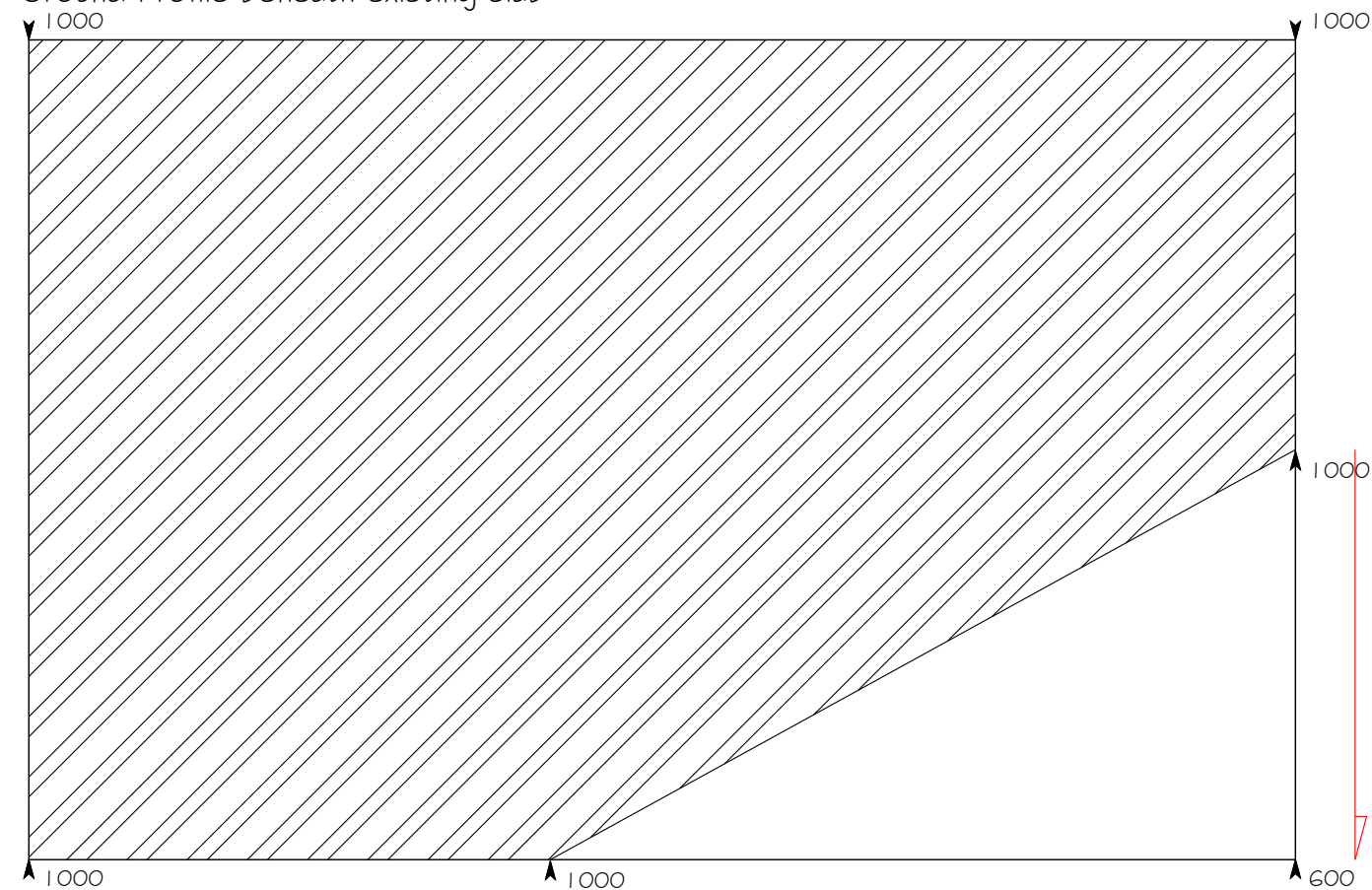


Ground Profile beneath existing slab



Fall in ground level 400 mm appx

Fall in ground level 400 mm appx



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Site Address	Cilybebyll, Pontardawe, Port Talbot, SA8 3JH
Client	Dale Maintenance
Purpose / Stage	Concept

Site Levels for Raft Design

Scale 1:20

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Drawing No.

Revision.

