



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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WORKING WITHIN LIVE TRAFFIC AND UNDER TRAFFIC MANAGEMENT

UNDERGROUND UTILITIES, ELECTRICITY

WORKING WITH HAZARDOUS MATERIAL (ASPHALT)

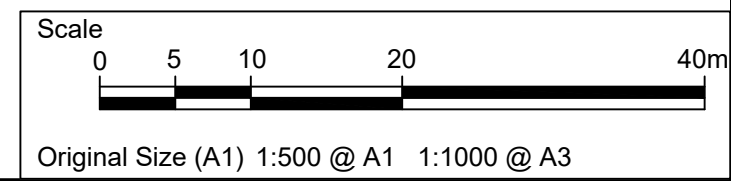
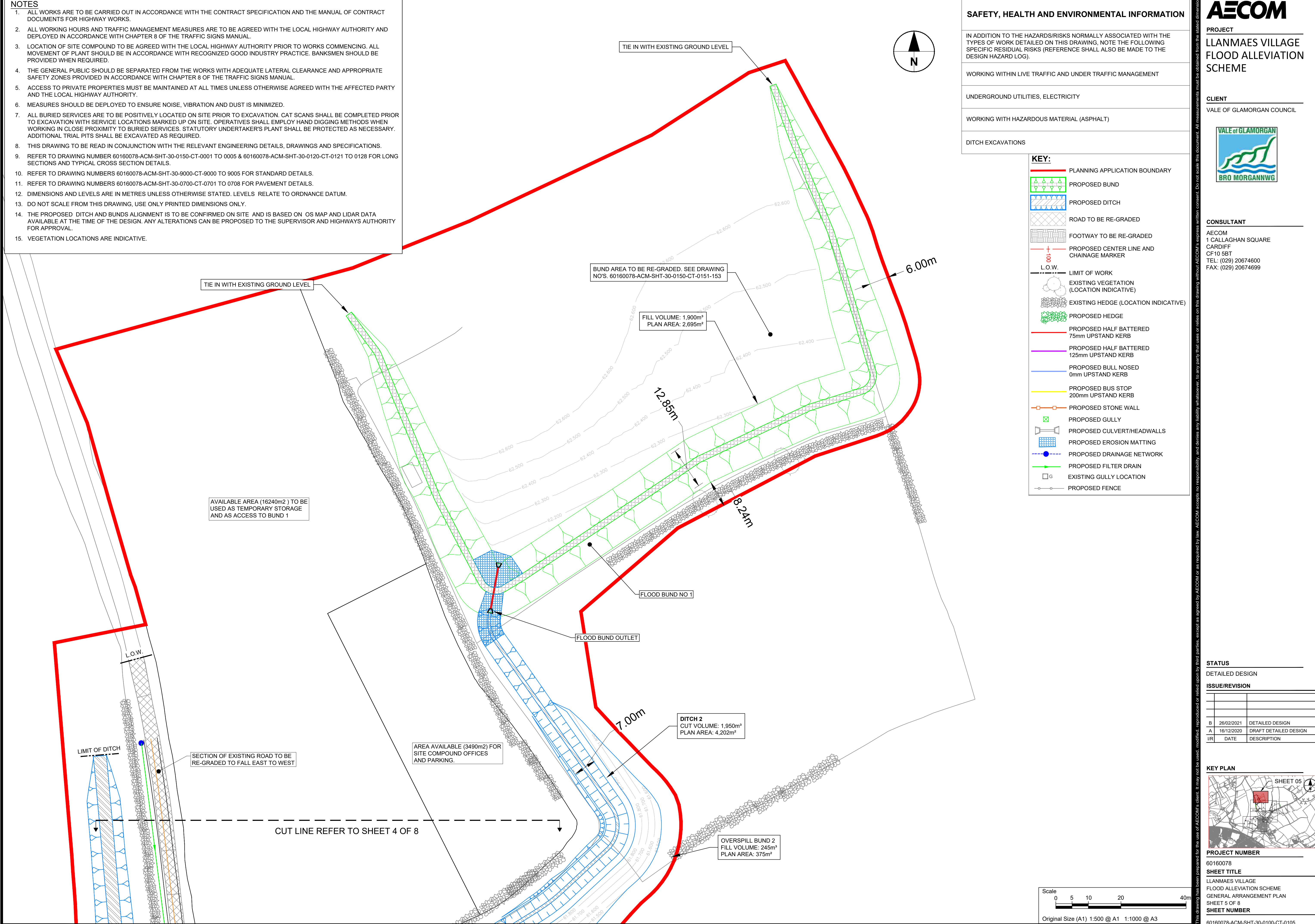
DITCH EXCAVATIONS

KEY:

- PLANNING APPLICATION BOUNDARY
- PROPOSED BUND
- PROPOSED DITCH
- ROAD TO BE RE-GRADED
- FOOTWAY TO BE RE-GRADED
- PROPOSED CENTER LINE AND CHAINAGE MARKER
- L.O.W. LIMIT OF WORK
- EXISTING VEGETATION (LOCATION INDICATIVE)
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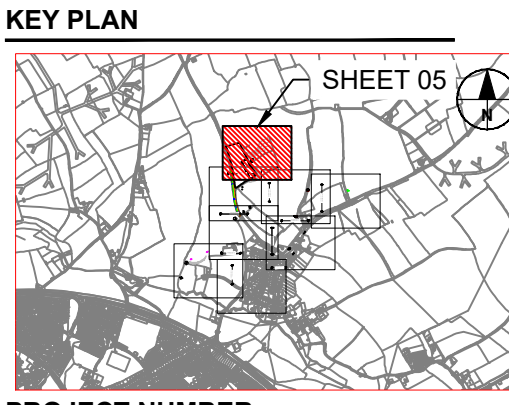
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STATUS
DETAILED DESIGN

ISSUE/REVISION

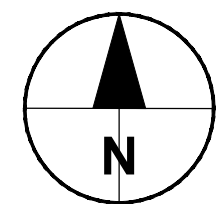
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A	16/12/2020	DRAFT DETAILED DESIGN



