



TO BE COMPLETED BY CUSTOMER / CONTRACTOR

COMPANY :	P.O. NUMBER :
SITE ADDRESS :	
SITE CONTACT & PHONE :	
PREFERRED DELIVERY DATE (TBC SW360) :	
FILTER REFERENCE (IF APPLICABLE) :	LID LEVEL (INPUT REQUIRED) :
IN / OUT PIPE DATA: DIA : DN525 (max)	IL : MATERIAL :
COMPLETED BY :	SIGNED : DATE :

GENERAL NOTES

- MANHOLE COMPONENTS AND CONCRETE LID FITTED WITH SWIFTLIFT ANCHOR POINTS. SPREADER BAR RECOMMENDED FOR MANHOLE LIFTS.
- UNIT SUPPLIED WITH INLET AND OUTLET HOLES CORE DRILLED.
- SEALING / GROUTING OF MANHOLE COMPONENTS AND PIPES BY CONTRACTOR. ENSURING LOCAL CODES AND REGULATIONS ARE COMPLIED WITH.
- ANY RISERS REQUIRED TO INCREASE THE DEPTH TO INVERT (DTI) FROM THAT AS DRAWN TO BE SUPPLIED BY THE CONTRACTOR.
- FOR A DTI EXCEEDING 3m PLEASE CONTACT **0800STORMWATER**.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT DEVICE FROM CONSTRUCTION RELATED EROSION RUNOFF.
- BACKFILL, BEDDING AND BUOYANCY DESIGN BY ENGINEER OF RECORD.
- CONCRETE MANHOLE RISERS ARE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH AS/NZS 4068 : 2007
- CONCRETE MANHOLE BASES ARE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH NZS 3101 : 2006 & NZS 3109 : 1997
- CONCRETE LID DESIGNED AND MANUFACTURED TO HN-HO-72
- FOR REQUIREMENTS OUTSIDE OF DRAWING SPECIFICATIONS PLEASE CONTACT **0800STORMWATER**.

DESIGN NOTES - VC70 (OFF-LINE)

- WATER QUALITY FLOW THROUGH THE VORTCAPTURE IS A FUNCTION OF TREATMENT REQUIREMENTS (POLLUTANT SIZE), DEVICE LOCATION AND TREATMENT AREA. PLEASE CONTACT **0800STORMWATER** FOR ASSISTANCE IN SELECTING THE MOST SUITABLE SIZE.
- MAXIMUM HYDRAULIC TREATMENT CAPACITY OF THE VC70 IS **185 L/s**.
- NO PEAK FLOW TO BE PASSED THROUGH THIS OFF-LINE CONFIGURED DEVICE. AN UPSTREAM BYPASS STRUCTURE IS REQUIRED. REFER TO THE ON-LINE CONFIGURED OPTION TO ACCOMMODATE PEAK FLOWS. CONTACT **0800STORMWATER** FOR DESIGN CLARIFICATION / ASSISTANCE.
- CUSTOM DESIGNS AVAILABLE TO SUIT SITE SPECIFIC CONSTRAINTS. CONTACT **0800STORMWATER** FOR ASSISTANCE.
- 90 DEGREE ORIENTATION AND REVERSE FLOW DIRECTION AVAILABLE ON REQUEST.
- MIN DEPTH TO INVERT WILL BE GOVERNED EITHER BY A MINIMUM DISTANCE OF 300MM FROM CORE HOLE OUTSIDE TO RISER TOP, OR A MIN OF 50MM FROM TOP OF STAINLESS INTERNALS TO UNDERSIDE OF LID, WHICHEVER IS GREATER.

APPROX WEIGHTS

DN2050 X 2100 MHB (INCL INSERT): 5500 Kg
DN2050 X 2100 RISER (INCL INSERT): 3700 Kg
DN2050 CONCRETE LID: 2500 Kg

ELEVATION



0800 STORMWATER
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VORTCAPTURE™
GROSS POLLUTANT TRAP
VC70 / DN2050 / FOR OFF-LINE CONFIGURATION
GENERAL ARRANGEMENT
SCALE : N.T.S. DRG No : VC-MH-70-2050-OFF-20

JOB NO :	REV	REVISION DETAIL	DATE
PROJECT :	0	APPROVED	05/10/20
DRN : G.S.			
03/09/20			
CKD : K.J.			
28/09/20			