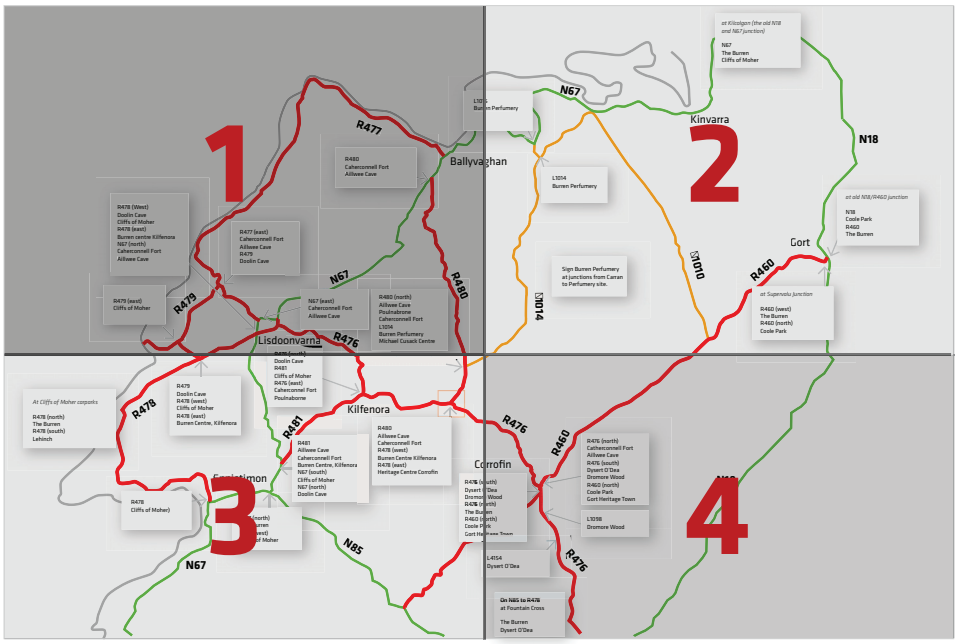
PART 2 Signage Manual

1.0 Detailed Junction Signage Scheme for Principal Visitor Sites (including a demonstration scheme for Leamaneh junction)

Detailed junction signage scheme for principal visitor sites

Maps 1 to 7, which follow, set out a main road junction signage scheme for Burren visitor sites that is in accordance with the principles and guidance of this Plan. By way of example a detailed signage layout for Leamaneh junction is then illustrated. Maps 1 to 4 illustrate the overall junction scheme. Maps 5 to 7 are schematic maps showing the three of the villages in more detail. In the case of Doolin, signage for attraction sites is combined with signage for motorists showing parking and information points within the village.



Summary of the overall scheme

1. The scheme employs the same signage approach for large visitor sites that is employed for towns and villages. This consists of a sequence of signs comprising advance direction sign, direction sign and confirmatory sign. Examples of these different types of sign are given in Section 3.0 following. However, signage for visitor sites is subsidiary to the general directional signage and the corresponding signage for visitor sites will not be provided in all situations. This particularly applies to visitor sites in or beside villages where it is reasonable to assume that the visitor can navigate to the attraction site using the signs to the village or town.
2. All existing signage for visitor sites will be removed. Much of the existing signage has an advertising purpose which is unacceptable in the Burren landscape.
3. From Kilcolgan on the N18 in the north, Fountain Cross on the N85 to the south-east and south of Lehinch on the N67, directional signs and confirmatory signs will sign the Burren , not individual sites within the Burren.
4. From Kinvarra in the north, Gort in the East and Doolin, Lisdoonvarna, Kilfenora and Corrofin in the south (the edges of the Burren), the large visitor sites will be signed (confirmatory signs, advance directional signs and directional signs) to facilitate at least one access route to the attraction site.

5. The scheme provides for a signed route between the N67 and Aillwee Cave, The Burren Perfumery, Caherconnell Fort, The Burren Centre Kilfenora and Doolin Cave.
6. The signage scheme primarily signs traffic along the national and regional road systems. The Burren Perfumery is the only large visitor site that is signed via local county roads.
7. No signs are provided for Poulnabrone from the national road system, given the limited visitor facilities at the site.
8. Signage will be provided within the Burren to large sites on the edge or outside the Burren i.e. the Cliffs of Moher and Coole Park.
9. At any junction, in the interests of road safety, a maximum of four places will be signed in any one direction e.g. at Leamaneh junction, heading north, the four places will be Ballyvaghan, Carran, Aillwee Cave and Caherconnell Fort. Normally, not more than three places will be signed.
10. The scheme provides for supplementary confirmatory signs (SCS) on the Burren side of the gateway villages. These signs (see example in Section 3) will list visitor attractions not listed on the standard confirmatory sign, because they are on another route.

The Leamaneh Junction layout

Leamaneh is not a typical Burren junction. The only other junction in the Burren which presents a comparable level of difficulty for signing visitor sites is the Newtown junction on the N67 at the northern end of the R 480, outside Ballyvaghan. Leamaneh shows that the practical application of key principles of the Plan, set out in Part 1, may involve difficult choices. The principles in question are:-

i. The Burren is a destination of international renown that requires an effective and attractive signage plan for visitors,
ii. The design and siting of signs must not compromise road safety considerations.
iii. Reliance for navigation should be placed on the standard directional signage to towns and villages,
iv. The design, location and maintenance of signs should respect the exceptional quality of the Burren landscape,
v. Signs are only one means of conveying information
vi. Signs have an important role especially directional signage near the end of a journey and to otherwise difficult to find places, and

The signage layout illustrated involved the following reasoning and decisions:-

1. Applying the 'four places in one direction' rule, which relates to traffic safety considerations, it is only possible to sign two visitor sites north of Leamaneh. These are Aillwee Cave and Caherconnell Fort. The Burren Perfumery site meets the criteria for signing but there is not the space to sign the site from this junction.
2. Poulnabrone does not meet the criteria for signing as a large visitor site (inadequate site facilities) but it would have been desirable to sign the site from the junction given the proximity of the site. However the 'four places in one direction' rule means there is no space for Poulnabrone signs at the junction (but note that the scheme does incorporate a confirmatory sign on the R480 that includes both Poulnabrone and the Burren Perfumery).
3. The Leamaneh junction bisects the site of Leamaneh Castle, which is a national monument. Both the R476 and the R480, which make up the junction, are

