

## Appendices

### Appendix A

Topographical/Drainage Survey

Yorkshire Water Sewer Plans

### Appendix B

Environment Agency Product 4 Flood Mapping

Site Masterplan with Environment Agency Flood Zone Mapping Overlaid - 60304-FRA-101

### Appendix C

Site Specific Flood Modelling Reports (by FRC)

Site Masterplan with Modelled Flood Outlines Overlaid - 60304-FRA-105

### Appendix D

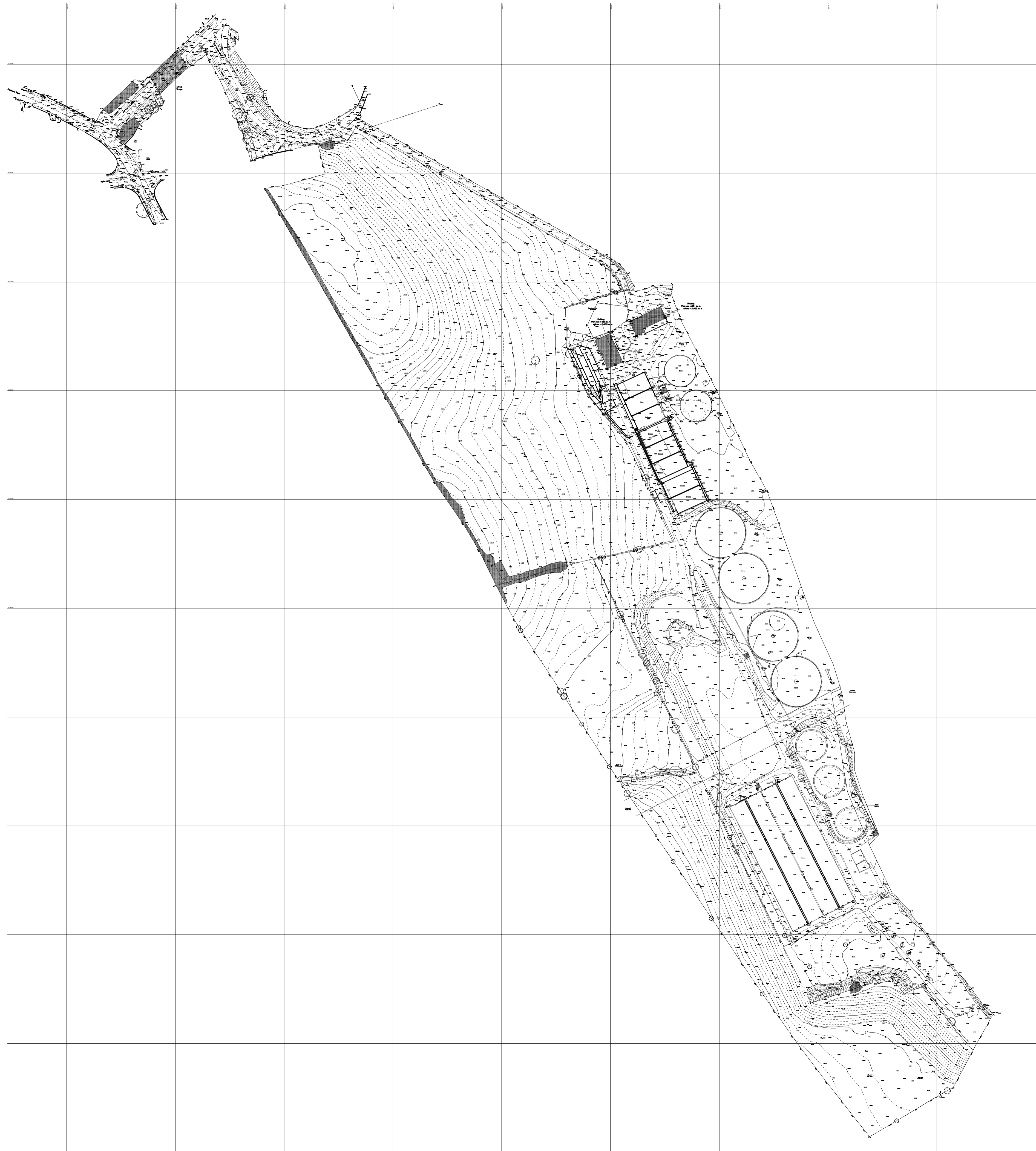
Drainage Area Catchment Plan – 60304-FRA-100

