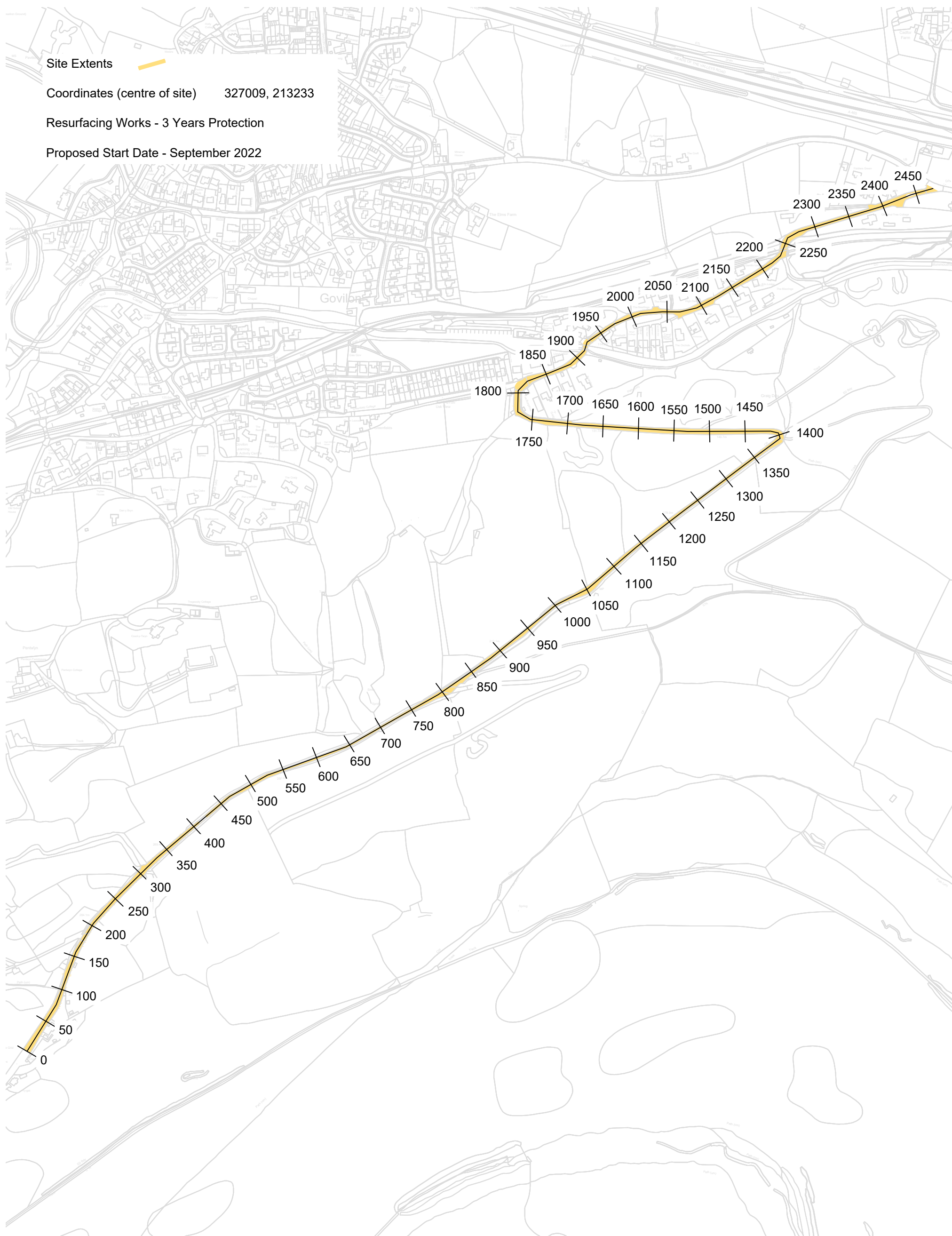


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327009, 213233

Resurfacing Works - 3 Years Protection

Proposed Start Date - September 2022



Rev No.	Date	Description	Drawn	Chkd
Drawn By R.Davies		Checked		
Scale 1:5000		Date 30-05-22		
Drawing No. M215-CON-04-01				Rev C



