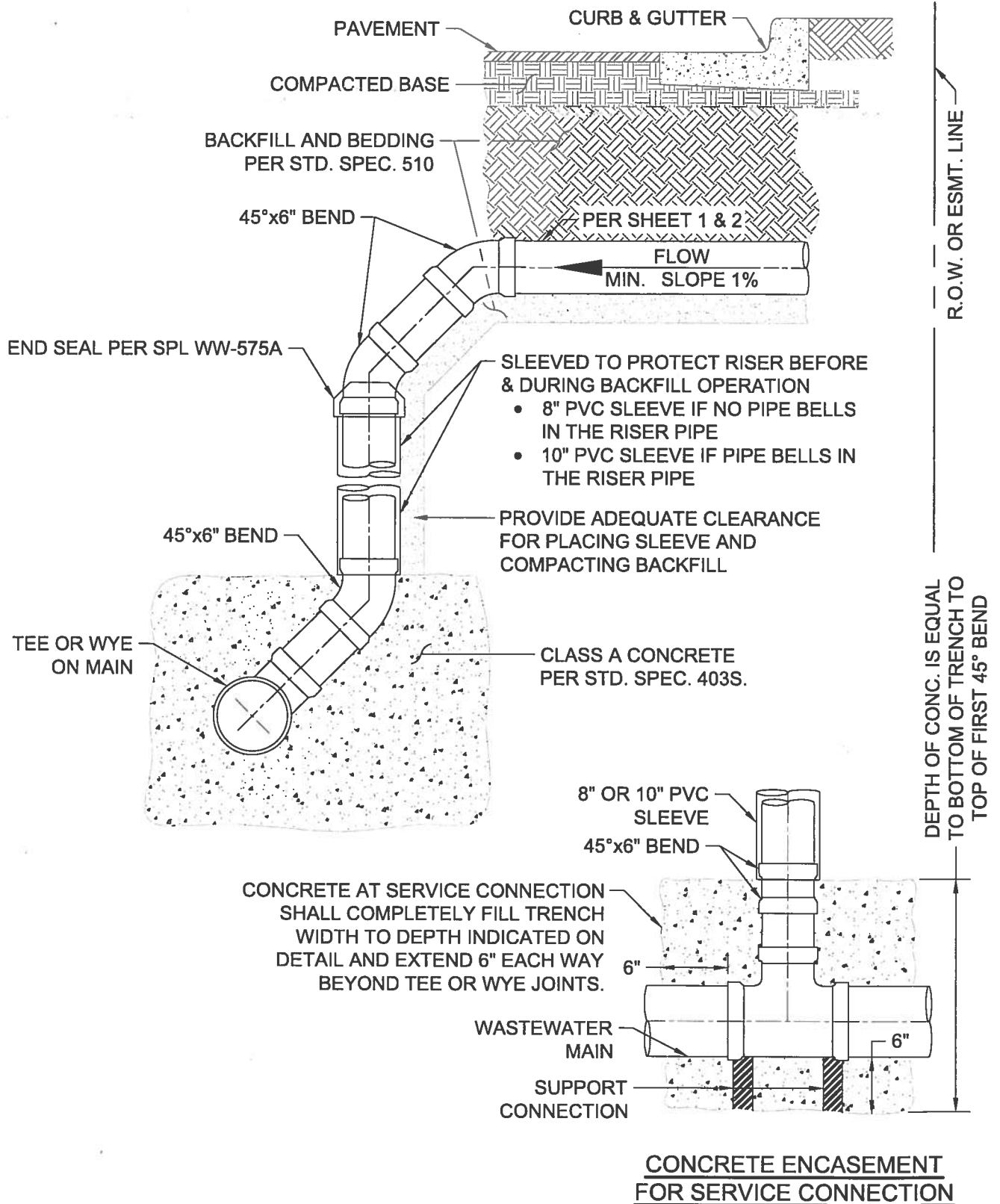
SINGLE AND DOUBLE WASTEWATER  
SERVICE CONNECTION

DRAFT 02/02/18

ADOPTED

THE ARCHITECT/ENGINEER ASSUMES  
RESPONSIBILITY FOR APPROPRIATE  
USE OF THIS STANDARD.

