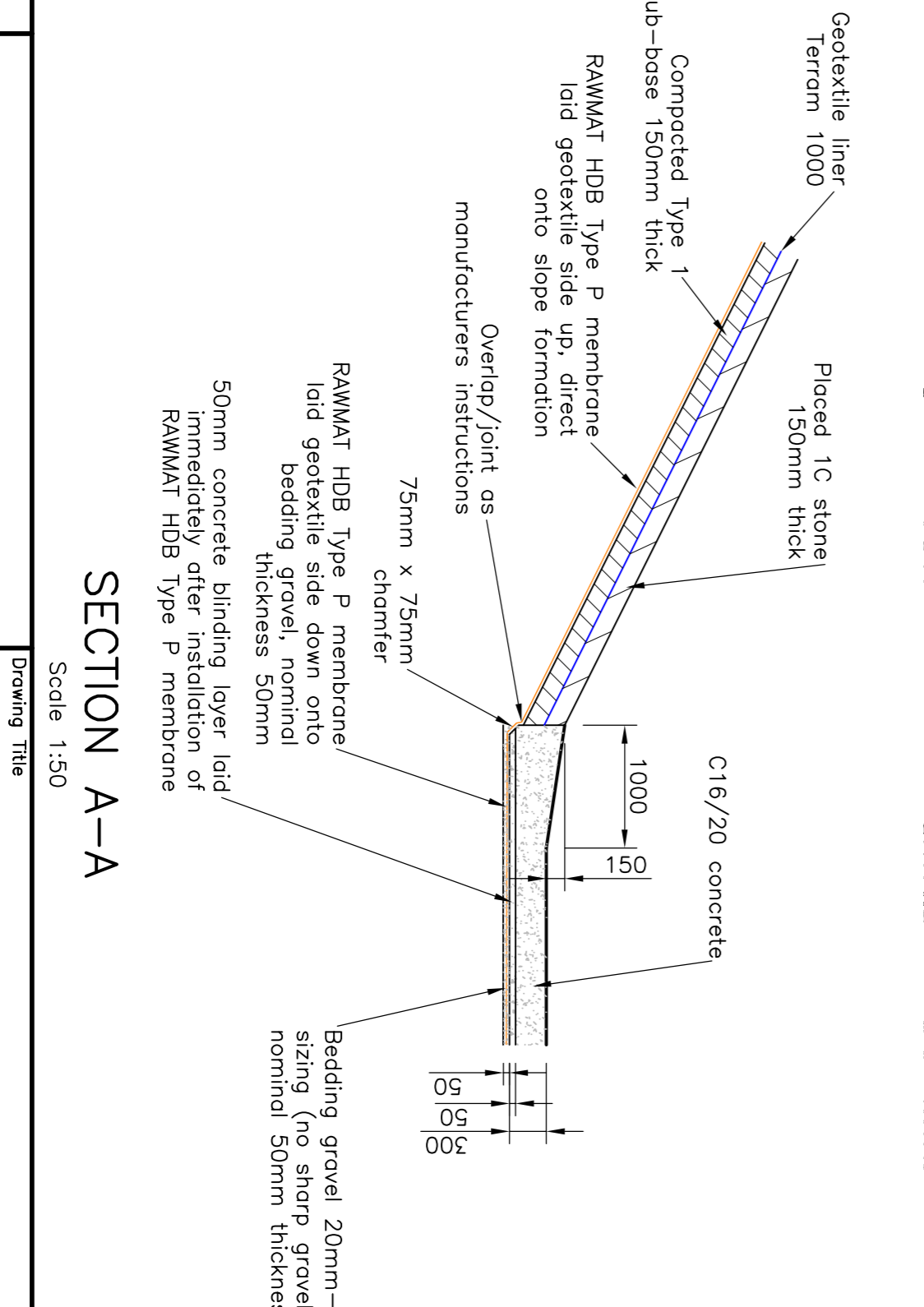


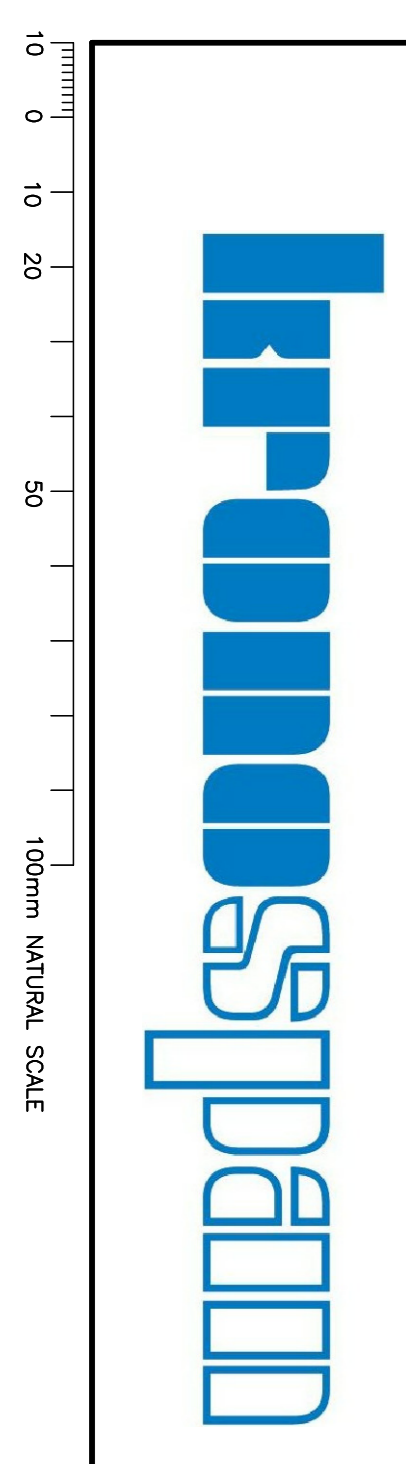
PLAN
Scale 1:200



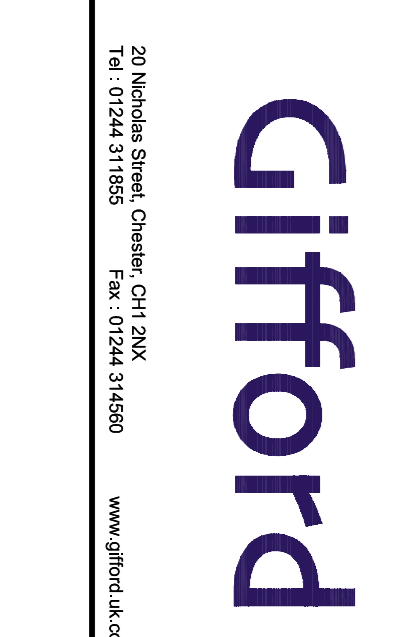
SECTION A-A
Scale 1:50

Rev.	Appr.	Date	Description
A	JAGW	10.08.09	TENDER Minor amendments to notes
B	JAGW	10.09.09	TENDER Flow meter and Water Treatment cobling added
C	THG	03.02.10	TENDER Lagoon detail amended
D	BW	18.02.10	TENDER Changes as shown Note 9 amended
E	BW	16.03.10	TENDER as shown
F	BW	17.05.10	FOR CONSTRUCTION
G	SC	13.08.10	FOR CONSTRUCTION Lagoon revised and water treatment works revised
H	MB	27.08.10	FOR CONSTRUCTION Notes amended. Levels added from Amendments clause. Outflow lagoon amended to pumps. Overflow amended
J	RE	16.09.10	FOR CONSTRUCTION Notes amended. Retaining walls, walkway removed. Lagoon low level outfall removed

- NOTES**
- All levels are in metres above ordnance datum.
 - This drawing should only be read in relation to the subject of the title. Other information shown on the drawing is to be considered indicative only. Reference should be made to the appropriate drawing series for other information.
 - Do not scale from this drawing.
 - It is the responsibility of the Contractor to check the validity of primary setting out control of stations prior to carrying out work on site.
 - All dimensions are in millimeters unless otherwise stated.
