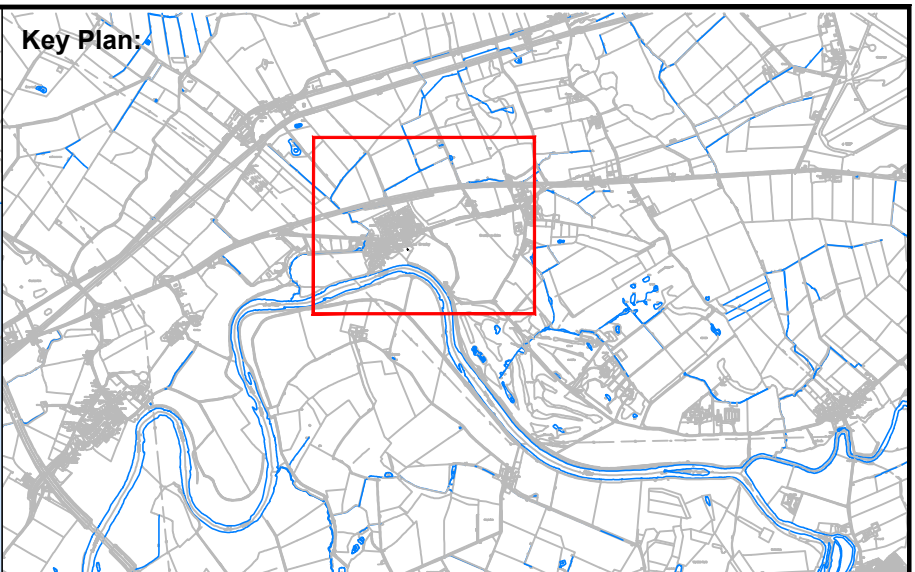
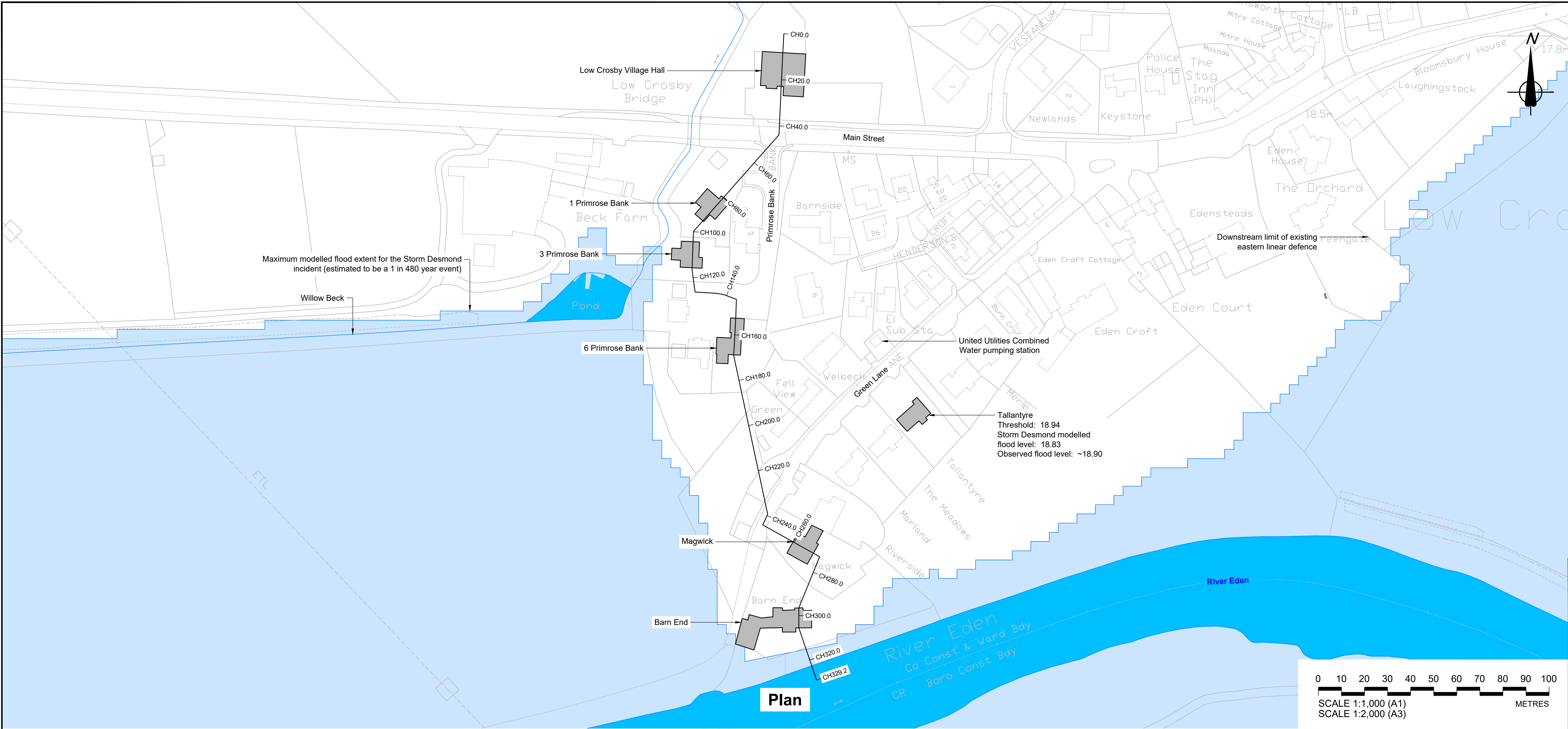




