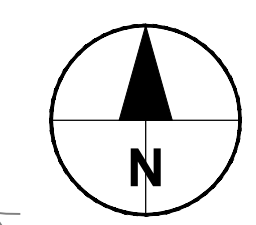


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Approved: RM
Checked: ATZ
Designer: RD
Project Management Initials:
Last saved by: RHYS DAVIES(2021-03-03) Last Plotted: 2021-03-03
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PROJECT
LLANMAES VILLAGE
FLOOD ALLEVIATION
SCHEME

CLIENT
VALE OF GLAMORGAN COUNCIL



CONSULTANT
AECOM
1 CALLAGHAN SQUARE
CARDIFF
CF10 5BT
TEL: (029) 20674600
FAX: (029) 20674699

- NOTES
1. TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION / INFORMATION.
 2. ALL LEVELS RELATE TO ORDNANCE DATUM.
 3. DO NOT SCALE FROM THIS DRAWING. USE PRINTED DIMENSIONS ONLY.

LEGEND

01	SHEET LAYOUT AND NUMBER
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STATUS

DETAILED DESIGN

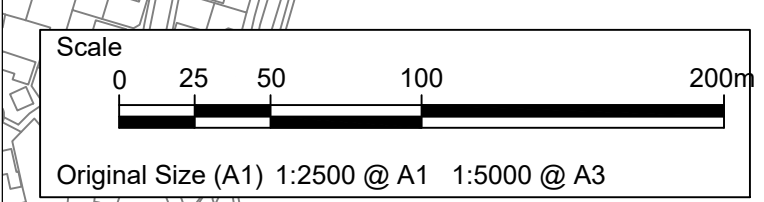
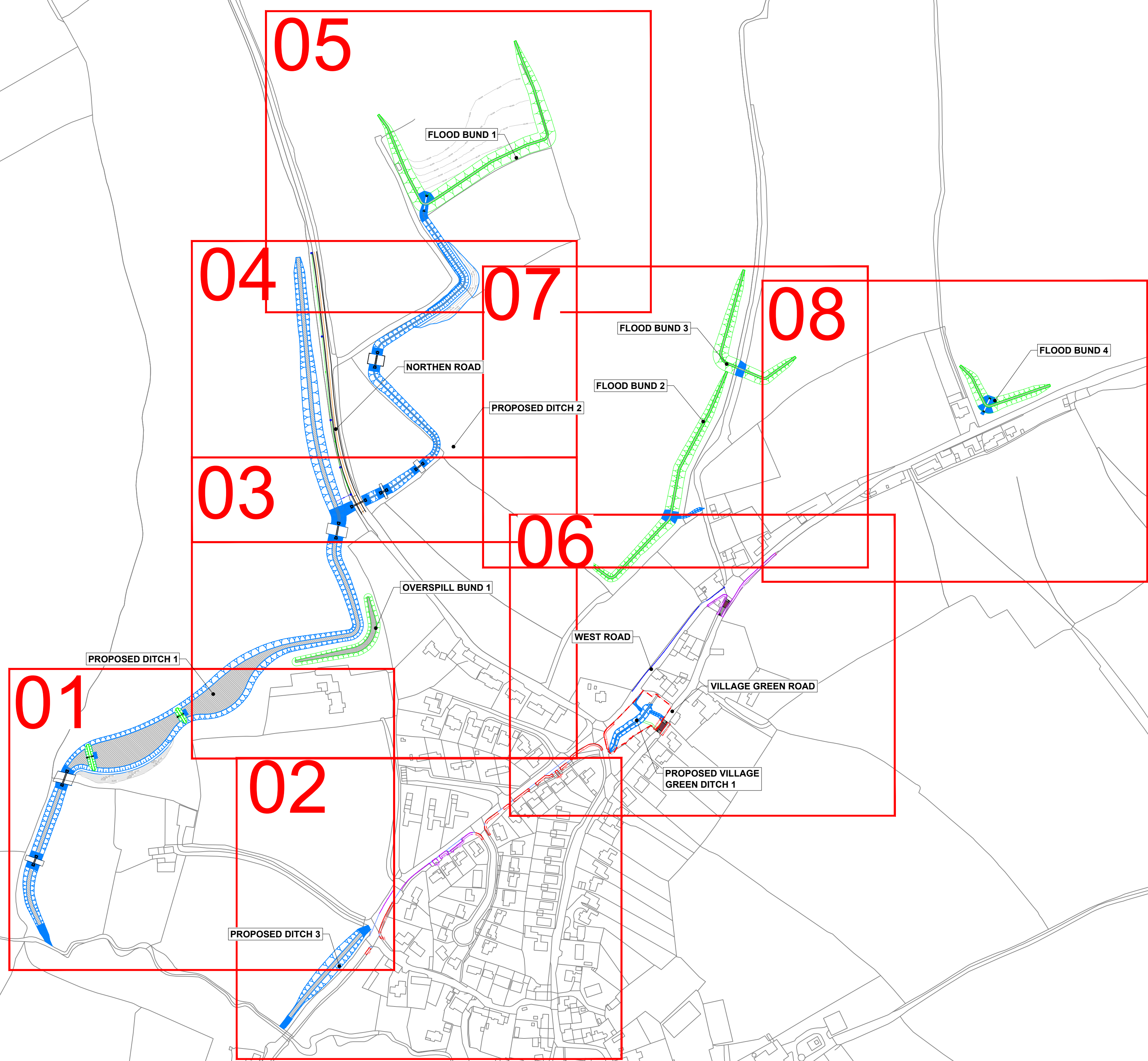
ISSUE/REVISION

