



C.I. FRAME AND COVER DOBNEY C-39
INSULATE BASE OF LID WITH EXPANDING
POLYURETHANE FOAM

ROAD SHOULDER ROAD

1050 ϕ MIN.
MIN 1.20m
MIN 1.50m

INSULATION
0.9 m MIN

CURB BOX
CURB STOP
90° BEND
CORP STOP

DRAIN VALVE
ISOLATION VALVE

1% MIN

PIPE SUPPORT

DOUBLE STRAP
SERVICE SADDLE

COMBINATION AIR VALVE
VACUUM VALVE ASSEMBLY

INSULATE OUTER SURFACE
OF MANHOLE WITH
EXPANDING POLYURETHANE
FOAM 50mm MIN

HORIZONTAL BRACING TO
BE APPROVED BY GVW

PROVIDE 75mm X 50mm
SLOT IN BARREL SIDE TO
ENSURE POSITIVE
DRAINAGE. MIN 2 PLACES.

1.0 CUBIC METERS OF
25mm CLEAN DRAIN ROCK
MINIMUM

UNDISTURBED SUBGRADE

- NOTE:
1. AN UNDERGROUND VAULT MAY BE SUBSTITUTED FOR THE MANHOLE WHERE APPLICABLE. GVWU TO APPROVE VAULT PRIOR TO INSTALLATION.
 2. AIR VALVE CHAMBER TO BE LOCATED OFF MAIN TRAVELLED PORTION OF THE ROADWAY AS APPROVED BY THE MUNICIPAL ENGINEER.

REGIONAL DISTRICT
OF NORTH OKANAGAN

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TITLE		AIR VALVE CHAMBER	
DATE	MAY 2014	SCALE	N.T.S.
DRAWING No.		RDNO-01	
REV.		5	