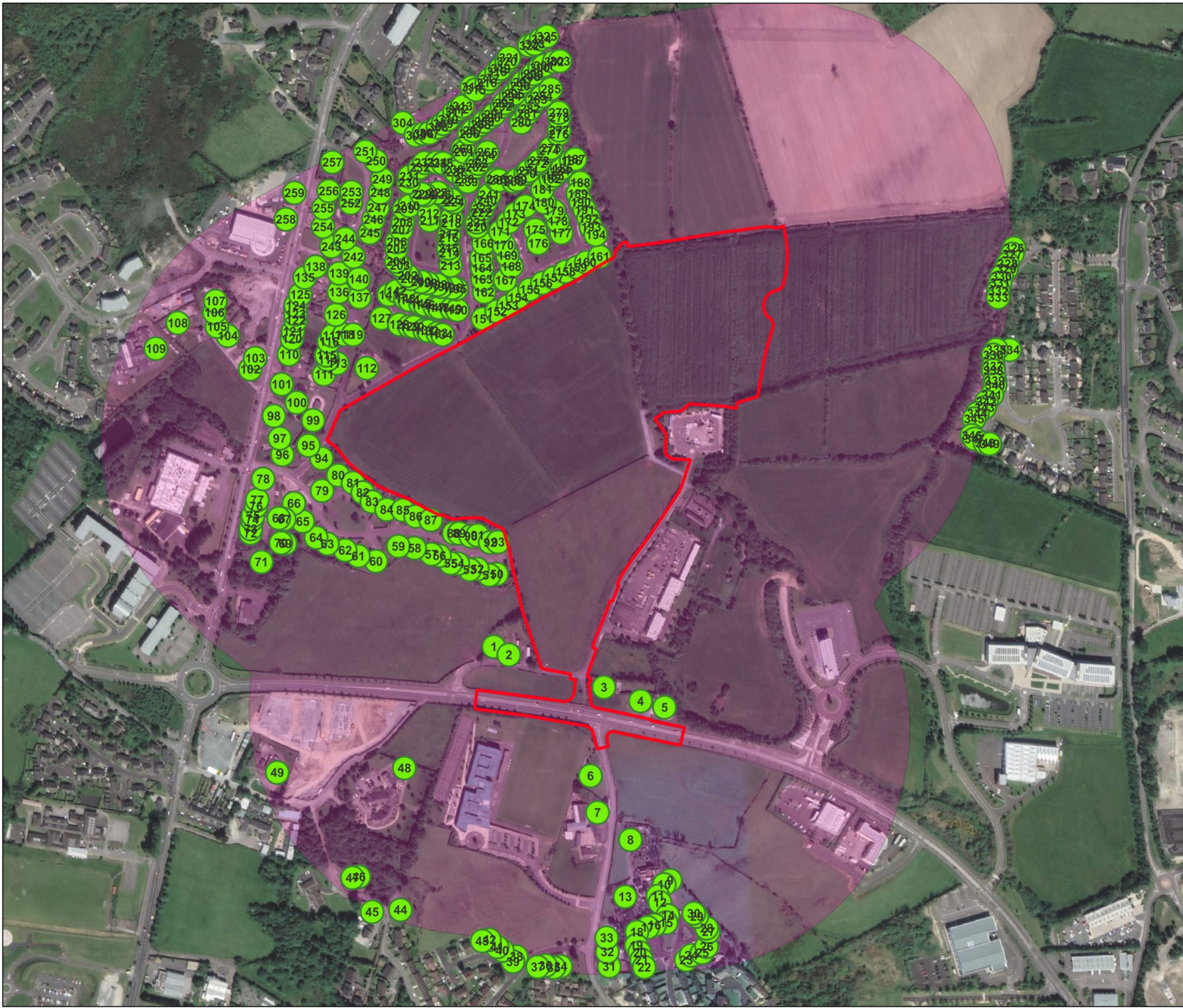




Legend

- Site Boundary
- 300m Buffer
- Noise Sensitive Receptor

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Client: Hamilton Architects

Project: Letterkenny Sports Hub

Title: Noise Sensitive Receptors (Overall Extent)

Figure No.		
Project No.	Date	Revision
NI2553	04/04/2023	



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Note

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2. If recieved electronically it is the recipients responsibility to print to correct scale. Only written dimensions should be used.

3. This drawing should be read in conjunction with all other relevant drawings and specifications.

- Legend**
- Site Boundary
 - Phase 3 Boundary
 - Phase 4 Boundary
 - Phase 5 Boundary
 - Phase 1 Construction Area
 - Phase 2 Construction Area
 - Phase 3 Construction Area
 - Phase 4 Construction Area
 - Phase 5 Construction Area
 - Noise Receptor

Rev	Description	By	Ckd	Date

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Client: ATU Donegal

Project: ATU Letterkenny Sports Activity Hub

Title: Construction Phasing Areas and Noise Receptors

Status	Date
Preliminary	25/04/2023
RPS Project Number	Revision
NI 2553	--
rpsgroup.com	



Including ASHPs and substation.

Predicted DayTime LAeq, T sound pressure levels.

Receptor Height 1.5m above ground level.

- + Point Source
- Line Source
- ▨ Area Source
- vert. Area Source
- ▬ Road
- ▭ Building
- Cylinder
- Barrier
- ▭ 3D-Reflector
- Embankment
- ⊗ Receiver
- ▭ Calculation Area

- 35 dB
- 40 dB
- 45 dB
- 50 dB
- 55 dB
- 60 dB
- 65 dB
- 70 dB
- 75 dB
- 80 dB
- 85 dB
- 90 dB

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Client: Hamilton Architects

Project: Letterkenny Sports Hub

Title: Daytime Plant and Equipment Noise
Normal Operation

Figure No. Figure 9.6

Project No.	Date	Revision
NI2553	June 2023	V01



Including ASHPs and substation.

Predicted Night-Time LAeq, T sound pressure levels.

Receptor Height 4m above ground level.

- + Point Source
- Line Source
- ▨ Area Source
- vert. Area Source
- Road
- Building
- Cylinder
- Barrier
- 3D-Reflector
- Embankment
- ⊗ Receiver
- Calculation Area

- 35 dB
- 40 dB
- 45 dB
- 50 dB
- 55 dB
- 60 dB
- 65 dB
- 70 dB
- 75 dB
- 80 dB
- 85 dB
- 90 dB

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Client: Hamilton Architects

Project: Letterkenny Sports Hub

Title: Night-Time Plant and Equipment Noise
Normal Operation

Figure No. Figure 9.7

Project No.	Date	Revision
NI2553	June 2023	V01



Including ASHPs, substation and Diesel generator.

Predicted Daytime LAeq, T sound pressure levels.

Receptor Height 1.5m above ground level.

- + Point Source
- Line Source
- ▨ Area Source
- vert. Area Source
- Road
- Building
- Cylinder
- Barrier
- 3D-Reflector
- Embankment
- ⊗ Receiver
- Calculation Area

- 35 dB
- 40 dB
- 45 dB
- 50 dB
- 55 dB
- 60 dB
- 65 dB
- 70 dB
- 75 dB
- 80 dB
- 85 dB
- 90 dB

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Client: Hamilton Architects

Project: Letterkenny Sports Hub

Title: Night-Time Plant and Equipment Noise
Emergency Operation

Figure No. Figure 9.8

Project No.	Date	Revision
NI2553	June 2023	V01