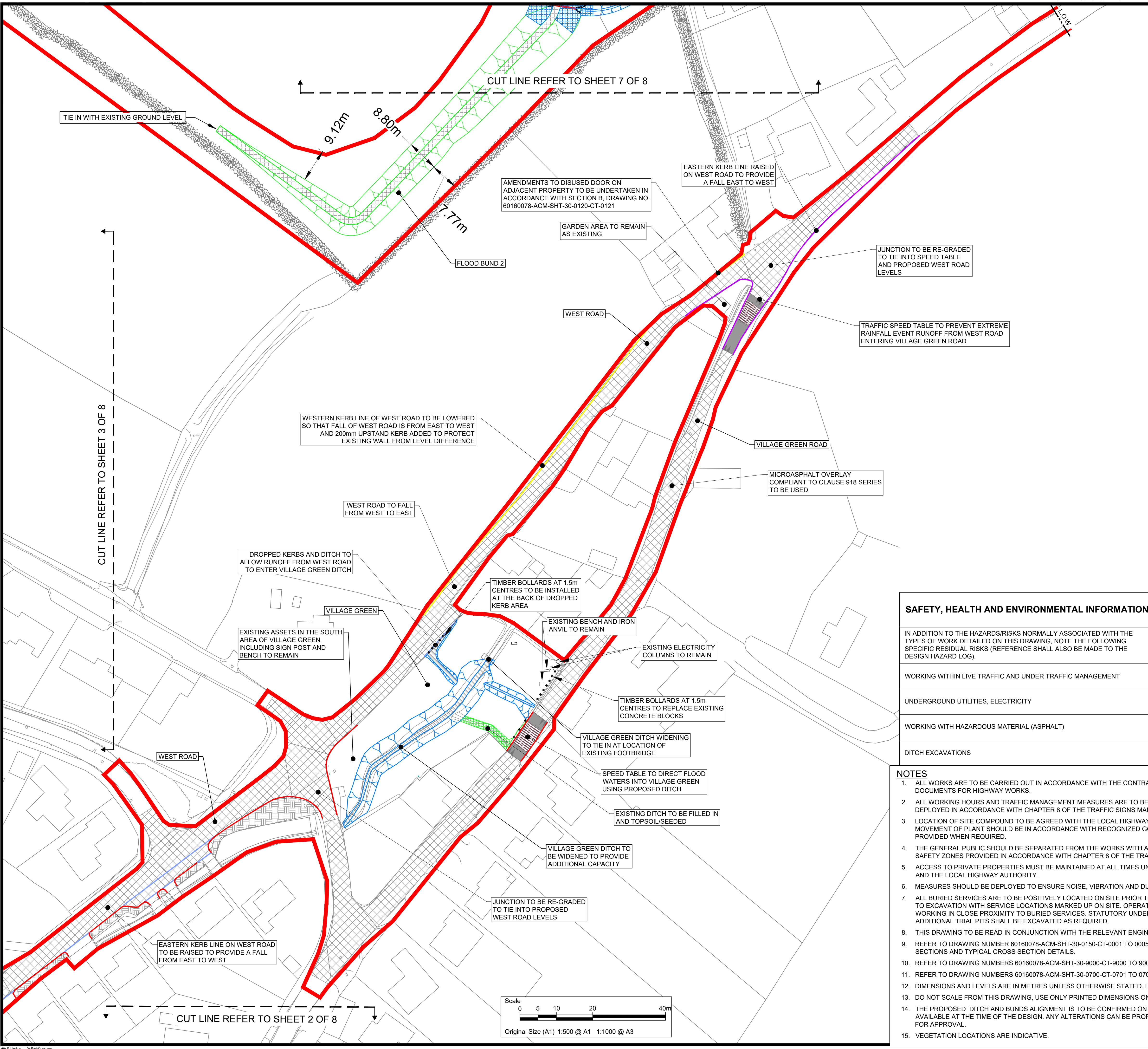
PROJECT NUMBER
60160078

SHEET TITLE
LLANMAES VILLAGE
FLOOD ALLEVIATION SCHEME
GENERAL ARRANGEMENT PLAN
SHEET 5 OF 8

SHEET NUMBER
60160078-ACM-SHT-30-0100-CT-0105



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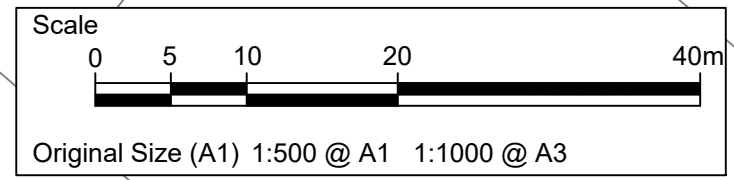
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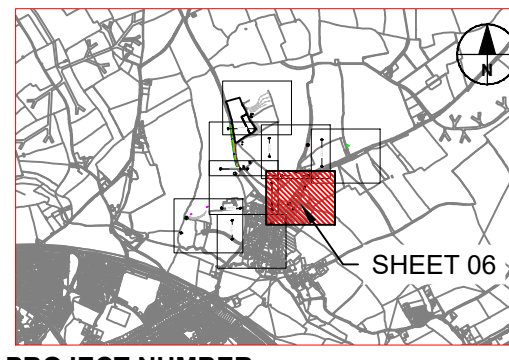
STATUS