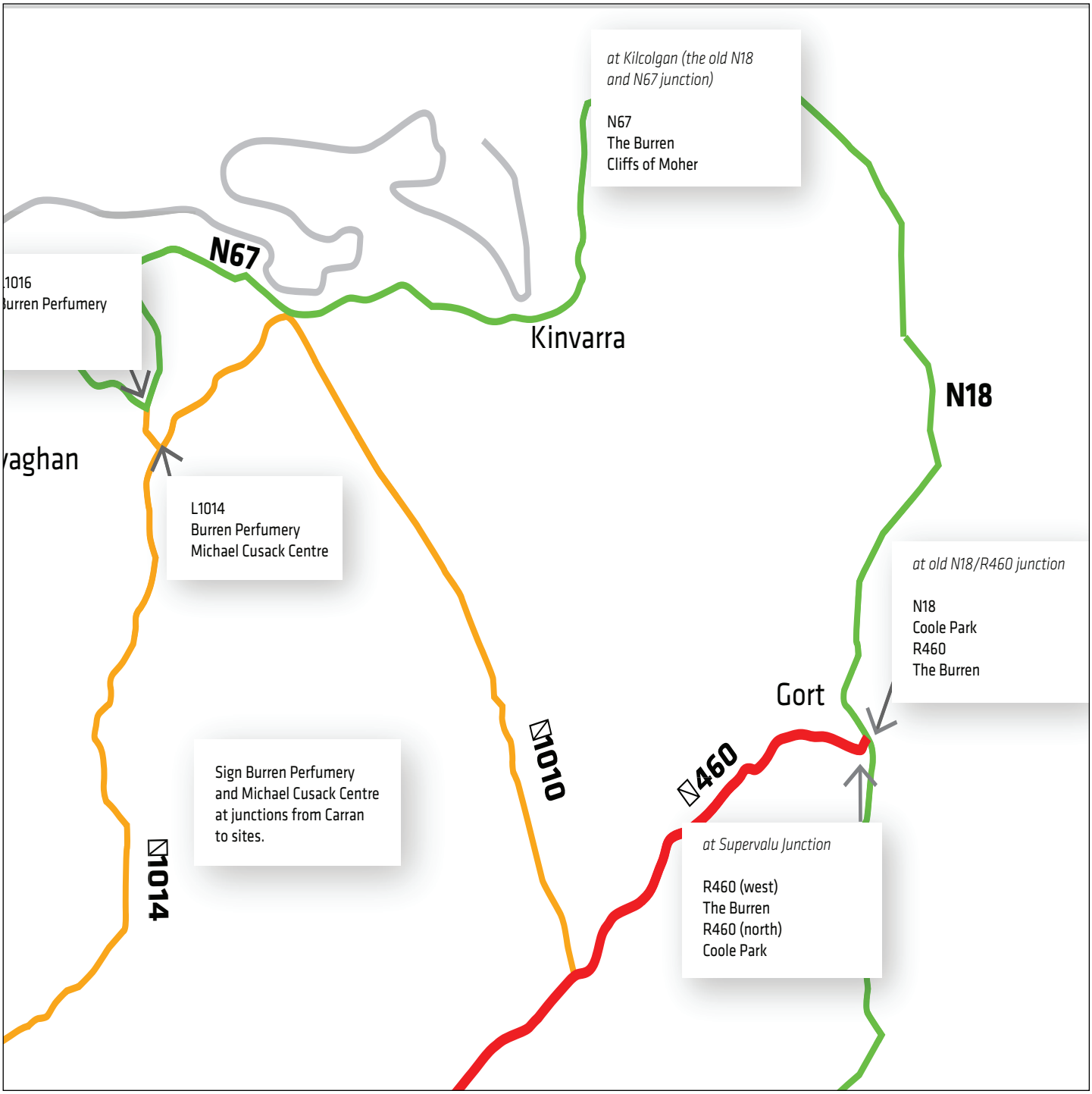
designated scenic routes in the county development plan. Therefore, it is important that signage does not dominate the landscape at this location. With this in mind the visitor signage scheme does not have an advance directional sign (ADS) on the R480 for the Burren Centre Kilfenora and the Corrofin Heritage Centre because this ADS would interfere with the landscape in the vicinity of the castle and it is considered that the ADS for Kilfenora and Corrofin villages is sufficient. Because of the large number of visitors to the sites in question, it is considered necessary to have a confirmatory sign on the R480 for Aillwee Cave, Burren Perfumery, Poulnabrone and Caherconnell Fort. This sign will have a significant landscape impact but the scheme places the sign some distance from the junction, out of view of the castle.

4. While effective signing at this junction requires several new signs, the proposed scheme will result in a significant reduction in signage taking into account the fact that the scheme involves removing the existing large visitor site signboards at the junction, which are as much advertising signs as directional signs

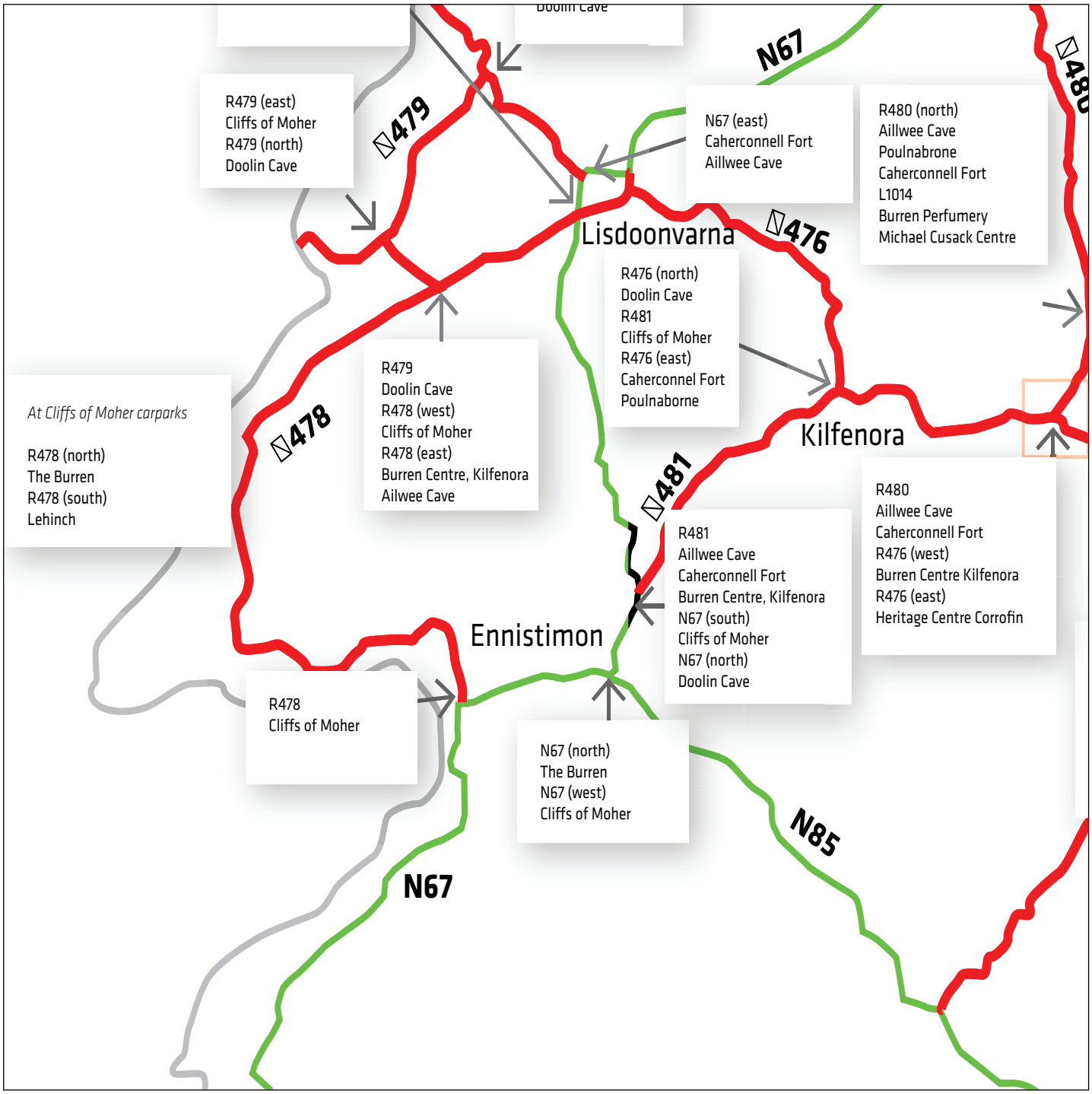
(It should be noted that the 'Before' junction image in this document shows the 2007 situation. The 'After' image shows the situation when the visitor signage scheme is implemented but does not take account of new general directional signage for the junction, shown on the junction diagram, which is due to be erected in 2008. As the precise siting of these new signs has not been determined it is not realistic to include them in the graphic).

