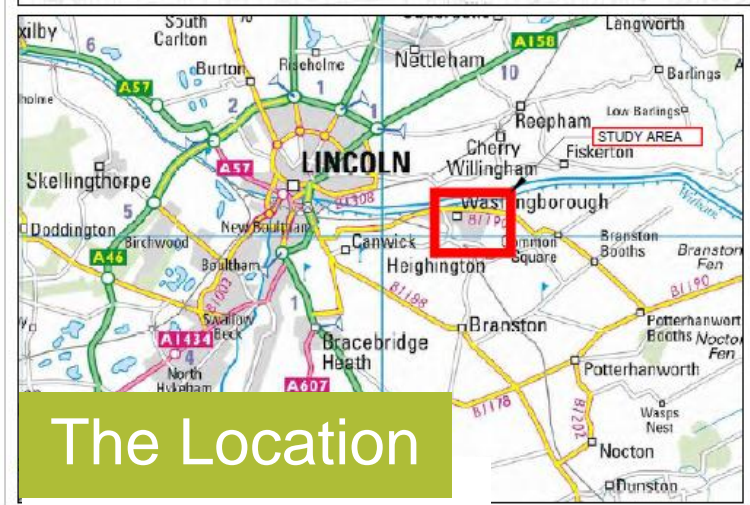
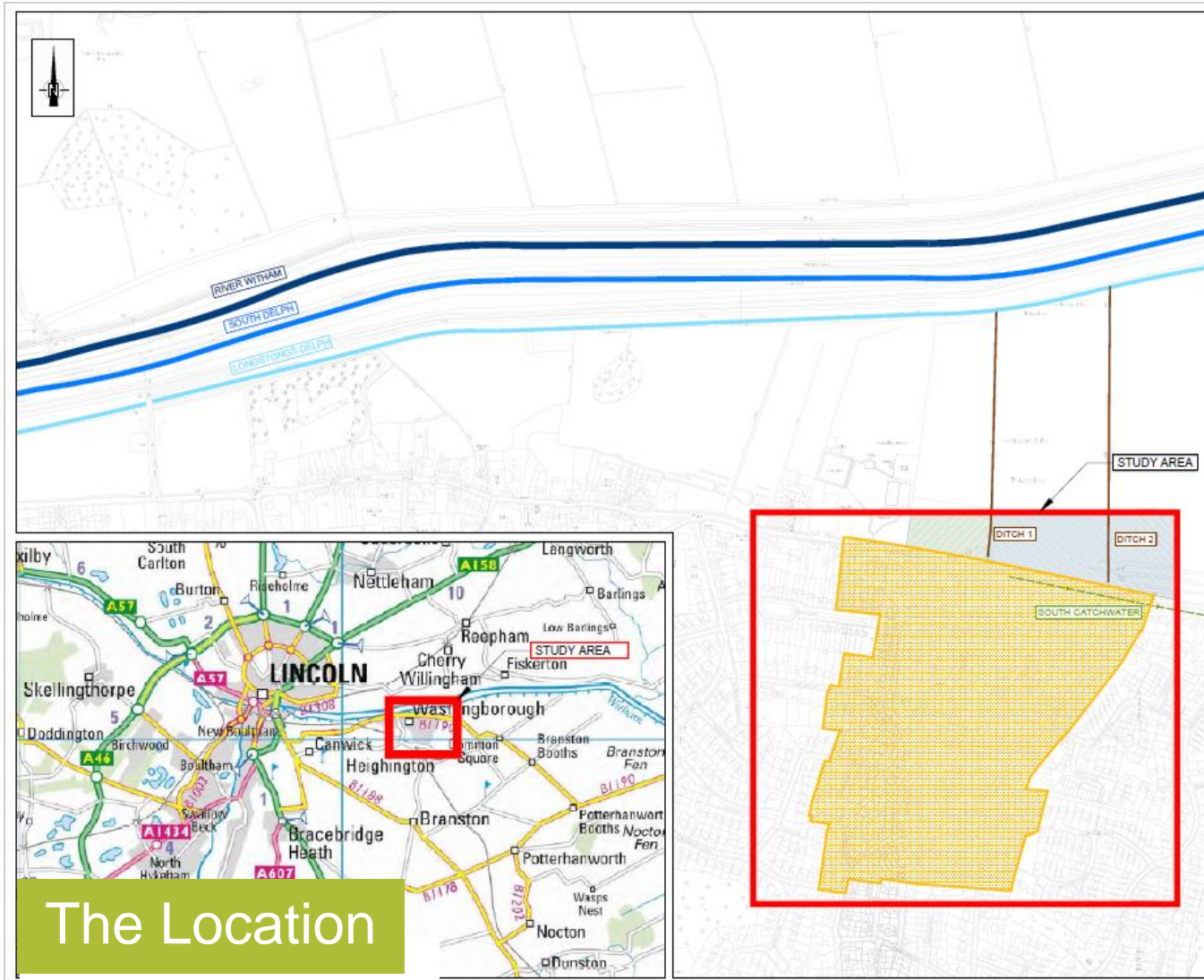




