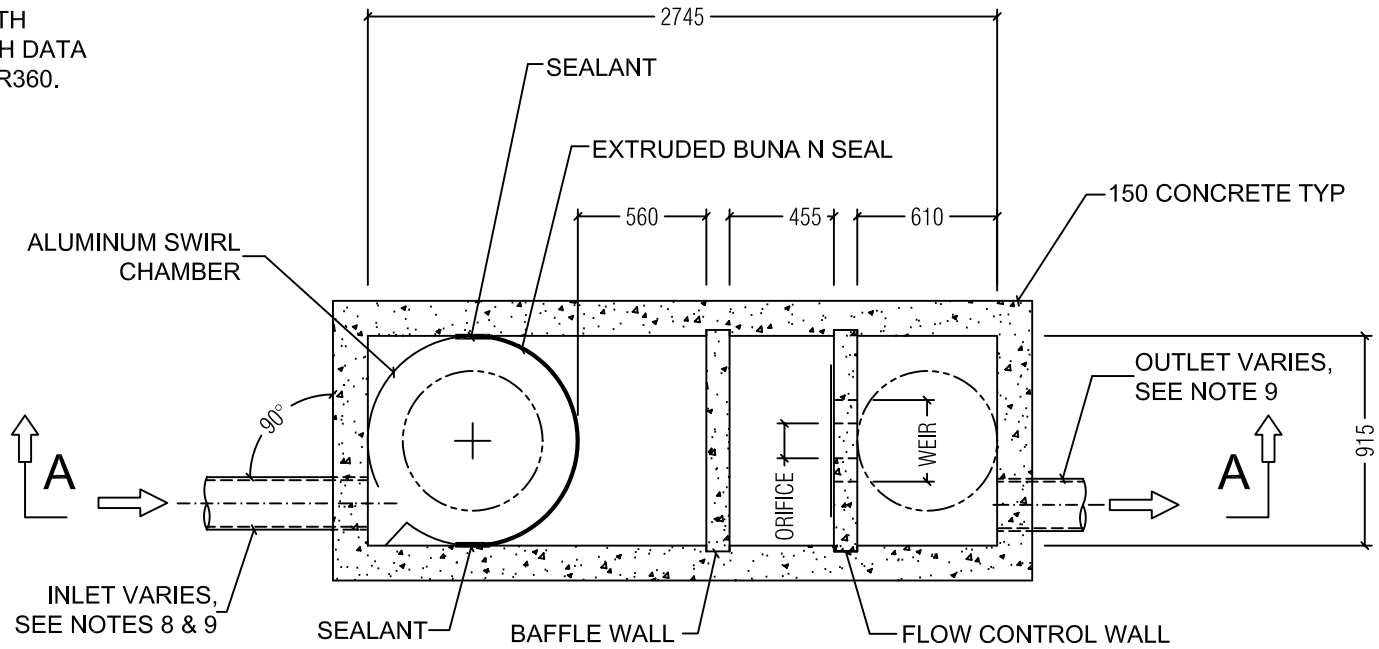
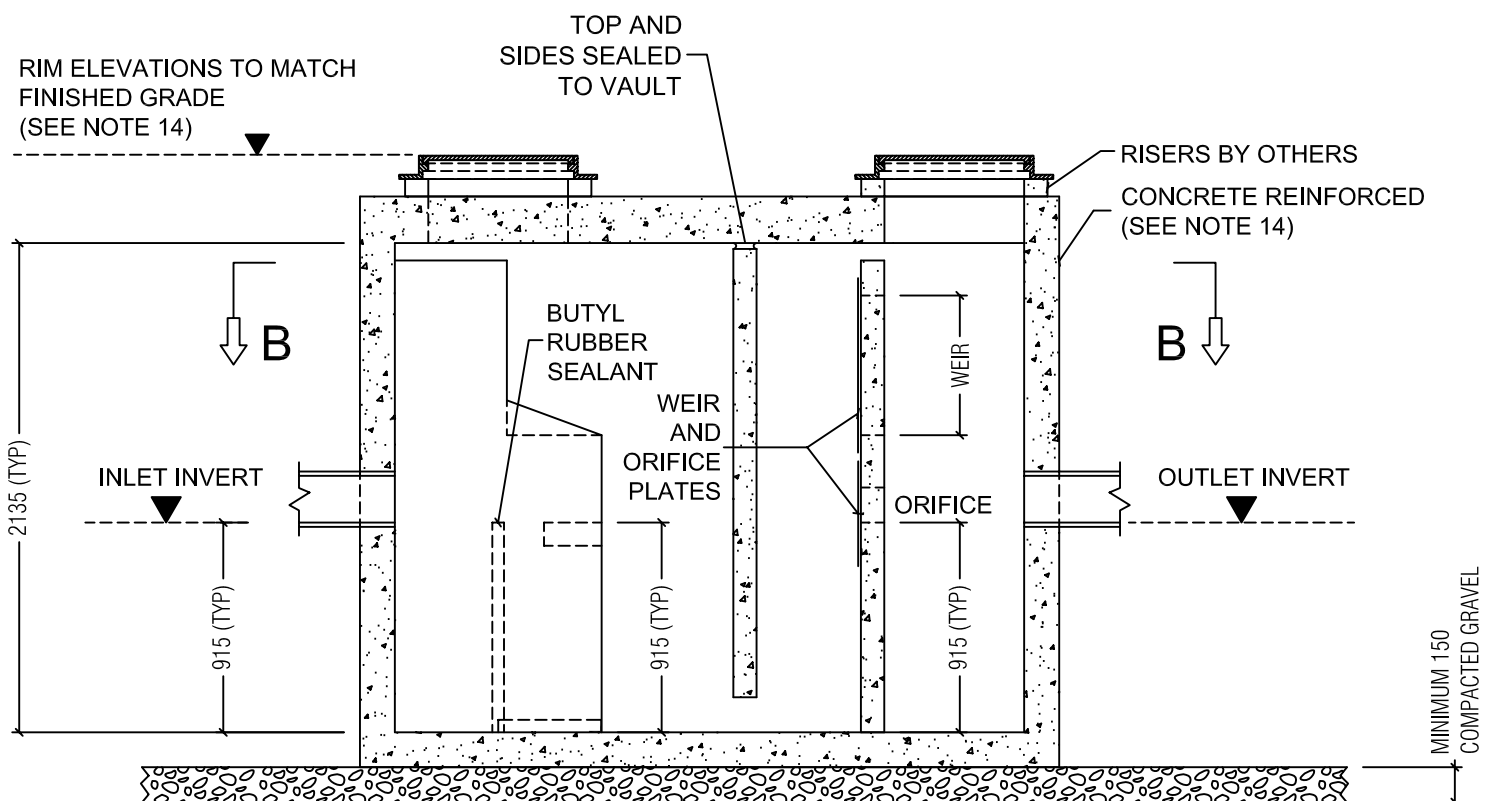


