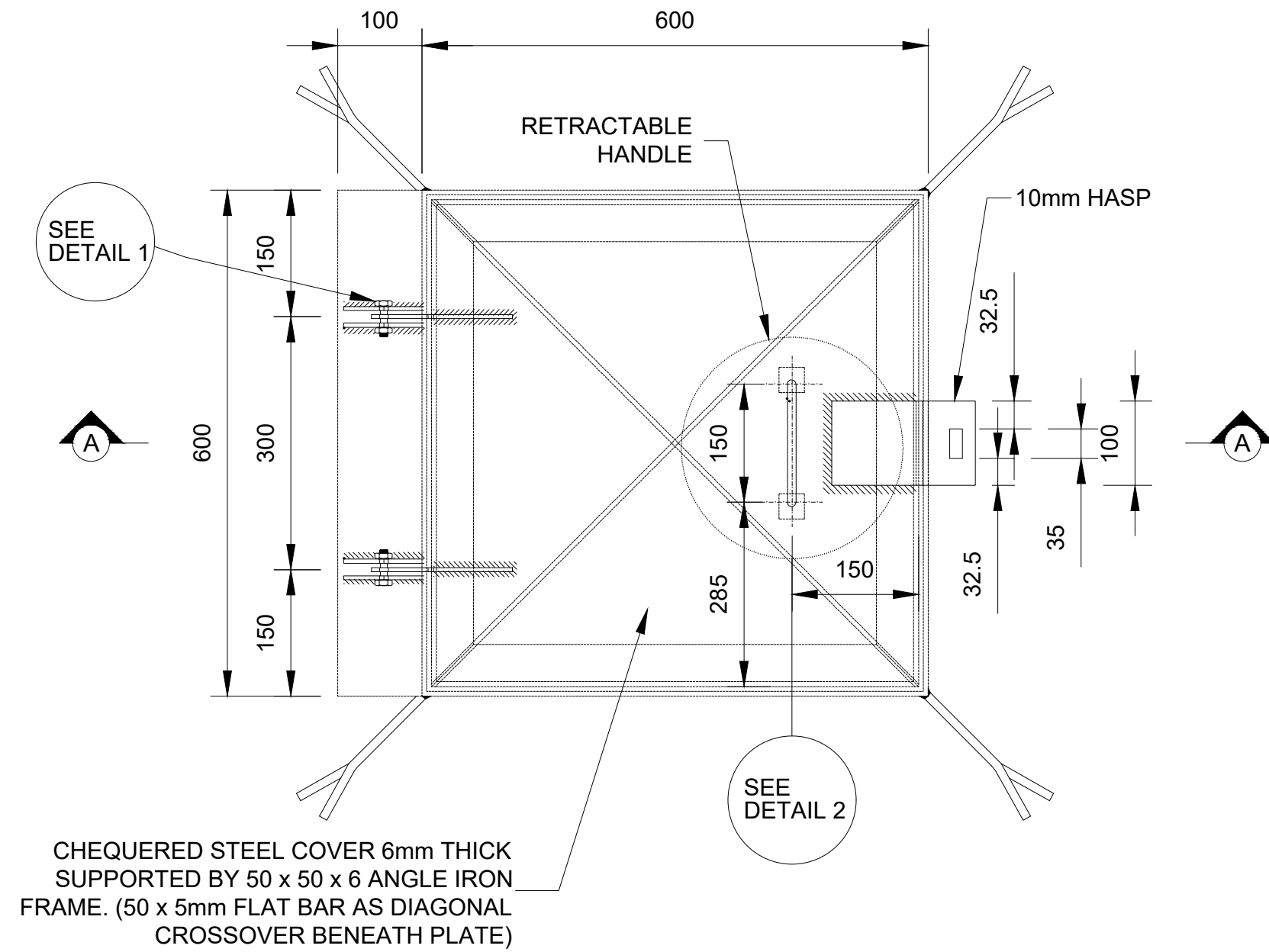
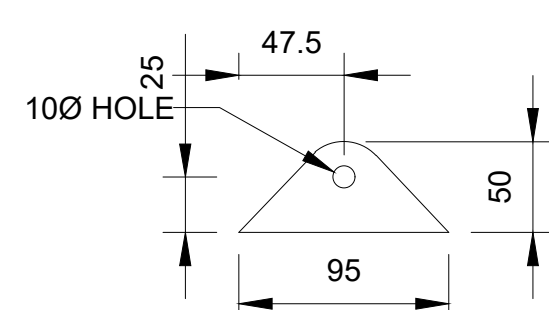