Keeble Drive, Washingborough

Surface Water Flood Risk Improvement Works

Mark Welsh



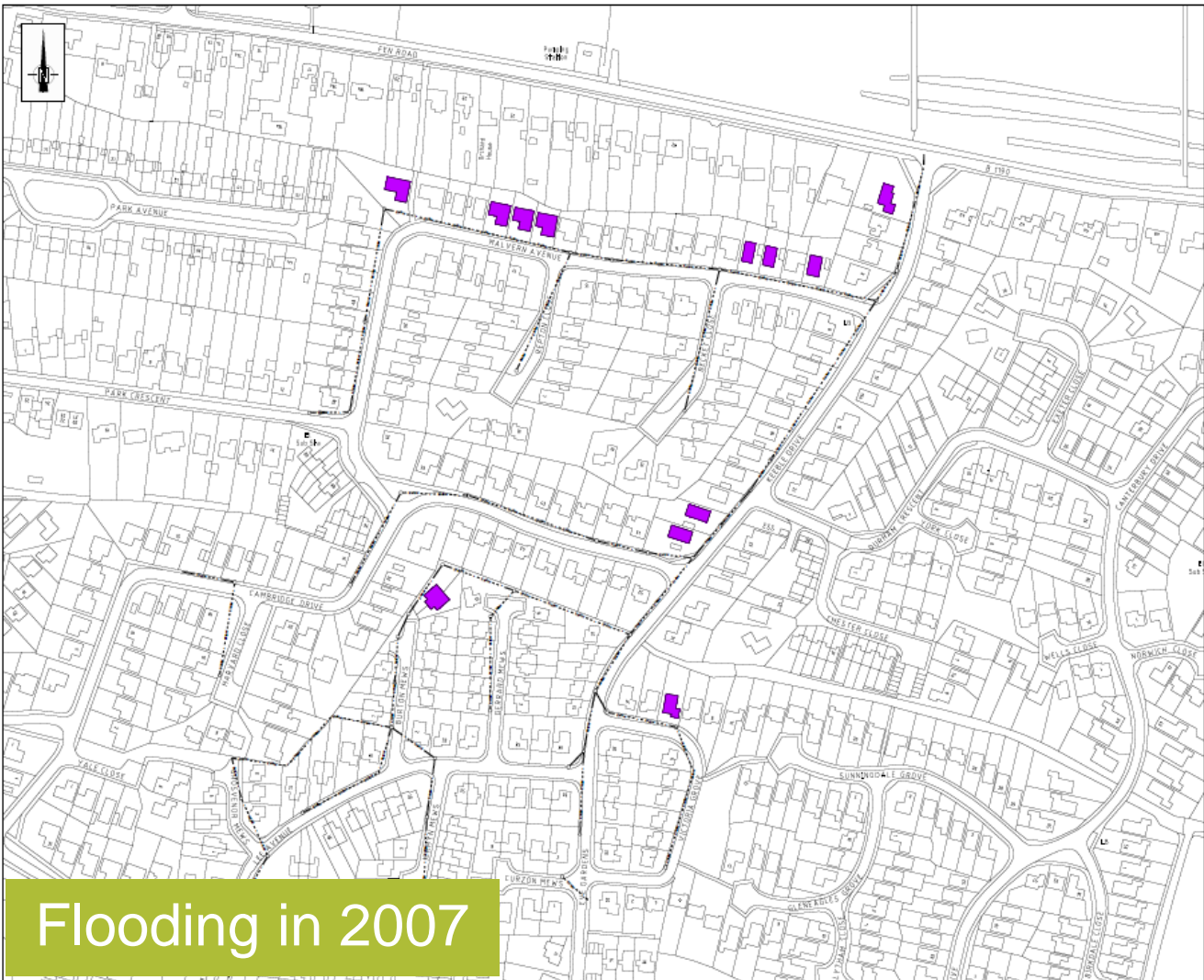
The Location

Notes:
1. The scheme proposal is Lincolnshire County Council

- HERBERT AREA
- DITCH 1 RIPARIAN (PARISH COUNCIL)
- DITCH 2 RIPARIAN (PRIVATE OWNERSHIP)
- PARISH COUNCIL FIELD
- LAND IN PRIVATE OWNERSHIP
- SOUTH CATCHWATER DRAIN (DA MAINLINE)

Issue for Mark	Rev	Date	By

Drawing: 1st Approval
 Date: 05.09.2013
 Drawn/Checked: D. Waters / C. Wainwright
 Scale: 1:1000
 Project: Feasible Drive Flood Alleviation Scheme
 Description: FORM FEASIBILITY STUDY APPENDIX B LOCATION PLAN
 B/1056286/FEA/100/001 Rev. -
 Project Feasible Drive Flood Alleviation Scheme
 FORM FEASIBILITY STUDY APPENDIX B LOCATION PLAN



Flooding in 2007

Notes & Details on this Drawing
 - colour
 - property not flooding

1. The scheme promoter is Lincolnshire County Council

13
 properties
 internally
 flooded

PROPERTIES FLOODED IN 2007
 EXISTING SURFACE WATER SEWER

Drawing 1st Approval
 Date: 05.09.2013
 Approved by: T. Gordon
 Drawn/Checked by: C. Wainwright
 Created by: D. Walters
 C. Yarnley
 Date: 05.09.2013

Scale: 1:1000
 Lincolnshire
