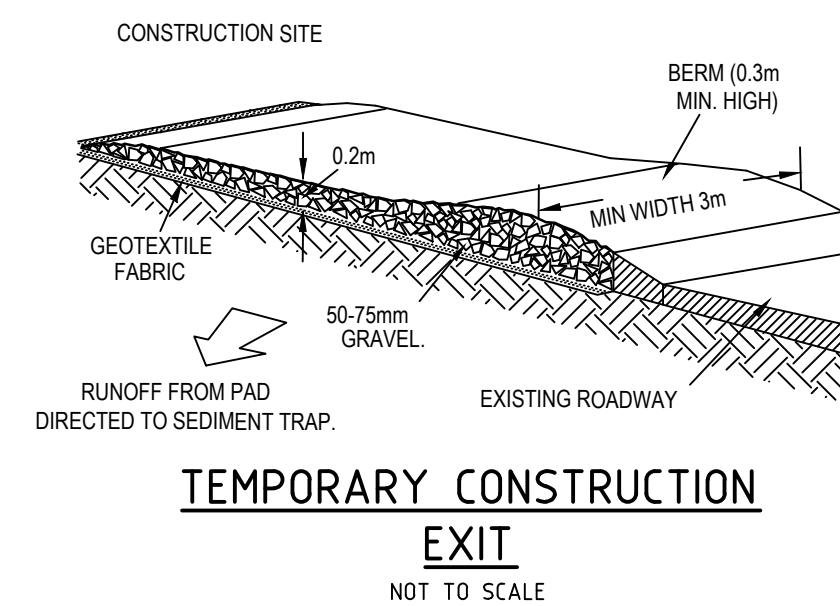


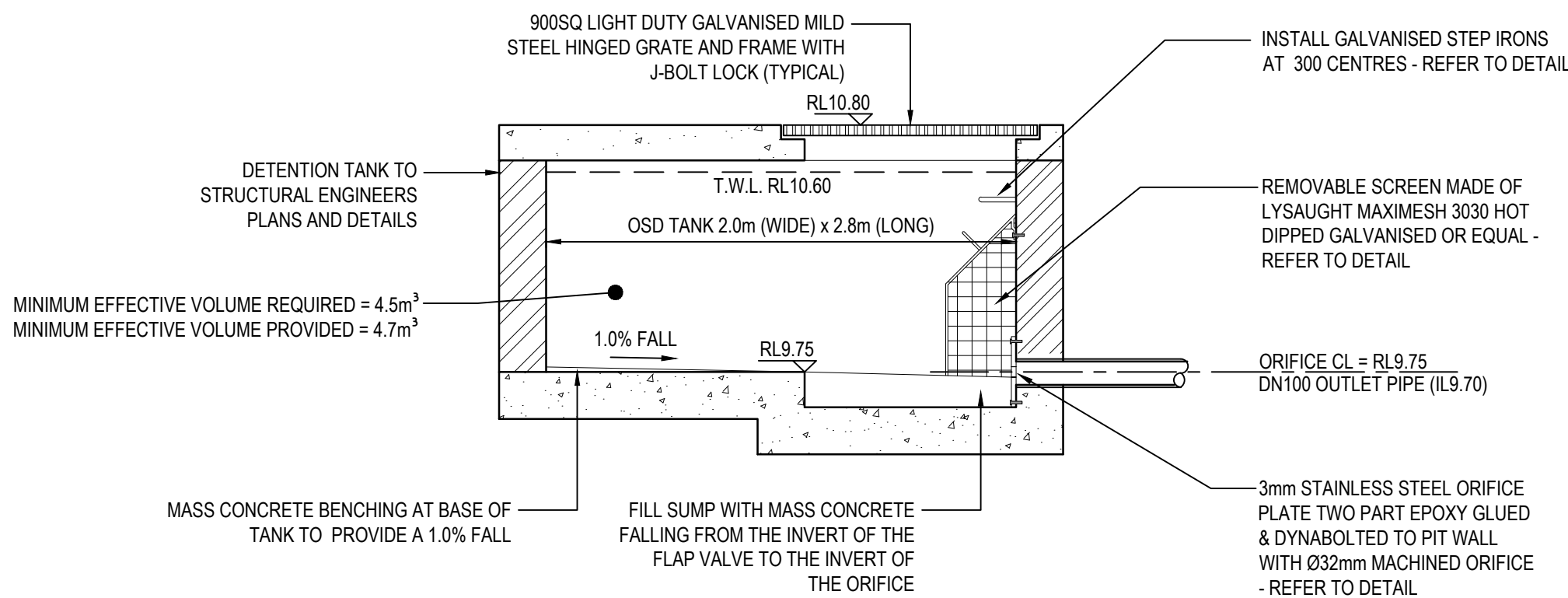


A		S.V.		ISSUED FOR DA APPROVAL		19.06.20	A. MANCONE	COPYRIGHT © THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF ANTIN PTY LTD. IT MUST NOT BE REPRODUCED, COPIED OR USED WITHOUT THE AUTHORITY OF ANTIN PTY LTD. DISSEMINATION OF THIS DRAWING AND ITS CONTENTS ARE ELECTRONICALLY MONITORED. BE CONFIDENTIAL AND MAY ONLY BE USED FOR THE PURPOSE FOR WHICH THEY WERE INTENDED. ANTIN PTY LTD. WILL NOT ACCEPT RESPONSIBILITIES ARISING FROM THE USE OF THE DRAWING FOR OTHER THAN ITS INTENDED PURPOSE OR WHERE THE DRAWING HAS BEEN ALTERED, AMENDED OR CHANGED EITHER MANUALLY OR ELECTRONICALLY BY ANY THIRD PARTY.	ANTIN PTY LTD T/A VUJICA DESIGN & DRAFTING ACN: 619 598 093 ABN: 64 212 886 652 A- PO BOX 6240 BAILKHAM HILLS NSW 2113 M: (+61) 401 886 580 E: info@vndn.com.au W: www.vndn.com.au	CLIENT: MR. ANDREW SUMNER DESIGNED / APPROVED: ANTHONY MANCONE BE(Civil)Hons, MIEAust, CPEng, NER, APEC Eng, Int(PeA)Eust	PROJECT: PROPOSED SECONDARY DWELLING 84 BARRENJOEY ROAD, MONA VALE, NSW, 2103	DRAWING STATUS: ISSUED FOR DA APPROVAL DRAWING TITLE: STORMWATER DRAINAGE PLAN & SEDIMENT & EROSION CONTROL DETAILS	DESIGNED: A.M. DRAWN: S.V. CHECKED: ANTHONY MANCONE SCALE: 1:100 @ A1 DATE: JUNE/2020 VDD2047 DRAWING No: C001 REV ISSUE: A
REV	BY	AMENDMENTS		DATE	APPROVED BY	1:100							