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

PROJECT NUMBER
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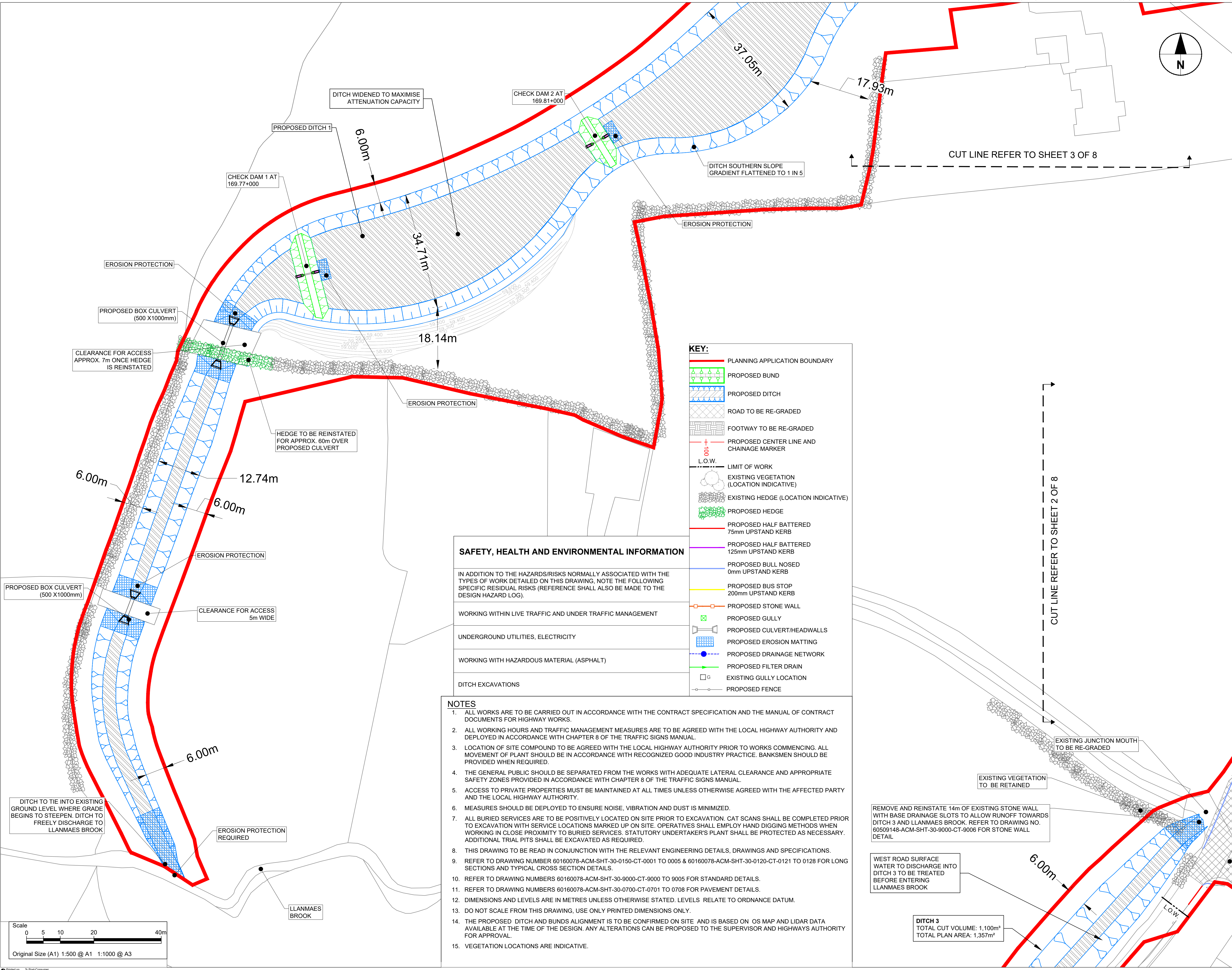
SHEET TITLE
LLANMAES VILLAGE
FLOOD ALLEVIATION SCHEME
LOCATION PLAN
SCALE: 1:2500

SHEET NUMBER
60160078-ACM-SHT-30-0000-CT-0001





Approved: ATZ
Checked: MH
Designer: RD
Project Management Initials:
Last saved by: JONATHAN BLISSETT (2021-03-02)
Filename: F:\PROJECTS\HIGHWAYS - LLANMAES FLOOD ALLEVIATION SCHEMES\0 CADDS\3 DRAWINGS\SERIES 0100 - PRELIM\30 0100 GENERAL ARRANGEMENT\60160078-ACM-SHT-30-0100-CT-01-01-0108.DWG



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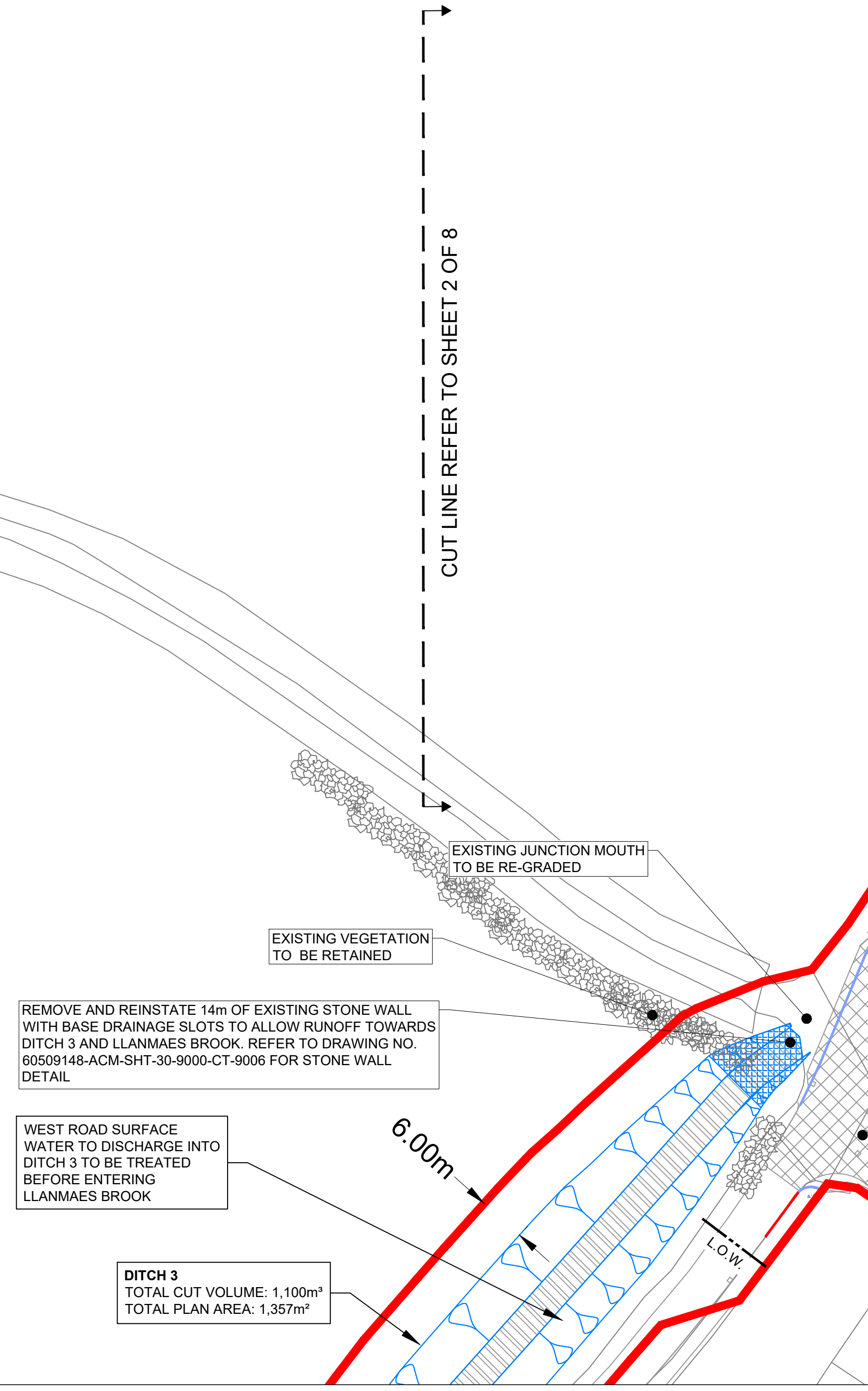
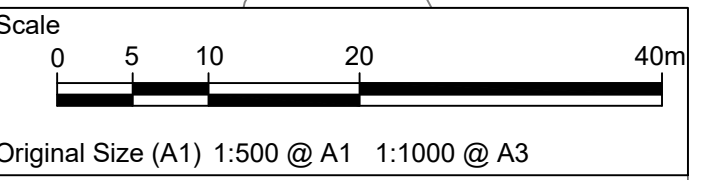
- PLANNING APPLICATION BOUNDARY
- PROPOSED BUND
- PROPOSED DITCH
- ROAD TO BE RE-GRADED
- FOOTWAY TO BE RE-GRADED
- PROPOSED CENTER LINE AND CHAINAGE MARKER
- L.O.W. LIMIT OF WORK
- EXISTING VEGETATION (LOCATION INDICATIVE)
- EXISTING HEDGE (LOCATION INDICATIVE)
- PROPOSED HEDGE
- PROPOSED HALF BATTERED 75mm UPSTAND KERB
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- PROPOSED CULVERT/HEADWALLS
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- PROPOSED FILTER DRAIN
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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- WORKING WITH HAZARDOUS MATERIAL (ASPHALT)
- DITCH EXCAVATIONS