Outline Drainage Strategy Drawings - 60304-FRA-102

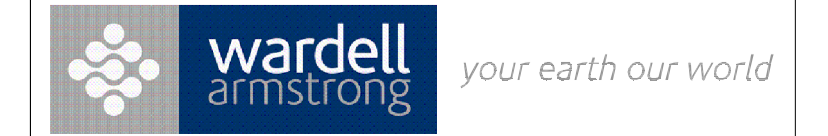
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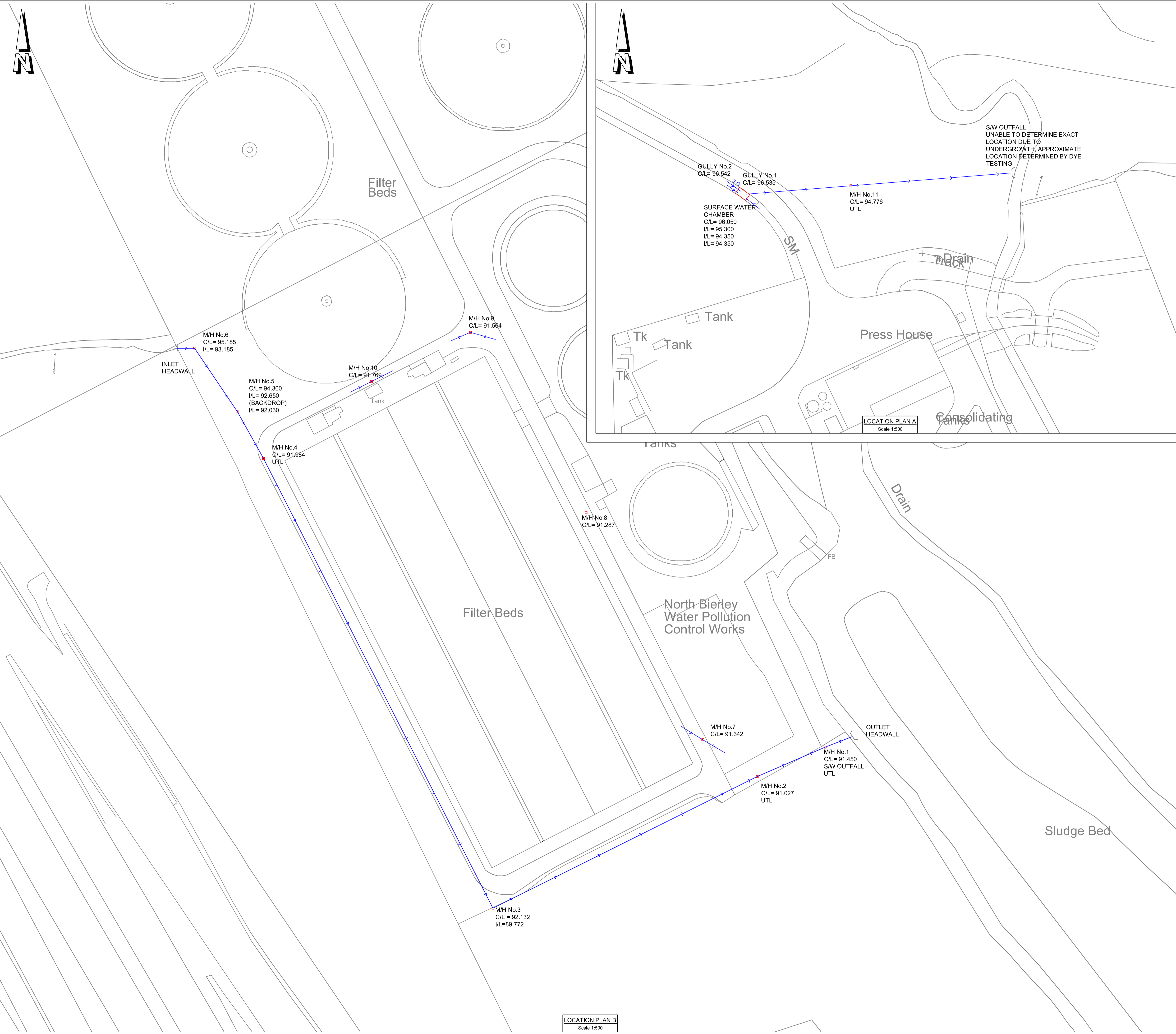
60304-FRA-104