MAP 1. Directional Visitor Signage at Junctions

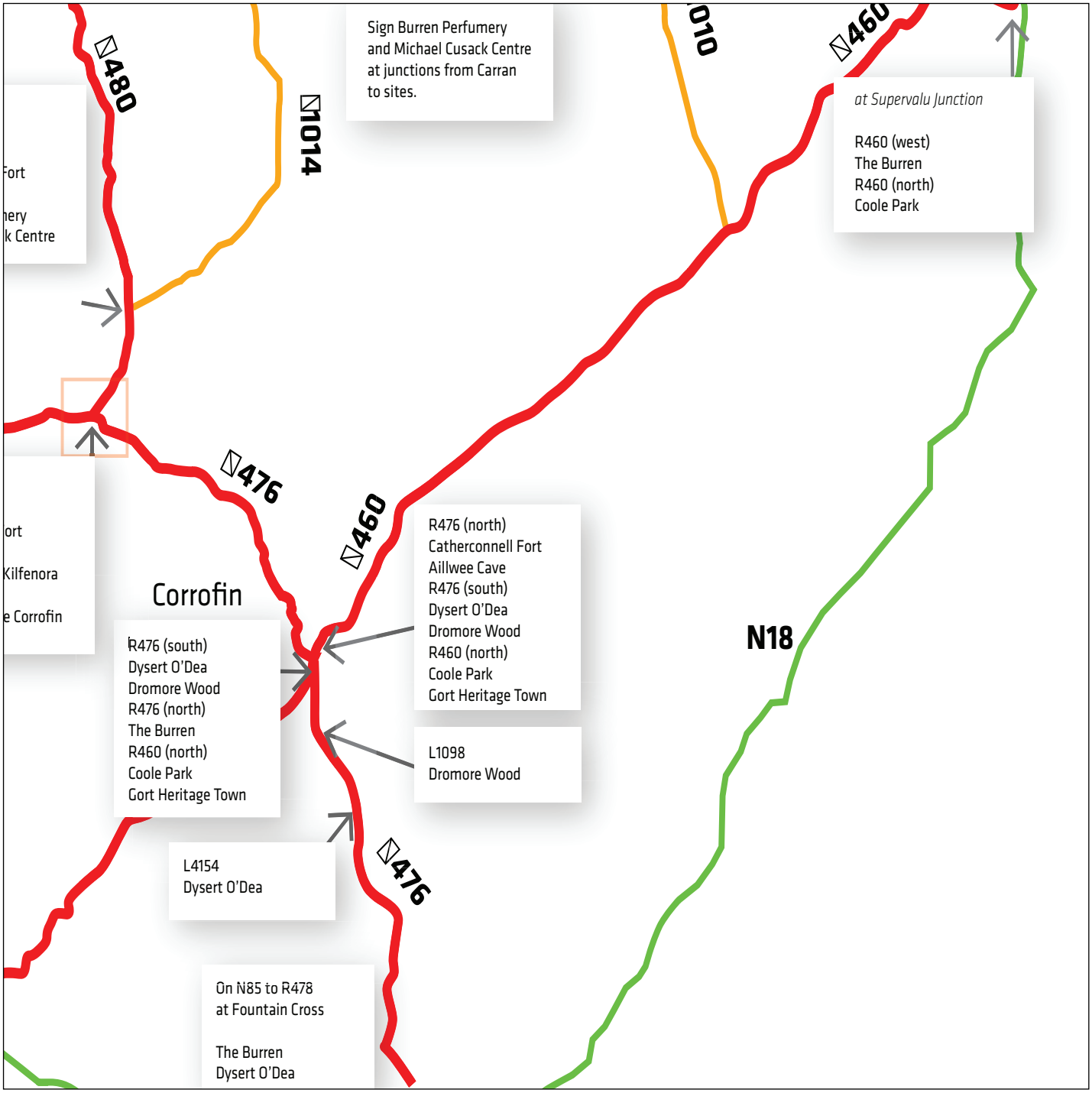
Map 2. Directional Visitor Signage at Junctions



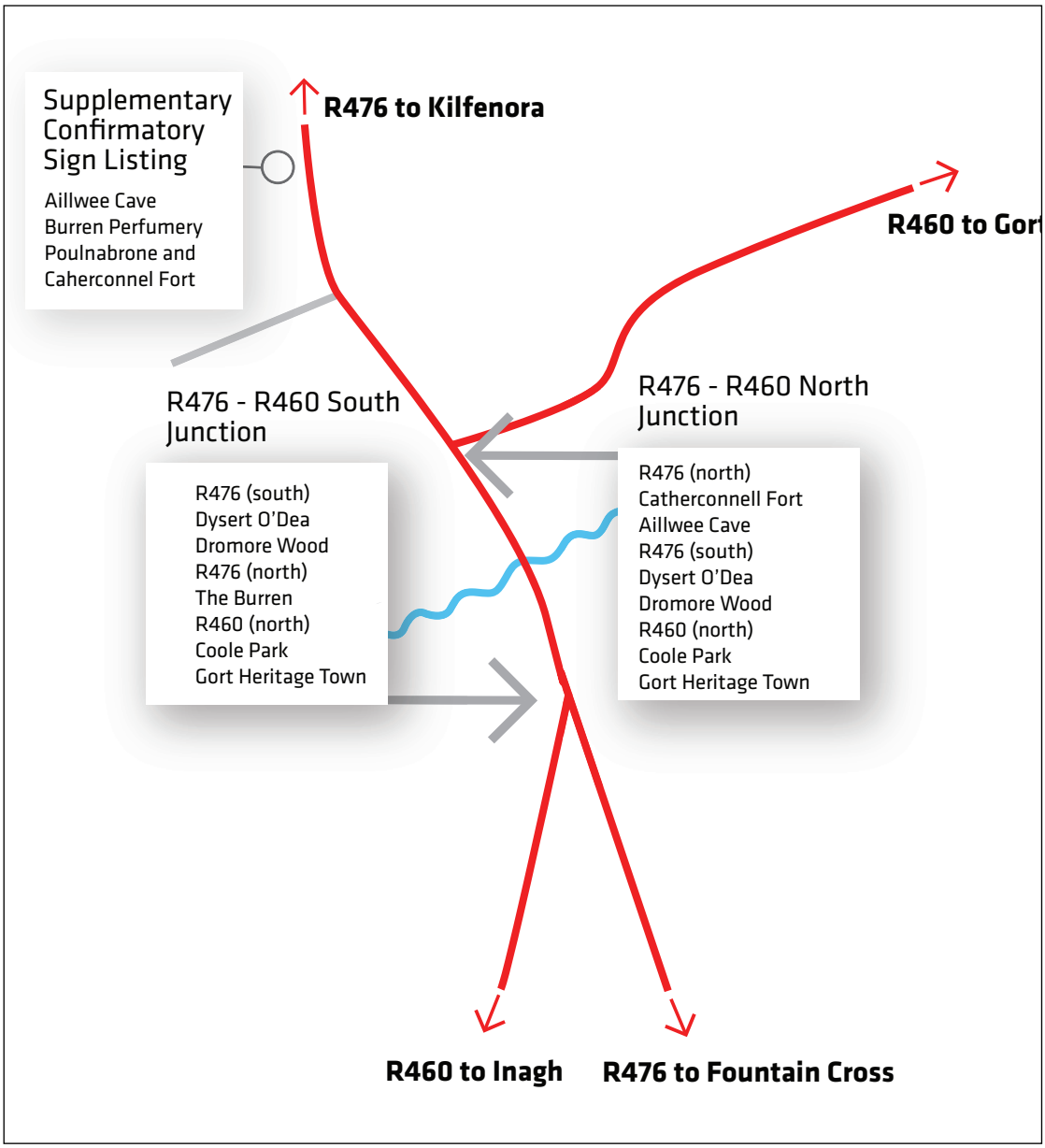
MAP 3. Directional Visitor Signage at Junctions



