

## REACTIVE/CAPITAL MAINTENANCE SCHEDULE

Task Description: Bank repair due to erosion

Task Code/Plan Reference: FRA19S225/401/PDM

Created on date: 08/07/2024 By name: Peter Morgan

## SYSTEM INFORMATION

FRM System No.: FRA19S225

Watercourse Name: Llandovery

System Risk: H



## CYFOETH NATURIOL CYMRU

Plas Gwendraeth

Cross Hands Business Park

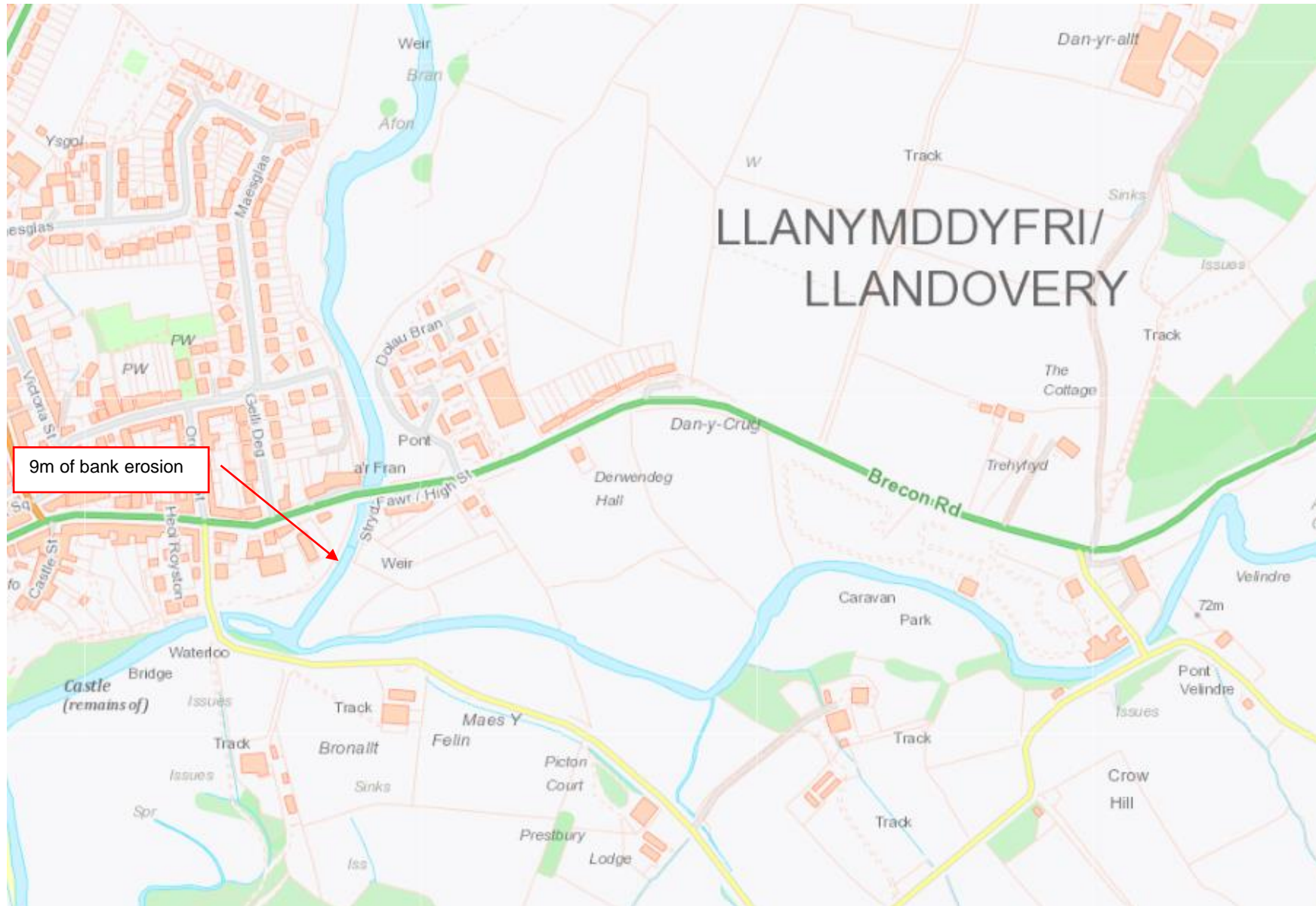
Carmarthenshire. SA14 6RE

### Location Plan:—

Location: Llandovery

NGR: SN 77107 34328

Postcode: SA20 0DD



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Watercourse Name: **Llandovery**

