



INSULATED POUCH CUSTOM
24" WIDE X 34" TALL

2" X CLOSE
BRASS NIPPLE

20" W X 20" D X 36" H.
FIBERGLASS ENCLOSURE

1-2" X 3/4" TEE 1-3/4" X
CL NIPPLE 1-3/4" FM
FAUCET

STANDARD
VALVE BOX

MIN. 30" TRACER
WIRE TAIL

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12 GAUGE COATED
BLUE COPPER TRACER
WIRE. STRAP TO PIPE.
(10' SPACING MAX)

BALL VALVE
TYPE CORP
STOP

2" HDPE OR
COPPER PIPE

2" GATE VALVE RESILIENT
WEDGE THREADED

12" x 12" x 4" CONCRETE
BLOCK -- CLASS B

BRASS
COMPRESSION
ADAPTER

2" CTS
HDPE PIPE

2" COMBINATION
AIR/VACUUM RELEASE
VALVE.

SWING ACCESS DOOR
SHALL OPEN TOWARDS
THE SIDEWALK.

2" BRASS UNION

LOCK HASP

2" HDPE OR
COPPER PIPE

COMPRESSION
FITTING

CONCRETE

7/8" ANCHOR BOLT
(TYP)

SIDEWALK

THE CONCRETE PAD SHALL BE
RECTANGULAR AND EXTEND AT
LEAST 6" BEYOND THE SIDES OF
THE CABINET AND A MINIMUM OF
2' IN FRONT OF THE DOOR

2" HDPE OR
COPPER PIPE

NOTES:

1. VALVE ASSEMBLY SHALL BE SET AT THE HIGH POINT OF THE LINE.
2. AIR/VACUUM RELEASE VALVE SHALL BE INSTALLED BEHIND THE SIDEWALK AT THE NEAREST PROPERTY CORNER AND NOT IN FRONT OF A RESIDENCE.
3. AIR/VACUUM RELEASE VALVES SHALL BE 2" ARI D-040, OR APPROVED EQUAL, WITH THERMO PROTECTION ENCASUREMENT.
4. ALL FITTINGS AND PIPING SHALL BE DOMESTIC BRASS.
5. INSULATED POUCH SHALL BE DEKORRA PRODUCTS PART NO. 610 OR APPROVED EQUAL. INSTALL THE INSULATED POUCH OVER THE AIR/VACUUM RELEASE VALVE ASSEMBLY UNIT TO PROTECT IT FROM FREEZING.
6. CONCRETE SHALL BE 3000 PSI COMMERCIAL GRADE.
7. ALL PIPE, VALVES AND FITTINGS SHALL HAVE A 200 PSI PRESSURE RATING MIN.
8. AIR/VACUUM RELEASE VALVE ENCLOSURE SHALL BE HOT BOX-VENT GUARD MODEL #AVG2036, BEIGE EXTERIOR, FIBERGLASS OR APPROVED EQUAL.

N.T.S.



2" AIR/VACUUM RELEASE VALVE

STANDARD PLAN NO.

KW-110-21

CITY OF KELSO
DEPARTMENT OF
COMMUNITY DEVELOPMENT
& ENGINEERING

CITY ENGINEER APPROVAL: Michael Kardas, P.E.

DATE:

MAY 2021

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