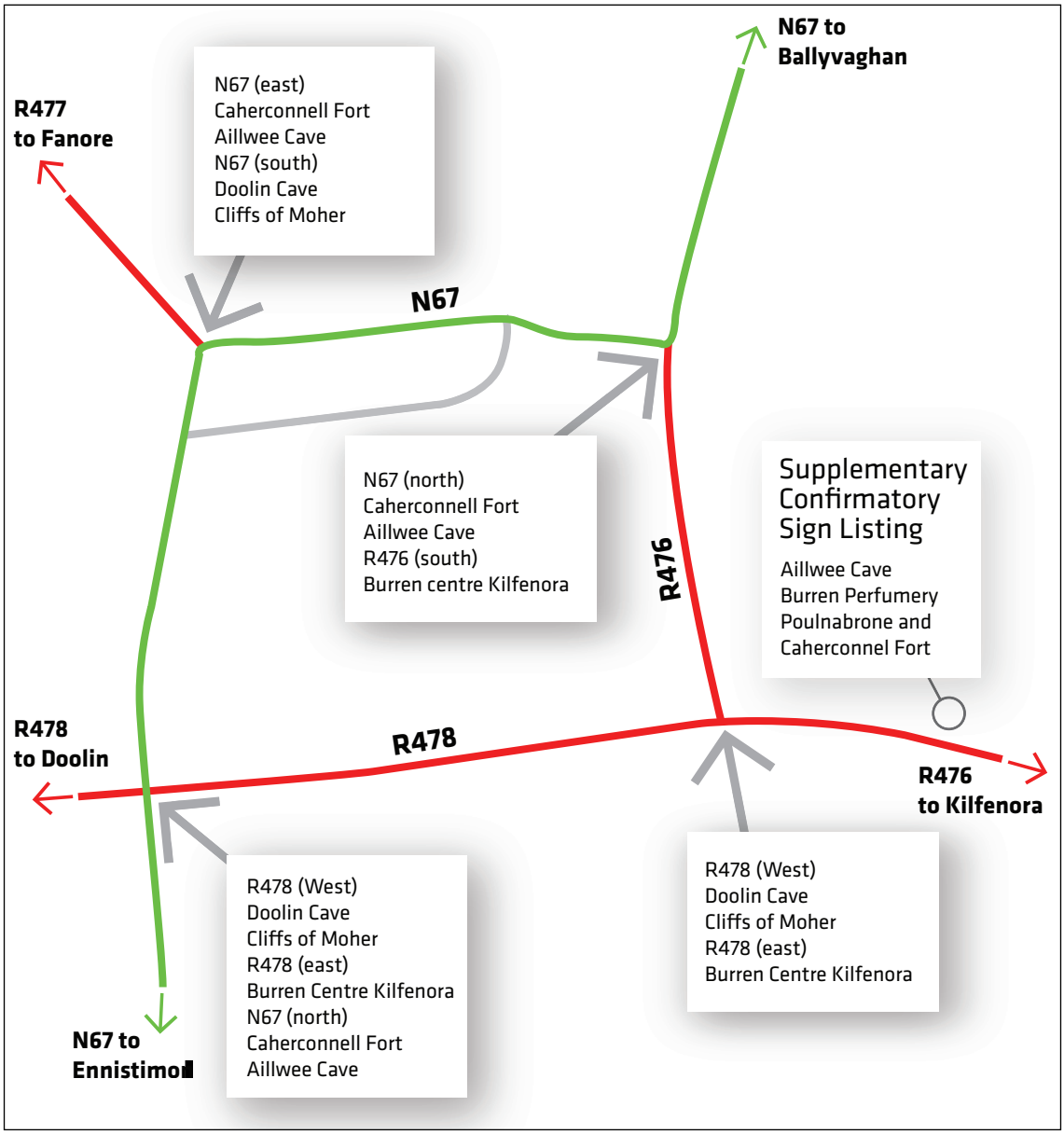
MAP 4. Directional Visitor Signage at Junctions



