

## Appendix 11 – Landscape and Visual

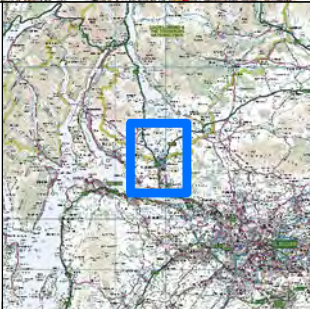
### 11.1 Figures





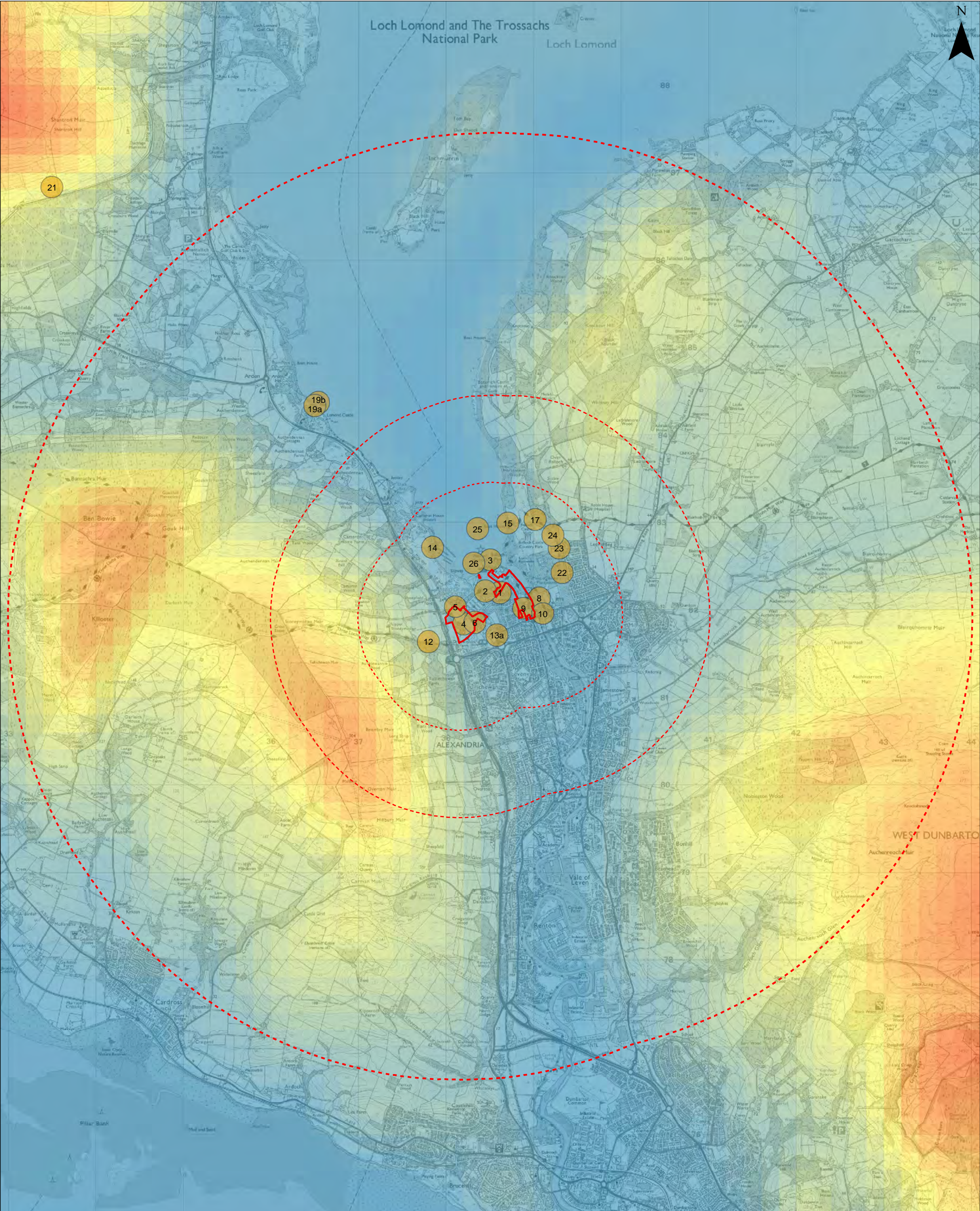
**KEY:**

- SITE BOUNDARY
- 1KM OFFSET
- 2KM OFFSET
- 5KM OFFSET



00.250.51		Kilometres	
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0	09/02/2022	LVIA	RSB KL SG
Rev	Date	Description	Made Chk'd App'd
GILLESPIES			
Scheme Name: P20627-00-001 LOMOND BANKS			
Title: FIGURE 11.1 SITE LOCATION & STUDY AREA			
Scale: 1:40,000	Sheet: SHEET 1 of 1	Sheet Size: A3 (297 mm x 420 mm)	Rev: 1





KEY:

SITE BOUNDARY

1KM BUFFER

2KM BUFFER

5KM BUFFER

VIEWPOINT LOCATION

ELEVATION (AOD)

METRES

< -10

-10 - 0

0 - 10

10 - 20

20 - 30

30 - 40

40 - 50

50 - 60

60 - 70

70 - 80

80 - 90

90 - 100

100 - 110

110 - 120

120 - 130

130 - 140

140 - 150

150 - 160

160 - 170

170 - 180

180 - 190

190 - 200

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220 - 230

230 - 240

240 - 250

250 - 260

260 - 270

270 - 280

280 - 290

290 - 300

300 - 310

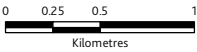
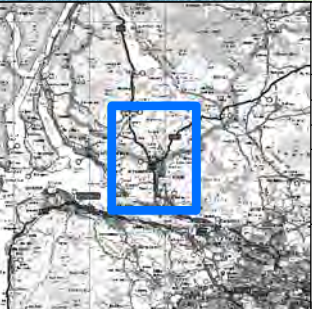
310 - 320

