JBA consulting

Nuneaton and Bedworth Borough Council Strategic Flood Risk Assessment - Level 2

Appendix E: Canal Inundation Mapping

November 2012

Nuneaton and Bedworth Borough Council Town Hall Coton Road NUNEATON Warwickshire CV11 5AA



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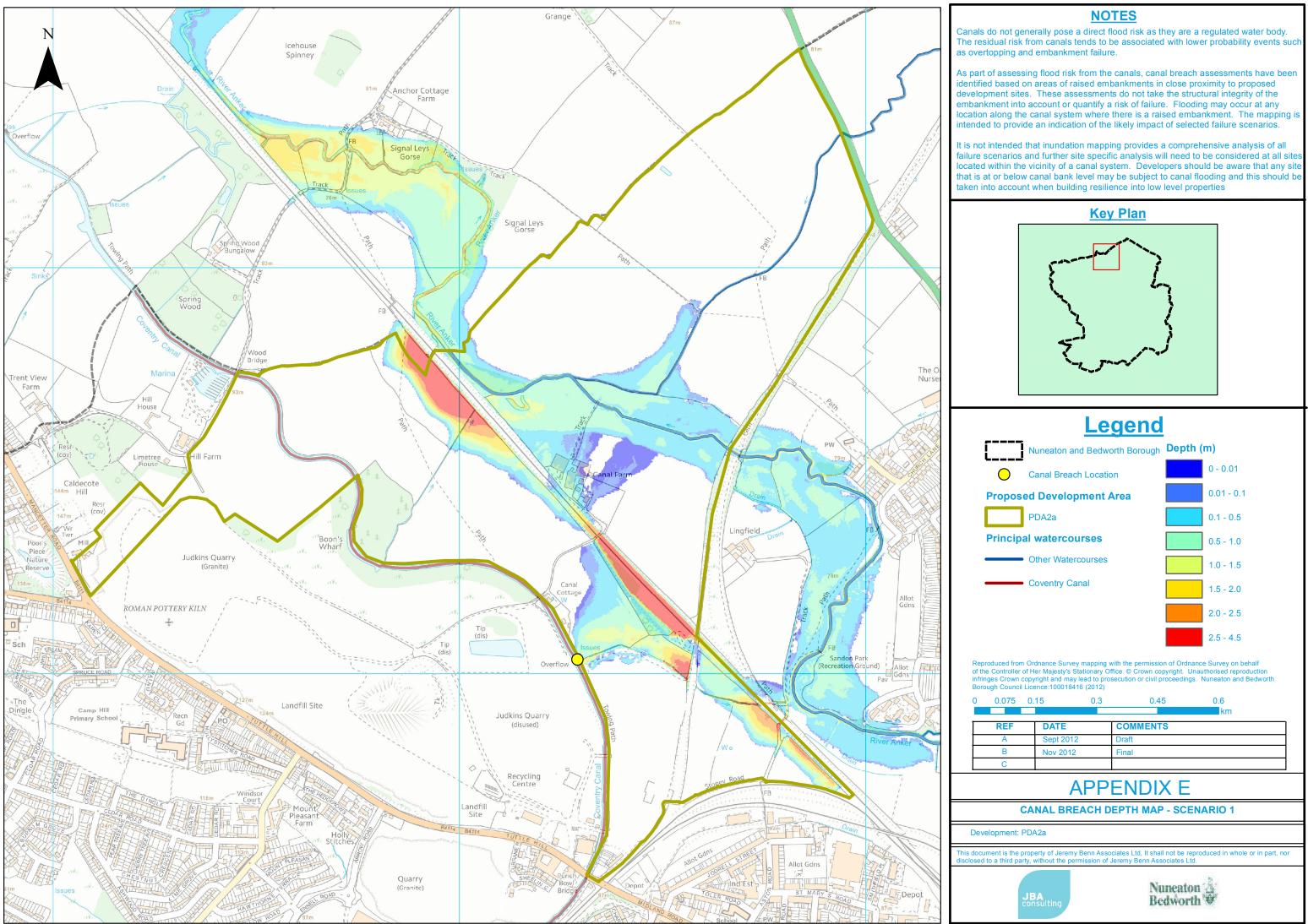
E Canal Inundation Mapping



