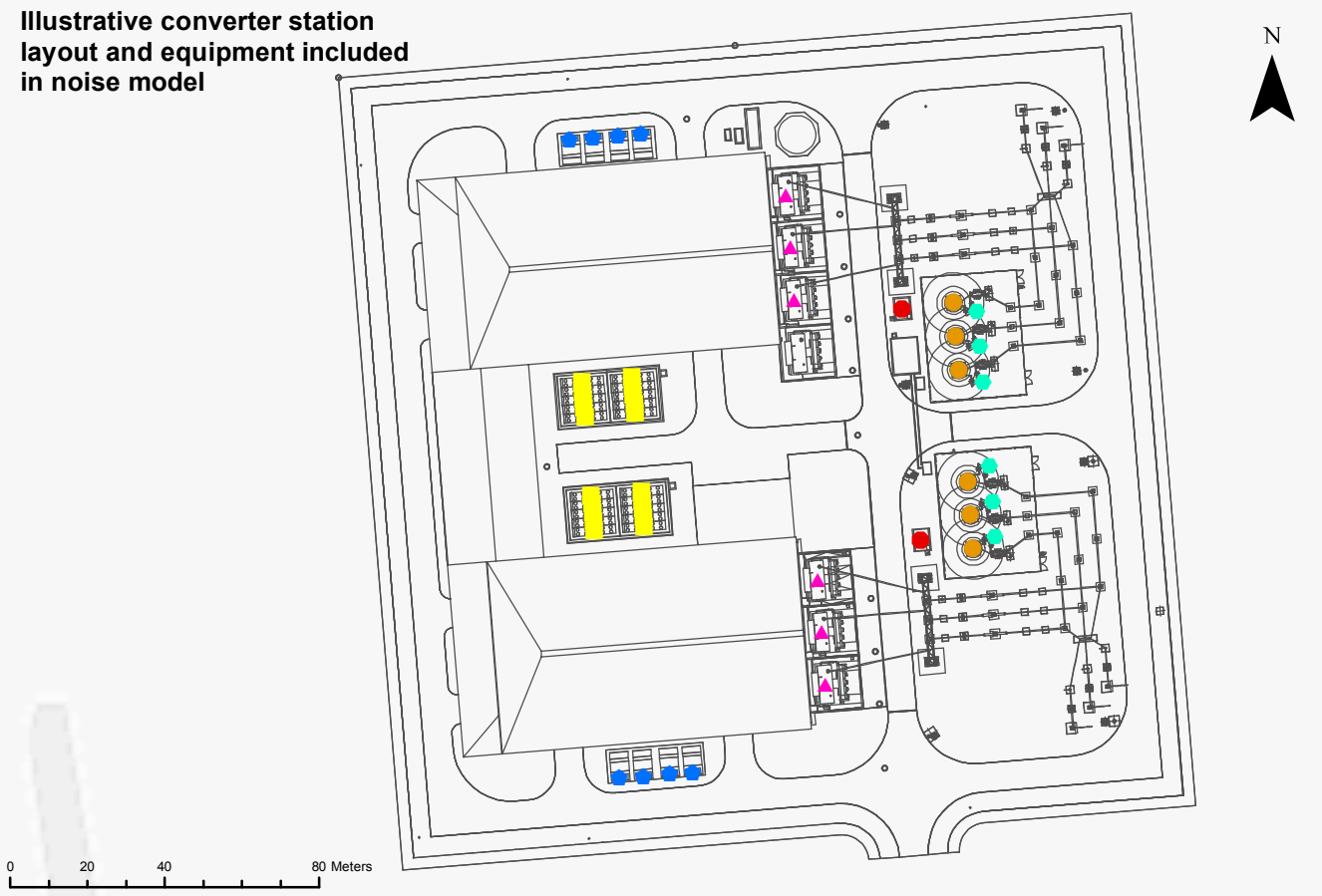
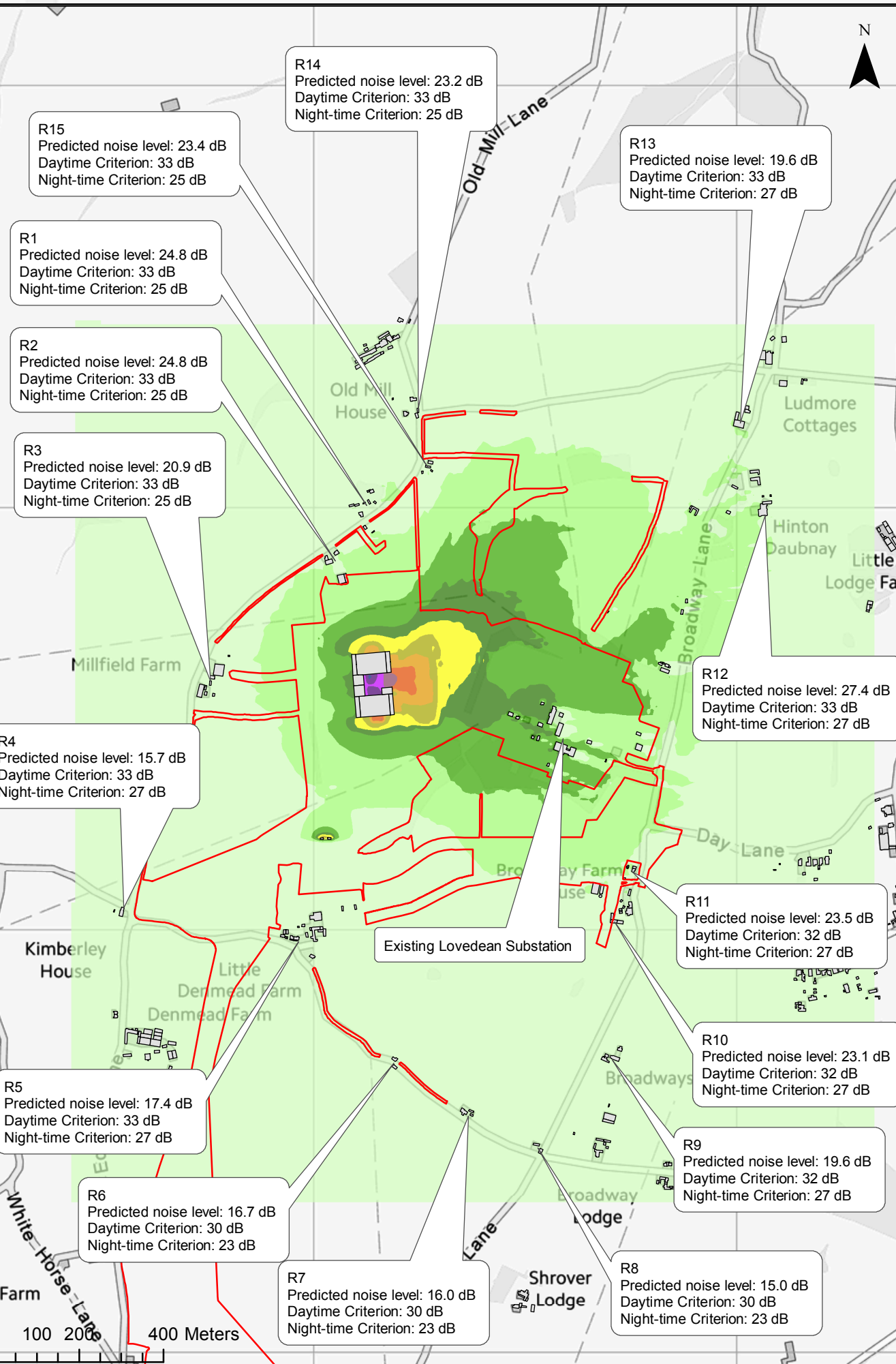
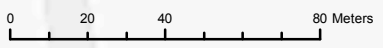


