



WATTS MODEL 919
REDUCED PRESSURE ZONE
ASSEMBLY

HOT BOX HB2ST
WITH HEAT

58" x 24" x 12" THICK
CONCRETE PAD

FINISH GRADE

FLOW →

THREADED 90° ELBOW (TYP)

THREADED HARD DRAWN
COPPER PIPE (TYP)

919AGF AIR GAP DRAIN

1 1/4" SCH. 40 PVC DRAIN

12" #57 CR. ST.
BENEATH PAD

THREADED COUPLING
FOR TRANSITION TO
MUNICIPEX AS
NECESSARY

NOTES:

BACKFLOW PREVENTION DEVICE TO BE UTILIZED IS BASED ON TYPE:

1. OF FACILITY OR STRUCTURE. REFER TO LCWSA POLICIES AND PROCEDURES FOR DETAILS.
2. RPZ ASSEMBLY MAY BE INSTALLED WITHIN BUILDING OR STRUCTURE HOWEVER NO CONNECTIONS TO THE WATER LINE MAY BE MADE BETWEEN THE METER AND THE BACKFLOW PREVENTER.
3. AC POWER WILL BE REQUIRED FOR ENCLOSURE HEAT.

1-2 INCH BACKFLOW PREVENTER DETAIL

N.T.S.



CITY OF PORTLAND
DEPARTMENT OF UTILITIES - WATER
STANDARD WATER DETAILS

REVISION NO: 2
DATE:06/05/2024

W-17