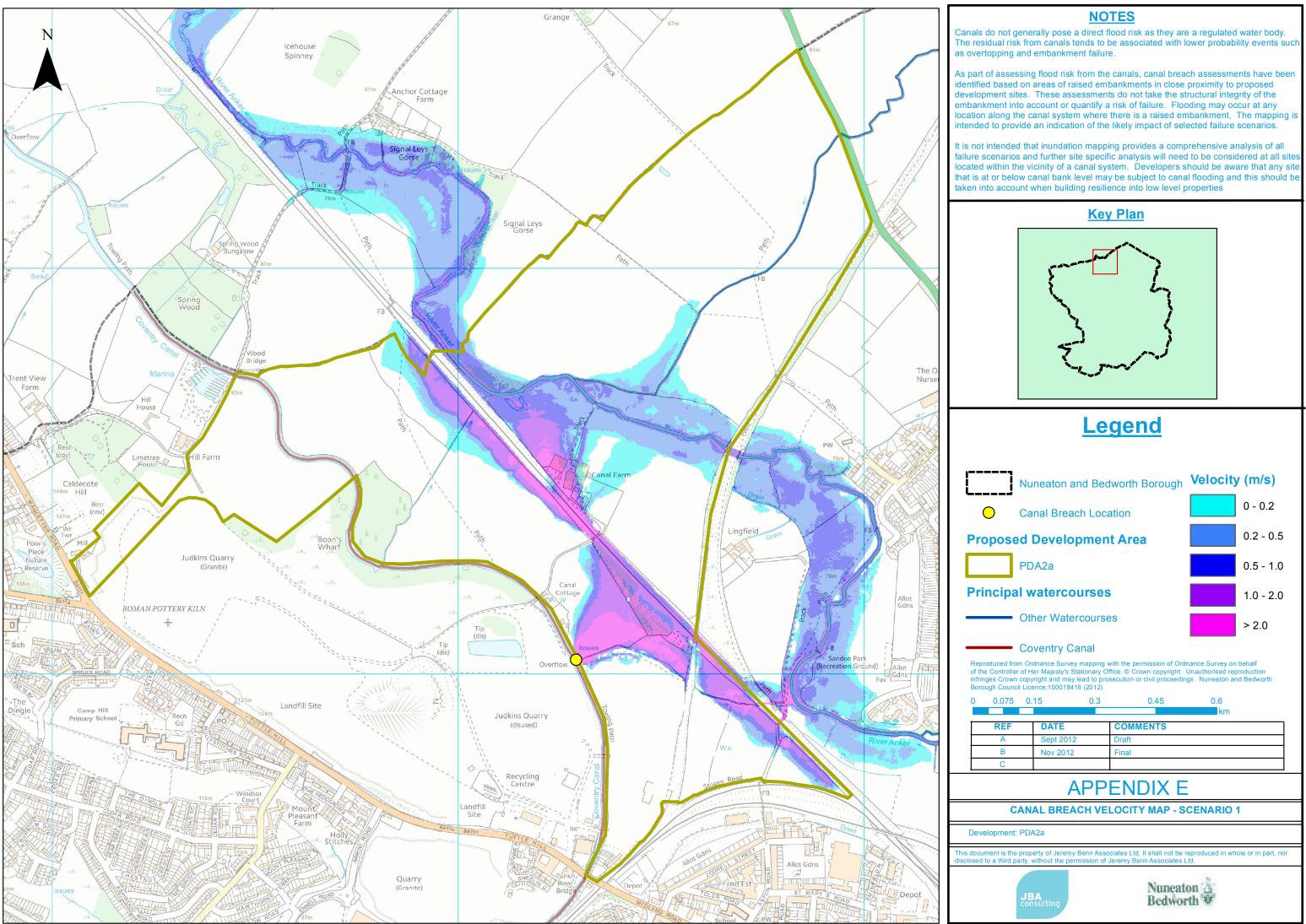


E.1 PDA2a: Scenario 1

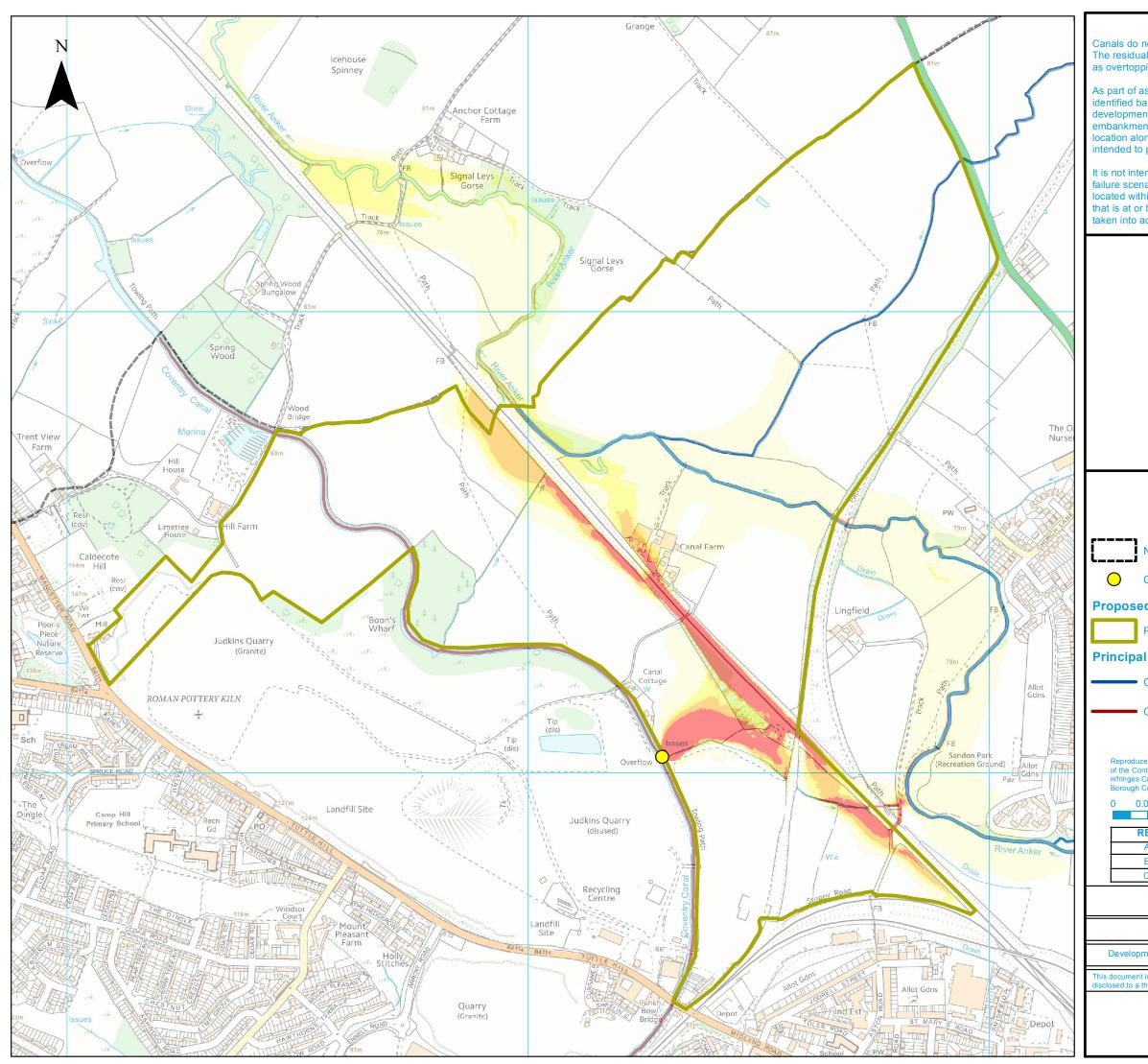




.075	0.15	0.3	0.45	0.6 km	
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		km
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А	Sept 2012	Draft
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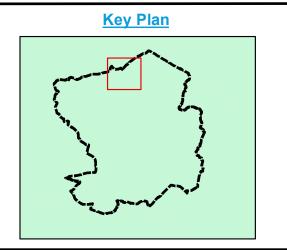


NOTES

Canals do not generally pose a direct flood risk as they are a regulated water body. The residual risk from canals tends to be associated with lower probability events suc as overtopping and embankment failure.

As part of assessing flood risk from the canals, canal breach assessments have been identified based on areas of raised embankments in close proximity to proposed development sites. These assessments do not take the structural integrity of the embankment into account or quantify a risk of failure. Flooding may occur at any location along the canal system where there is a raised embankment. The mapping intended to provide an indication of the likely impact of selected failure scenarios.

It is not intended that inundation mapping provides a comprehensive analysis of all failure scenarios and further site specific analysis will need to be considered at all site located within the vicinity of a canal system. Developers should be aware that any site that is at or below canal bank level may be subject to canal flooding and this should be taken into account when building resilience into low level properties





- Canal Breach Location
- **Proposed Development Area**
 - PDA2a
- **Principal watercourses**
 - Other Watercourses
 - Coventry Canal



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.075	0.15	0.3	0.45	0.6 km	
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APPENDIX E