 Highways Alliance
 mouchel
 B/1056266/FEA/100/002 Rev. -
 Project: Lincolnshire Drive Flood Alteration Scheme
 Description:
 FCERM FEASIBILITY STUDY
 APPENDIX B
 PROPERTY FLOOD RISK
 PROPERTIES FLOODED IN 2007

Updated Flood Map for Surface Water

Welcome **Jonathan Wickham** [Edit Profile] [Log Out]

- Home
- News
- Review Maps
- Forum
- Support
- Users

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 - LLFA Feedback
 - Model Locations
 - My Flood Data
- Flood Maps
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 - Depth
 - Velocity
 - Hazard Rating
 - Flow Direction
 - 1 in 100 Chance
 - Depth
 - Velocity
 - Hazard Rating
 - Flow Direction
 - 1 in 1000 Chance
 - Depth
 - Velocity
 - Hazard Rating
 - Flow Direction
- Confidence Rating
 - Confidence Rating
- Flood Model Input Data
 - LIDAR Data Coverage
 - DTM
 - Hydraulic Roughness (Manning's n)
 - Total Rainfall Depth (mm)

NGR, Postcode or Town Search Zoom In Zoom Out Zoom Previous Zoom Next Pan Select Info Refresh

Upload Flood Data Add Note Add LLFA Feedback Add Model Location Point Polyline Polygon

Review/Edit Notes Review/Edit LLFA Feedback Review/Edit Model Locations Download Annotations

