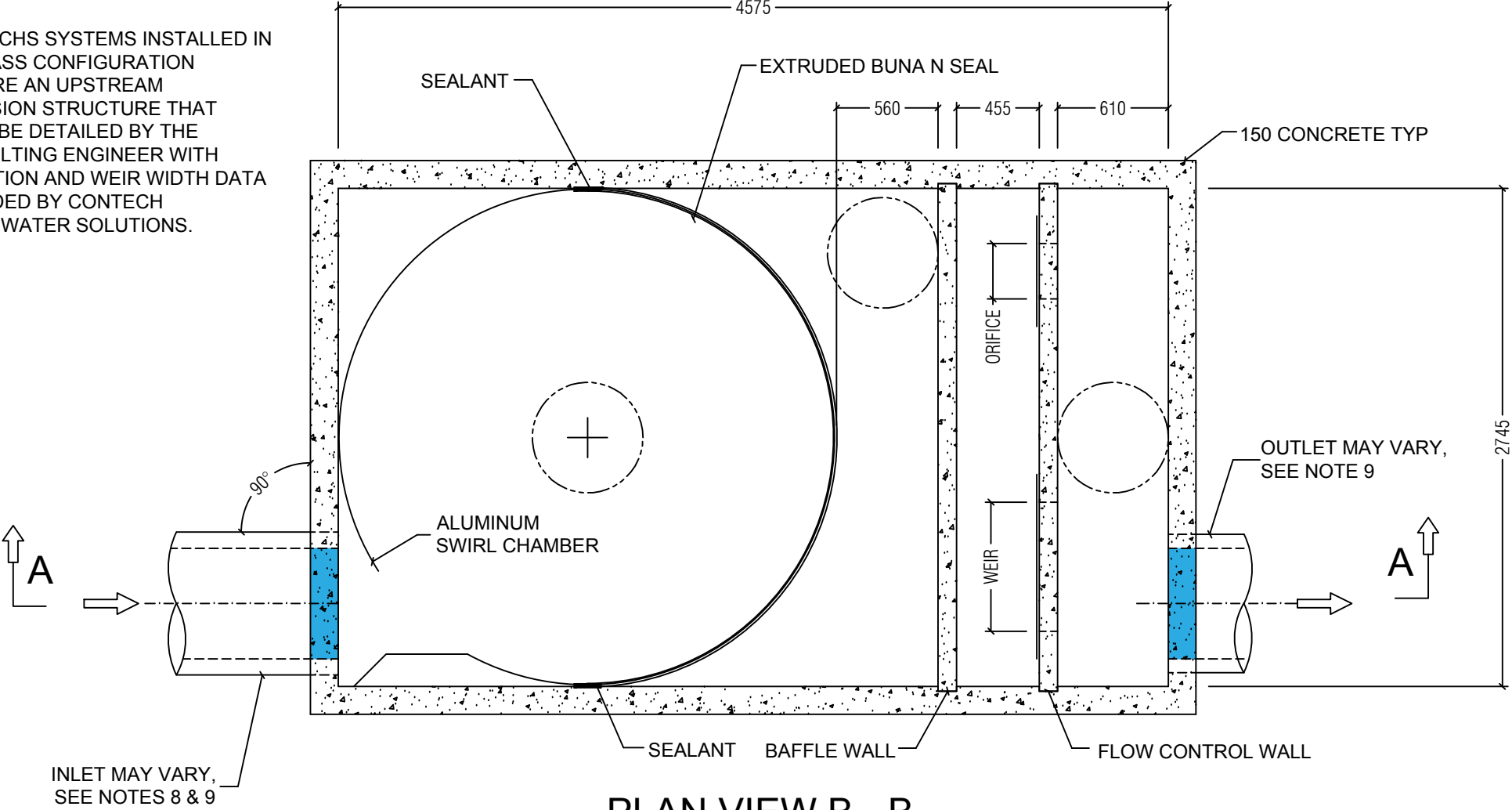
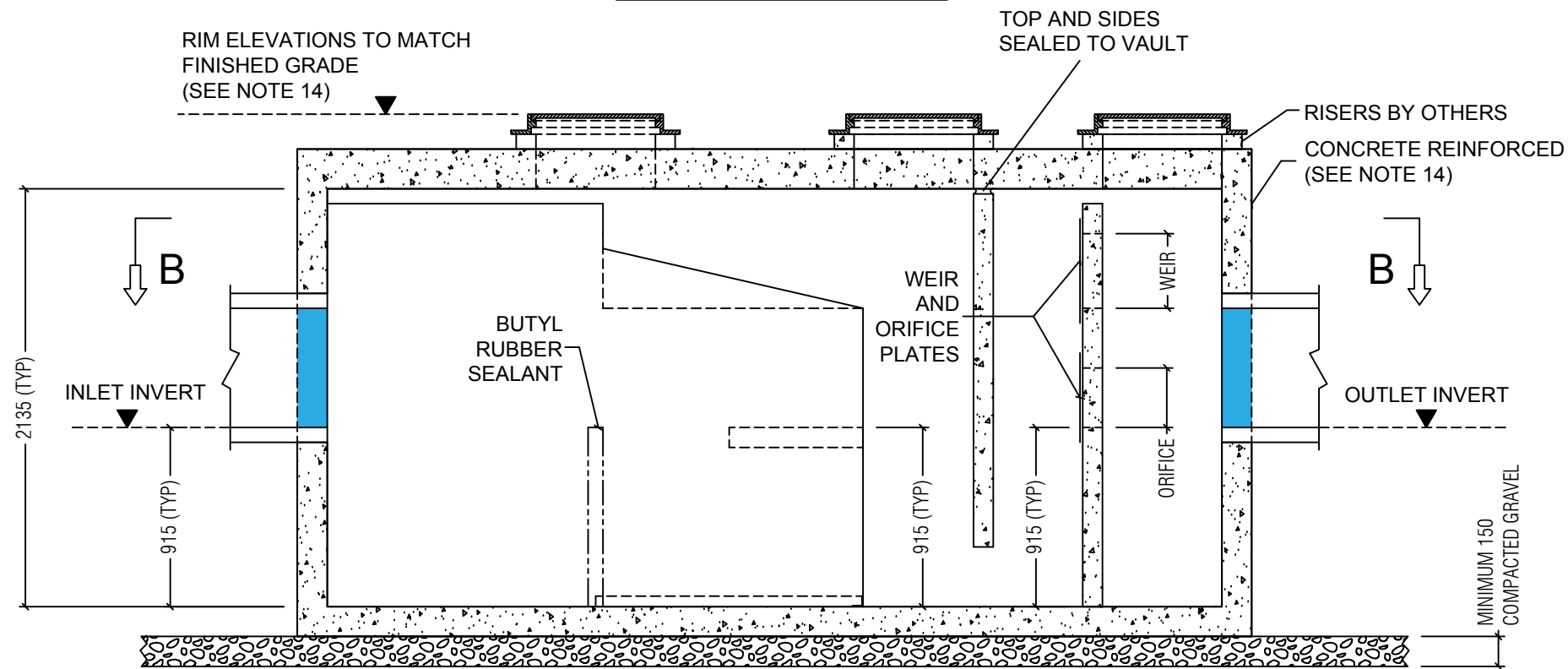


