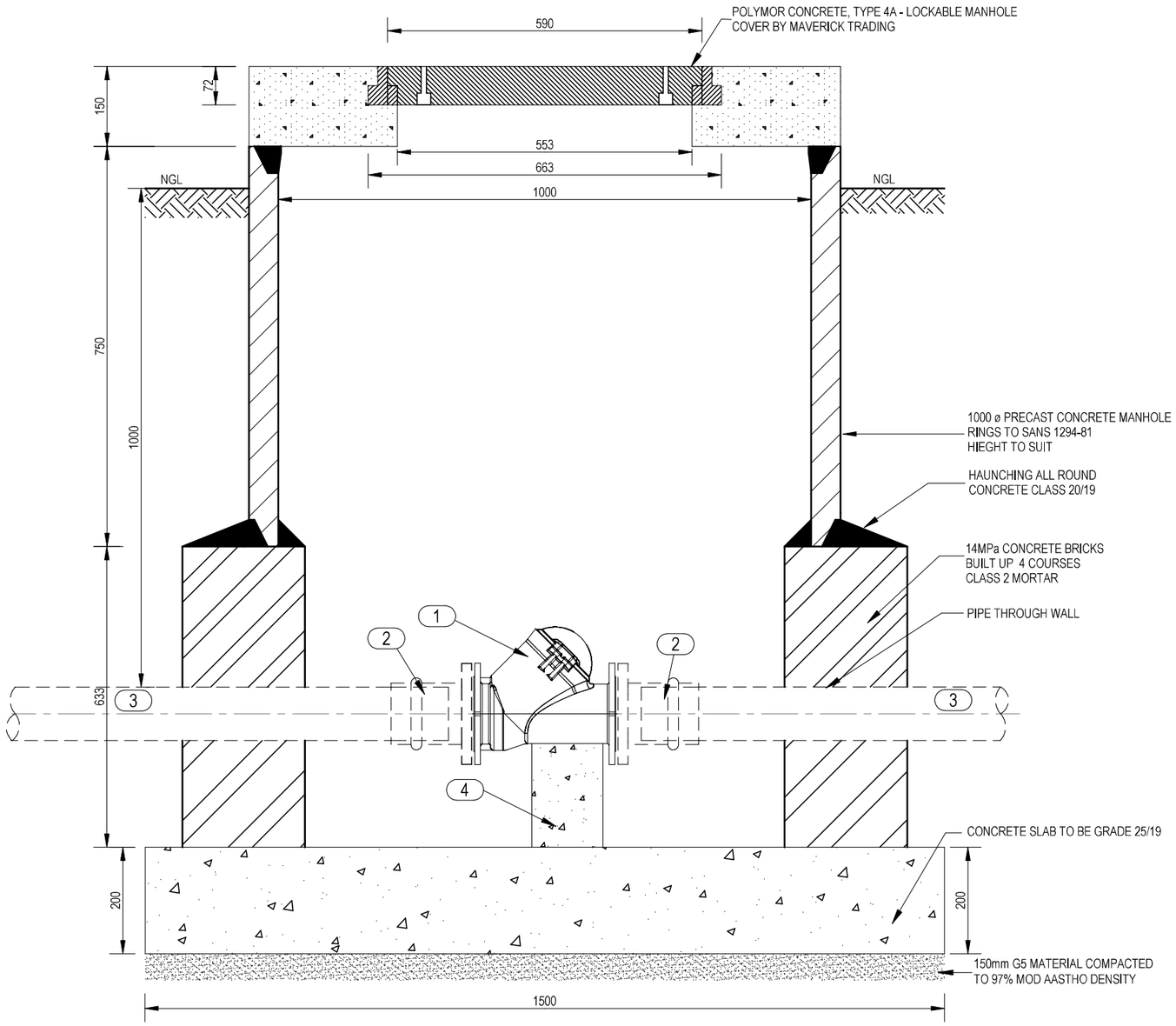


TYPICAL SECTION THROUGH PRECAST VALVE CHAMBER

SCALE 1:10

1. FLANGED BALL CHECK VALVE PN16 DN150mm SERIES 53/35 BY AVK OR SIMILAR APPROVED

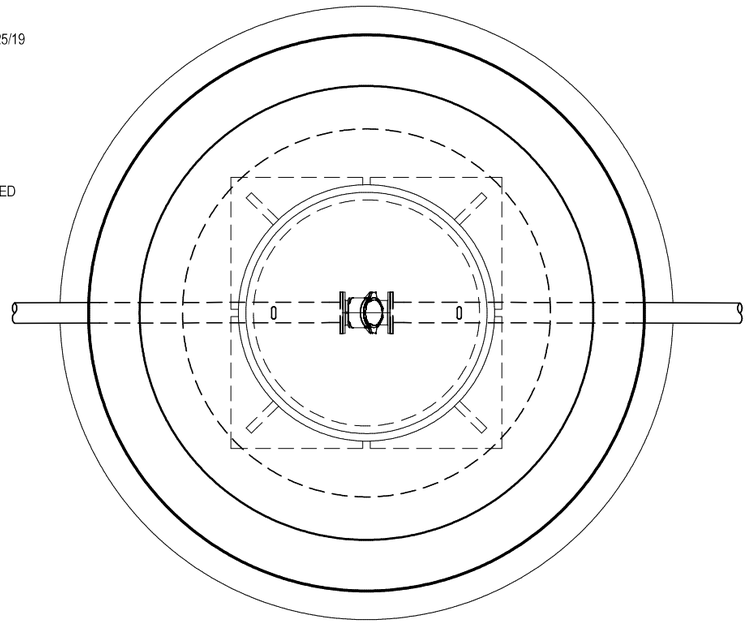
2. FOR uPVC PIPES:
   CI FLANGE ADAPTORS DRILLED TO APPLICABLE TABLE OF SANS 1123 1000/3

   FOR HDPe PIPES:
   KLAMFLEX GRIPPER FLANGE ADAPTOR OR SIMILAR APPROVED FOR PIPES GREATER THAN 110mm Ø

   FOR STEEL PIPES:
   VJ / KLAMFLEX FLANGE ADAPTOR

3. STEEL PIPE / uPVC / HDPe PIPE

4. CONCRETE PEDESTAL 290 x 200 x 200mm THICK CLASS 25/19



TOP VIEW OF CHAMBER

SCALE 1:15

NOTES:
1. ALL DIMENSIONS IN MILLIMETRES.
2. CONCRETE TO BE CLASS 25/19 UNLESS OTHERWISE SPECIFIED.
3. ALL FLANGES TO SUIT PIPE CLASS
4. ALL THREADS TO BSP STANDARDS.
5. ALL BURIED FITTINGS AND HINGES TO BE WRAPPED IN DENSO TAPE
6. ALL FABRICATED IRON AND STEEL ARTICLES TO BE HOT DIP GALVANISED TO SANS 763 SPECIFICATIONS
7. ALL BOLTS, NUTS AND WASHERS TO BE GALVANISED TO SANS 1282 SPECIFICATIONS