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- REFER TO DRAWING NUMBERS 60160078-ACM-SHT-30-0700-CT-0701 TO 0708 FOR PAVEMENT DETAILS.
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REMOVE AND REINSTATE 14m OF EXISTING STONE WALL WITH BASE DRAINAGE SLOTS TO ALLOW RUNOFF TOWARDS DITCH 3 AND LLANMAES BROOK. REFER TO DRAWING NO. 60509148-ACM-SHT-30-9000-CT-9006 FOR STONE WALL DETAIL

WEST ROAD SURFACE WATER TO DISCHARGE INTO DITCH 3 TO BE TREATED BEFORE ENTERING LLANMAES BROOK

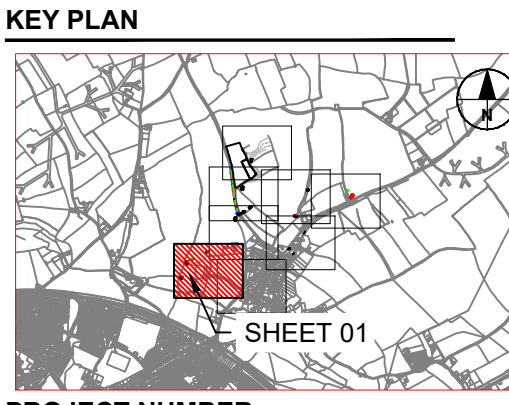
DITCH 3
TOTAL CUT VOLUME: 1,100m³
TOTAL PLAN AREA: 1,357m²

STATUS

DETAILED DESIGN

ISSUE/REVISION

NO	DATE	DESCRIPTION
B	26/02/2021	DETAILED DESIGN
A	16/12/2020	DRAFT DETAILED DESIGN
NR		



PROJECT NUMBER
60160078

SHEET TITLE
LLANMAES VILLAGE
FLOOD ALLEVIATION SCHEME
GENERAL ARRANGEMENT PLAN
SHEET 1 OF 8

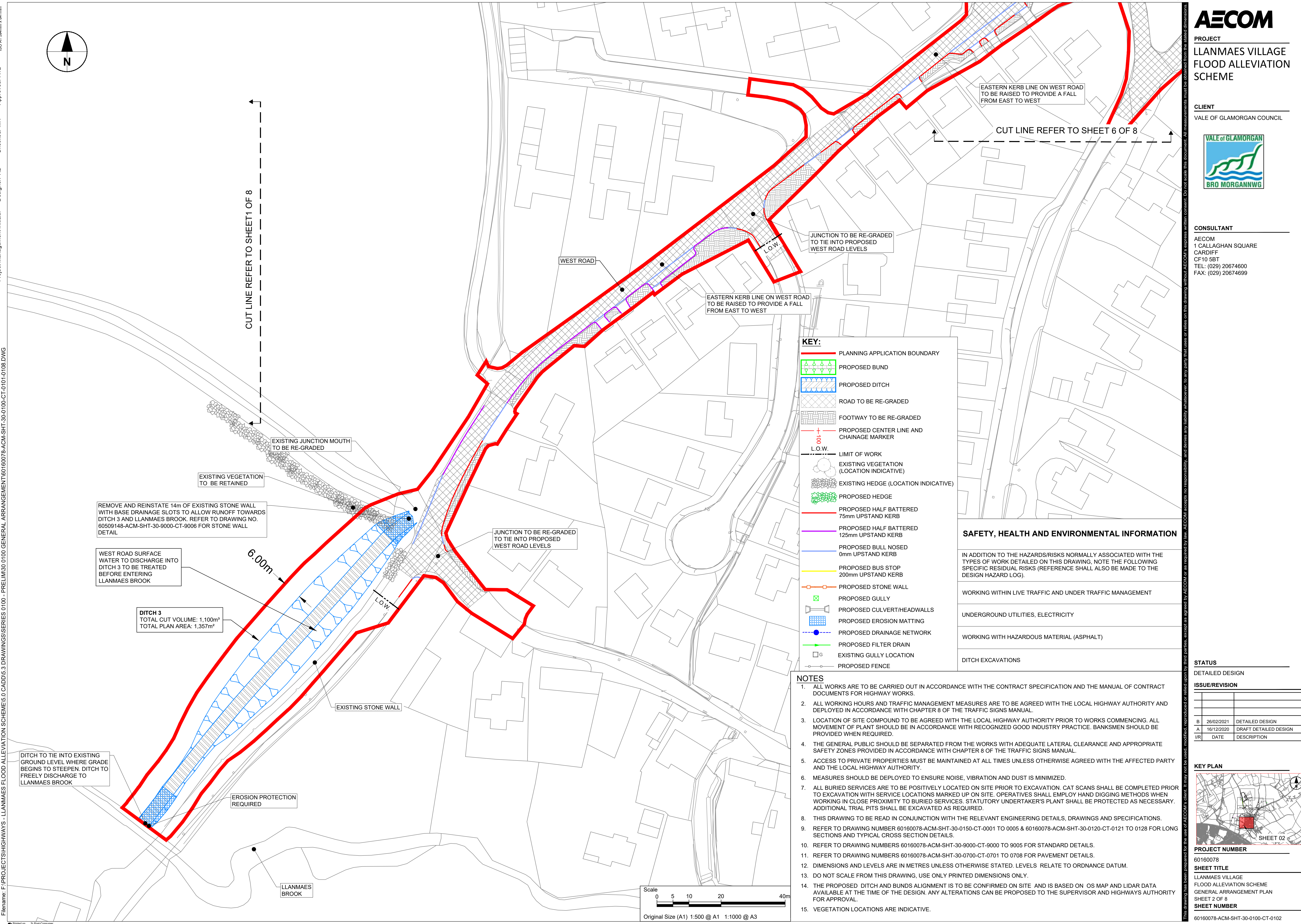
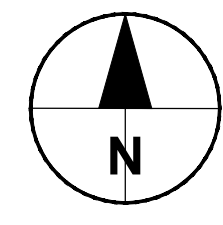
SHEET NUMBER
60160078-ACM-SHT-30-0100-CT-0101

