

EXPOSED PIPE MATERIAL SHALL BE PAINTED WITH
SHERWIN WILLIAMS INDUSTRIAL ENAMEL VOC B54Z SERIES
IN BONNEY LAKE COLOR 8610-14514 T/M WATER BLUE

VALVE MARKER POST PER DETAIL W24

METER BOX PER DETAIL W1

2" HDPE SDR7 (200 PSI)
W/ 4" PVC SCH-40 CASING

TRACER WIRE
(SEE NOTES)

2" BEEHIVE STRAINER WITH
FINE MESH SCREEN

2" OPEN PATTERN
RETURN BEND

FINISHED GRADE

VALVE BOX, SEE
DETAIL W16

GATE VALVE

2" BRASS
SWING JOINT
SLOPE

2" BRASS
PIPE (12"
MAX
LENGTH)

2" NIPPLE
& UNIONS

BEDDING AND BACKFILL
MATERIAL PER WSDOT 7-09.3(9)

DOUBLE STRAP SERVICE
CLAMP W/ 2" CORP STOP

DUCTILE IRON WATER MAIN

2"x90° ELL
UNION

2" GALV.
IRON PIPE
SLOPE

FILTER
FABRIC

2, 2" x 90° ELL
GALV WITH WEEP
HOLE IN ONE ELL

1½" WASHED ROCK

2" AIR & VACUUM RELEASE
VALVE, "APCO" OR CITY
APPROVED

2" BRASS SWING JOINT

UNDISTURBED EARTH

NOTES:

1. GATE VALVE: AWWA RESILIENT SEAL, FIPT x FIPT WITH 2" OPERATING NUT.
2. TAP MAIN AT SYSTEM HIGH POINT. LOCATION TO BE APPROVED BY THE CITY.
3. PIPING FROM WATER MAIN TO GATE VALVE SHALL BE 2" BRASS UP TO 12" AND 2" PEP FOR LENGTHS GREATER THAN 12".
4. CONNECTIONS BETWEEN PE PIPE AND IRON PIPE THREAD SHALL BE WITH FORD COUPLING C86-77-IDR7-NL WITH STAINLESS STEEL STIFFENER.
5. TRACER WIRE SHALL BE 10 GAUGE INSULATED SOLID CORE COPPER. STRIP 6" OF INSULATION OFF END A. STRIP 12" OF INSULATION OFF END B AND WRAP AROUND SADDLE ASSEMBLY BOLT (RUN INSIDE 4" PVC CASING WHERE APPLICABLE).

Approved:

City Engineer

November 20, 2019

Date

WATER STANDARD DETAIL

City of
BONNEY
Lake

Dwg No:

W14

**AIR AND VACUUM
RELEASE ASSEMBLY**