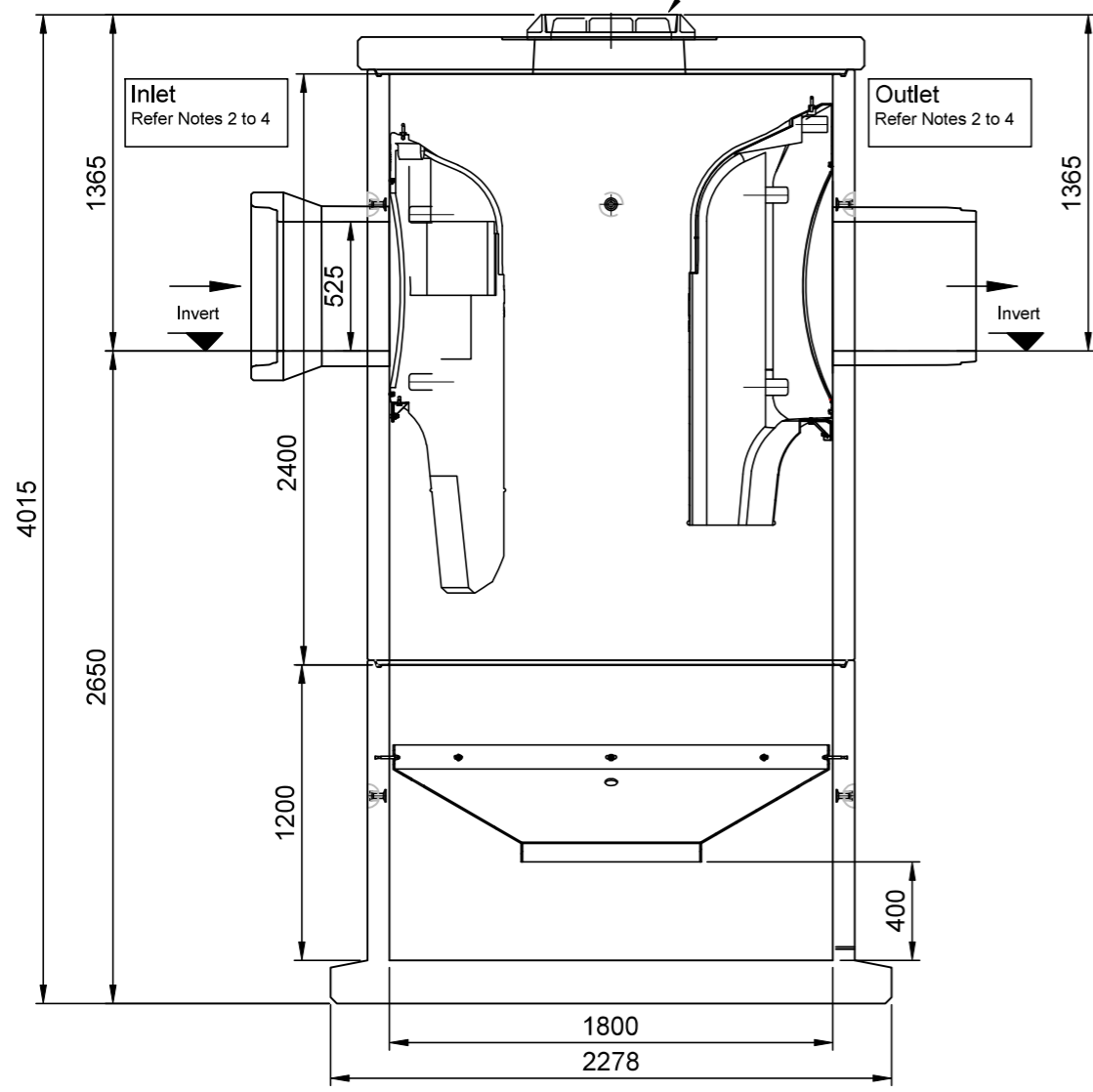


Plan View  
Frame and Cover (DIMHMCFS)



Section A-A

1. Pipes Diameters - Inlet maximum Ø525mm  
Outlet maximum Ø600mm
  2. \*Inlet and Outlet openings are core drilled by Hynds at Factory
  3. Contractor to provide and epoxy Inlet & Outlet Pipe Shorts to Manhole. Maximum allowable Inlet/outlet pipe grade of 1:100
  4. \*Minimum angle between inlet and outlet is 90 Deg. Standard DDS supplied with single inlet.
  5. Standard Manhole Lid designed to HD60 Vehicle Loads
  6. For install in B2 Exposure Classification environment, consult with Hynds if C or U exposure classification is required
  7. Varied depths can be achieved by placement of additional manhole Risers or adjustment Rings on top of standard units shown
  8. Joint sealing between Manhole Riser joints and Pipe connection into manholes - Contractors care
- \* Check Hynds Manhole Data sheets for guidance as to Maximum allowable openings and Minimum distance between pipes

Pipe Details	Inlet Pipe	Outlet Pipe
Pipe Type (Concrete, PVC, PE, Other)		
Pipe Class (If Concrete)		
Nominal ID		
Outside Diameter		
Inlet Pipe Angle		N/A

Please Note:  
Invert Dimensions maybe subject to minor changes.  
Check with Hynds Stormwater Team prior to conformation of order to confirm details.

I AUTHORISE HYNDS PIPE SYSTEMS LTD TO PROCEED WITH THE MANUFACTURING OF THIS PIPE SPECIAL AS DETAILED  
I ACKNOWLEDGE THAT ANY SPECIALS, ONCE MANUFACTURED, ARE DEEMED TO BE MY (CONTRACTOR'S) PROPERTY & ARE NON REFUNDABLE. STORAGE & HANDLING FEES WILL BE INCURRED FOR PRODUCTS THAT ARE NOT DELIVERED/COLLECTED WITHIN 1 MONTH OF THE DATE AGREED AT THE TIME OF ORDER. PRODUCT NOT DELIVERED/COLLECTED WITHIN 3 MONTHS OF THE DATE AGREED MAYBE DESTROYED AT MY EXPENSE.

NAME :- ..... SIGNATURE :- .....  
DATE :- .....

**NOTES:**

# North Island Option

**MATERIALS**

VOL (m³/unit) = -

WT (ton/unit) = -

CODE = -

**REVISIONS**

REV #	REVISION DESCRIPTION:	DATE:	DRAWN:
1	Issued For Approval	26 May 23	GH
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---	---	---	---
---	---	---	---
---	---	---	---
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PO Box 58142, Botany, Auckland, 2163  
Tel: 09-274 0316  
Fax: 09-272 7485  
email: technicalservices@hynds.co.nz



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**ISO 9001 CERTIFIED MANAGEMENT SYSTEM**

**PROJECT DESCRIPTION:**  
Hynds Pipe Systems  
Stormwater  
Downstream Defender Select  
North Island

**SERVICE DETAIL:**  
Downstream Defender Select 1800  
Concrete Advance Vortex  
Pinnacle Manhole Ø1800  
General Arrangement

REFERENCE/QUOTE NUMBER:	-	
DRAWN: GH	DESIGN: GH BH	CHECKED: BH
SIGNATURE:	SIGNATURE:	SIGNATURE:
SCALE: 1:30	Note: Do not scale drawing if in doubt <b>ASK!!!</b>	DATE: <b>11-Mar-24</b>
PAPER SIZE: A3		
DRAWING NUMBER: <b>T8532 NI</b>	SHEET NUMBER: <b>NI of --</b>	REVISION NUMBER: <b>1</b>