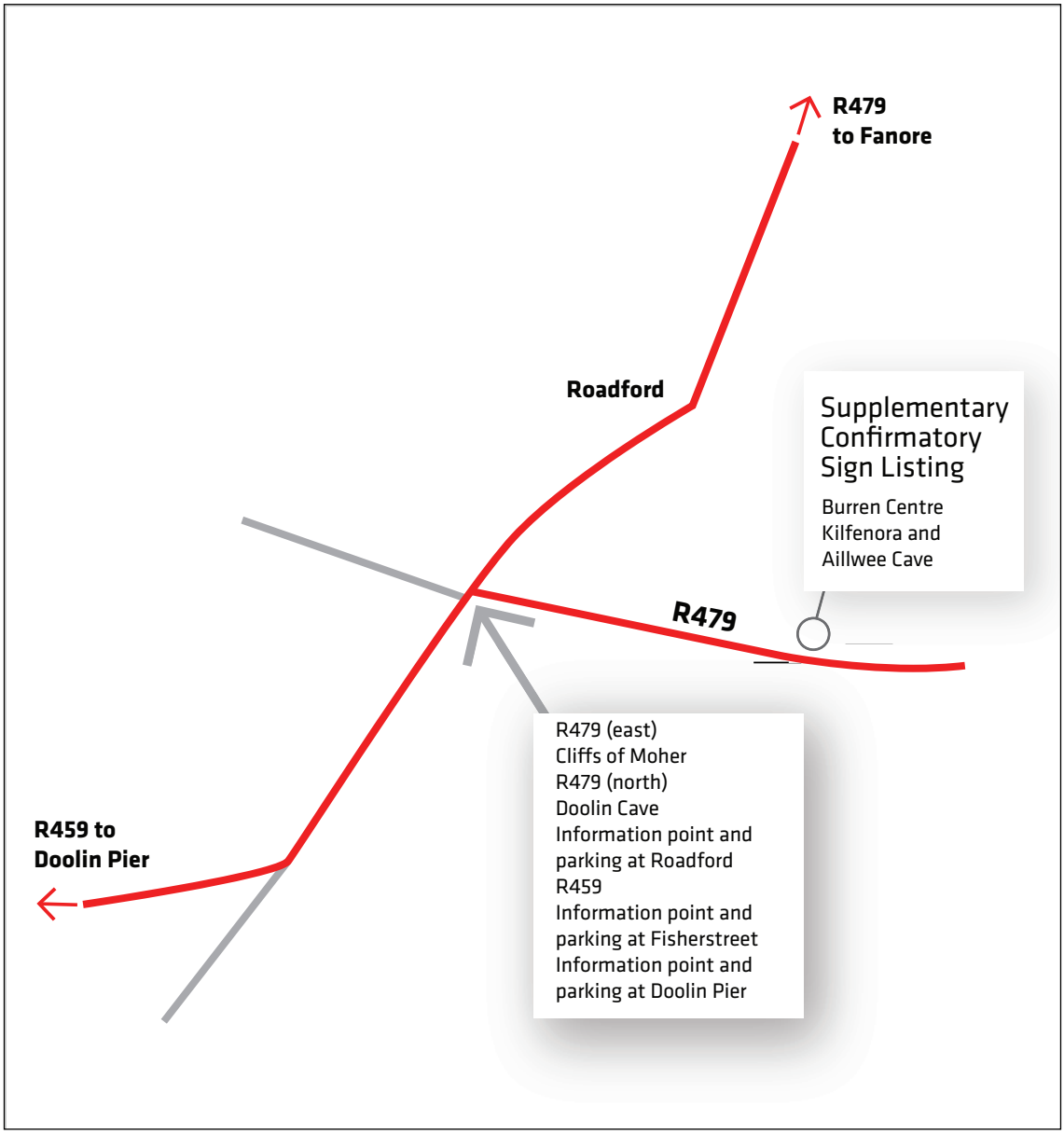
MAP 5 Corrofin detail

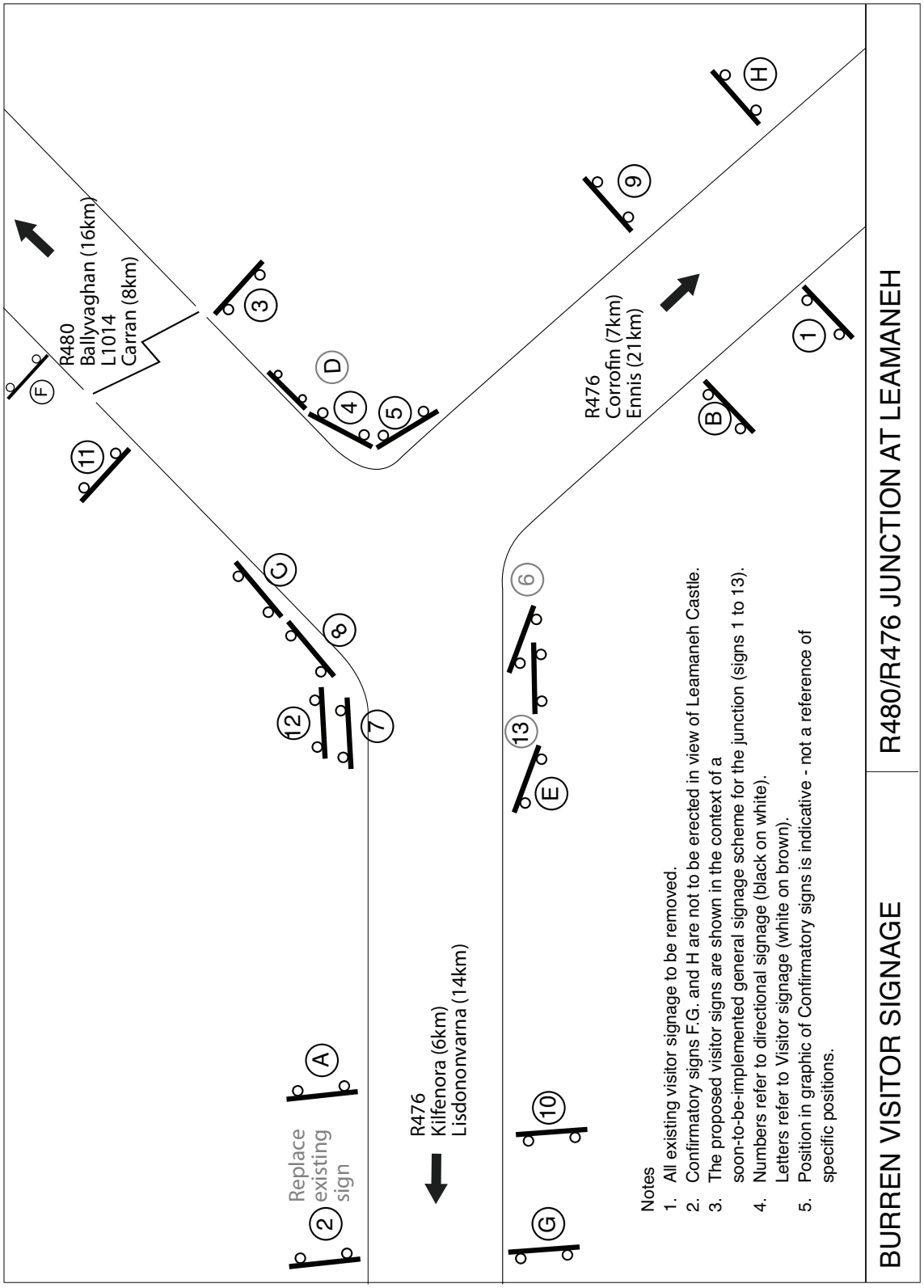


MAP 6 Lisdoonvarna detail



MAP 7 Doolin detail




R480
Ballyvaghan (16km)
L1014
Carran (8km)
R476
Corrofin (7km)
Ennis (21km)
R476
Kilfenora (6km)
Lisdonvarna (14km)
Replace existing sign
A
B
C
D
E
F
G
H
1
2
3
4
5
6
7
8
9
10
11
12
13
Notes
1. All existing visitor signage to be removed.
2. Confirmatory signs F.G. and H are not to be erected in view of Leamaneh Castle.
3. The proposed visitor signs are shown in the context of a soon-to-be-implemented general signage scheme for the junction (signs 1 to 13).
4. Numbers refer to directional signage (black on white). Letters refer to Visitor signage (white on brown).
5. Position in graphic of Confirmatory signs is indicative - not a reference of specific positions.
BURREN VISITOR SIGNAGE
R480/R476 JUNCTION AT LEAMANEH

'x' - height 70mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1855mm
Sign border	WHITE	Height 995mm
MaterialClass 2		Area 1.84sq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

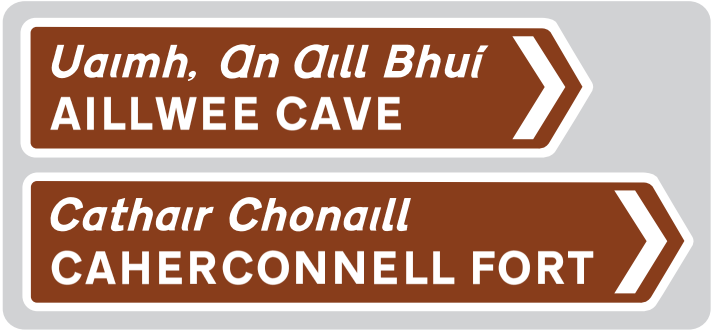
Notes
1. "R480" Numerical Height @ 6s/w

BURREN VISITOR SIGNAGE	R476/R480 JUNCTION AT LEAMANEH	Sign Reference No: A

'x' - height 70mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1850mm
Sign border	WHITE	Height 995mm
Material Class 2		Area 1.84sq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

