Llywodraeth Cymru
Welsh Government

A55 Junctions 14 and 15 Improvements

Environmental Statement

Volume 2 Figures

March 2021

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EUROPEAN UNION
Llywodraeth Cymru
Welsh Government
Cronfa Datblygu Rhanbarthol Ewrop
European Regional Development Fund

Intended for
Welsh Government

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Environmental Statement

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A55 JUNCTION 15 ENVIRONMENTAL STATEMENT VOLUME 2

FIGURES

RAMBOLL Bright ideas. Sustainable change.

CONTENTS

Figure No.	Figure Title
ES Chapter 2 Figures	
2.1	Administrative Area
2.2	Setting of the Scheme
2.3	Photographs of the Coast, Road, Town and Country
2.4	The extent of landtake
ES Chapter 7 Figures	
7.1	Water Environment -Site Features
7.2	Water Environment - Designated Sites
7.3	NRW Risk of Flooding from Rivers and Sea
7.4	NRW Risk of Flooding from Surface Water (3% annual chance)
7.5	NRW Risk of Flooding from Surface Water (1% annual chance)
7.6	NRW Risk of Flooding from Surface Water (0.1% annual chance)
ES Chapter 8 Figures	
8.1	Internationally Designated Nature Conservation Sites
8.2	Nationally Designated Nature Conservation Sites
8.3	Phase 1 Habitat Survey Junction 15
8.4	Bat Transect Route (2018) Junction 15
8.5	Bat Transect Route (2019) Junction 15
ES Chapter 9 Figures	
9.1	Study Area
9.2	Visual Effects Overview
9.3	Landform and Terrain
9.4	Landscape Designations
9.5	Landscape Baseline
9.6	Landscape Evaluation Visual and Sensory Aspect
9.7	Landscape Character Areas Context Overview
9.8	Landscape Character Areas
9.9	Representative Viewpoints
9.10	Visual Effects Drawing
ES Chapter 10 Figures	
10.1	Designated Sites of Historic Interest
10.2	Assets Overview
10.3	Assets (West)

Figure No.	Figure Title
10.4	Assets (East)
ES Chapter 11 Figures	
11.1	Community and Private Assets
ES Chapter 12 Figures	
12.1	Air Quality Receptor and Monitoring Locations
12.2	Junction 16 Air Quality Annual Mean Nitrogen Dioxide Contour
12.3	Junction 16 Air Quality Annual Mean PM10 Contour
ES Chapter 13 Figures	
13.1	Study Area
13.2	Baseline Noise Monitoring Locations
13.3	Noise Level Difference at 4m Height Without Mitigation
13.4	Noise Level Difference at 4m Height With Mitigation
13.5	Baseline Traffic
13.6	Proposed traffic
ES Chapter 14 Figures	
14.1	Proposed Layout Showing Existing NMU Routes
14.2	Pedestrian and Cyclist Survey Locations
14.3	Trip Generators
14.4	Active Travel Routes
14.5	NMU Mini Schemes
ES Chapter 15 Figures	
15.2	Waste Management Facilities in Wales for J15
15.3	Waste Management Facilities in North Wales for J15
15.4	Safeguarded Hard Rock Areas (J15)
15.5	Quarry Buffer Zone (J15)
15.6	Safeguarded Sand and Gravel Areas (J15)
ES Chapter 19 Figures	
19.1	Planning Applications and Allocated Sites
19.2	Short-Listed Development Sites

ES Chapter 2 Figures	
2.1	Administrative Area
2.2	Setting of the Scheme
2.3	Photographs of the Coast, Road, Town and Country
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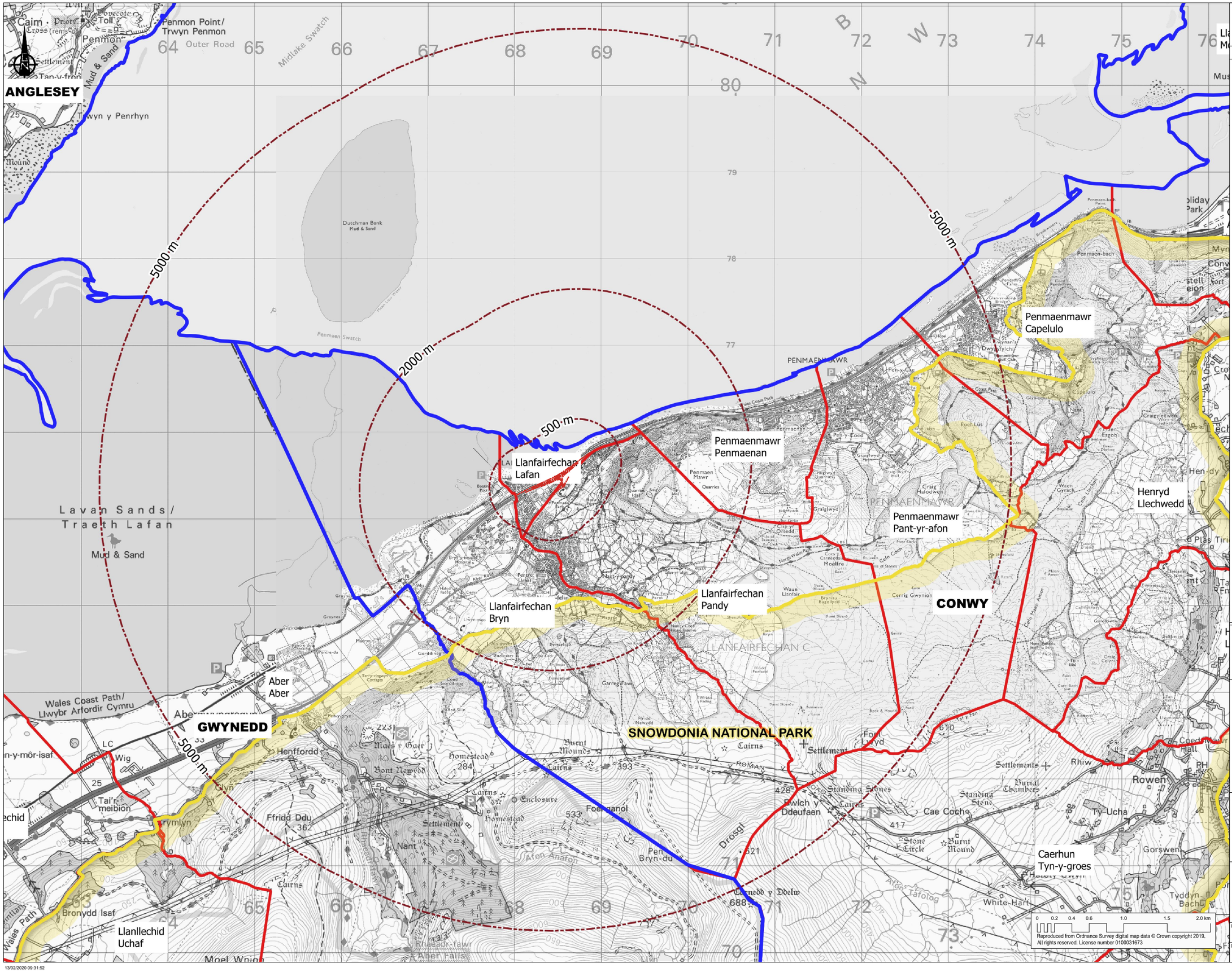

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Notes

- Community Council
- County Council
- National Park
- Carriageway alignment
- Fixed distance buffer

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JUNCTION 15
FIGURE 2.1
ADMINISTRATIVE AREA
SHEET 1 OF 1

0 0.2 0.4 0.6 1.0 1.5 2.0 km

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Project No:	Scale (@A1):	Drawn:	Date:
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Drawing No:	Rev:
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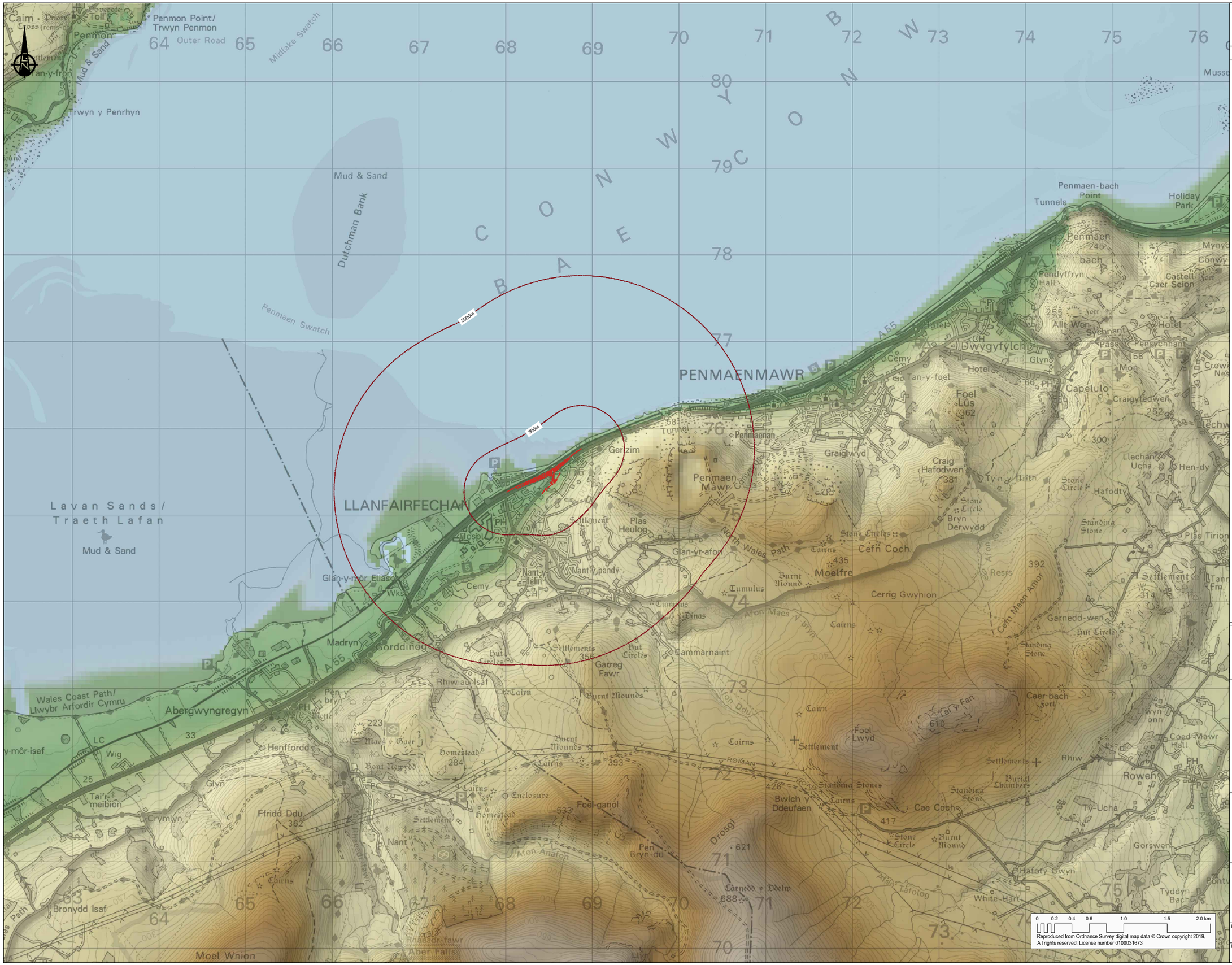

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Notes

Level (metres above Ordnance datum)

- more than 1000
- 901 to 1000
- 801 to 900
- 701 to 800
- 601 to 700
- 501 to 600
- 450 to 500
- 401 to 450
- 351 to 400
- 301 to 350
- 251 to 300
- 201 to 250
- 101 to 200
- 51 to 100
- 41 to 50
- 31 to 40
- 21 to 30
- 11 to 20
- 1 to 10
- Sea Level

- Carriageway alignment
- Fixed distance buffer

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JUNCTION 15
FIGURE 2.2
SETTING OF THE SCHEME
SHEET 1 OF 1

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1620000620	1:40,000	RhE	FEB 20

Drawing No:	Rev:
A55J15J16-RML-30-15-DR-X-0205	01

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COAST

A. View east along inter-tidal area towards Llanfairfechan Promenade and the Great Orme.

B. View along Wales Coast Path towards Llanfairfechan east and Penmaen Mawr mountain.

C. View east along Llanfairfechan Promenade and the beach towards the mountain of Penmaen Mawr.

D. View east across Llanfairfechan Promenade towards A55 road and rail corridor and residential areas of Pendalar and Penmaen Park.

Notes	Rev	Description	Date	By / Chk	App

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JUNCTION 15
FIGURE 2.3
COAST, ROAD, TOWN & COUNTRY
SHEET 1 OF 4

Project No:	Scale (@A3):	Drawn:	Date:
1620000620	N.T.S.	RJ	FEB 20

Drawing No:	Rev:
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TOWN

E. View west to existing Junction 15 roundabout from pedestrian footbridge.

F. View east from Junction 14 overbridge along A55 road corridor.

G. View east from pedestrian footbridge tto westbound carriageway and residential area of Pendalar and Tyddin Drycin.

H. View east from NCN Route 5 overbridge towards Penmaenmawr tunnel.

Notes

Rev	Description	Date	By / Chk	App

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JUNCTION 15
FIGURE 2.3
COAST, ROAD, TOWN & COUNTRY
SHEET 2 OF 4

Project No:	Scale (@A3):	Drawn:	Date:
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TOWN

I. View east along Penmaenmawr Road towards Junction 15.

J. View from Penmaenmawr Road northeast towards existing Junction 15 roundabout and adjacent properties.

K. View west towards Junction 15 with properties of Ferndale on right in picture.

L. View north across the exsting Junction 15 roundabout with Puffin Island on the horizon.

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JUNCTION 15
FIGURE 2.3
COAST, ROAD, TOWN & COUNTRY
SHEET 3 OF 4

Project No:	Scale (@A3):	Drawn:	Date:
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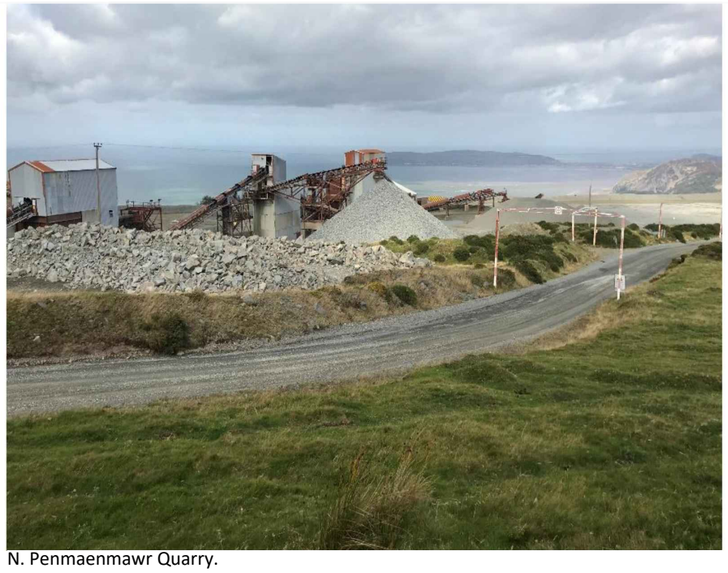
COUNTRY

M. View across Llanfairfechan from upland area towards the headland of Penmaen Mawr.



N. Penmaenmawr Quarry.

O. View across existing Junction 15 roundabout and properties 8 & 9 Penmaen View that would be demolished as a result of the scheme.

P. View north from Penmaen Park across properties on Penmaenmawr Road and the Promenade towards the east of Anglesey and Puffin Island.

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JUNCTION 15
FIGURE 2.3
COAST, ROAD, TOWN & COUNTRY
SHEET 4 OF 4

Project No:	Scale (@A3):	Drawn:	Date:
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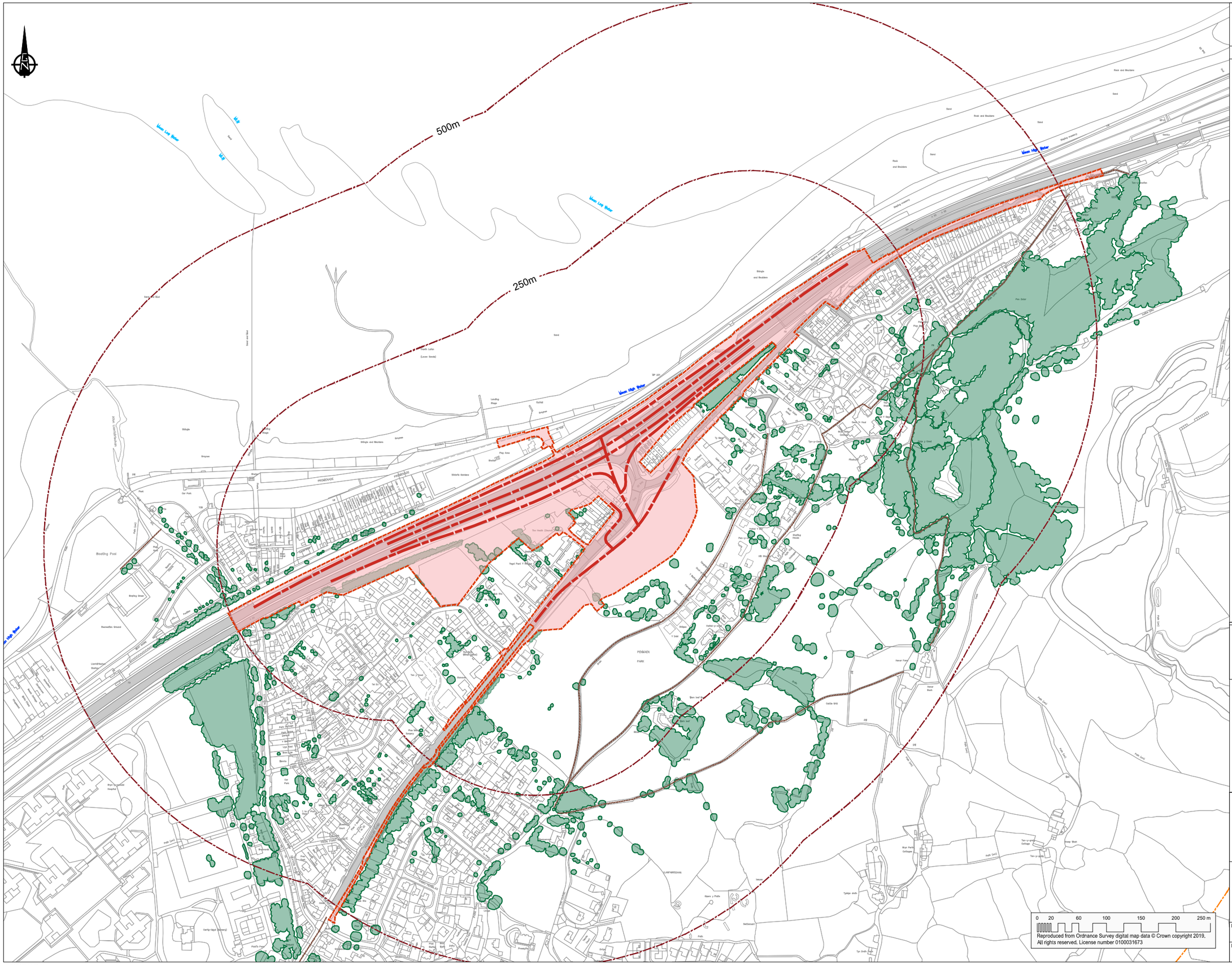
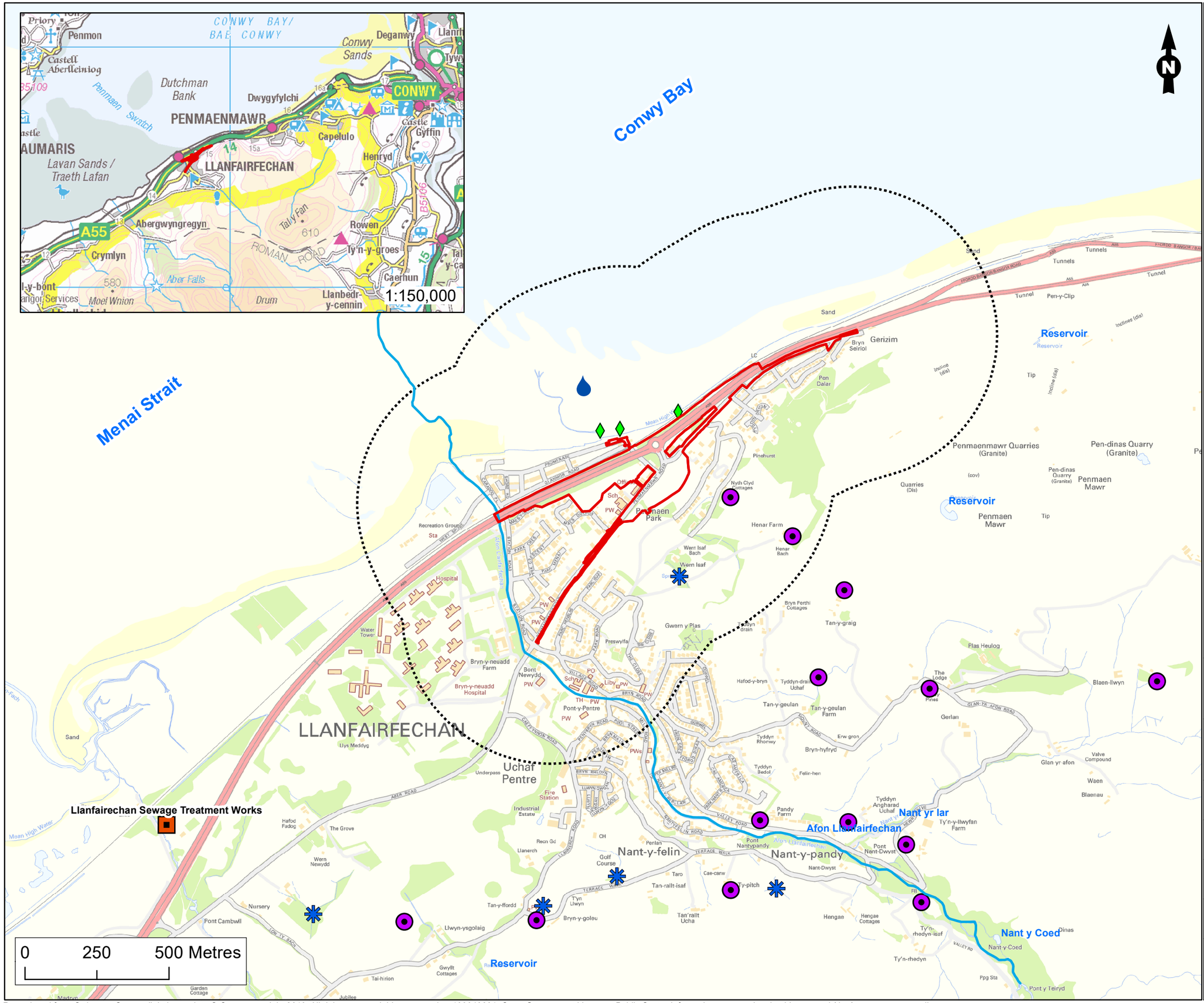

500m
250m
Mean Low Water
Mean High Water
Sand
Rock and Boulders
Shingle and Boulders
Groyne
Slipway
Landing Stage
Pier
Car Park
Play Area
Bowling Green
Recreation Ground
Boating Pool
Sewage Works
Pumping Station
Tennis Court
Cricket Pitch
Golf Course
Sand and Mud
Shingle
Mud
Weir
Footbridge
Footpath
Path (pth)
Road
Railway
Building
Cliff
Sand Dune
Marsh
Scrub
Wooded Area
Hedge
Fence
Wall
Pond
Stream
Drain
Sewage Pipe
Gas Pipe
Water Pipe
Electricity Pipe
Telephone Line
Electricity Pole
Telephone Pole
Lighthouse
Mast
Tank
Tower
Chimney
Cliff Face
Rock Face
Cutting
Embankment
Level Crossing
Bridge
Viaduct
Tunnel
Sewage Treatment Works
Pumping Station
Cricket Pitch
Golf Course
Tennis Court
Bowling Green
Recreation Ground
Boating Pool
Car Park
Play Area
Sewage Works
Weir
Footbridge
Footpath
Path (pth)
Road
Railway
Building
Cliff
Sand Dune
Marsh
Scrub
Wooded Area
Hedge
Fence
Wall
Pond
Stream
Drain
Sewage Pipe
Gas Pipe
Water Pipe
Electricity Pipe
Telephone Line
Electricity Pole
Telephone Pole
Lighthouse
Mast
Tank
Tower
Chimney
Cliff Face
Rock Face
Cutting
Embankment
Level Crossing
Bridge
Viaduct
Tunnel
Sewage Treatment Works
Pumping Station
PENMAEN PARK
LLANFAIRFECHAN
PENMAENMAWR
Llanfairfechan Station
Penmaenmawr Station
Llandudno Junction Station
Bryn Llewelyn Hospital
Ysgol Dyffryn Llanfairfechan
Ysgol Penmaenmawr
Ysgol Y Dderwen
Ysgol Y Bont
Ysgol Y Tywyn
Ysgol Y Ffridd
Ysgol Y Ffridd Fach
Ysgol Y Ffridd Ganol
Ysgol Y Ffridd Uchaf
Ysgol Y Ffridd Isaf

ES Chapter 7 Figures	
7.1	Water Environment -Site Features
7.2	Water Environment - Designated Sites
7.3	NRW Risk of Flooding from Rivers and Sea
7.4	NRW Risk of Flooding from Surface Water (3% annual chance)
7.5	NRW Risk of Flooding from Surface Water (1% annual chance)
7.6	NRW Risk of Flooding from Surface Water (0.1% annual chance)



Legend

- Junction 15 Site Boundary
- 500 m Buffer Zone
- Main River
- Llanfairechan Sewage Treatment Works
- Wells
- Springs
- Existing Outfalls
- Bathing Water Sampling Location

Figure Title Junction 15 - Water Environment: Site Features	
Project Name A55 - Junction 15	
Project Number 1620000620	Figure No. 7.1
Date September 2019	Prepared By BH
Scale 1:12,500 @A3	Issue 1
Client Welsh Government	

