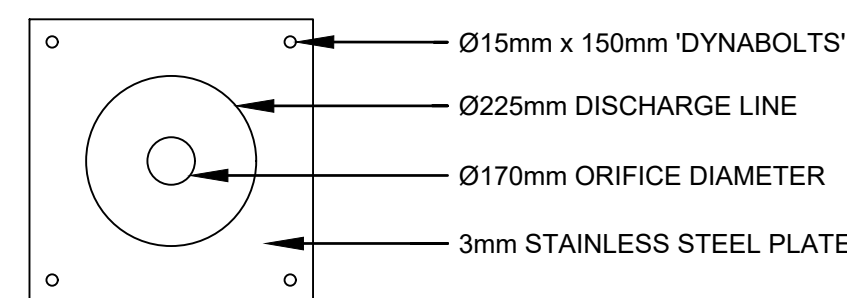


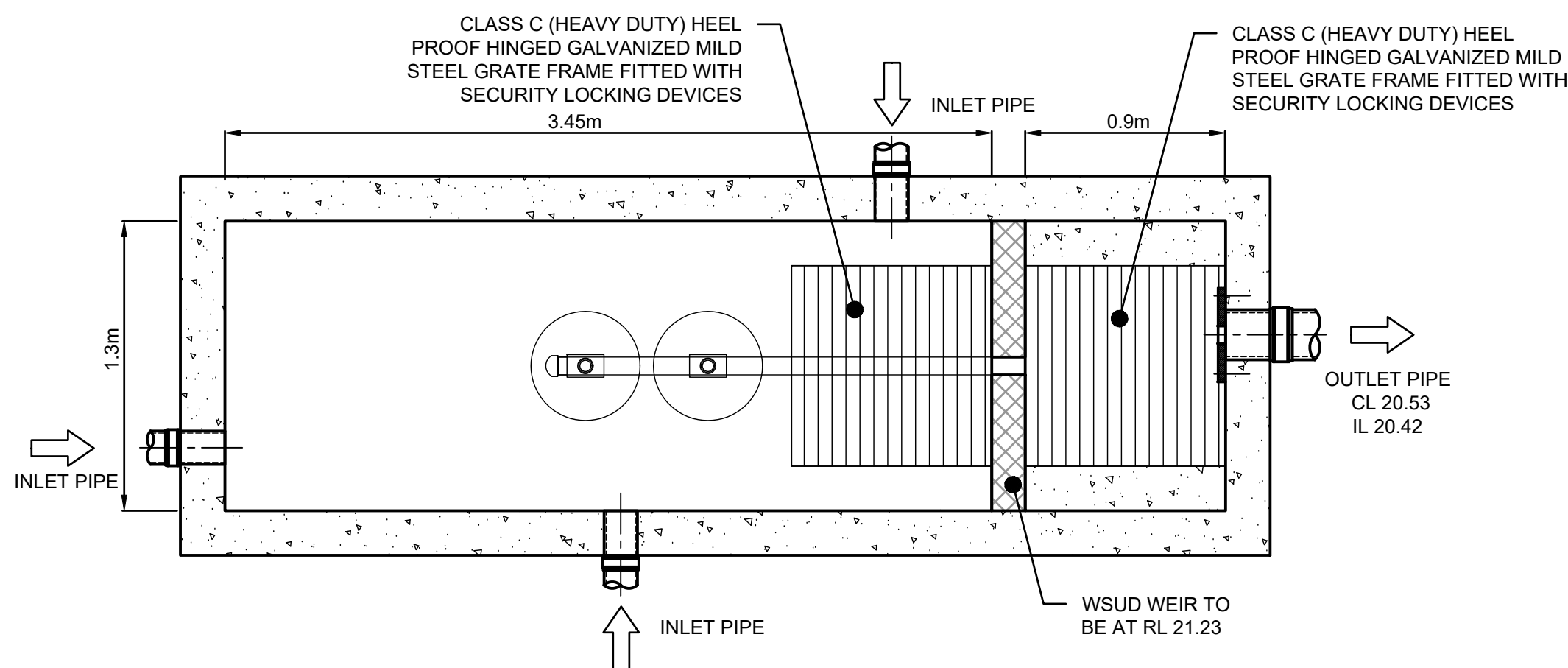
UNDERGROUND OSD/WSUD TANK DETAIL
SCALE 1:10