Notes
1. "R480" Numerical Height @ 6s/w

BURREN VISITOR SIGNAGE	R476/R480 JUNCTION AT LEAMANEH	Sign Reference No: B

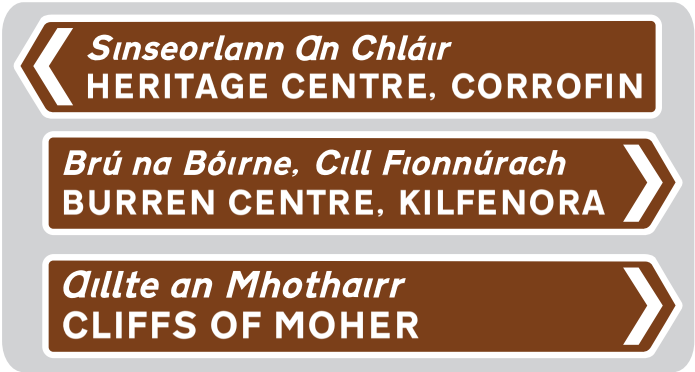


'x' - height	50mm		
Letter colour	WHITE	SIGN FACE	
Letter background	BROWN	Width	1085mm
Sign border	WHITE	Height	505mm
Sign background	GREY	Area	0.81sq.m
MaterialClass 2			
Note Edge of sign must be at least 1250 from edge of carriageway			

BURREN VISITOR SIGNAGE	R476/R480 JUNCTION AT LEAMANEH	Sign Reference No: C

'x' - height 50mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1085mm
Sign border	WHITE	Height 505mm
Sign background	GREY	Area 0.81sq.m
MaterialClass 2		
Note Edge of sign must be at least 1250 from edge of carriageway		

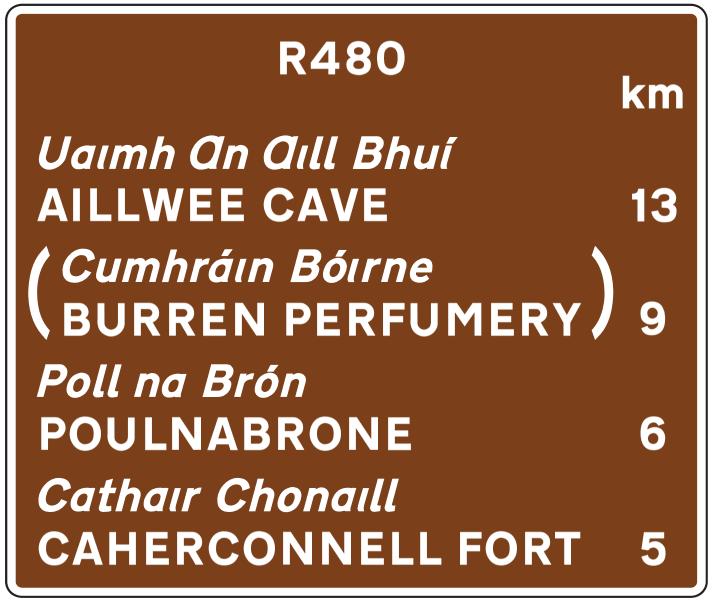
BURREN VISITOR SIGNAGE	R476/R480 JUNCTION AT LEAMANEH	Sign Reference No: D



Visitor sign

'x' - height 50mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1415mm
Sign border	WHITE	Height 550mm
Sign background	GREY	Area .71sq.m
MaterialClass 2		
Note Edge of sign must be at least 1250 from edge of carriageway		

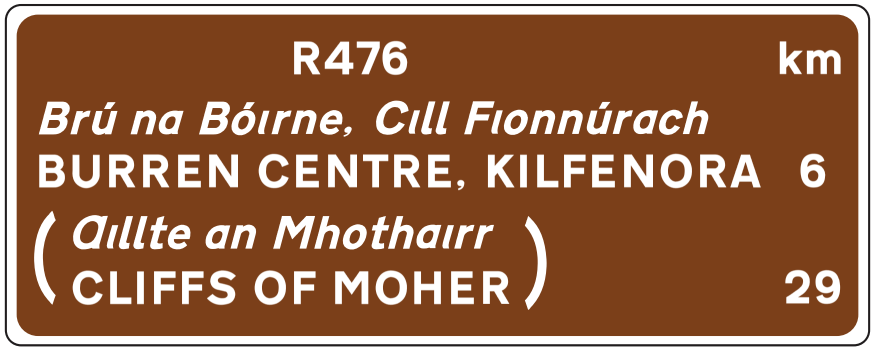
BURREN VISITOR SIGNAGE	R476/R480 JUNCTION AT LEAMANEH	Sign Reference No: E



'x' - height	70 or 80mm		
Letter colour	WHITE	SIGN FACE	
Letter background	BROWN	Width	1395mm
Sign border	WHITE	Height	1270mm
MaterialClass 2		Area	1.77sq.m
Note Edge of sign must be at least 1250 from edge of carriageway			

Notes
1. "R480" Numerical Height @ 6s/w

BURREN VISITOR SIGNAGE	R476/R480 JUNCTION AT LEAMANEH	Sign Reference No: F



'x' - height 70mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1845mm
Sign border	WHITE	Height 475mm
MaterialClass 2		Area 0.87sq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

Notes
1. "R480" Numerical Height @ 6s/w

BURREN VISITOR SIGNAGE	R476/R480 JUNCTION AT LEAMANEH	Sign Reference No: G

'x' - height	70mm		
Letter colour	WHITE	SIGN FACE	
Letter background	BROWN	Width	1880mm
Sign border	WHITE	Height	475mm
Material	Class 2	Area	0.89sq.m
Note Edge of sign must be at least 1250 from edge of carriageway			

Notes
1. "R476" Numerical Height @ 6s/w

BURREN VISITOR SIGNAGE	R476/R480 JUNCTION AT LEAMANEH	Sign Reference No: H

Before and After Images

Before

After

2.0 Signage Suite
Direction Signage for Motorists

'x' - height 70mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1850mm
Sign border	WHITE	Height 975mm
Material Class 2		Area 1.80sq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

BURREN VISITOR SIGNAGE	CONFIRMATORY SIGN	Sign Reference No: 1

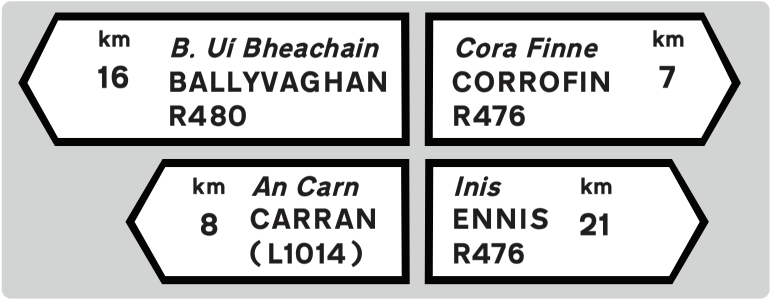
'x' - height 70mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1850mm
Sign border	WHITE	Height 1475mm
Material Class 2		Area 2.72sq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

BURREN VISITOR SIGNAGE	SUPPLEMENTARY CONFIRMATORY SIGN OUTSIDE TOWNS/VILLAGES	Sign Reference No: 2

'x' - height	70mm		
Letter colour	WHITE	SIGN FACE	
Letter background	BROWN	Width	1855mm
Sign border	WHITE	Height	1260mm
Material Class 2		Area	2.34sq.m
Note Edge of sign must be at least 1250 from edge of carriageway			

Notes
1. "R480" Numerical Height @ 6s/w

BURREN VISITOR SIGNAGE	ADVANCE DIRECTIONAL SIGN	Sign Reference No: 3



Visitor sign

'x' - height 50mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 2410mm
Sign border	WHITE	Height 495mm
Sign background	GREY	Area 1.19sq.m
MaterialClass 2		
Note Edge of sign must be at least 1250 from edge of carriageway		

BURREN VISITOR SIGNAGE	DIRECTIONAL SIGNS	Sign Reference No: 4

Visitor sign

'x' - height	50mm		
Letter colour	WHITE	SIGN FACE	
Letter background	BROWN	Width	2410mm
Sign border	WHITE	Height	495mm
Sign background	GREY	Area	1.19sq.m
MaterialClass 2			
Note Edge of sign must be at least 1250 from edge of carriageway			

BURREN VISITOR SIGNAGE	DIRECTIONAL SIGNS	Sign Reference No: 4a

'x' - height 50mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1100mm
Sign border	WHITE	Height 480mm
		Area .530sq.m
MaterialClass 2		
Note: Edge of sign must be at least 1250 from edge of carriageway		
Note: A similar advance sign is also appropriate for Viewing points.		

