Appendix B

Taking in Charge Submission
## DOCUMENTS REQUIRED FOR TAKING IN CHARGE SUBMISSIONS

Mandatory information is shown in **bold** type.

<table>
<thead>
<tr>
<th>Information Required (6 copies)</th>
<th>Scale or Date</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location Plan</td>
<td>1:2500 (minimum)</td>
<td></td>
</tr>
<tr>
<td><strong>Site Plan showing:</strong></td>
<td>1:500</td>
<td></td>
</tr>
<tr>
<td>All levels related to Malin Head OSi Benchmark</td>
<td></td>
<td></td>
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<tr>
<td>Site boundary</td>
<td></td>
<td></td>
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<tr>
<td>Roads</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Existing and proposed sewers, drains and rising mains</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pipeline information, including diameter, levels and gradients</td>
<td></td>
<td></td>
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<tr>
<td>Pumping Stations including compound</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Road gullies/highway drains</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Watercourses and Flood risk</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site contours, including regrading</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Supplementary information will/may include:</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proposed buildings, including basements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ground floor levels</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private drainage</td>
<td></td>
<td></td>
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<tr>
<td>Storage/attenuation</td>
<td></td>
<td></td>
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<tr>
<td>Outfalls/headwalls</td>
<td></td>
<td></td>
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<tr>
<td>Borehole locations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Existing sewerage and drainage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nature of ground to be excavated</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Longitudinal Sections (sewers &amp; rising mains) showing:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Levels, gradients and chainages</td>
<td>1:500 Horizontal</td>
<td>All drawings to be prepared to specified format and supplied electronically and in hard copy</td>
</tr>
<tr>
<td>Cover and Invert levels</td>
<td>1:100 Vertical</td>
<td></td>
</tr>
</tbody>
</table>

- (a) The following sewer information should be supplied: Manhole x and y co-ordinates, Cover level, Invert level, Pipe diameter, Pipe material and Direction of Flow.
- (b) The layout should be accurately positioned (+/- 300mm relative to local detail) on the latest published version of the ordnance survey 1:1000 series.
- (c) All dimensions should be metric.
- (d) All levels should be relative to ordnance survey datum to an accuracy of +/- 5mm, and state which benchmark has been used.
- (e) A list of National Grid Co-ordinates (accurate to +/- 300mm) for manholes should be supplied.
| **Pipe material** |  |
| **Pipe strength** |  |
| **Pipe diameters** |  |
| **Bedding classification & details** |  |
| **Air valves and washouts** |  |
| *Supplementary information will/may include:* |  |
| **Existing services** |  |
| **Borehole information** |  |
| **Groundwater/watercourse flood levels** |  |
| **Copies of hydraulic design calculations** |  |
| **Foul water (including trade effluents)** |  |
| **Surface water (including impermeable area plan and SuDS details)** |  |
| **Design parameters used** |  |
| **Construction details showing:** |  |
| **Manholes** |  |
| **Pumping stations** |  |
| **Manhole schedules** |  |
| *Supplementary information will/may include:* |  |
| **Attenuation tanks** |  |
| **Ancillaries** |  |
| **Flood Routing** |  |
| **Testing Results including:** |  |
| **CCTV records and interpretation** |  |
| **Test certificates for materials and construction** |  |
| **Pumping Stations information showing:** |  |
| **General arrangement details** |  |
| **Wet Well capacity/storage/time to spillage** |  |
| **Rising Main Capacity** |  |
### Surge calculations

*Supplementary information will/may include:*

- Telemetry/flow/raingauges
- Results of pump draw-down tests
- Structural calculations & drawings
- Flotation check
- Pump manufacturer’s design
- Pump head discharge curve
- Emergency overflow details and consent
- Project safety file if applicable

#### Project Supervision Requirements

It is likely that the majority of development sites will be bound by the Safety, Health and Welfare at Work (Construction) Regulations 1995, S.I. 138 of 1995.

Much of the information required to approve taking in including the supplementary information listed above, should be readily available to either:

- the Client or
- the Designer
- the Project Supervisor
- The Principal Contractor, appointed by the Client as competent, responsible persons under the Regulations.

Before any Council staff visit the site for inspections, the Council must be provided details of:

- the Designer
- the Project Supervisor
- the Project Contractor

<table>
<thead>
<tr>
<th>Estimated value of sewerage construction work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated value of Pumping Stations and Rising Mains (inc. overheads, profit, insurance’s, etc.)</td>
</tr>
<tr>
<td>Details of full rights to discharge to:</td>
</tr>
<tr>
<td>-----------------------------------------</td>
</tr>
<tr>
<td>Watercourses</td>
</tr>
<tr>
<td>Canals etc. (consents/licences)</td>
</tr>
<tr>
<td><strong>Details of Wayleaves and Access Arrangements with Others</strong></td>
</tr>
<tr>
<td><strong>Details of Land Transfers and ownership</strong></td>
</tr>
</tbody>
</table>

All submissions shall use the format and standard details contained in Appendix H.