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Project Management Initials: Designer: RD Checked: MH Approved: ATZ

Last saved by: JONATHAN BLISSETT (2021-03-02) Last Printed: 2021-03-02
Filename: F:\PROJECTS\HIGHWAYS - LLANMAES FLOOD ALLEVIATION SCHEMES\0 CADDS\3 DRAWINGS\SERIES 0100 - PRELIM\30 0100 GENERAL ARRANGEMENT\60160078-ACM-SHT-30-0100-CT-01-01-0108.DWG



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.
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- PROPOSED FILTER DRAIN
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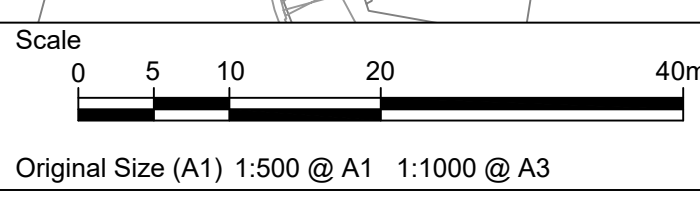
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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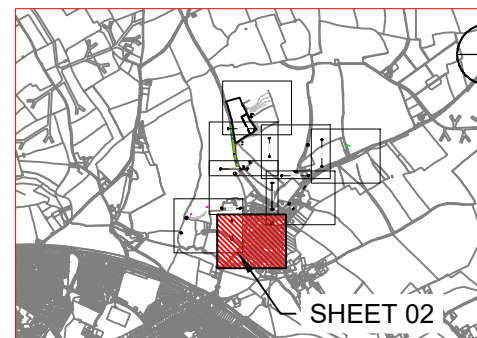
STATUS

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

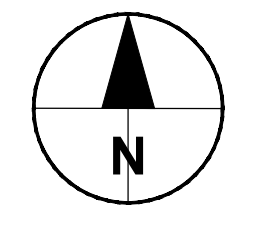
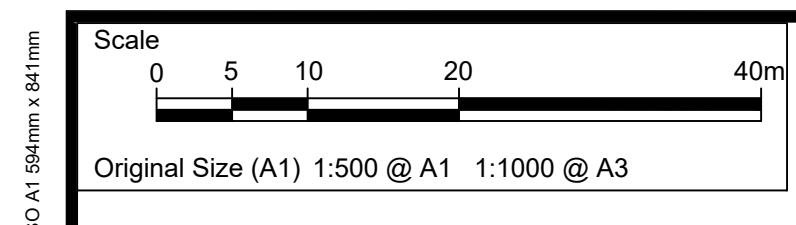
SHEET TITLE

LLANMAES VILLAGE
FLOOD ALLEVIATION SCHEME
GENERAL ARRANGEMENT PLAN
SHEET 2 OF 8

SHEET NUMBER

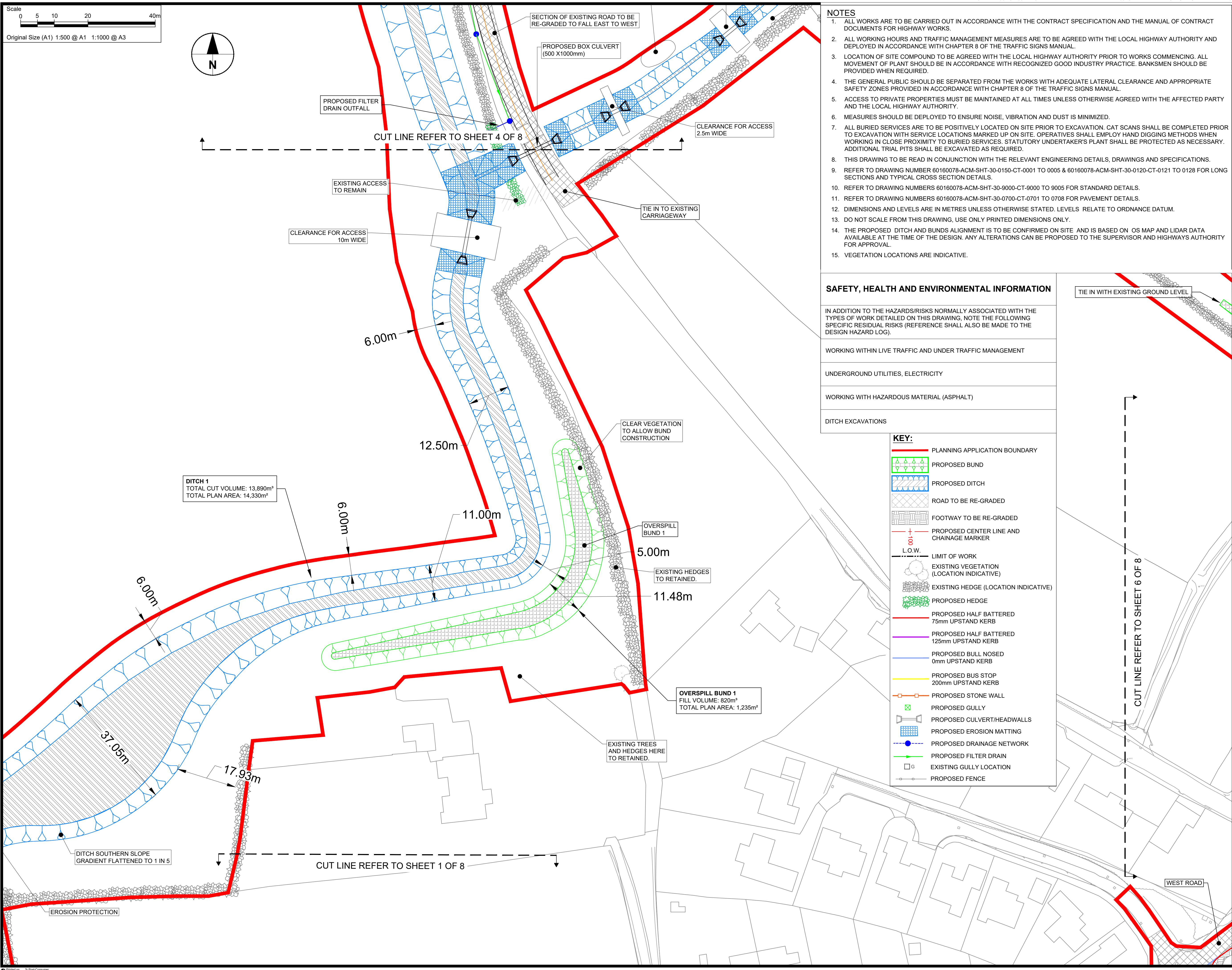
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Approved: ATZ
Checked: MH
Designer: RD
Project Management Initials:

