

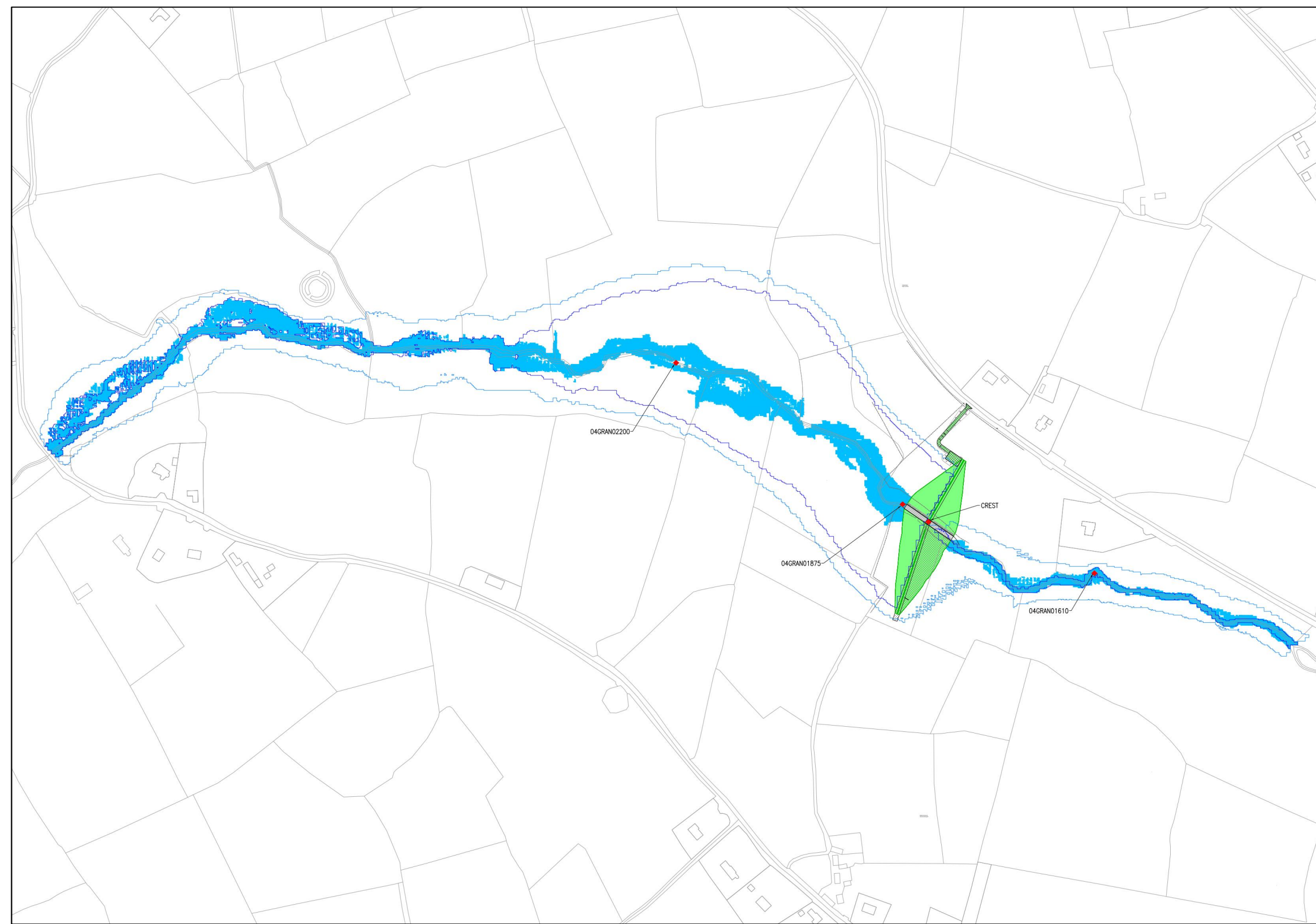
Area 1 – Storage Area

The works at Area 1 - Storage Area entail the establishment of a flood storage area by constructing a raised earthen dam 8m in height, which will impound flood waters during extreme events up to the design flood extents show in the imagery. Water will be conveyed through the dam in a Hydrobrake, which will have a debris screen upstream to prevent blockage. Erosion and flow control measures will be placed on the downstream face. Water levels will be monitored using sensors which can be accessed remotely. Task lighting and access to the site will also be provide from the R703.

Access to the storage area will be from the R705, where a new vehicular access roads will be constructed, respecting and maintaining the exiting field boundaries. Minor grading of the land will be required to provide safe access.

Landscaping in the form of tree planting is proposed to screen the area and to offset tree loss in the urban area.

Typical inlet arrangement



LEGEND:

- NEW FLOOD DEFENCE EMBANKMENT
- PROPOSED VEHICLE ACCESS & WORKING PLATFORM
- 1% AEP FLOOD EXTENT
- PROBABLE MAXIMUM FLOOD EXTENT
- 1% AEP BASELINE FLOOD EXTENT
- FLOOD LEVEL NODES ID