320 - 330

330 - 340

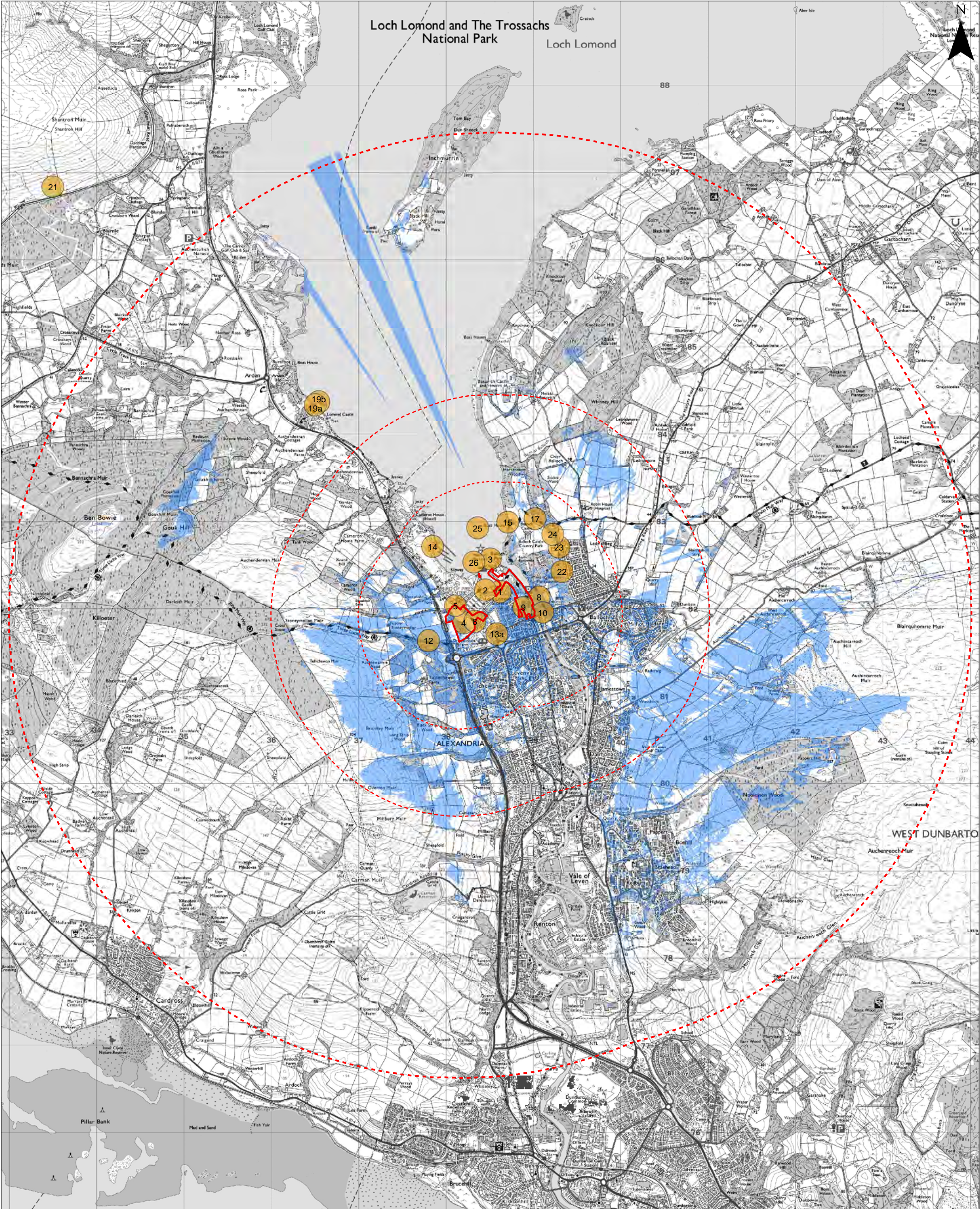
340 - 350

350 >



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0	09/02/2022	LVIA	RSB	KL	SG
Rev	Date	Description	Made	Chk'd	App'd
GILLESPIES					
Scheme Name:					
P20627-00-001 LOMOND BANKS					
Title:					
FIGURE 11.2 TOPOGRAPHY					
Scale:	1:40,000	Sheet:	SHEET 1 of 1	Sheet Size:	A3 (297 mm x 420 mm)
Rev:	1				





KEY:

1KM OFFSET

2KM OFFSET

5KM OFFSET

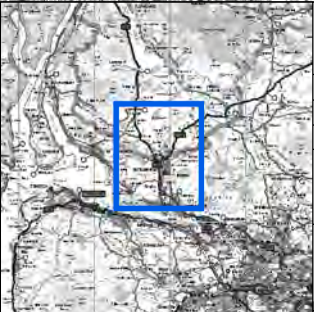
SITE BOUNDARY

ZONE OF THEORETICAL VISIBILITY FOR STATION SQUARE DEVELOPMENT

VIEWPOINT LOCATION

HEIGHTS OF THE PROPOSED DEVELOPMENT HAVE BEEN TAKEN FROM THE MODEL PROVIDED BY ANDERSON BELL + CHRISTIE. THE MAXIMUM HEIGHT OF THE PROPOSED DEVELOPMENT AT THIS SITE IS APPROXIMATELY 13M.