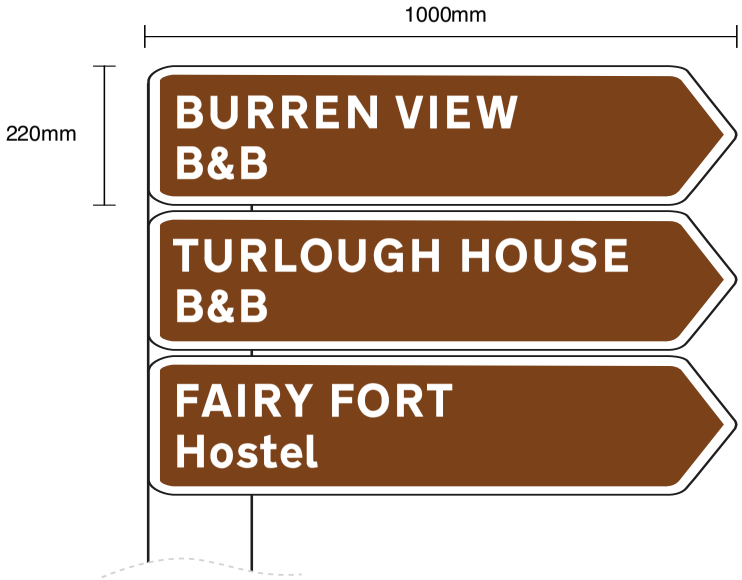
BURREN VISITOR SIGNAGE	ATTRACTION SITE ADVANCE SIGN	Sign Reference No: 5

'x' - height 50mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 970mm
Sign border	WHITE	Height 229mm
MaterialClass 2		Area .222sq.m
Note: Edge of sign must be at least 1250 from edge of carriageway		

BURREN VISITOR SIGNAGE	ATTRACTION SITE ENTRANCE SIGN	Sign Reference No: 6

'x' - height 70mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1888mm
Sign border	WHITE	Height 808mm
		Area 1.525sq.m
MaterialClass 2		
Note: Edge of sign must be at least 1250 from edge of carriageway		

BURREN VISITOR SIGNAGE	VIEWING POINT ENTRANCE SIGN	Sign Reference No: 7



'x' - height 50mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1000mm
Sign border	WHITE	Height 750mm
MaterialClass 2		Area .75 sq.m
Note: Edge of sign must be at least 1250 from edge of carriageway		
Note: This sign is an example of a signage scheme at a junction where there are multiple service providers. All the signs havethe same size and format enabling the creation of a tidy and easily legible composite signboard.		

BURREN VISITOR SIGNAGE	COMPOSITE ACCOMODATION SIGNS FOR LOCAL ROADS NOT AT MAIN JUNCTIONS	Sign Reference No: 8

2.1 Signage Suite
Warning Signs for Motorists

x-height	70mm		
Symbol Height	620mm		
Symbol colour	BLACK	SIGN FACE	
Symbol background	WHITE	Width	910mm
SIGN background	GREY	Height	1600mm
Material	Class 2	Area	1.45sq.m
Note Edge of sign must be at least 1250 from edge of carriageway			

BURREN VISITOR SIGNAGE	NARROW ROAD WARNING	Sign Reference No: 9

Symbol Height	xxxmm		
Symbol colour	BLACK	SIGN FACE	
Symbol background	YELLOW	Width	xxxmm
SIGN background	BLACK	Height	xxxmm
Material	Class 2	Area	xxxsq.m

Note
1) Sign dimensions are as per RSA (Road Safety Authority) guidelines
2) Edge of sign must be at least 1250 from edge of carriageway

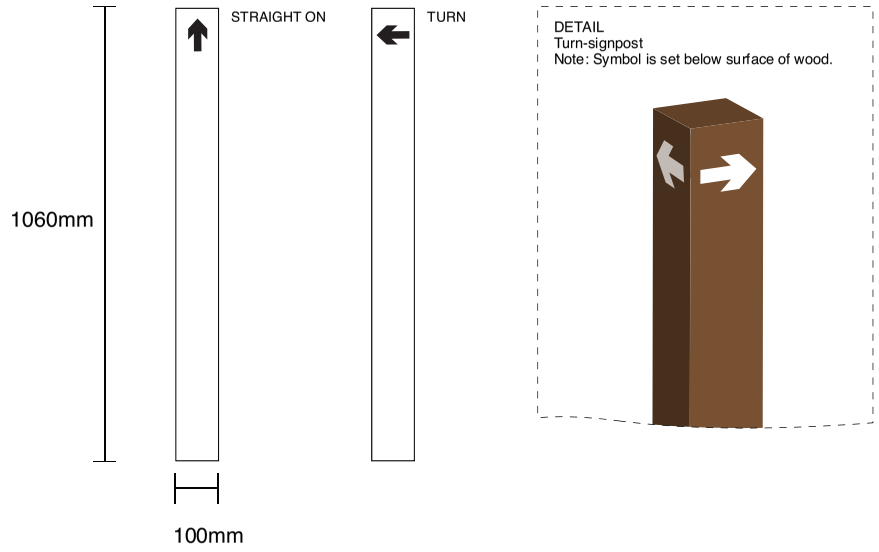
BURREN VISITOR SIGNAGE	WARNING: CYCLISTS USING THE ROAD	Sign Reference No: 10

Symbol Height	xxxmm		
Symbol colour	BLACK	SIGN FACE	
Symbol background	YELLOW	Width	xxxmm
SIGN background	BLACK	Height	xxxmm
Material	Class 2	Area	xxxsq.m

Note
1) Sign dimensions are as per RSA (Road Safety Authority) guidelines
2) Edge of sign must be at least 1250 from edge of carriageway

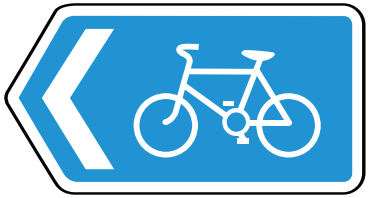
BURREN VISITOR SIGNAGE	WARNING: WALKERS USING THE ROAD	Sign Reference No: 11

2.2 Signage Suite
Signs for Walkers and Cyclists



Symbol colour WHITE	Symbol
Arrow colour in accordance	Width 100mm
with colour code for Burren	Height 140mm
route network'	Post height 1060mm
Material: Treated and painted wood.	
Note: This sign is modelled on the official wooden post signage for long distance walking routes. To avoid any confusion with the Burren Way, which is an established long distance walking route, arrow symbols should NOT be coloured yellow. The plastic reflective walking signs in current use should not be used outside of villages.	

BURREN VISITOR SIGNAGE	BURREN WALKING ROUTE SIGN	Sign Reference No: 12



Sign 1

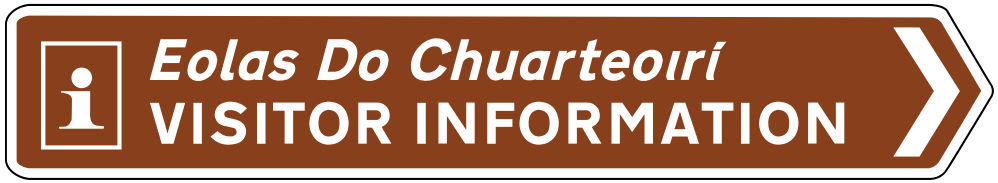
Letter colour	WHITE	SIGN FACE
Letter background	BLUE	Width 400mm
Sign border	WHITE	Height 210mm
MaterialClass 2		Area 0.084sq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

Sign 2

'x' - height 50mm		
Letter colour	WHITE	SIGN FACE
Letter background	BLUE	Width 635mm
Sign border	WHITE	Height 210mm
MaterialClass 2		Area 0.13sq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

Note: This signage is indicative only, pending adoption of a national strategy for cycling. At that time cycle routes will be identified by a unique number or name and the number or name will appear on some of the signs. However, as far as possible, in the open country-side, the signs should be no larger than is necessary to serve their purpose

BURREN VISITOR SIGNAGE	BURREN CYCLING ROUTE SIGN/S	Sign Reference No: 13



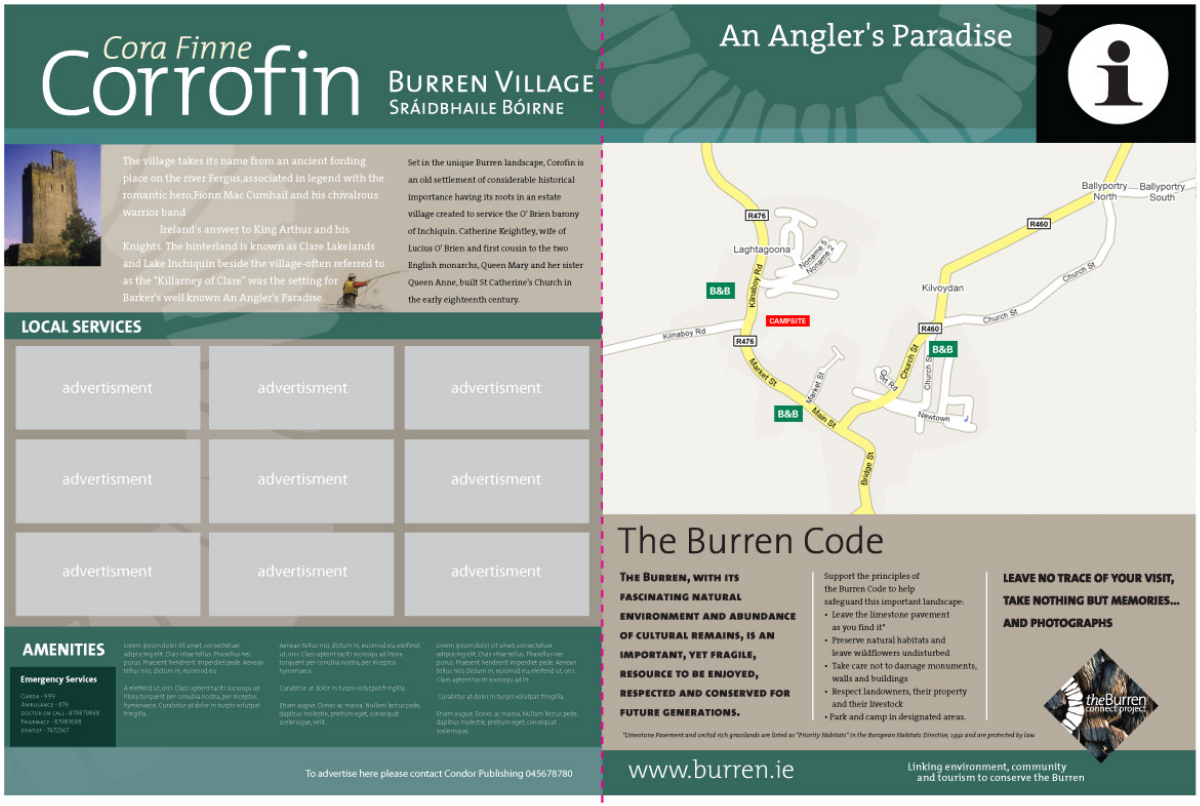
'x' - height 50mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width 1630mm
Sign border	WHITE	Height 287mm
MaterialClass 2		Area .467sq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

BURREN VISITOR SIGNAGE	VISITOR INFORMATION DIRECTION SIGN	Sign Reference No: 14

'x' - height 70mm		
Letter colour	WHITE	SIGN FACE
Letter background	BROWN	Width xxxmm
Sign border	WHITE	Height xxxmm
Material Class 2		Area xxxsq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

BURREN VISITOR SIGNAGE	VISITOR INFORMATION SIGN	Sign Reference No: 15

2.3 Signage Suite
Visitor Information Boards



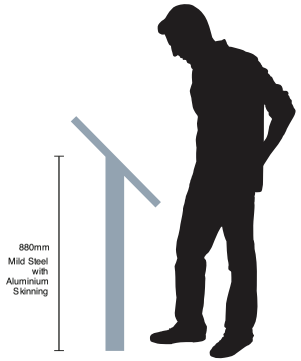
Dimensions
XXXmm x XXXmm (Condor to confirm)
Output - Process 150 dpi -
Large Format Print

Output may be split to fit double cabinet

Visitor Information Board is designed to fit into existing advertising supported information signs. The information layout is modular and can be adapted to suit different informational requirements. All graphic elements are provided as print ready PDFs and editable .EPS files on the accompanying DVD

AMENITY SYMBOL REFERENCES ARE FOR DEMONSTRATION ONLY

BURREN VISITOR SIGNAGE	VISITOR INFORMATION BOARD *TEMPLATE*	Sign Reference No: 16



Dimensions
1100mm x 430mm
Output - Colour 300 dpi -
Large Format Photographic Print on
Sealed Vinyl

Viewing Point Board template layout is modular and can be adapted to suit different informational requirements. Template allows for different points of interest to be highlighted. **Burren Code area should not be modified.** All graphic elements are provided as print ready PDFs and editable .EPS files on the accompanying DVD

BURREN VISITOR SIGNAGE	VIEWING POINT BOARD *TEMPLATE*	Sign Reference No: 17

2.4 Signage Suite
Town and Village Name Boards

'x' - height	70mm		
Letter colour	BLACK	SIGN FACE	
Letter background	WHITE	Width	1915mm
Sign background	GREY	Height	2422mm
Material	Class 2	Area	4.63sq.m

Note Edge of sign must be at least 1250 from edge of carriageway

BURREN VISITOR SIGNAGE	BURREN TOWN SIGN - ALT VERSION	Sign Reference No: 18

'x' - height 70mm		
Letter colour	BLACK	SIGN FACE
Letter background	WHITE	Width 1915mm
Sign background	GREY	Height 2422mm
Material Class 2		Area 4.63sq.m
Note Edge of sign must be at least 1250 from edge of carriageway		

BURREN VISITOR SIGNAGE	BURREN VILLAGE SIGN - ALT VERSION	Sign Reference No: 19