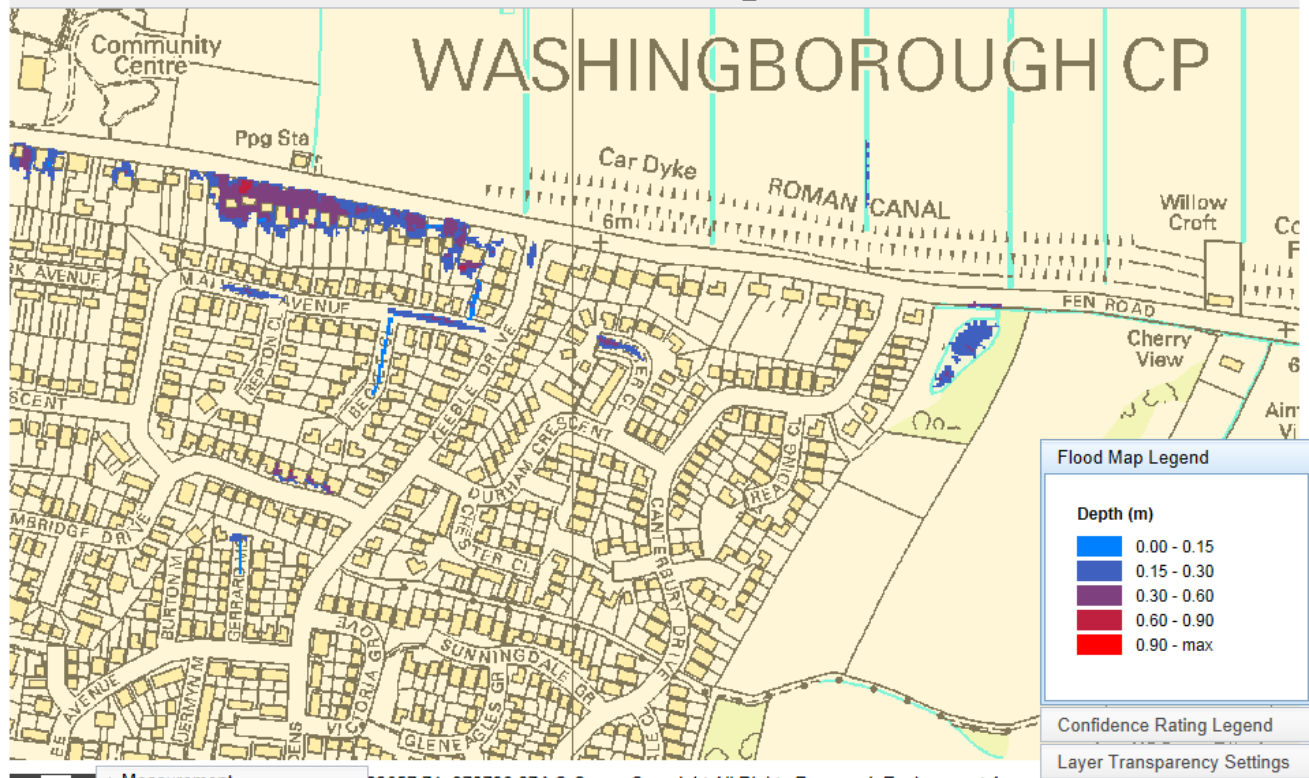


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 - Total Rainfall Depth (mm)