DETAILED DESIGN

ISSUE/REVISION

IR	DATE	DESCRIPTION
B	26/02/2021	DETAILED DESIGN
A	16/12/2020	DRAFT DETAILED DESIGN

KEY PLAN



PROJECT NUMBER

60160078

SHEET TITLE

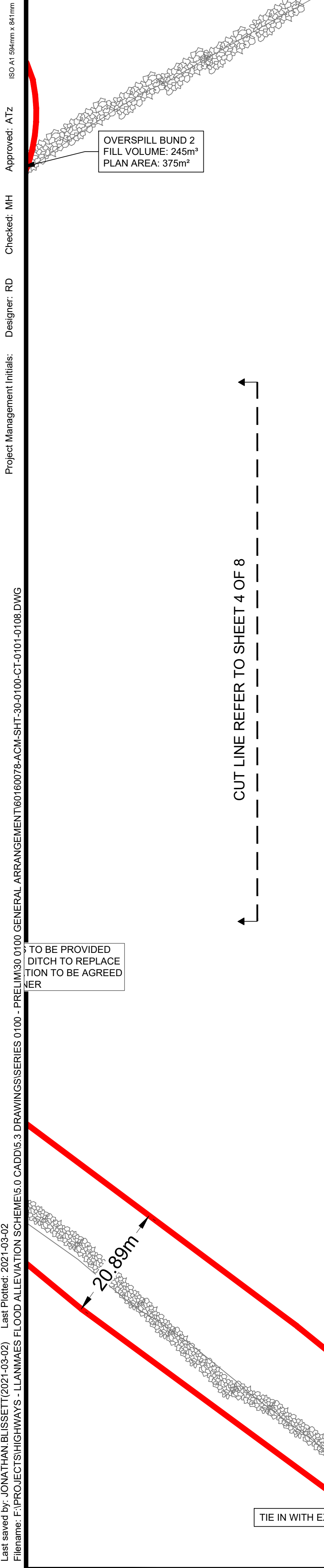
LLANMAES VILLAGE
FLOOD ALLEVIATION SCHEME
GENERAL ARRANGEMENT PLAN
SHEET 6 OF 8

SHEET NUMBER

60160078-ACM-SHT-30-0100-CT-0106



Approved: A.Tz. Checked: M.H. Designer: R.D. Project Management Initials: [Blank] Last saved by: JONATHAN BLISSETT (2021-03-02) Last Printed: 2021-03-02 Filename: F:\PROJECTS\HIGHWAYS - LLANMAES FLOOD ALLEVIATION SCHEMES\0_CADD\5.3_DRAWINGS\SERIES 0100 - PRELIM\30_0100_GENERAL ARRANGEMENT\60160078-ACM-SHT-30-0100-CT-01-01-0108.DWG



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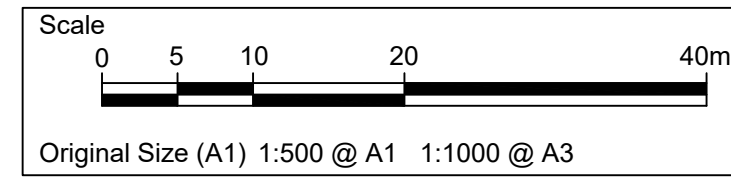
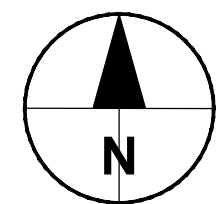
FILL VOLUME: 1.966m³
PLAN AREA: 3.220m²

FLOOD BUND OUTFALL TO DITCH. REFER TO DRAWING NO. 60160078-ACM-SHT-30-9000-CT-9002 FOR TYPICAL BUND OUTFALL DETAIL

CUT LINE REFER TO SHEET 4 OF 8

CUT LINE REFER TO SHEET 8 OF 8

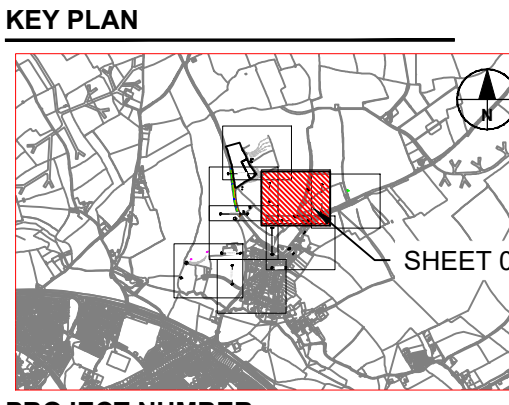
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STATUS
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ISSUE/REVISION

NO	DATE	DESCRIPTION
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A	16/12/2020	DRAFT DETAILED DESIGN
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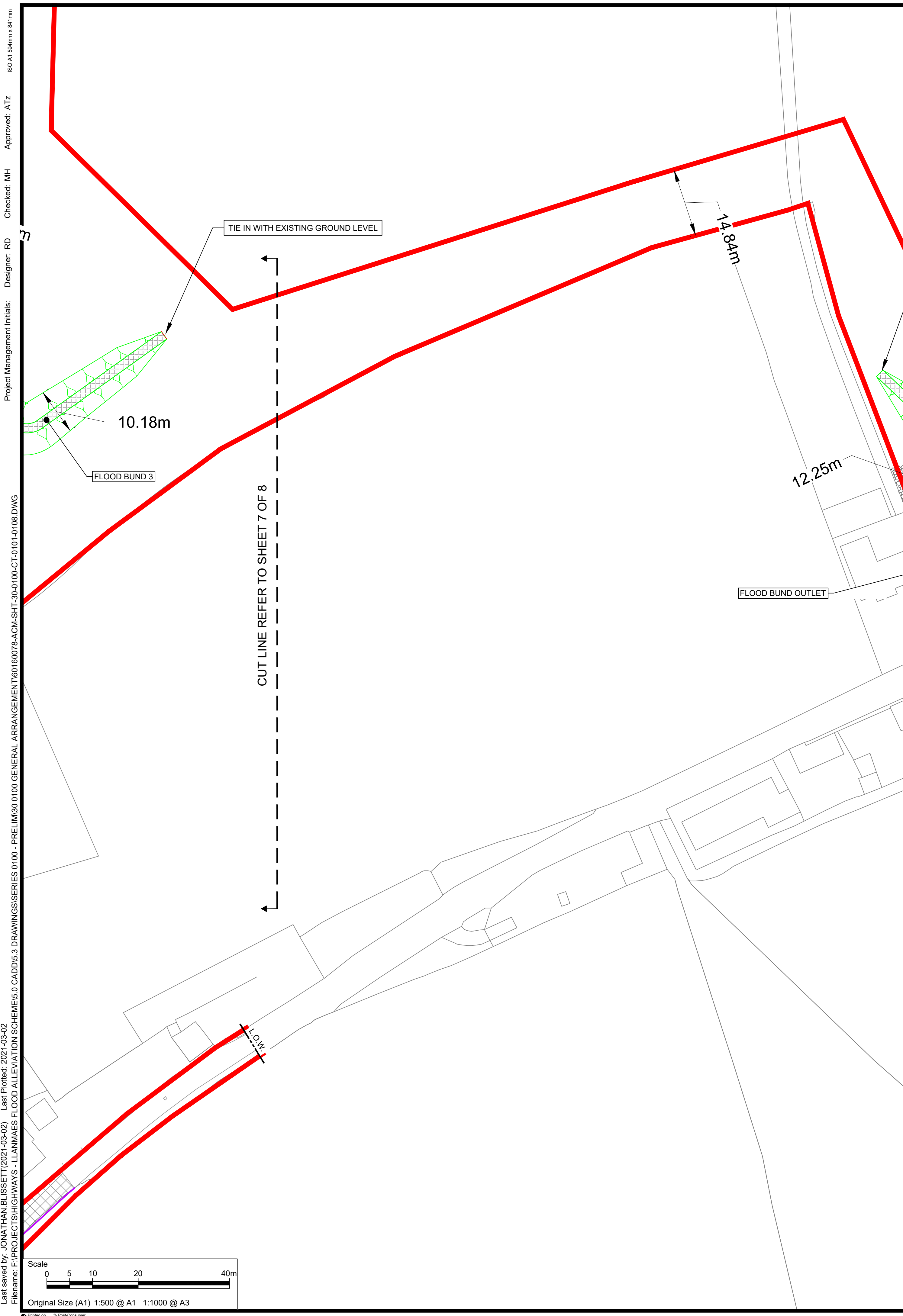
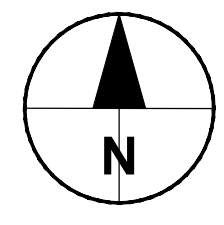


