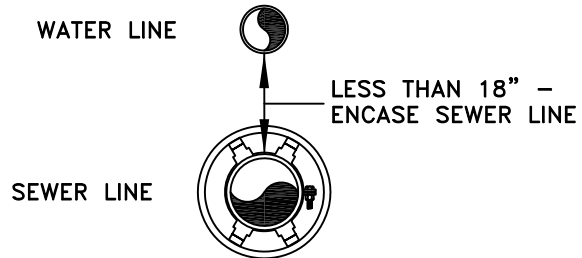
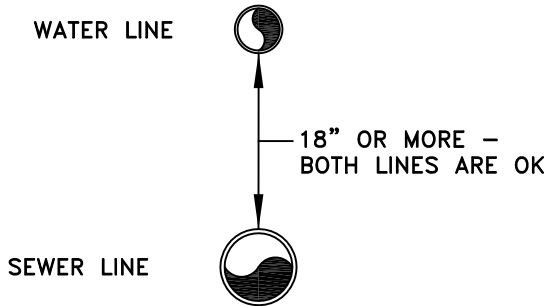


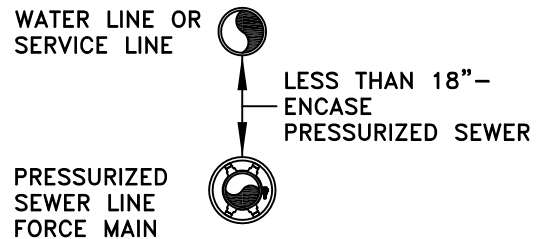
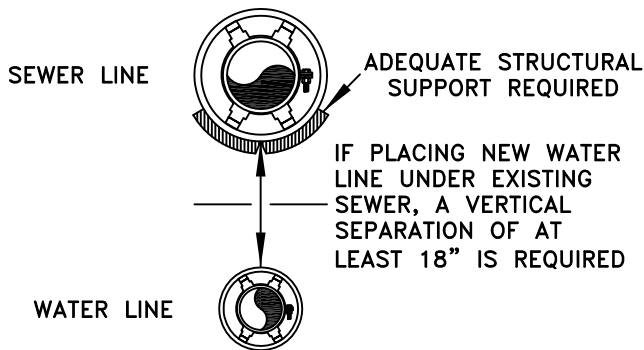
VERTICAL SEPARATION



GRAVITY SEWER PASSING UNDER WATER LINES

IF MORE THAN 18" INCHES

IF LESS THAN 18" INCHES



PRESSURIZED SEWER LINES UNDER WATER LINES

AT NO TIME SHALL A PRESSURE SEWER BE
INSTALLED OVER THE WATER MAIN OR SERVICE

GRAVITY SEWER PASSED OVER
WATER LINE
OR
WATER LINES PASSING UNDER
GRAVITY SEWERS LINES

ENCASE BOTH WATER AND SEWER

CITY OF TUMWATER, WASHINGTON
DEPT. OF PUBLIC WORKS

SEPARATION SPECIAL REQUIREMENTS DETAIL

APPROVED BY:

DWG. NO.

CITY ENGINEER

WA-7.1

DES.
PW

DWG. BY
PW

CK'D BY
KMC

DATE
JULY 2014

NOT TO
SCALE