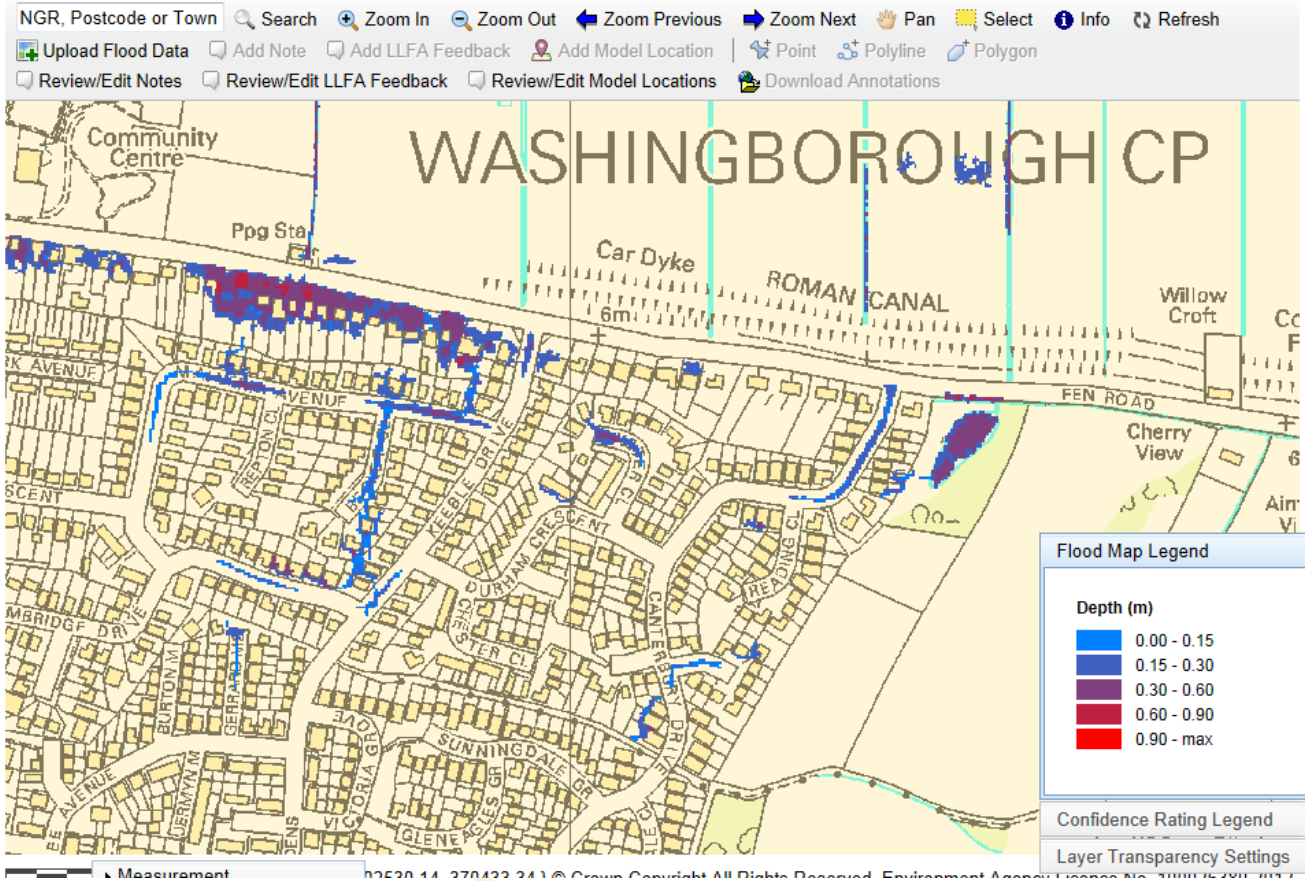


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Upload Flood Data Add Note Add LLFA Feedback Add Model Location Point Polyline Polygon

Review/Edit Notes Review/Edit LLFA Feedback Review/Edit Model Locations Download Annotations