**Illustrative converter station layout and equipment included in noise model**



**Key**

- External equipment**
- Auxillary transformer
  - AC filter capacitor
  - AC filter reactor
  - ▲ Transformer and transformer fans
  - Cooling fan banks
  - ◆ Air conditioning unit
- dB, LAeq,T (all plant operating continuously)**
- Less than 25
  - 25 to 30
  - 30 to 35
  - 35 to 40
  - 40 to 45
  - 45 to 50
  - 50 to 55
  - 55 to 60
  - 60 to 65
  - 65 to 70
  - 70 to 75
  - More than 75



- Receptor Names:
- R1 - The Haven and Old Mill Cottage
  - R2 - Hillcrest
  - R3 - Millfield Farm
  - R4 - Kimberley House
  - R5 - Little Denmead Farm
  - R6 - Holme and Highfield Cottages
  - R7 - Lower Chapters
  - R8 - The Arrows
  - R9 - Broadways
  - R10 - Broadway Farm House
  - R11 - Broadway Farm Cottages
  - R12 - Hinton Daubnay
  - R13 - Ludmore Cottages
  - R14 - Old Mill House and The Shieling
  - R15 - The Ranch

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulation 5(2)(a)

REV	DATE	BY	DESCRIPTION	CHK	APP
01	28/10/2019	YH	FIRST ISSUE	TF	LB

DRAWING STATUS: **FINAL**



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CLIENT:



PROJECT:

**AQUIND Interconnector**

TITLE:

Figure 24.4  
Section 1 - predicted broadband noise levels (pre additional mitigation) from operational converter station (Option B (ii)) and equipment included in noise model.  
Sheet 1 of 1

SCALE AT A1 1:12,202	CHECKED: TF	APPROVED: LB
PROJECT NO: EN020022	DESIGNED: TF	DRAWN: YH
	DATE: 28/10/2019	

DRAWING NO: <b>EN020022-ES-24.4-Sheet1</b>	REV.NO: 01
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