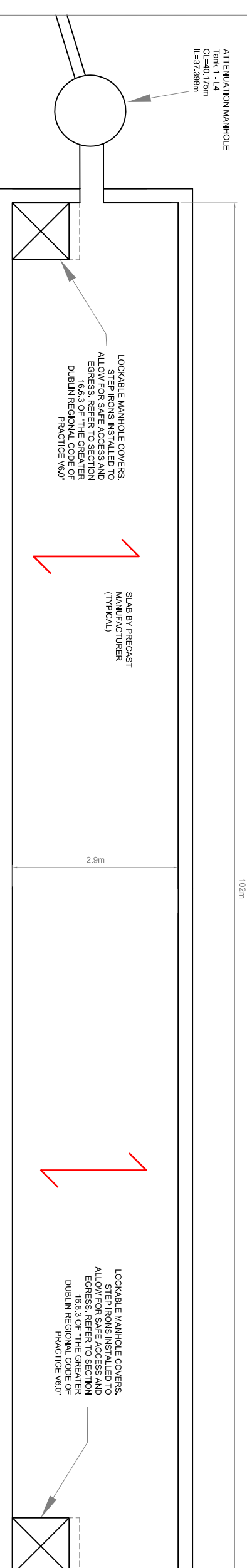
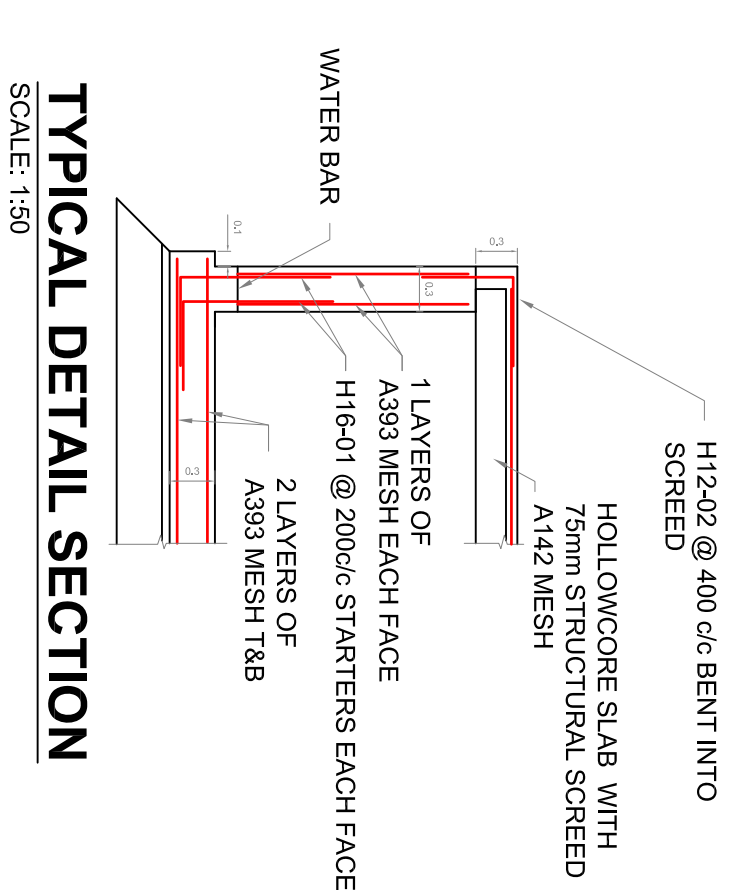


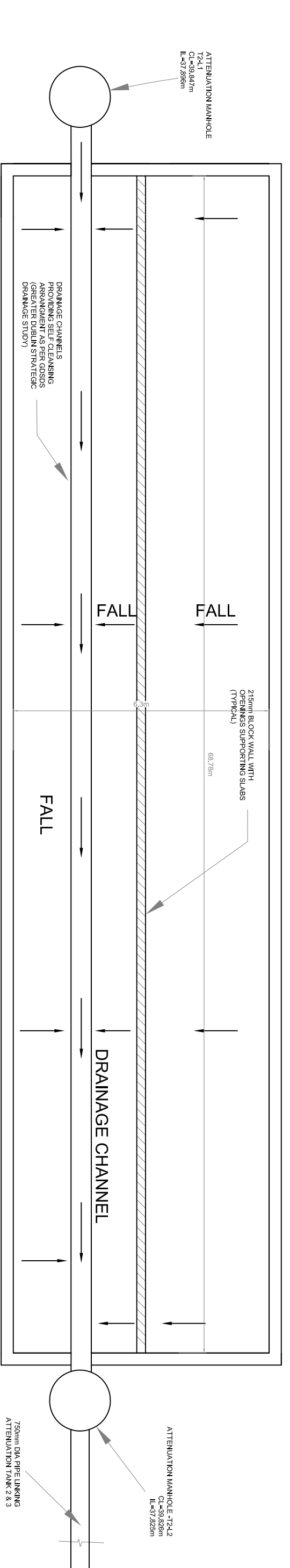
ATTENUATION TANK 1 - FLOOR PLAN
SCALE: 1:100