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Legend

- Junction 15 Site Boundary
- 200 m buffer zone

Protected Sites Special Areas Of Conservation

- Menai Strait and Conwy Bay SAC
- Shellfish Bed

Protected Sites Special Protection Areas

- Lavan Sands
- Liverpool Bay
- WFD Designated Groundwater Body
- WFD Designated Rivers
- WFD - Designated Coastal Water Body
- Bathing water

Figure Title Junction 15 - Water Environment Designated Sites	
Project Name A55 - Junction 15	
Project Number 1620000620	Figure No. 7.2
Date September 2019	Prepared By BH
Scale 1:16,000 @A3	Issue 1
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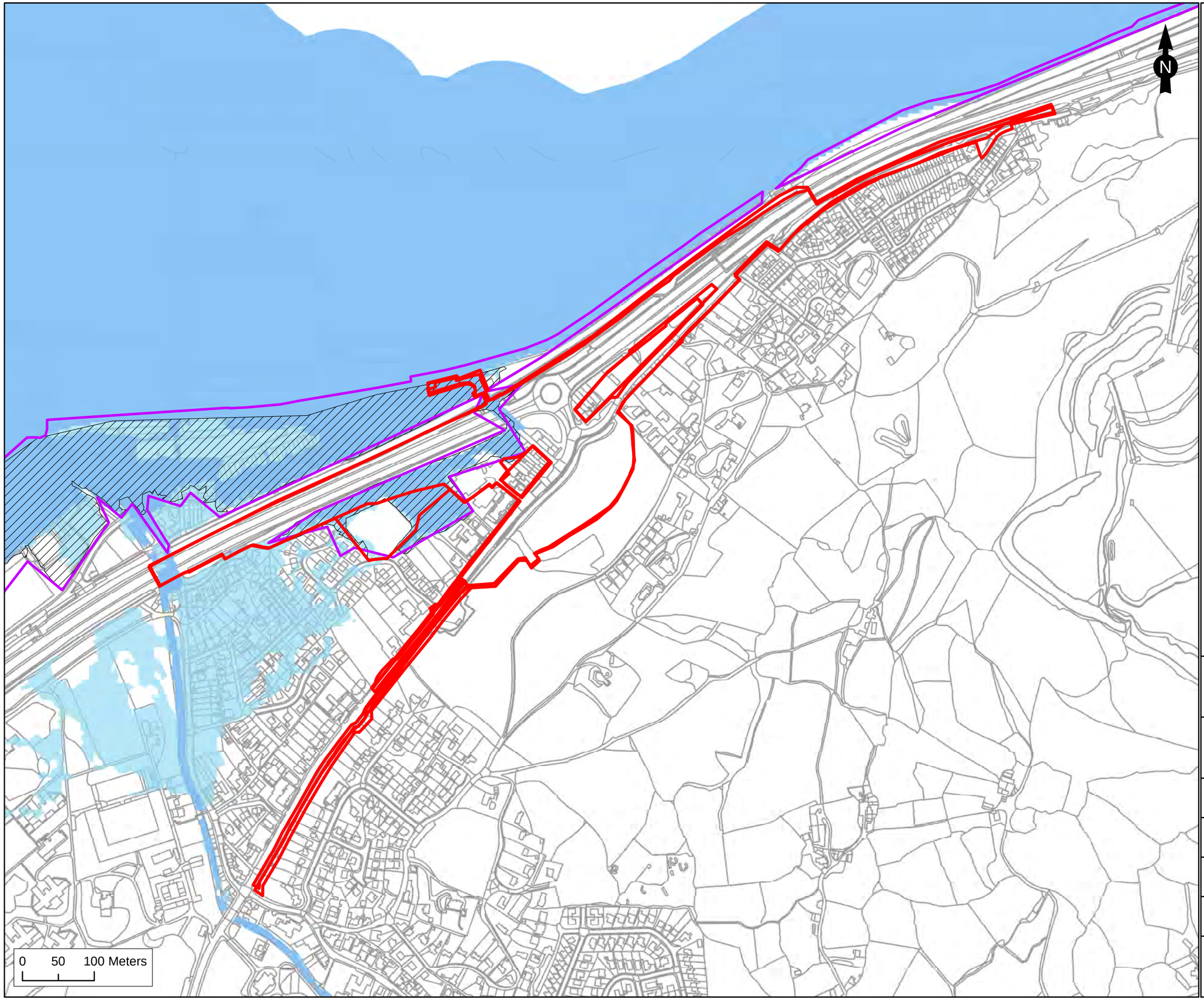

Legend

- Junction 15 Site Boundary
- Flood Zone 3
- Flood Zone 2
- Flood Alert Area
- Area Benefiting from Flood Defences

Figure Title NRW Risk of Flooding from Rivers and Sea	
Project Name A55 Junctions 15 and 16 Improvements	
Project Number 1620000620	Figure No. 7.3
Date October 2019	Prepared By CS
Scale 1:5,000 @A3	Issue 1

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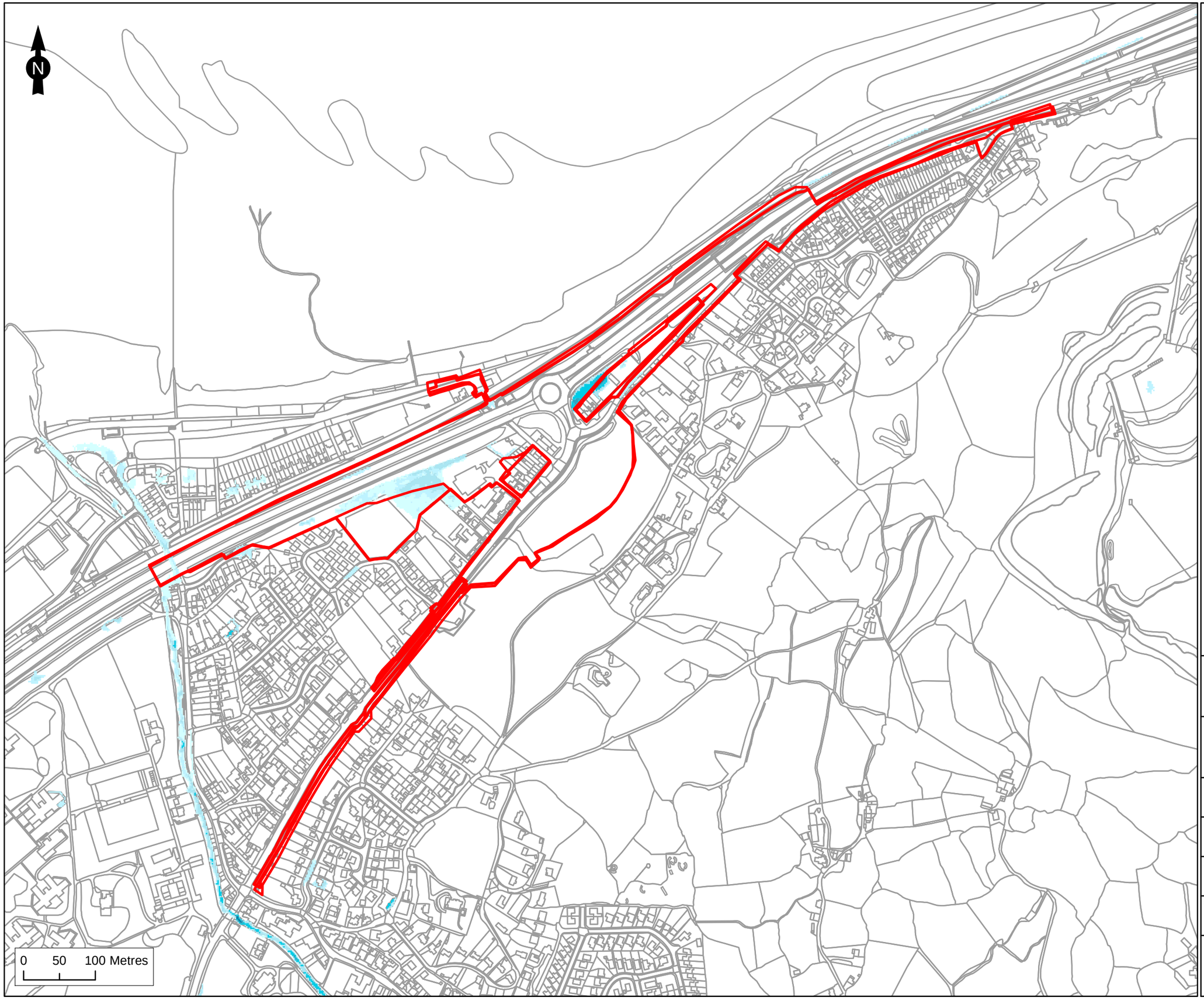

Legend

Junction 15 Site Boundary

Risk of Flooding from Surface Water (3.3% annual chance)

Depth (6 bands)

- 0.00 - 0.15 m
- 0.15 - 0.30 m
- 0.30 - 0.60 m
- 0.60 - 0.90 m
- 0.90 - 1.20 m
- > 1.20 m

Figure Title NRW Risk of Flooding from Surface Water (3.3% annual chance)	
Project Name A55 Junctions 15 and 16 Improvements	
Project Number 1620000620	Figure No. 7.4
Date October 2019	Prepared By CS
Scale 1:5,000 @A3	Issue 1
Client **Welsh Government**	

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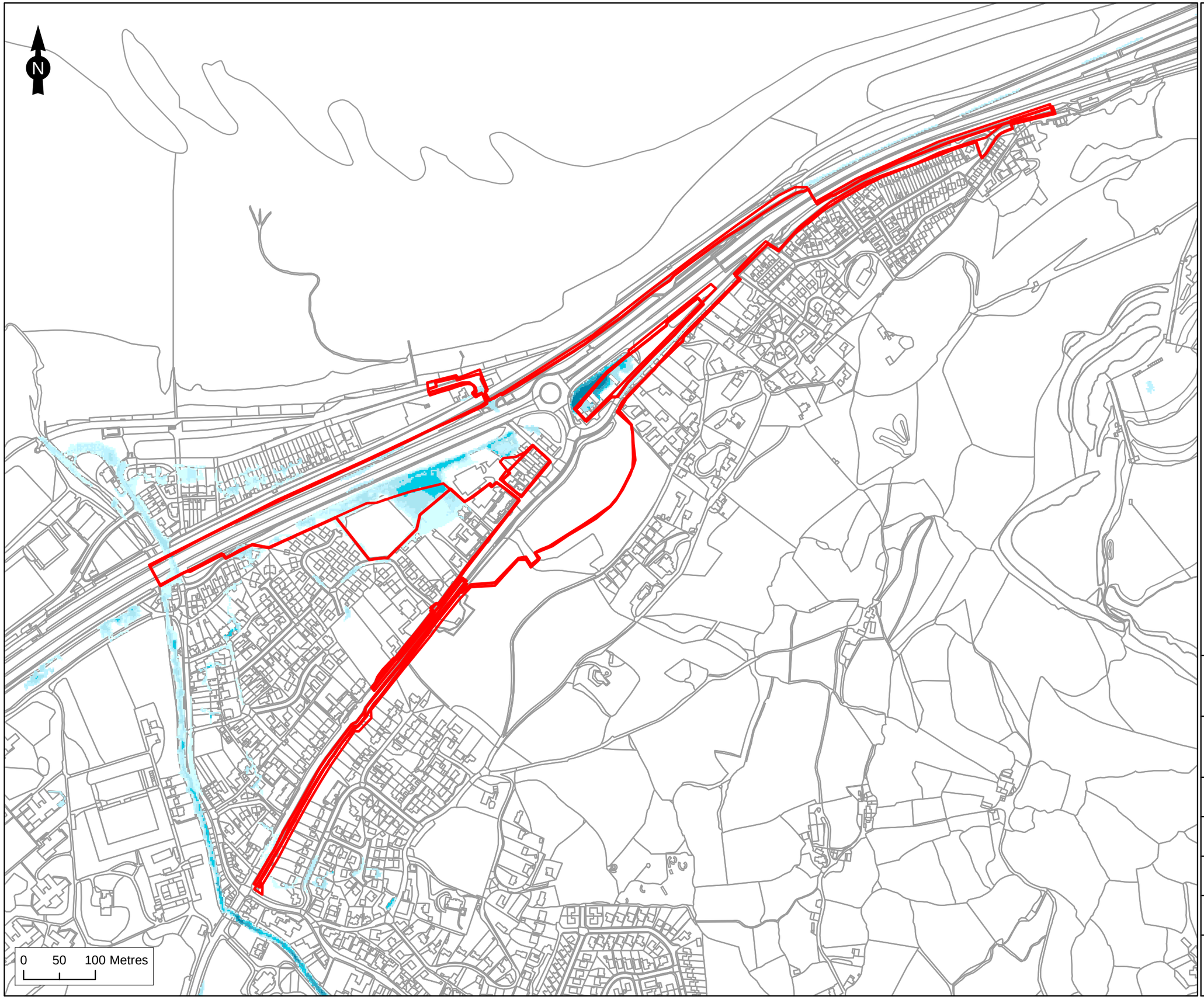

Legend

Junction 15 Site Boundary

Risk of Flooding from Surface Water (1% annual chance)

Depth (6 bands)

- 0.00 - 0.15 m
- 0.15 - 0.30 m
- 0.30 - 0.60 m
- 0.60 - 0.90 m
- 0.90 - 1.20 m
- > 1.20 m

Figure Title NRW Risk of Flooding from Surface Water (1% annual chance)	
Project Name A55 Junctions 15 and 16 Improvements	
Project Number 1620000620	Figure No. 7.5
Date October 2019	Prepared By CS
Scale 1:5,000 @A3	Issue 1
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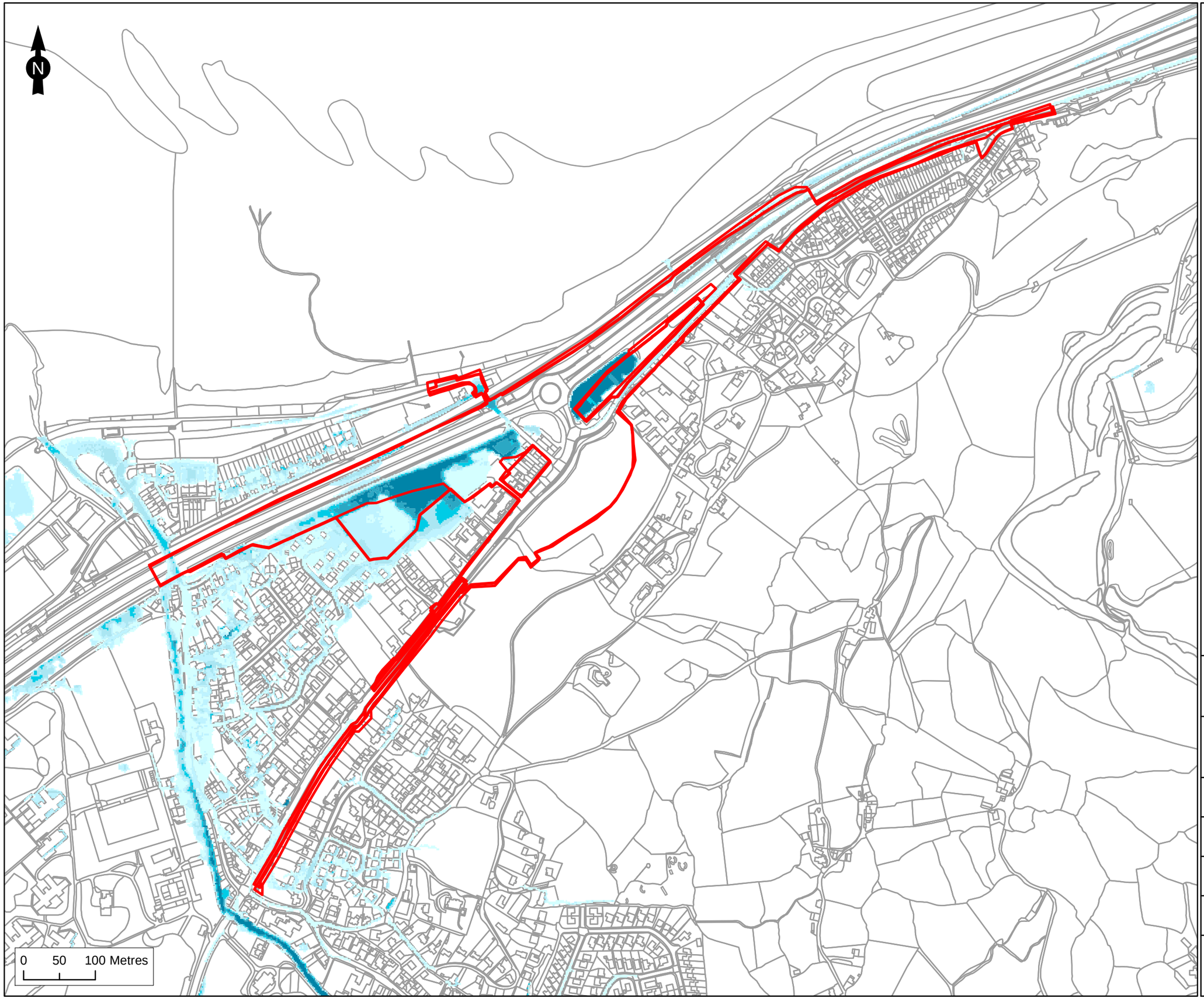

Legend

Junction 15 Site Boundary

Risk of Flooding from Surface Water (0.1% annual chance)

Depth (6 bands)

- 0.00 - 0.15 m
- 0.15 - 0.30 m
- 0.30 - 0.60 m
- 0.60 - 0.90 m
- 0.90 - 1.20 m
- > 1.20 m

Figure Title NRW Risk of Flooding from Surface Water (0.1% annual chance)	
Project Name A55 Junctions 15 and 16 Improvements	
Project Number 1620000620	Figure No. 7.6
Date October 2019	Prepared By CS
Scale 1:5,000 @A3	Issue 1
Client **Welsh Government**	

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ES Chapter 8 Figures	
8.1	Internationally Designated Nature Conservation Sites
8.2	Nationally Designated Nature Conservation Sites
8.3	Phase 1 Habitat Survey Junction 15
8.4	Bat Transect Route (2018) Junction 15
8.5	Bat Transect Route (2019) Junction 15

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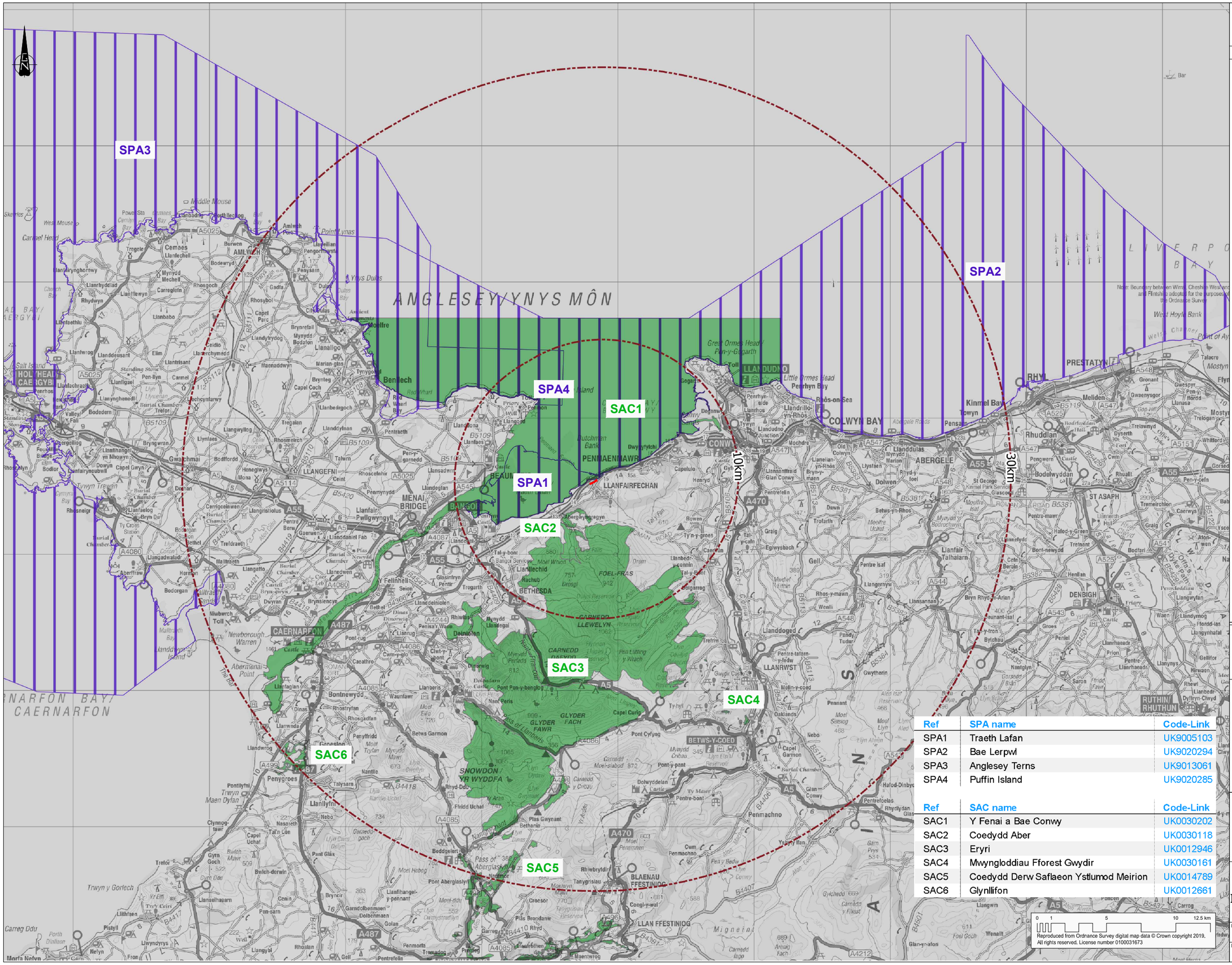
Notes

Scheme location

Fixed distance buffer (10 and 30 km)

Special Protection Area

Special Area of Conservation



Ref	SPA name	Code-Link
SPA1	Traeth Lafan	UK9005103
SPA2	Bae Lerpwl	UK9020294
SPA3	Anglesey Terns	UK9013061
SPA4	Puffin Island	UK9020285

Ref	SAC name	Code-Link
SAC1	Y Fenai a Bae Conwy	UK0030202
SAC2	Coedydd Aber	UK0030118
SAC3	Eryri	UK0012946
SAC4	Mwyngloddiau Fforest Gwydir	UK0030161
SAC5	Coedydd Derw Safaeon Ystlumod Meirion	UK0014789
SAC6	Glynllifon	UK0012661

0 1 5 10 12.5 km

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JUNCTION 15
FIGURE 8.1
INTERNATIONALLY DESIGNATED NATURE CONSERVATION SITES

Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:250,000	RLJ	FEB 20

Drawing No:	Rev:
A55J15J16-RML-30-15-DR-X-0801	01

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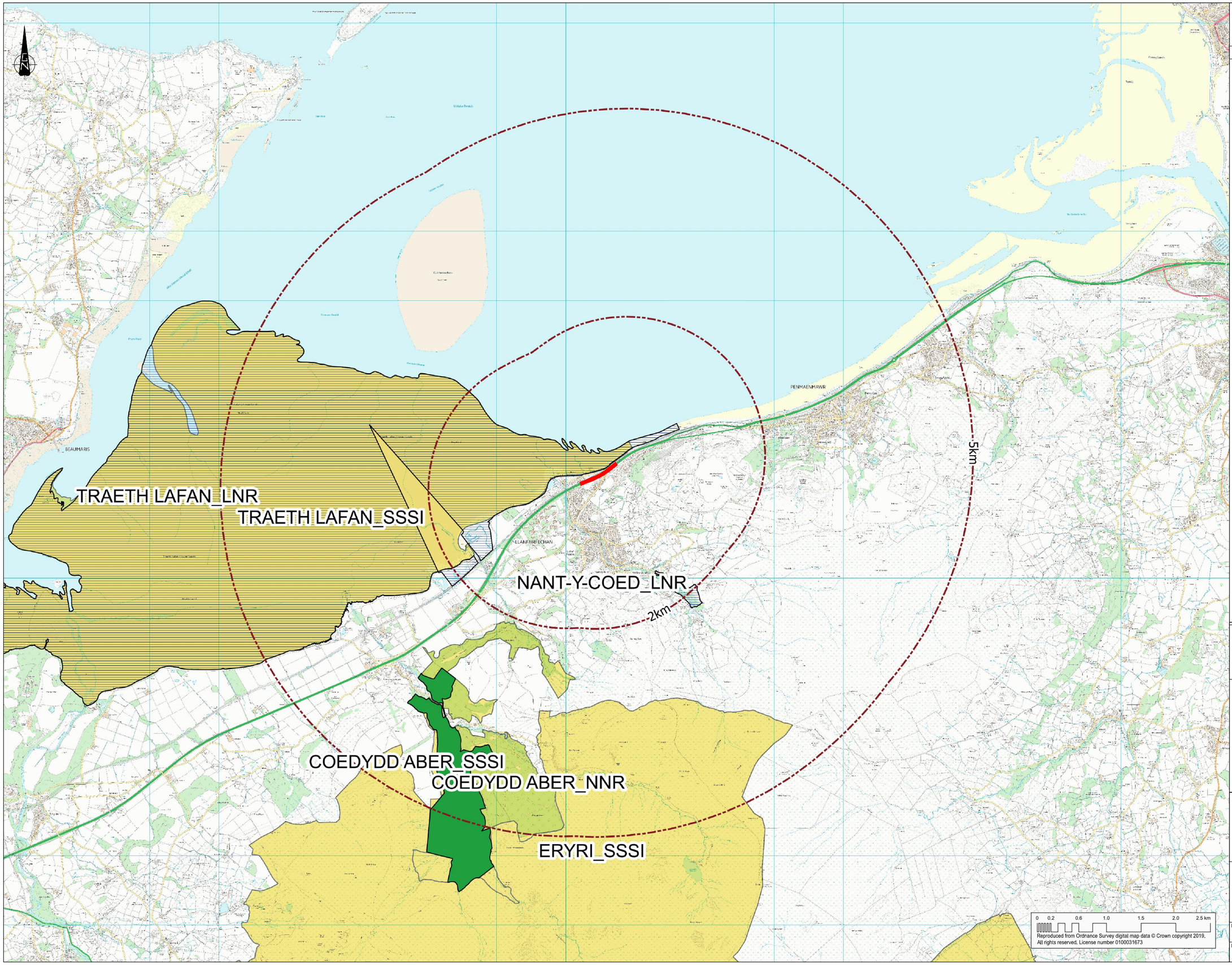