THIS ZTV HAS BEEN GENERATED USING ARCGIS AND IS BASED ON A 5M RESOLUTION DSM (DIGITAL SURFACE MODEL) WITH AN OBSERVER HEIGHT OF 1.5M USED. THIS TOPOGRAPHIC MODEL IS COMPRISED OF ELEVATION MEASUREMENTS DERIVED FROM RETURN SIGNALS RECEIVED BY THE RADAR ANTENNAE ON THE AIRCRAFT. THE SIGNALS BOUNCE OFF THE FIRST SURFACE THEY HIT, SO ANY OBJECT LARGE ENOUGH TO BE RESOLVED WILL BE REPRESENTED IN THE DSM. THIS INCLUDES BUILDINGS, ROADS AND VEGETATION, AS WELL AS ANY NATURAL TERRAIN FEATURES.



THIS DRAWING IS SCALED AT AN A3 PAPER SIZE. THEREFORE ANY PRINTS MADE AT A DIFFERENT SIZE WILL AFFECT THE ACCURACY OF MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.

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0 0.25 0.5 1

Kilometres

1	16/03/2022	Site boundary to match Rev G	RSB	KL	SG
0	09/02/2022	LVIA	RSB	KL	SG
Rev	Date	Description	Made	Chk'd	App'd

GILLESPIES

Scheme Name:

P20627-00-001  
LOMOND BANKS

Title:

FIGURE 11.3a  
STATION SQUARE DEVELOPMENT ZTV

Scale:

1:40,000

Sheet:

SHEET 1 of 1

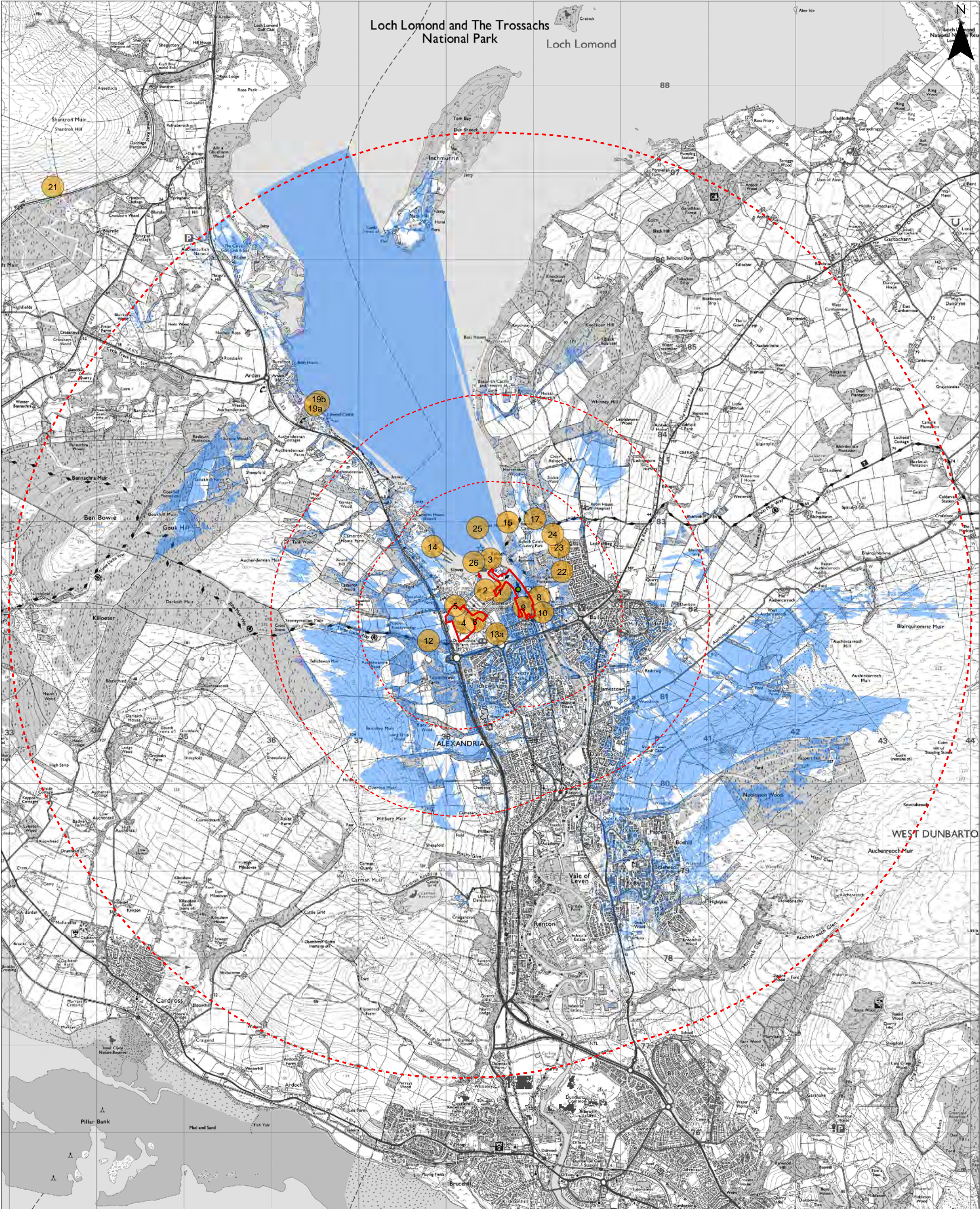
Sheet Size:

A3 (297 mm x 420 mm)

Rev:

1





KEY:

— SITE BOUNDARY

1KM OFFSET

2KM OFFSET

5KM OFFSET

ZONE OF THEORETICAL VISIBILITY FOR RIVERFRONT DEVELOPMENT

VIEWPOINT LOCATION

HEIGHTS OF THE PROPOSED DEVELOPMENT HAVE BEEN TAKEN FROM THE MODEL PROVIDED BY ANDERSON BELL + CHRISTIE. THE MAXIMUM HEIGHT OF THE PROPOSED DEVELOPMENT AT THIS SITE IS APPROXIMATELY 6M.