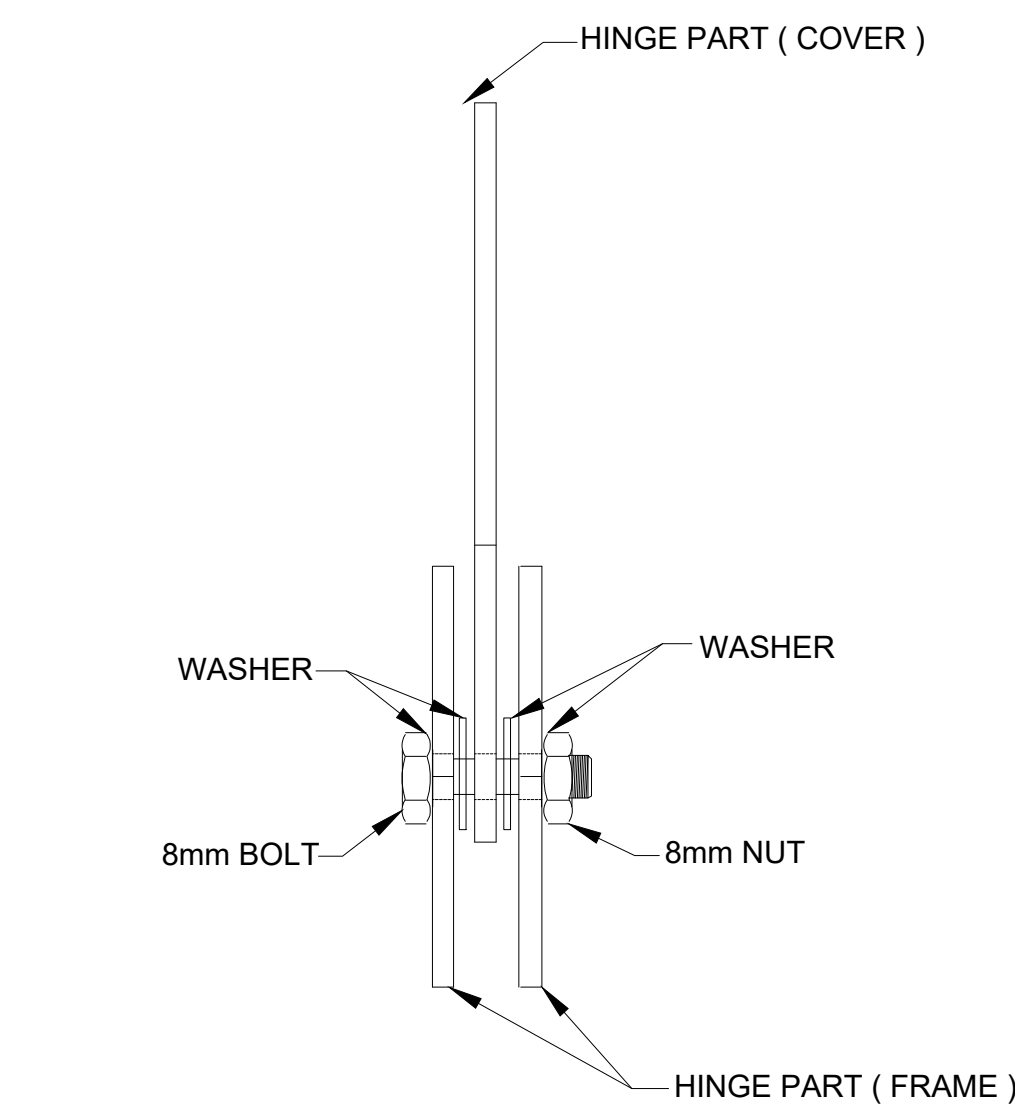
MANHOLE TYPE '1' COVER AND FRAME DETAIL
SCALE 1:10



