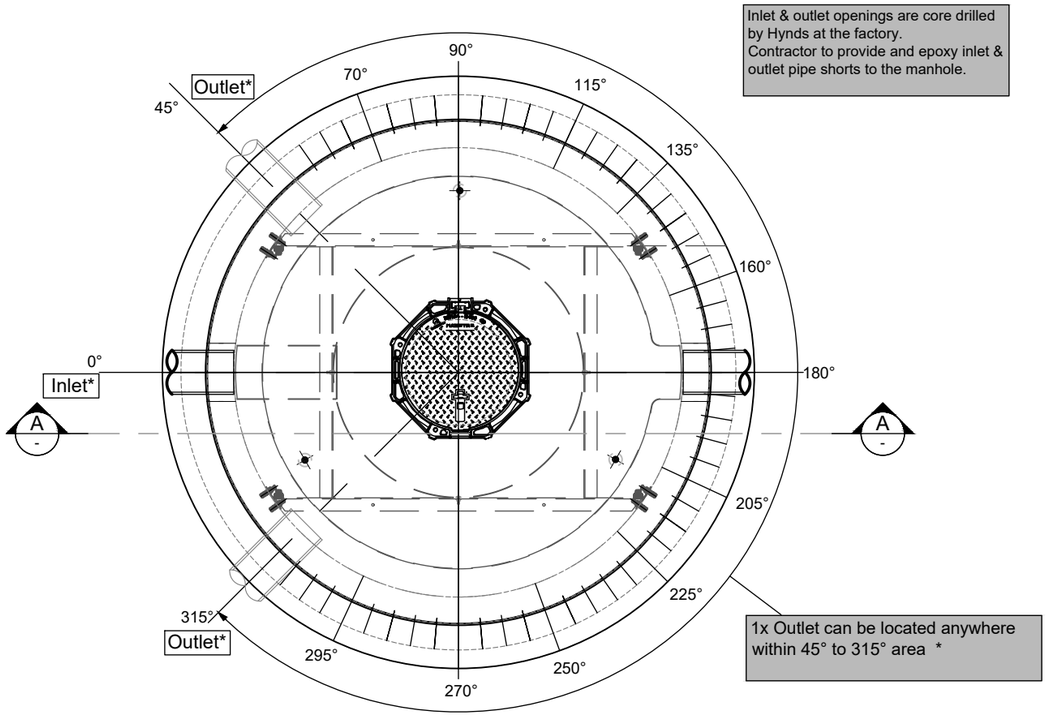
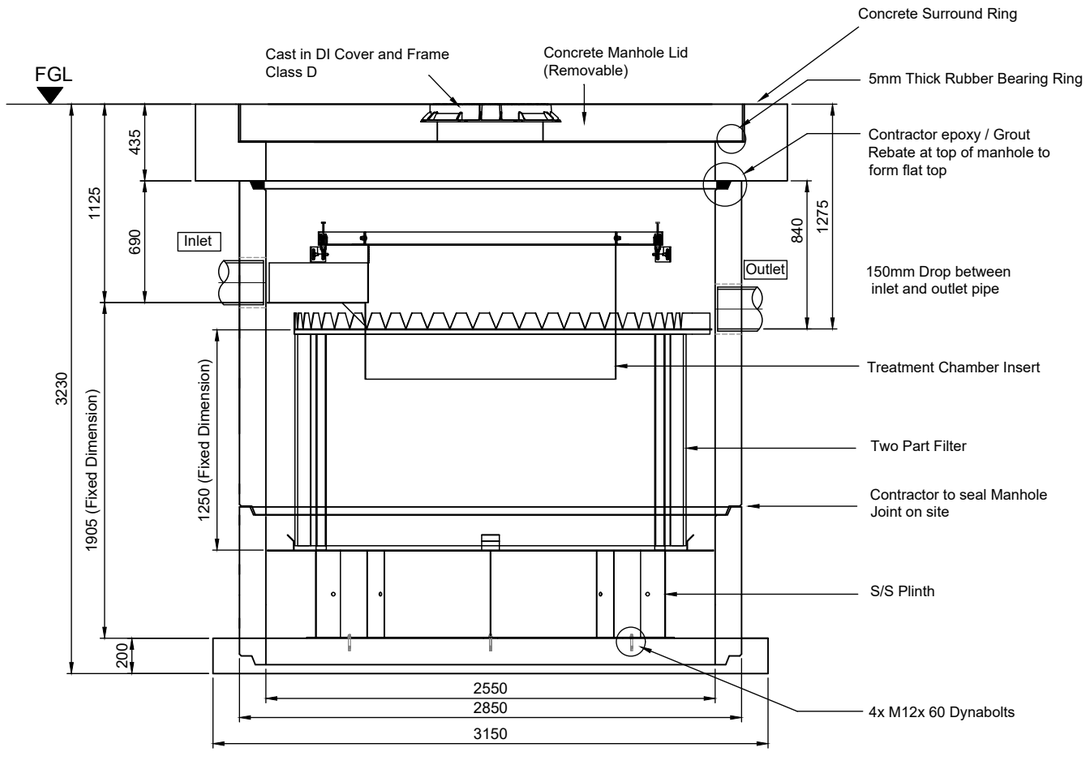


