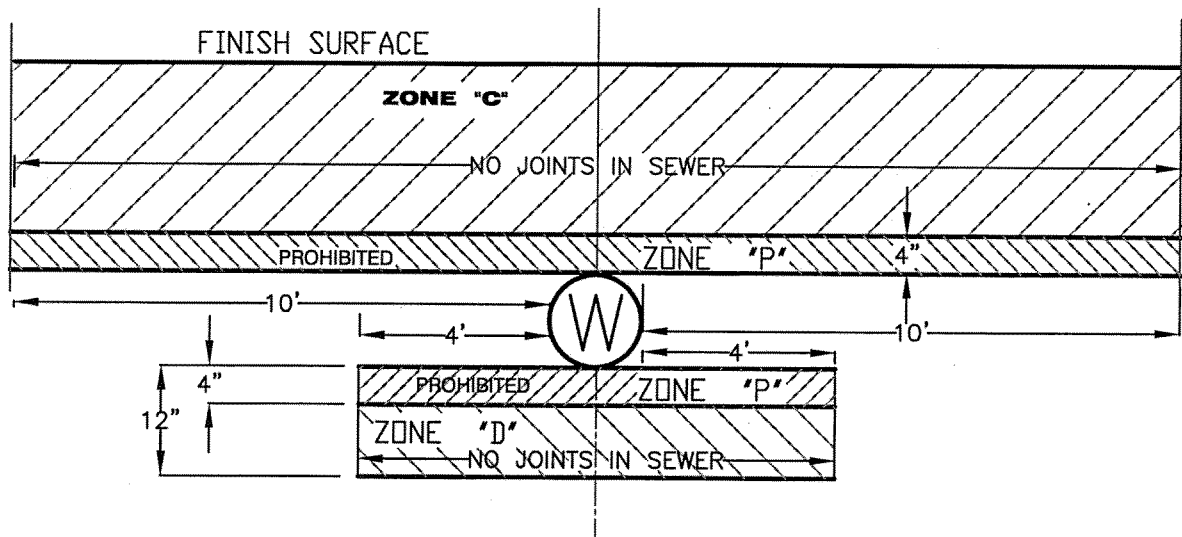


## PARALLEL CONSTRUCTION



## CROSSINGS

### WATER STANDARD



DRAWN: NGUYEN BUI

DATE: 04-05-2001

SCALE: AS SHOWN

### WATER AND SEWER SEPARATION

APPROVED: *Chet Anderson* 4 0 3 3 0 03/22/05  
ASSISTANT DIRECTOR - WATER OPERATIONS RCE NO. DATE

DWG. NO.

**W - 16**

SHEET  
**1 OF 2**

PARALLEL CONSTRUCTION

- Zone P Prohibited.
- Zone A Sewer lines parallel to water mains shall not be permitted in this zone without approval from the responsible health agency and water supplier.
- Zone B A sewer line placed parallel to a water line shall be constructed of Cast or ductile iron pipe with compression joints.

CROSSING CONSTRUCTION

- Zone P Prohibited.
- Zone C A sewer line crossing a water main shall be constructed of Ductile Iron pipe with hot dip bituminous coating and mechanical joints.
- Zone D A sewer line crossing a water main shall be constructed of a continuous section of ductile iron pipe with hot dip bituminous coating.

Lateral sewer: The above special constructions apply to the house laterals that cross above a pressure water main but not to those that cross below pressure water main.

Sewer force main: Shall not be installed in all zone A,B,C,D,P and all portions of the sewer within ten feet of the water main shall be enclosed in a continuous sleeve.

When special conditions exist, an approval from the responsible health agency and water supplier is required.

**WATER STANDARD**



**DRAWN:** NGUYEN BUI

**DATE:** 04-05-2001

**SCALE:** AS SHOWN

**WATER AND SEWER SEPARATION**

APPROVED: *Chet Anderson* 40330 03/22/05  
 ASSISTANT DIRECTOR - WATER OPERATIONS RCE NO. DATE

**DWG. NO.**

**W - 16**

**SHEET  
2 OF 2**