CANAL BREACH HAZARD MAP - SCENARIO 1

Development: PDA2a

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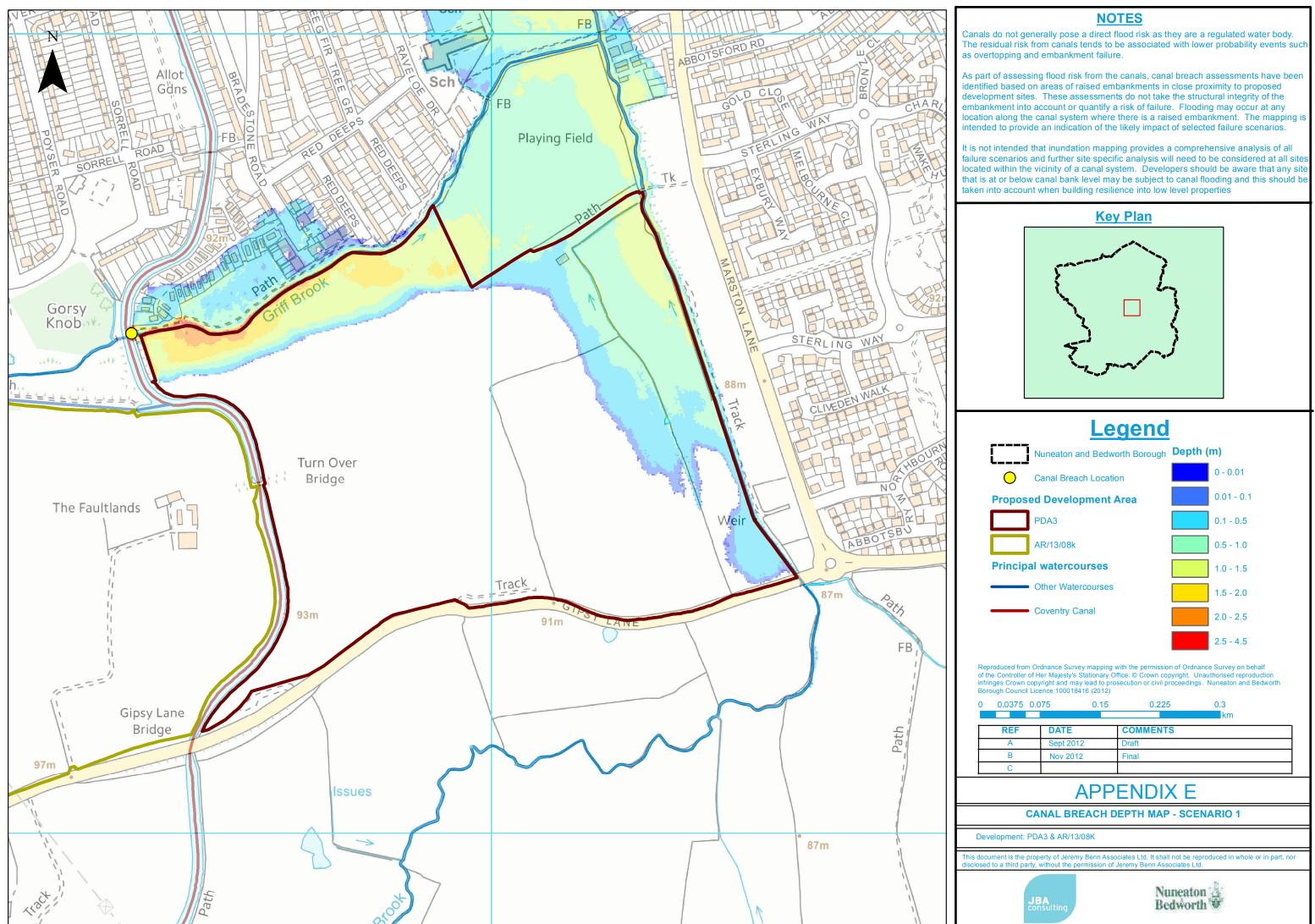