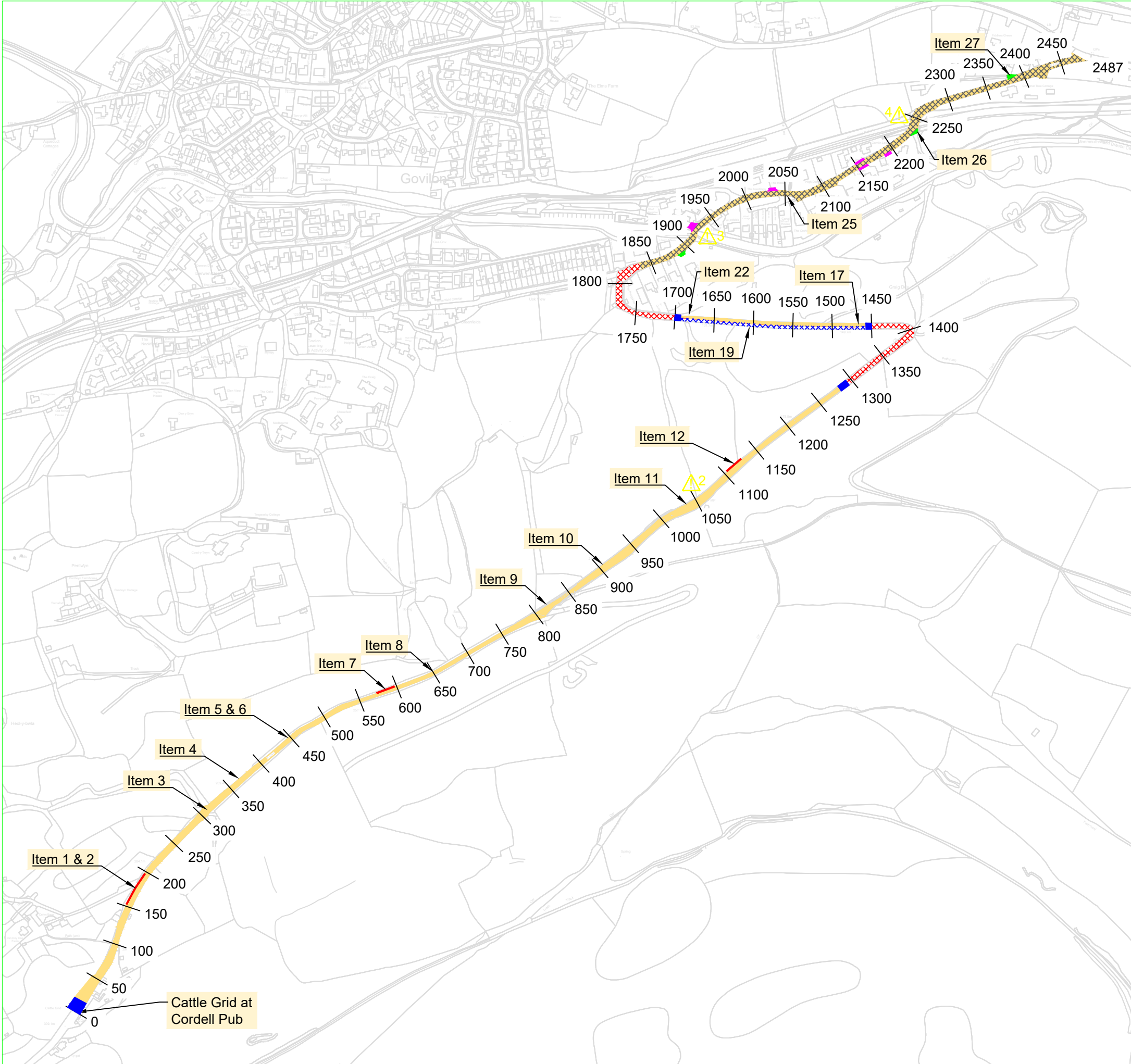
monmouthshire
COUNTY COUNCIL
air jenny

ROGER HOGGINS
HEAD OF OPERATIONS
PAUL KEEBLE
GROUP ENGINEER
HIGHWAY & FLOOD MANAGEMENT

Job Title	Highway Resurfacing 2022-2023 B4246
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Drawing Title
Site Extents Drawing

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- Plane 40mm & apply tack coat prior to the application of 40mm thick AC Close Graded 14mm aggregate. 5207m²
- Plane 40mm & apply tack coat prior to the application of 40mm thick Utililayer 14mm aggregate. 2548m²
- Road to be swept and cleaned to work supervisors approval. Apply tack coat prior to an overlay of 40mm thick AC close graded 14mm aggregate surface course. To include integral regulating. 11810m²
- Tie in detail 1
- Tie in detail 2
- Tie in detail 3
- Tie in detail 6

NOTES

- For site location details refer to drawing M215-CON-04-01
- For tie in & patching details refer to drawing M215-CON-04-03
- All iron work is required to be a maximum of 5mm below level of finished carriageway level, and lifting or lowering to be done in advance of laying of surface course.
- All tie in locations & extent of surfacing into junctions to be agreed with Engineer
- Tack coats to be applied to cold planed surfaces and existing surfaces.
- C40B4 Tack coat to be applied at rate of spread of 0.2kg/m². Surface preparation (920.6) shall be in accordance to BS 594987.
- Tack coat to be in accordance with BS EN 13808;2013.
- Joint Sealant to be cold applied Type N in accordance BS EN 144188-2.
- Street furniture, iron work shall be masked using self adhesive material before application of bond coat and removed on completion of works.
- Where binder course is to be trafficked for a period before the application of the surface course, gritstone shall be used.
- Existing & missing roads stud to be replaced with Halifax Road Studs
- All patching to be confirmed and agreed on site with Engineer.

Ironwork Schedule

Chainage (m)	Type and Size
79	450 x 450mm Gully LHC
175	450 x 450mm Gully LHC
1290	450 x 450mm Gully RHC
1292	450 x 450mm Gully LHC
1318	450 x 450mm Gully LHC
1350	450 x 450mm Gully LHC
1382	450 x 450mm Gully LHC
1413	450 x 450mm Gully LHC
1431	450 x 450mm Gully LHC
1606	450 x 450mm Gully LHC - REMOVE
1612	450 x 450mm Gully LHC - REMOVE
1699	600mm MH LH wheel track
1707	600 x 600mm Gully LHC
1721	450 x 450mm Gully LHC
1726	600 x 600mm Gully RHC
1732	450 x 450mm Gully LHC
1740	600 x 600mm Gully RHC + MH LHS
1751	600 x 600mm Gully RHC
1754	MH LHS
1768	600 x 600mm Gully RHC
1776	600 x 600mm Gully RHC
1784	MH Centre of carriageway
1804	MH centre of RH lane
1816	MH centre of carriageway - RENEW
1830	450 x 450mm Gully LHC
1834	Stop Valve LHS
1836	600 x 600mm Gully LHC + MH
1841	600 x 600mm Gully LHC
1852	450 x 450mm Gully LHC
1869	450 x 450mm Gully RHC

Ironwork Schedule Continued

Chainage (m)	Type and Size
1872	450 x 450mm Gully LHC
1883	MH LH lane
1892	450 x 450mm Gully LHC
1905	450 x 450mm Gully LHC
1914	450 x 450mm Gully LHC + Fire Hydrant
1921	600mm MH RHS
1962	Stop Valve RHS
1964	Fire Hydrant RHS
1995	MH LHS
2016	MH LHS - RENEW
2047	MH LHS
2052	450 x 450mm Gully RHC
2056	450 x 450mm Gully LHC
2068	Fire Hydrant RHS
2081	MH LHS
2104	MH LHS
2133	450 x 450mm Gully RHC
2136	450 x 450mm Gully LHC
2165	450 x 450mm Gully LHC
2173	2no. Stop valves LHS
2188	450 x 450mm Gully RHC
2192	450 x 450mm Gully LHC
2195	MH centre of carriageway
2215	450 x 450mm Gully LHC
2243	MH LHC
2248	2no. Stop valves LHS
2252	600 x 600mm gully RHC
2257	600 x 600mm gully LHC
2261	MH LH lane + RHC
2354	Offset Gully RHS

Ironwork Schedule Continued

Chainage (m)	Type and Size
2387	450 x 450mm Gully RHC
2394	2no. Stop valve RHS
2402	Stop Valve centre
2410	450 x 450mm gully LHC
2414	600 x 600mm gully RHC
2427	Stop Valve RHS
2435	450 x 450mm gully LHC
2441	450 x 450mm gully RHC
2467	450 x 450mm gully RHC + MH Centre
2487	SV x2 + MH LHS + gully RHC

