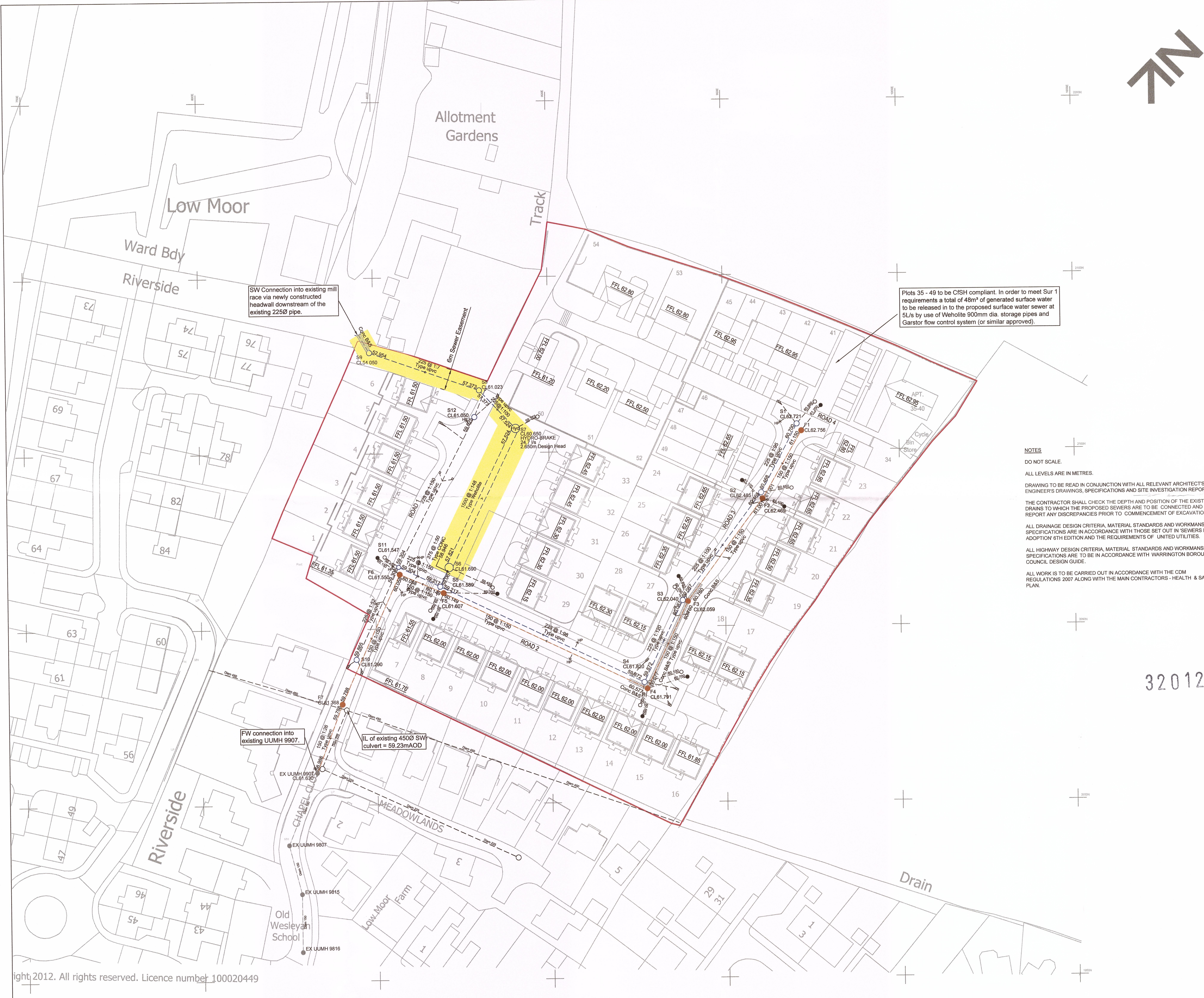




SW Connection into existing mill race via newly constructed headwall downstream of the existing 2250 pipe.

Plots 35 - 49 to be CISH compliant. In order to meet Sur 1 requirements a total of 48m<sup>3</sup> of generated surface water to be released in to the proposed surface water sewer at 5L/s by use of Wehollite 900mm dia. storage pipes and Garstor flow control system (or similar approved).

FW connection into existing UUMH 9907.

IL of existing 4500 SW culvert = 59.23mAOD

NOTES

DO NOT SCALE.

ALL LEVELS ARE IN METRES.

DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS, SPECIFICATIONS AND SITE INVESTIGATION REPORT.

THE CONTRACTOR SHALL CHECK THE DEPTH AND POSITION OF THE EXISTING DRAINS TO WHICH THE PROPOSED SEWERS ARE TO BE CONNECTED AND REPORT ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF EXCAVATIONS.

ALL DRAINAGE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS ARE IN ACCORDANCE WITH THOSE SET OUT IN SEWERS FOR ADOPTION 6TH EDITION AND THE REQUIREMENTS OF UNITED UTILITIES.

ALL HIGHWAY DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS ARE TO BE IN ACCORDANCE WITH WARRINGTON BOROUGH COUNCIL DESIGN GUIDE.

ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE CDM REGULATIONS 2007 ALONG WITH THE MAIN CONTRACTORS - HEALTH & SAFETY PLAN.

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed it's Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Drainage Legend:

- Proposed foul water sewer and manhole
- Proposed surface water sewer and manhole
- Proposed Highway Drain and manhole
- Proposed road gully with 1500 connecting pipe
- Proposed FW Lateral connection manhole with 1500 connection
- Proposed SW Lateral connection manhole with 1500 connection
- Proposed Finished Floor Level
- Site Boundary
- Drainage easement as required by United Utilities.
- 150 mm Concrete Bed & Surround

| Rev. | Date     | Amendment                                                    | Drawn | Chkd. | Appd. |
|------|----------|--------------------------------------------------------------|-------|-------|-------|
| P5   | 14.08.12 | SW Dragout to plot 47-49 removed. Storage reduced to 1500dia | DJH   | CB    | ISC   |
| P4   | 26.06.12 | Easements amended to uu reqs                                 | AD    | CB    | ISC   |
| P3   | 10.05.12 | MHS7 CL amended                                              | TF    | CB    | ISC   |
| P2   | 01.05.12 | Plots 35-49 CISH requirements added.                         | CB    | ISC   | ISC   |
| P1   | 30.04.12 | For Approval                                                 | PW    | CB    | ISC   |



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Client

**Taylor Wimpey**

Project Title

Chapel Close  
Low Moor  
Clitheroe

Drawing Title

Adoptable Drainage  
Layout

| Drawn       | Date      | Checked    | Date        | Approved     | Date   |
|-------------|-----------|------------|-------------|--------------|--------|
| TF          | MAY 12    | CB         | MAY 12      | ISC          | MAY 12 |
| Scale       | Orig Size | Dimensions | Project No. | Drawing File |        |
| 1:500       | A1        |            | 880181      |              |        |
| Drawing No. | Rev.      |            |             |              |        |
| 40-01       | P5        |            |             |              |        |