THIS ZTV HAS BEEN GENERATED USING ARCGIS AND IS BASED ON A 5M RESOLUTION DSM (DIGITAL SURFACE MODEL) WITH AN OBSERVER HEIGHT OF 1.5M USED. THIS TOPOGRAPHIC MODEL IS COMPRISED OF ELEVATION MEASUREMENTS DERIVED FROM RETURN SIGNALS RECEIVED BY THE RADAR ANTENNAE ON THE AIRCRAFT. THE SIGNALS BOUNCE OFF THE FIRST SURFACE THEY HIT, SO ANY OBJECT LARGE ENOUGH TO BE RESOLVED WILL BE REPRESENTED IN THE DSM. THIS INCLUDES BUILDINGS, ROADS AND VEGETATION, AS WELL AS ANY NATURAL TERRAIN FEATURES.

THIS DRAWING IS SCALED AT AN A3 PAPER SIZE. THEREFORE ANY PRINTS MADE AT A DIFFERENT SIZE WILL AFFECT THE ACCURACY OF MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.

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0 0.25 0.5 1  
Kilometres

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Rev	Date	Description	Made	Chk'd	App'd

GILLESPIES

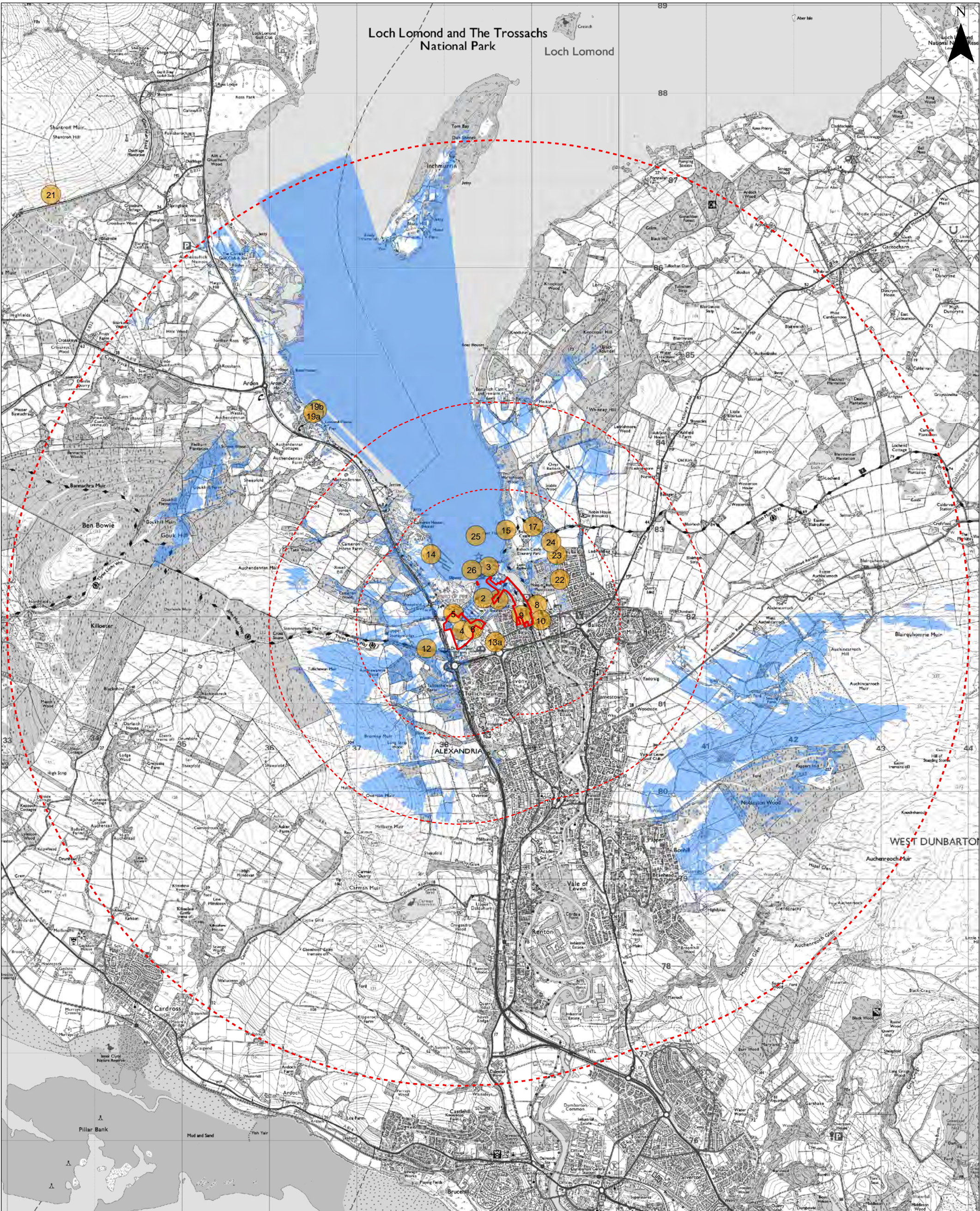
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P20627-00-001  
LOMOND BANKS

Title:  
FIGURE 11.3b  
RIVERFRONT DEVELOPMENT ZTV

Scale: 1:40,000	Sheet: SHEET 1 of 1	Sheet Size: A3 (297 mm x 420 mm)	Rev: 1
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Document Path: R:\P20627-00-001 Lomond Banks\GIS\Layouts\P20627-00-001-GIL-0616-XX Figure 3b Riverfront ZTV.mxd





**KEY:**

SITE BOUNDARY

1KM OFFSET

2KM OFFSET

5KM OFFSET

ZONE OF THEORETICAL VISIBILITY FOR PIERHEAD DEVELOPMENT

VIEWPOINT LOCATION

HEIGHTS OF THE PROPOSED DEVELOPMENT HAVE BEEN TAKEN FROM THE MODEL PROVIDED BY ANDERSON BELL + CHRISTIE. THE MAXIMUM HEIGHT OF THE PROPOSED DEVELOPMENT AT THIS SITE IS APPROXIMATELY 11M.

