The diagram illustrates the proposed scheme as per draft orders, including SUDS (e.g., basin or pond), calculation area, health & education buildings, sample receptor, and noise level difference contour maps.

Key Areas:
- SMITHTON JUNCTION
- INVERNESS
- RAIGMORE INTERCHANGE
- SMITHDON JUNCTION
- SEAFIELD ROUNDABOUT
- INVERNESS RETAIL AND BUSINESS PARK
- ABERDEEN TO INVERNESS RAILWAY LINE

Legend:
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g., Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor

Noise Level Difference Contour Map (Ground Floor) Do-Minimum Baseline Year Vs Do-Minimum Future Year ($L_{A10,18hr}$ Free-field)

- $x \geq 10\,\text{dB}$
- $5 < x < 10\,\text{dB}$
- $3 < x < 5\,\text{dB}$
- $0 < x < 3\,\text{dB}$
- $x = 0\,\text{dB}$
- $-3 < x < 0\,\text{dB}$
- $-5 < x < -3\,\text{dB}$
- $-10 < x < -5\,\text{dB}$
- $x \leq -10\,\text{dB}$

* Actual shape of pond/basin will be subject to detailed design.
Figure 8.3c
Environmental Statement
Noise Level Difference Contour Map
(Ground Floor) Do-Min. Baseline Year Vs Do-Min. Future Assessment Year

- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receiver
- Do Minimum Baseline Year Vs Do Minimum Future Year (L_{A10,18hr} Free-field)

- Ground Floor
  - x \geq 10 dB
  - 5 < x < 10 dB
  - 3 < x < 5 dB
  - 0 < x < 3 dB
  - x = 0 dB
  - -3 < x < 0 dB
  - -5 < x < -3 dB
  - -10 < x < -5 dB
  - x < -10 dB

* Actual shape of pond/basin will be subject to detailed design.
Figure 8.3d
Environmental Statement
Noise Level Difference Contour Map
(Ground Floor) Do-Min. Baseline Year Vs Do-Min. Future Assessment Year
(Grnd FR E10)

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Do Minimum Baseline Year Vs Do Minimum Future Year (L_A10,18hr Free-field)
  Ground Floor
  x ≥ 10 dB
  5 ≤ x < 10 dB
  3 ≤ x < 5 dB
  0 ≤ x < 3 dB
  x = 0 dB
  -3 ≤ x < 0 dB
  -5 ≤ x < -3 dB
  -10 ≤ x < -5 dB
  x ≤ -10 dB

* Actual shape of pond/pond will be subject to detailed design.
Figure 8.3e
Environmental Statement
Noise Level Difference Contour Map
(Ground Floor) Do-Min. Baseline Year Vs Do-Min. Future Assessment Year
Sheet 5 of 16

Legend
- Proposed Scheme (as per Draft Orders)*
  * Actual shape of pond/basin will be subject to detailed design
- SUDS (e.g. Basin or Pond) *
- Health & Education Buildings
- Sample Receiver
- Do Minimum Baseline Year Vs Do Minimum Future Year ($L_{A10,18hr}$ Free-field Ground Floor)
  - $x \geq 10 \text{ dB}$
  - $5 \leq x < 10 \text{ dB}$
  - $3 \leq x < 5 \text{ dB}$
  - $0 \leq x < 3 \text{ dB}$
  - $x = 0 \text{ dB}$
  - $-3 < x \leq 0 \text{ dB}$
  - $-5 < x \leq -3 \text{ dB}$
  - $-10 < x \leq -5 \text{ dB}$
  - $x = -10 \text{ dB}$

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Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receiver
- Do Minimum Baseline Year Vs Do Minimum Future Year (L_{10,18hr} Free-field)

Ground Floor
- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 0 ≤ x < 3 dB
- x = 0 dB
- -3 ≤ x < 0 dB
- -5 ≤ x < -3 dB
- -10 ≤ x < -5 dB
- x < -10 dB

* Actual shape of pond/basin will be subject to detailed design
Figure 8.3h
Environmental Statement
Noise Level Difference Contour Map
Ground Floor Do-Min. Baseline Year Vs Do-Min. Future Assessment Year

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor

Do Minimum Baseline Year Vs Do Minimum Future Year ($L_{A1,10}$, Free-field) Ground Floor
- $x \leq 10$ dB
- $5 < x < 10$ dB
- $3 < x < 5$ dB
- $0 < x < 3$ dB
- $x = 0$ dB
- $-3 < x < 0$ dB
- $-5 < x < -3$ dB
- $-10 < x \leq -5$ dB
- $x < -10$ dB

* Actual shape of pond/basin will be subject to detailed design

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Environmental Statement
Noise Level Difference Contour Map
(Ground Floor) Do-Min. Baseline Year Vs Do-Min. Future Assessment Year

Figure 8.3i
Figure 8.3k
Environmental Statement
Noise Level Difference Contour Map
(Ground Floor) Do-Min. Baseline Year
Vs Do-Min. Future Assessment Year
Sheet 11 of 16
This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor
- Do Minimum Baseline Year Vs Do Minimum Future Year (L_A,18hr Free-field)

Ground Floor

<table>
<thead>
<tr>
<th>Noise Level Difference</th>
<th>Contour Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>x ≥ 10 dB</td>
<td></td>
</tr>
<tr>
<td>5 ≤ x &lt; 10 dB</td>
<td></td>
</tr>
<tr>
<td>3 ≤ x &lt; 5 dB</td>
<td></td>
</tr>
<tr>
<td>0 ≤ x &lt; 3 dB</td>
<td></td>
</tr>
<tr>
<td>x = 0 dB</td>
<td></td>
</tr>
<tr>
<td>-3 &lt; x ≤ 0 dB</td>
<td></td>
</tr>
<tr>
<td>-5 &lt; x ≤ -3 dB</td>
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</tr>
<tr>
<td>-10 &lt; x ≤ -5 dB</td>
<td></td>
</tr>
<tr>
<td>x ≤ -10 dB</td>
<td></td>
</tr>
</tbody>
</table>

* Actual shape of pond/basin will be subject to detailed design.
Figure 8.3n
Environmental Statement
Noise Level Difference Contour Map
(Ground Floor) Do-Min. Baseline Year Vs Do-Min. Future Assessment Year

Legend
- Proposed Scheme (as per Draft Orders)
- SUDS (e.g. Basin or Pond)*
- Calculation Area
- Health & Education Buildings
- Sample Receptor

Do Minimum Baseline Year Vs Do Minimum Future Year (L_{10,18hr} Free-field)
Ground Floor

- x ≥ 10 dB
- 5 ≤ x < 10 dB
- 3 ≤ x < 5 dB
- 0 ≤ x < 3 dB
- x = 0 dB
- -3 ≤ x < 0 dB
- -5 ≤ x < -3 dB
- -10 ≤ x ≤ -5 dB
- x ≤ -10 dB

* Actual shape of pond/basin will be subject to detailed design.