ON-SITE STORMWATER DETENTION CALCULATION

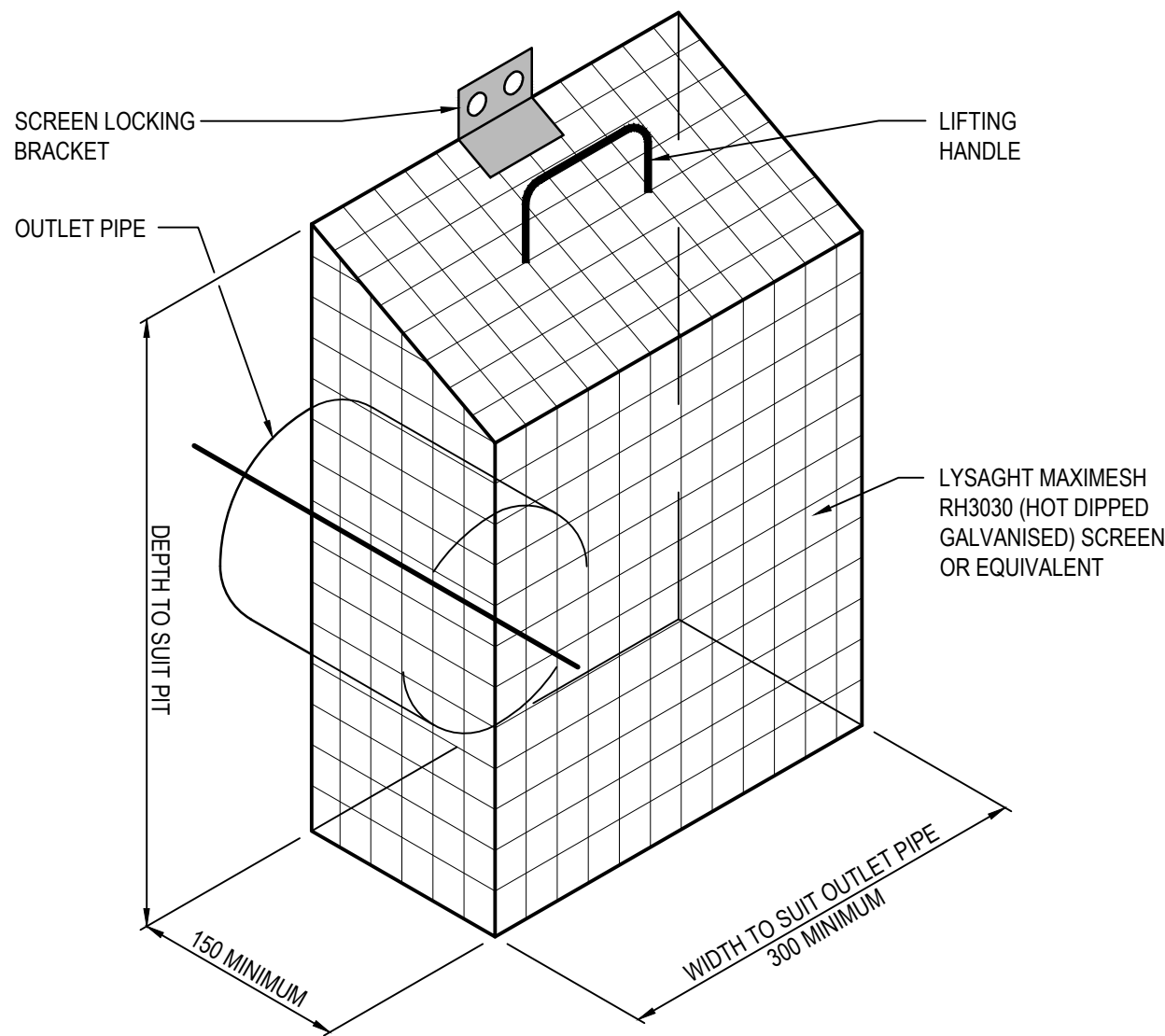
MAXIMUM DEPTH	=	0.850 m
LENGTH	=	2.00 m
WIDTH	=	2.80 m
SLOPE OF BASE	=	0.010 m/m
VOLUME	=	4.70 cu.m
PSD	=	2 l/s
COEFF. OF DISCHARGE	=	0.62
ORIFICE DIAMETER	=	32 mm

FROM COUNCIL DCP, AN ADDITIONAL 50-75m² OF ADDITIONAL IMPERVIOUS AREA REQUIRES 4.5m³ OF OSD STORAGE. THEREFORE 4.7m³>4.5m³ = OK!



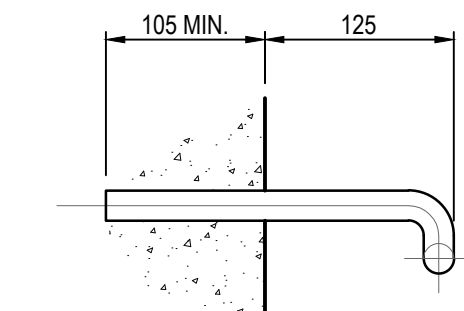
ON-SITE STORMWATER DETENTION (OSD) TANK DETAIL

SCALE 1:25

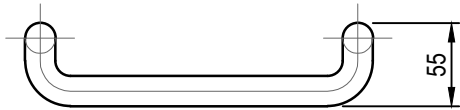


TRASH SCREEN DETAIL (TYPICAL)