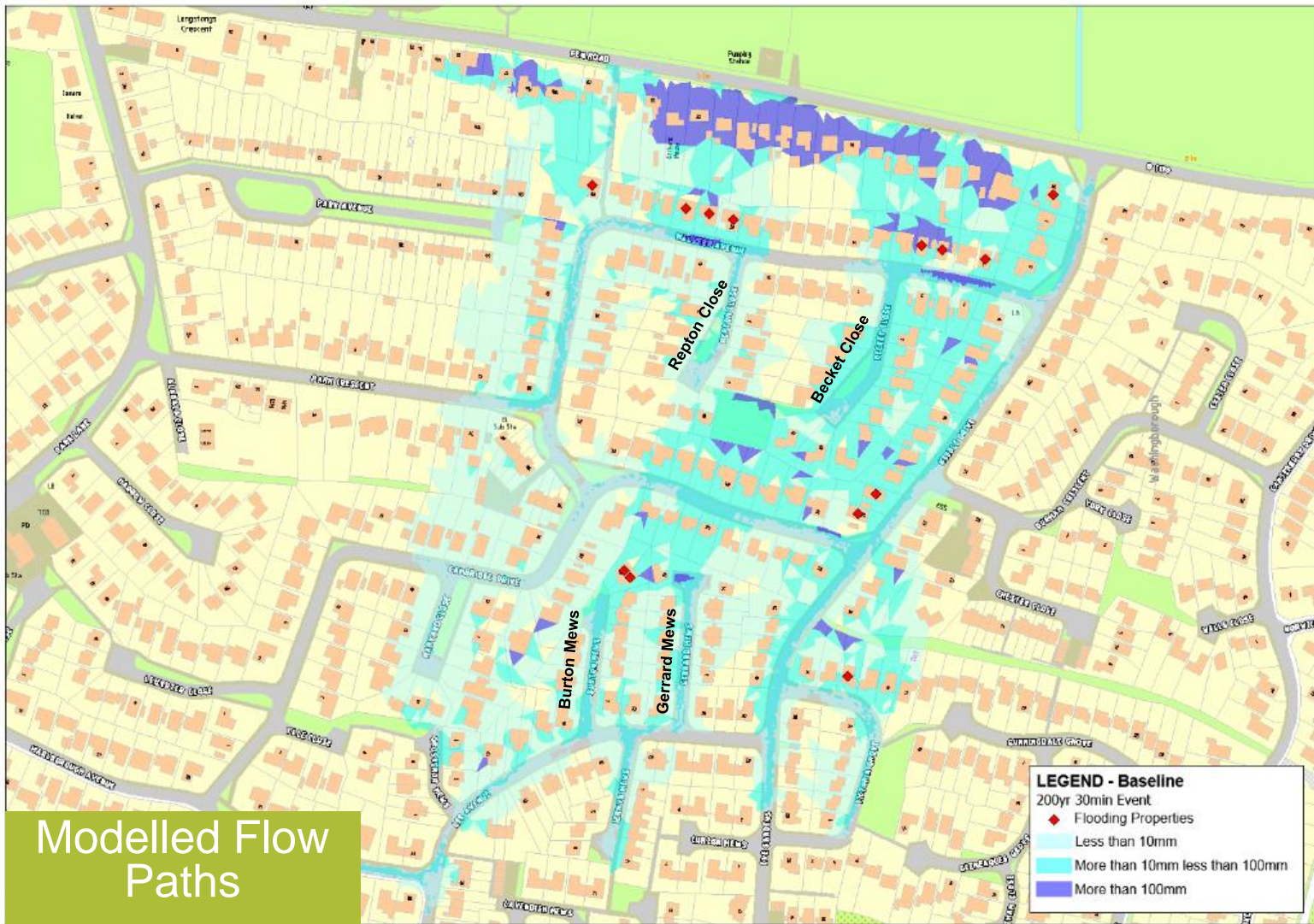
Flood Map Legend

Depth (m)

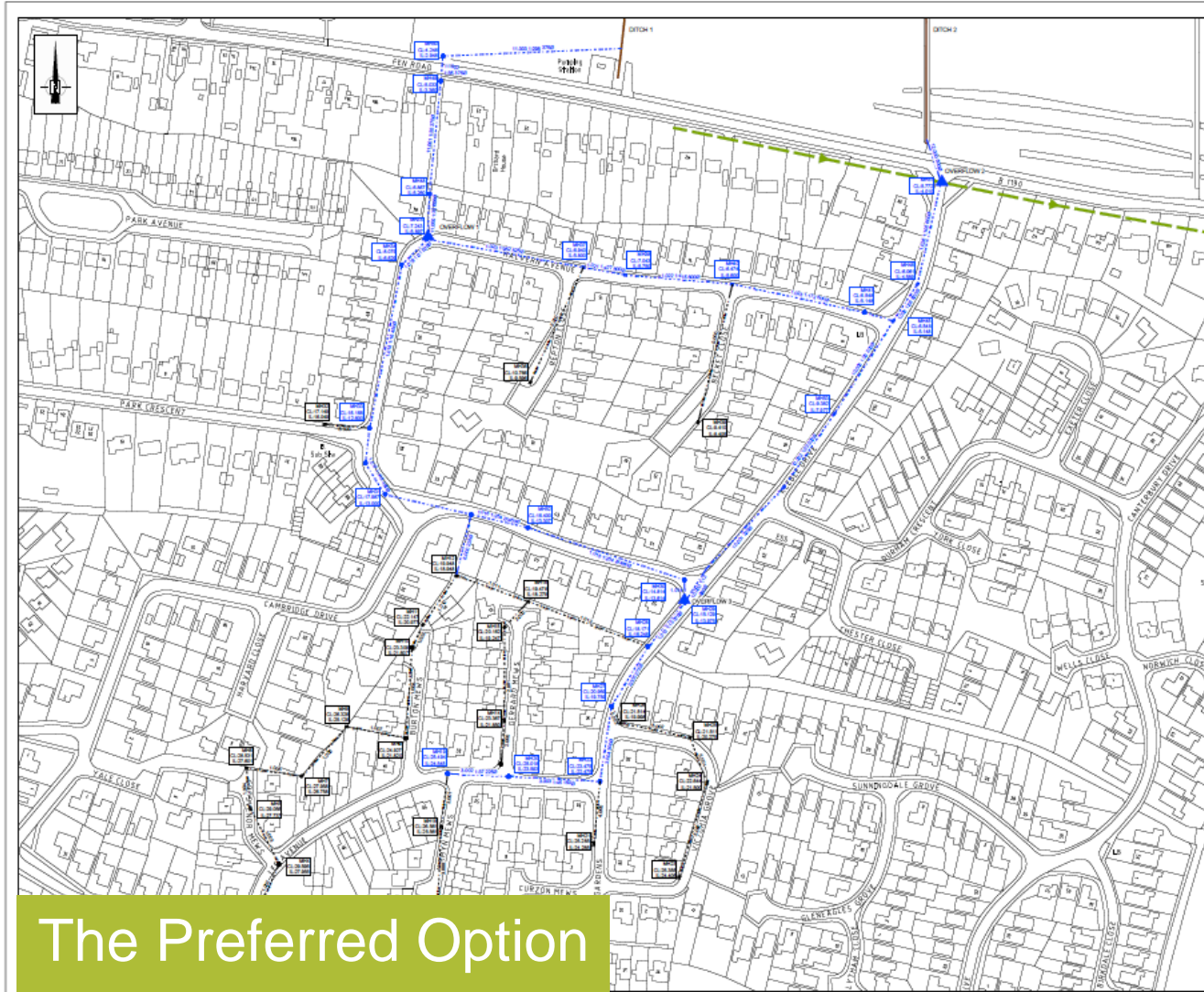
- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.60
- 0.60 - 0.90
- 0.90 - max