8. ALL WELDS TO BE FULL PENETRATION TO BS 534 AND FILLET WELD TO BE 80% OF WALL THICKNESS OR WITH A MIN. OF 5mm

No.	Date	By	Description
A	24/05/2023	N.N	FOR TENDER

REVISIONS

AS BUILT DRAWINGS

TECHNICAL CO-ORDINATOR DATE:.....

ENGINEER DATE:.....

CLIENT

FOSKOR

CLIENT APPROVAL

Project leader:	----	Signature :
Date:		

CLIENT DRAWING NUMBER:

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Designed :	N. Naumann	Date:	Signature :
Drawn :	N. Barnard	Date:	Signature :
Checked :	N. Naumann	Date:	Signature :
Approved: C. Claassens Reg No.: 860450		Date:	Signature :

PROJECT TITLE

FOSKOR - RELINING OF STORMWATER DAMS

PROJECT DESCRIPTION

TECHNICAL DESIGN OF STORMWATER DAMS

DRAWING TITLE

TYPICAL DETAIL: NON-RETURN VALVE & CHAMBER DETAILS FOR VALVES 160mm Ø

DATE:	SCALE:		SHEET NO:
MAY 2023	AS SHOWN	A3	1 OF 1

PLAN No.

CONSULTING ENG. DRAWING NO: R21-097-00-355 Rev: A

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