 - For setting out information, refer to drawing 16147/H/000/02 & 03 and MX string report.
 - All work to be carried out to the Civil Engineering Specification for the Water Industry (CESWI) 6th Edition.
 - Lagoon constructed in 300mm thick concrete, C16/20. Saw cuts at 6000mm spacing.
 - Concrete construction and banked fill on sideslopes to be undertaken by RAMMAT HDB Type P waterproofing membrane, suitably lapped as per manufacturers recommendations and finished as detailed on Section A-A. Membrane to be securely sealed around the extremities of all access structures and pipework within the lagoon area.
 - Solids handling area and access ramp constructed with 200mm thick C32/40 concrete with B503 steel fabric 50mm from surface on a 150mm thick layer of Type 1 sub-base.
 - Fencing to be as detailed on drawing 16147/H/300/01.
 - Water treatment plant capacity 224 L/S or 1 in 100+20% year storm event. Lagoon storage capacity 2200 cumm.
 - Below ground waterproofing to S.W. clause 2004 to be applied to all buried concrete structures.
 - 2No. 150ø Existing filter drains to be utilised as back of wall drainage to water treatment chamber and discharged into lagoon through headwall.



THE RAIL SIDING PROJECT



LAGOON PLAN AND PROPOSED FLOATING DISCHARGE ARM DETAILS

Date	Kronospan Approved
AS SHOWN	J