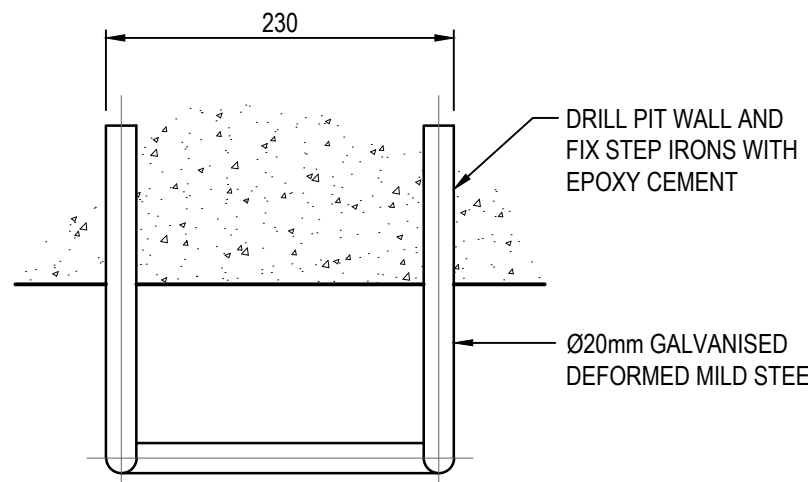
SCALE 1:5



SIDE ELEVATION



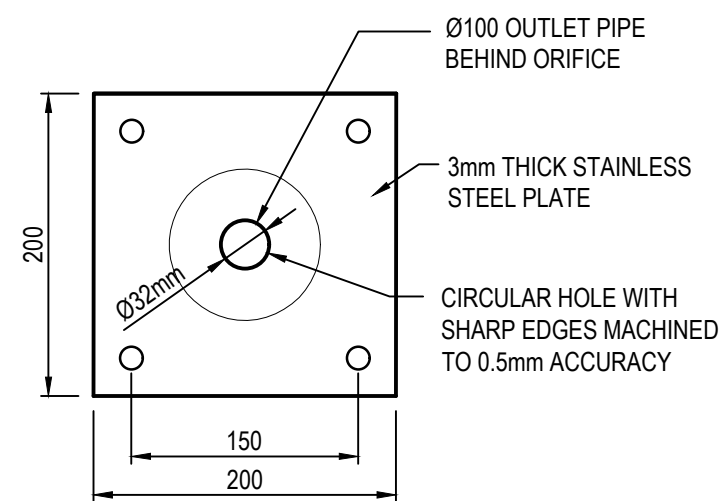
FRONT ELEVATION



PLAN

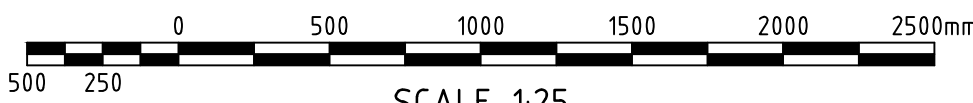
STEP IRON DETAIL (TYPICAL)

SCALE 1:5



ORIFICE PLATE DETAIL

SCALE 1:5

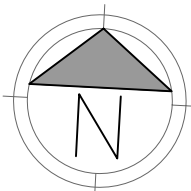


SCALE 1:25



SCALE 1:5

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PROPOSED SECONDARY DWELLING
84 BARRENJOEY ROAD,
MONA VALE, NSW, 2103

DRAWING STATUS:
ISSUED FOR DA APPROVAL

DRAWING TITLE:
ON-SITE STORMWATER DETENTION
SYSTEM DETAILS

DESIGNED: A.M. DRAWN: S.V.
CHECKED: ANTHONY MANCONE
SCALE: 1:100 @ A1 DATE: JUNE/2020

PROJECT No:
VDD2047
DRAWING No:
C002
REV ISSUE:
A