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Notes

- Scheme location
- Study Area (2 and 5 km buffer)
- Site of Special Scientific Interest
- National Nature Reserve
- Local Nature Reserve

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JUNCTION 15
FIGURE 8.2
NATIONALLY DESIGNATED NATURE CONSERVATION SITES

Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:50,000	RLJ	FEB 20

Drawing No:	Rev:
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Notes

Proposed scheme extents

Phase 1 Habitat Elements

- Target note
- A1.3.2 - Mixed woodland plantation
- A3.1 - Parkland, scattered trees, broad-leaved
- A2.2 - Scrub, scattered
- B2.2 - Semi-improved grassland
- B4 - Improved grassland
- B6 - Poor semi-improved grassland
- H1.1 - Mud/Sand
- H3 - Shingle above high tide mark
- J1.2 - Amenity grassland
- J2.1.2 - Intact hedge - species poor
- J2.4 - Fence
- J2.6 - Dry ditch
- J3.6 - Buildings

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JUNCTION 15
FIGURE 8.3
PHASE 1 HABITAT SURVEY

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Rev: 04

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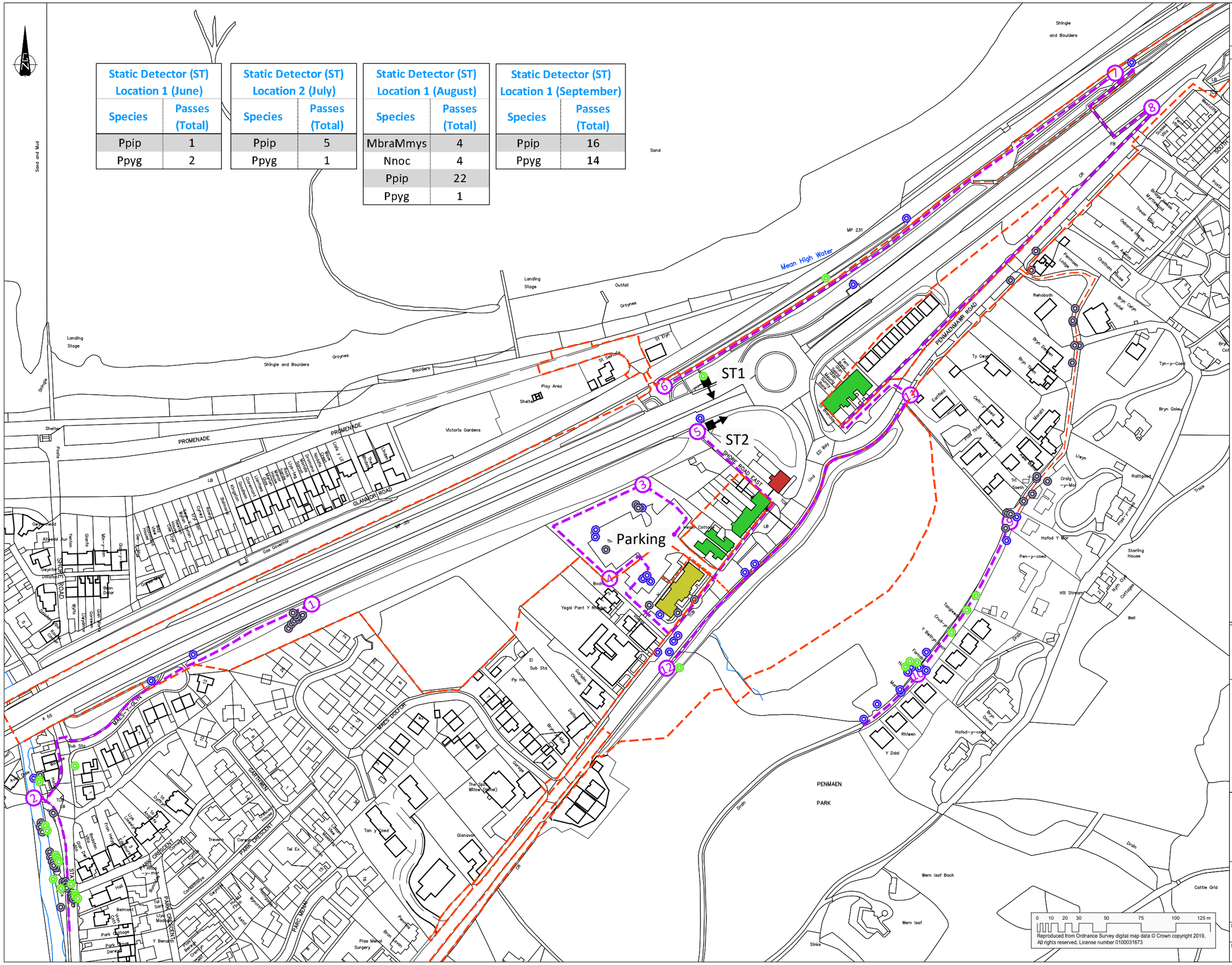
Static Detector (ST) Location 1 (June)	
Species	Passes (Total)
Ppip	1
Ppyg	2

Static Detector (ST) Location 2 (July)	
Species	Passes (Total)
Ppip	5
Ppyg	1

Static Detector (ST) Location 1 (August)	
Species	Passes (Total)
MbraMmys	4
Nnoc	4
Ppip	22
Ppyg	1

Static Detector (ST) Location 1 (September)	
Species	Passes (Total)
Ppip	16
Ppyg	14


ST1
ST2
Parking
Mean High Water
PROMENADE
GLANMOR ROAD
SHORE ROAD EAST
PENMAENMAWR ROAD
PARK CRESCENT
PARC MENAI
PENMAEN PARK
Victoria Gardens
Play Area
Shingle and Boulders
Sand and Mud
Sand
Landing Stage
Groynes
Outfall
Gas Governor
Pen-y-coed
Starling House
Hill Stream
Hafod Y Mor
Rhiwen
Y Ddol
Hafod-y-coed
Wern Isaf Bach
Wern Isaf
Cattle Grid
Well
Drain
Track
Plas Menai Surgery
Tan y Coed
Glanavon
Yagal Pant Y Rhagan
Bryn Celyn Hotel
Bryn Goleu
Tyn-y-Coed
Rehoboth
Llwyn
Ralltgoed
Craig-y-Mor
Tri Coets
Bryn Dedwn
Ty Gwyn
Earlfield
Cefn-y-Bedd
Morardi
Bryn Teg
Penmaen Lodge
Oakham House
Bryn Aelodau
Trevor Lodge
Osborne House
Bryn Mynydd
Bryn Aber
Bryn Onnen
Tanglewood
Croes-y-Mor
Y Bwthyn Bach
Fairfield
Hillcrest
Mona
Ty Ucha
Ty Isaf
Ty Gwyn
Ty Newydd
Ty Mawr
Ty Cerrig

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Notes

- Proposed scheme extents
- Transect route completed in 2019
- 5 minute stopping point
- Location for static detector
- Location for emergence survey
- Means of access
- Common Pipistrelle (Ppip) record during transect surveys
- Soprano Pipistrelle (Ppyg) record during transect surveys
- Noctule (Nnoc) record during transect surveys
- Whisker/Brandts (MbraMmys) record during transect surveys

Notes:
Transect to be walked over 3 occasions, with route reversed on one occasion.

Bat roost potential in structures & trees

- Low
- Moderate
- High
- Confirmed

Parking

ST2

ST1

Static Detector (ST) Location 1 (July)	
Species	Passes (Total)
Mdau	1
Mnat	2
Nnoc	1342
Paur	2
Ppip	950
Ppyg	232
Rhip	4

Static Detector (ST) Location 2 (September)	
Species	Passes (Total)
MbraMmys	1
Mdau	11
Mnat	4
Nnoc	4
Ppip	485
Ppyg	76

0 10 20 30 50 75 100 125 m

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JUNCTION 15
FIGURE 8.5
BAT TRANSECT ROUTE
2019

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1620000620	1:2,500	RLJ	FEB 20

Drawing No:	Rev:
A55J15J16-RML-30-15-DR-X-0805	03

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ES Chapter 9 Figures	
9.1	Study Area
9.2	Visual Effects Overview
9.3	Landform and Terrain
9.4	Landscape Designations
9.5	Landscape Baseline
9.6	Landscape Evaluation Visual and Sensory Aspect
9.7	Landscape Character Areas Context Overview
9.8	Landscape Character Areas
9.9	Representative Viewpoints
9.10	Visual Effects Drawing

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Notes

Legend

- Scheme Study Area (2000m)
- Scheme Assessment Area (500m)
- Proposed Scheme Alignment

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JUNCTION 15
FIGURE 9.1
STUDY AREA
SHEET 01 of 01

0 0.1 0.2 0.3 0.5 0.75 1.0 km

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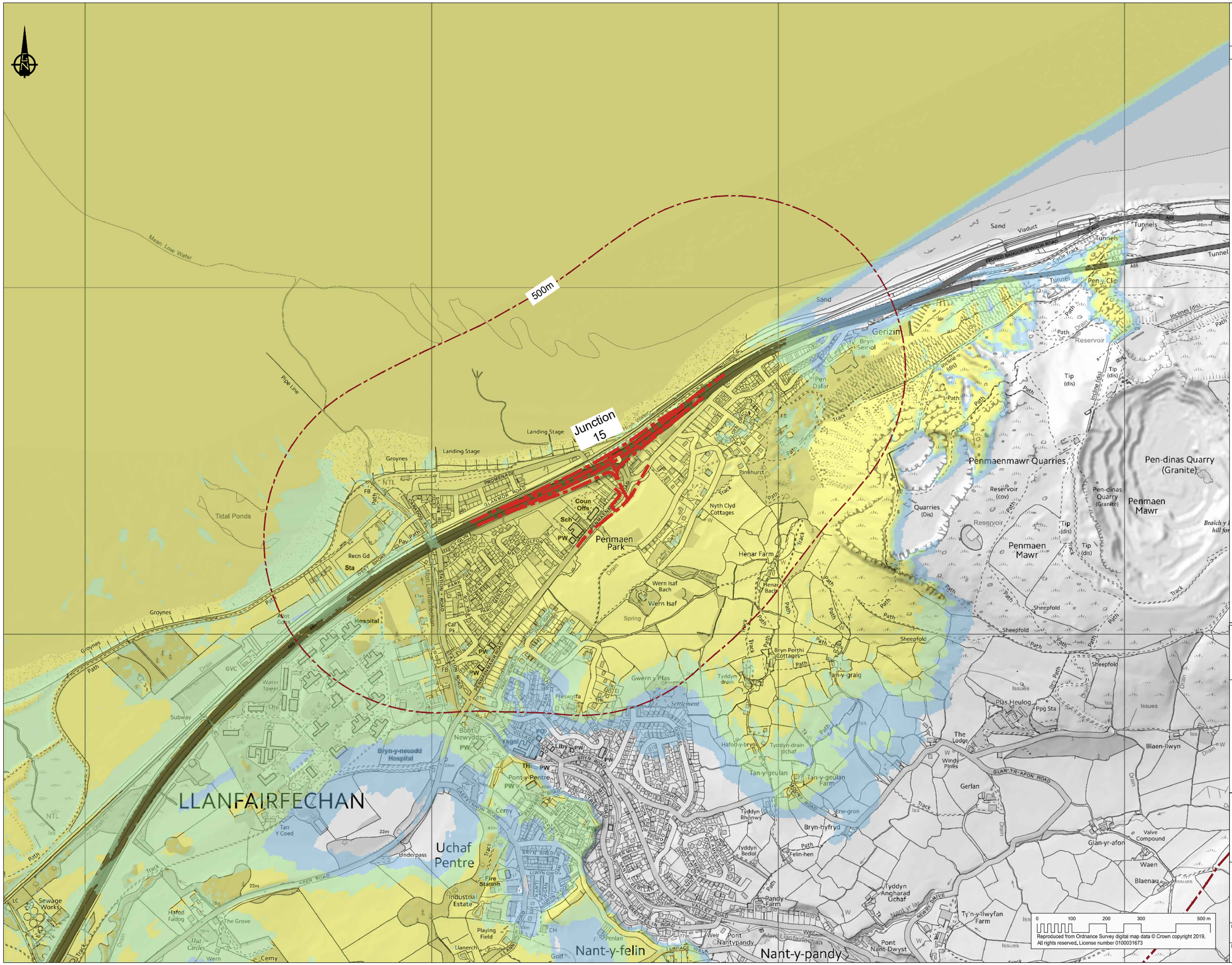

Legend

- Scheme Assessment Area (500m)
- Proposed Scheme Alignment

Zone of Theoretical Visibility

- View of road surface
- View of high sided vehicles
- View of lighting columns

Notes

ZTV based on Natural Resources Wales LiDAR digital terrain model, which does not include surface features such as buildings and substantial vegetation.

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JUNCTION 15
FIGURE 9.2
VISUAL EFFECTS OVERVIEW
SHEET 1 OF 1

Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:10000	RhE	JUL 20

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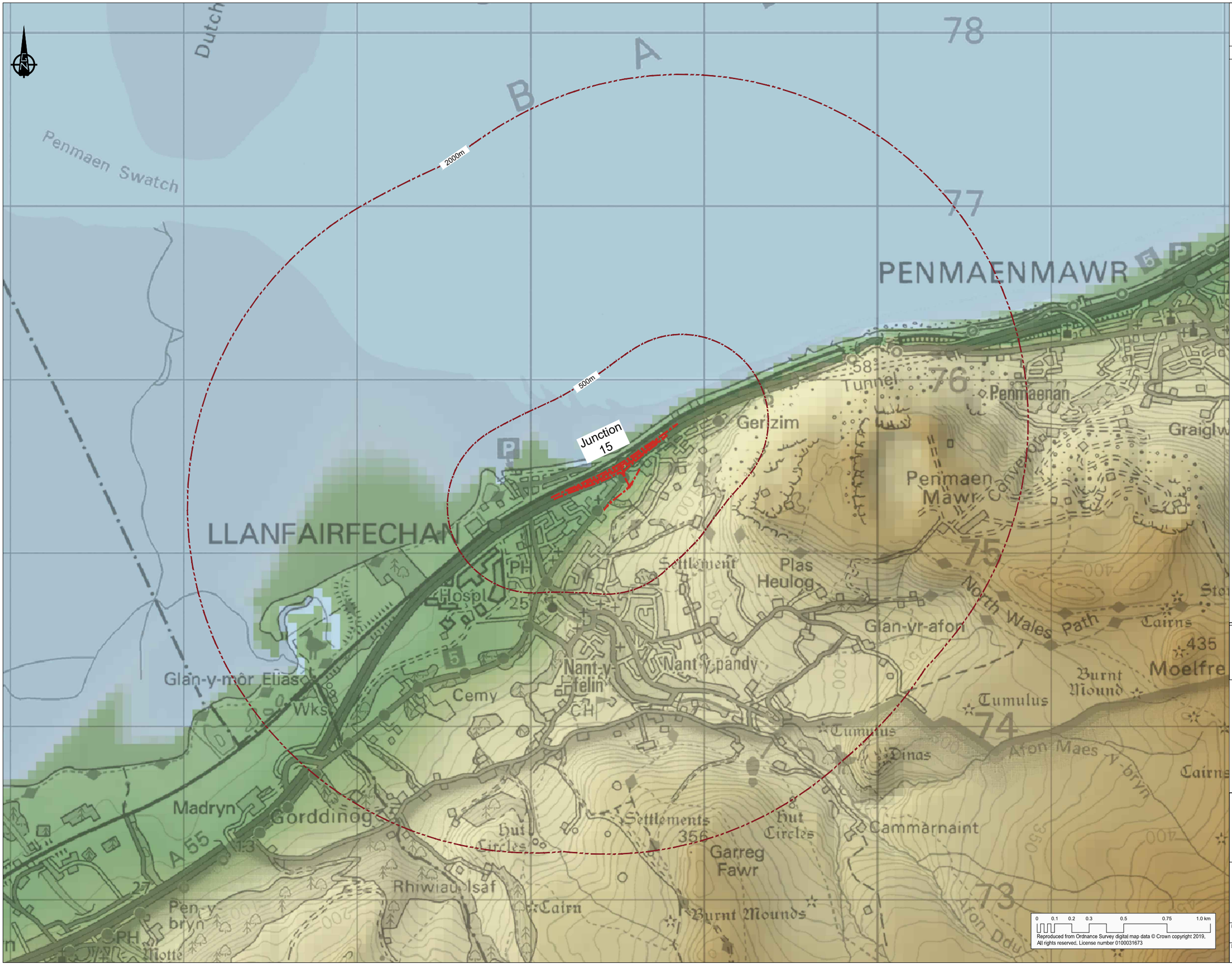

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Notes

Legend

- Scheme Study Area (2000m)
- Scheme Assessment Area (500m)
- Proposed Scheme Alignment

Level (metres above Ordnance datum)

- more than 1000
- 901 to 1000
- 801 to 900
- 701 to 800
- 601 to 700
- 501 to 600
- 450 to 500
- 401 to 450
- 351 to 400
- 301 to 350
- 251 to 300
- 201 to 250
- 101 to 200
- 51 to 100
- 41 to 50
- 31 to 40
- 21 to 30
- 11 to 20
- 1 to 10
- Sea Level

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JUNCTION 15
FIGURE 9.3
LANDFORM AND TERRAIN
SHEET 1 OF 1

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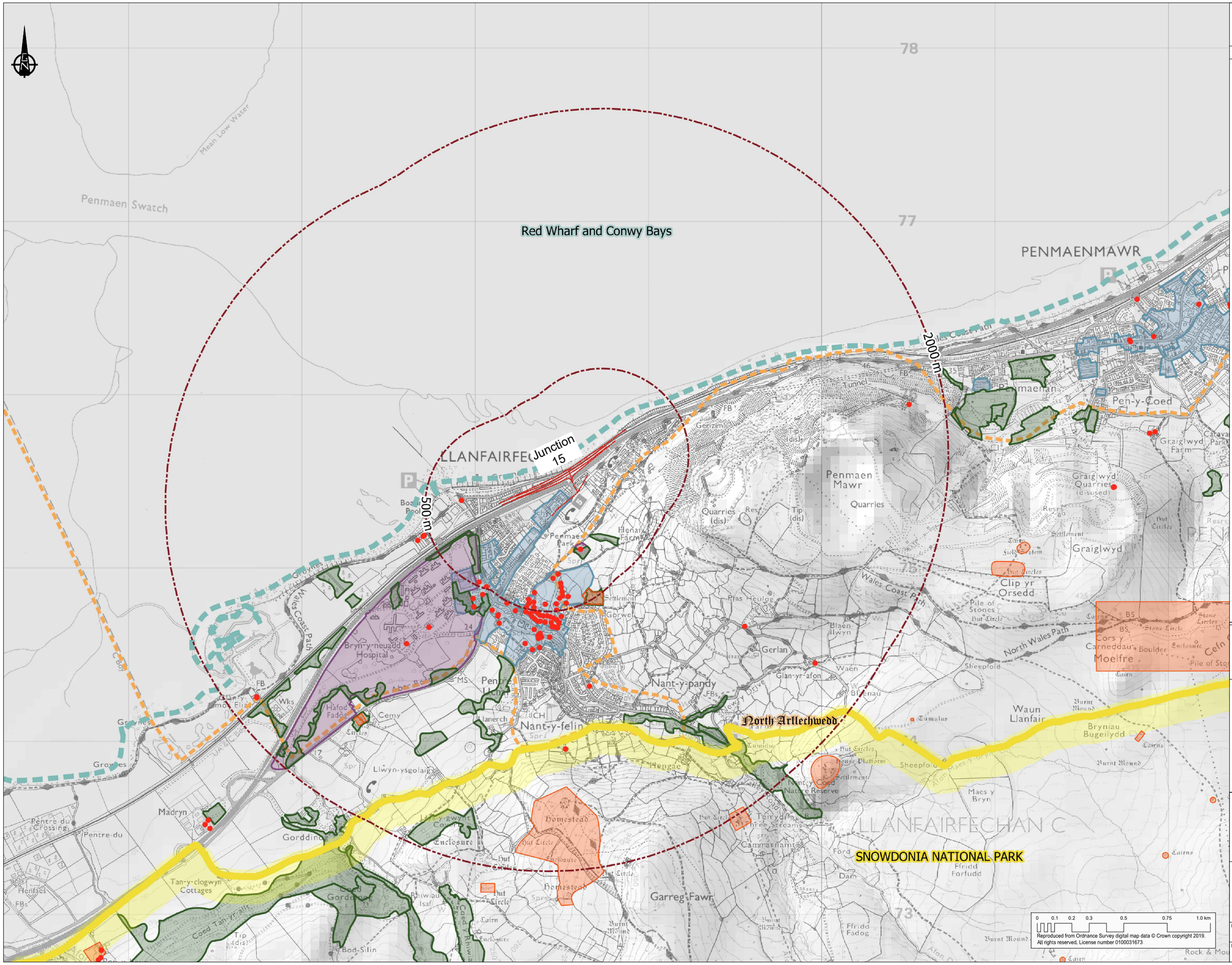

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Notes

Legend

- Scheme Study Area (2000m)
- Scheme Assessment Area (500m)
- Proposed Scheme Alignment

Landscape Designations

- Snowdonia National Park *1
- Registered Historic Park and Garden *2
- Registered Historic Landscape in Wales *2
- Conservation Area *3
- Ancient Woodland *1
- Marine Character Area 3 Red Wharf and Conwy Bays *4
- Scheduled Ancient Monument *2
- Listed Building *2

Source data used with permission of:
*1 Natural Resources Wales
*2 Cadw
*3 Welsh Government
*4 Natural Resources Wales and Land Use Consultants

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JUNCTION 15
FIGURE 9.4
LANDSCAPE DESIGNATIONS
SHEET 1 OF 1

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Drawing No:	Rev:
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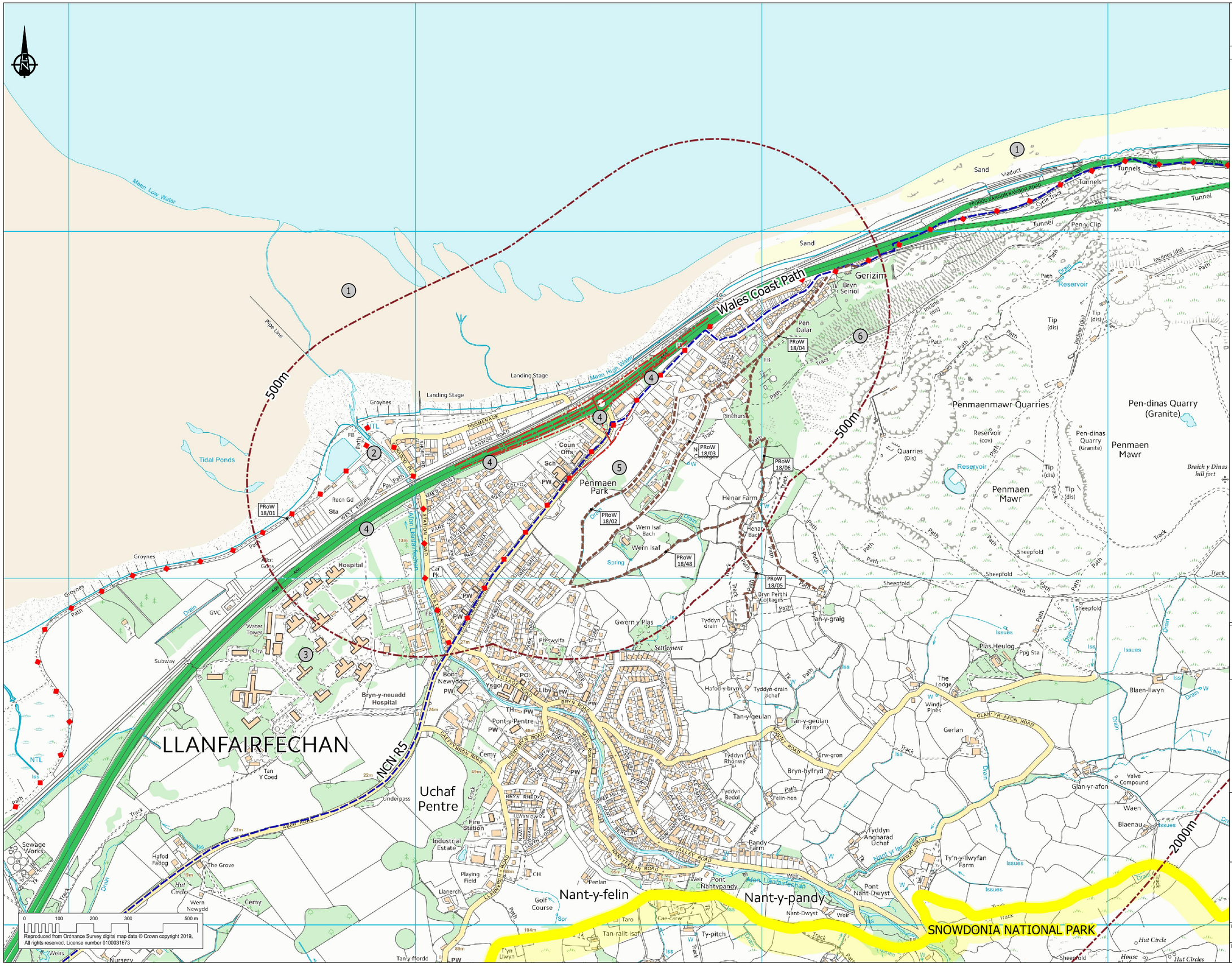

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Notes

Legend

- Scheme Assessment Area (500m)
- Proposed Scheme Alignment
- National Cycle Network Route 5
- Wales Coast Path
- Public Right of Way
- Existing vegetation