- Notes:**
1. This drawing is provided for information only.
 2. Wrack mark levels are as recorded by survey on 18/12/2015.
 3. Property threshold levels taken from topographic survey J00708/WILO01 (Atlantic Geomatics, May 2017).
 4. Observed flood levels at individual properties are as provided by the Low Crosby Flood Action Group.
 5. All levels are shown in meters Above Ordnance Datum (Newlyn) unless stated otherwise.
 6. All dimensions are in metres unless stated otherwise.

Important

Hydraulic models are mathematical tools used to represent the complex behaviour of river and floodplain flow. This behaviour is influenced by a broad range of factors that vary in space and time. The mathematics that underpin how a hydraulic model represents river flows is based on various well tested theories that can normally be relied on to approximate reality, but this does require judgement by the modeller on how best to build a model of a specific river and for a particular purpose. As a result, various assumptions, approximations and simplifications have to be made to balance accuracy with practicality. It must therefore be recognised that whilst a hydraulic model is always calibrated using the best available real world flood data, it will never be able to completely replicate a real incident. There is always 'residual uncertainty' in model performance.

As part of its quality assurance process, the Environment Agency specifies requirements for key metrics used to assess how a hydraulic model is performing. The hydraulic model used to generate the data presented in this drawing has been reviewed assessed as being compliant with those requirements.

To allow for 'residual uncertainty' in modelled water levels, the design water levels used for flood risk management solutions are increased by an allowance calculated using a standardised approach, which includes consideration of how cautious the defence design should be.

Please Note: The modeling and the drawing was undertaken on the basis of the removal of the Warwick Holme embankment. The re-profiling of the embankment will result in the same standard of protection

P02	24/02/21	Issued for public consultation	DW	-	EM
P01	11/11/20	Issued for information only	DW	AP	EM
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd

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Client

Project
Low Crosby FRMS

Drawing title
**Flood Level Visualisation
Warwick Holme Embankment Re-profile
Storm Desmond Incident**

Drawing status
S2 SHARED FOR INFORMATION

Scale	As Shown	DO NOT SCALE
Jacobs No.	682447CH	Rev
Client no.	ENV0000503C	P02
Drawing number	ENV0000503C-CH2-FEV-H00-DR-HY-514006	

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