NOTE:  
VORTECHS SYSTEMS INSTALLED IN  
A BYPASS CONFIGURATION  
REQUIRE AN UPSTREAM  
DIVERSION STRUCTURE THAT  
SHALL BE DETAILED BY THE  
CONSULTING ENGINEER WITH  
ELEVATION AND WEIR WIDTH DATA  
PROVIDED BY CONTECH  
STORMWATER SOLUTIONS.



PLAN VIEW B - B



SECTION A - A

- NOTES:
1. STORMWATER TREATMENT SYSTEM (SWTS) SHALL HAVE:  
PEAK TREATMENT CAPACITY: 396L/S  
SEDIMENT STORAGE: 3.67M3  
SEDIMENT CHAMBER DIA: 2743MM
  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 OCEAN PROTECT:  
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 OCEAN PROTECT.

PROPRIETARY INFORMATION - NOT TO BE USED FOR CONSTRUCTION PURPOSES

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

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www.oceanprotect.com.au

OCEAN PROTECT  
STORMWATER TREATMENT SYSTEM  
VORTECHS MODEL 9000 METRIC  
STANDARD DETAIL

DRAWING

1

A

DATE: 18.11.07

SCALE: N.T.S.

FILE NAME: STD9KM

DRN: R.P.

CHK: M.W.