UNDERGROUND OSD/WSUD TANK
STAGED STORAGE CALCULATIONS

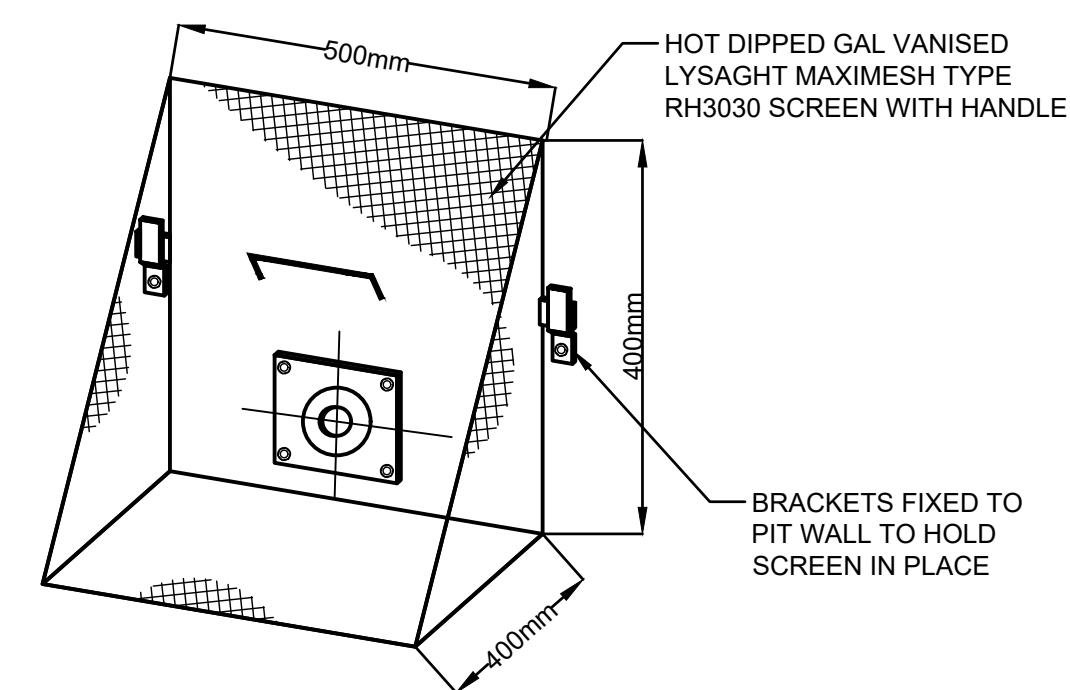
DEPTH (mm)	AREA (m²)	CUMULATIVE VOLUME (m³)
0	5.84	0
100	5.84	0.438
200	5.84	1.022
300	5.84	1.606
400	5.84	2.190
500	5.84	2.774
600	5.84	3.358
700	5.84	3.942
760	5.84	4.385