THIS ZTV HAS BEEN GENERATED USING ARCGIS AND IS BASED ON A 5M RESOLUTION DSM (DIGITAL SURFACE MODEL) WITH AN OBSERVER HEIGHT OF 1.5M USED. THIS TOPOGRAPHIC MODEL IS COMPRISED OF ELEVATION MEASUREMENTS DERIVED FROM RETURN SIGNALS RECEIVED BY THE RADAR ANTENNAE ON THE AIRCRAFT. THE SIGNALS BOUNCE OFF THE FIRST SURFACE THEY HIT, SO ANY OBJECT LARGE ENOUGH TO BE RESOLVED WILL BE REPRESENTED IN THE DSM. THIS INCLUDES BUILDINGS, ROADS AND VEGETATION, AS WELL AS ANY NATURAL TERRAIN FEATURES.

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Kilometres

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Rev	Date	Description	Made	Chk'd	App'd

GILLESPIES

Scheme Name:

P20627-00-001  
LOMOND BANKS

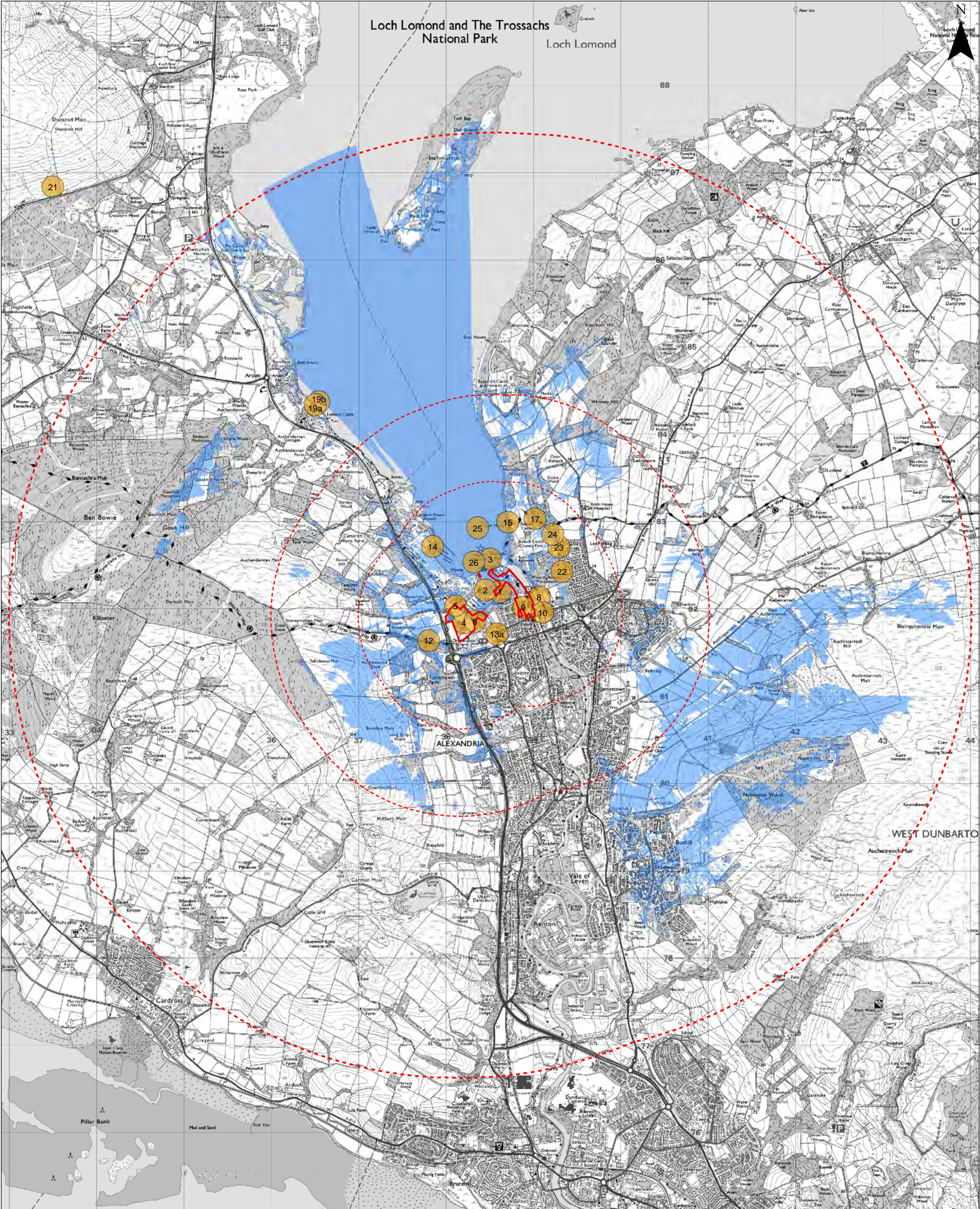
Title:

FIGURE 11.3c  
PIERHEAD DEVELOPMENT ZTV

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KEY:

— SITE BOUNDARY

1KM OFFSET

2KM OFFSET

5KM OFFSET

ZONE OF THEORETICAL VISIBILITY FOR BOATHOUSE DEVELOPMENT

VIEWPOINT LOCATION

HEIGHTS OF THE PROPOSED DEVELOPMENT HAVE BEEN TAKEN FROM THE MODEL PROVIDED BY ANDERSON BELL + CHRISTIE. THE MAXIMUM HEIGHT OF THE PROPOSED DEVELOPMENT AT THIS SITE IS APPROXIMATELY 6M.

