

CARSON SPEC. GRADE 910
ROUND BOX WITH BOLT
DOWN T LID (GREEN), OR
APPROVED EQUAL

8" DIA. SCH 40 PVC
RISER, LENGTH AS
REQUIRED

6" DEPTH $\frac{3}{8}$ " GRAVEL
BACKFILL FOR
DRAINS PER
WSDOT 9-03.12(4)

(2) PAVING
BRICKS

2" MUELLER MARK II
ORISEAL CURB VALVE,
CENTERED WITHIN
RISER

2" BRASS PIPE FROM METER

2" BRASS T x T UNION,
TO LOOSEN OUTWARD
AWAY FROM VALVE
(BOTH SIDES)

2" BRASS NIPPLE
(BOTH SIDES)

NOTCH RISER AS
NECESSARY TO FIT
CLEANLY OVER NIPPLE

FINISH GRADE TO BE 1",
OR SPECIFIED DEPTH OF
MULCH PLUS 1", BELOW
TOP OF VAULT AND BOX

2" BRASS
PIPE

1 CUBIC FOOT DRY SUMP
LINED WITH FILTER FABRIC
AND FILLED WITH $\frac{3}{8}$ " GRAVEL
BACKFILL FOR DRAINS
PER WSDOT 9-03.12(4)

FOGTITE MODEL #25TA CONCRETE VAULT WITH
ADJUSTABLE LOCKING METAL LID

WILKINS 950 XLT2 DOUBLE CHECK BACKFLOW
PREVENTER WITH BUILT IN UNIONS

1" BUCKNER QB5 LRC-10 QUICK
COUPLING VALVE

1" BRASS CLOSE NIPPLE

2"x2"x1" BRASS TEE

2" BRASS CLOSE
NIPPLES

2" BRASS 90
(BOTH SIDES)

2"x12" BRASS
NIPPLE (BOTH SIDES)

2" BRASS 90
(BOTH SIDES)

24" MIN.
36" MAX.

2" BRASS PIPE TO MASTER VALVE & FLOW SENSOR

GROUT OPENINGS,
TYP.

40 MIL. PVC
TAPE AT GROUTED
OPENINGS, TYP.

COMPACT NATIVE SOIL

6" DEPTH $\frac{5}{8}$ " CRUSHED
AGGREGATE PER WSDOT
9.039(3) COMPACTED
TO 95% DENSITY

1 CUBIC FOOT DRY SUMP
LINED WITH FILTER FABRIC
AND FILLED WITH $\frac{3}{8}$ " GRAVEL
BACKFILL FOR DRAINS
PER WSDOT 9-03.12(4) AT
BOTH ENDS OF VAULT UNDER
WEEP HOLES, OR PLUMB TO
NEAREST DRAIN



City of
Bellevue

TITLE:

IRRIGATION - DOUBLE CHECK VALVE ASSEMBLY
IN VAULT

DRAWING #:	PK-IR-02B
SCALE:	N.T.S.
REVISION DATE:	01-2019
DEPARTMENT:	PARKS