PROJECT NUMBER
60160078

SHEET TITLE
LLANMAES VILLAGE
FLOOD ALLEVIATION SCHEME
GENERAL ARRANGEMENT PLAN
SHEET 7 OF 8

SHEET NUMBER
60160078-ACM-SHT-30-0100-CT-0107

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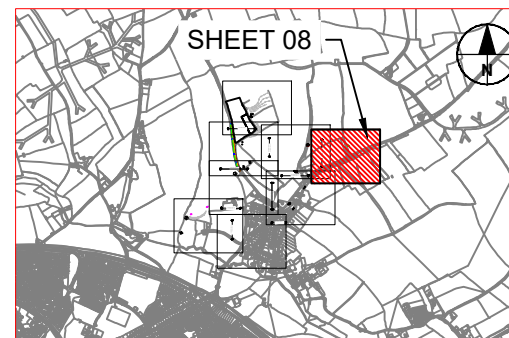
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KEY PLAN



PROJECT NUMBER

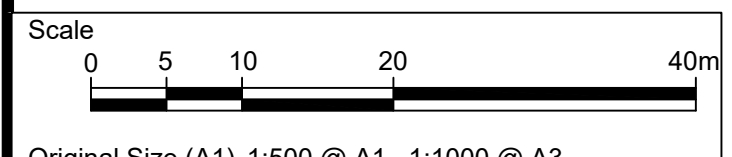
60160078

SHEET TITLE

LLANMAES VILLAGE
FLOOD ALLEVIATION SCHEME
GENERAL ARRANGEMENT PLAN
SHEET 8 OF 8
SHEET NUMBER

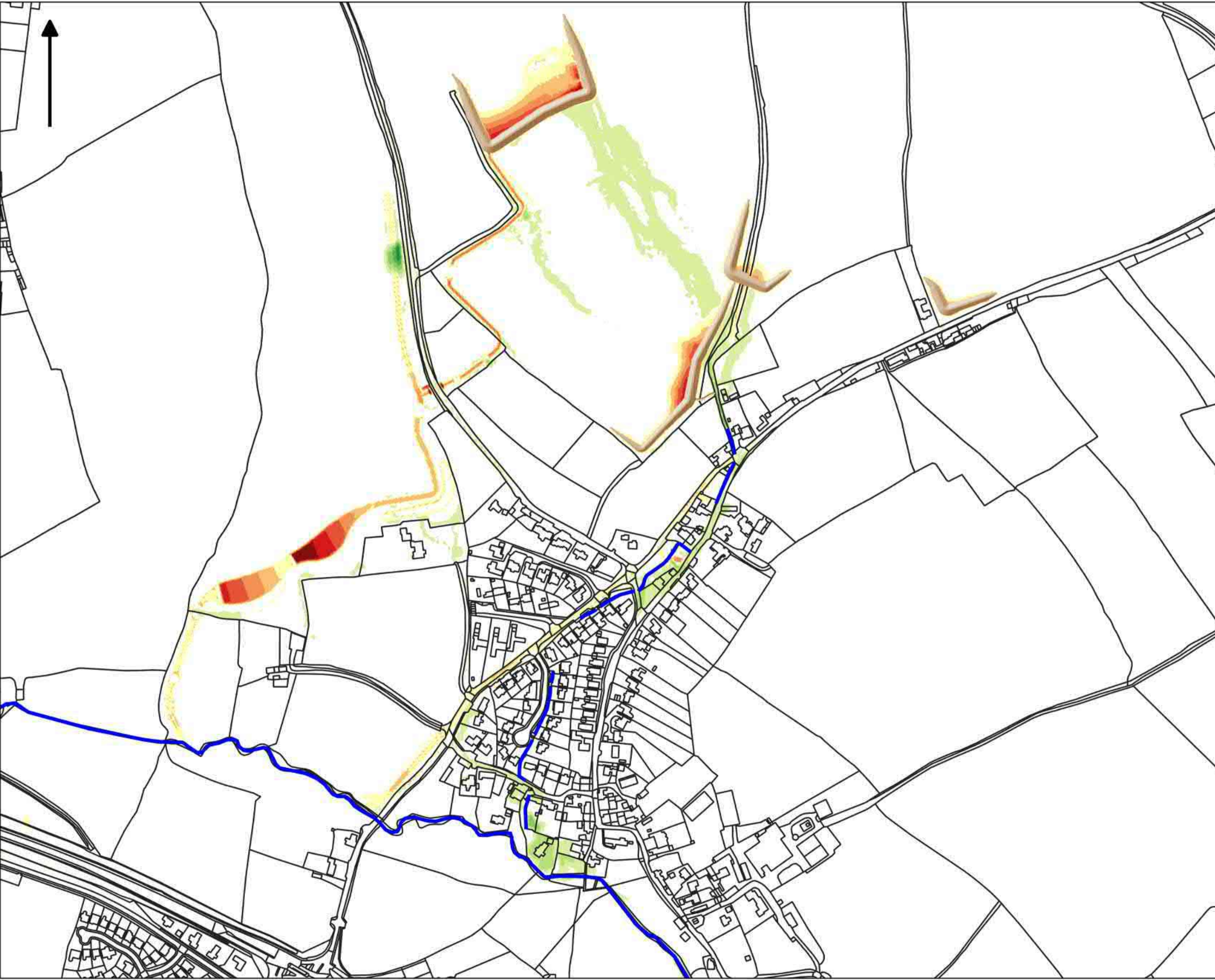
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Original Size (A1) 1:500 @ A1 1:1000 @ A3