Plan View



Section A-A

1. 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.
2. If the inlet/outlet invert depth to the ground level is >1125/1275 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).
3. Inlet and Outlet openings are core drilled by Hynds at Factory
   Contractor to provide and epoxy Inlet & Outlet Pipe Shorts to Manhole
4. Inlet Pipe:
   - Single inlet pipe from diversion manhole
   - Standard Requirement: Ø225mm, to be laid at 1.0%
   - Auckland PDEP Design: Ø225mm, to be laid at 0.5%
4. Outlet Pipe:
   - Single outlet pipe to downstream junction manhole
   - Standard Requirement: Ø225mm, to be laid at 1.5%
   - Auckland PDEP Design: Ø225mm, to be laid at 1.0%
5. 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.
6. For install in B2 Exposure Classification environment, consult with Hynds if C or U exposure classification is required

Inlet / Outlet Pipe 225mm PVC	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 :- .....

NOTES:

1. Concrete :
   1.1. $f'c$ = 50MPa, 10mm Aggregate (SCC)
   1.2. Demould = 20MPa Min.
2. Reo :
   2.1. fy = Grade 500E MA
   2.2. Reo Cover = 40mm Min.
   2.3. Manufacturing Tolerance for Reinforcement Placing: Cover $^{+5mm}_{-0mm}$
   2.4. Tolerances for Reinforcement: As per NZS3109:1997 - Clause3.9, and reproduced in DRG. no T6910 for reference.
   2.5. Min Lap Length : 40 x Bar Dia
   2.6. Do not re-bend reinforcing steel
3. Tolerances for Precast Components: As per NZS3109:1997 - Table 5.1
4. Design Load: HD60
5. Design Life: 100 Years
6. Exposure Classification: Internal = B2, External = B2
7. Finish: F3 as per NZS3114.

MATERIALS

VOL (m^3/unit) =	
WT (ton/unit) =	21 T
CODE =	HF2550KIT

REVISIONS

REV #:	REVISION DESCRIPTION:	DATE:	DRAWN:
A	Issued For Approval	26 Nov 24	GH
1	Issued For Construction	05 Nov 25	GH
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PO Box 58142, Botany, Auckland, 2163
Tel: 09-274 0316
Fax: 09-272 7485
email: technicalservices@hynds.co.nz

ISO 9001 CERTIFIED MANAGEMENT SYSTEM

PROJECT DESCRIPTION:
Hynds Stormwater
-
-
-

SERVICE DETAIL:
Hynds Filter Ø2550
-
-
General Arrangement/ Customer approval

REFERENCE/QUOTE NUMBER:	29480	
DRAWN: GH SIGNATURE:	DESIGN: BH SIGNATURE:	CHECKED: BH SIGNATURE:
SCALE: 1:40 PAPER SIZE: A3	Note: Do not scale drawing if in doubt **ASK!!!**	DATE: 16-Dec-25
DRAWING NUMBER: T9160 1	SHEET NUMBER: 1 of --	REVISION NUMBER: 1