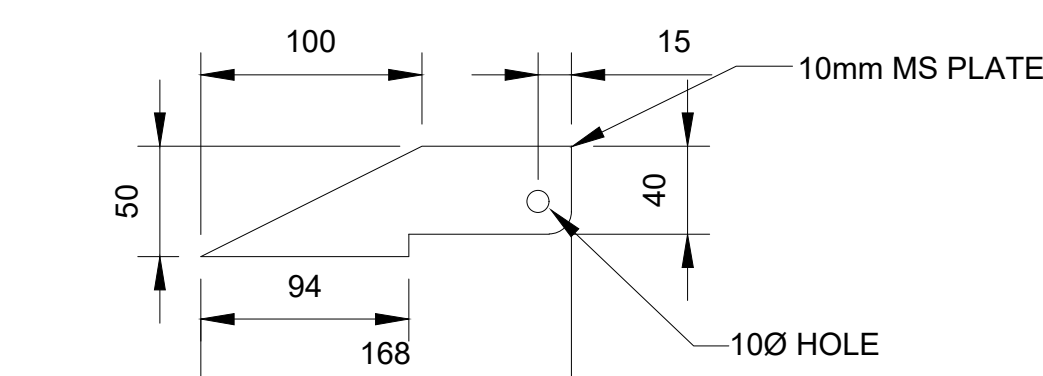
MANHOLE TYPE '2' COVER AND FRAME DETAIL
SCALE 1:10