Works Items

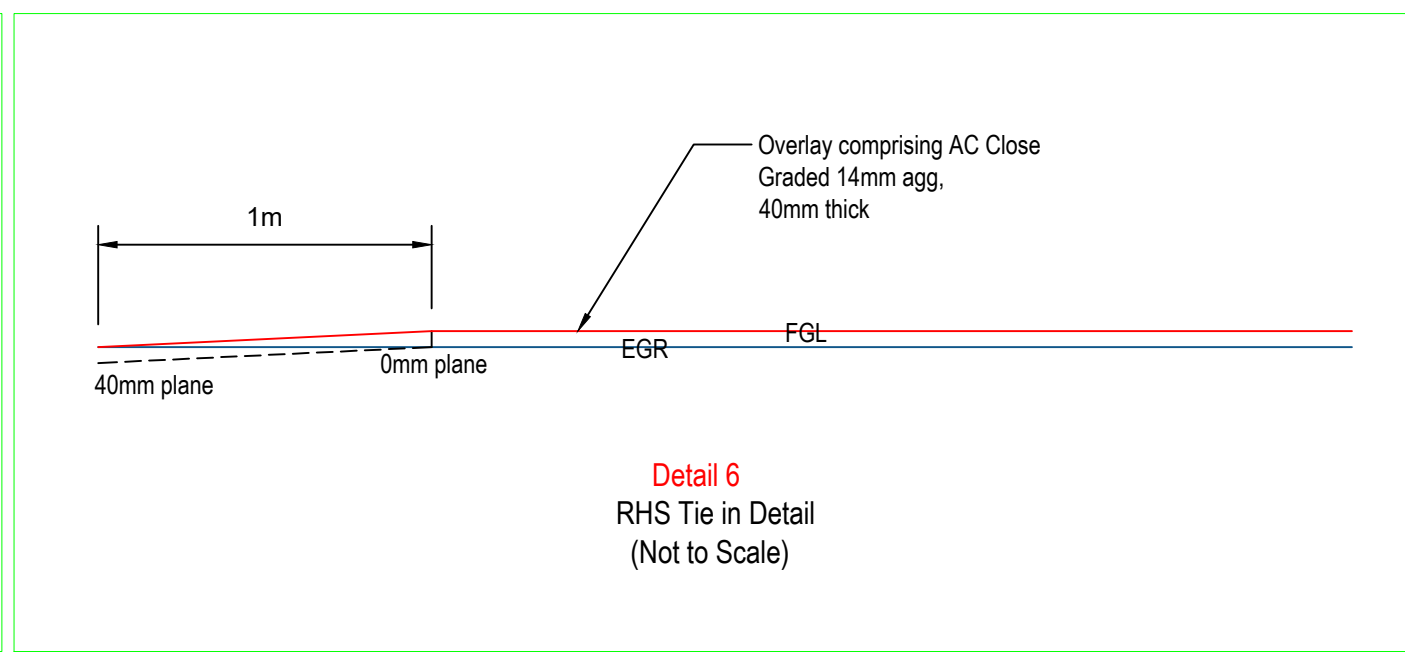
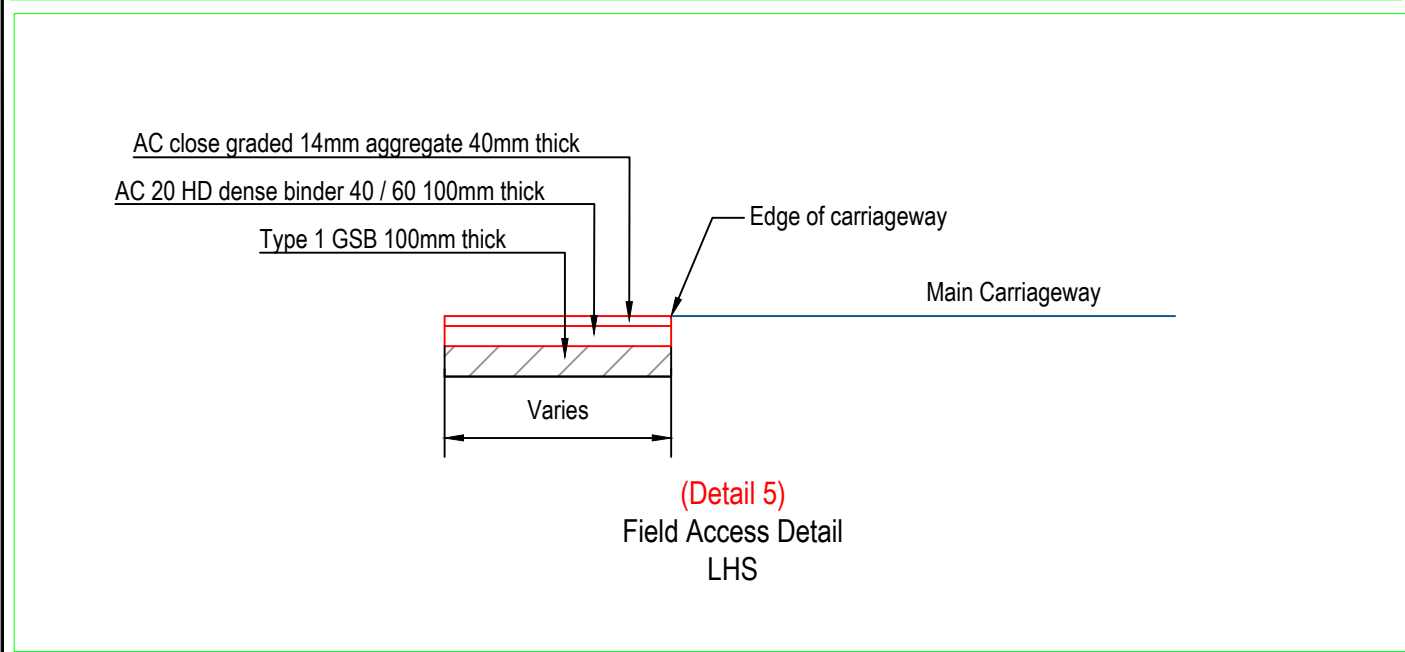
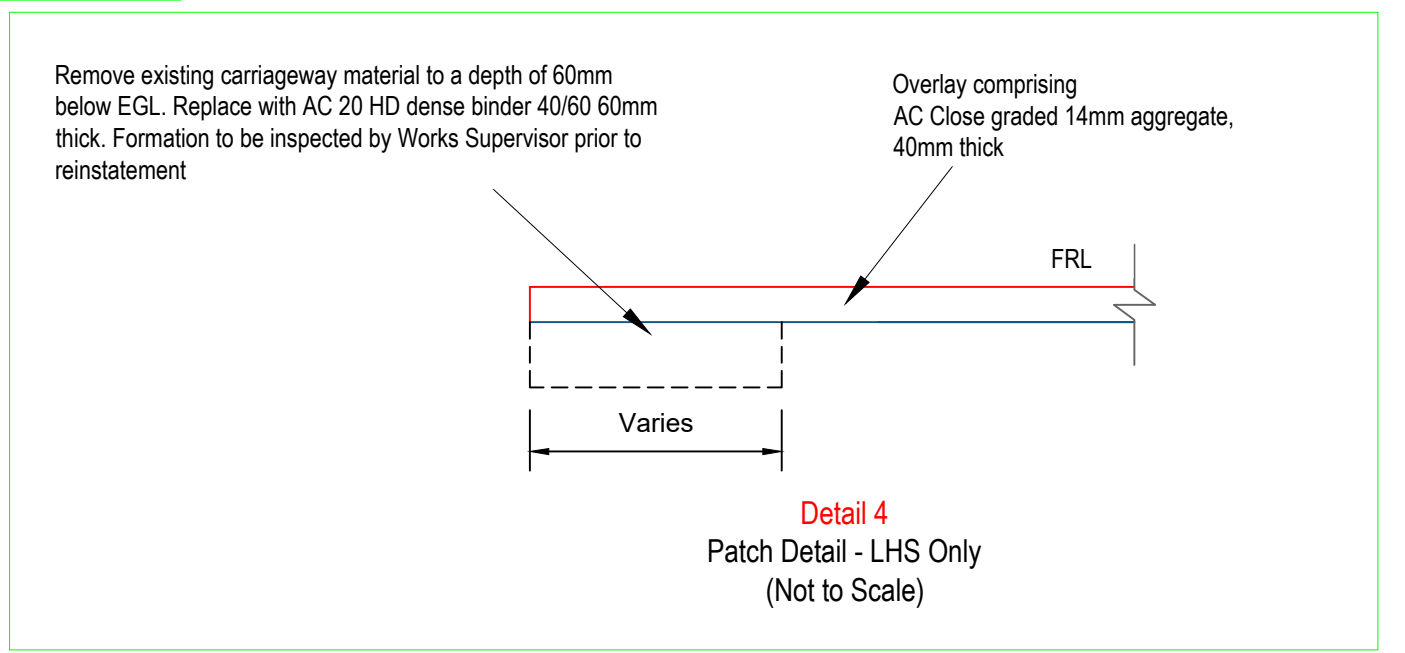
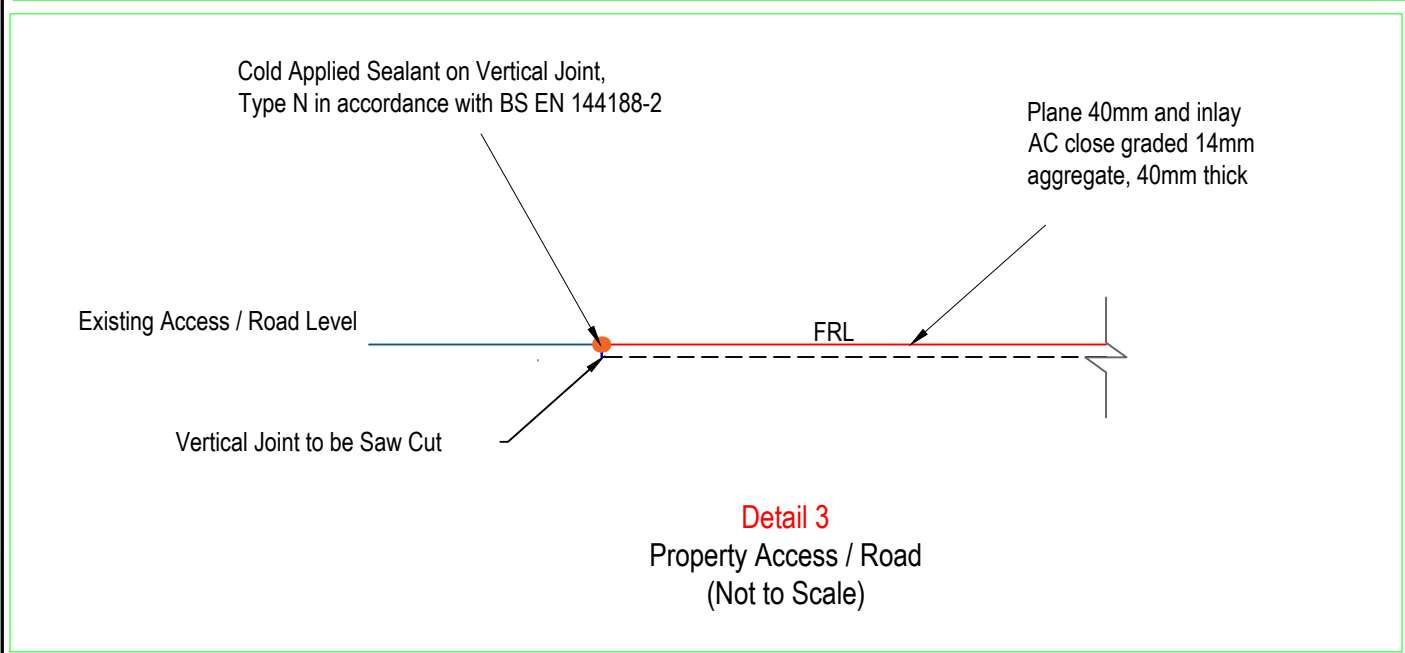
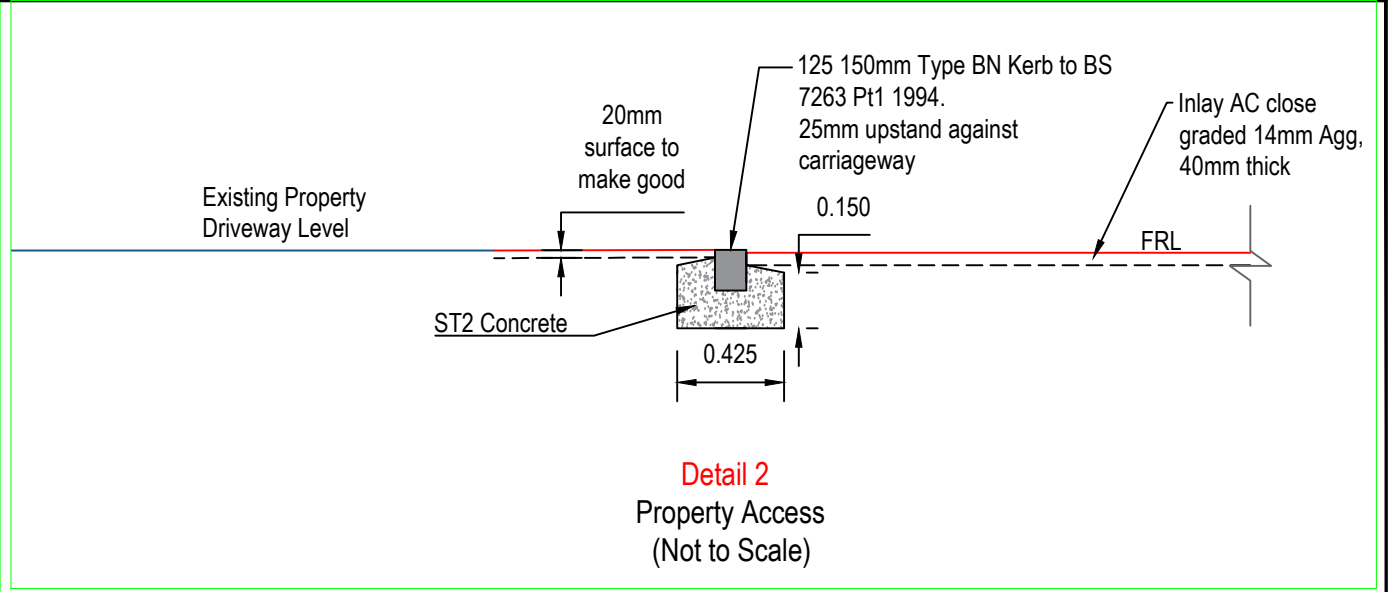
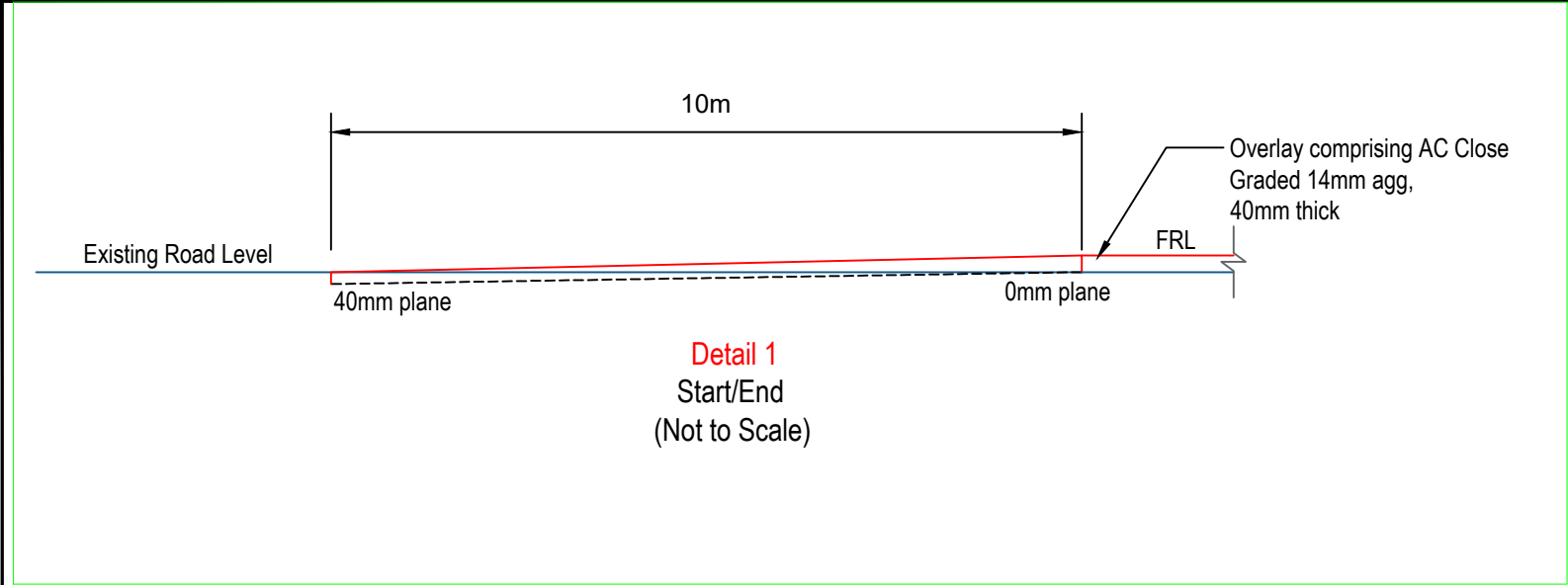
Item	Chainage	Information
1	156 - 194	LHS 38m x 1m patch - see detail 4
2	175 - 186	Renew BN kerbs approx +150mm from existing level to suit new carriageway level
3	282 - 320	Reprofile LH lane with regulating layer
4	355 - 387	Provide topsoil to raise verge area (150mmwide x 32m long x 100mm deep)
5	380 - 478	Reprofile LH lane with regulating layer