Appendix D – Proposed Option Modelling Results



Legend

- Watercourse
- Depth Difference (m)**
- Less than -0.5
- 0.4 to -0.5
- 0.3 to -0.4
- 0.2 to -0.3
- 0.1 to -0.2
- 0.01 to -0.1
- 0.01 to +0.01
- +0.01 to +0.1
- +0.1 to +0.2
- +0.2 to +0.3
- +0.3 to +0.4
- +0.4 to +0.5
- Greater than +0.5
- Flood Storage Area

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Revision Details	By	Date	Suffix

Drawing Status: **FINAL**

Job Title:
Llanmaes Flood Alleviation Scheme

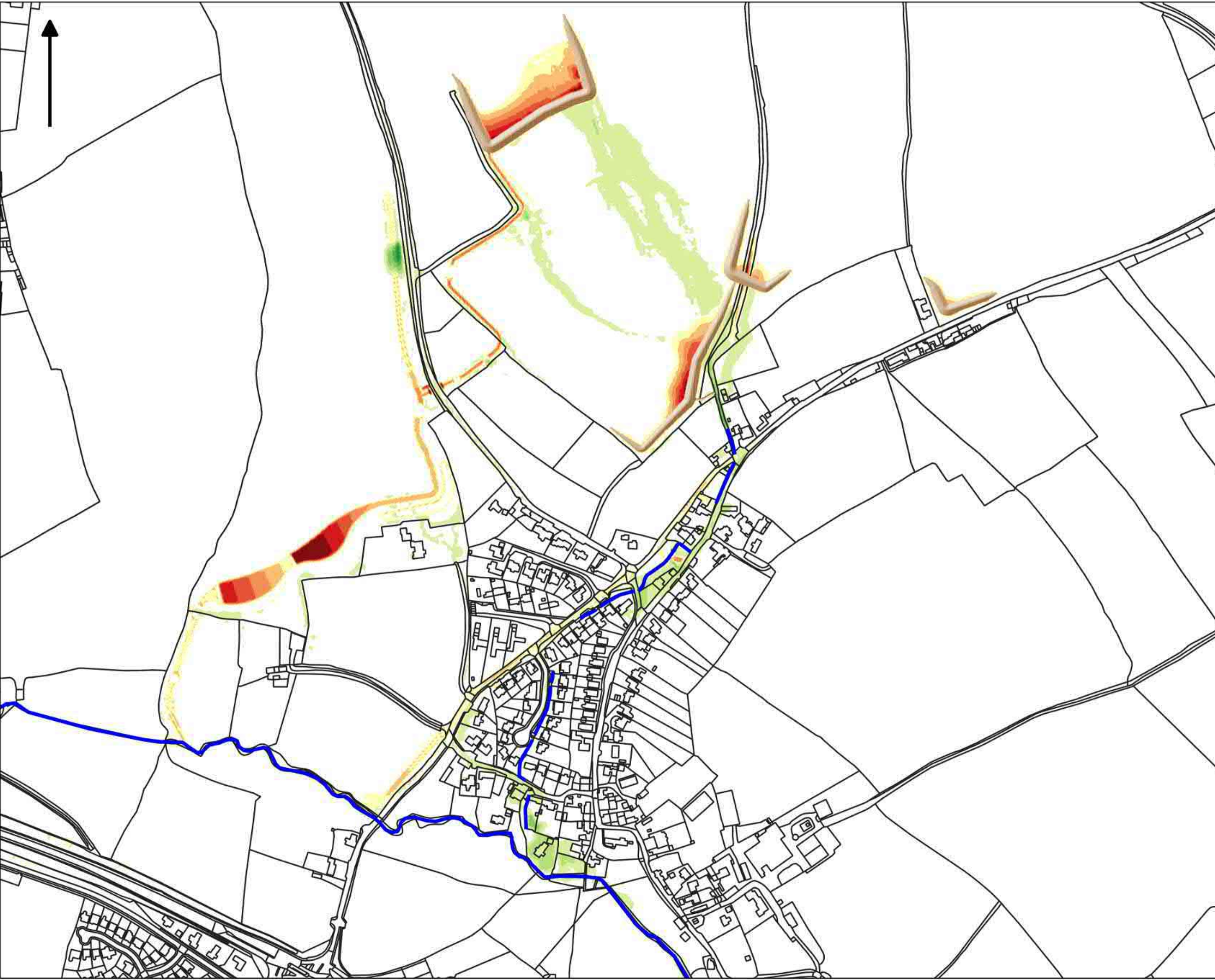
Drawing Title:
Maximum Depth Difference Proposed Option vs. Baseline 20% AEP

Scale at A3: **1:4000**

Drawn: RC	Approved: RS
Stage 1 Check: RM	Stage 2 Check: AT
Original Date: 04/21	Date: 04/21



Drawing Number: **D1** Rev:



Legend

- Watercourse
- Depth Difference (m)**
- Less than -0.5
- -0.4 to -0.5
- -0.3 to -0.4
- -0.2 to -0.3
- -0.1 to -0.2
- -0.01 to -0.1
- -0.01 to +0.01
- +0.01 to +0.1
- +0.1 to +0.2
- +0.2 to +0.3
- +0.3 to +0.4
- +0.4 to +0.5
- Greater than +0.5
- Flood Storage Area

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Revision Details	By	Date	Suffix