STANDARD NO.  
**520-AW-01**  
2 OF 4

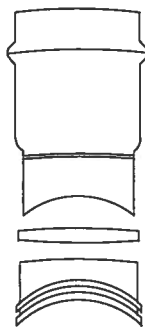
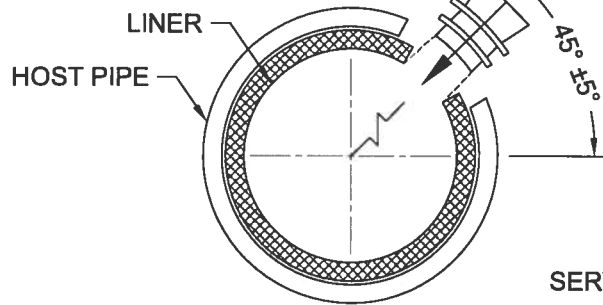


### DEEP SERVICE CONNECTION

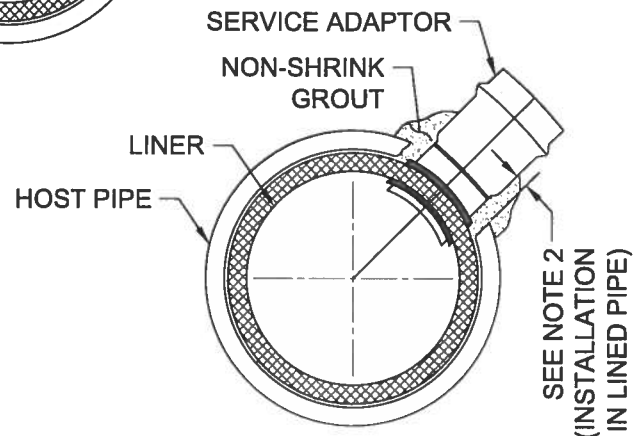
CITY OF AUSTIN AUSTIN WATER	SINGLE AND DOUBLE WASTEWATER SERVICE CONNECTION	
DRAFT 02/02/18	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. <b>520-AW-01</b> 3 OF 4

ADOPTED

SERVICE ADAPTOR CONSISTING OF SINGLE-BODY GASKETED BELL HAVING SDR 26 PVC HUB, RUBBER SLEEVE AND STAINLESS-STEEL BAND. SEE SPL WW-227D & DETAIL "A"



**DETAIL "A"**



**DETAIL "B"**

**INSTALLATION IN LINED PIPE:**

1. MARK LOCATION OF TAP.
2. BREAK & REMOVE HOST PIPE SO THAT OPENING IS AT LEAST 2" BUT NO MORE THAN 3" WIDER THAN DIAMETER OF THE SERVICE ADAPTOR.
3. DO NOT DAMAGE LINER.
4. CORE HOLE THROUGH LINER USING ADAPTOR MANUFACTURER RECOMMENDED BIT.
5. INSTALL SERVICE ADAPTOR.
6. HOLES CUT IN HOST PIPE SHALL BE PACKED WITH NON-SHRINK GROUT (ASTM C1107 GRADE). SEE DETAIL "B"

**NOTES:**

1. USE ONLY TO TAP EXISTING LINED PIPE.
2. SEE APPROPRIATE STD. FOR SERVICE LINE INFORMATION.
3. THE EDGE OF THE CORE HOLE MUST BE AT LEAST 3' FROM THE ENDS OF THE PIPE, ANY OTHER CORE SERVICE CONNECTIONS, AND ANY FITTINGS.
4. FOR DEEP SERVICE APPLICATIONS SEE SHEET 3 OF 4, EXCEPT SUBSTITUTE A CORED HOLE, AND SERVICE ADAPTOR FOR THE TEE OR WYE.
5. SERVICE CONNECTIONS TO MANHOLES MUST BE MADE USING A PIPE-TO-MANHOLE CONNECTOR WHICH LIMITS THE PIPE SLOPE INTO THE MANHOLE TO 12% MAX.