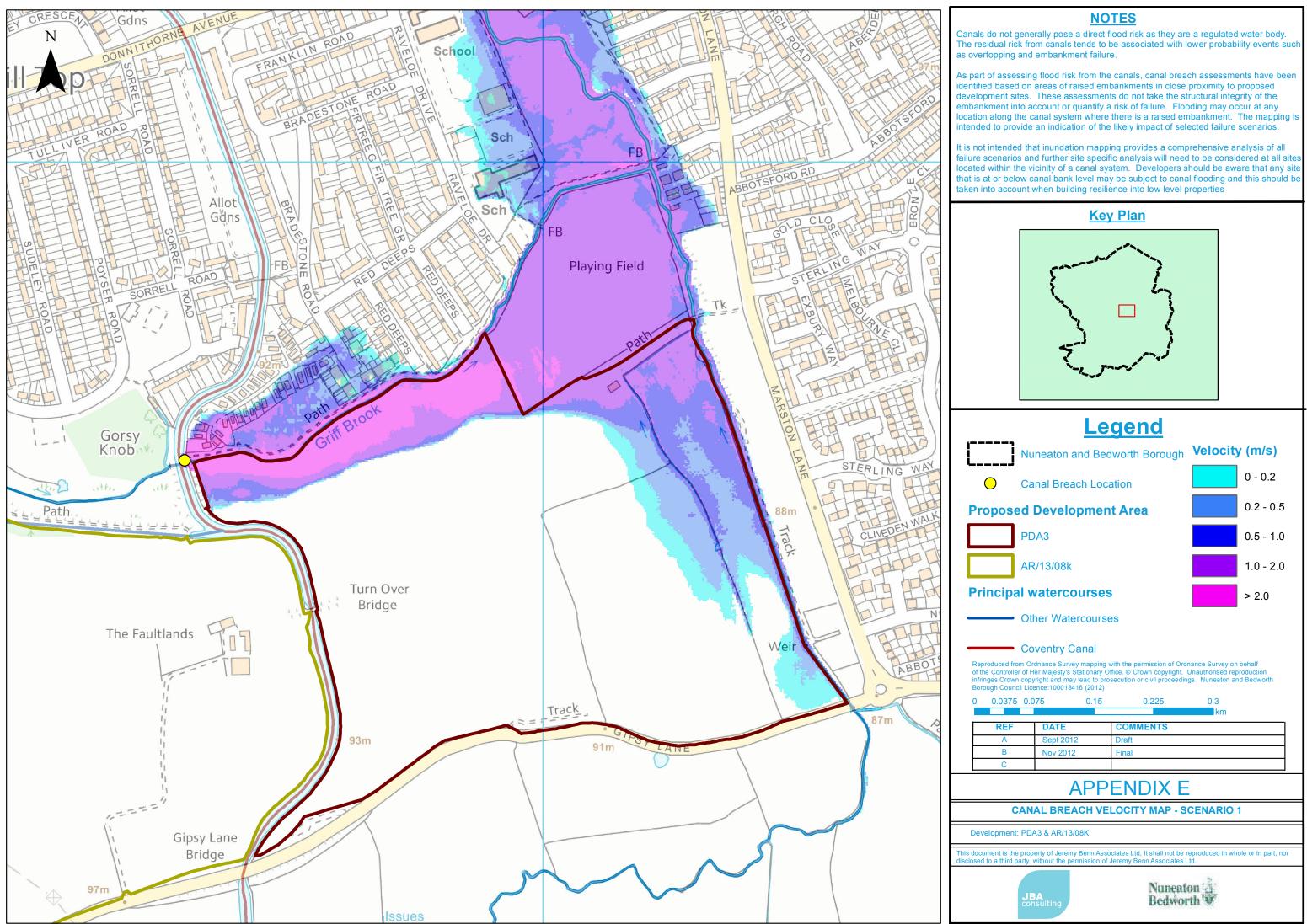


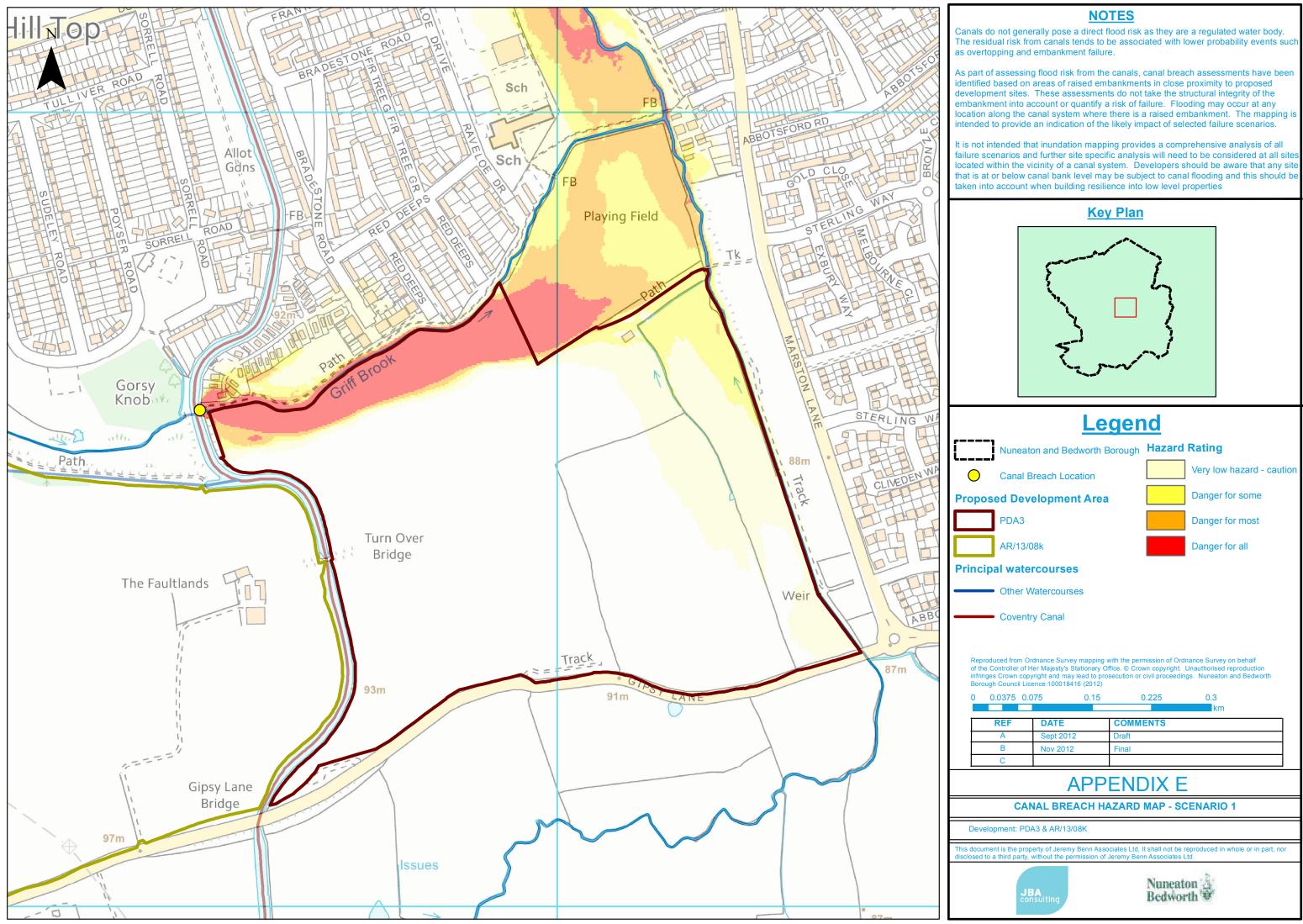
E.2 PDA3: Scenario 1