6	478 - 500	Reprofile LH lane with regulating layer
7	575 - 591	LHS 16m x 1.1m patch - See detail 4
8	630 - 667	Reprofile LH lane with regulating layer
9	823	Clean out exiting gout LHS
10	870 - 958	Reprofile LH lane with regulating layer
11	1044 - 1100	Reprofile LH lane with regulating layer
12	1109 -1128	LHS 19m x 2m patch - see detail 4
13	1331	Renew 4no. kerbs - see drawing M215-CON-04-04
14	1350	Renew 1no. kerb - see drawing M215-CON-04-04
15	1354	Renew 1no. kerb - see drawing M215-CON-04-04
16	1365 -1395	Renew kerbs - see drawing M215-CON-04-04
17	1450 - 1475	Reprofile RH lane with regulating layer
18	1450 - 1700	LHS Tie in. See detail 6
19	1612	Entrance detail - See detail 05
20	1623 - 1630	Repair existing concrete channel
21	1644 - 1657	Repair existing concrete channel
22	1660 - 1697	Extend SP kerbs and reprofile RH lane with regulating layer - See drawing M215-CON-04-04
23	1802	Tarmac mound to be maintained at property entrance
24	1900	BN Kerbs to property entrance - See detail 2
25	2040 - 2085	BN Kerbs to edge of carriageway - See detail 2
26	2230	BN Kerbs to property entrance - See detail 2
27	2380	BN Kerbs to property entrance - See detail 2