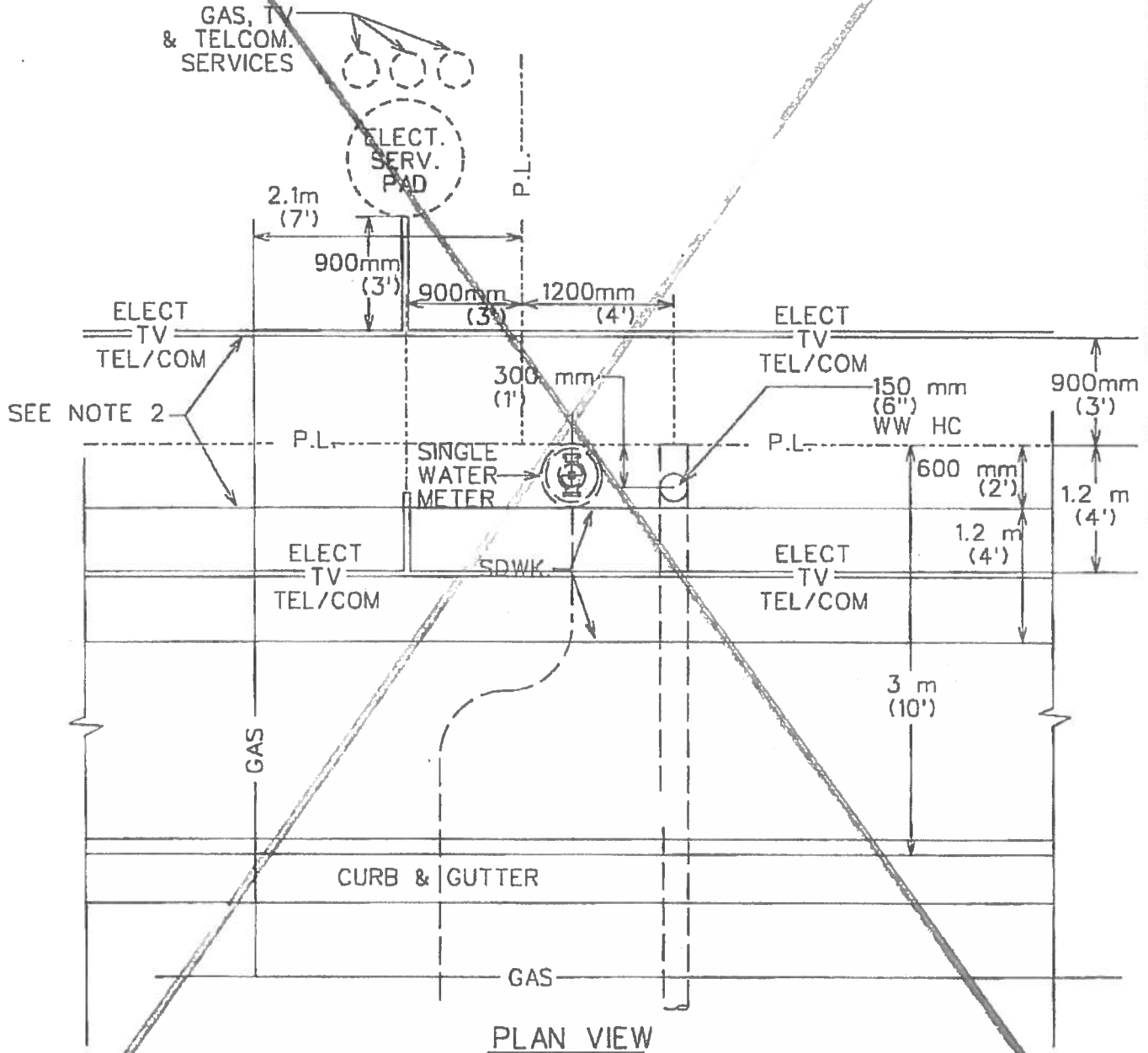
**6" WASTEWATER CONNECTION TO EXISTING LINED MAIN**

CITY OF AUSTIN AUSTIN WATER	SINGLE AND DOUBLE WASTEWATER SERVICE CONNECTION	
DRAFT 02/02/18  ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. <b>520-AW-01</b> 4 OF 4



NOTES:

1. NO OTHER UTILITY SHALL BE PLACED AT THE SAME LOT LINE WITH WATER AND WASTEWATER SERVICES.
2. ALTERNATE LOCATION TO BE DETERMINED BY AUSTIN ENERGY. THE LOCATION OF THE TV CABLE LINE SHALL BE DETERMINED BY THE ENGINEER OR THE DESIGNATED REPRESENTATIVE SO THAT IT DOES NOT CONFLICT WITH WATER AND WASTEWATER SERVICE LINES.
3. ON SINGLE WATER AND WASTEWATER SERVICES, OTHER UTILITIES SERVICES SHALL BE PLACED OPPOSITE THE SAME LOT LINE. SINGLE SERVICE HOUSE CONNECTION & WATER SERVICE MAY BE LOCATED ON EITHER ONE SIDE OF THE LOT LINE OR THE OTHER.



CITY OF AUSTIN  
DEPARTMENT OF PUBLIC WORKS

TYPICAL SINGLE SERVICE UTILITY  
ASSIGNMENT DETAILS (TV,W,WW)

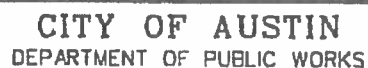
STANDARD NO.

THE ARCHITECT/ENGINEER ASSUMES  
RESPONSIBILITY FOR APPROPRIATE USE  
OF THIS STANDARD.

1000S-8B  
1 OF 4

1 OF 4

1. NO OTHER UTILITY SHALL BE PLACED AT THE SAME LOT LINE WITH WATER AND WASTEWATER SERVICES.
2. ALTERNATE LOCATION TO BE DETERMINED BY AUSTIN ENERGY. THE LOCATION OF THE TV CABLE LINE SHALL BE DETERMINED BY THE ENGINEER OR THE DESIGNATED REPRESENTATIVE SO THAT IT DOES NOT CONFLICT WITH WATER AND WASTEWATER SERVICE LINES.
3. OTHER UTILITIES SERVICES SHALL BE PLACED ON OTHER LOT LINE. HOUSE CONNECTION & WATER SERVICE LOCATIONS AT LOT LINE MAY VARY.