## Appendix A

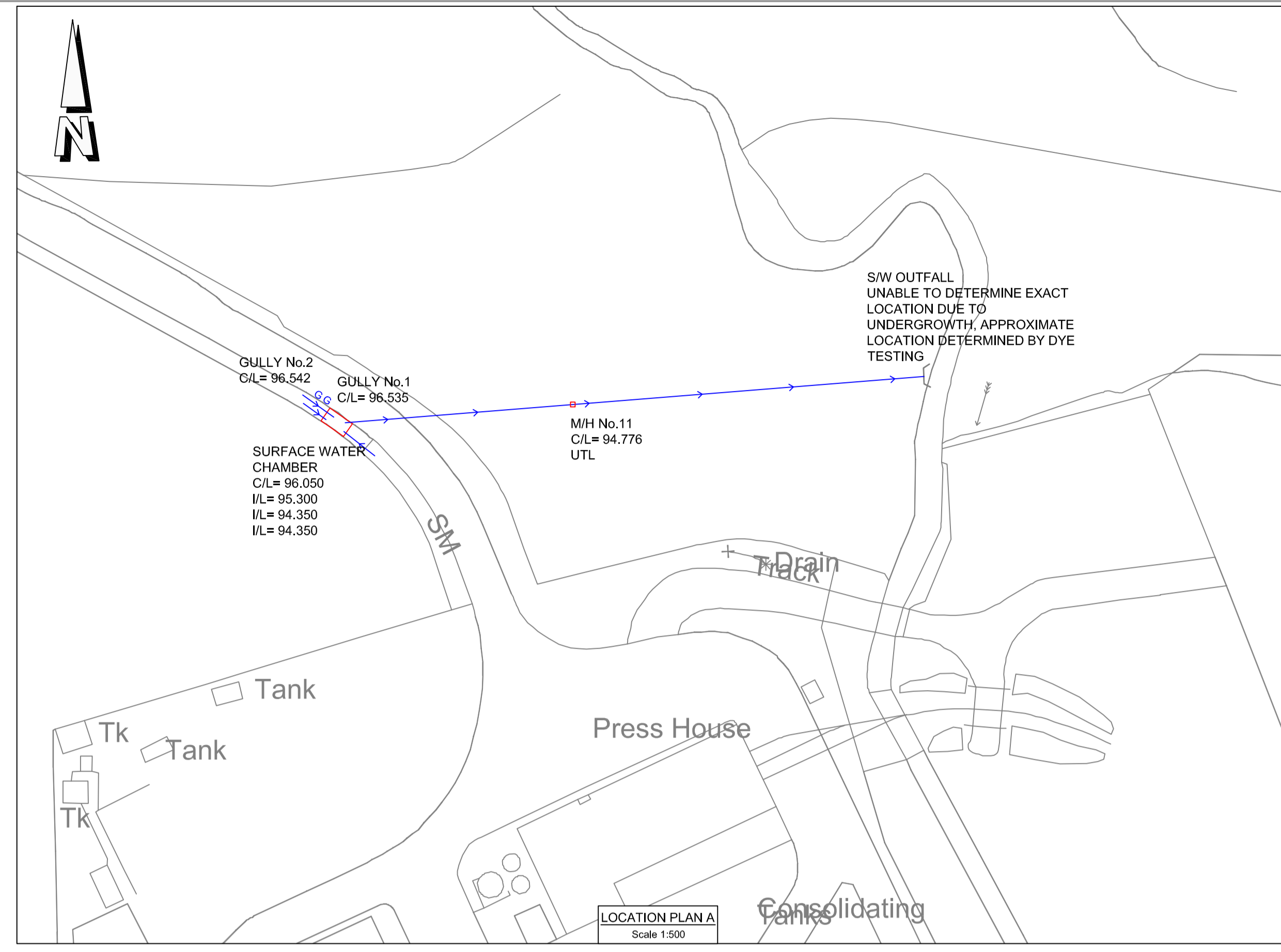


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|---|-------------------|---|-------------------|------------------------------------|-------------------|
| REVISION  | DETAILS           | DATE  | DRAWN             | CHECKED                            | APP'D             |
| A   | First Issue       | 27/03/14                                      | DP                | ND                                 | GW                |
| CLIENT<br>KEYLAND DEVELOPMENTS LTD                                    |                   |   |                   |                                    |                   |
| PROJECT<br>NORTH BIERLEY WWTW   |                   |   |                   |                                    |                   |
| DRAWING TITLE<br>TOPOGRAPHICAL SURVEY<br>MARCH 2014<br>(SHEET 1 OF 2) |                   |   |                   |                                    |                   |
| DRG No.   | SH10534-004       | SCALE   | 1:1000 @ A1       | DATE                               | 18/03/14          |
| DRAWN BY  | DP                | CHECKED BY                                    | ND                | APPROVED BY                        | GW                |
| <input type="checkbox"/> STOKES ON-TRENT (HEAD OFFICE)                | TEL 0845 111 7777 | <input type="checkbox"/> CARDIFF              | TEL 029 2072 9191 | <input type="checkbox"/> LEIGH     | TEL 01942 260101  |
| <input type="checkbox"/> NEWCASTLE UPON TYNE                          | TEL 0191 232 0943 | <input checked="" type="checkbox"/> SHEFFIELD | TEL 0114 246 6344 | <input type="checkbox"/> EDINBURGH | TEL 0131 555 2311 |
| <input type="checkbox"/> WEST BROMWICH                                | TEL 0121 660 0909 | <input type="checkbox"/> LIVERPOOL            | TEL 0151 484 5431 |                                    |                   |
| <input type="checkbox"/> LONDON                                       | TEL 020 7287 2872 |   |                   |                                    |                   |