ORIFICE PLATE DETAIL
SCALE 1:10

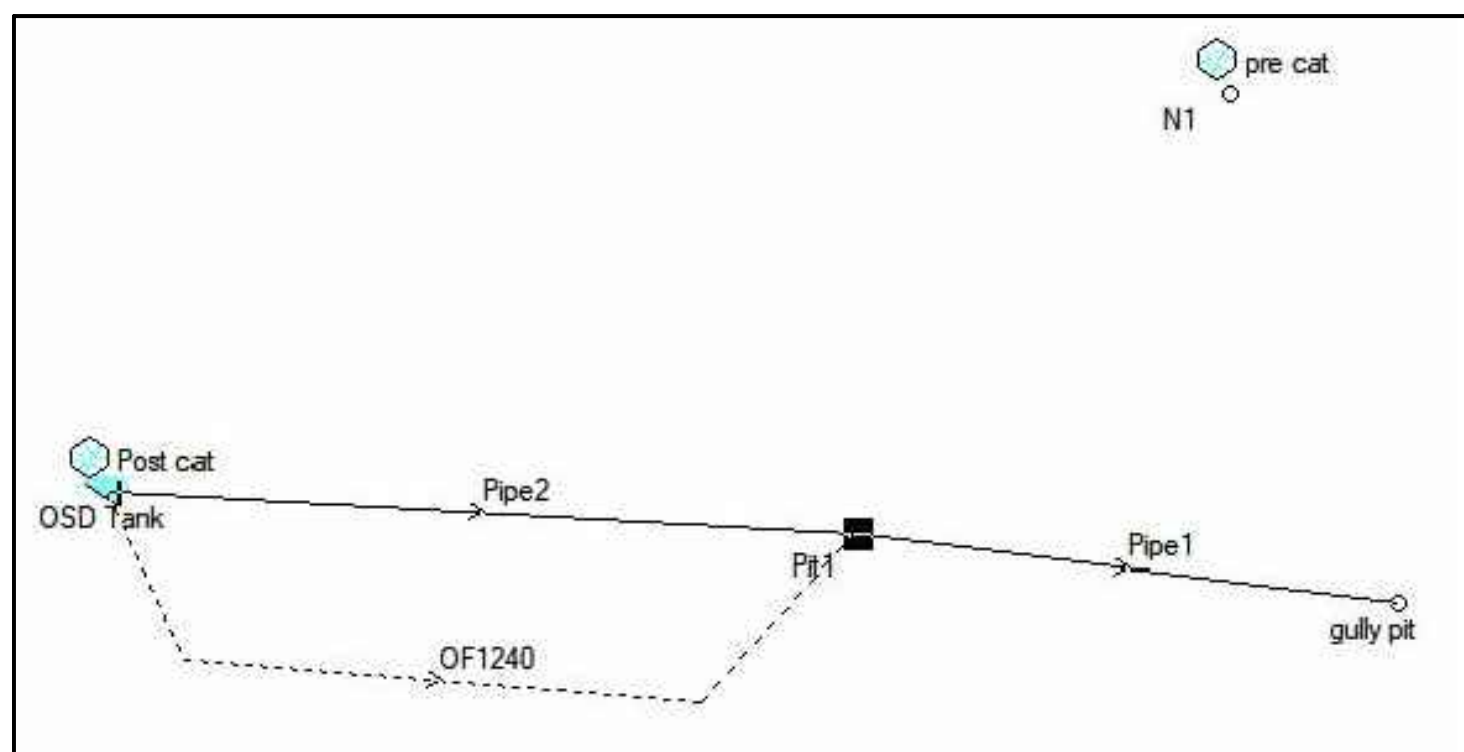


UNDERGROUND OSD/WSUD TANK DETAIL