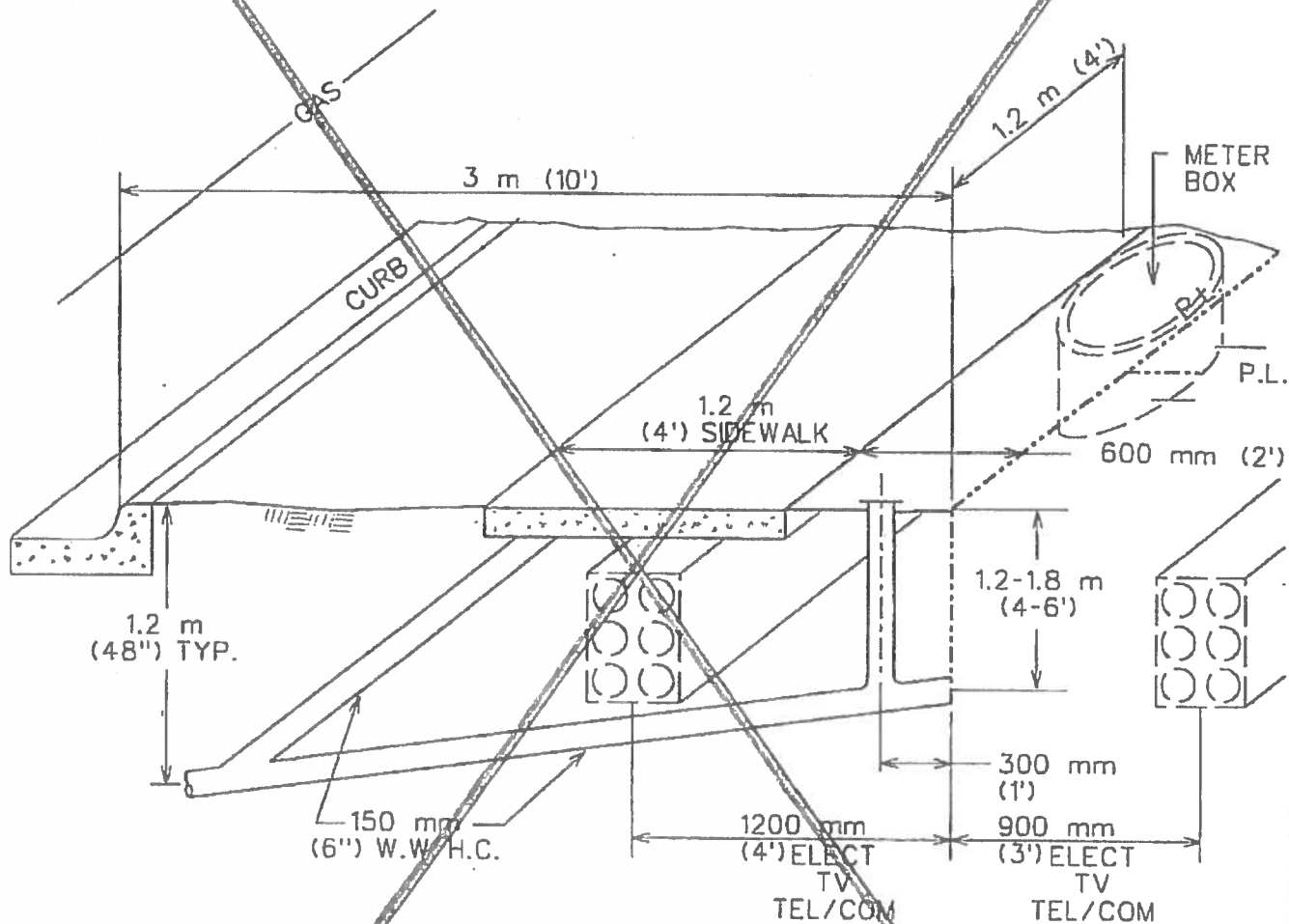


STANDARD NO.

1000S-85

2 OF 4

\*NO OTHER UTILITY SHALL BE PLACED AT THE SAME LOT LINE WITH WATER AND WASTEWATER SERVICES



### SECTION

CITY OF AUSTIN  
DEPARTMENT OF PUBLIC WORKS

TYPICAL UTILITY  
ASSIGNMENT DETAILS (TV, W, W.W.)

STANDARD NO.