Project Management Initials:
Last saved by: JONATHAN BLISSETT (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



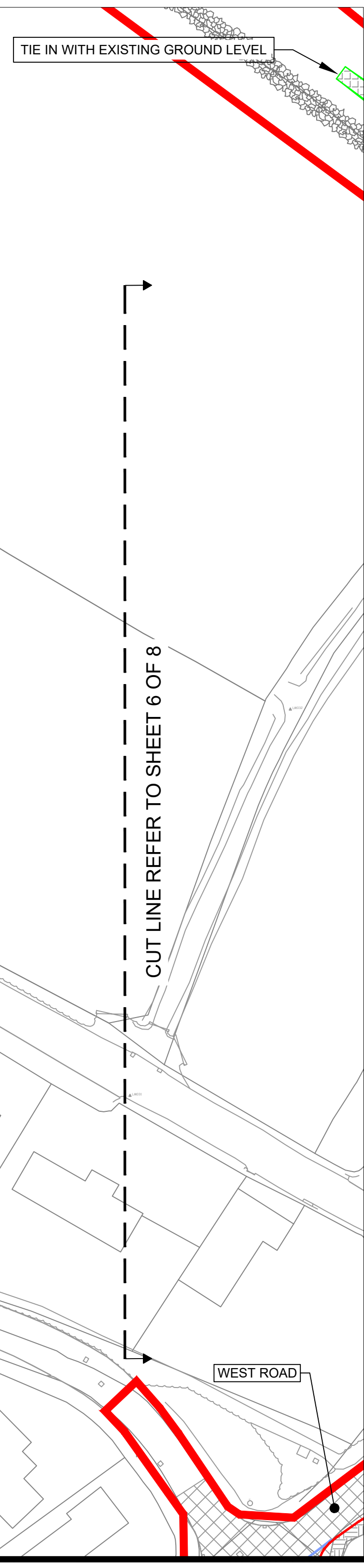
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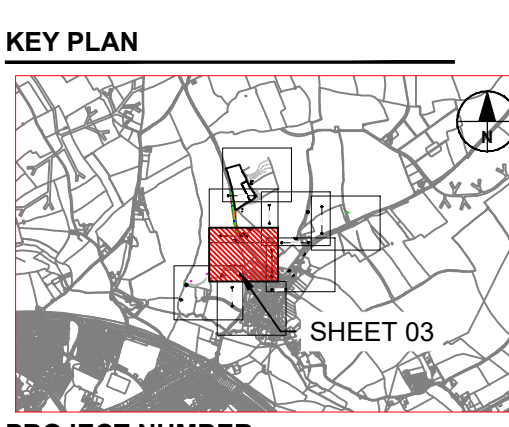
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STATUS
DETAILED DESIGN

ISSUE/REVISION

NO	DATE	DESCRIPTION
B	26/02/2021	DETAILED DESIGN
A	16/12/2020	DRAFT DETAILED DESIGN
IR		



PROJECT NUMBER
60160078

SHEET TITLE
LLANMAES VILLAGE
FLOOD ALLEVIATION SCHEME
GENERAL ARRANGEMENT PLAN
SHEET 3 OF 8

SHEET NUMBER
60160078-ACM-SHT-30-0100-CT-0103

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WORKING WITHIN LIVE TRAFFIC AND UNDER TRAFFIC MANAGEMENT

UNDERGROUND UTILITIES, ELECTRICITY

WORKING WITH HAZARDOUS MATERIAL (ASPHALT)