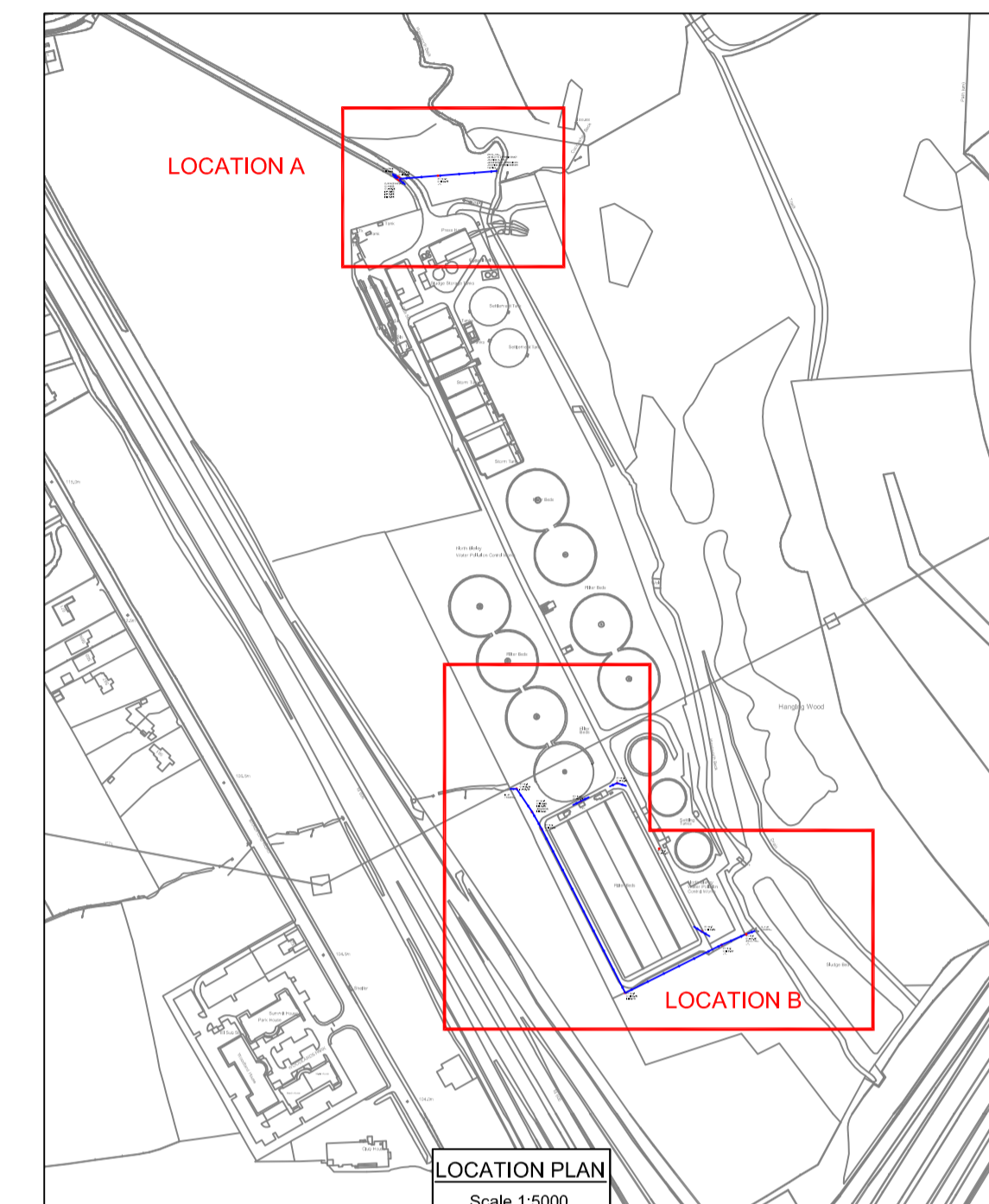




LOCATION PLAN B  
Scale 1:500



**Notes**  
1 LEVELS ARE RELATIVE TO OS ESTABLISHED BY GPS.



**LEGEND**

- Existing Surface water sewer
- Existing manhole
- UTL Unable to lift

| AMENDMENTS | DRAWN | CHECK | DATE |
|------------|-------|-------|------|
|            |       |       |      |

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|                          |                                    |
|--------------------------|------------------------------------|
| <b>OS REF:</b><br>SE1827 | <b>GRID REF:</b><br>418000, 427500 |
|--------------------------|------------------------------------|

|                                       |
|---------------------------------------|
| <b>CLIENT</b><br>KEYLAND DEVELOPMENTS |
|---------------------------------------|

|                         |                      |
|-------------------------|----------------------|
| <b>SCHEME REFERENCE</b> | <b>DAZ REFERENCE</b> |
|-------------------------|----------------------|

|  |
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| <b>PROJECT TITLE</b><br>NORTH BIERLEY STW,<br>BRADFORD |
|--|

|  |
|--|
| <b>DRAWING TITLE</b><br>SURVEY OF EXISTING<br>SURFACE WATER DRAINS |
|--|

|                   |   |                   |              |                   |               |          |                  |                   |  |               |  |               |  |                   |                   |  |               |  |  |               |  |
|-------------------|---|-------------------|--------------|-------------------|---------------|----------|------------------|-------------------|--|---------------|--|---------------|--|-------------------|-------------------|--|---------------|--|--|---------------|--|
|                   | <b>PETER DUFFY LIMITED</b><br>Connaught House, Park View,<br>Lofthouse Gate, Wakefield, WF3 3HA<br>Telephone : 01924 871100<br>Fax : 01924 871199<br>Email : info@peterduffytd.com<br>Internet : www.peterduffytd.com   |                   |              |                   |               |          |                  |                   |  |               |  |               |  |                   |                   |  |               |  |  |               |  |
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| INITIALS DATE     | AS SHOWN  | <h1>3610-01</h1>  |              |                   |               |          |                  |                   |  |               |  |               |  |                   |                   |  |               |  |  |               |  |
| <b>AutoCAD BY</b> |   |                   |              |                   |               |          |                  |                   |  |               |  |               |  |                   |                   |  |               |  |  |               |  |
| INITIALS DATE     |   |                   |              |                   |               |          |                  |                   |  |               |  |               |  |                   |                   |  |               |  |  |               |  |
| A.L. 03/09/15     |   |                   |              |                   |               |          |                  |                   |  |               |  |               |  |                   |                   |  |               |  |  |               |  |
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| INITIALS DATE     |   |                   |              |                   |               |          |                  |                   |  |               |  |               |  |                   |                   |  |               |  |  |               |  |
| A.D. 03/09/15     |   |                   |              |                   |               |          |                  |                   |  |               |  |               |  |                   |                   |  |               |  |  |               |  |

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| <b>CHECKED BY</b> | <b>PROJECTION</b> |                   |
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| A.D. 03/09/15     |                   |                   |