1000S-8B

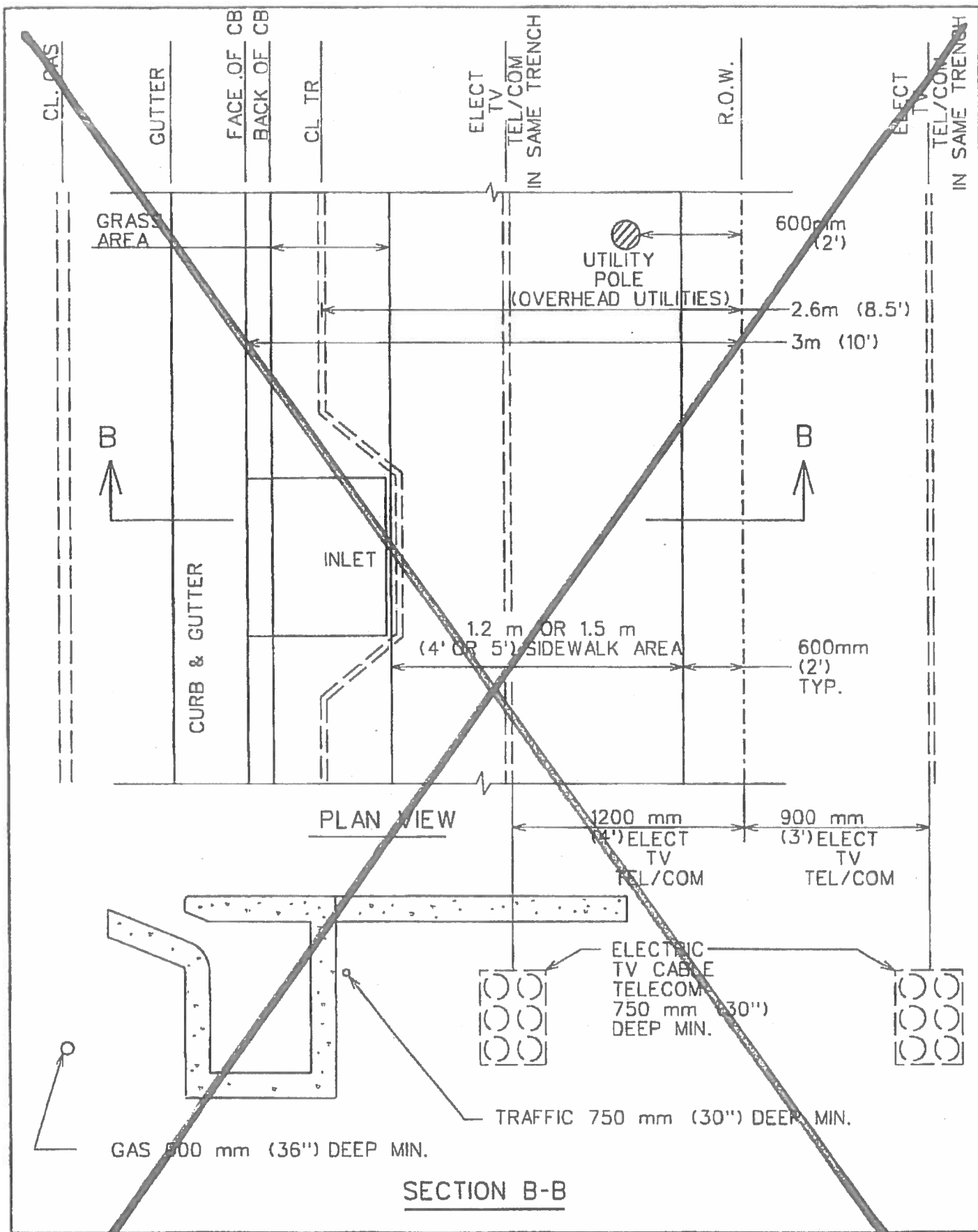
3 OF 4

THE ARCHITECT/ENGINEER ASSUMES  
RESPONSIBILITY FOR APPROPRIATE USE  
OF THIS STANDARD.

APPROVED

ADOPTED

*Bill Menden* 4/28/05



CITY OF AUSTIN  
DEPARTMENT OF PUBLIC WORKS

TYPICAL UTILITY  
ASSIGNMENT DETAILS (TV, W, WW)

STANDARD NO.

THE ARCHITECT/ENGINEER ASSUMES  
RESPONSIBILITY FOR APPROPRIATE USE  
OF THIS STANDARD.

1000S-8B

4 OF 4

APPROVED

ADOPTED