System Risk: **H**



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Plas Gwendraeth

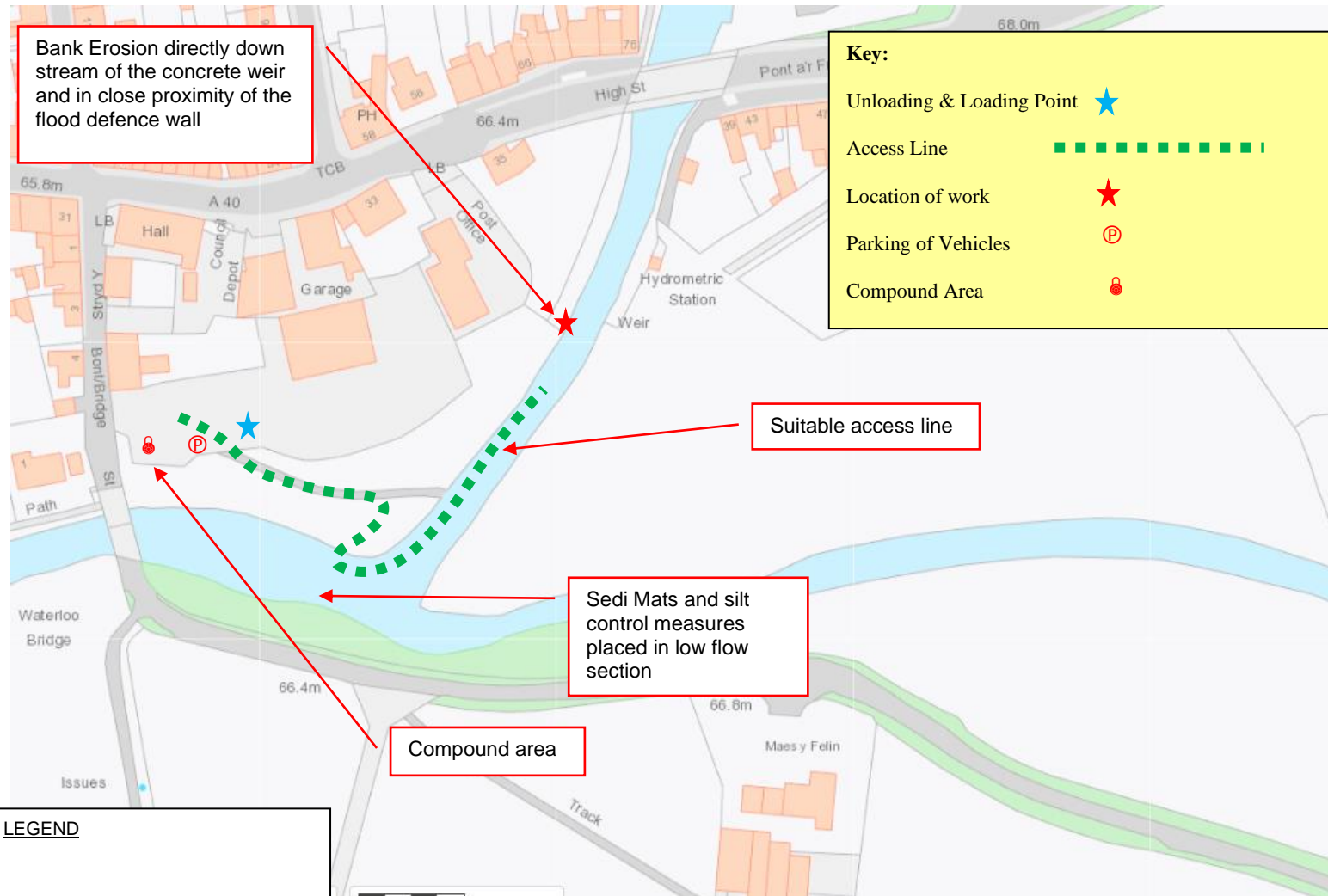
Cross Hands Business Park

Carmarthenshire. SA14 6RE

## Site Plan 2 :

Location: **Llandovery**

NGR: **SN 77022 34244** Postcode: **SA20 0JT**



## LEGEND

Works Type: **Asset Repair**

Asset No:

WALL1500210

NRW Ref: 1020234150104R03

Target condition: **Highlighted defect in AMX**

## COMMENTS/ADDITIONAL INFO

### Drawing Notes:

- Prior to entry, Courtesy call to landowners to inform of commencement date
- Unloading & Loading point at Llandovery Bus Depot
- Access for machine via suitable access ramps at confluence.
- 9m eroded section to be repaired with onsite blockstone. 1 to 2 tone block stones
- Terram to be placed behind stones to prevent soil wash out.
- Water levels in the Afon Bran will affect working methods
- This area is subject to flooding
- Parking and compound area to be set up in Bus Depot
- No Machines left in the river overnight
- Sedi Mats and silt control measure placed down stream



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9m long x 1.6m high section eroded

#### Scope:

To repair the 9m section with imported block stone material which will prevent further erosion and the threat of undermining of the flood defence wall.