NOTE:
 VORTECHS SYSTEMS INSTALLED IN A BYPASS CONFIGURATION REQUIRE AN UPSTREAM DIVERSION STRUCTURE THAT SHALL BE DETAILED BY THE CONSULTING ENGINEER WITH ELEVATION AND WEIR WIDTH DATA PROVIDED BY STORMWATER360.



PLAN VIEW B - B



SECTION A - A

NOTES:

1. STORMWATER TREATMENT SYSTEM (SWTS) SHALL HAVE:
 PEAK TREATMENT CAPACITY: 45L/S
 SEDIMENT STORAGE: 0.54M3
 SEDIMENT CHAMBER DIA: 914 MM
2. SWTS SHALL BE CONTAINED IN ONE RECTANGULAR STRUCTURE
3. SWTS REMOVAL EFFICIENCY SHALL BE DOCUMENTED BASED ON PARTICLE SIZE
4. SWTS SHALL RETAIN FLOATABLES AND TRAPPED SEDIMENT UP TO AND INCLUDING PEAK TREATMENT CAPACITY
5. SWTS INVERTS IN AND OUT ARE TYPICALLY AT THE SAME ELEVATION
6. SWTS SHALL NOT BE COMPROMISED BY EFFECTS OF DOWNSTREAM TAILWATER

7. SWTS SHALL HAVE NO INTERNAL COMPONENTS THAT OBSTRUCT MAINTENANCE ACCESS
8. INLET PIPE MUST BE PERPENDICULAR TO THE STRUCTURE
9. PIPE ORIENTATION MAY VARY; SEE SITE PLAN FOR SIZE AND LOCATION
10. PURCHASER SHALL NOT BE RESPONSIBLE FOR ASSEMBLY OF UNIT
11. MANHOLE FRAMES AND PERFORATED COVERS SUPPLIED WITH SYSTEM, NOT INSTALLED
12. PURCHASER TO PREPARE EXCAVATION AND PROVIDE CRANE FOR OFF-LOADING AND SETTING AT TIME OF DELIVERY
13. VORTECHS SYSTEMS BY STORMWATER360:
 AUCKLAND (09) 476 5586 BRISBANE (07) 3272 1872 SYDNEY (02) 9525 5833
14. VORTECHS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH RELEVANT AUSTRALIAN AND NEW ZEALAND STANDARDS FOR 0-2m FILL AND T44 (HNHO-72) LIVE LOADINGS ONLY. FOR OTHER LOADING CONDITIONS PLEASE CONTACT STORMWATER360.

PROPRIETARY INFORMATION - NOT TO BE USED FOR CONSTRUCTION PURPOSES

This CADD file is for the purpose of specifying stormwater treatment equipment to be furnished by STORMWATER360 and may only be transferred to other documents exactly as provided by STORMWATER360. Title block information, **excluding** the STORMWATER360 logo and the Vortechs Stormwater Treatment System designation and patent number, may be deleted if necessary. Revisions to any part of this CADD file without prior coordination with STORMWATER360 shall be considered unauthorized use of proprietary information.

www.stormwater360.com.au www.stormwater360.co.nz



STORMWATER360
 STORMWATER TREATMENT SYSTEM
 VORTECHS MODEL 1000 METRIC
 STANDARD DETAIL

DRAWING
 1
 A

DATE: 18.11.07 SCALE: N.T.S. FILE NAME: STD1KM DRN: R.P. CHK: M.W.