THIS ZTV HAS BEEN GENERATED USING ARCGIS AND IS BASED ON A 5M RESOLUTION DSM (DIGITAL SURFACE MODEL) WITH AN OBSERVER HEIGHT OF 1.5M USED. THIS TOPOGRAPHIC MODEL IS COMPRISED OF ELEVATION MEASUREMENTS DERIVED FROM RETURN SIGNALS RECEIVED BY THE RADAR ANTENNAE ON THE AIRCRAFT. THE SIGNALS BOUNCE OFF THE FIRST SURFACE THEY HIT, SO ANY OBJECT LARGE ENOUGH TO BE RESOLVED WILL BE REPRESENTED IN THE DSM. THIS INCLUDES BUILDINGS, ROADS AND VEGETATION, AS WELL AS ANY NATURAL TERRAIN FEATURES.

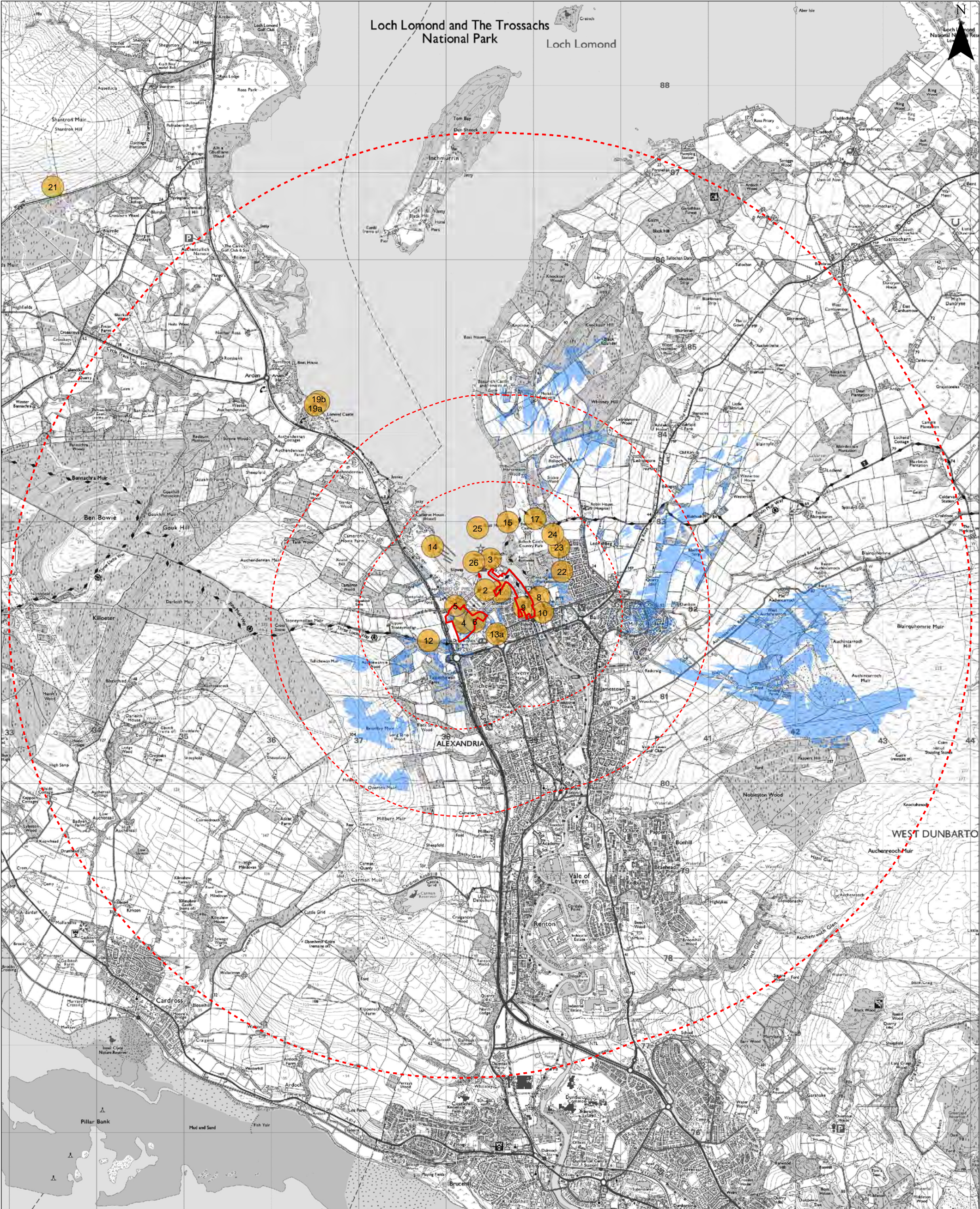
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Rev	Date	Description	Made Chk'd App'd
GILLESPIES			
Scheme Name: P20627-00-001 LOMOND BANKS			
Title: FIGURE 11.3d BOATHOUSE ZTV			
Scale: 1:40,000	Sheet: SHEET 1 of 1	Sheet Size: A3 (297 mm x 420 mm)	Rev: 1

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KEY:

— SITE BOUNDARY

1KM OFFSET

2KM OFFSET

5KM OFFSET

ZONE OF THEORETICAL VISIBILITY FOR WOODBANK DEVELOPMENT

VIEWPOINT LOCATION

HEIGHTS OF THE PROPOSED DEVELOPMENT HAVE BEEN TAKEN FROM THE MODEL PROVIDED BY ANDERSON BELL + CHRISTIE. THE MAXIMUM HEIGHT OF THE PROPOSED DEVELOPMENT AT THIS SITE IS APPROXIMATELY 6M.