0375	0.075	0.15	0.225	0.3 km	
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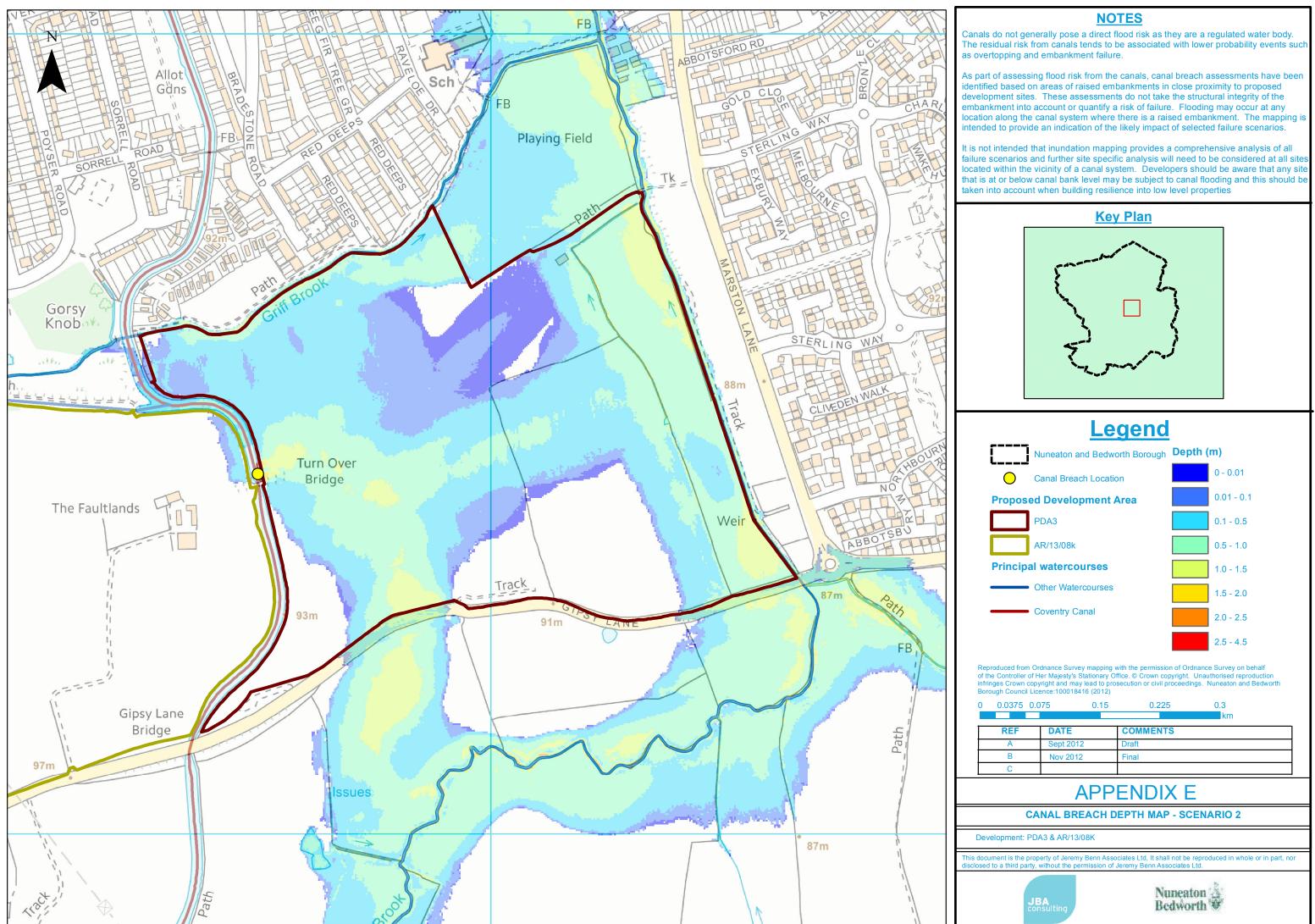




