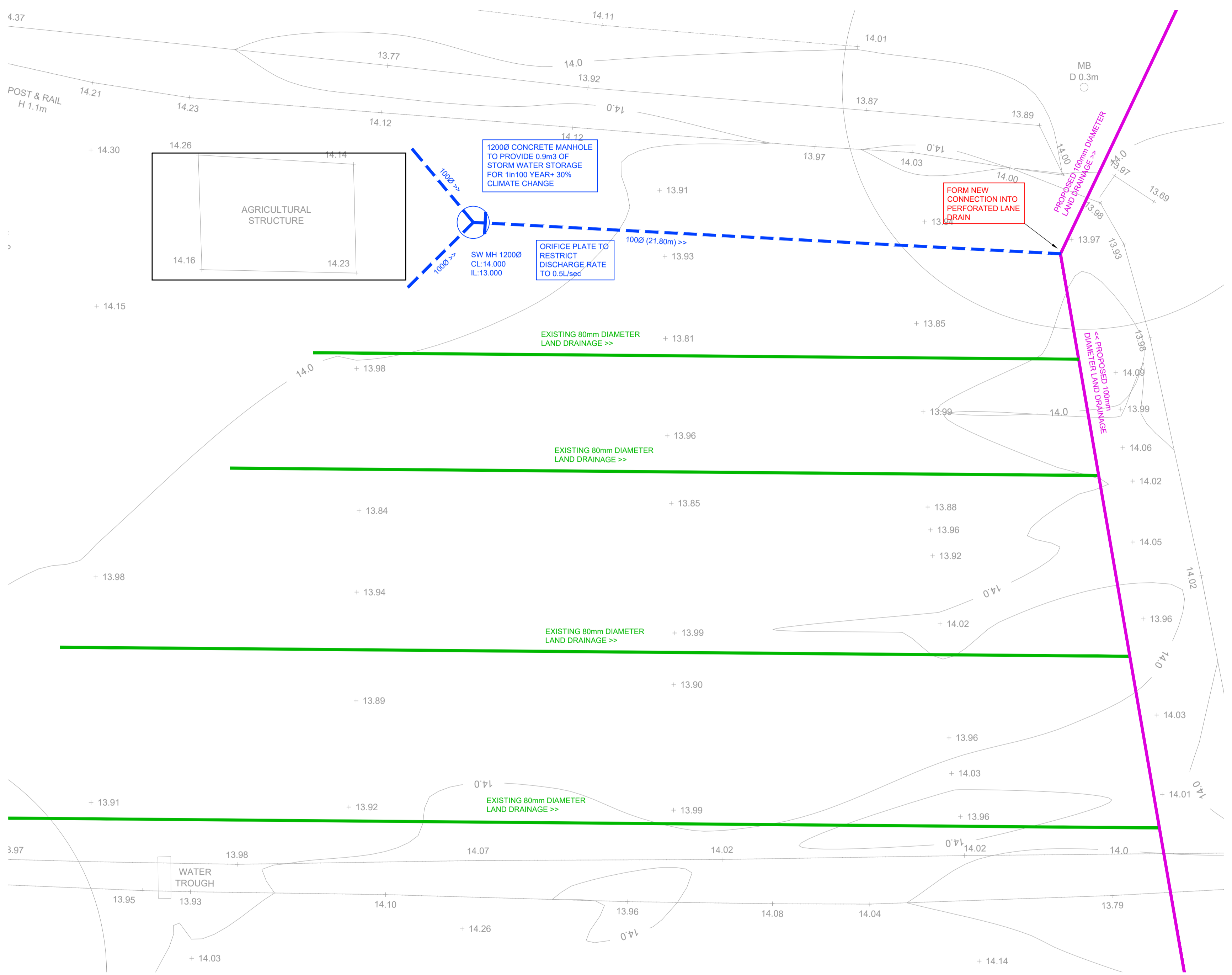


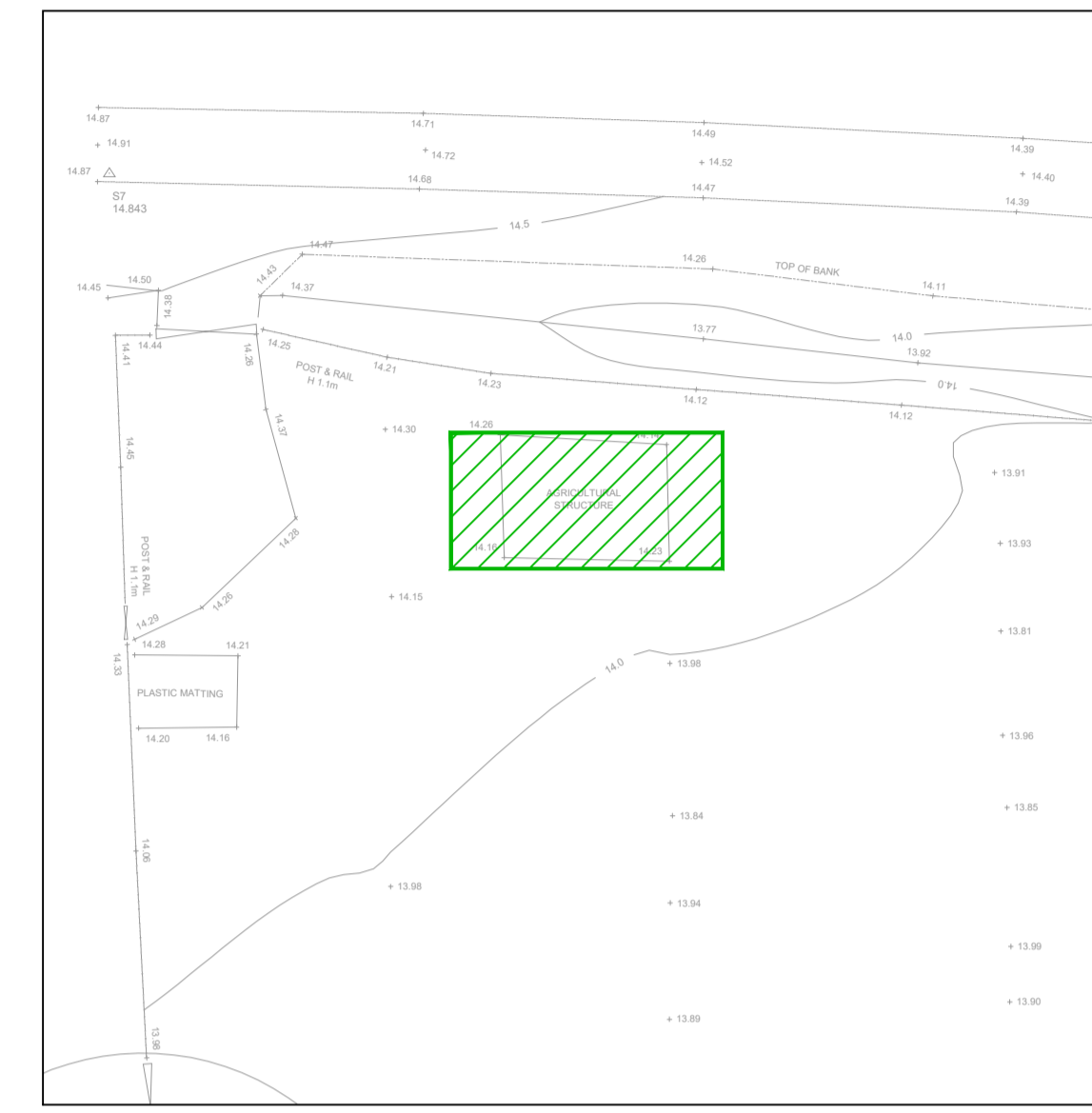
**RWP AND SVP/FOUL CONNECTIONS ARE SUBJECT TO FINAL CONFIRMATION BY ARCHITECT**

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**DO NOT SCALE OFF THIS DRAWING**

- Notes:**
1. This drawing is to be read in conjunction with all relevant architect's and engineer's drawings.
  2. It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.



**Proposed Drainage Strategy (1:100)**



**Proposed Impermeable Area (1:250) = 50m<sup>2</sup>**

**Drainage Strategy**

The site is located within flood zone 1 with a low risk of flooding from rivers or the sea and is less than 1 hectare, therefore a site specific flood risk assessment should not be required.

Based on City of York Councils Sustainable Drainage Systems Guidance and agreed on site the proposed site will be attenuated and restricted to 0.5l/s.

NPPF guidelines require that surface water arising from a developed site should as far as practicable be managed in a sustainable manner to mimic the surface water flows arising from the site prior to development.

**Surface Water:**

Flow restriction 0.5l/s

The proposed impermeable area is 50m<sup>2</sup>. Based on a flow restriction of 0.5l/s and modelling using Micro Drainage software the attenuation requirement for a peak return period of 1 in 100year plus 30% climate change is **0.9m<sup>3</sup>**.

Attenuation to be provided via **1200mm DIAMETER CONCRETE MANHOLE**. The flows will be attenuated using a 18mm Orifice Plate.

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Client <b>MRW Construction Services Ltd</b>			
Project <b>Limefield Farm, Scoreby</b>			
Drawing title <b>Drainage Strategy</b>			
Drawn TM	Chkd	Date Nov 2021	Scale As Shown @ A1
Contract No. 21588	Drng No. DR-C-0100	Revision	P1