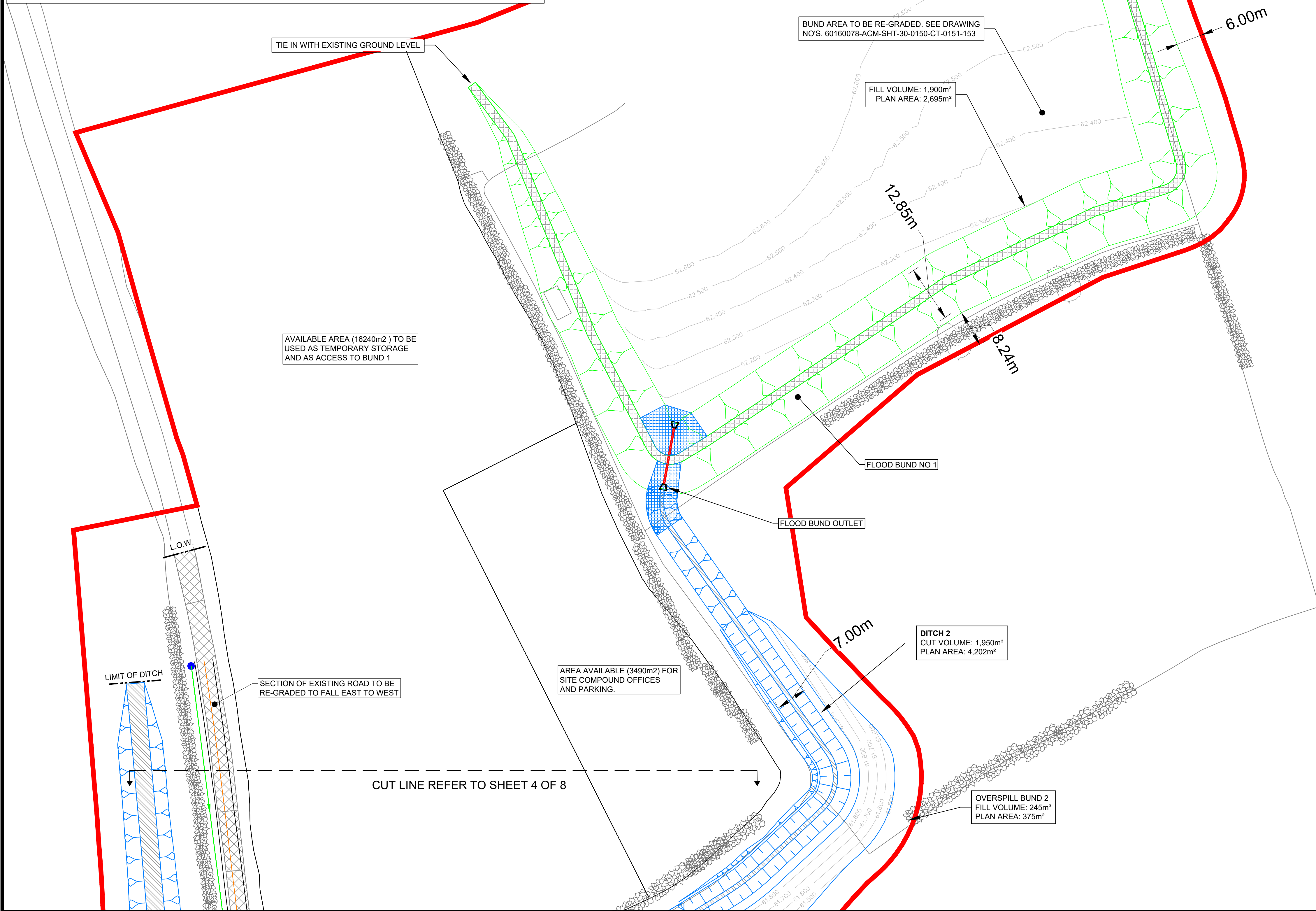
DITCH EXCAVATIONS

KEY:

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Project Management Initials: Designer: RD Checked: MH Approved: ATZ 850 A1 89mm x 841mm



AVAILABLE AREA (16240m²) TO BE USED AS TEMPORARY STORAGE AND AS ACCESS TO BUND 1

AREA AVAILABLE (3490m²) FOR SITE COMPOUND OFFICES AND PARKING.

DITCH 2 CUT VOLUME: 1,950m³ PLAN AREA: 4,202m²

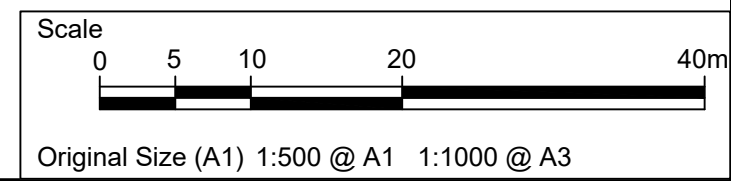
OVERSPILL BUND 2 FILL VOLUME: 245m³ PLAN AREA: 375m²