Health and Safety Information

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, please note the following:

- General Steepness of Site
- Turning areas for delivery wagons
- Canal Bridge
- Railway Bridge
- Statutory Undertakers Equipment
- Tree Canopy Height

Rev No.	Date	Description	Drawn	Chkd
 monmouthshire COUNTY COUNCIL sir fynyw MARK HAND HEAD OF HIGHWAYS AND FLOODING PAUL KEEBLE GROUP ENGINEER HIGHWAY & FLOOD MANAGEMENT			Job Title B4246 Blaenavon Road	
			Drawing Title Design Drawing	
			Drawn By R.Davies	Checked
			Scale 1:5000 @A2	Date May 2022
			Drawing No. M215/CON/04/02	
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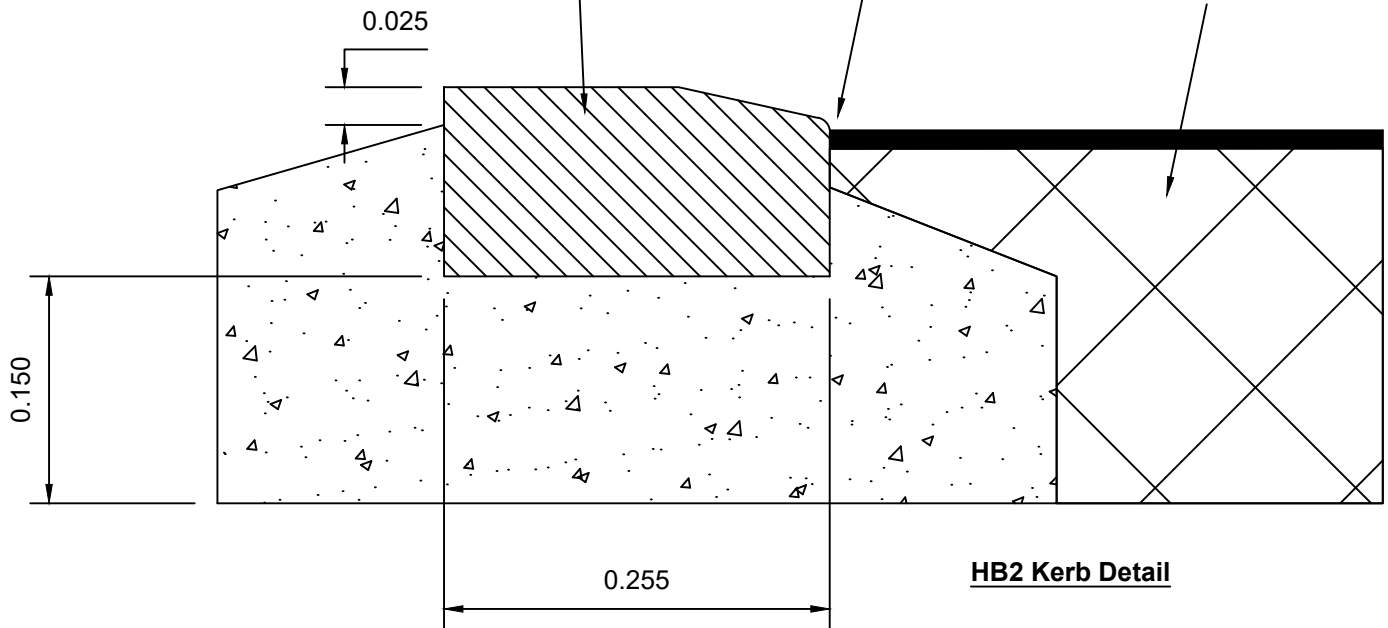


 ROGER HOGGINS HEAD OF OPERATIONS PAUL KEEBLE GROUP ENGINEER HIGHWAY & FLOOD MANAGEMENT		 Job Title M215 Highway Resurfacing 21-22 B4246 - Blaenavon Road	Drawing Title Tie in and Patching details	Drawn By RD Scale 1:30	Rev No. Date June 2022	Description Checked	Drawing No. M215-CON-04-03 Rev	Drawn Chkd
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125 x 255mm hydraulically pressed half battered kerb to BS 7263 Pt1 1994

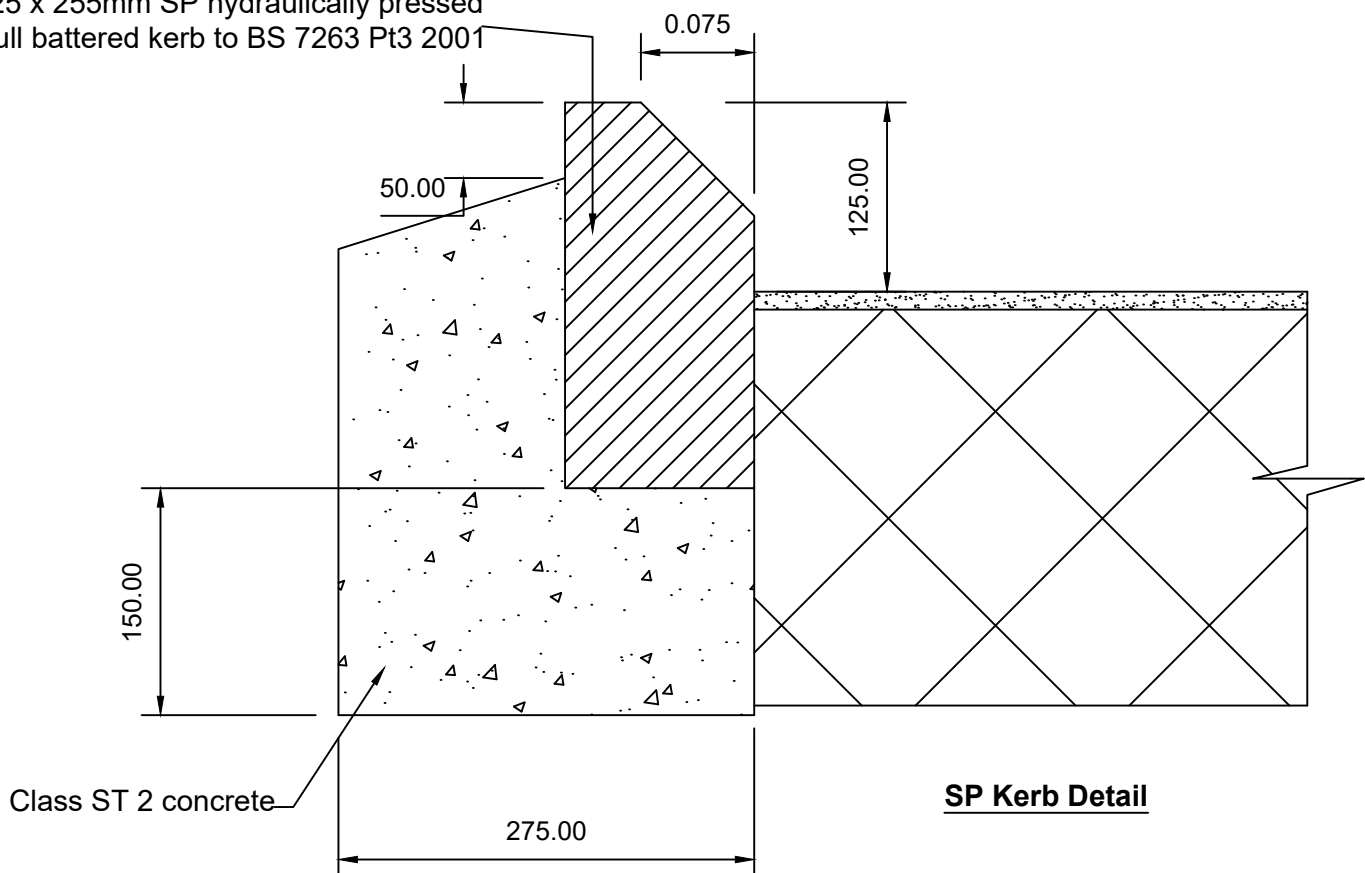
25mm Upstand

Road construction/
surfacing



HB2 Kerb Detail

125 x 255mm SP hydraulically pressed full battered kerb to BS 7263 Pt3 2001



SP Kerb Detail



monmouthshire
COUNTY COUNCIL
am ynni

Job Title
M215 B4246 Blaenavon Road

Drawn By

Checked

Scale
1:5

Date
Jun 2022



Drawing Title
KERB DETAILS

Drawing No.
M215-CON-04-04

Rev

DAVID HARRIS - BSc CEng MCIWEM MInstWM
HEAD OF HIGHWAYS & WASTE MANAGEMENT

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LINING SCHEDULE
Heading downwards from Cordell Pub