Drawing Status: **FINAL**

Job Title
Llanmaes Flood Alleviation Scheme

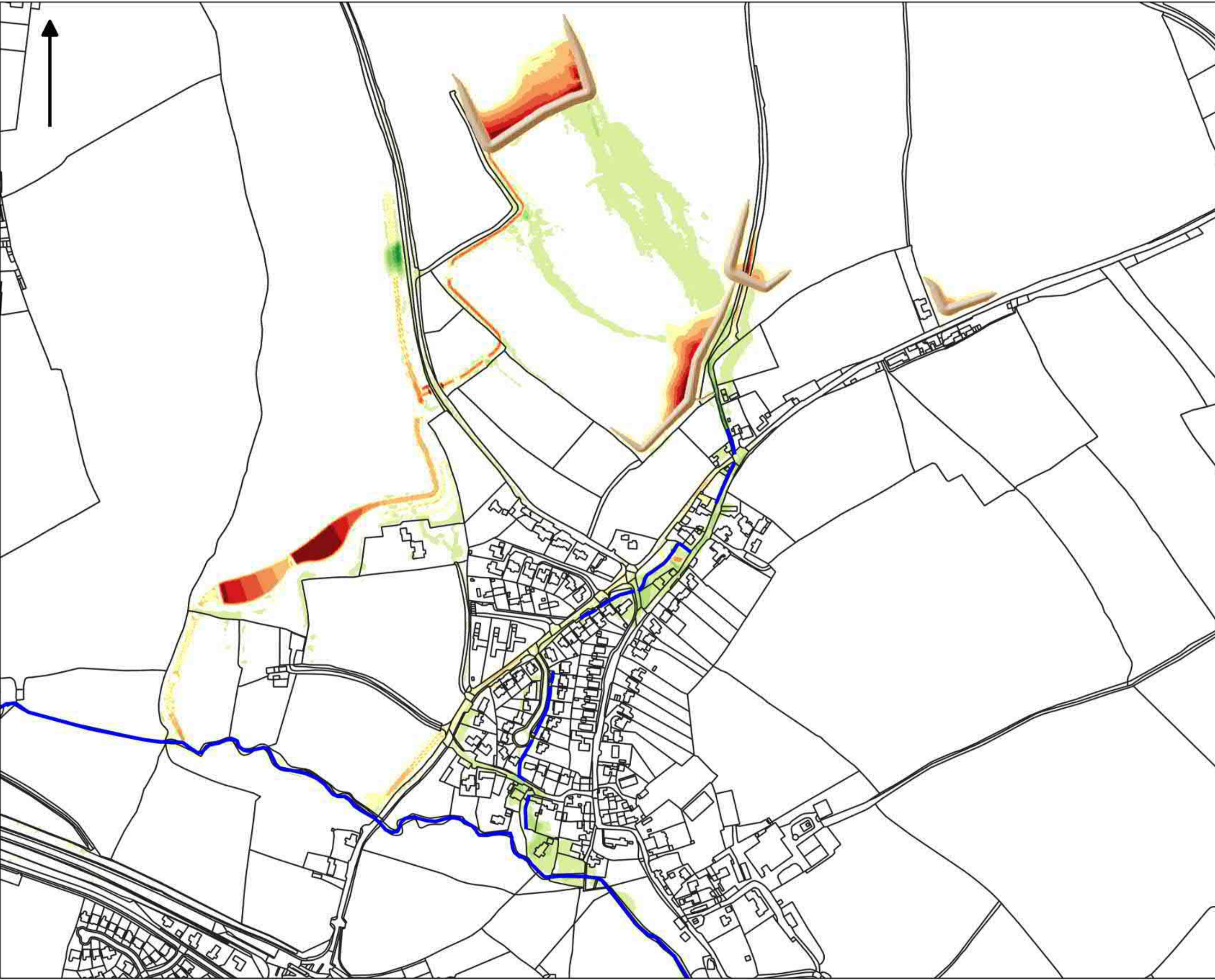
Drawing Title
Maximum Depth Difference Proposed Option vs. Baseline 10% AEP

Scale at A3: **1:4000**

Drawn: RC	Approved: RS
Stage 1 Check: RM	Stage 2 Check: AT
Original Date: 04/21	Date: 04/21



Drawing Number: **D2** Rev:



Legend

- Watercourse
- Depth Difference (m)**
- Less than -0.5
- -0.4 to -0.5
- -0.3 to -0.4
- -0.2 to -0.3
- -0.1 to -0.2
- -0.01 to -0.1
- -0.01 to +0.01
- +0.01 to +0.1
- +0.1 to +0.2
- +0.2 to +0.3
- +0.3 to +0.4
- +0.4 to +0.5
- Greater than +0.5
- Flood Storage Area

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Revision Details	By	Date	Suffix

Drawing Status: **FINAL**

Job Title:
Llanmaes Flood Alleviation Scheme

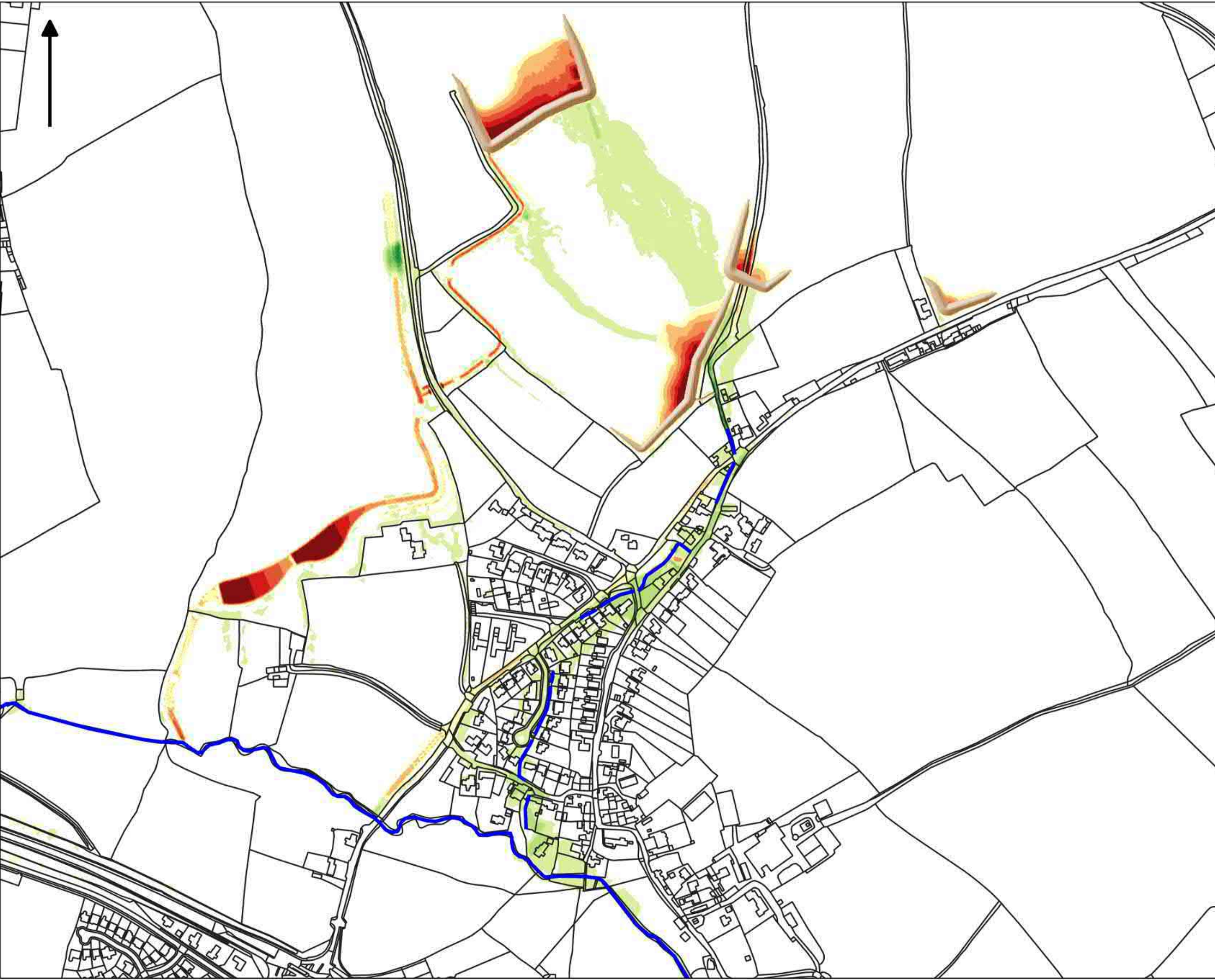
Drawing Title:
Maximum Depth Difference Proposed Option vs. Baseline 5% AEP