1 Intertidal area
2 Coastal plain
3 Bryn y Neuadd Parkland
4 A55 Roadside Plantation
5 Penmaen Park
6 Hillside Slopes

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JUNCTION 15 FIGURE 9.5 LANDSCAPE BASELINE SHEET 1 OF 1

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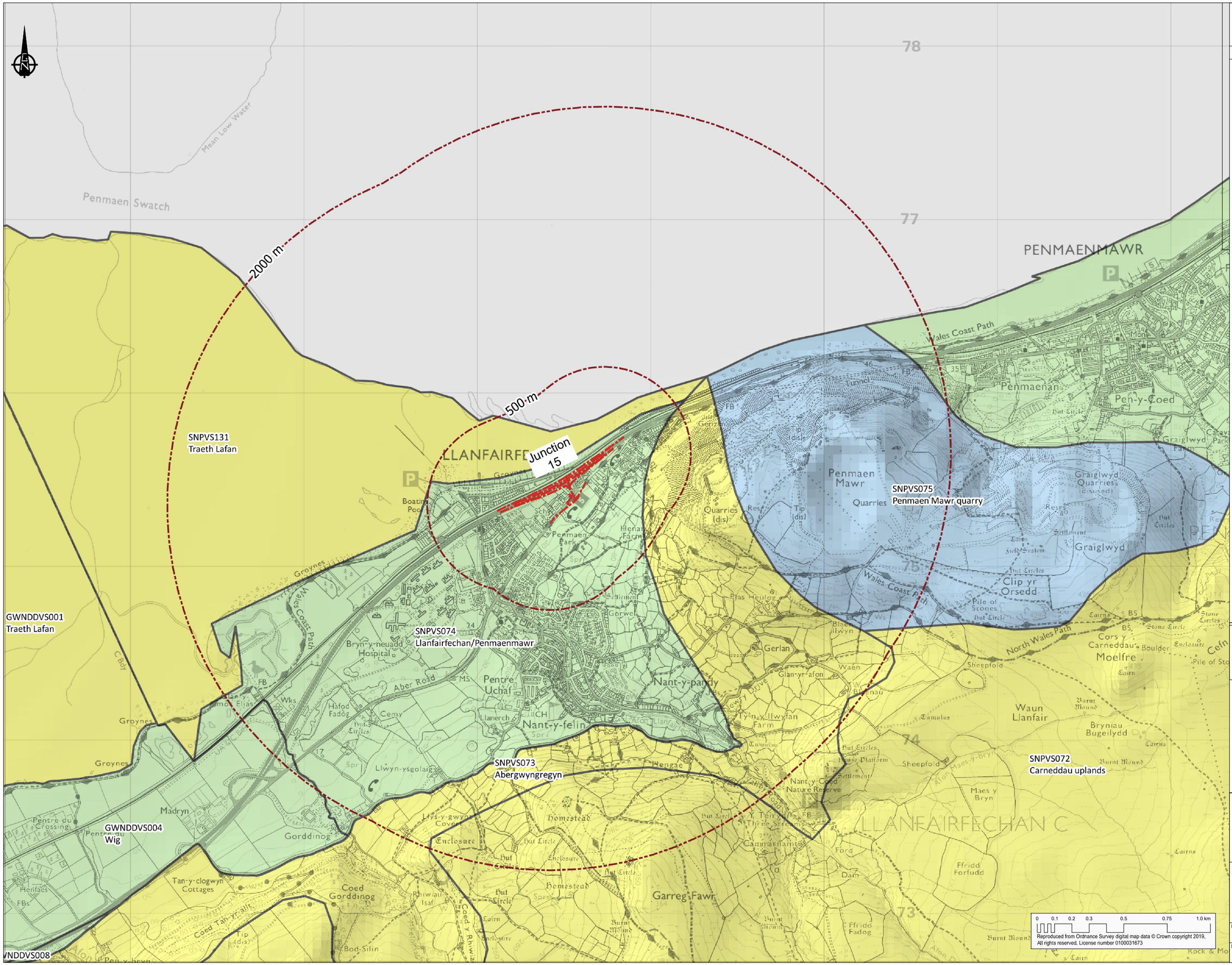
2000 m
500 m
Junction 15
SNPVS131
Traeth Lafan
GWNDDVS001
Traeth Lafan
SNPVS074
Llanfairfechan/Penmaenmawr
SNPVS073
Abergwyngregyn
GWNDDVS004
Wig
SNPVS075
Penmaen Mawr quarry
SNPVS072
Carneddau uplands
LLANFAIRFECHAN C
PENMAENMAWR
Penmaen Swatch
Mean Low Water
Wales Coast Path
North Wales Path
Penmaen Mawr
Quarries
Graiglwyd Quarries
Graiglwyd
Clip yr Orsedd
Penmaenan
Pen-y-Coed
Pentre Uchaf
Nant-y-felin
Nant-y-pandy
Bryn-y-neuadd Hospital
Waun Llanfair
Moelfre
Garreg Fawr
Coed Gorddinog
Gorddinog
Madryn
Tan-y-clogwyn Cottages
Nant-y-Coed Nature Reserve
Cammarnaint
Ffridd Forfudd
Ffridd Fadog
Sheepfold
Gerlan
Tyn-y-llwyfan Farm
Llwyn-ysgolaig
Hengae
Homestead
Enclosure
Hut Circle
Burnt Mound
Cairns
Tunnel
Groynes
Aber Road
Cemy
Hafod Fadog
Bryniau Bugeilydd
Cors y Carneddau
Maes y Bryn
Bod-Silin
Pen-y-bryn
Pentre-du Crossing
Henfaes
Coed Tan-yr-allt
Rhwiau Isaf
Coed y Rhwiau
Afon Llanfairfechan
Afon Maes-y-bryn
Afon Llanfairfechan
Afon Llanfairfechan
Afon Llanfairfechan

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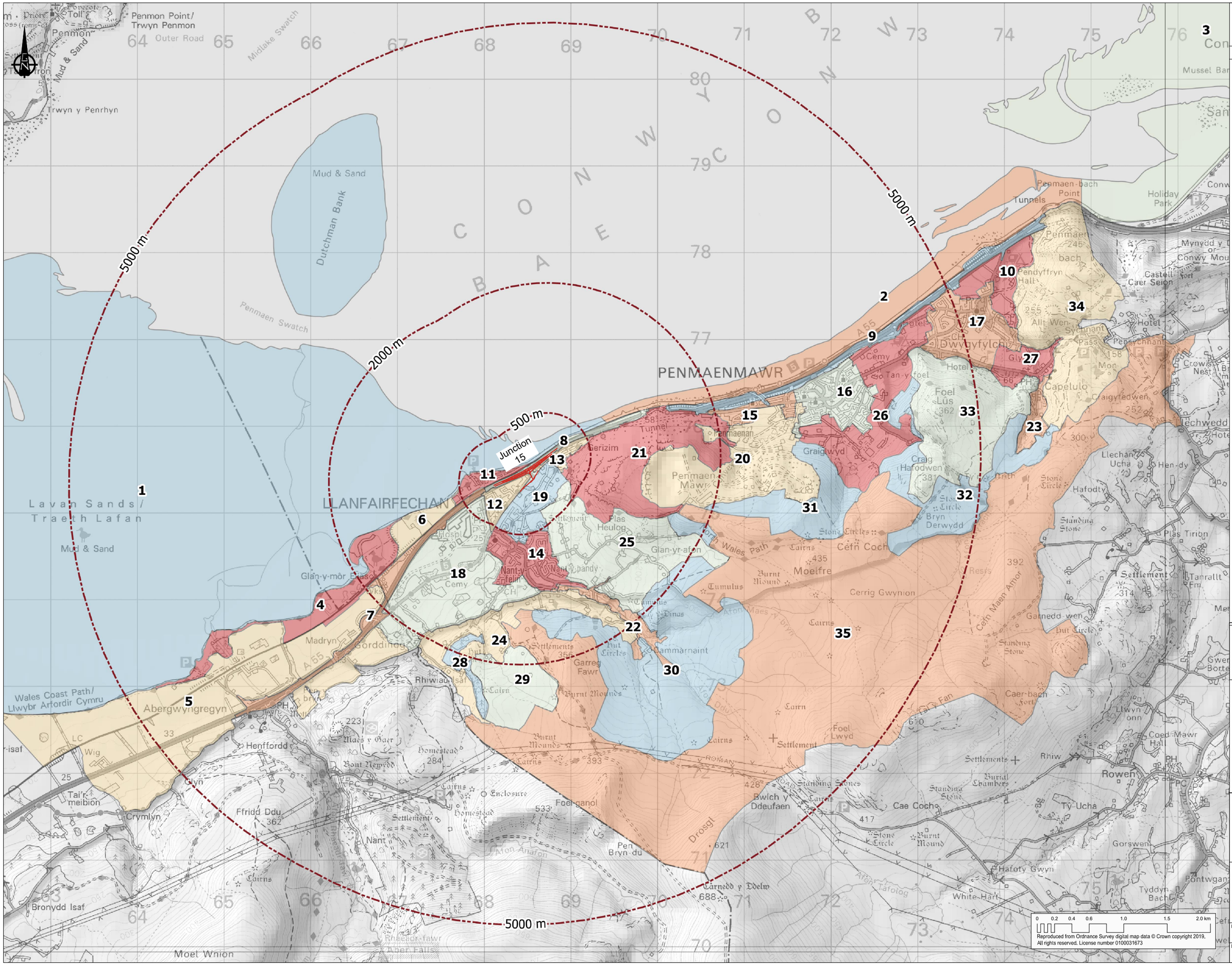

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Legend

- Scheme Study Area (2000m)
- Scheme Assessment Area (500m)
- Proposed Scheme Alignment

Landscape Character Areas

REF	NAME
1	Traeth Lafan and Dutchman Bank
2	Penmaenmawr beach
3	Conwy Estuary
4	Aber and Felin-fach Salt Marsh
5	Aber Farmland
6	Tyddyn-y-coed Mosaic
7	Abergwyngregyn to Llanfairfechan
8	Llanfairfechan to Pen-y-clip
9	Pen-y-clip to Penmaenbach
10	Pendyffryn Pasture and Parkland
11	Llanfairfechan Promenade
12	Llanfairfechan Centre
13	Llanfairfechan Drycin
14	Llanfairfechan Uchaf
15	Penmaenmawr Penmaenan
16	Penmaenmawr Pant-yr-afon
17	Dwygyfylchi
18	Llanfairfechan Parkland
19	Penmaen Park
20	Penmaenmawr Quarries (active)
21	Penmaenmawr Quarries (disused)
22	Y Teiryd Valley
23	Fairy Glen Valley
24	Nant-y-felin Pasture
25	Nant-y-pandy Pasture
26	Pant-yr-afon Pasture
27	Capelulo Pasture
28	Coed y Rhiwiau
29	Cae'r Haidd Mountain Pasture
30	Y Teiryd Mountain Pasture
31	Graig Lwyd Mountain Pasture
32	Maen Crwn Mountain Pasture
33	Foel Wen Moorland
34	Allt Wen Moorland
35	Upland moorland

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JUNCTION 15
FIGURE 9.7
LANDSCAPE CHARACTER AREAS CONTEXT OVERVIEW

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1620000620	1:40000	RhE	JUL 20

Drawing No: A55J15J16-RML-30-15-DR-X-0907
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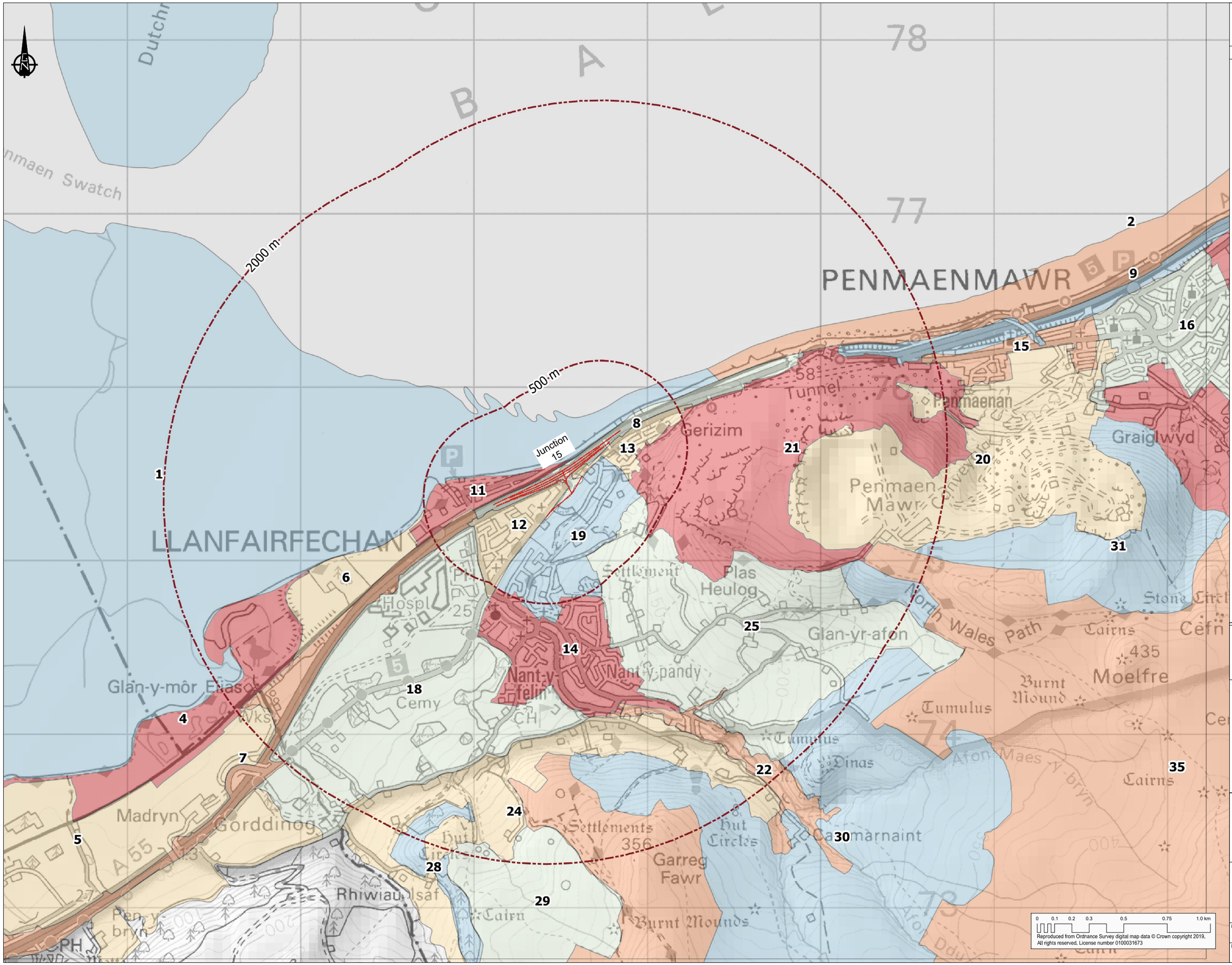

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Notes

Legend

- Scheme Study Area (2000m)
- Scheme Assessment Area (500m)
- Proposed Scheme Alignment

Landscape Character Areas

REF	NAME
1	Traeth Lafan and Dutchman Bank
2	Penmaenmawr beach
3	Conwy Estuary
4	Aber and Felin-fach Salt Marsh
5	Aber Farmland
6	Tyddyn-y-coed Mosaic
7	Abergwyngregyn to Llanfairfechan
8	Llanfairfechan to Pen-y-clip
9	Pen-y-clip to Penmaenbach
10	Pendyffryn Pasture and Parkland
11	Llanfairfechan Promenade
12	Llanfairfechan Centre
13	Llanfairfechan Drycin
14	Llanfairfechan Uchaf
15	Penmaenmawr Penmaenan
16	Penmaenmawr Pant-yr-afon
17	Dwygyfylchi
18	Llanfairfechan Parkland
19	Penmaen Park
20	Penmaenmawr Quarries (active)
21	Penmaenmawr Quarries (disused)
22	Y Teiryd Valley
23	Fairy Glen Valley
24	Nant-y-felin Pasture
25	Nant-y-pandy Pasture
26	Pant-yr-afon Pasture
27	Capelulo Pasture
28	Coed y Rhiwiau
29	Cae'r Haidd Mountain Pasture
30	Y Teiryd Mountain Pasture
31	Graig Lwyd Mountain Pasture
32	Maen Crwn Mountain Pasture
33	Foel Wen Moorland
34	Allt Wen Moorland
35	Upland moorland

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JUNCTION 15
FIGURE 9.8
LANDSCAPE CHARACTER AREAS
SHEET 1 OF 1

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1620000620	1:20000	RhE	JUL 20

Drawing No: A55J15J16-RML-30-15-DR-X-0908 Rev: 03

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Notes

Legend

- Scheme Assessment Area (500m)
- Proposed Scheme Alignment
- (X) Representative Viewpoint

Representative Viewpoints
A Llanfairfechan Promenade
B Llanfairfechan Beach
C Penmaenmawr Road Footbridge
D Penmaenmawr Road (East)
E Shore Road East
F Penmaenmawr Road (West)
G Penmaen Park
H Maes Dolfor
I Henar Farm
J Wern Isaf
K Garreg Fawr

N.B. Viewpoint K is approximately 0.5km to the south-southeast of Pentre Uchaf and not shown on this plan, please see Environmental Statement Chapter 9 for details.

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JUNCTION 15
FIGURE 9.9
REPRESENTATIVE VIEWPOINTS
SHEET 1 OF 1

Project No:	Scale (@A1):	Drawn:	Date:
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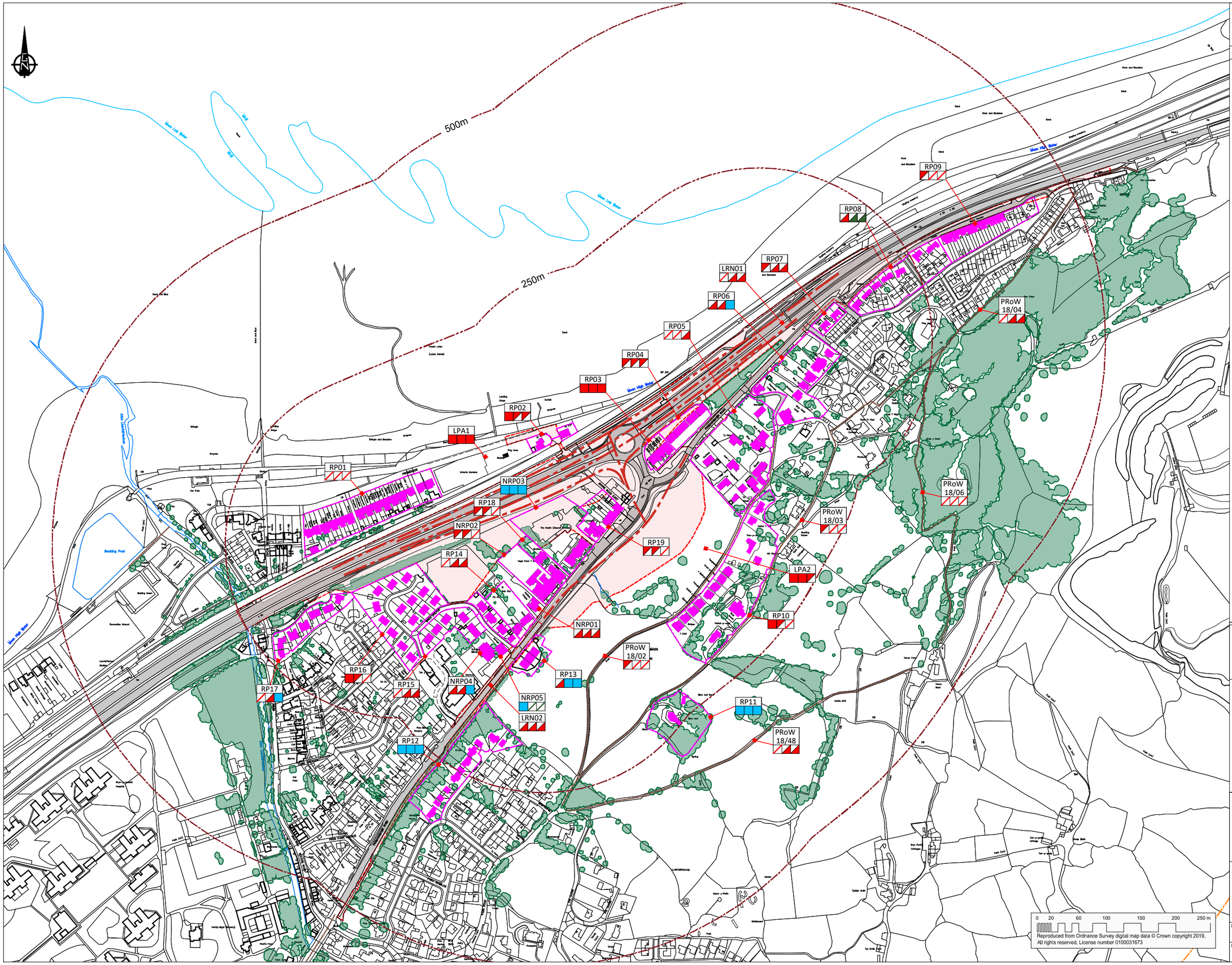

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Notes

Legend

- Scheme Assessment Area (500m)
- Proposed Scheme Alignment
- Proposed scheme extents
- Existing A55

Visual barriers

- Substantial vegetaion

Visual receptors

- Right of way (Footpath / Cycle-way)
- Receptor group (refer to Visual Effect Schedule)

Significance of visual effect

- Visual Effect Schedule reference
- Significance (Summer Year 15)
- Significance (Winter Year 0)
- Significance (during Construction)

VLA	Very large adverse
LA	Large adverse
MA	Moderate adverse
MA	Slight adverse
N	Neutral
SA	Slight beneficial
MB	Moderate beneficial
LB	Large beneficial
VLB	Very large beneficial

A55 JUNCTION 15 & 16 IMPROVEMENTS

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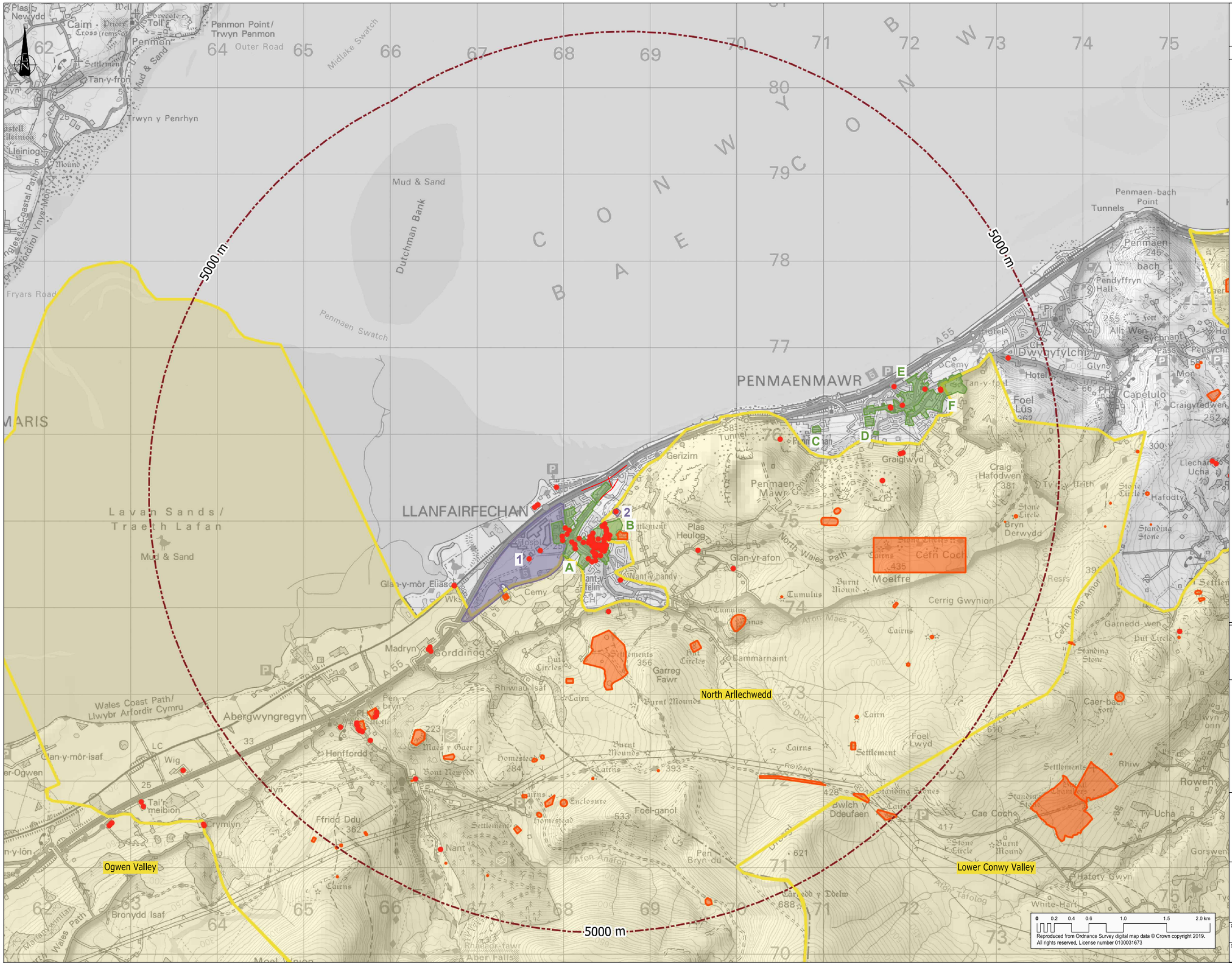
JUNCTION 15
FIGURE 9.10
VISUAL EFFECTS DRAWING
SHEET 1 OF 1