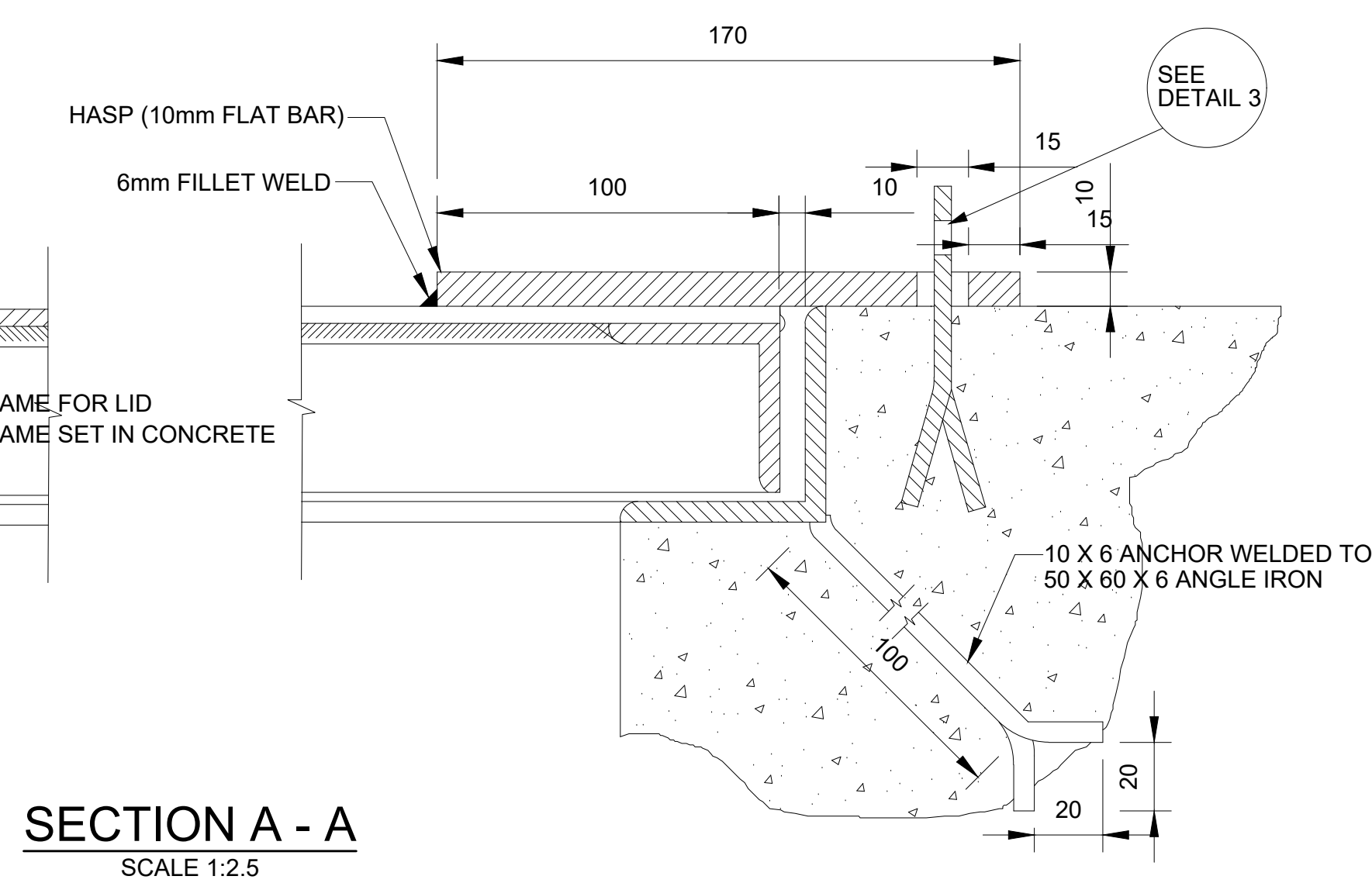
HINGE PART FOR FRAME
SCALE 1:5



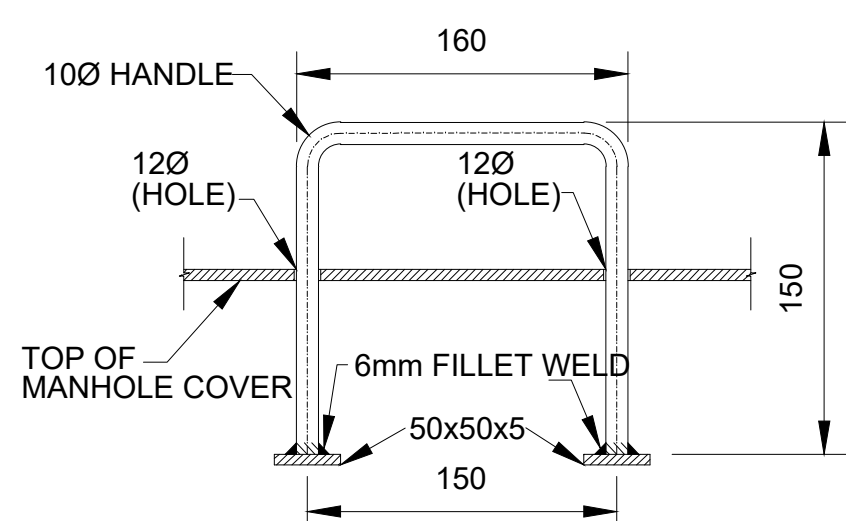
**DETAIL 1
TOP VIEW OF HINGE**
SCALE 1:2.5