THIS ZTV HAS BEEN GENERATED USING ARCGIS AND IS BASED ON A 5M RESOLUTION DSM (DIGITAL SURFACE MODEL) WITH AN OBSERVER HEIGHT OF 1.5M USED. THIS TOPOGRAPHIC MODEL IS COMPRISED OF ELEVATION MEASUREMENTS DERIVED FROM RETURN SIGNALS RECEIVED BY THE RADAR ANTENNAE ON THE AIRCRAFT. THE SIGNALS BOUNCE OFF THE FIRST SURFACE THEY HIT, SO ANY OBJECT LARGE ENOUGH TO BE RESOLVED WILL BE REPRESENTED IN THE DSM. THIS INCLUDES BUILDINGS, ROADS AND VEGETATION, AS WELL AS ANY NATURAL TERRAIN FEATURES.

THIS DRAWING IS SCALED AT AN A3 PAPER SIZE. THEREFORE ANY PRINTS MADE AT A DIFFERENT SIZE WILL AFFECT THE ACCURACY OF MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.

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0 0.25 0.5 1  
Kilometres

1	16/03/2022	Site boundary to match Rev G	RSB	KL	SG
0	09/02/2022	LVIA	RSB	KL	SG
Rev	Date	Description	Made	Chk'd	App'd

GILLESPIES

Scheme Name:  
P20627-00-001  
LOMOND BANKS

Title:  
FIGURE 11.3e  
WOODBANK DEVELOPMENT ZTV

Scale:  
1:40,000

Sheet:  
SHEET 1 of 1

Sheet Size:  
A3 (297 mm x 420 mm)

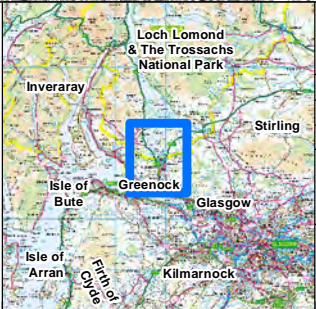
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- KEY:
- SITE BOUNDARY
  - 1KM OFFSET
  - 2KM OFFSET
  - 5KM OFFSET
  - VIEWPOINT LOCATION

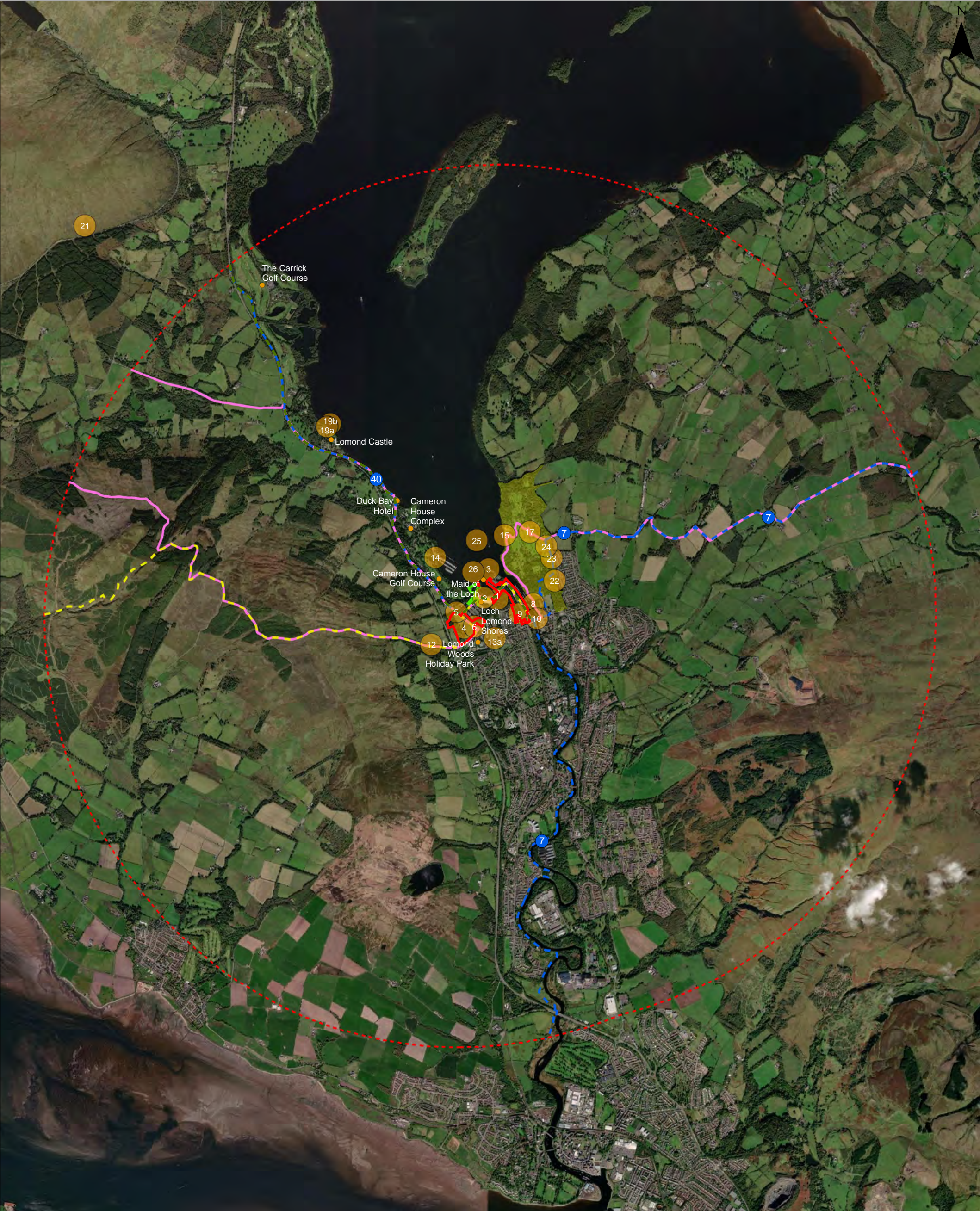


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Rev	Date	Description	Made Chk'd App'd
GILLESPIES			
Scheme Name: P20627-00-001 LOMOND BANKS			
Title: FIGURE 11.4 LANDSCAPE CHARACTER TYPES			
Scale: 1:40,000	Sheet: SHEET 1 of 1	Sheet Size: A3 (297 mm x 420 mm)	Rev: 1