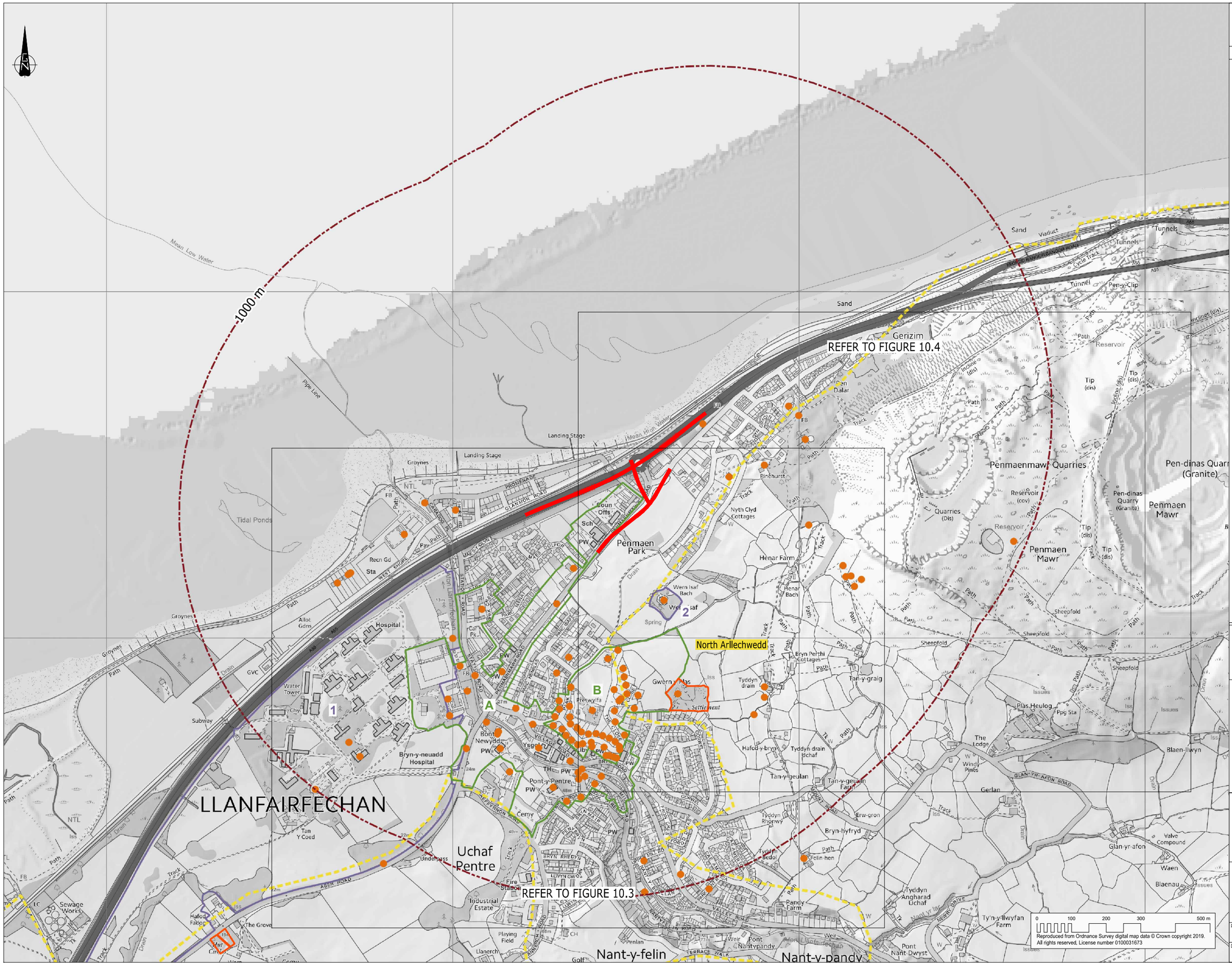
Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:5,000	RhE	JUL 20

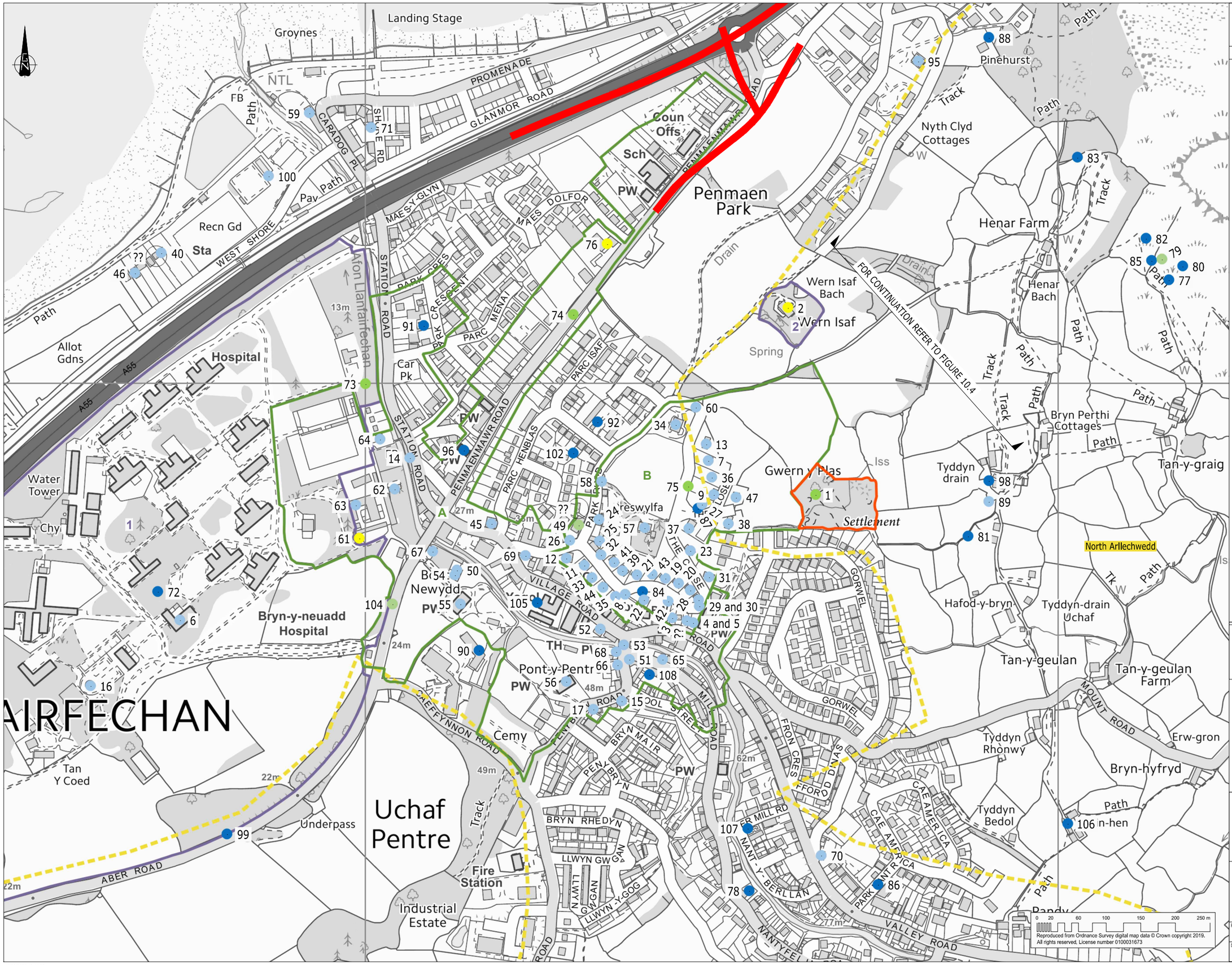
Drawing No:	Rev:
A55J15J16-RML-30-15-DR-X-0910	03

06/07/2020 15:18:05

ES Chapter 10 Figures	
10.1	Designated Sites of Historic Interest
10.2	Assets Overview
10.3	Assets (West)
10.4	Assets (East)


5000 m
5000 m
5000 m
PENMAENMAWR
LLANFAIRFECHAN
Lavan Sands/
Traeth Lafan
Mud & Sand
Dutchman Bank
Penmaen Swatch
Midlake Swatch
Penmon Point/
Trwyn Penmon
Outer Road
Trwyn y Penrhyn
Fryars Road
Wales Coast Path/
Llwybr Arfordir Cymru
Abergwyngregyn
Gorddinog
Madryn
Ogwen Valley
Lower Conwy Valley
North Arllechwedd
Penmaenmawr
Penmaen-bach
Point
Tunnels
Penmaen-bach
Gerizim
Graigiwyd
Penmaen Mawr
Plas Heulog
Glan-yr-afon
Moelfre
Cefn Coch
Cerrig Gwynion
Cammarnaint
Garreg Fawr
Craig Hafodwen
Bryn Derwydd
Hafodty
Llechan Ucha
Capelulo
Craigyfedwen
Dwygyfylchi
Pendyffryn Hall
Alli Wen
Sychnant Pass
Foel Lús
Foel Lwyd
Foel-ganol
Bwlch y Ddeufaen
Cae Cocha
Ty Ucha
Rowen
Gorswen
Caer-bach Fort
Garnedd-wen
Hut Circle
Standing Stone
Stone Circle
Cairns
Burnt Mound
Settlement
Hut Circles
Settlements
Homestead
Enclosure
Roman
Tai'r meibion
Crymlyn
Henffordd
Ffridd Ddu
Bronydd Isaf
Glan-y-môr Eliaso
Cemy
Nant y pandy
Nant-y-felin
Hospl
Tan-y-fron
Penmon
Caim
Llaniog
Mound
Settlement
Mud & Sand
Tan-y-foel
Tunnel
Afon Anafon
Afon Maes y bryn
Afon Ddu
Afon Tafolog
Afon Lafan
Rhiw
White-Hart
Aber Falls
Rhaeadr-fawr
Llwybr Arfordir Ynys Môn
Anglesey Coastal Path
Llwybr Arfordir Cymru
North Wales Path
Cefn Maen Amor
Llwyn onn
Ty Hafoty Gwyn
Hafodty Gwyn
Pen Bryn-du
Carreg Edd y Ddelw
Rhiw-isaf
Pen-y-bryn
Maes y Gaer
Bont Newydd
Tai'r meibion
Glan-y-môr-isaf
Wig
Ty-Ucha
Hotel
Cemy
Hospl
Settlement
Tunnel
Cairns
Cairn
Burnt Mounds
Homestead
Enclosure
Stone Circle
Standing Stones
Hut Circles
Settlements
Roman
Mud & Sand
Mud & Sand
Mud & Sand


1000 m
REFER TO FIGURE 10.4
REFER TO FIGURE 10.3
LLANFAIRFECHAN
Uchaf Pentre
Nant-y-felin
Nant-y-pandy
North Arllechwedd
Penmaen Park
Penmaenmawr Quarries
Pen-dinas Quarry (Granite)
Penmaen Mawr
Gerizim
Bryn-y-neuadd Hospital
Hospital
Tidal Ponds
Mean Low Water
Mean High Water
Pipe Line
Landing Stage
Groynes
Sand
Viaduct
Tunnels
Cycle Track
Tunnel
Pen-y-Clip
Reservoir
Tip (dis)
Quarries (Dis)
Sheepfold
Plas Heulog
Ppg Sta
Blaen-llwyn
Glan-yr-afon
Valve Compound
Waen
Blaenau
Gerlan
Tyn-y-llwyfan Farm
Pont Nant-Dwyst
Pandy Farm
Tyddyn Angharad Uchaf
Bryn-hyfryd
Erw-gron
Tyddyn Rhonwy
Tan-y-geulan
Tan-y-geulan Farm
Hafod-y-bryn
Tyddyn drain Uchaf
Tyddyn drain
Tan-y-graig
Bryn Perthi Cottages
Henar Farm
Henar Bach
Nyth Clyd Cottages
Pinehurst
Wern Isaf Bach
Wern Isaf
Gwern Plas
Settlement
Bont Newydd
Pont-y-Pentre
Cemy
Tan Y Coed
Industrial Estate
Fire Station
Playing Field
Sewage Works
Hafod Fadog
The Grove
Underpass
Subway
Water Tower
Allot Gdns
Recn Gd
Sta
Coun Offs
Sch
Pen Dalar
Tyddyn Bedo
Felin-hen
Pont Nantypandy
Weir
Penlan
Llanerch
Golf
Pen-y-Bryn
Preswylfa
Ysgol
Llwyn Gwo
Bryn Aneddy
Bryn Eithin
Bryn Hafod
Bryn Pydar
Bryn Rhedyn
Bryn Tirion
Bryn Tyddyn
Bryn Y Ffynnon
Bryn Y Pwll
Bryn Y Wern
Bryn Y Wyn
Bryn Y Ysgol
Bryn Y Zion
Bryn Y Zion Ucha
Bryn Y Zion Isa
Bryn Y Zion Ucha
Bryn Y Zion Isa
Bryn Y Zion Ucha
Bryn Y Zion Isa



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Notes

Legend

- Carriageway Alignment
- Scheduled Ancient Monument
- Conservation Area
  - A. Llanfairfechan Town Centre
  - B. The Close
- Registered Historic Park and Garden
  - 1. Bryn-y-Neuadd
  - 2. Wern Isaf (Rosebriars)
- Registered Historic Landscape in Wales

Assets

Significance of Effect

- Neutral
- Neutral / Slight
- Slight
- Slight / Moderate
- Moderate
- Moderate / Large
- Large
- Large / Very Large
- Very Large
- Unknown

Asset reference number corresponds with Junction 15 Appendix 10.6 table

A55 JUNCTION 15 & 16 IMPROVEMENTS

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JUNCTION 15
FIGURE 10.3
ASSETS
SHEET 1 OF 2

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Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:5000	RhE	FEB 20

Drawing No:	Rev:
A55J15J16-RML-30-15-DR-X-1003	02

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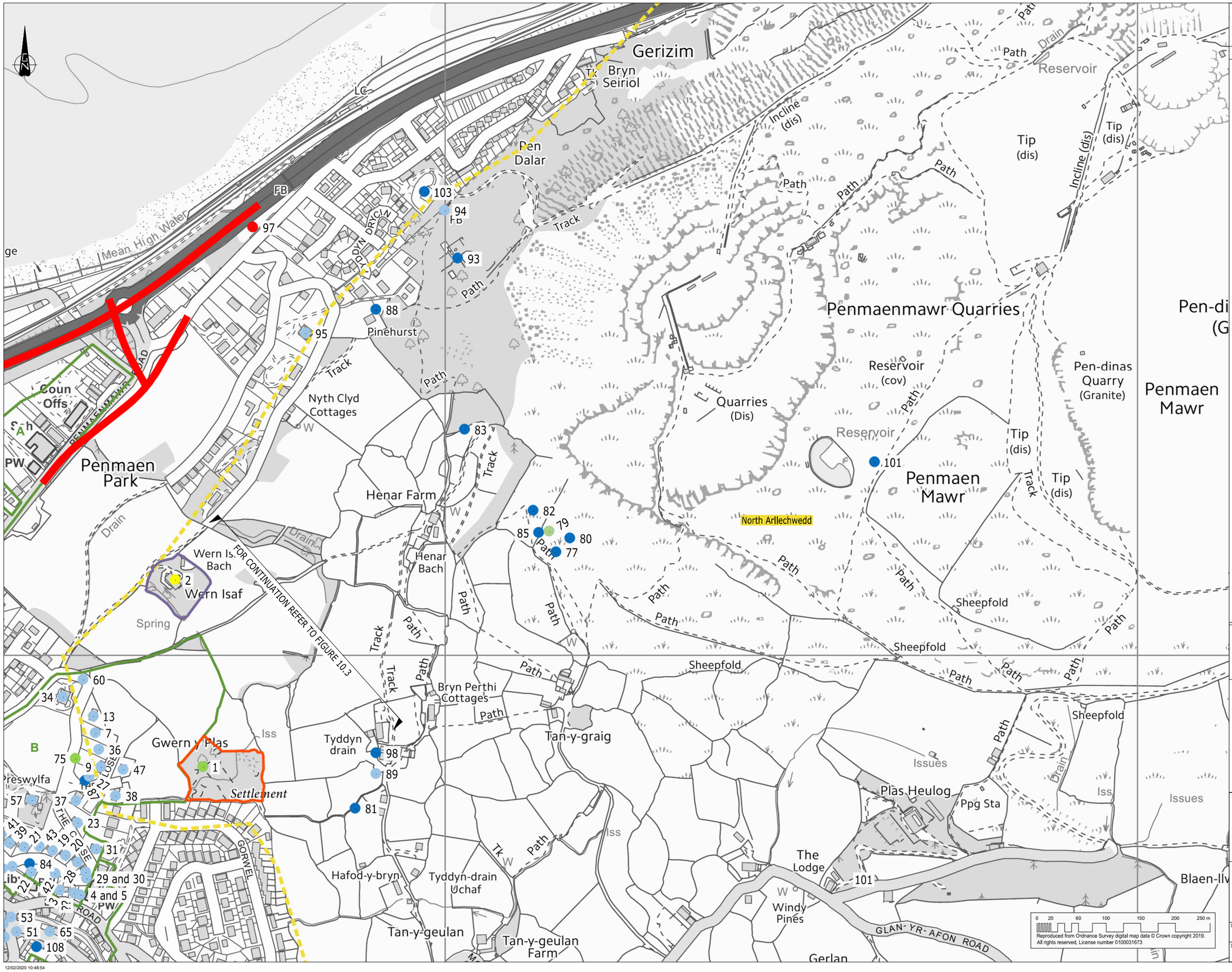

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Notes

Legend

- Carriageway Alignment
- Scheduled Ancient Monument
- Conservation Area
  - A. Llanfairfechan Town Centre
  - B. The Close
- Registered Historic Park and Garden
  - 1. Bryn-y-Neuadd
  - 2. Wern Isaf (Rosebriars)
- Registered Historic Landscape in Wales

Assets

Significance of Effect

- Neutral
- Neutral / Slight
- Slight
- Slight / Moderate
- Moderate
- Moderate / Large
- Large
- Large / Very Large
- Very Large
- Unknown

Asset reference number corresponds with Junction 15 Appendix 10.6 table

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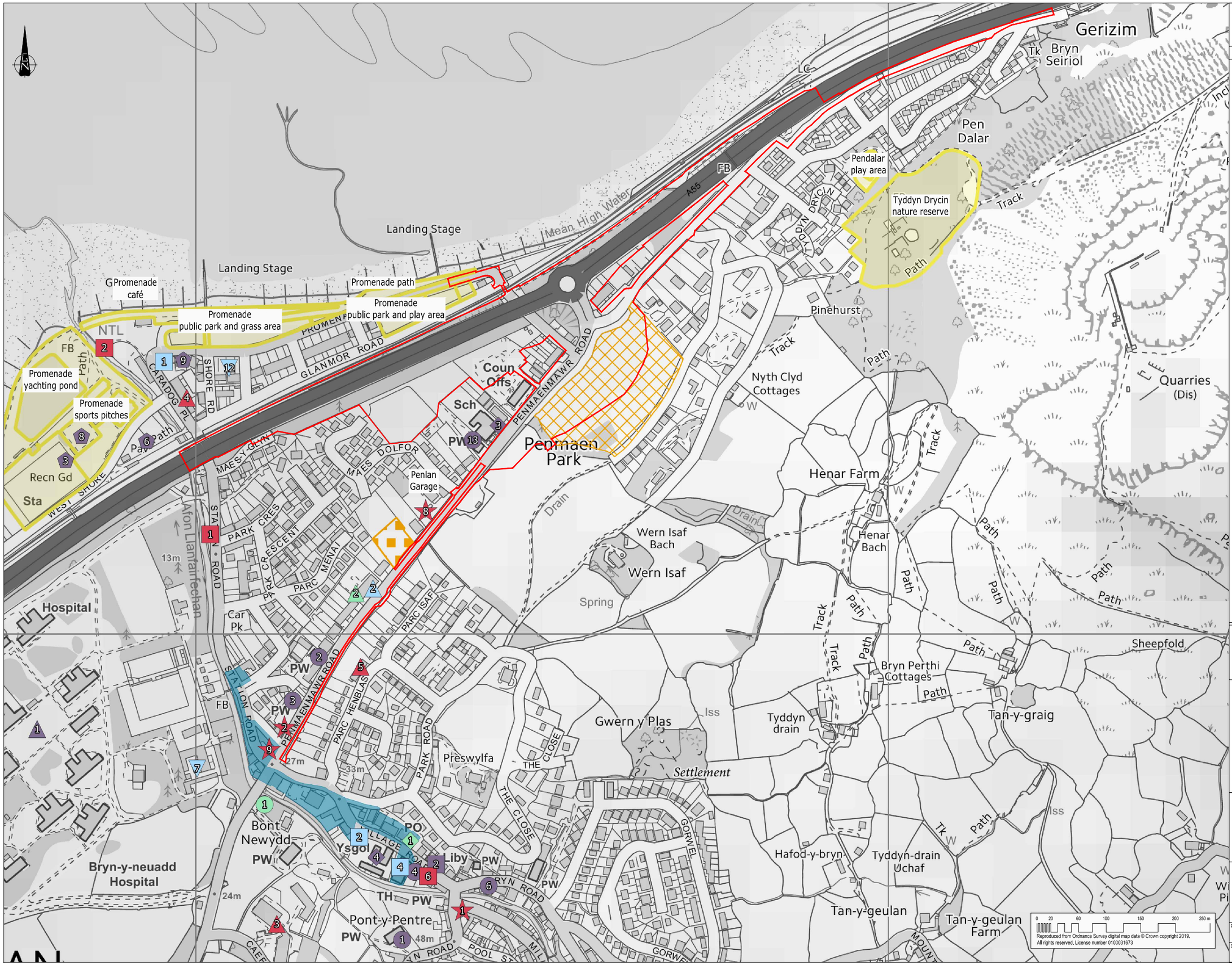
JUNCTION 15
FIGURE 10.4
ASSETS
SHEET 2 OF 2

Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:5000	RhE	FEB 20

Drawing No:	Rev:
A55J15J16-RML-30-15-DR-X-1004	02

12/02/2020 10:48:54

ES Chapter 11 Figures	
11.1	Community and Private Assets



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Notes

Key

Chapter 11 Study Area
The Scheme

Community Assets

- Community Rooms, Centres and Buildings
- Libraries
- Museums and Galleries
- Public Toilets
- Schools
- Allotments
- Sports Facilities and Pitches
- Ambulance Station
- Fire Station
- Doctors and Surgeries
- Hospitals
- Pharmacists and Chemists
- Residential Care, Sheltered Accommodation, Aged People's Homes
- Post Offices
- Graveyards and Cemeteries
- Places of Worship
- War Memorials
- Leisure and Tourism
- Public Houses and Hotels
- Public Open Space*1

*1. based on Conwy County Borough Council Planning Services details, up to 11 February 2020

Conwy CBC Local Development Plan 2007-2022 Land Allocation

- Employment Allocation
- Employment Contingency
- Housing Allocation (now developed)
- Housing Contingency
- Shopping Zone

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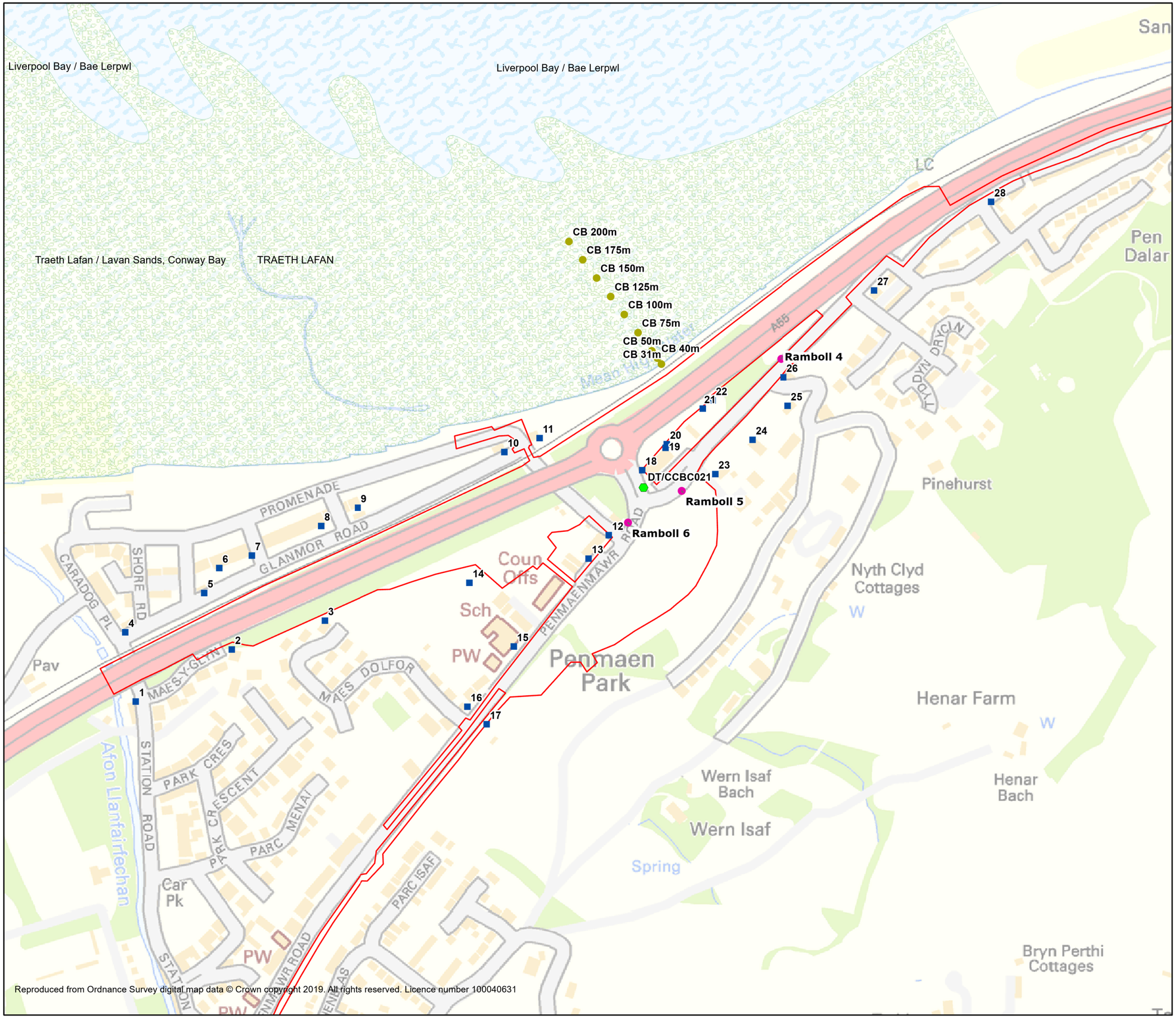
JUNCTION 15
COMMUNITY AND PRIVATE ASSETS
COMMUNITY ASSETS
FIGURE 11.1

Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:5000	RhE	FEB 20

Drawing No:	Rev:
A55J15J16-RML-30-15-DR-X-1101	03

25/02/2020 17:10:11

ES Chapter 12 Figures	
12.1	Air Quality Receptor and Monitoring Locations
12.2	Junction 16 Air Quality Annual Mean Nitrogen Dioxide Contour
12.3	Junction 16 Air Quality Annual Mean PM10 Contour



- J15 Scheme Boundary
- SPA
- SSSI
- Human Health Receptors
- Ecological Receptors
- Ramboll Diffusion Tubes
- CCC Monitoring

N

Figure Title
J15 Air Quality Receptor and Monitoring Locations

Project Name
A55 Junctions 15 Improvements

Project Number	Figure No.
162000620	12.1
Date	**Prepared By**
October 2019	AG
Scale	**Issue**
1:4,000 @A3	1

Client
Welsh Assembly Government

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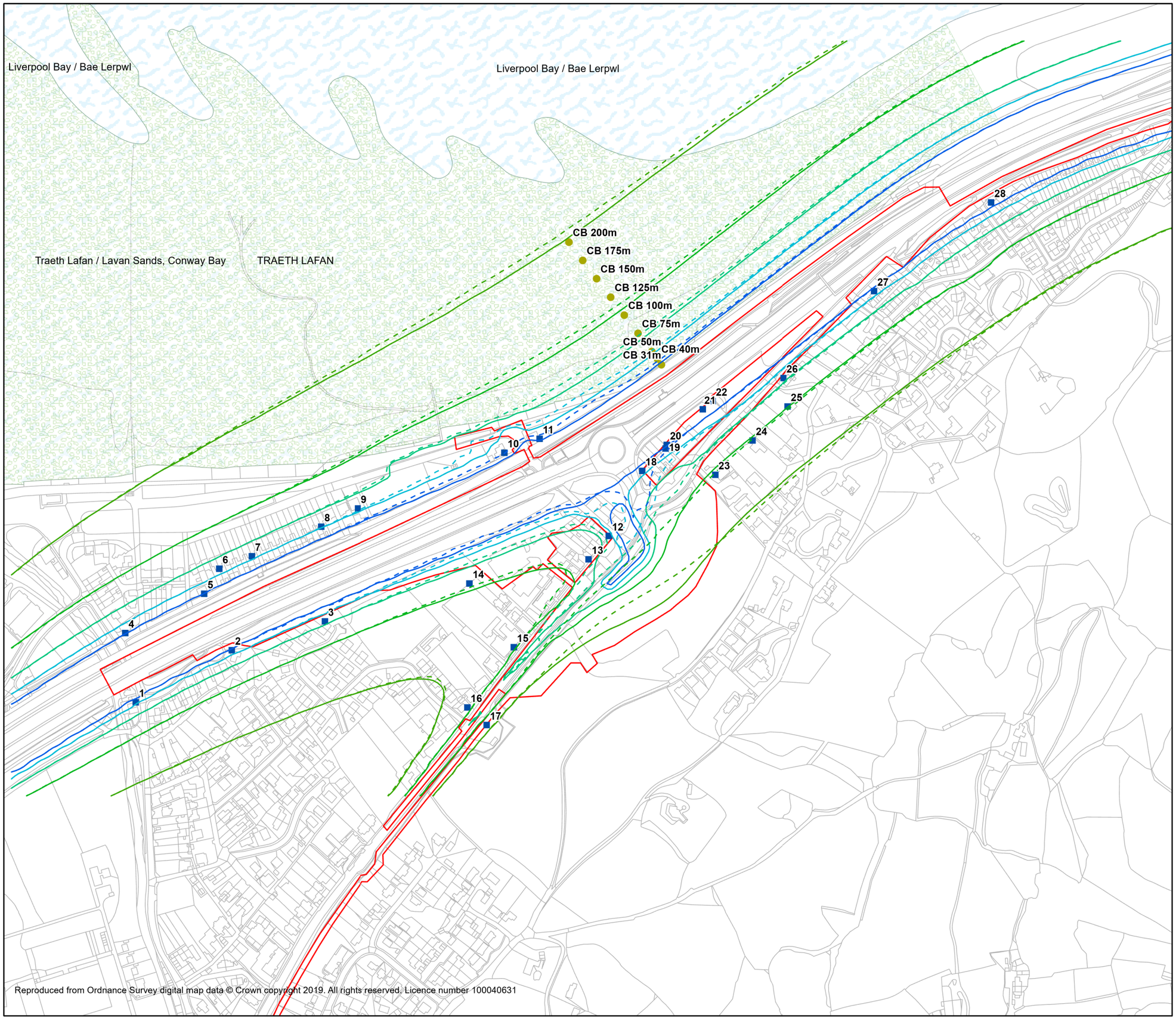

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J15 Scheme Boundary
SPA
SSSI
Human Health Receptors
Ecological Receptors

J15 NO_2 'Do Minimum'
- 8
- 9
- 10
- 11
- 12

J15 NO_2 'Do Something'
- 8
- 9
- 10
- 11
- 12

N

Figure Title
J15 Air Quality Annual Mean NO_2 Contour (µg/m^3)

Project Name
A55 Junctions 15 Improvements

Project Number	Figure No.
162000620	12.2
Date	**Prepared By**
October 2019	AG
Scale	**Issue**
1:4,000 @A3	1

Client
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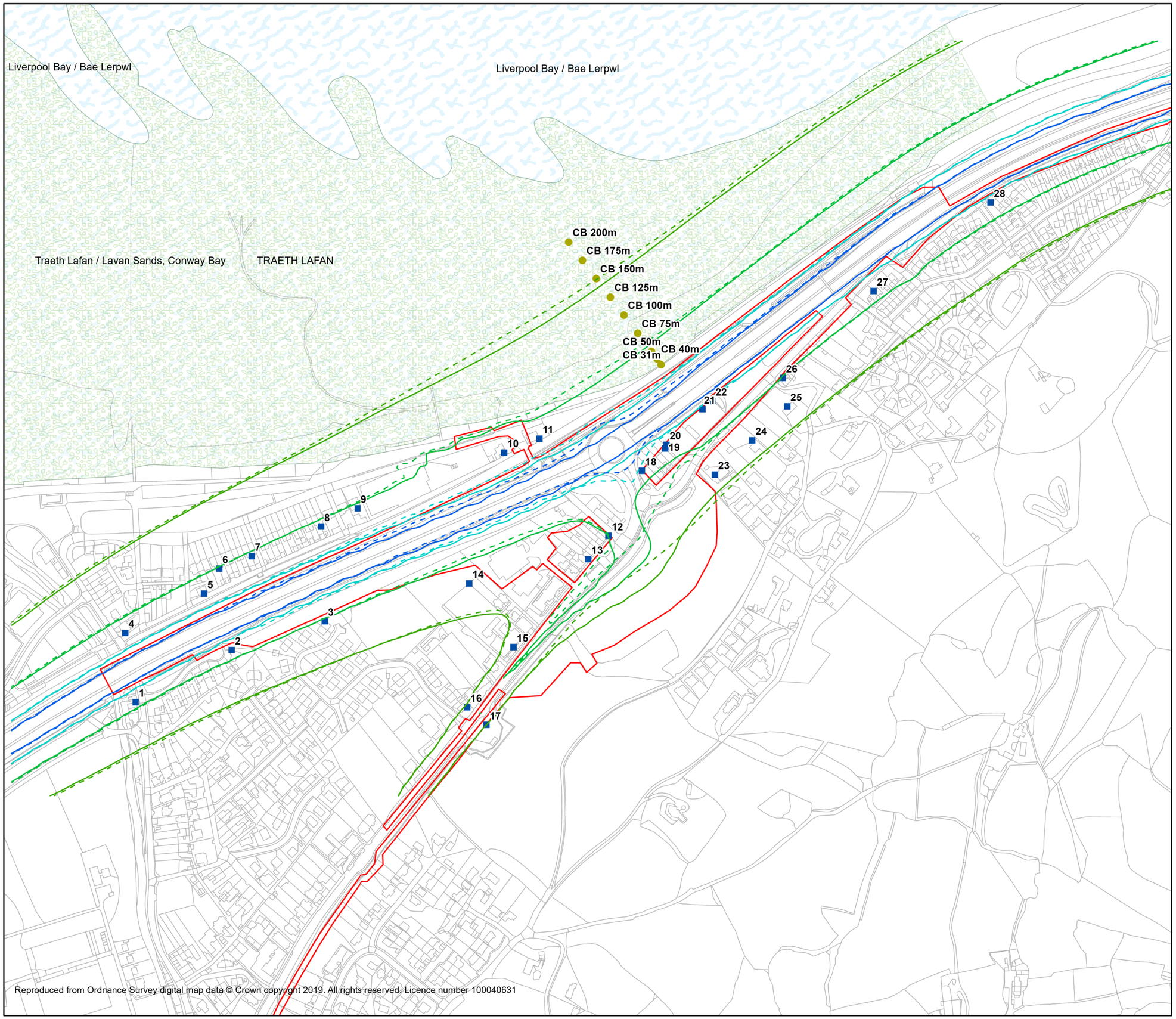

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J15 Scheme Boundary
SPA
SSSI
Human Health Receptors
Ecological Receptors

J15 PM_{10} 'Do Minimum'
- 7.6
- 8
- 9
- 10

J15 PM_{10} 'Do Something'
- 7.6
- 8
- 9
- 10

N

Figure Title
J15 Air Quality Annual Mean PM_{10} Contour ($\mu g/m^3$)

Project Name
A55 Junctions 15 Improvements

Project Number	Figure No.
162000620	12.3
Date	**Prepared By**
October 2019	AG
Scale	**Issue**
1:4,000 @A3	1

Client
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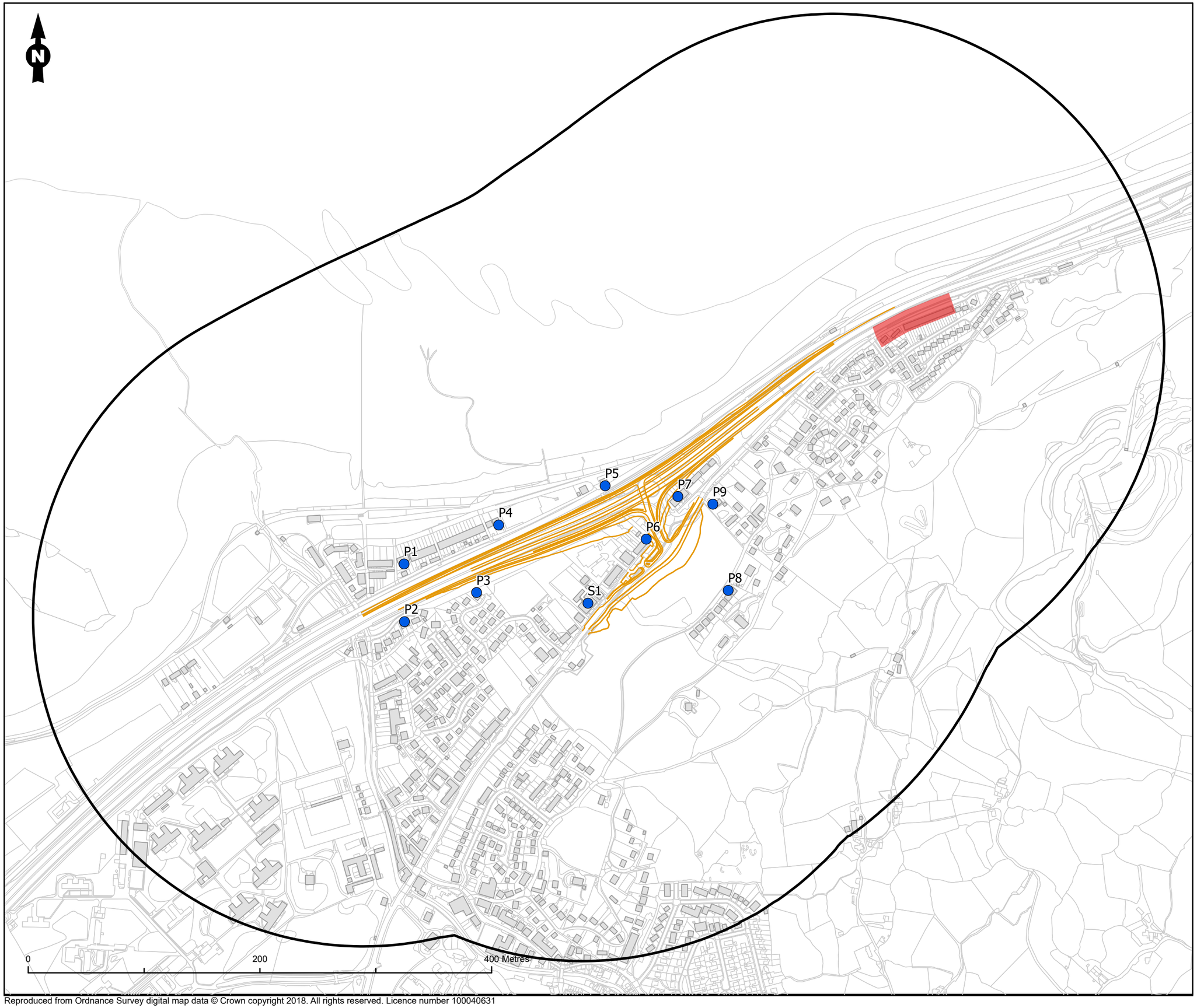
ES Chapter 13 Figures	
13.1	Study Area
13.2	Baseline Noise Monitoring Locations
13.3	Noise Level Difference at 4m Height Without Mitigation
13.4	Noise Level Difference at 4m Height With Mitigation
13.5	Baseline Traffic
13.6	Proposed traffic



Legend

- Calculation Area
- Proposed scheme
- Construction NSRs
- Assessed buildings
- Priority Area

Figure Title Study area	
Project Name A55 Junction 15 Scheme	
Project Number 1620004796-010	Figure No. 13.1
Date October 2019	Prepared By LJ
Scale 1:6,500 @A3	Issue 1
Client **Welsh Government**	

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Legend

- Baseline monitoring
- Assessed buildings
- Calculation Area

Figure Title Baseline noise monitoring locations	
Project Name A55 Junction 15 Scheme	
Project Number 1620004796-010	Figure No. 13.2
Date October 2019	Prepared By LJ
Scale 1:6,500 @A3	Issue 1
Client **Welsh Government**	

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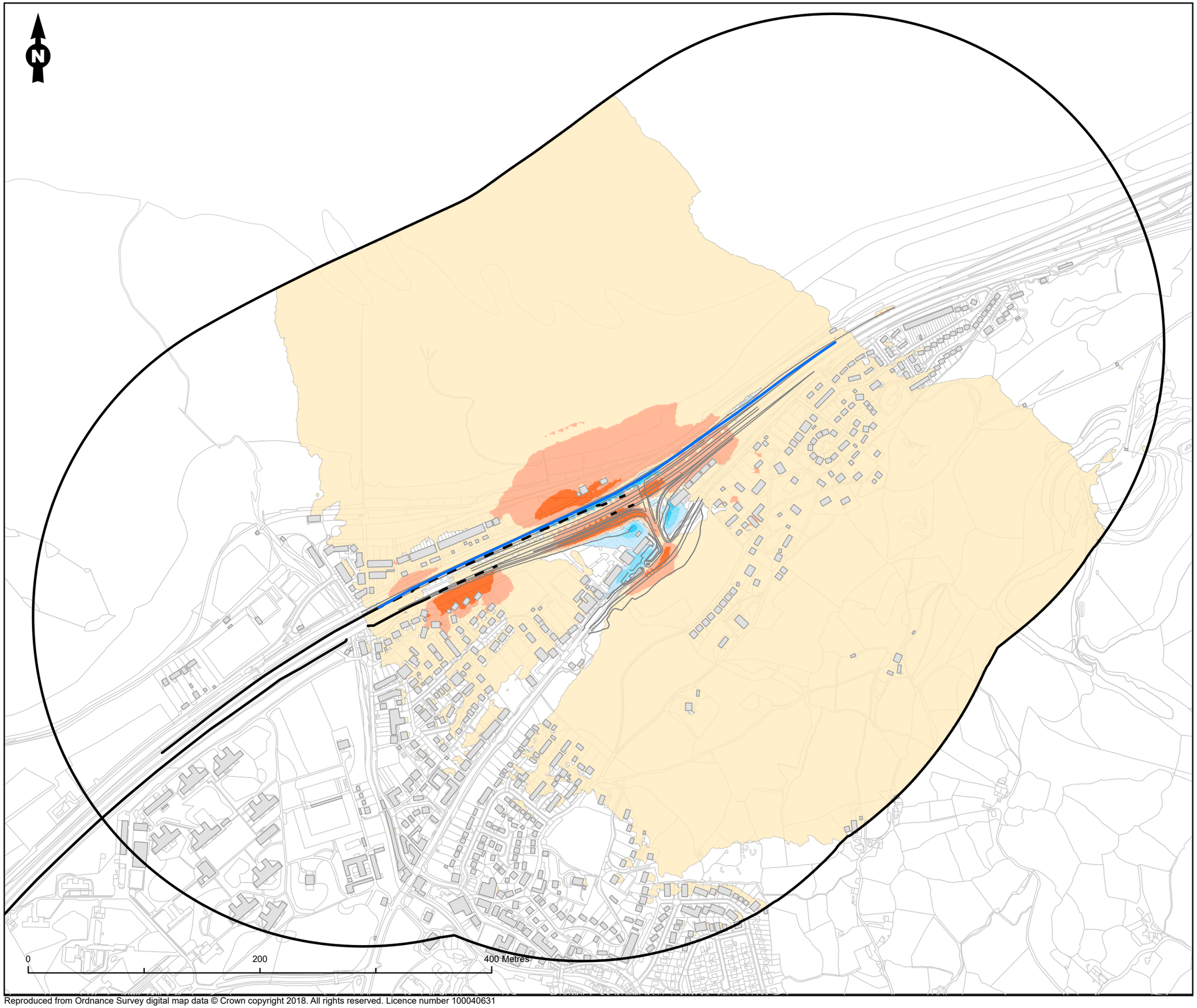

Legend

- Calculation Area
- Assessed buildings
- Proposed scheme
- Barrier existing - retained
- Barrier existing - removed
- Parapet 140cm

Noise level change

dB

- < -5
- -3 to -5
- -1 to -3
- -1 to +1
- +1 to +3
- +3 to +5
- > +5

Figure Title Noise level difference at 4m height without mitigation	
Project Name A55 Junction 15 Scheme	
Project Number 1620004796-010	Figure No. 13.3
Date October 2019	Prepared By LJ
Scale 1:6,500 @A3	Issue 1
Client **Welsh Government**	

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Legend

- Calculation Area
- Proposed Scheme
- Assessed buildings
- Barrier existing - retained
- Solid parapet 140cm
- Solid parapet 240cm
- Permanent noise barriers

Noise level change dB

- < -5
- -3 to -5
- -1 to -3
- -1 to +1
- +1 to +3
- +3 to +5
- > 5

Figure Title

Noise Level difference at 4m height with mitigation

Project Name

A55 Junction 15 Scheme

Project Number	Figure No.
1620004796-013	13.4
Date	**Prepared By**
June 2020	MB
Scale	**Issue**
1:6,750 @A3	1

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Welsh Government

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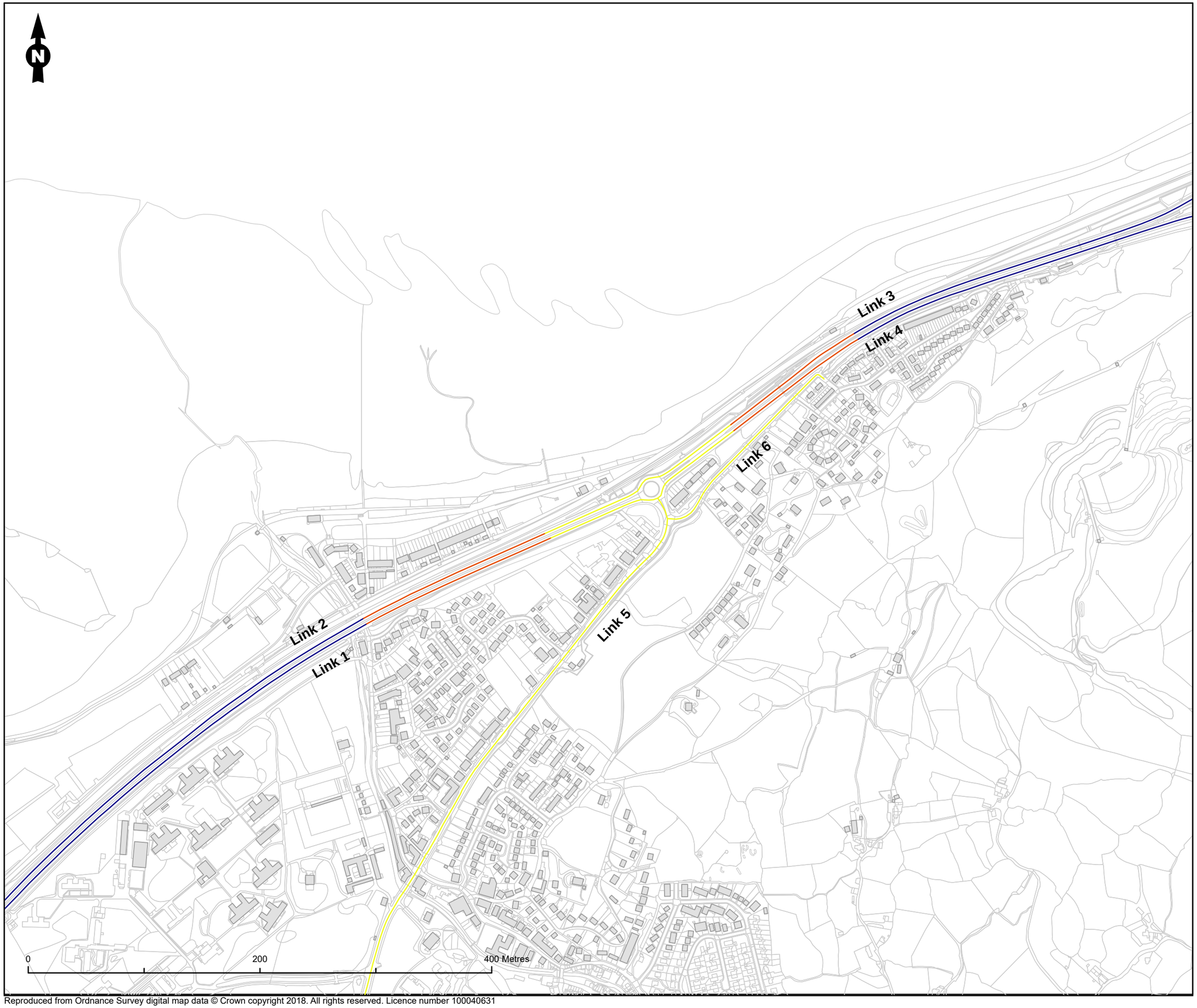

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Legend

traffic speed [km/h]

- < 50
- 50 - 60
- 60 - 70
- 70 - 80
- 80 - 90
- > 90

Figure Title Baseline traffic	
Project Name A55 Junction 15 Scheme	
Project Number 1620004796-010	Figure No. 13.5
Date October 2019	Prepared By LJ
Scale 1:6,500 @A3	Issue 1
Client **Welsh Government**	

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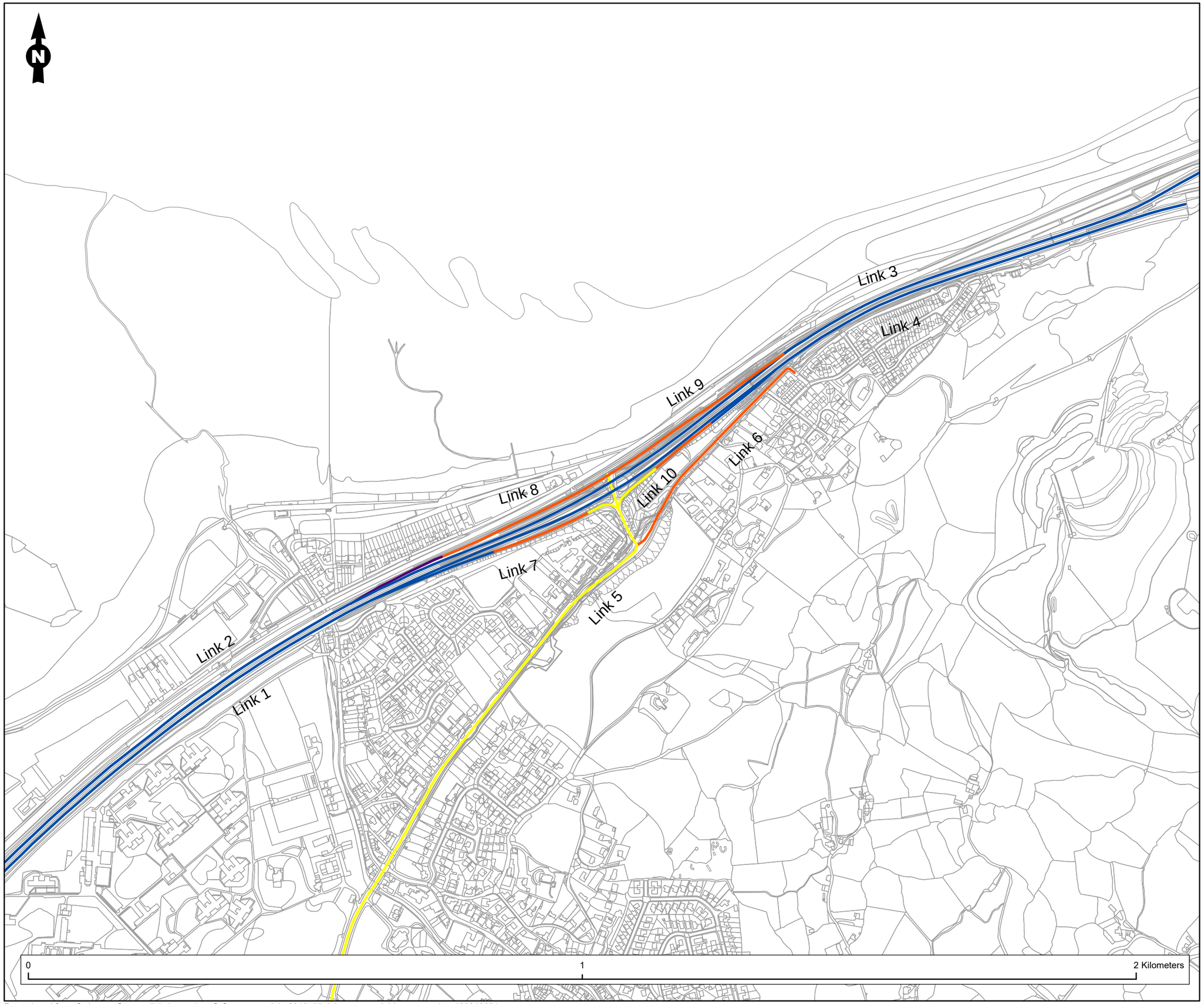

Legend

Traffic Speed (km/h)

- <50
- 50 - 60
- 60 - 70
- 70 - 80
- 80 - 90
- > 90

Figure Title

Proposed traffic

Project Name

A55 Junction 15 Scheme

Project Number	Figure No.
1620004796-013	13.6
Date	**Prepared By**
June 2020	MB
Scale	**Issue**
1:6,500 @A3	1

Client

Welsh Government

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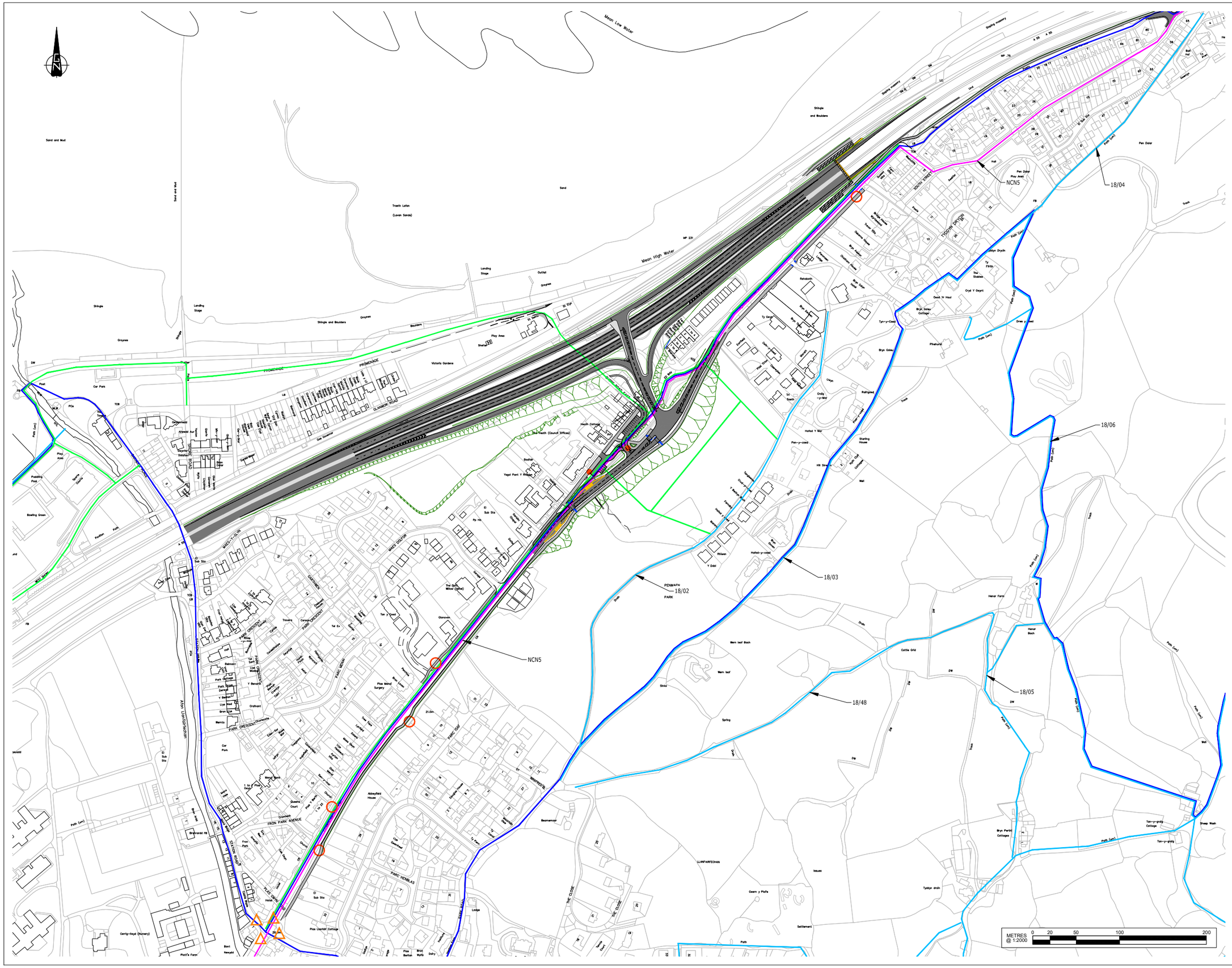
ES Chapter 14 Figures	
14.1	Proposed Layout Showing Existing NMU Routes
14.2	Pedestrian and Cyclist Survey Locations
14.3	Trip Generators
14.4	Active Travel Routes
14.5	NMU Mini Schemes


Mean Low Water
Mean High Water
Sand and Mud
Shingle and Boulders
Sand
Tywyn Lafan
(Lavan Sands)
Shingle
Groynes
Landing Stage
Outfall
Boulders
Slaping masonry
PROMENADE
GLANNOR ROAD
Victoria Gardens
Car Parks
Play Area
Bowling Green
Paddling Pool
Sports Courts
Aber Llanfairfechan
MAES COLCOR
GARTHMEL
PARK CRESCENT
PARK GROVE
PARK DRIVE
PARK OAK
PARK HEMBLAS
FRON PARK AVENUE
STATION ROAD
PLAS GWYN
WINSFORD RD
THE CLOSE
LLANFAIRFECHAN
Penmaenmawr Station
Health Centre
Yegal Pant Y Ffynon
Bryn Celyn
Bryn Gwyn
Bryn Golau
Bryn Golau Cottages
Pen Dinas
Pen Dinas Play Area
Henor Farm
Henor Beach
Warm leaf Beach
Warm leaf
Cattle Grid
Spring
Sinks
Ditch
Dyke
Tyddyn drain
Gwern y Plefs
Settlement
Path
Issues
Beaumaenor
Abbeyfield House
Queens Court
Pine Park
Pine Llanfair Cottage
Plas Berllan
Bryn Parfel Cottages
Tan-y-graig Cottage
Sheep Wash
Camp-Bayat (Nursery)
Plas's Farm
Bont Newydd
Aber Lanfairfechan
Bridge Road
Bridge Road Mansions
Tower Villa
Gwynfa House
Bryn Aber
Cottage House
Bryn Carr House
Rehoboth
Ty Gwyn
Bryn Celyn
Eastfield
Cae-r-Ysgol
New Hall
Cae-r-Ysgol
Mount
Llwyn
Craig-y-Mor
Ty Gwyn
Railsgoed
Pen-y-coed
Hafod Y Mor
Pen-y-coed
Starling House
Hill View
Hafod-y-coed
Rhiwen
Y Dair
Wal
Dulas
Cottages
Ty Ffrith
The Stables
Cryd Y Gwynt
Dead 'N Heal
Tyn-y-coed
Pinhurst
Drws y Nant
Hafod Y Llwyn
Ty Ffrith
Pen Dinas
Path (um)
Track
Wall
Ditch
Dry
Stile
Gate
Cattle Grid
Sub Sta
Pp Ho
Lodge
Gwynfa
Tan Y Coed
Tal Ex
Trevaro
Cottage
Cae Mawr
Cae Mawr Cottage
Y Bwthyn
Cae Mawr Cottage
Cae Mawr
Bryn Llan
Bryn Llan Cottage
Y Bwthyn
Y Bwthyn
Y Bwthyn
Cae Mawr
Cae Mawr Cottage
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Cae Mawr
Cae Mawr Cottage

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KEY

PEDESTRIANS/CYCLISTS

Rev	Description	Date	By / Chk	App
P02	MINOR AMENDMENTS	10/10 2019	JW / NE	NE
P01	FOR INFORMATION	09/10 2018	JW / NE	NE

FOR INFORMATION

A55 JUNCTION 15 & 16 IMPROVEMENTS

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Welsh Government

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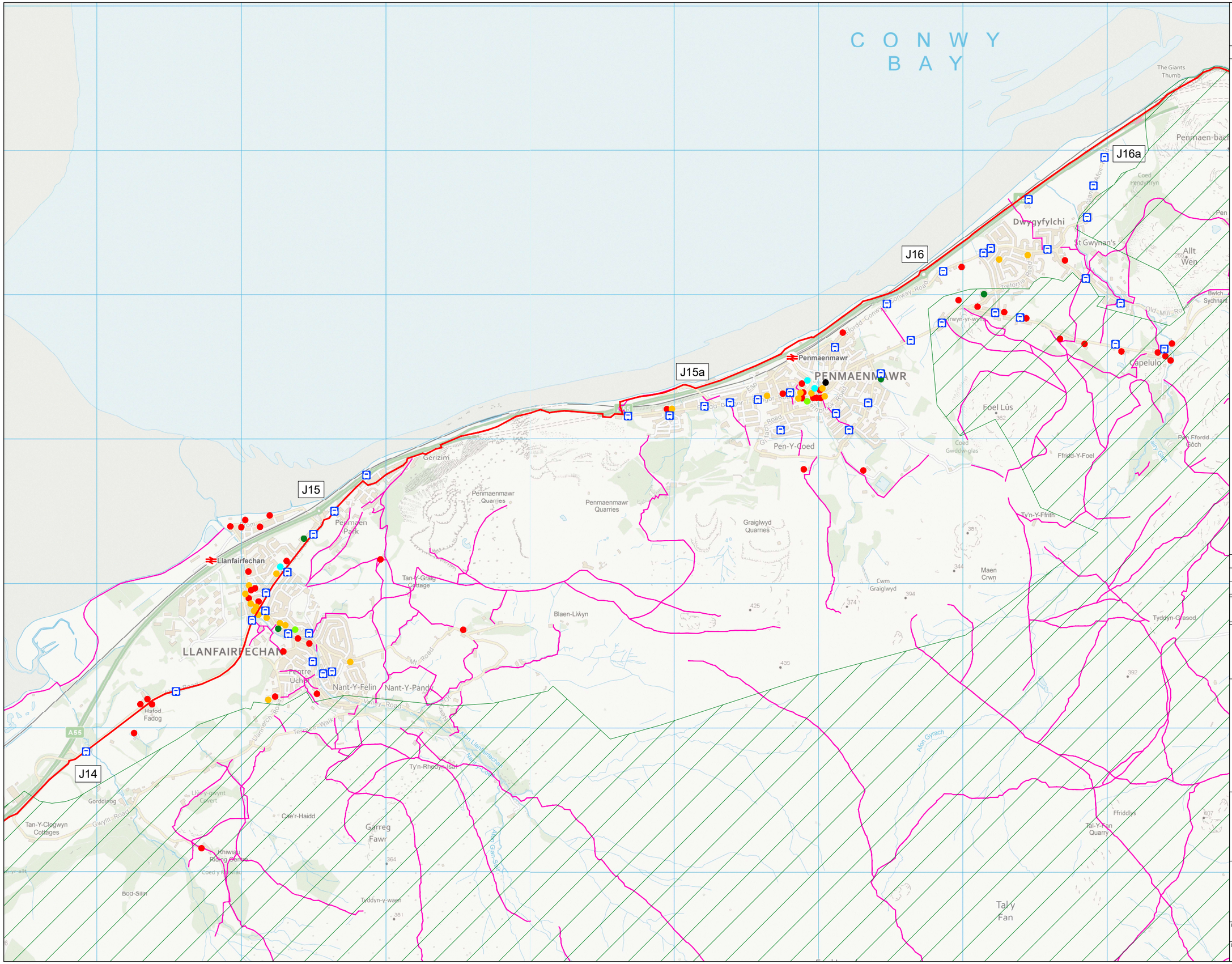
PEDESTRIANS & CYCLISTS SURVEY LOCATIONS 1-5

Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:3000	JW	DEC 18

Drawing No:	Rev:
RAM-ZZ-ZZ-SK-J-3003	P02

10/10/2019 15:42:48



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KEY

- PUBLIC RIGHTS OF WAY
- RESTAURANTS, PUBS AND HOTELS
- RETAIL UNITS
- SCHOOLS
- SNOWDONIA NATIONAL PARK
- NCN ROUTE 5
- TRAIN STATIONS
- HEALTH FACILITIES
- BUS STOPS
- LIBRARY
- COUNCIL OFFICE

Rev	Description	Date	By / Chk	App
P02	INFORMATION REMOVED	19/11 2019	DB / NE	NE
P01	FOR INFORMATION	19/07 2019	JW / NE	NE

FOR INFORMATION

A55 JUNCTION 15 & 16 IMPROVEMENTS

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TRIP GENERATORS

Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:12000	JW	DEC 18

Drawing No:	Rev:
RAM-ZZ-ZZ-SK-J-3001	P02

19/11/2019 12:10:07

Teithio Llesol - Llanfairfechan

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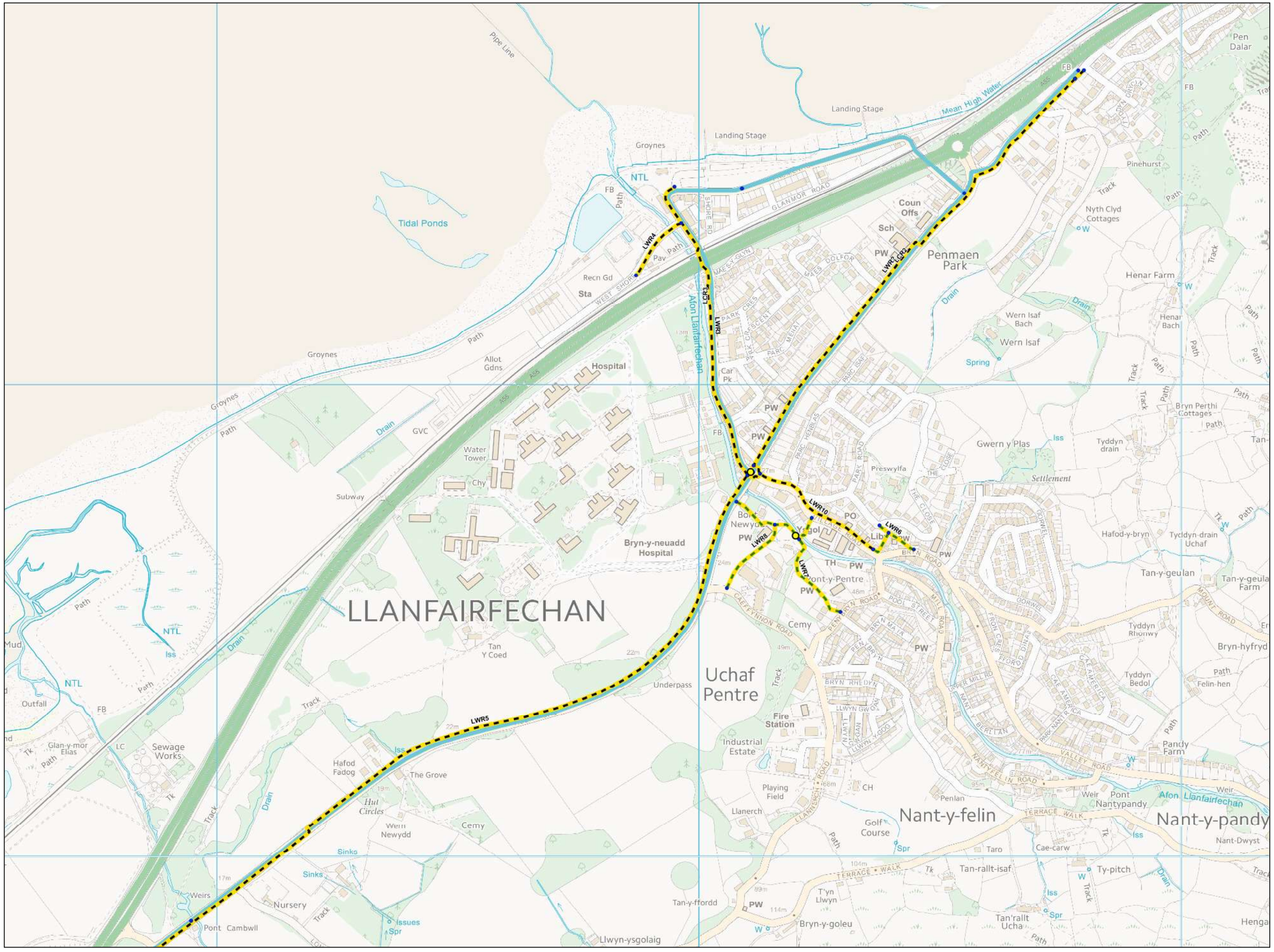
Yr Amgylchedd
Ffyrdd a Chyfleusterau / Environment
Roads & Facilities

CONWY
CYNGOR BWRDEISTREF SIROL
COUNTY BOROUGH COUNCIL



Legend / Eglurhad

Active Travel Route / Llwybr Teithio Llesol

- Undefined path design / Dyluniad llwybr heb ei ddiffinio
- Footpath (away from road) / Llwybr troed (i ffwrdd o'r ffordd)
- Footway (alongside road) / Troedffordd (ochr yn ochr â ffordd)
- Cycle track (away from road) / Trac beicio (i ffwrdd o'r ffordd)
- Cycle track (alongside road) / Trac beicio (ochr yn ochr â ffordd)
- Shared use foot/cycle path (away from road) / Llwybr cerdded/beicio a rennir (i ffwrdd o'r ffordd)
- Shared use foot/cycle path (alongside road) / Llwybr cerdded/beicio a rennir (ochr yn ochr â ffordd)
- Segregated foot/cycle path (away from road) / Llwybr cerdded/beicio wedi'i wahanu (i ffwrdd o'r ffordd)
- Segregated foot/cycle path (alongside road) / Llwybr cerdded/beicio wedi'i wahanu (ochr yn ochr â ffordd)
- Cycle route (on road, not segregated) / Lôn feicio (ar y ffordd, heb ei gwahanu)
- Cycle lane (on road, segregated) / Lôn feicio (ar y ffordd, wedi'i gwahanu)
- Pedestrian zone / Ardal cerdded
- Pedestrian and cycle zone / Ardal cerdded a beicio
- Road without footway / Ffordd heb droedffordd

- Line end points / Pwyntiau diwedd llinell
- Advanced Stop Lines / Llinellau Stopio Blaen
- Crossings / Croesfannau

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Llywodraeth Cymru
Welsh Government

14 Jul 2016 09:22 AM

Tiethio Llesol - Penmaenmawr

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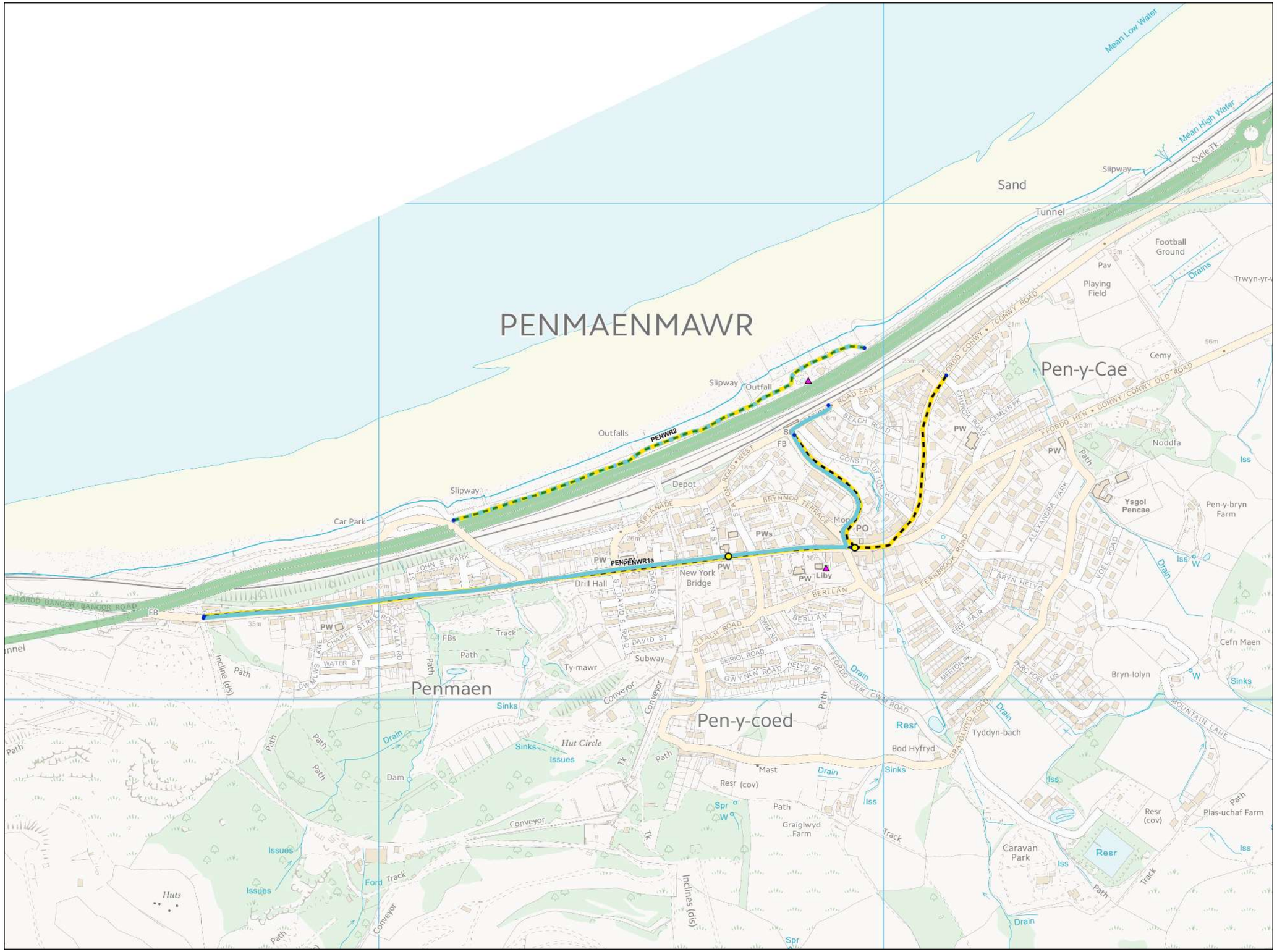
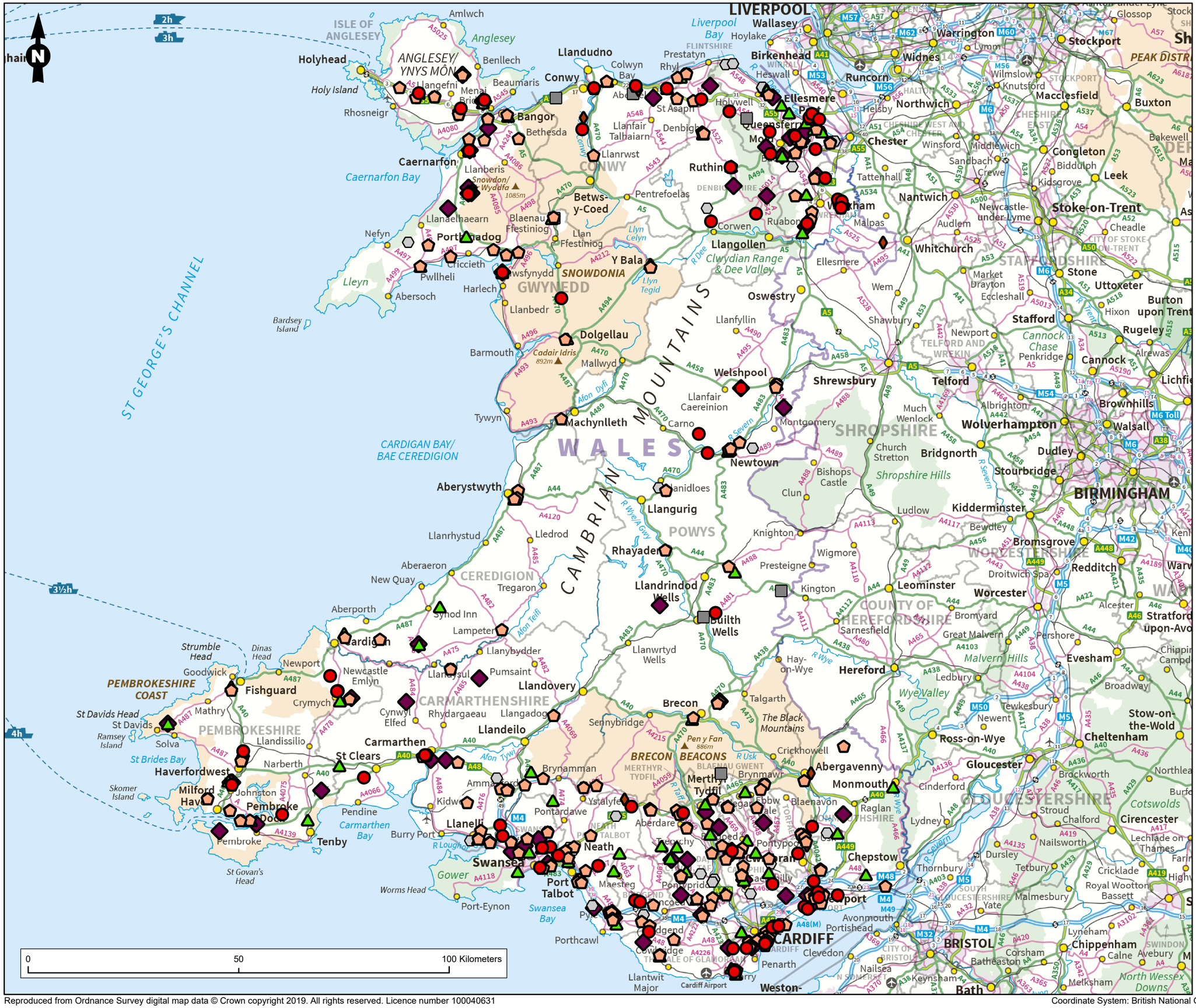
CONWY
CYNGOR BWRDEISTREF SIROL
COUNTY BOROUGH COUNCIL