PLAN VIEW
SCALE 1:25

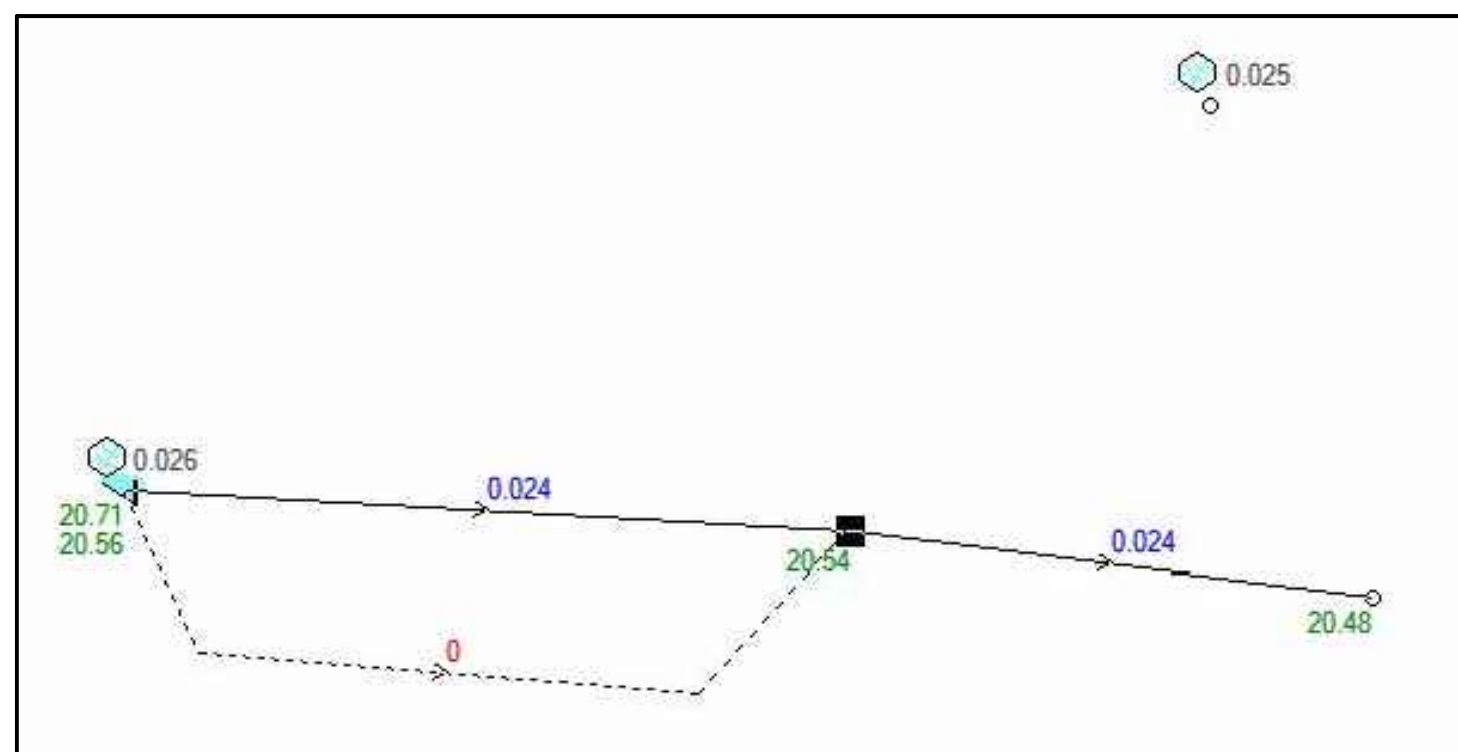


TRASH SCREEN DETAIL
N.T.S.

