

- Minimum invert levels are given as per the below section detail. The invert level of the inlet is required to be 150mm above the invert level of the outlet pipe.
- If the inlet/outlet invert depth to the ground level is >1080/1244 mm, increased depths can be achieved by placement of additional manhole risers or adjustment rings on top of standard unit shown (to be supplied separately).
- Inlet and Outlet openings are core drilled by Hynds at Factory Contractor to provide and epoxy Inlet & Outlet Pipe Shorts to Manhole
- Inlet Pipe:**
 - Single inlet pipe from diversion manhole
 - Standard Requirement: Ø300mm RRJCP, to be laid at 1.1%
 - Auckland PDEP Design: Ø300mm RRJCP, to be laid at 0.5%
- Outlet Pipe:**
 - Single outlet pipe to downstream junction manhole
 - Standard Requirement: Ø300mm RRJCP, to be laid at 1.5%
 - Auckland PDEP Design: Ø300mm RRJCP, to be laid at 1.0%
- The kit includes all components as shown. It is supplied to site in separate, easily identifiable components - please refer to separately supplied installation manual for site installation requirements.
- For install in B2 Exposure Classification environment, consult with Hynds if C or U exposure classification is required

NOTES:

- Concrete :
 - $f'c = 50MPa$, 10mm Aggregate (SCC)
 - Demould = 20MPa Min.
- Reo :
 - $f_y = \text{Grade 500E MA}$
 - Reo Cover = 40mm Min.
 - Manufacturing Tolerance for Reinforcement Placing: Cover $\pm 5mm$
 - Tolerances for Reinforcement: As per NZS3109:1997 - Clause 3.9, and reproduced in DRG. no T6910 for reference.
 - Min Lap Length : 40 x Bar Dia
 - Do not re-bend reinforcing steel
- Tolerances for Precast Components: As per NZS3109:1997 - Table 5.1
- Design Load: HD60
- Design Life: 100 Years
- Exposure Classification: Internal = B2, External = B2
- Finish: F3 as per NZS3114.

MATERIALS

VOL (m³/unit) =	
WT (ton/unit) =	26.606 T
CODE =	HF3000KIT

REVISIONS

REV #:	REVISION DESCRIPTION:	DATE:	DRAWN:
A	Issued For Approval	09 Dec 2025	CK
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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 Stormwater

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-
-

SERVICE DETAIL:

Hynds Filter Ø3000

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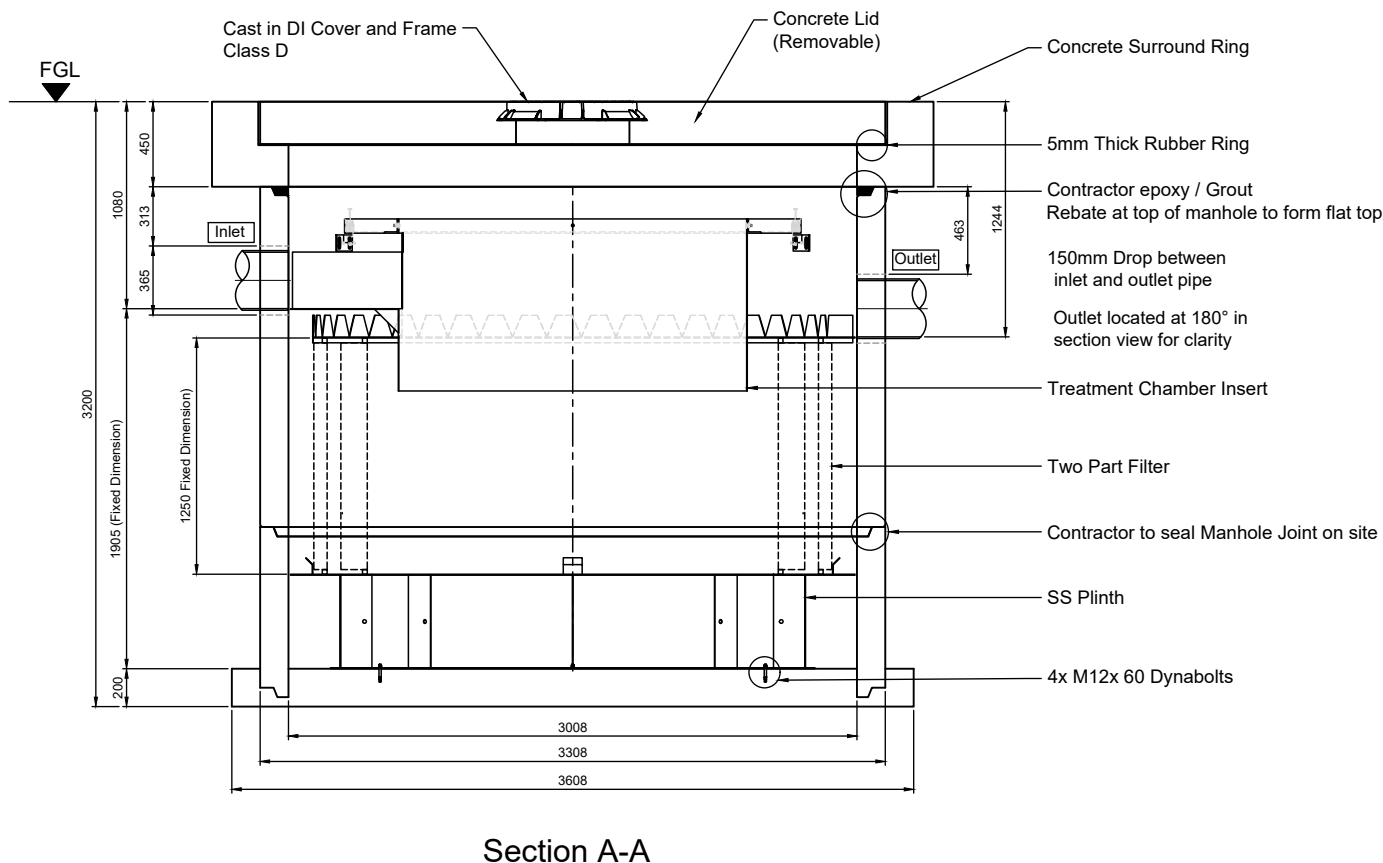
General Arrangement/ Customer approval

REFERENCE/QUOTE NUMBER:

DRAWN: CK	DESIGN: BH	CHECKED: -
SIGNATURE:	SIGNATURE:	SIGNATURE:

SCALE: 1:40	Note: Do not scale drawing if in doubt ASK!!!	DATE: 1-Apr-26
PAPER SIZE: A3		

DRAWING NUMBER: T9672	SHEET NUMBER: 1 of 5	REVISION NUMBER: A
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Inlet / Outlet Pipe Ø300mm RRJCP	Required
Please Specify	
Outlet Pipe angle 45° to 315°	

I AUTHORISE **HYNDS PIPES SYSTEMS LTD** TO PROCEED WITH THE MANUFACTURING OF THIS PRODUCT SPECIAL AS DETAILED ABOVE.
 I ACKNOWLEDGE THAT ANY SPECIALS, ONCE MANUFACTURED, ARE DEEMED TO BE MY (CUSTOMERS) PROPERTY & ARE NON REFUNDABLE. PLEASE NOTE COSTS ARISING FROM CHANGES REQUESTED AFTER SIGNING THIS DRAWING WILL BE BORNE BY THE CUSTOMER.

NAME :- SIGNATURE :-

DATE :-