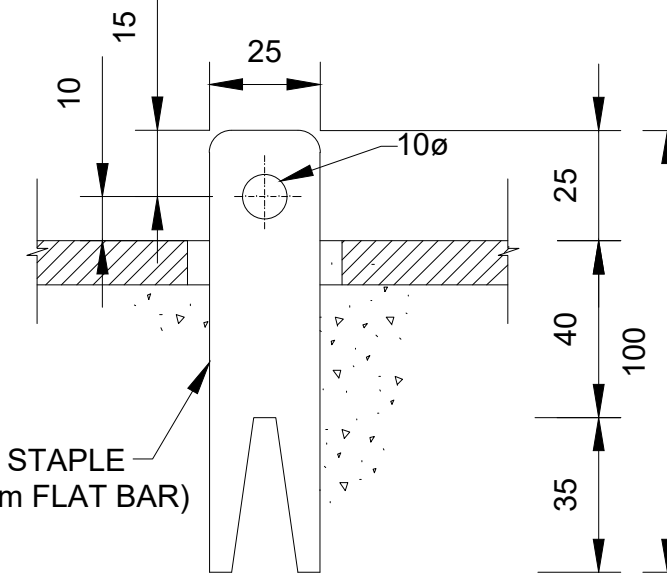
HINGE PART FOR COVER
SCALE 1:5



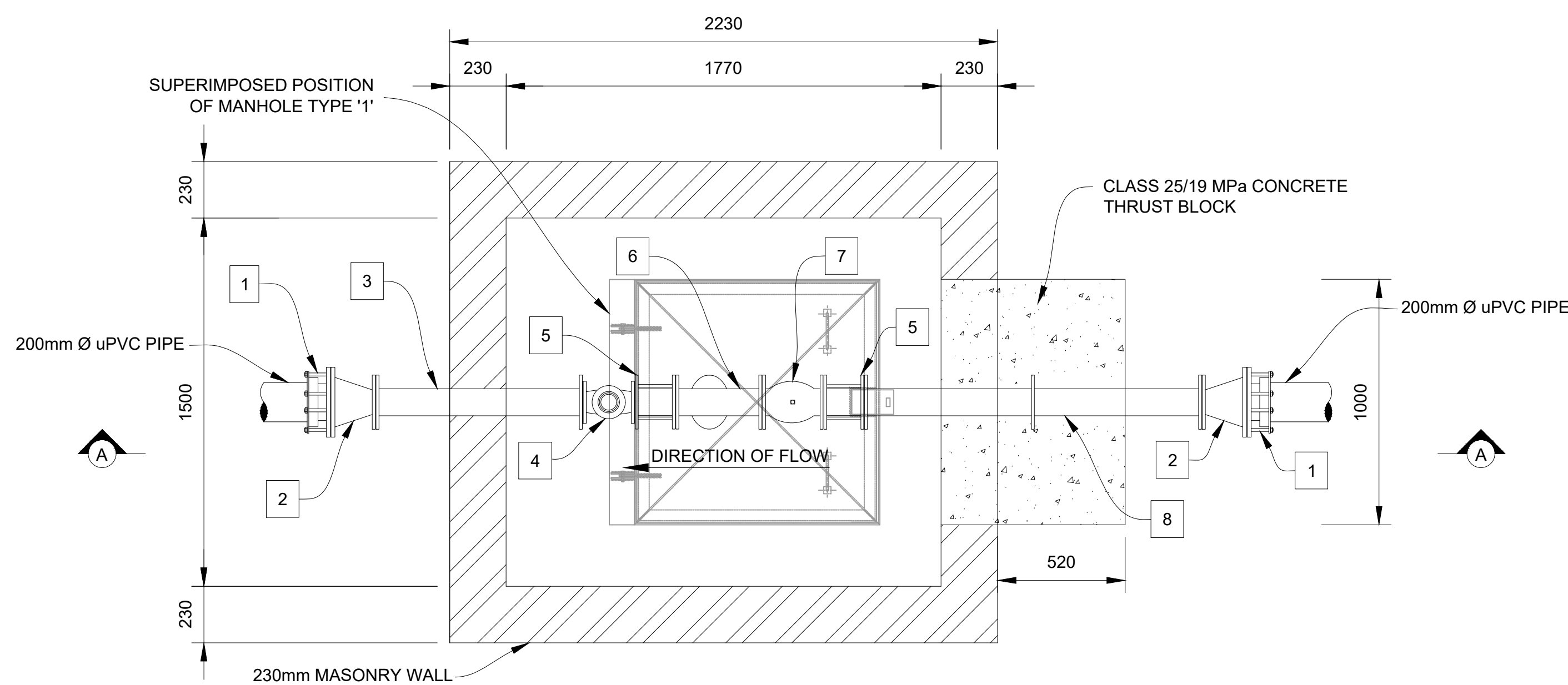
SECTION A - A
SCALE 1:2.5



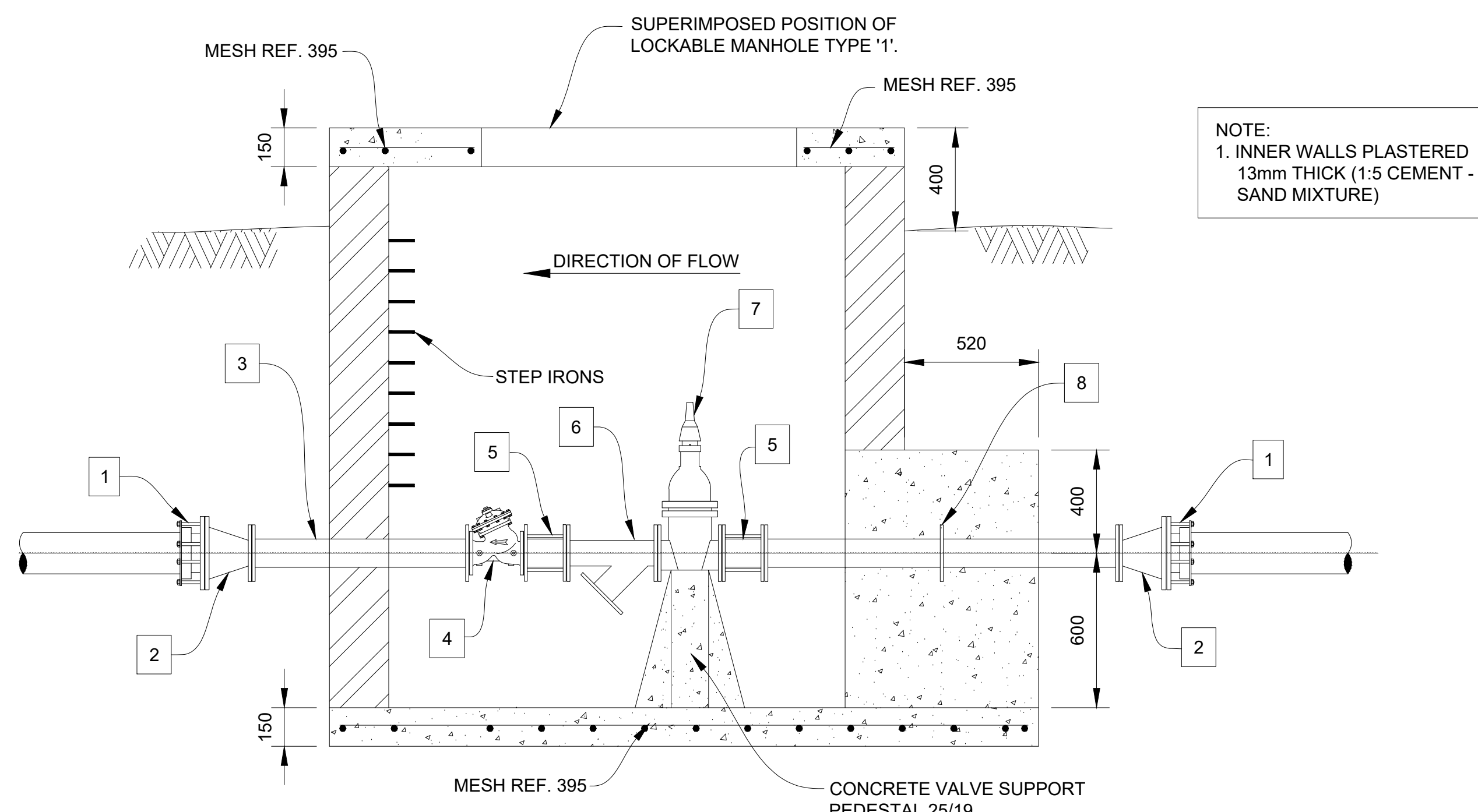
DETAIL 2
SCALE 1:5



DETAIL 3
SCALE 1:2.5



PRESSURE REDUCING VALVE INSTALLATION: PLAN VIEW
SCALE 1:25



PRESSURE REDUCING VALVE INSTALLATION: SECTION A - A
SCALE 1:25

PIPEFITTING SCHEDULE			
NO.	SIZE (mm)	DESCRIPTION	QTY
1	150	PVC-CAST IRON FLANGE ADAPTOR, DRILLED SABS 1123, TABLE 1600/3	2
2	100-150	100mm TO 150mm FLANGED MS CONCENTRIC REDUCER	2
3	110	840mm LONG G.M.S PUDDLE PIPE PIECE, FLANGED BOTH ENDS.	1