Scale at A3: **1:4000**

Drawn: RC	Approved: RS
Stage 1 Check: RM	Stage 2 Check: AT
Original Date: 04/21	



Drawing Number: **D3** Rev:



Legend

- Watercourse
- Depth Difference (m)**
- Less than -0.5
- -0.4 to -0.5
- -0.3 to -0.4
- -0.2 to -0.3
- -0.1 to -0.2
- -0.01 to -0.1
- -0.01 to +0.01
- +0.01 to +0.1
- +0.1 to +0.2
- +0.2 to +0.3
- +0.3 to +0.4
- +0.4 to +0.5
- Greater than +0.5
- Flood Storage Area

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Revision Details	By	Date	Scale

Drawing Status: **FINAL**

Job Title:
Llanmaes Flood Alleviation Scheme

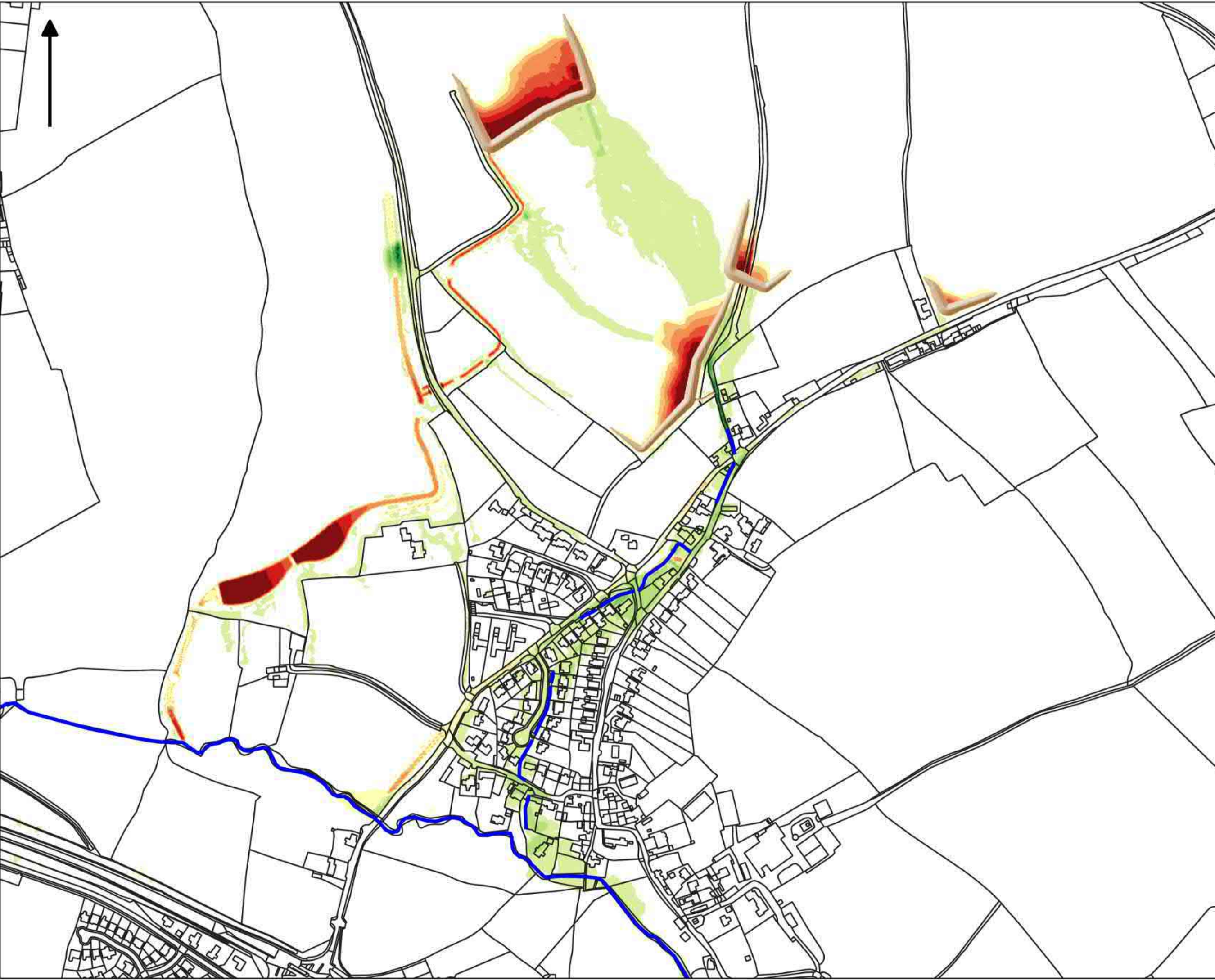
Drawing Title:
Maximum Depth Difference Proposed Option vs. Baseline 2% AEP