PENMAENMAWR
Penmaen
Pen-y-coed
Pen-y-Cae
Sand
Mean Low Water
Mean High Water
Cycle Tk
Slipway
Tunnel
Football Ground
Pav
Playing Field
Drains
Trwyn-yr-
Cemy
Noddfa
Ysgol Pencae
Pen-y-bryn Farm
Cefn Maen
Bryn-Iolyn
Tyddyn-bach
Plas-uchaf Farm
Caravan Park
Resr
Resr (cov)
Bod Hyfryd
Graiglwyd Farm
Mast
Hut Circle
Huts
Dam
Ford
Track
Path
Drain
Sinks
Issues
Conveyor
Inclines (dis)
Incline (dis)
Subway
Ty-mawr
Outfall
Outfalls
Car Park
Depot
Drill Hall
New York Bridge
Liby
PO
PW
PWs
FB
FBs
PENWR2
PENWR1a
PEN
Iss
Spr
W
Mon
FFORDD BANGOR / BANGOR ROAD
FFORDD HEN / CONWY / CONWY OLD ROAD
FFORDD CWM / CWM ROAD
CONWY ROAD
BEACH ROAD
CONSTITUTION HILL
CHURCH ROAD
CEMLYN PK
ESPLANADE
BRYNMOR TERRACE
BERLLAN
GWYNAN ROAD
SERIOL ROAD
HELYG RD
GLEFACH ROAD
DAVID ST
ST DAVIDS ROAD
WATER ST
CHAPEL ST
ROCKVILLA RD
CW MAWR
JOHN S PARK
FERNBROOK ROAD
ALEXANDRA PARK
BRYN HELYG
VOEL ROAD
CREW FAIR
MERTON PK
PARC FOEL LUS
CRAIGLWYD ROAD
MOUNTAIN LANE
Path
Drain
Track
Ford
Conveyor
Incline (dis)
Inclines (dis)
Issues
Sinks
Spr
W
Iss
Resr
Drain
Path
Track
Caravan Park
Resr
Resr (cov)
Plas-uchaf Farm
Path
Iss
Drain
Sinks
Iss
Path
Track
Graiglwyd Farm
Path
Resr
Bod Hyfryd
Mast
Resr (cov)
Tyddyn-bach
Drain
Sinks
Iss
Path
Drain
Sinks
Cefn Maen
Bryn-Iolyn
W
Iss
Drain
Pen-y-bryn Farm
Iss
W
Path
Track
Path
Conveyor
Conveyor
Conveyor
Path
Path
Path

ES Chapter 15 Figures	
15.2	Waste Management Facilities in Wales for J15
15.3	Waste Management Facilities in North Wales for J15
15.4	Safeguarded Hard Rock Areas (J15)
15.5	Quarry Buffer Zone (J15)
15.6	Safeguarded Sand and Gravel Areas (J15)



Legend

- J15 Treatment Facilities 30km
- J15 Transfer Stations 30km
- J15 Recycling Centres 30km
- J15 Open Windrows Invessel Compost 30km
- J15 Mining Extractive Facilities 30km
- J15 Metal Recycling Facilities 30km
- J15 Landfills
- J15 Hazard Waste Trans Stations

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Figure Title
Waste Management Facilities in Wales for J15

Project Name
A55 Junction 15 and 16

Project Number	Figure No.
A55J15J16-RML-30-ZZ (162000620)	15.2
Date	**Prepared By**
November 2019	RR/LB
Scale	**Issue**
1:850,000 @A3	1

Client
Welsh Government

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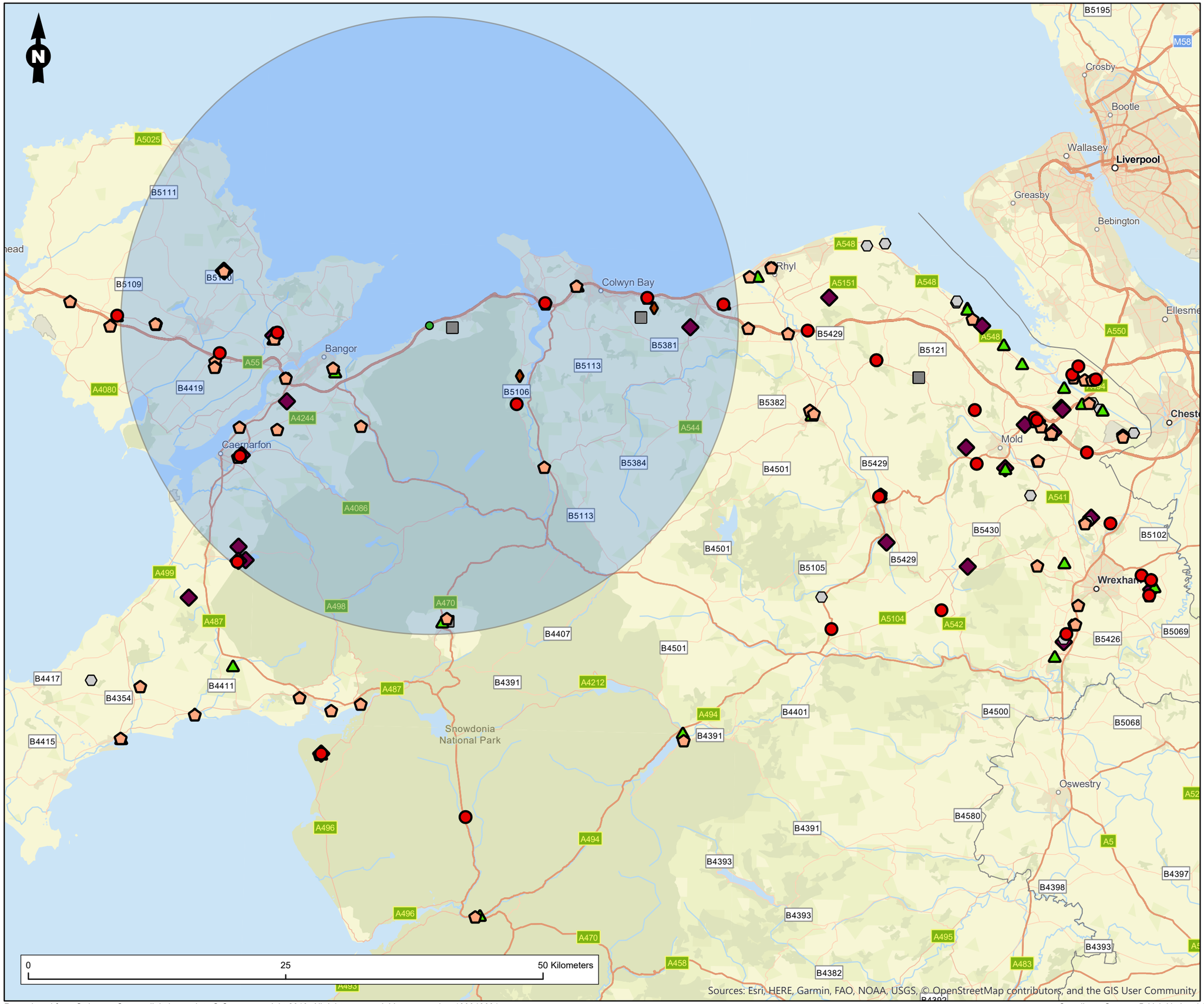

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YGC
PERSONA ASSOCIATES

Figure Title
Waste Management Facilities in North Wales for J15

Project Name
A55 Junction 15 and 16

Project Number	Figure No.
A55J15J16-RML-30-ZZ (162000620)	15.3
Date: November 2019	Prepared By: RR/LB
Scale: 1:350,000 @A3	Issue: 1

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Welsh Government

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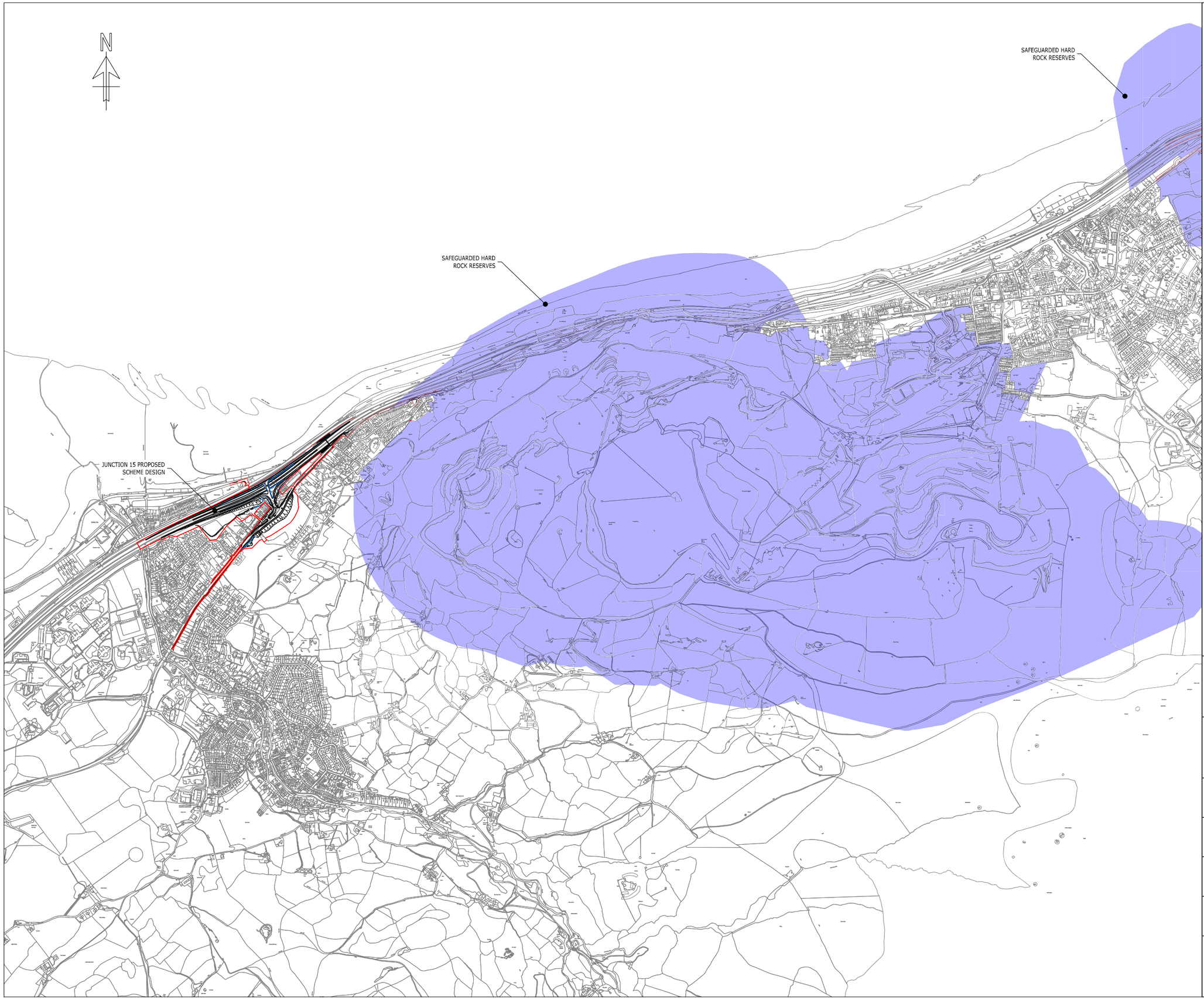

1. BUFFER ZONES AND SAFEGUARDED AREAS HAVE BEEN DIGITISED FROM THE CONWY LOCAL DEVELOPMENT PLAN.

KEY

RED LINE BOUNDARY

SAFEGUARDED HARD ROCK RESERVES

Figure Title

Figure 15.4
Safeguarded Hard Rock Reserves (J15)

Project Name

A55 Junction 15 and 16

Project Number	Figure No.
162000620	15.4
January 2020	Prepared By DB
Not to Scale	Issue 1

Welsh Government

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1. BUFFER ZONES AND SAFEGUARDED AREAS HAVE BEEN DIGITISED FROM THE CONWY LOCAL DEVELOPMENT PLAN.

KEY

RED LINE BOUNDARY

QUARRY BUFFER ZONE

Figure Title

Figure 15.5
Quarry Buffer Zone (J15)

Project Name

A55 Junction 15 and 16

Project Number	Figure No.
162000620	15.5
January 2020	Prepared By DB
Not to Scale	Issue 1

Welsh Government

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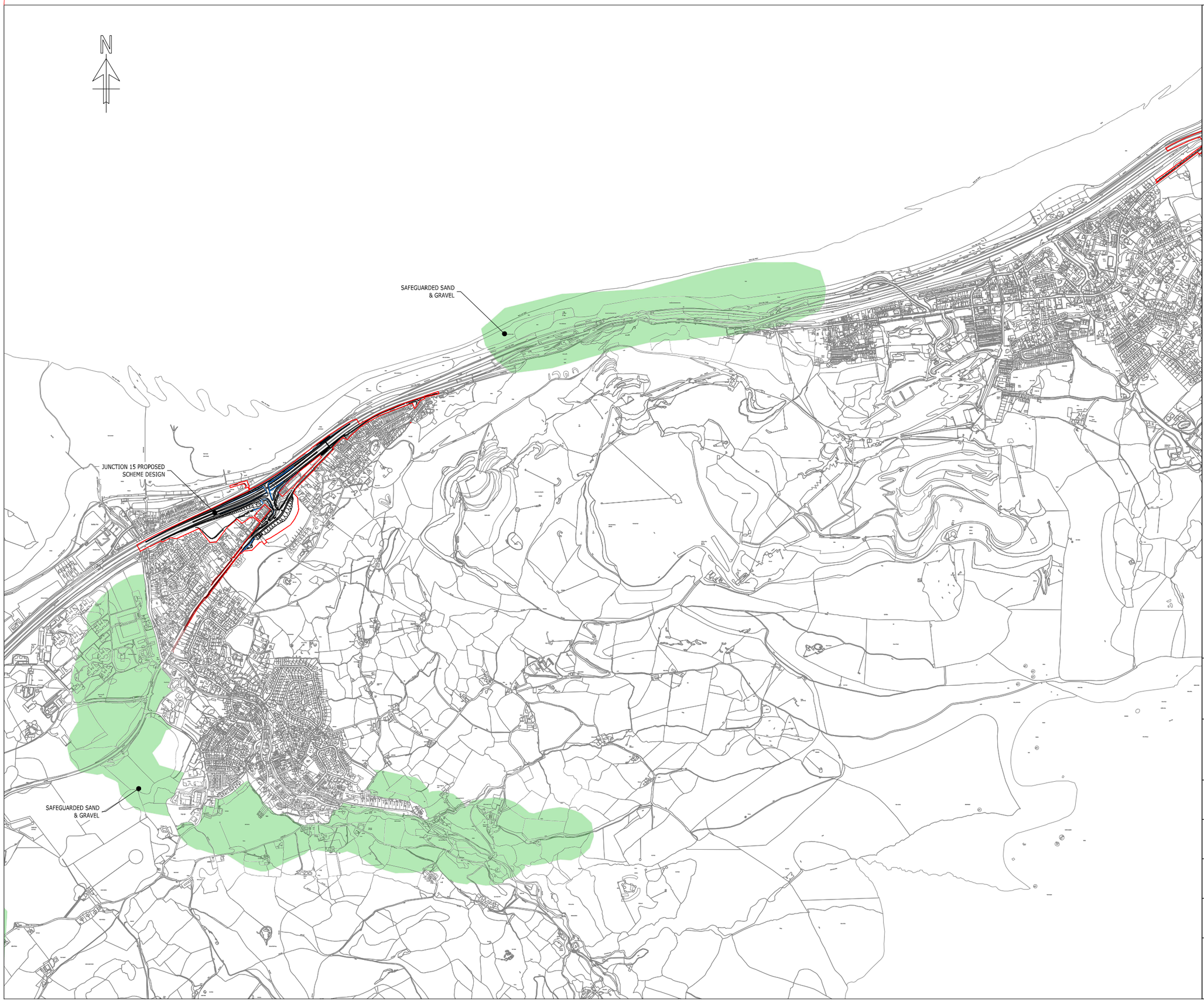

1. BUFFER ZONES AND SAFEGUARDED AREAS HAVE BEEN DIGITISED FROM THE CONWY LOCAL DEVELOPMENT PLAN.

KEY

RED LINE BOUNDARY

SAFEGUARDED SAND & GRAVEL

Figure Title

Figure 15.6
Safeguarded Sand & Gravel Areas (J15)

Project Name

A55 Junction 15 and 16

Project Number	Figure No.
162000620	15.6
January 2020	Prepared By: DB
Not to Scale	Issue: 1

Welsh Government

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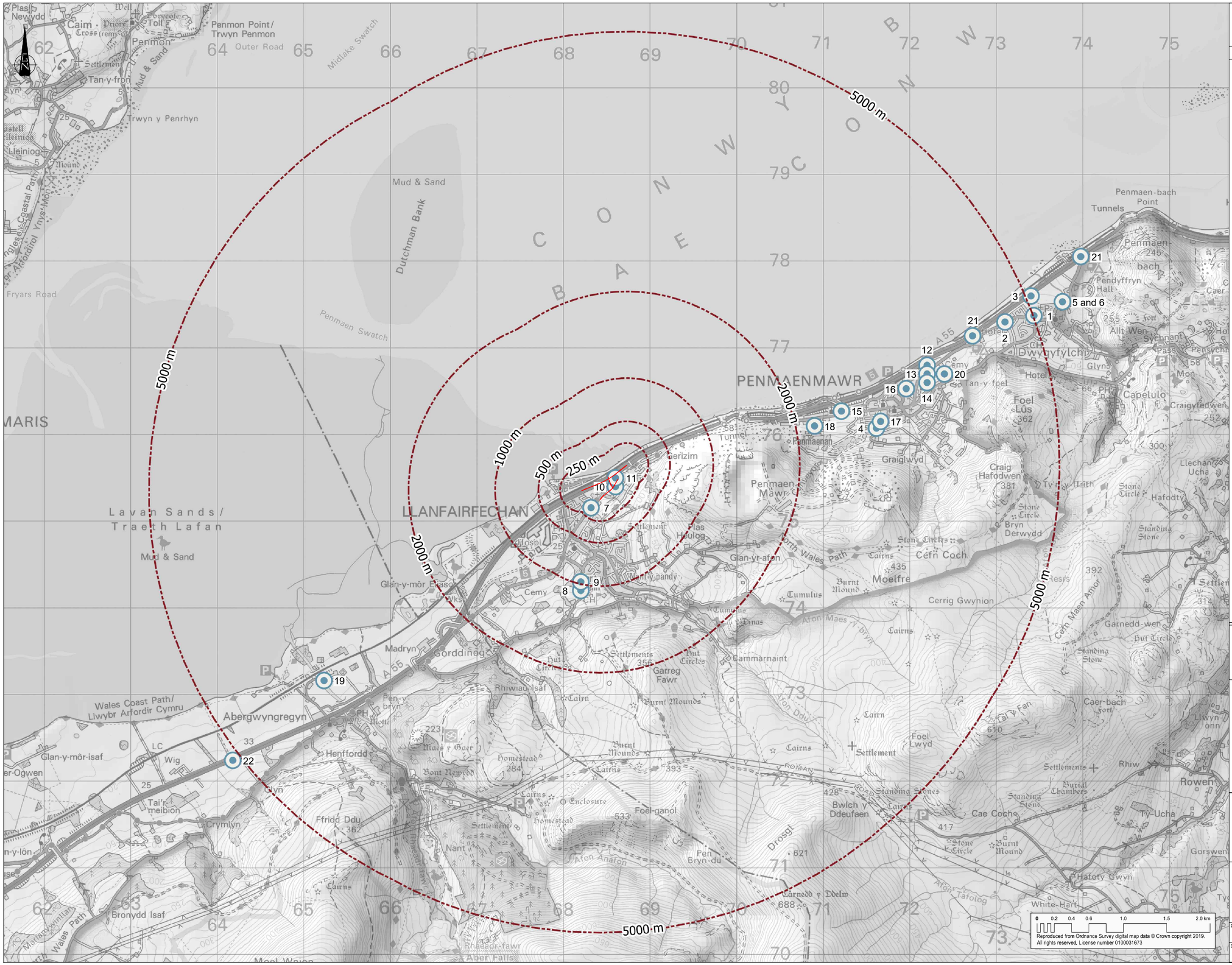
ES Chapter 19 Figures	
19.1	Planning Applications and Allocated Sites
19.2	Short-Listed Development Sites



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Notes

Legend

- Carriageway Alignment
- Fixed Distance Buffer
- Matrix 1 Site

1. Land north of Groesffordd
2. LDP land allocation 53
3. LDP land allocation MS9
4. Penmaen Quarry
5. Phase 1 Housing
6. Phase 2 Housing
7. LDP land allocation 31
8. LDP land allocation K429
9. LDP land allocation 521
10. LDP housing contingency
11. Land adjacent to Fernbank
12. LDP housing contingency
13. Land at Cambrian Court/Dyffryn
14. Land at Cemlyn Park
15. Red Gables and St John's Park
16. Pennant Hall Bach
17. Land off Bangor Road
18. Salem Chapel
19. Aber Distillery
20. LDP allocation for burial ground
21. A55 Junction 16 Improvement
22. A55 Abergwyngregyn to Tai'r Meibion

A55 JUNCTION 15 & 16 IMPROVEMENTS

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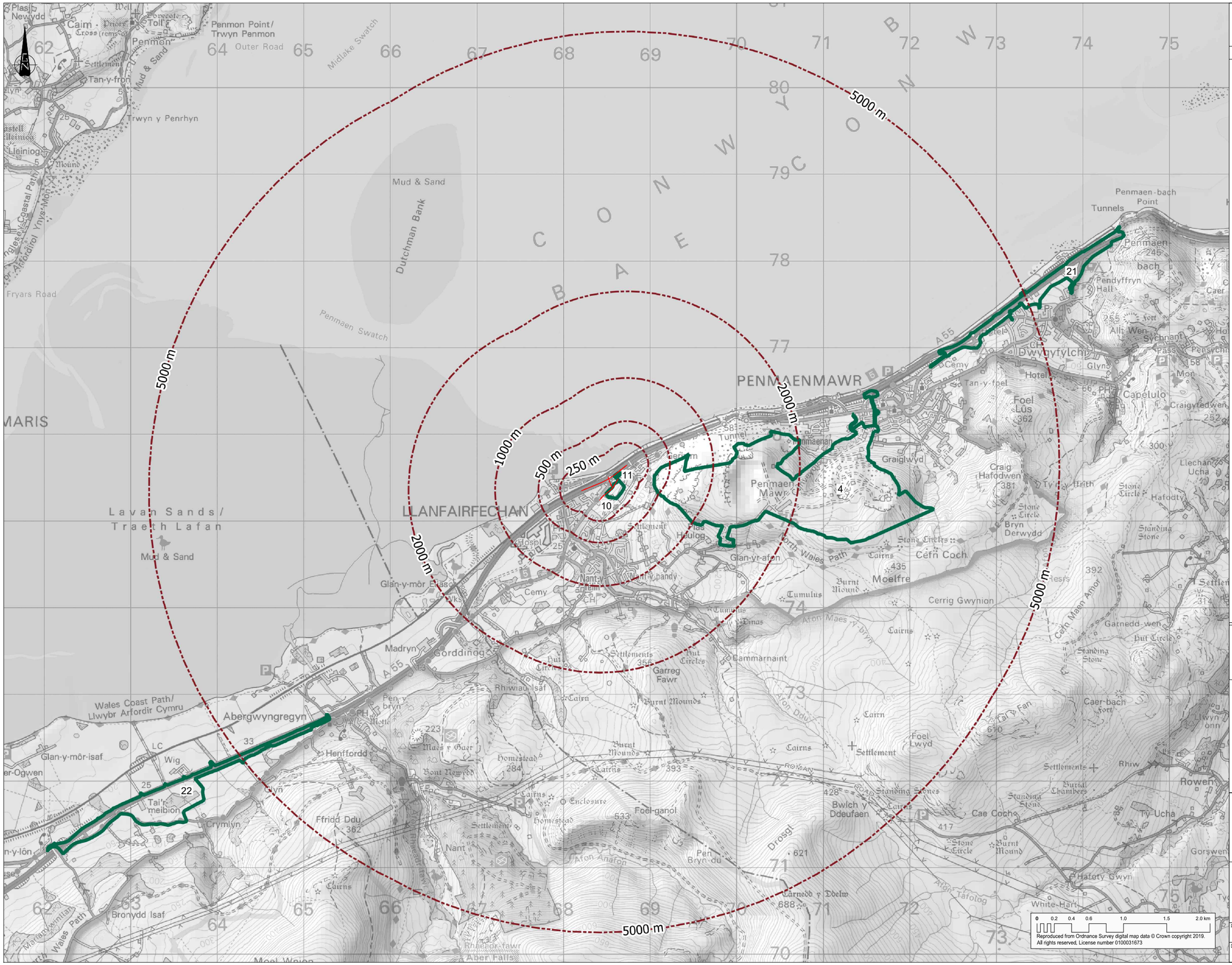
JUNCTION 15
FIGURE 19.1
PLANNING APPLICATIONS AND ALLOCATED SITES

Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:40,000	RLJ	FEB 20

Drawing No:	Rev:
A55J15J16-RML-30-15-DR-X-1901	01

12/02/2020 10:53:16



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Notes

Legend

- Carriageway Alignment
- Fixed Distance Buffer
- Matrix 2 Site

4. Penmaenmawr Quarry
10. LDP housing contingency
11. Land adjacent to Fernbank
21. A55 Junction 16 Improvement
22. A55 Abergwyngregyn to Tai'r Meibion

A55 JUNCTION 15 & 16 IMPROVEMENTS

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JUNCTION 15
FIGURE 19.2
SHORT-LISTED
DEVELOPMENT SITES

Project No:	Scale (@A1):	Drawn:	Date:
1620000620	1:40,000	RLJ	FEB 20

Drawing No:	Rev:
A55J15J16-RML-30-15-DR-X-1902	01

12/02/2020 10:56:52