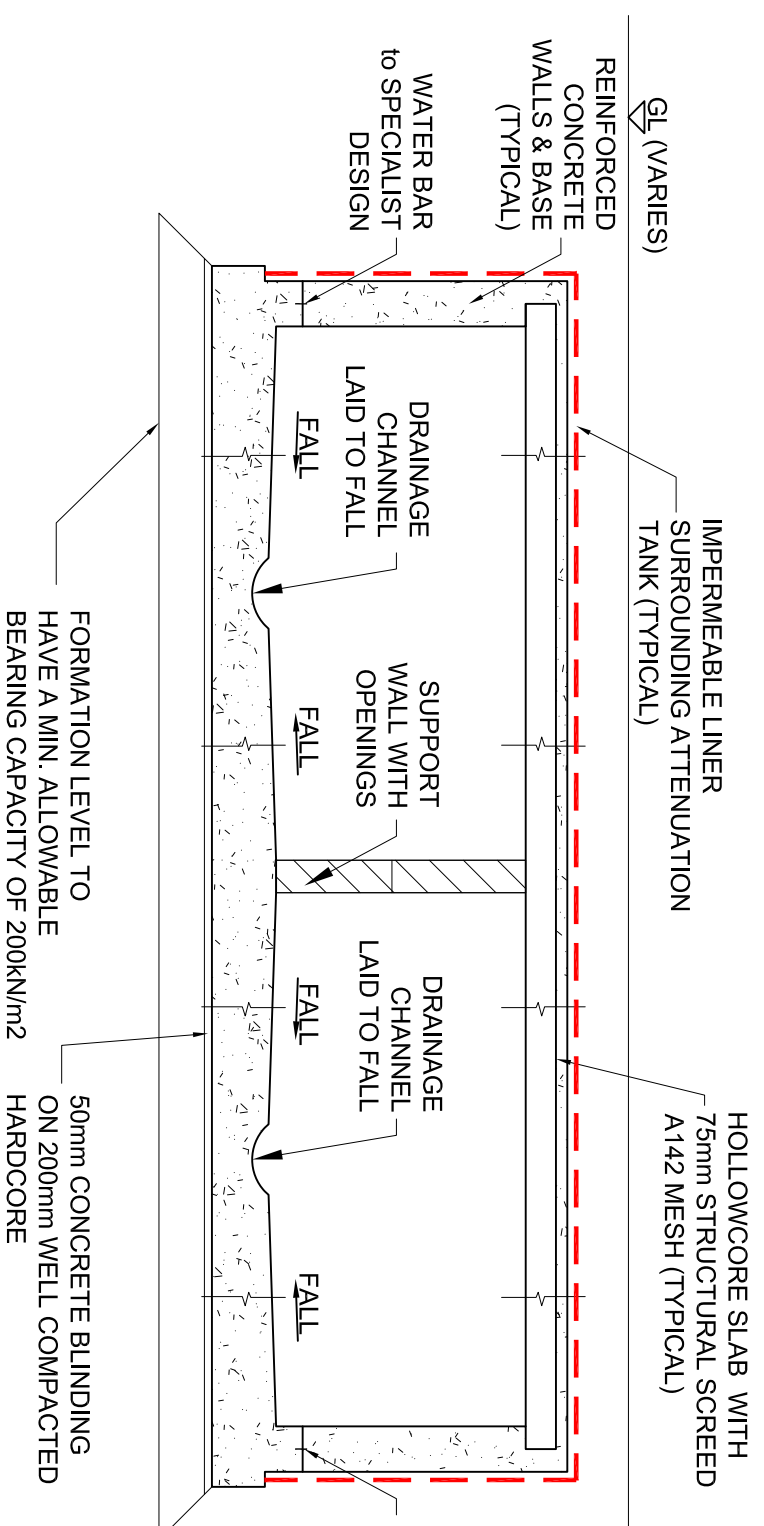
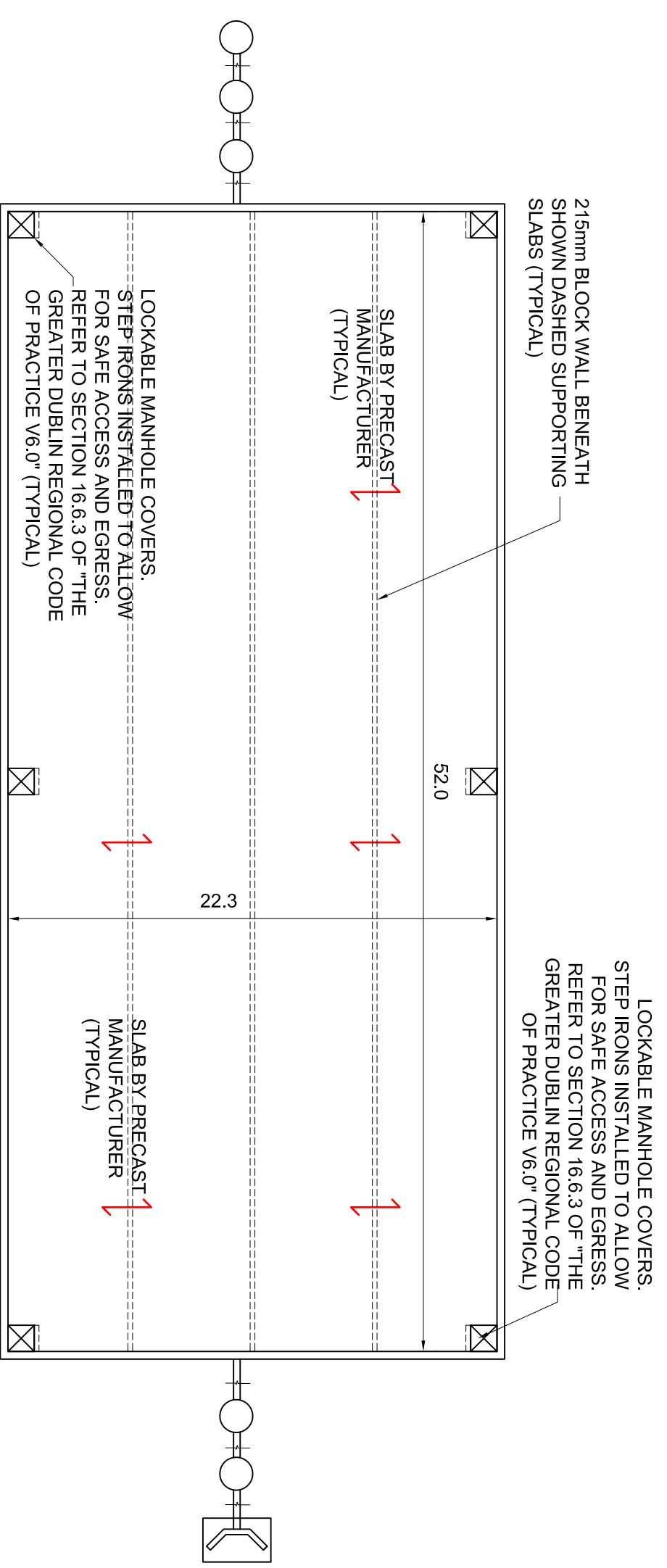


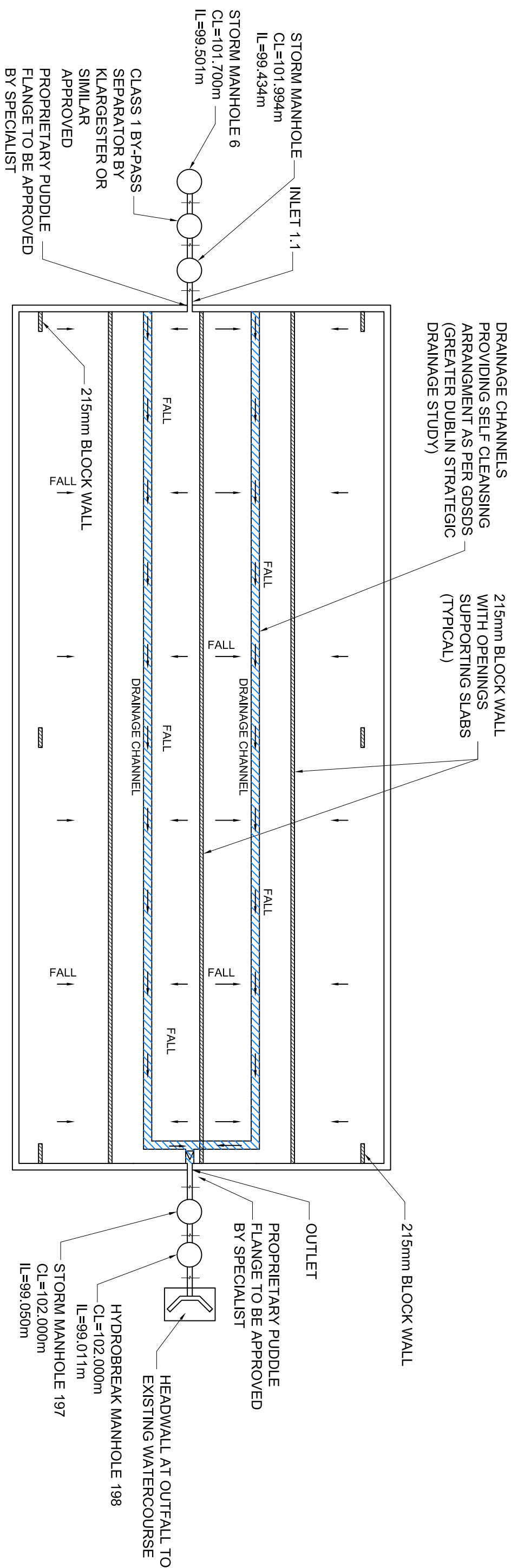
ATTENUATION TANK 1 KEY PLAN
SCALE: 1:500



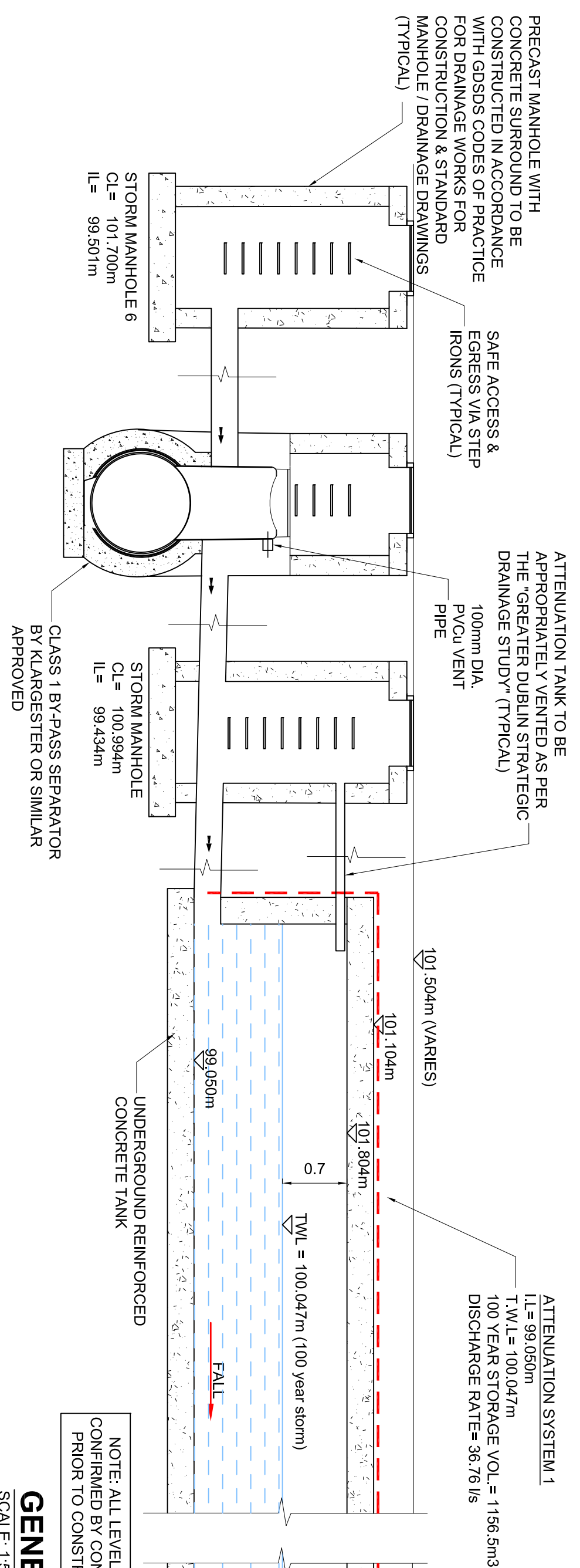
SECTION THROUGH ATTENUATION TANK (TYPICAL)
SCALE: 1:50



ATTENUATION TANK ROOF PLAN
SCALE: 1:250



ATTENUATION TANK FLOOR PLAN
SCALE: 1:250



GENERAL SCHEMATIC OF ATTENUATION SYSTEM 1
SCALE: 1:50

- 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 MINIMISE THE NEED FOR ENTRY BY INCLUSION OF SELF-CLEANSING ARRANGEMENTS.
 - THE TANKS WOULD BE REGARDED AS CONFINED SPACES WITH ATTENDANT HEALTH AND SAFETY REQUIREMENTS. STRUCTURES WOULD THUS NEED TO BE APPROPRIATELY VENTED AND HAVE MINIMUM HEIGHT FOR SAFE MAN ENTRY.
 - AS WELL AS INSPECTION FOR WATER TIGHTNESS, ALL STRUCTURES INTENDED TO RETAIN WATER FOR LONG PERIODS, SUCH AS SLIMS, INTERCEPTORS & TANKS, SHALL BE WATER TESTED TO CONFIRM TO MEASURABLE LOSS OF WATER & EXTERNAL SIGN OF LEAKAGE.

ISSUED FOR PLANNING

DIMENSIONS
Figure 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

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REV	DATE	DETAILS
1	03.12.18	ISSUED FOR PLANNING
A	07.12.18	ISSUED FOR PLANNING

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CLIENT Rocktore 1 Limited	TITLE Attenuation Details - Storm Catchment No. 1
PROJECT Proposed Strategic Housing Development at Dunshaughlin East	SCALE As Shown @ A1
DATE Nov 2018	DRAWN BY: SC
CHECKED BY: PC	JOB No. J18-001
REV A	DRAWING No. 021