BUND AREA TO BE RE-GRADED. SEE DRAWING NO'S. 60160078-ACM-SHT-30-0150-CT-0151-153

FILL VOLUME: 1,900m³ PLAN AREA: 2,695m²

SECTION OF EXISTING ROAD TO BE RE-GRADED TO FALL EAST TO WEST

CUT LINE REFER TO SHEET 4 OF 8

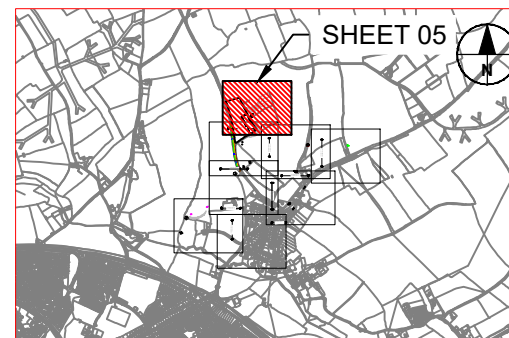


STATUS
DETAILED DESIGN

ISSUE/REVISION

IR	DATE	DESCRIPTION
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A	16/12/2020	DRAFT DETAILED DESIGN

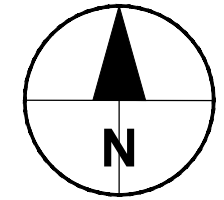
KEY PLAN



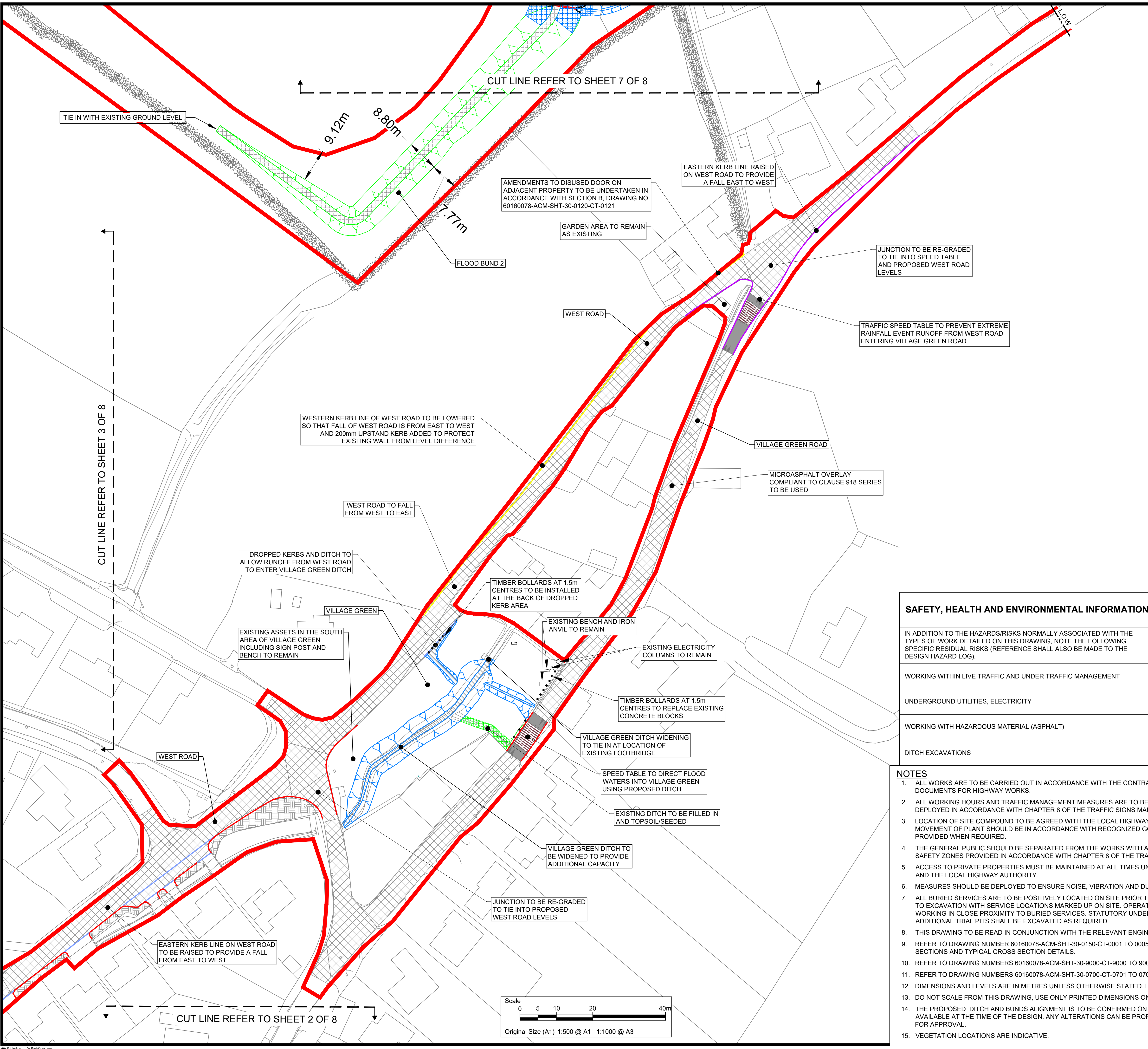
PROJECT NUMBER
60160078

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

SHEET NUMBER



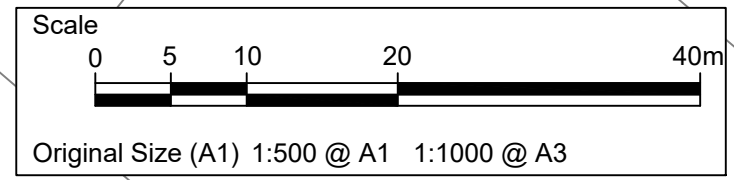
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Checked: MH
Designer: RD
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CUT LINE REFER TO SHEET 7 OF 8

CUT LINE REFER TO SHEET 3 OF 8

CUT LINE REFER TO SHEET 2 OF 8



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 (LOCATION INDICATIVE)
- EXISTING VEGETATION (LOCATION INDICATIVE)
- EXISTING HEDGE (LOCATION INDICATIVE)
- PROPOSED HEDGE
- PROPOSED HALF BATTERED 75mm UPSTAND KERB
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- EXISTING GULLY LOCATION
- PROPOSED FENCE

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

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- WORKING WITH HAZARDOUS MATERIAL (ASPHALT)
- DITCH EXCAVATIONS

NOTES

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9. REFER TO DRAWING NUMBER 60160078-ACM-SHT-30-0150-CT-0001 TO 0005 & 60160078-ACM-SHT-30-0120-CT-0121 TO 0128 FOR LONG SECTIONS AND TYPICAL CROSS SECTION DETAILS.
10. REFER TO DRAWING NUMBERS 60160078-ACM-SHT-30-9000-CT-9000 TO 9005 FOR STANDARD DETAILS.
11. REFER TO DRAWING NUMBERS 60160078-ACM-SHT-30-0700-CT-0701 TO 0708 FOR PAVEMENT DETAILS.
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15. VEGETATION LOCATIONS ARE INDICATIVE.

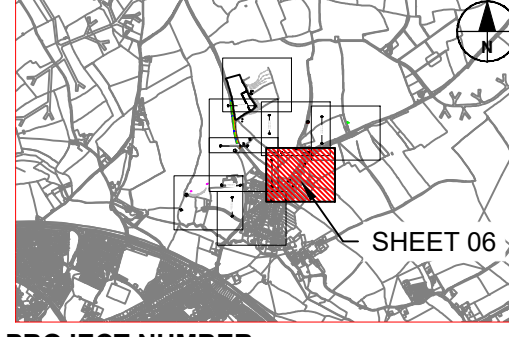
STATUS

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

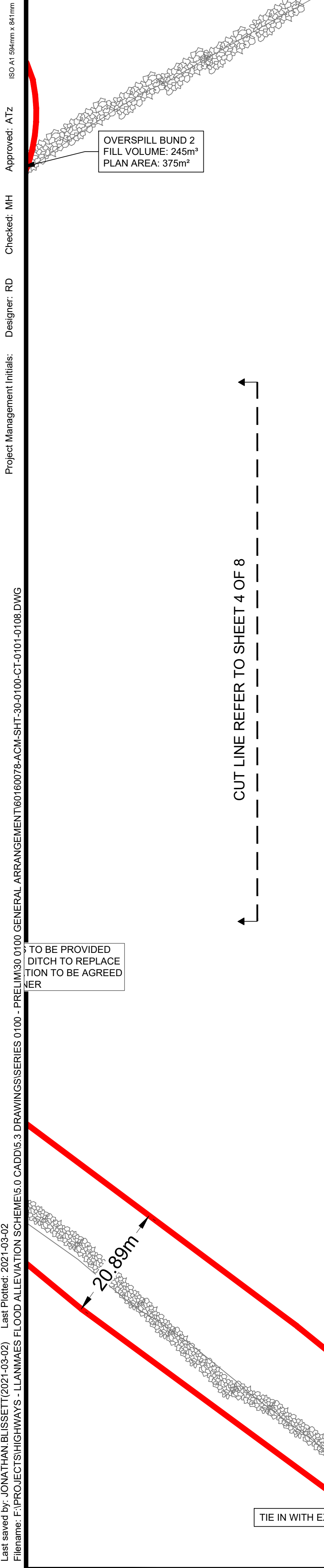
SHEET NUMBER

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

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Approved: A.Tz. Checked: MH. Designer: RD. Project Management Initials: [blank].
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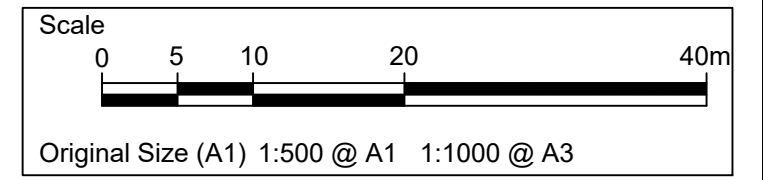
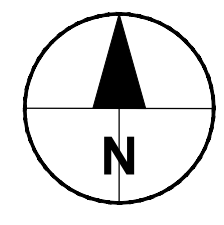


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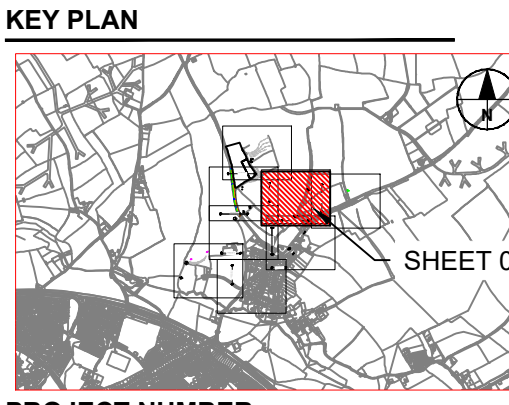


STATUS

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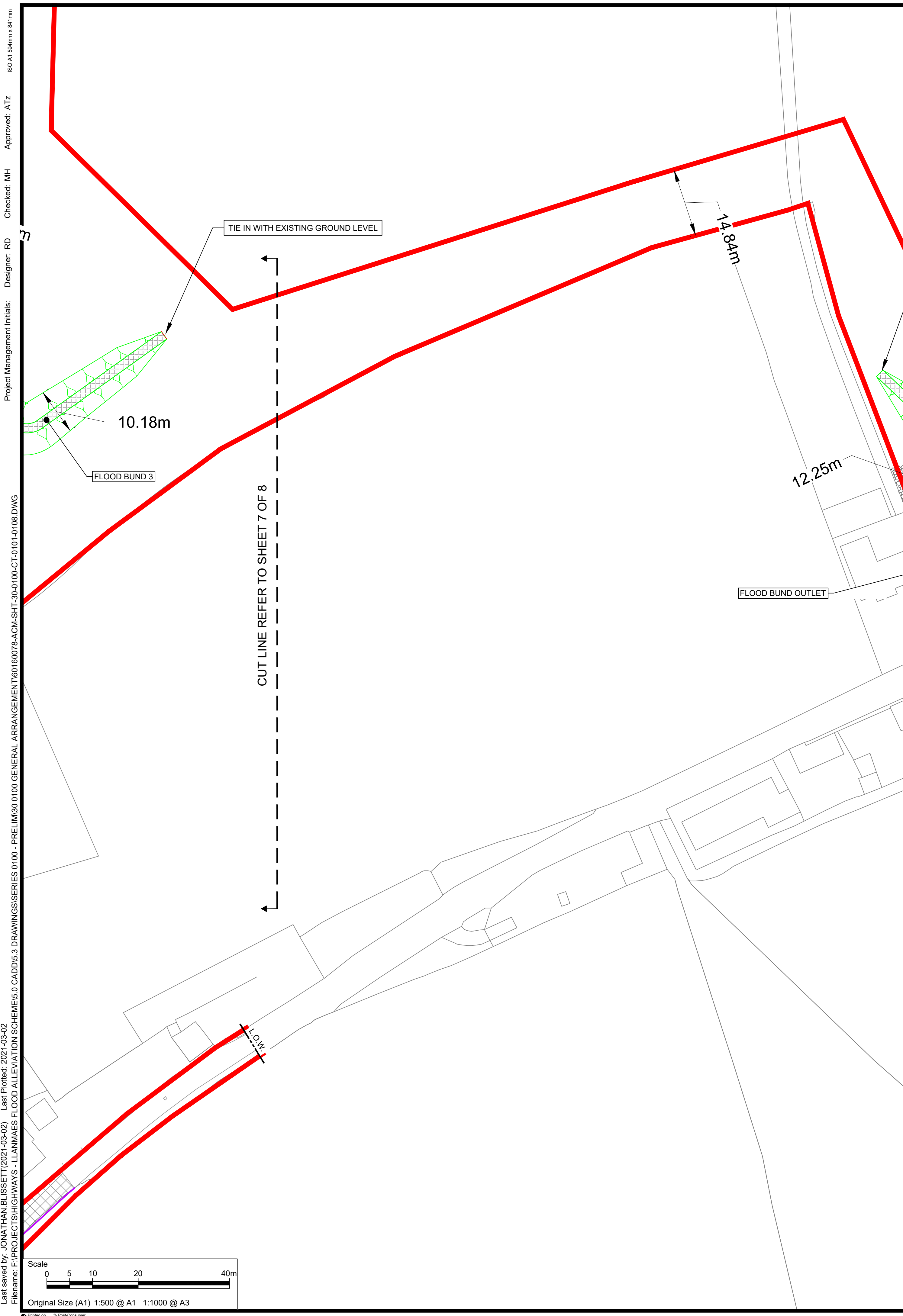
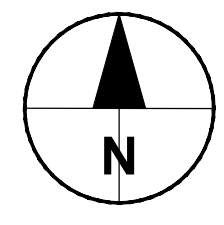


PROJECT NUMBER
60160078

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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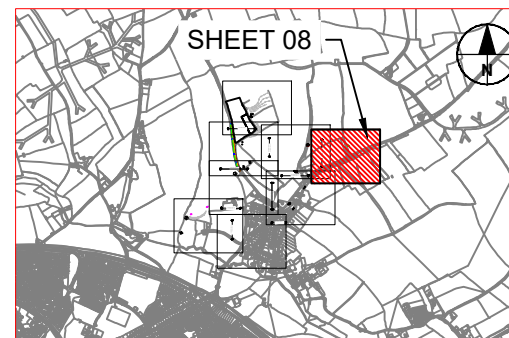
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KEY PLAN



PROJECT NUMBER

60160078

SHEET TITLE

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

SHEET NUMBER

60160078-ACM-SHT-30-0100-CT-0108

Project Management Initials: Designer: RD Checked: MH Approved: ATz
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