Photographs taken: 28<sup>th</sup> July 2024

View, looking upstream at the right hand bank, concrete weir and stanchion for the telemetry and gauging station on opposite bank.



View, looking down stream from the weir of the river bank armour along the right hand bank.

Erosion has taken place directly down stream of this armour.

Erosion



View, looking at headwall and flap valve directly down stream of the eroded pocket



View, looking directly at the eroded pocket. 9m long x 1.6m high.

Natural erosion has taken place following high flows in the past winter months. The bank is not vegetated or protected by imported material and could potentially start to undermine the flood defence wall if not maintained.

The bank is armoured both up stream & down stream.



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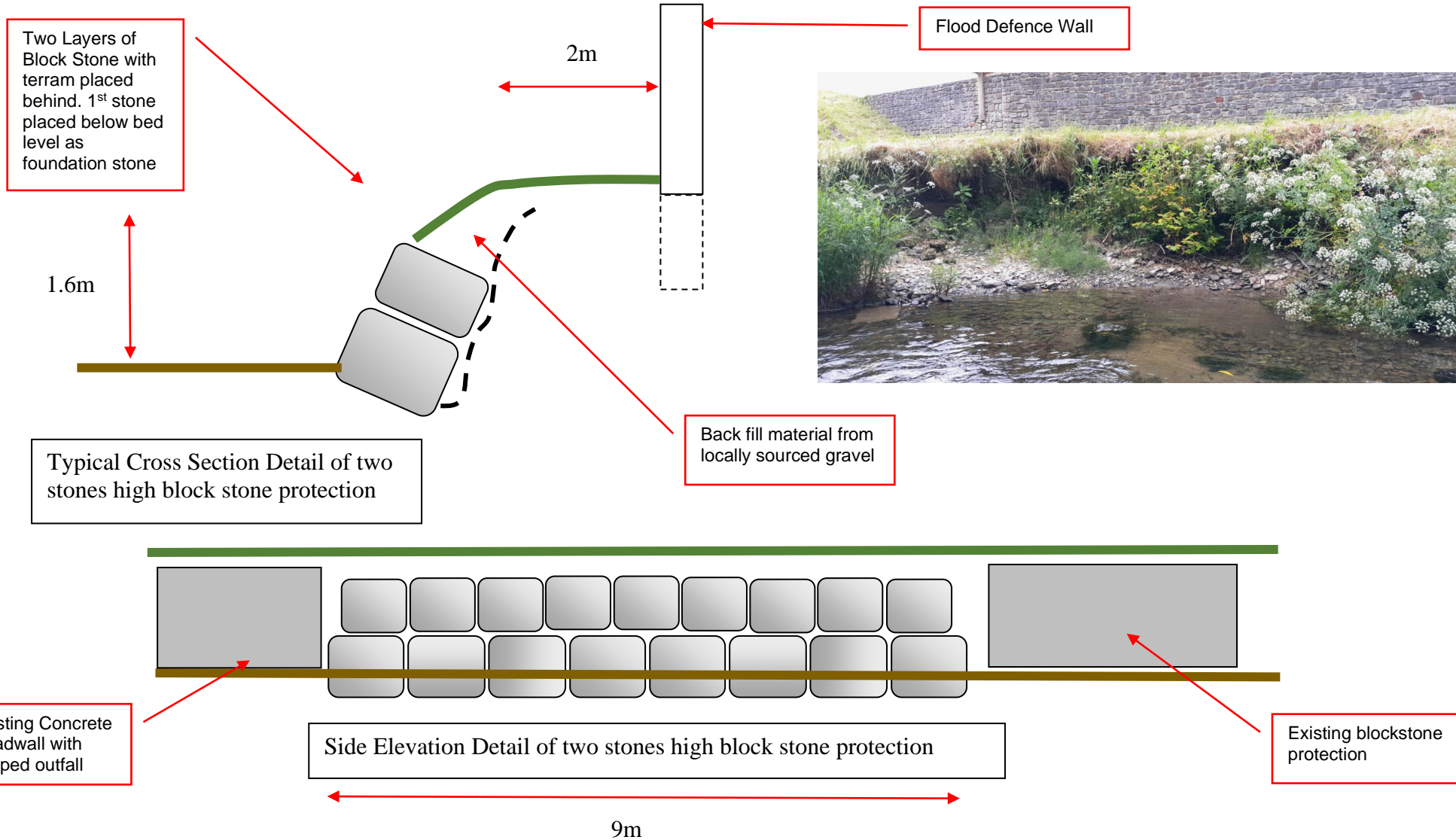