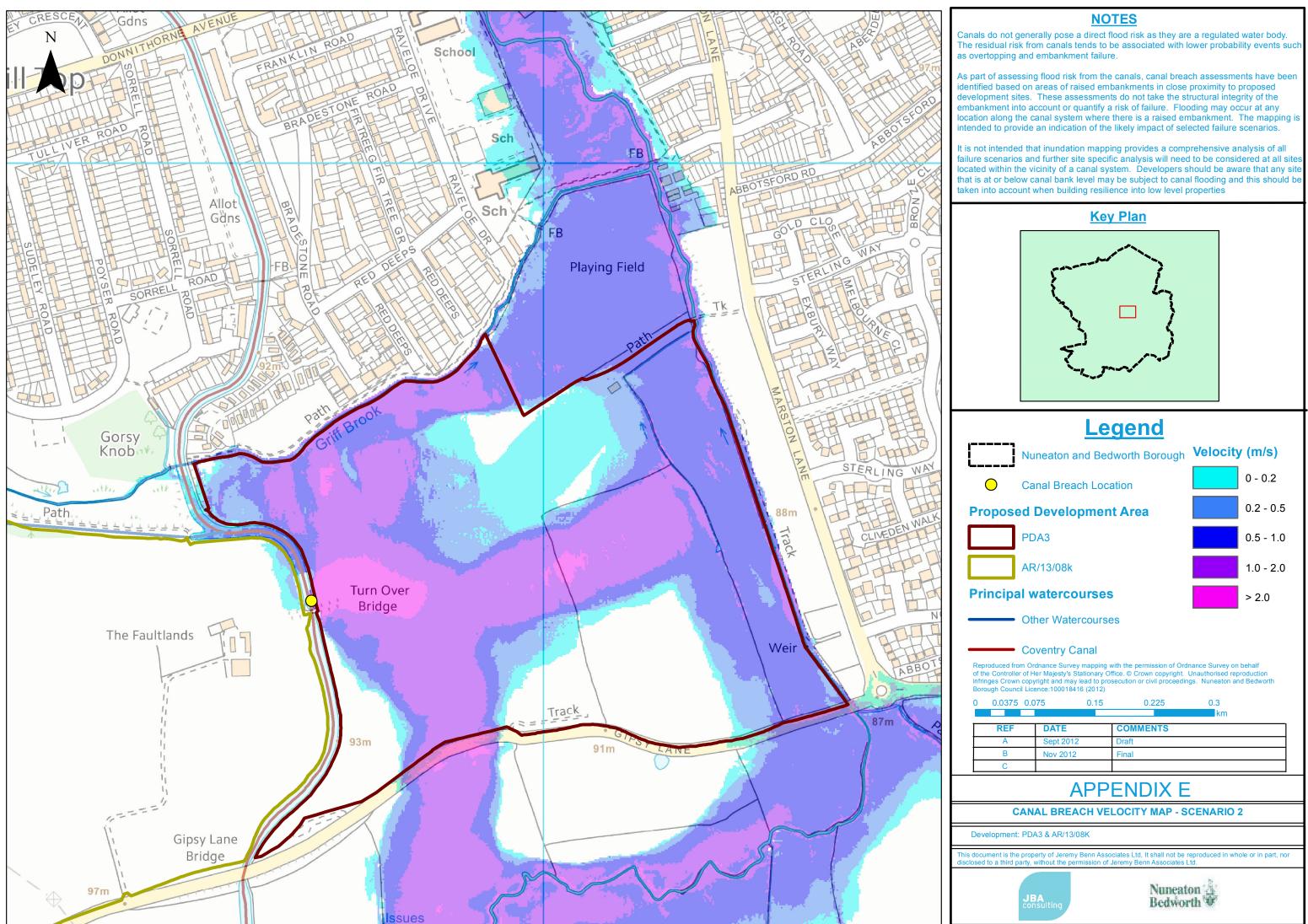


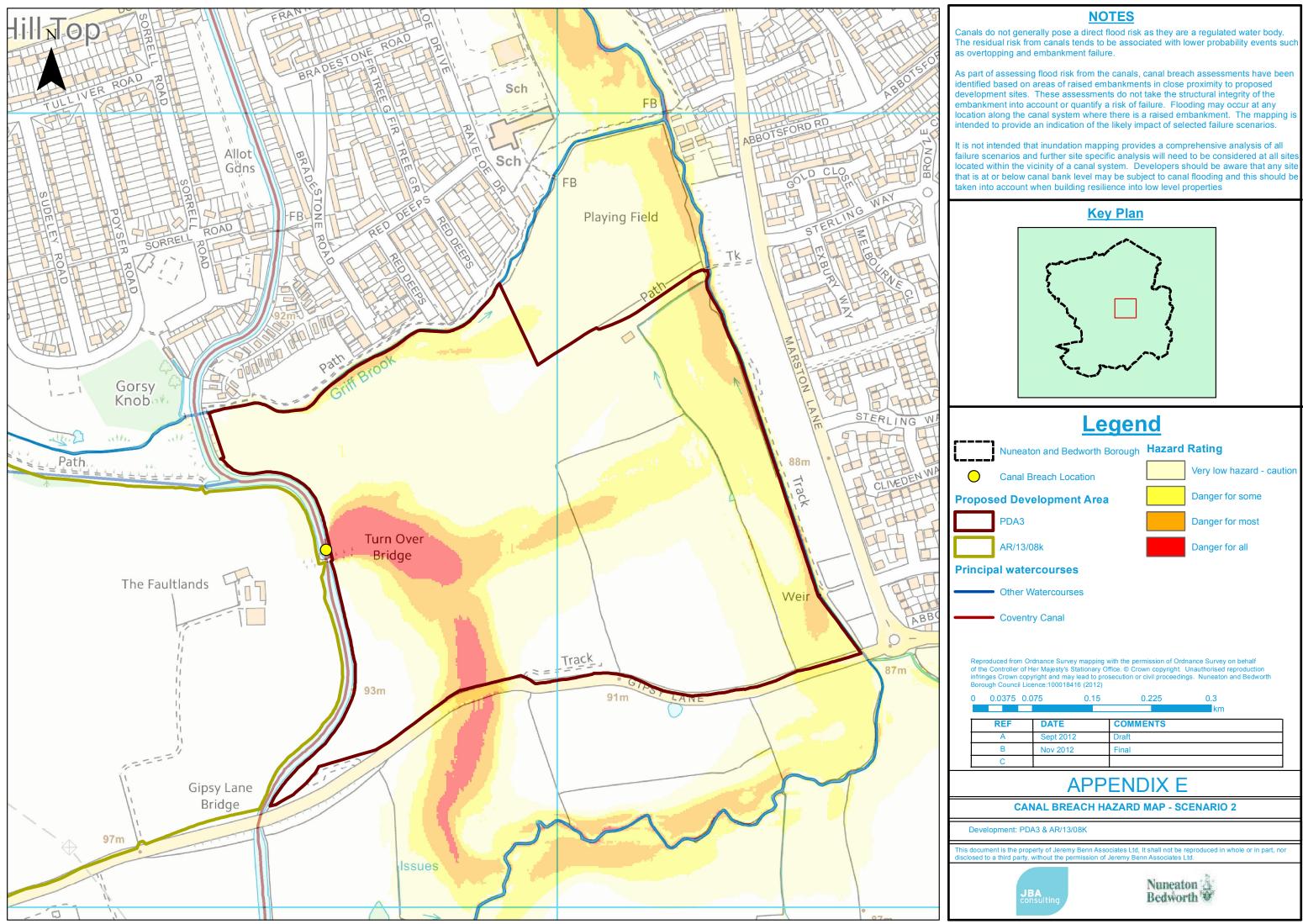
E.3 PDA3: Scenario 2





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