Confidence Rating Legend

Layer Transparency Settings



Modelled Flow Paths



The Preferred Option

Notes & Blocks used in this Drawing
 1. The scheme is to be approved by Lincolnshire County Council

NOTES

1. The scheme is to be approved by Lincolnshire County Council

KEY

- EXISTING HIGHWAY DRAIN MANHOLE
- PROPOSED HIGHWAY DRAIN MANHOLE
- - - - - EXISTING HIGHWAY DRAIN
- - - - - PROPOSED HIGHWAY DRAIN
- - - - - SOUTH CATCHWATER DRAIN
- ▲ PROPOSED OVERFLOW

NO.	REVISION	DATE	BY	CHECKED

Scale: 1:1000

Lincolnshire Highways Alliance **mouchel**

8/1056286/FEA/500/006 Rev. -

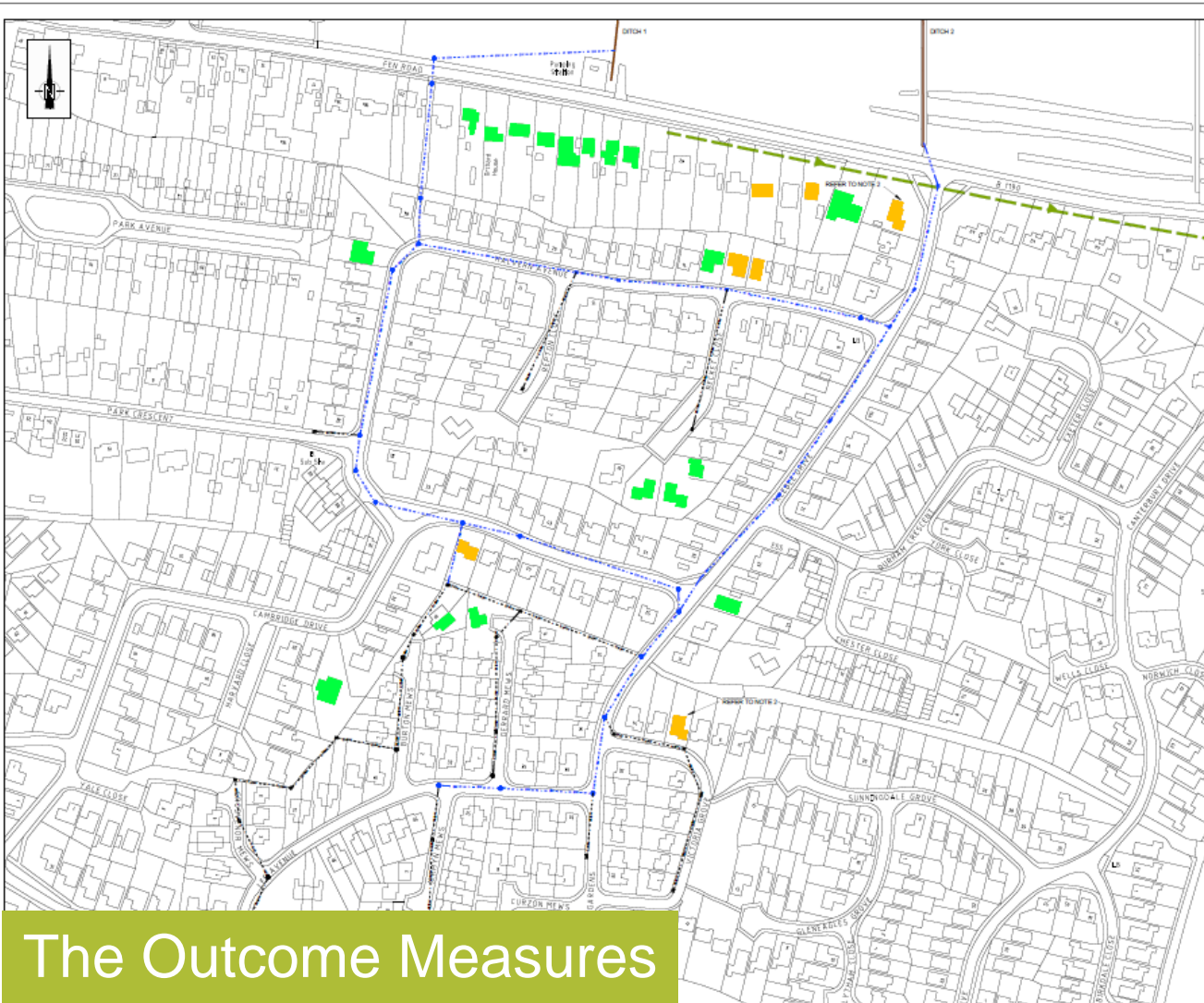
Project: Kaable Drive Flood Alleviation Scheme

Description: FCERM FEASIBILITY STUDY APPENDIX C OPTION 1F GENERAL ARRANGEMENT

Prepared by: [Name] Date: 15/06/2013

Checked by: [Name] Date: 15/06/2013

Approved by: [Name] Date: 16/06/2013



- NOTES:
- The scheme provider is Lincolnshire County Council
 - These properties did not show flooding in the 1D hydraulic model. They have been included as there is sufficient evidence of historic flooding to merit inclusion in the 1D2D model. Historic flooding has been taken into account in the 1D2D model. Further work has been done to further refine the 1D2D model. Further work has been done to further refine the 1D2D model.
 - For details of proposed pipes and chambers refer to drawing B105266/FEA/100/007.

KEY

- VERY HIGH FRONT RISK - (0-1%) (0-0.5%)
- SIGNIFICANT RISK - (1-10%) (0.5% - 1.32%)
- MODERATE RISK - (10-50%) (1.32% - 4.0%)
- EXISTING SURFACE WATER MARSH
- PROPOSED SURFACE WATER MARSH
- EXISTING SURFACE WATER SEWER
- SOUTH CATCHMENT DRAIN
- PROPOSED SURFACE WATER SEWER

Flood risk reduced to 40 properties

NO	REV	DATE	DESCRIPTION

Approved for Construction
 Drawing 1st Approval
 1st Approval by: T.Gordon Date: 30.08.2013
 Created by: D.Waters Date: 30.08.2013
 Checked by: C.Yeamaley Date: 30.08.2013

Scale: 1:1000
 Lincolnshire Highways Alliance
 mouchel
 B105266/FEA/100/007
 Rev A

Project: Keeble Drive Flood Avoidance Scheme
 Drawing: FCEM FEASIBILITY STUDY APPENDIX B OPTION 1F PROPERTY FLOOD RISK

Keeble Drive, Washingborough

Surface Water Flood Risk Improvement Works

Any Questions?