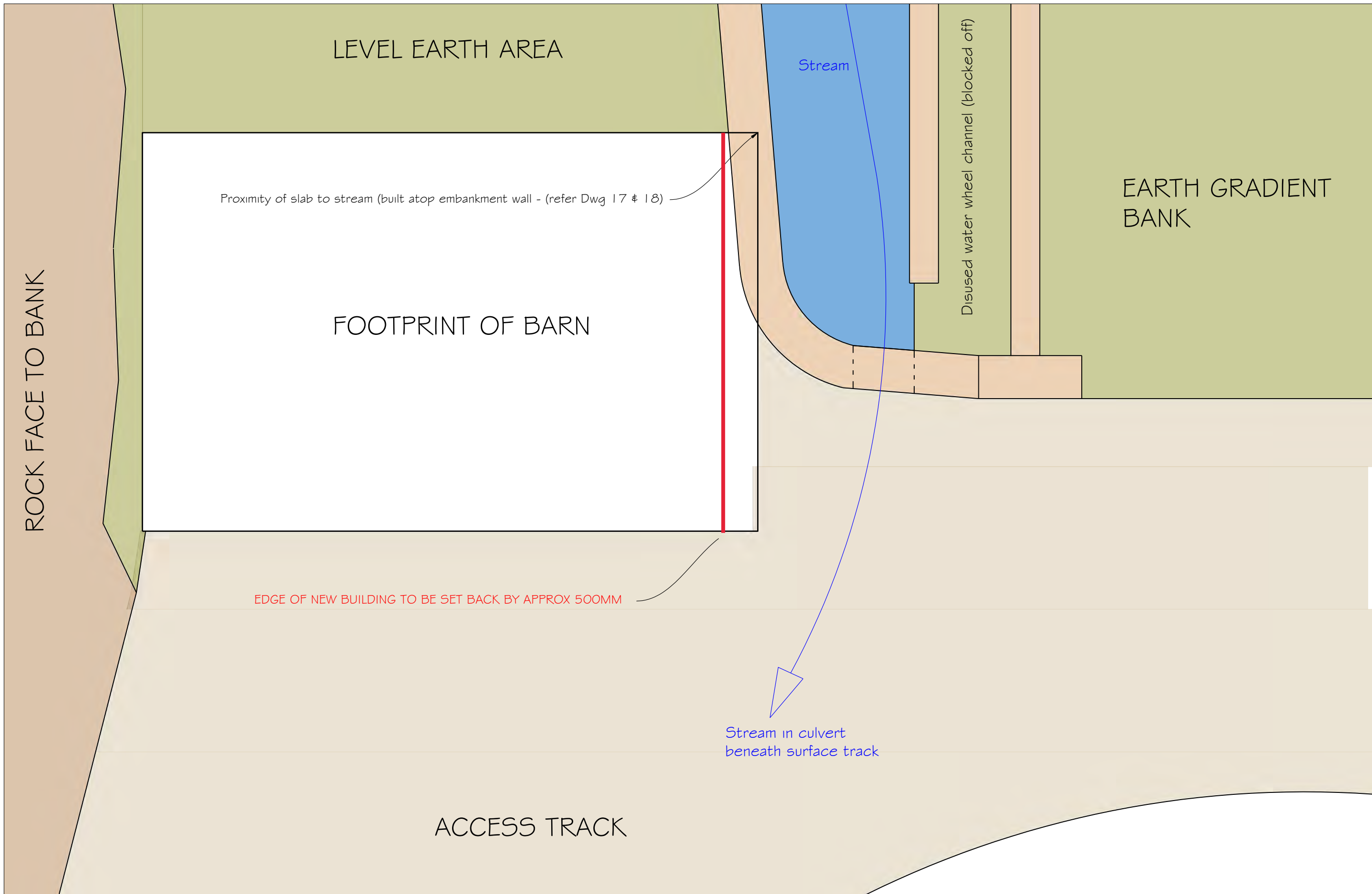
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Schematic Site Plan

Scale APPX 1:50 - TAKE AS NTS

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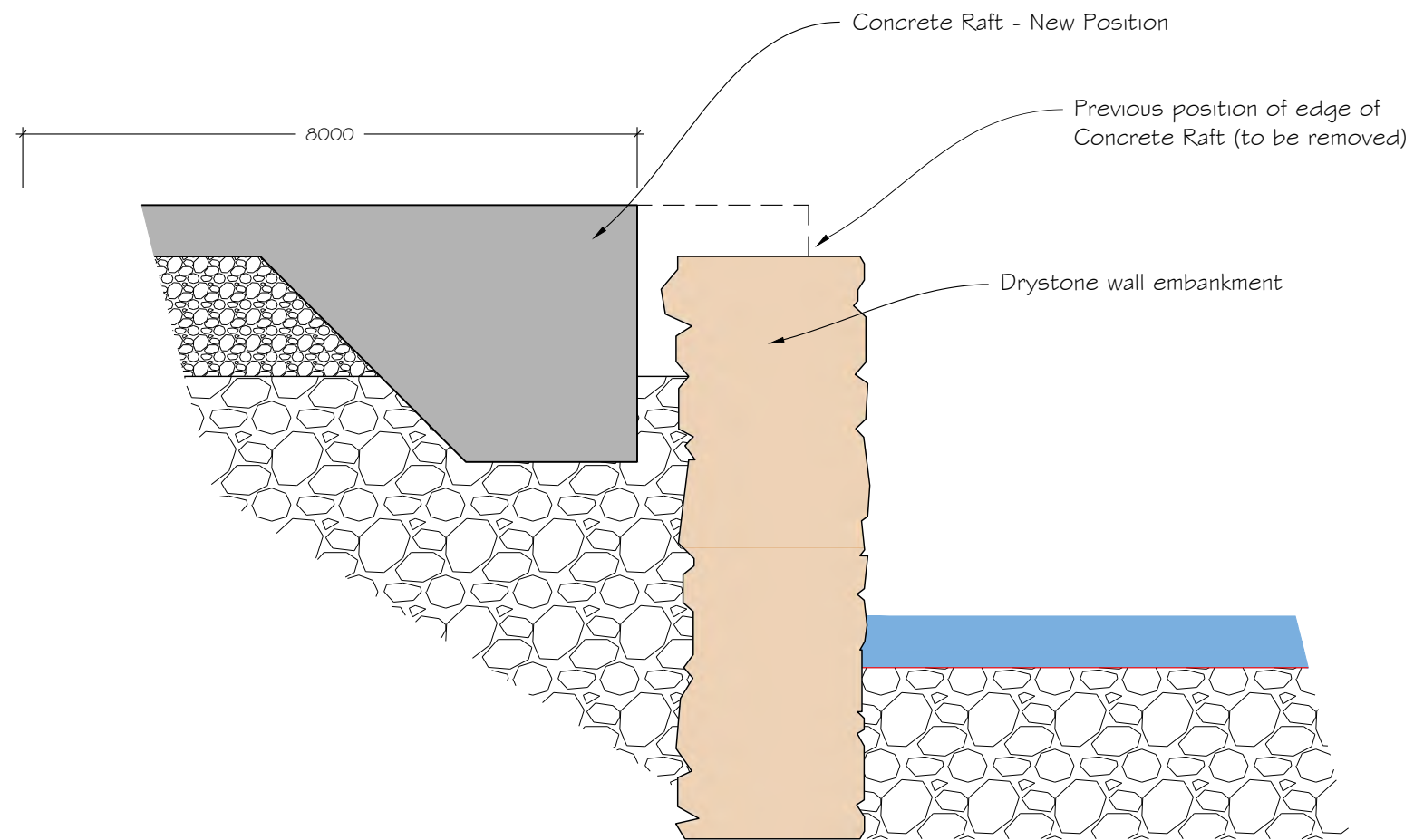
Pic.18 View of stream adjacent to edge of barn slab.
Note close proximity of the slab to the stream - this was intentional at the time of original building - as there is a wash out channel from the barn (milking shed) to directly into the stream - for the disposal of cattle waste.
The dry stone walls that form the side of the stream bank and the above ground section preventing fall into the stream are in poor condition and will likely need taking down and rebuilding due both due to the likelihood of disturbance during the works and the obstruction of some elements.



Pic.19 At its closest point to the vertical wall of the stream embankment the existing slab sits atop the embankment wall - with only 150mm or so of edge projection before the vertical face of the wall drops to the stream bed - a height of appx 1200 mm.

The wall would need to be reduced in height to accommodate the depth of the concrete raft edge and associated formwork.

REDUCING THE LENGTH OF THE STRUCTURE BY APPROX 500 MM WOULD BE RECOMMENDED. THE OPPOSITE END IS A ROCK BANK (PIC 8 OF PRECEDING REPORT), SO THE BUILDING CANNOT BE REPOSITIONED FURTHER TOWARD THE BANK.



PROPOSED RAFT EDGE POSITION (REDUCED LENGTH FOOTPRINT)

Reduce the structure length by 500 mm



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Schematic Site Plan

Scale NTS

Drawing No.

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