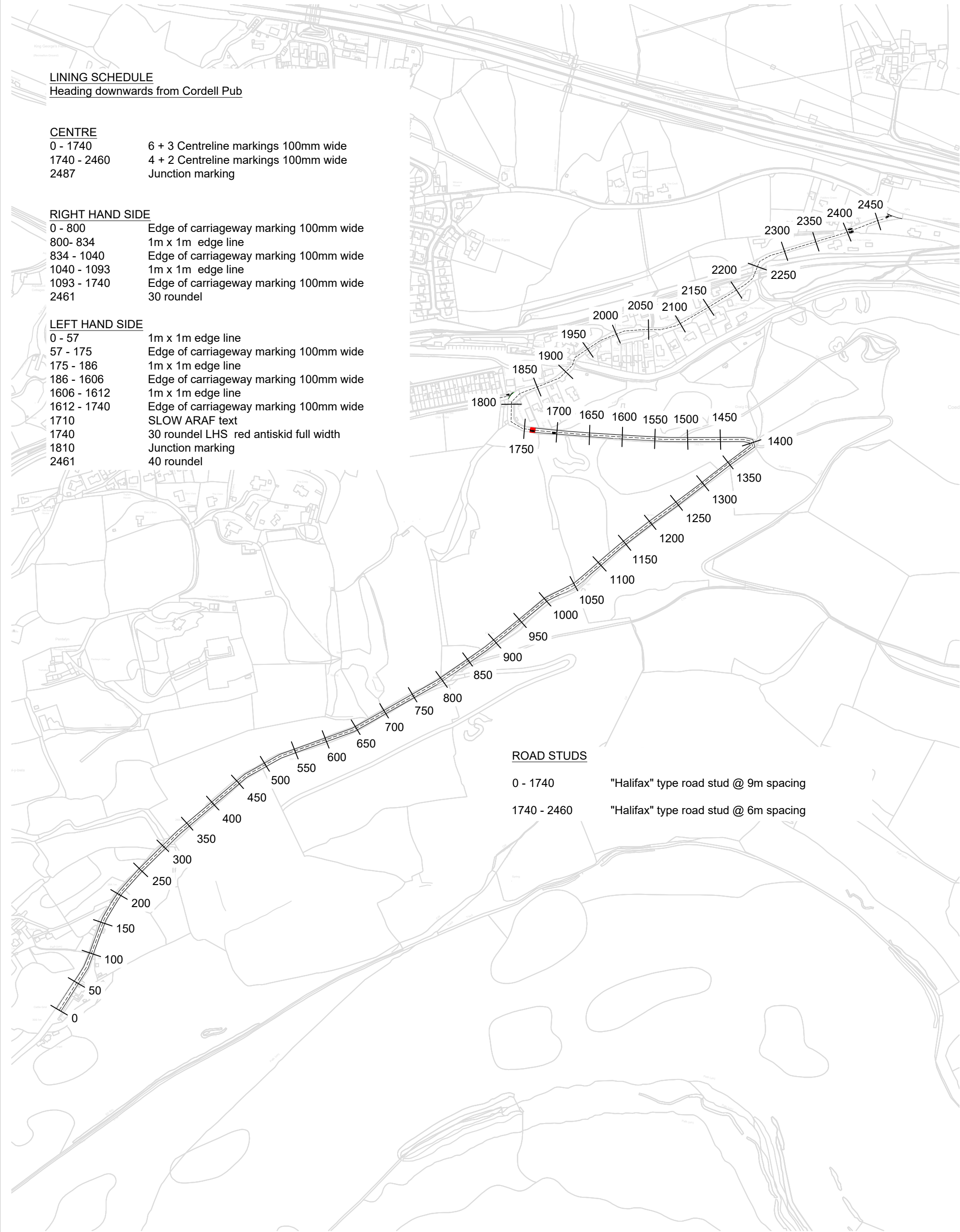
CENTRE
0 - 1740 6 + 3 Centreline markings 100mm wide
1740 - 2460 4 + 2 Centreline markings 100mm wide
2487 Junction marking

RIGHT HAND SIDE
0 - 800 Edge of carriageway marking 100mm wide
800- 834 1m x 1m edge line
834 - 1040 Edge of carriageway marking 100mm wide
1040 - 1093 1m x 1m edge line
1093 - 1740 Edge of carriageway marking 100mm wide
2461 30 roundel

LEFT HAND SIDE
0 - 57 1m x 1m edge line
57 - 175 Edge of carriageway marking 100mm wide
175 - 186 1m x 1m edge line
186 - 1606 Edge of carriageway marking 100mm wide
1606 - 1612 1m x 1m edge line
1612 - 1740 Edge of carriageway marking 100mm wide
1710 SLOW ARAF text
1740 30 roundel LHS red antiskid full width
1810 Junction marking
2461 40 roundel

ROAD STUDS

0 - 1740 "Halifax" type road stud @ 9m spacing
1740 - 2460 "Halifax" type road stud @ 6m spacing