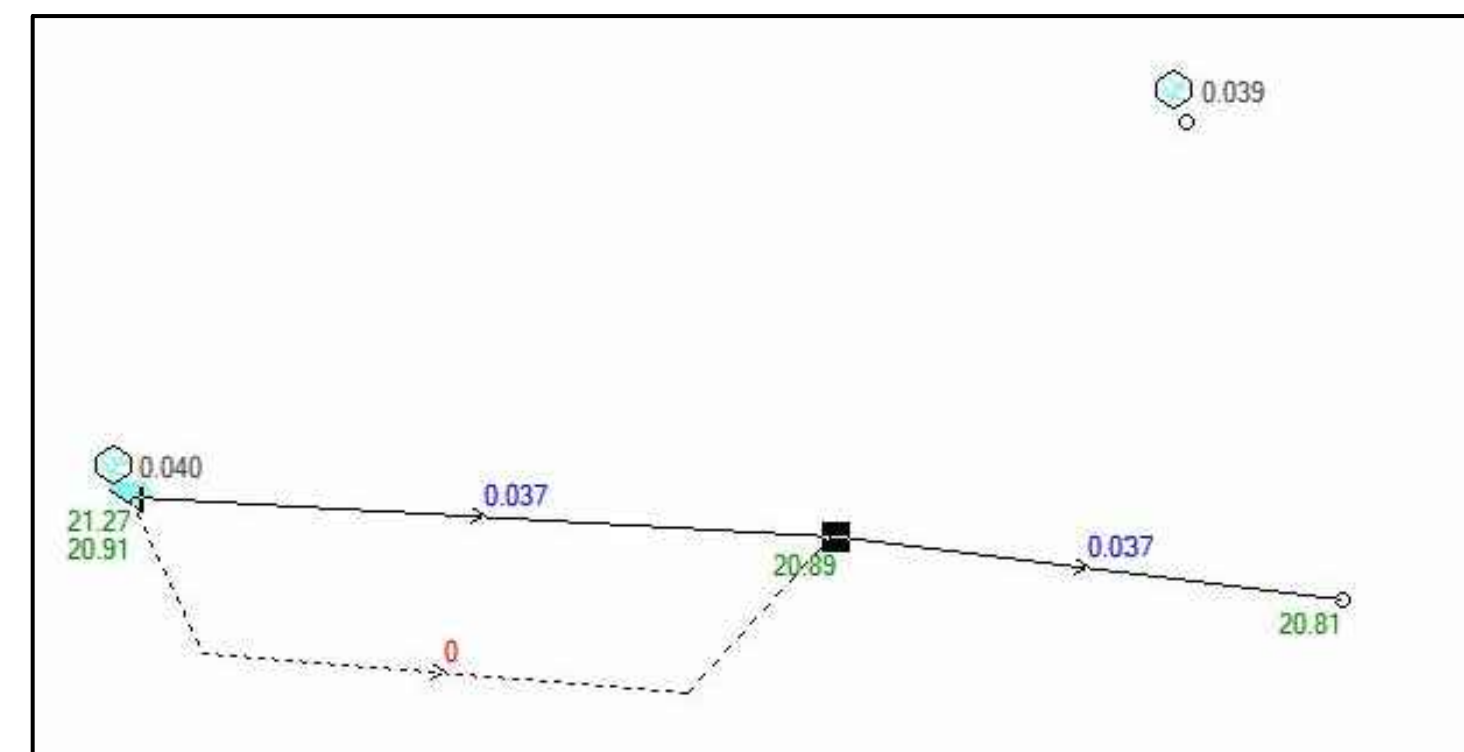
YEAR (event)	PRE DEVELOP FLOWS (l/s)	ORIFICE FLOWS (l/s)	OSD DISCHRG (l/s)	FLOWS BYPASSING OSD (l/s)	TOTAL SITE DISCHARGE (l/s)	WATER STORAGE LEVEL (m)
5	25	24	24	0	24	20.71
100	39	37	37	0	37	21.27



DRAINS WITHOUT RESULTS
N.T.S.



DRAINS RESULTS 5yr
N.T.S.



DRAINS RESULTS 100yr
N.T.S.

NOT FOR CONSTRUCTION

Issue	Description	Date	Design	Checked
A	ISSUE FOR DEVELOPMENT APPLICATION	09/12/2020	AGA	JSF

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Liverpool
City Council

Scale
0 200 400 600mm
SCALE 1:10 @ A1
0 0.2 0.4 0.6 0.8 1.0 1.2m
SCALE 1:25 @ A1

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Project
23 - 25 CHARLES STREET, LIVERPOOL
PROPOSED MULTI-UNIT DEVELOPMENT
STORMWATER CONCEPT PLANS
DEVELOPMENT APPLICATION

Drawing Title
ON-SITE DETENTION DETAILS
AND CALCULATION SHEETS
SHEET 1 OF 2
Scale A1 Project No. 200977 Dwg. No. 102 Issue A

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