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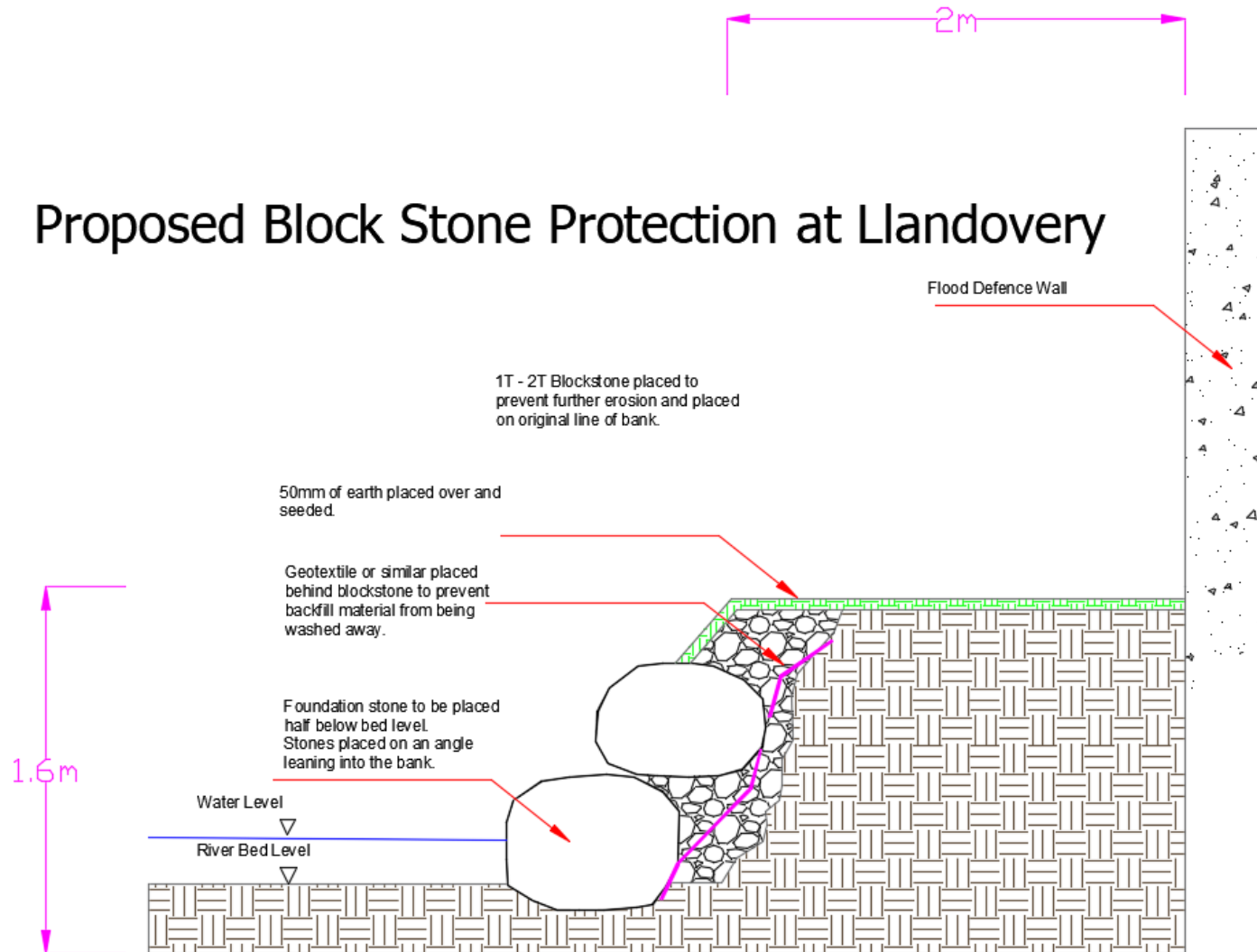
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# Proposed Block Stone Protection at Llandovery



Typical Section Through Proposed Block Stone Protection  
Looking Down Stream

Scale: NTS