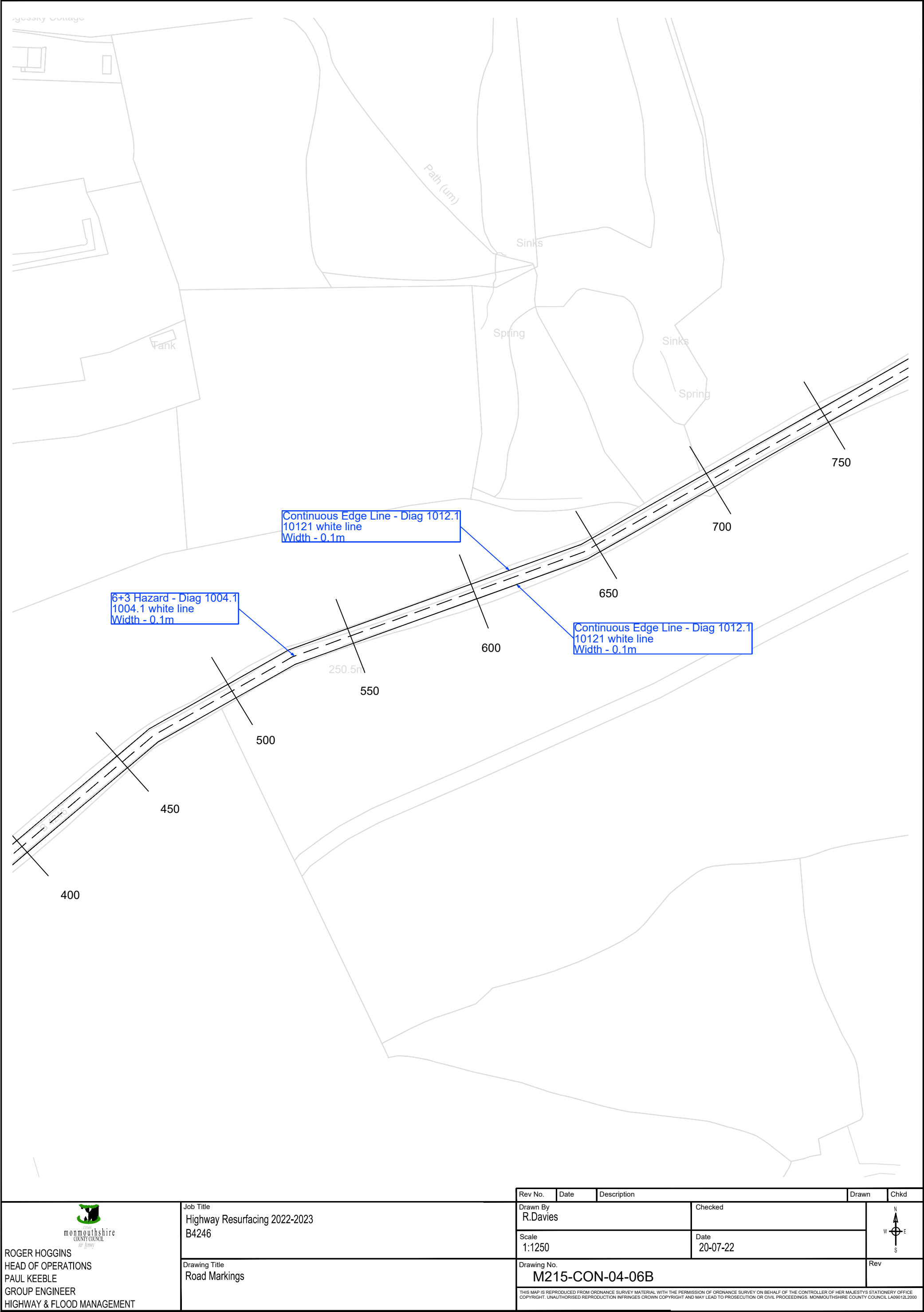



monmouthshire
COUNTY COUNCIL
siŷ fyddi
ROGER HOGGINS
HEAD OF OPERATIONS
PAUL KEEBLE
GROUP ENGINEER
HIGHWAY & FLOOD MANAGEMENT

Job Title
Highway Resurfacing 2022-2023
B4246

Drawing Title
Road Markings

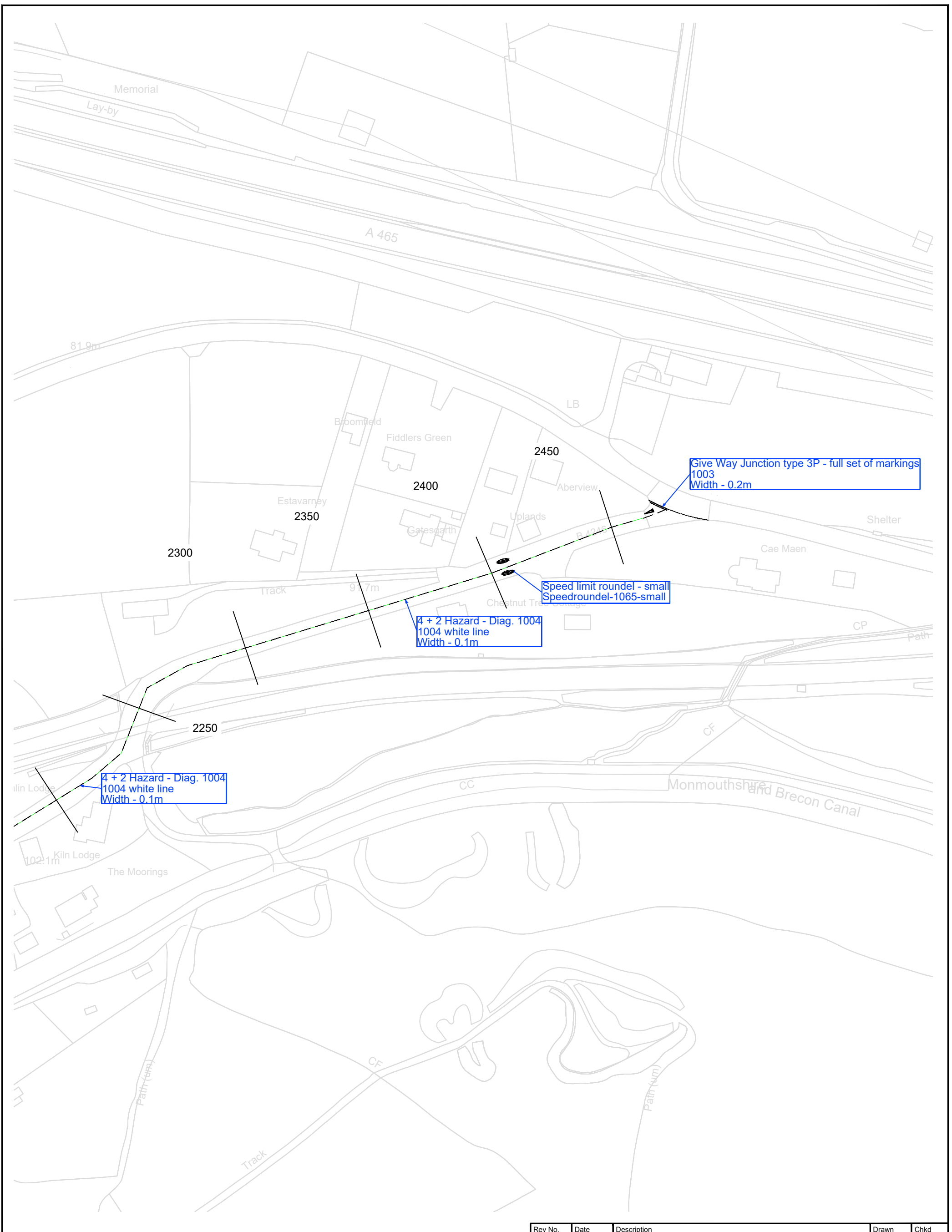
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Drawing No. M215-CON-04-06				Rev A
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Scale 1:1250		Date 20-07-22	
Drawing No. M215-CON-04-06C			Rev
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Scale 1:1250		Date 20-07-22		
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Rev No.	Date	Description	Drawn	Chkd
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Scale 1:1250		Date 20-07-22		
Drawing No. M215-CON-04-06F				Rev
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