4	100	BERWALD OR SIMILAR APPROVED, HYDRAULIC PRESSURE REDUCING VALVE, V-PORT DISC ARRANGEMENT (PN16) RSV GATE VALVE	1
5	100	VIKING JOHNSON FLANGE ADAPTOR, DRILLED SABS 1123, TABLE 1600/3	2
6	100	100mm FLANGED MS STRAINER PIPE PIECE	1
7	100	RSV GATE VALVE, HAND WHEEL, RIGHT HAND CLOSING, NON-RISING SPINDLE, DRILLED BS-4504 PN 16 (16 BAR RATING)	1
8	110	1,375mm LONG G.M.S PUDDLE PIPE PIECE, FLANGED ONE BOTH ENDS. PUDDLE FLANGE = 687mm FROM FLANGE FACE. FLANGE DRILLED SABS 1123, TABLE 1600/3.	1

NOTE ALL BOLTS, NUTS, WASHERS AND GASKETS TO BE SUPPLIED WITH THE ABOVE FITTINGS. ALL BOLTS, NUTS AND WASHERS EXPOSED TO SUBSOIL CONDITIONS SHALL BE DENSO WRAPPED OR PROTECTED AGAINST CORROSION IN AN APPROVED MANNER (SEE DWAF SPECIFICATION DWS-1130, DWS-1131)

FOR TENDER

SERVICE

WATER

Rev.

Description

Date

By

AMENDMENTS

DESIGNED

MPL

DRAWN

VMN

CHECKED

LSM

APPROVED

STN

CLIENT



PRIVATE BAG X45
MBOMBELA
1200
TEL: 013 759 9111
FAX: 013 759 2070

ENGINEERING CONSULTANT



UNIT NO 45.2, CENTRAL PARK
12 SUKKERKET STREET
NELSPRUIT 1200
013 744 6070

PROJECT

UPGRADE OF BULK WATER
SCHEME AT UMJINDINI TRUST
AND KAMADAKWA

TITLE

WATER RETICULATION:
DETAIL OF PRESSURE REDUCING VALVE
INSTALLATION

DATE

FEBRUARY 2024

SCALE

AS - SHOWN

CONSULTANT DWG. NO.

LPS-202318-SD-002

SCALE REF.

