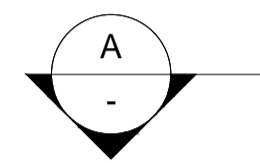


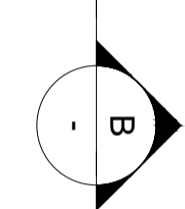


300MM TYCO RESILIENT SEATED GATE VALVE (OR EQUIVALENT)



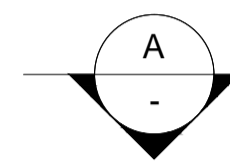
FLOW
525MM (MIN)

AWMA TYPE SIDEWINDER PENSTOCK TYPE B (OR EQUIVALENT)



TWIN CHAMBER OUTFALL PIT PLAN VIEW

FLOW



STEP IRONS (REFER 7251/08/416)

35 X 35 SPINDLE CAP (GATE VALVE)

FLAT PIPE GRILLS ARRANGEMENT (REFER 7251/08/423)

AWMA TYPE SIDEWINDER PENSTOCK TYPE B (OR EQUIVALENT)

35 X 35 SPINDLE CAP (GATE VALVE)

Q100

TEDD

NWL

300MM TYCO TYPE RESILIENT SEATED GATE VALVE (OR EQUIVALENT)

STEEL REINFORCEMENT TO STRUCTURAL ENGINEERS SPECIFICATION PLACED CENTRALLY

AWMA TYPE SIDEWINDER PENSTOCK TYPE B (OR EQUIVALENT)

TWIN CHAMBER OUTFALL PIT SECTION B-B

TWIN CHAMBER OUTFALL/HIGH FLOW BYPASS PIT

NOTE:

- REFER TO 7251/12/006 FOR ADDITIONAL PIT DETAIL (VALVE CLEARANCE, COMPONENT LABELS, DIMENSIONS ETC.).
- PIPE IS TO BE SIZED BY DESIGNER TO CONVEY Q100 AND EDD.
- 625MM SIDEWINDER NOTCH SHOULD TYPICALLY BE ADOPTED FOR CATCHMENTS >60HA.
- PIT LID TO BE FLUSH WITH FINISH SURFACE LEVEL.
- PIT LID TO BE IN ACCORDANCE WITH AS1650.
- PIT LID DESIGNED TO SUIT PIT LID.
- THE LENGTH OF PIPE BETWEEN THE SUBMERGED OFFTAKE PIT CONNECTING INTO THE TWIN CHAMBER OUTFALL PIT MUST BE WATERTIGHT IN ACCORDANCE WITH AS/NZS4058.2007. PIPE MUST BE RUBBER RING JOINTED WITH A SEAL ABLE TO MEET 90kPa OF PRESSURE AND CONTAIN LIFTING LUGS (NO LIFTING HOLES).
- WHERE THE FRONT OF THE PIT CANNOT BE 100MM ABOVE TEDD, THE OFFTAKE PIPE CAPACITY MUST BE INCREASED TO COMPENSATE.

Q100

TEDD

NWL

100mm (MAX)

1 IN 5

1 IN 3

1 IN 8

FLOW
525MM (MIN)

OFFTAKE PIPE UNDER HEAD

300mm

900 x 900 TAPERED CAST INSITU SUBMERGED OFFTAKE PIT (REFER 7251/12/35)

40 X 40 TAPERED SIDE WINDER PENSTOCK SPINDLE CAP

SPINDLE EXTENSION
35 X 35 GATE VALVE

FLOW

TWIN CHAMBER OUTFALL PIT SECTION A-A

**CONCEPT ONLY
NOT TO SCALE**

									TITLE OUTFALL EXAMPLE TYPE 4 TWIN CHAMBER OUTFALL PIT SHEET 2 OF 2		
DRAFTER		DESIGNER		DESIGN MANAGER APPROVAL		PROJECT MANAGER APPROVAL			PROJECT DATUM		
DRAFTING CHECK		ENGINEERING REVIEW							Original Size MELBOURNE WATER CORPORATION 7251/12/4015 MWC DRAWING NUMBER		
REV		DESCRIPTION		COMPANY		PROJECT OR WO NUMBER		DRAWN		DATE	
				MW				MK		23/01/19	