

HEAVY WALL STAINLESS
STEEL NIPPLES c/w
STAINLESS STEEL BALL
VALVES AND PIPING
(50 MINIMUM)

BUTTERFLY VALVE FULL
BODY, FUSION BONDED
EPOXY COATED TO AWWA
C550 c/w GEARED
OPERATOR. (HEAVY DUTY)
OR AS APPROVED

50 DRAIN HOLE TO 0.5m³
MINIMUM DRAIN ROCK EACH SIDE
SEE NOTES 5

SLOPE
TO
DRAIN
(TYP)

RESTRAINED SLEEVE COUPLING

MANHOLE OPENING FOR ACCESS
AS PER DRAWING SS1

450 MINIMUM
SEE NOTE 2

SECTION A-A

ROBAR TYPE VALVE BOX
ROAD PAVEMENT

INSULATED, BOLTED DOWN, AND RUBBER
GASKETED MANHOLE FRAME AND COVER
MARKED 'WATER' AS SHOWN ON DRAWING
SW6/SW7

STYROFOAM SM INSULATION
50 THICK AROUND MANHOLE

150 PVC RISER

1600

200 MINIMUM
SEE NOTE 3

A

A

GROUT

WATERMAIN (350 MINIMUM)
VALVE SUPPORT (TYPICAL)
MINIMUM 100 GRANULAR
BEDDING COMPACTED
TO 95% MODIFIED PROCTOR
DENSITY

PIPE SUPPORT

- NOTES:
1. PRECAST BASES APPROVED BY CONTRACT ADMINISTRATOR ARE ACCEPTABLE.
 2. ALL COMPONENTS TO MEET ALL APPLICABLE WORKSAFE BC GUIDELINES.
 3. CONCRETE TO BE MINIMUM 28 MPa, TYPE 50 OR AS SPECIFIED OTHERWISE ON CONTRACT DRAWINGS.
 4. REFER TO CONTRACT DRAWINGS, SECTION 33 11 01, 03 20 01 AND 03 30 53 FOR DETAILED SPECIFICATIONS.
 5. PROVIDE DRAIN PIPE CONNECTED TO STORM SYSTEM c/w BACKWATER VALVE AND 300x300x400 DEEP SUMP WHENEVER POSSIBLE AND AS DIRECTED BY CoK.

NOT TO SCALE

No.	DATE	REVISION DESCRIPTION	BY	APP
6	JUL2025	REVIEWED AND UPDATED 2025	VHN	JDh
5	NOV2024	REVIEWED AND UPDATED 2024	VHN	JDh
4	APR2022	REVIEWED AND UPDATED 2022	IP	JDh
3	JAN2019	REVIEWED AND UPDATED 2019	DAR	JDh

BUTTERFLY VALVE CHAMBER



Canada's Tournament Capital

REV. No. 6
DWG. No. SW11