REMOVAL

**EXISTING MAIN**

**REMOVE EXISTING MAIN TO THE NEAREST JOINT IN COMPETENT PIPE SEE NOTE 2 FOR AC PIPE**

**REPLACEMENT FOR EXISTING PVC MAIN**

- **6" SDR 26 PVC PIPE (SERVICE)**
- **45° SDR BEND**
- **PVC WYE (GxGxG)***
- **REPAIR COUPLING (NO STOP 227B PULL FITTINGS) (GxG)***

**SDR 26 PVC PIPE (MAIN)**

- **G = GASKET CONNECTION**

**REPLACEMENT FOR EXISTING CONCRETE, CLAY, AND AC MAIN**

- **6" SDR 26 PVC PIPE (SERVICE)**
- **45° SDR BEND**
- **PVC WYE (GxGxG)***
- **SDR 26 PVC PIPE (MAIN)**
- **SEMI-RIGID (SHIELDED) TRANSMISSION COUPLING SPL WW-354**

**6" CONCRETE ENCASEMENT**

- **G = GASKET CONNECTION**

**SERVICE LINE TO PROPOSED PVC MAIN**

- **WASTEWATER MAIN**
- **WYE 45° BEND AT 2 O'CLOCK TO MAIN**

**NOTES:**

1. ALL 45° BENDS AND SANITARY WYE’S WILL BE ROTATED TO WHERE THE BRANCH IS AT 2 O'CLOCK TO THE MAIN.
2. BACKFILL PER 510S-S&L-SM
3. AC PIPE HAS TO BE REMOVED TO THE NEAREST JOINT BEYOND COMPETENT PIPE.
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 (SPL WW-704A). SEE DETAIL "B"

**NOTES:**

1. USE ONLY TO TAP EXISTING LINED PIPE OR EXISTING TRANSITION MAIN.
2. 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.

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

REFERENCES
DETAIL 510S-S&L-SM

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<tr>
<th>The City of San Marcos Engineering and Capital Improvements</th>
<th>WASTEWATER CONNECTION ON EXISTING MAIN</th>
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<td>RECORD COPY SIGNED BY: 6/1/2018 LAURIE MOYER, P.E. ADOPTED</td>
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