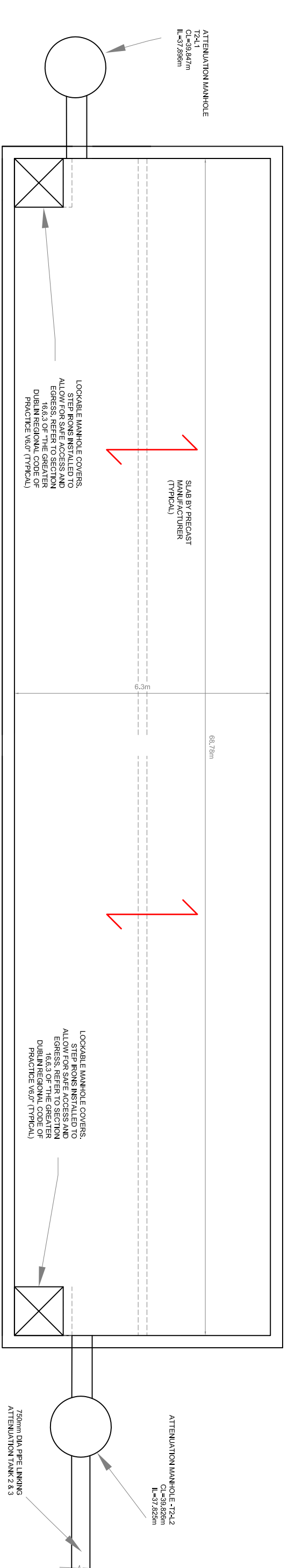
ATTENUATION TANK 1 - ROOF PLAN
SCALE: 1:100



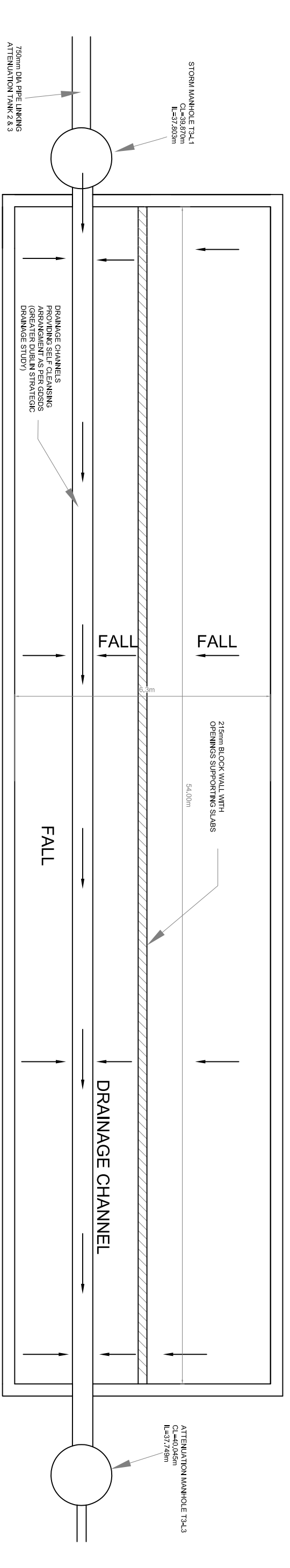
TYPICAL DETAIL SECTION
SCALE: 1:50



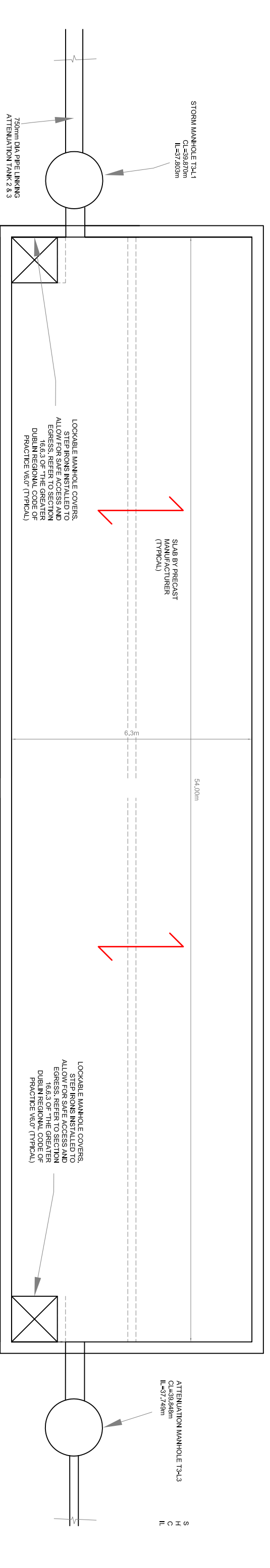
ATTENUATION TANK 2 - FLOOR PLAN
SCALE: 1:100



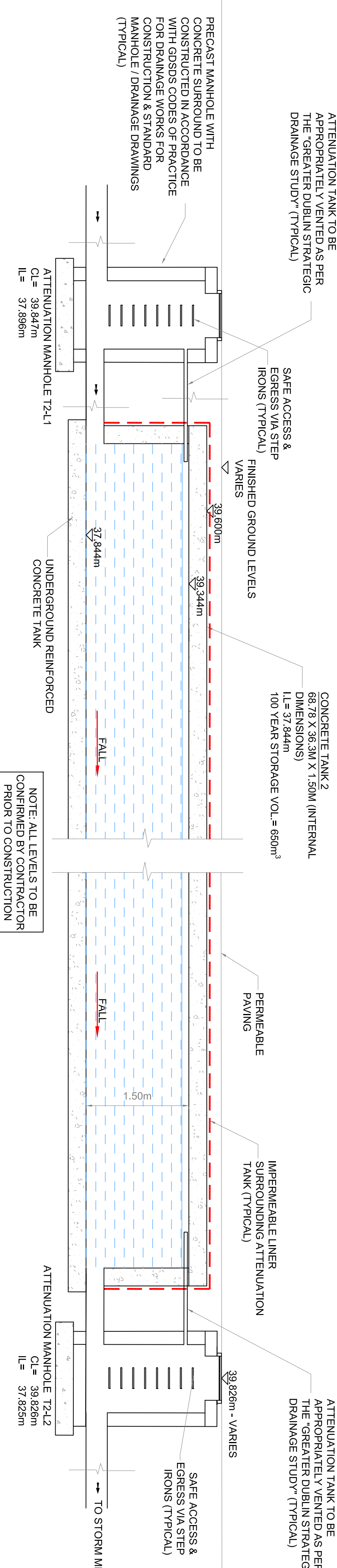
ATTENUATION TANK 2 - ROOF PLAN
SCALE: 1:100



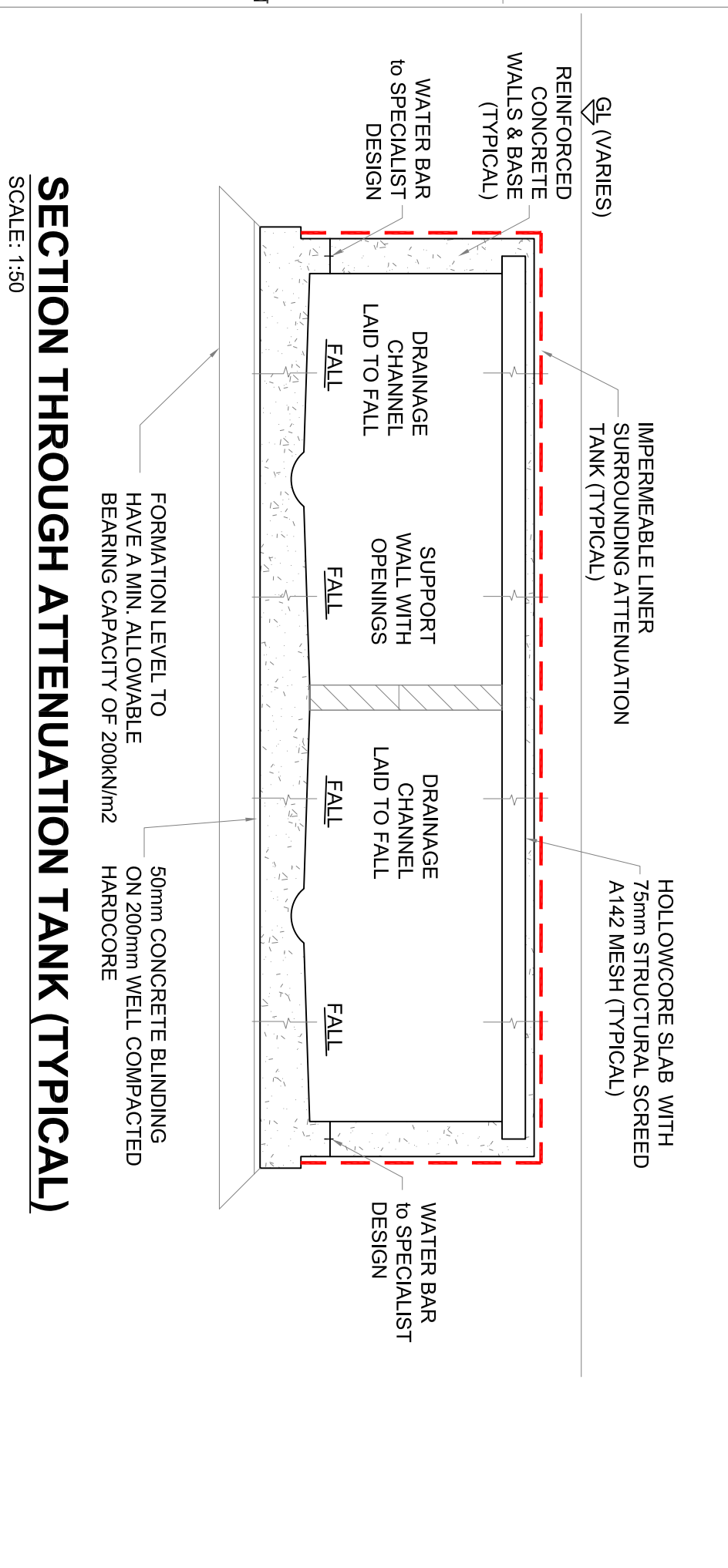
ATTENUATION TANK 3 - FLOOR PLAN
SCALE: 1:100



ATTENUATION TANK 3 - ROOF PLAN
SCALE: 1:100



GENERAL SCHEMATIC OF CONCRETE TANK
SCALE: 1:50



SECTION THROUGH ATTENUATION TANK (TYPICAL)
SCALE: 1:50

DIMENSIONS

Figured dimensions only to be taken from this drawing. All dimensions to be checked on site. Architects to be informed immediately of any discrepancies before work proceeds.

LEGEND

	SELF-CLEANSING DRAINAGE CHANNEL
	BLOCKWORK
	CONCRETE
	IMPERMEABLE LINER

INTERNAL DIMENSIONS

ATTENUATION TANK	LENGTH	WIDTH	DEPTH
ATTENUATION TANK 1	102m	2.9m	1.45m
ATTENUATION TANK 2	68.78m	36.3m	1.50m
ATTENUATION TANK 3	54.00m	6.3m	1.50m

NOTES:

- LOCKABLE MANHOLE COVERS SHALL BE INSTALLED AT EITHER END OF ATTENUATION TANKS AND SHOULD ALLOW FOR SAFE ACCESS AND EGRESS VIA STEP IRONS.
- IN ORDER TO ISOLATE AND CARRY OUT MAINTENANCE OF THE FLOW CONTROL DEVICE A PENSTOCK VALVE (OR SIMILAR APPROVED) SHALL BE INSTALLED WITHIN THE OUTFALL MANHOLE ON THE UPSTREAM END OF THE MANHOLE.
- FOR GRAVITY SYSTEMS A HYDROBREAK (OR SIMILAR APPROVED FLOW CONTROL DEVICE) SHALL BE INSTALLED IN THE LAST MANHOLE.
- THE DESIGN APPROACH OF AN UNDERGROUND TANK SHOULD BE TO MINIMIZE THE NEED FOR ENTRY BY INCLUSION OF SELF-CLEANING REQUIREMENTS.
- THE TANKS WOULD BE REBARRED AS COVERED SPACES, WITH ATTENDANT HEALTH AND SAFETY REQUIREMENTS, STRUCTURES MINIMUM HEIGHT FOR SAFE MAN ENTRY.
- AS WELL AS INSPECTION FOR WATER TIGHTNESS, ALL STRUCTURES INTENDED TO RETAIN WATER FOR LONG PERIODS, SUCH AS SUMPS, TO WEARABLE LOSS OF WATER & EXTERNAL SIGN OF LEAKAGE.

REV

REV	DATE	DETAILS
C01	06/04/22	ISSUED FOR SHD APPLICATION

CLIENT

Eastwise Construction Swords Ltd

PROJECT

Attenuation Tank Details - Tanks 1, 2 & 3
Typical Concrete Tank

SCALE

As Shown @ A1

DATE

April 2022

DRAWN BY:

DOB

CHECKED BY:

MS

REV

C01

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CLIENT

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PROJECT

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Typical Concrete Tank

SCALE

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C01

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	BLOCKWORK
	CONCRETE
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