KEY:

SITE BOUNDARY

5KM OFFSET

RECREATION AREA

VIEWPOINT LOCATION

BALLOCH CASTLE COUNTRY PARK

JOHN MUIR WAY

THREE LOCHS WAY

LOCH LOMOND SHORES WALK

NATIONAL CYCLE ROUTE

WEST LOCH LOMOND REGIONAL CYCLE ROUTE 40

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Kilometres

1	17/03/2022	Site boundary to match Rev G	RSB	KL	SG
0	09/02/2022	LVIA	RSB	KL	SG
Rev	Date	Description	Made	Chk'd	App'd

GILLESPIES

Scheme Name:

P20627-00-001  
LOMOND BANKS

Title:

FIGURE 11.6  
RECREATIONAL FEATURES  
(REFERRED TO IN THE LVIA)

Scale:

1:43,435

Sheet:

SHEET 1 of 1

Sheet Size:

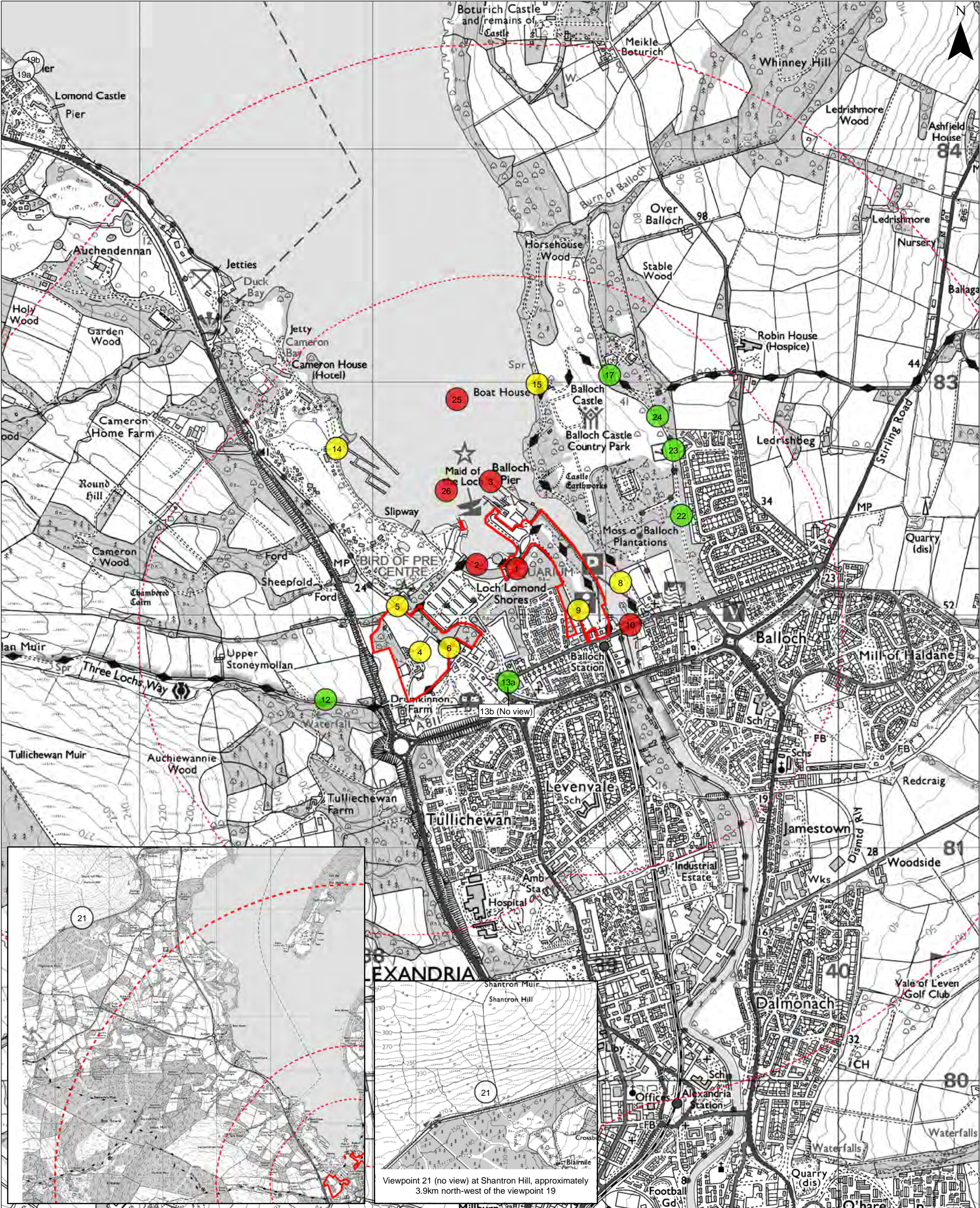
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Rev:

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Document Path: R:\P20627-00-001 Lomond Banks\GIS\Layouts\P20627-00-001-GIL-0609-XX Recreational Features.mxd





- KEY:**
- SITE BOUNDARY
  - - - 1KM OFFSET
  - - - 2KM OFFSET
  - - - 5KM OFFSET
  - MAJOR ADVERSE
  - MODERATE ADVERSE
  - NOT SIGNIFICANT
  - NO VIEW



0 0.125 0.25 0.5		Kilometres	
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Rev	Date	Description	Made Chk'd App'd
GILLESPIES			
Scheme Name: P20627-00-001 LOMOND BANKS			
Title: FIGURE 11.7 VIEWPOINT PLAN (CONSTRUCTION)			
Scale: 1:15,000	Sheet: SHEET 1 of 1	Sheet Size: A3 (297 mm x 420 mm)	Rev: 1



