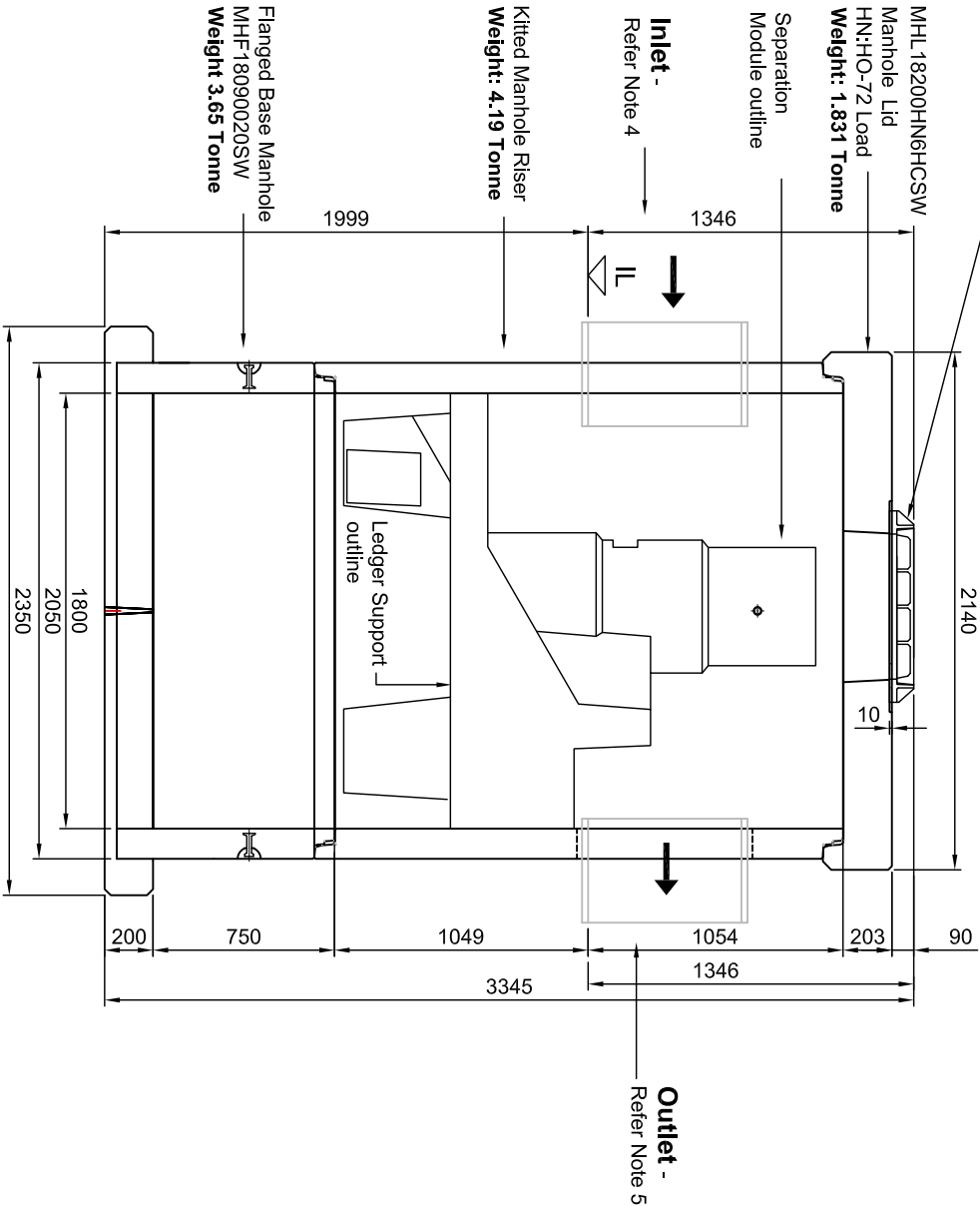


Please identify pipework size and type with a ✓	
✓	Concrete Pipe ND (mm)
	Ø300
	Ø375
	Ø450
	Ø525
	Ø600
	Ø675
	Ø750
	PVC Pipe ND (mm)
	Ø300
	Ø375
	Ø400

**NOTE:**

- The unit includes a 1800Ø x 0900mmH flanged based manhole chamber, Kitted 1800Ø x 2100mmH riser section, a 200mm thick heavy duty concrete lid and A 600Ø ductile iron cover & frame.  
PLEASE NOTE: PIPEWORK NOT INCLUDED.
- The First Defense High Capacity 1800 can accommodate inlet and outlet pipes up to 750mm (nominal) Concrete or PVC. Please identify the pipe size required.
- Some dimensions could change to accommodate a site constraint situation. Please contact Hynds for technical assistance.
- Contractor to allow for Core Drilling, Supply and fitting of Inlet Pipe Shorts on site, this allows for correct orientations to suit site requirements. refer to the Project site plan for orientation.
- The opening for the outlet pipe will drilled by Hynds at Factory. Contractor to supply and fit outlet Pipe Shot on site
- If the outlet invert depth to the ground level is >1346mm, the contractor will need to provide an appropriate riser to suit the on-site requirements.

DI Manhole Access cover & Frame  
with Ø600 Opening



**Section**  
A  
Scale: N.T.S

Pinnacle Manhole Version

**NOTES:**

- Refer to Hynds literature for installation instructions
- Designed for Vehicle loads up to and including HN:HO-72
- Consult Engineer where exposure classification C or U is required (Saltwater Tidal/Splash Zone or other aggressive environment)

**MATERIALS**

VOL (m³/unit) =	-
WT (ton/unit) =	
CODE =	

**REVISIONS**

REV #	REVISION DESCRIPTION:	DATE:	DRAWN:
A	Issued For Information	28 May 2020	GH

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 Limited  
Standard Drawing  
FDHC - Pinnacle Manhole Version

**SERVICE DETAIL:**

FDHC1800 - Ø1800mm Pinnacle Manhole  
First Defence High Capacity Treatment

**General Arrangement**

REFERENCE/QUOTE NUMBER:		CHECKED: H.J	
DRAWN: GH	DESIGN: H.J	SIGNATURE:	SIGNATURE:
SIGNATURE:	SIGNATURE:	DATE:	
SCALE: As Shown	Note: Do not scale drawing if in doubt <b>ASK!!!</b>	14 Feb 2018	
PAPER SIZE: A3			
DRAWING NUMBER: T6676-1 (GA)	SHEET NUMBER: 1 of 1	REVISION NUMBER: 1	