Scale at A3: **1:4000**

Drawn: RC	Approved: RS
Stage 1 Check: RM	Stage 2 Check: AT
Original Date: 04/21	Date: 04/21



Drawing Number: **D4** Rev:



Legend

- Watercourse
- Depth Difference (m)**
- Less than -0.5
- -0.4 to -0.5
- -0.3 to -0.4
- -0.2 to -0.3
- -0.1 to -0.2
- -0.01 to -0.1
- -0.01 to +0.01
- +0.01 to +0.1
- +0.1 to +0.2
- +0.2 to +0.3
- +0.3 to +0.4
- +0.4 to +0.5
- Greater than +0.5
- Flood Storage Area

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Revision Details	By	Date	Scale

Drawing Status: **FINAL**

Job Title
Llanmaes Flood Alleviation Scheme

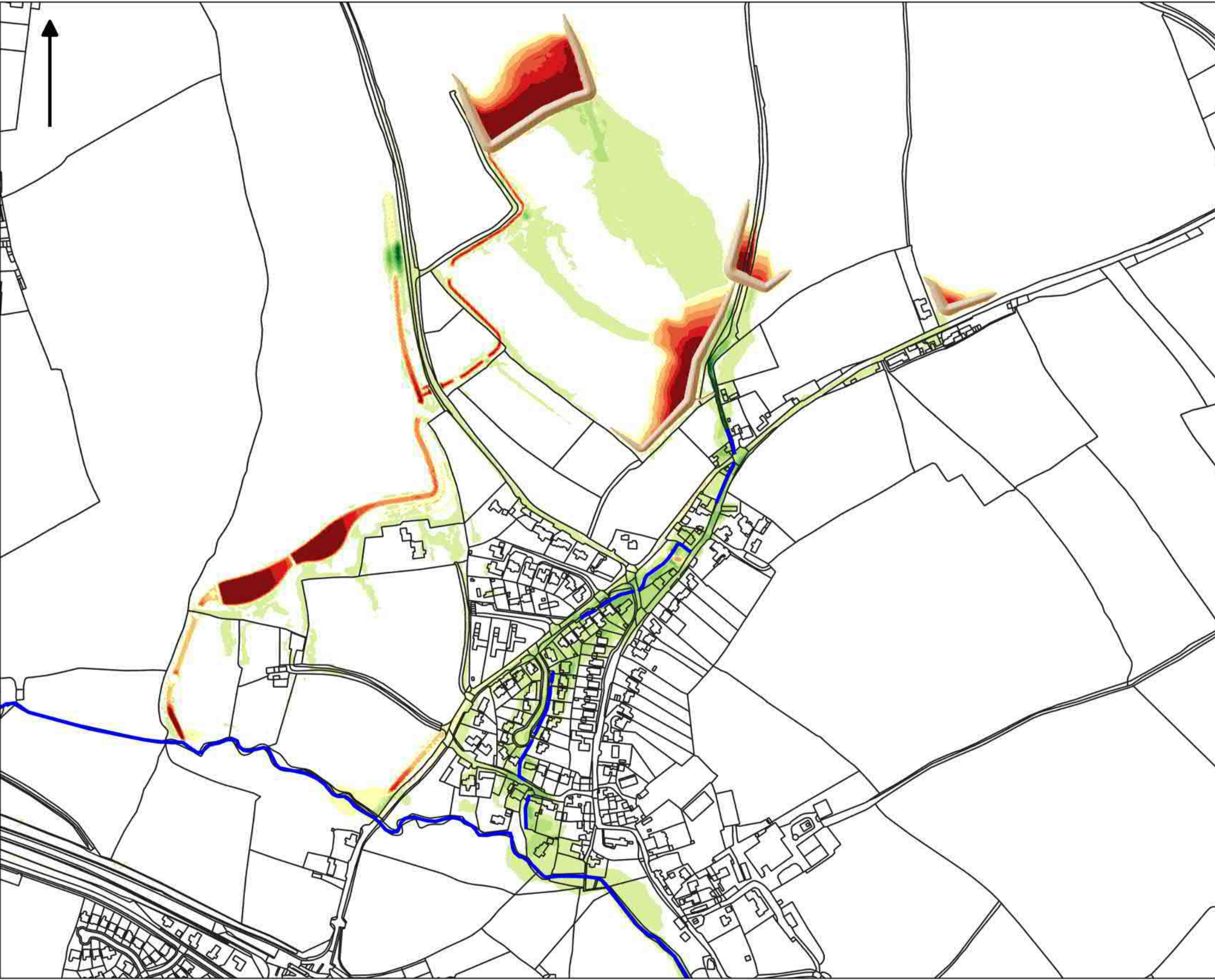
Drawing Title
Maximum Depth Difference Proposed Option vs. Baseline 1% AEP

Scale at A3: **1:4000**

Drawn: RC	Approved: RS
Stage 1 Check: RM	Stage 2 Check: AT
Original Date: 04/21	Date: 04/21



Drawing Number: **D5** Rev:



Legend

- Watercourse

Depth Difference (m)

- Less than -0.5
- -0.4 to -0.5
- -0.3 to -0.4
- -0.2 to -0.3
- -0.1 to -0.2
- -0.01 to -0.1
- -0.01 to +0.01
- +0.01 to +0.1
- +0.1 to +0.2
- +0.2 to +0.3
- +0.3 to +0.4
- +0.4 to +0.5
- Greater than +0.5

■ Flood Storage Area

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Revision Details	By	Date	Author

Drawing Status: **FINAL**

Job Title
Llanmaes Flood Alleviation Scheme

Drawing Title
Maximum Depth Difference Proposed Option vs. Baseline 1% AEP + 30% Climate Change

Scale at A3: **1:4000**

Drawn: RC	Approved: RS
Stage 1 Check: RM	Stage 2 Check: AT
Original Date: 04/21	Date: 04/21



Drawing Number: **D6** Rev: