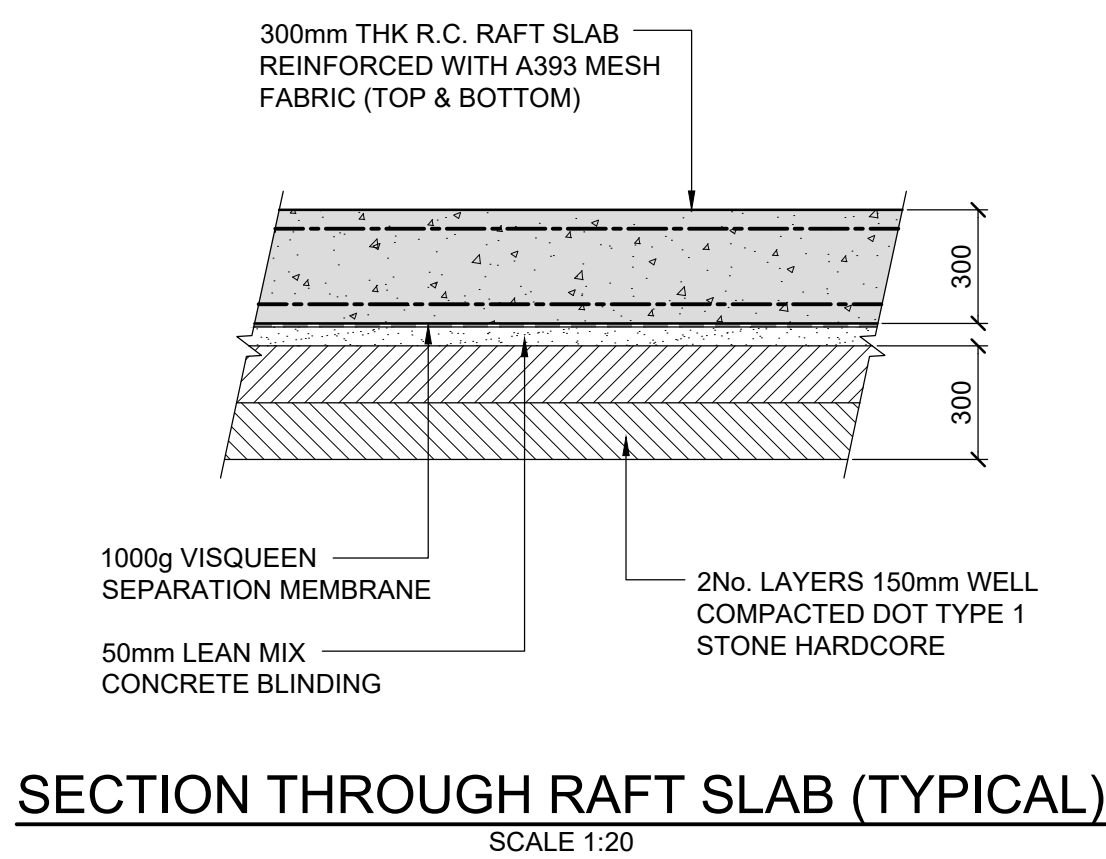
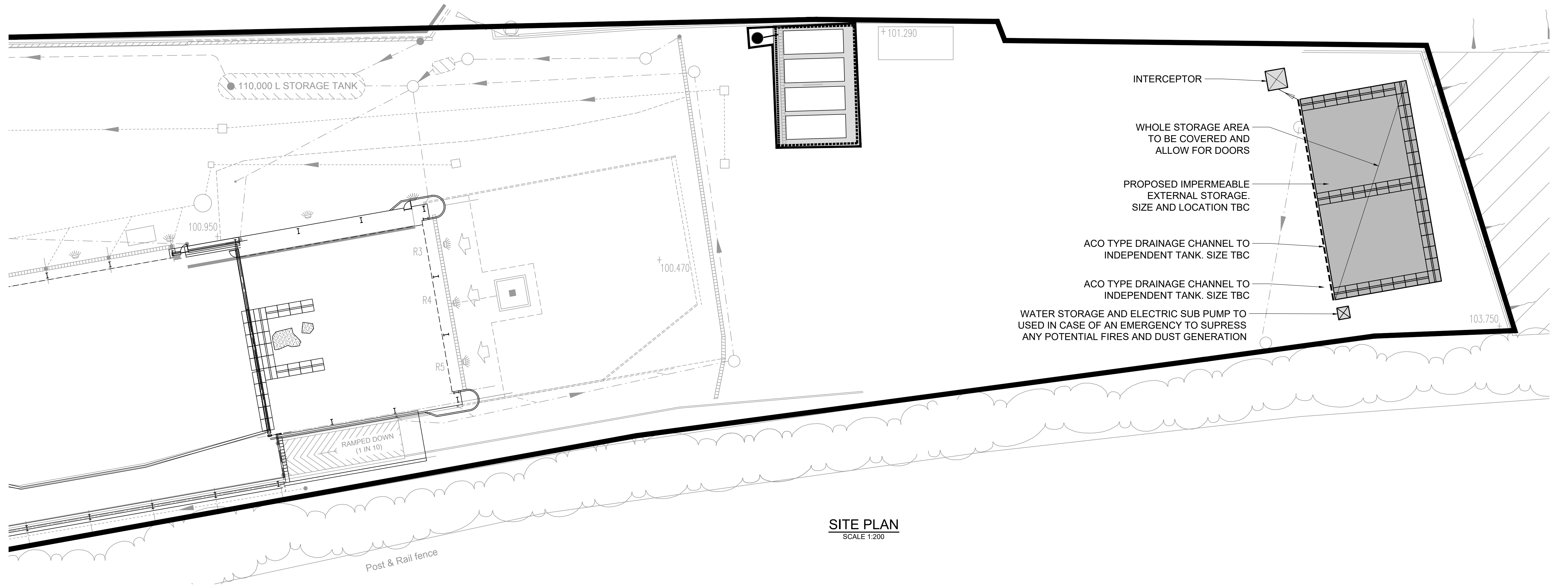




SECTION THROUGH RAFT SLAB (TYPICAL)
SCALE 1:20

CONCRETE

- ALL STRUCTURAL CONCRETE TO BE GRADE C32/40
ALL BLINDING CONCRETE TO BE GRADE C16/20
ALL MIXES TO COMPLY TO BS EN 206-1 2000
- EXCEPT WHERE MASS CONCRETE BACKFILL IS USED, BASE TO BE CAST ON A MINIMUM OF 50mm BLINDING CONCRETE.
ALL BLINDING CONCRETE TO BE GRADE C16/20 AS NOTE 1
THE FORMATION FOR BASE SHALL BE PROTECTED AS SOON AS PRACTICABLE AFTER EXPOSURE.
- FOR SURFACE FINISHES TO CONCRETE REFER TO THE SPECIFICATION FOR CONCRETE WORKS.
- WHERE PIPES AND DUCT EXIT FROM CONCRETE A ROCKER PIPE IS REQUIRED NOT MORE THAN 300mm FROM THE FACE OF THE CONCRETE.
- CONCRETE IN R.C. FLOOR SLAB TO BE A DESIGNED MIX IN ACCORDANCE WITH THE REQUIREMENTS OF BS EN 206/1, BS 8500/2 & BS 8110-1 / BS EN 1992-1-1.
DESIGNED MIX
ORDINARY PORTLAND CEMENT TO BS12
COARSE & FINE AGGREGATE TO BS 882
NOMINAL MAXIMUM SIZE OF AGGREGATE = 20mm
STRENGTH CLASS C28/35
MINIMUM CEMENT CONTENT = 340kg/m³
RATE OF SAMPLING - 12m³
WORKABILITY - TARGET SLUMP = 50mm
NO ADDITIVES TO THE CONCRETE WILL BE ALLOWED UNLESS AGREED WITH THE ENGINEER
- ALTERNATIVELY, FND2 DESIGNATED MIX IN ACCORDANCE WITH THE REQUIREMENTS OF BS EN 206/1, BS 8500/2 & BS 8110-1 / BS EN 1992-1-1
- MINIMUM LAPS IN MESH FABRIC REINFORCEMENT = 450mm.
- CONCRETE TO BE WELL COMPACTED USING POKER VIBRATORS.

NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES.
- ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS', ENGINEERS' AND SPECIALISTS' DRAWINGS TOGETHER WITH THEIR SPECIFICATIONS.
- DO NOT SCALE FROM THIS DRAWING, ONLY WRITTEN OR CALCULATED DIMENSIONS TO BE USED.
- IF SPECIFIED ITEMS ARE REPLACED WITH SIMILAR ITEMS THE RELEVANT DOCUMENTATION / CALCULATIONS SHOULD BE SUBMITTED TO THE ENGINEER TO DEMONSTRATE THEIR SUITABILITY.
ONLY WHEN APPROVAL IS RECEIVED CAN THAT ITEM BE USED.
- SHOULD THERE BE ANY CONFLICT BETWEEN THE DETAILS INDICATED ON THIS DRAWING AND THOSE INDICATED ON OTHER DRAWINGS, THE ENGINEER SHOULD BE INFORMED PRIOR TO CONSTRUCTION ON SITE.
- FOR SETTING OUT OF MASONRY WALLS REFER TO RELEVANT ARCHITECT'S DRAWINGS.

P2	OCT'17	HM	DRAWING AND LAYOUT REVISED
P1	OCT'17	HM	LAYOUT AMENDED
P0	OCT'17	HM	PRELIMINARY ISSUE
REV.	DATE	DRAWN	DESCRIPTION
THIS INFORMATION IS CONFIDENTIAL AND THE PROPERTY OF BIFFA WASTE SERVICES LTD. AND IS RELEASED ON A CONDITION THAT NONE OF THE INFORMATION SHALL BE DISCLOSED TO ANY THIRD PARTY OR REPRODUCED IN WHOLE OR PART WITHOUT THE PRIOR CONSENT IN WRITING OF BIFFA WASTE SERVICES LTD.			
Biiffa Biffa Waste Services Ltd Portland House Bickenhill Lane Birmingham B37 7YU Tel: 0121 6616739 Fax: 0121 7828754 E-mail: michelle.saunders@biffa.co.uk			
PROJECT	FIRE DAMAGE SURVEY		DRAWN HM
LOCATION	ESSEMER CLOSE, CARDIFF		DATE OCT. 2017
DRAWING TITLE	PROPOSED EXTERNAL STORAGE SITE PLAN		SCALE(S) 1:200, 1:20
DRAWING No.	005	COMPUTER REF.	6044