



EXISTING GARDEN ROOM BUILT CIRCA 2008

EXISTING MANOR HOUSE BUILT CIRCA 1600 - 1624

WINDOW TO BE EXPOSED

NOTE:  
DASHED RED LINES  
DENOTE EXISTING  
GROUND FLOOR LEVEL  
STRUCTURE TO BE  
DEMOLISHED

320mm WD x 290mm DP  
TIMBER BEAM

280mm WD x 290mm DP  
TIMBER BEAM

210mm DP TIMBER  
BEAM

190mm DP TIMBER

200mm WD TIMBER  
POST

120mm DP TIMBER  
RAFTER

50mm DP TIMBER  
RAFTERS (TYP)

TP1  
2No 100x50 C24's + 1No  
10mm THK MS FLITCH  
PLATE TO RESUPPORT  
TIMBER

LEVEL FLOOR

C2  
UNDER

C1  
OVER

C2  
UNDER

NOTE:  
DASHED BLUE LINES DENOTE  
EXISTING FLOOR BEAMS

GARDEN ROOM FIRST FLOOR PLAN  
SHOWING REMEDIAL WORKS

SCALE = 1:50

MANOR HOUSE FIRST FLOOR PLAN  
SHOWING REMEDIAL WORKS

SCALE = 1:50

LEGEND

|             |                                                                               |
|-------------|-------------------------------------------------------------------------------|
| C1          | 100x100x10.0 SHS (S355)                                                       |
| C2          | 100x100x10.0 SHS (S355)                                                       |
| P1          | 100x100x10.0 SHS (S355)                                                       |
| SB01        | 152x152x30 UC (S355)                                                          |
| SB02        | ???x??? (S355) STRUCTURAL TEE                                                 |
| PR01        | 152x152x51 UC (S355) OPTION 1                                                 |
| PR02        | 230x90x32 PFC (S355) OPTION 2                                                 |
| RB01        | 152x152x44 UC (S355)                                                          |
| RB02        | 152x152x23 UC (S355)                                                          |
| LSB01       | 152x152x30 UC (S355) PREFERRED<br>200x75x23 PFC AS ALTERNATIVE                |
| J           | 170x47 C24's AT 400mm CENTRES                                                 |
| R           | 195x47 C24's AT 400mm CENTRES                                                 |
| FRJ         | 120x47 C24's AT 300mm CENTRES                                                 |
| TR1         | 3No 170x47 C24's BOLTED TOGETHER<br>USING M12's AT 350mm STAGGERED<br>CENTRES |
| TR2         | 3No 170x47 C24's BOLTED TOGETHER<br>USING M12's AT 350mm STAGGERED<br>CENTRES |
| VALLEY BEAM | 1No 220x47 C24 BOLTED TO EXISTING<br>TIMBERS                                  |

Notes :-

- This drawing is to be read in conjunction with all relevant Architect's, Engineer's and specialists' drawings and specifications.
- XXXXXXXXXX

 To check that this drawing has been printed to the intended scale this bar should be 50mm long @A1 or 25mm long @ A3
- Health & Safety :  
All specific drawing notes are to be read in conjunction with the project "Information Pack" and "Site Rules".
- For general notes refer to Drawing No. GN01
- All drawings to be read in conjunction with the specification.
- All temporary works to others design, prior approval to be sought by Engineer to starting on site. Recommendation for steel fabricator.
- All calculations to be submitted to building control prior to starting on site for checking.
- All foundations to bear a minimum of 300mm into natural solid ground.
- No adjacent foundations to be undermined, if contractor feels this may happen, footings adjacent should be cast in an underpinning sequence.
- Condition of existing structure is not the responsibility of the structural engineer. Builder to confirm that existing structure is adequate. If any remedial works are needed to be complete, contact engineer.
- Builder to confirm all existing load bearing structure and existing joist spans on site and what is shown on the drawings is correct.
- Any discrepancies between what is on site and on the drawings, contractor to confirm back to engineer immediately.
- Do not scale off the drawings. All setting out is to the architects drawings and information.
- All connections are to others design. Minimum loads are 150kN in shear. (Ultimate loads.) Fabricator must produce drawings for engineer to approve.
- No arboricultural report has been undertaken so final depths of foundations are to be confirmed on site with building control.
- All foundations to have 75mm Claymaster to inner face in clay soils.
- All foundations bear a min of 300mm into natural soils.

REMEDIAL WORKS

|     |          |       |     |             |  |
|-----|----------|-------|-----|-------------|--|
|     |          |       |     |             |  |
| 1   | 15/08/26 | JHT   | AH  | FIRST ISSUE |  |
| Rev | Date     | Drawn | Eng | Amendment   |  |

|        |        |
|--------|--------|
| Status | TENDER |
|--------|--------|

OLD MANOR HOUSE.  
SHAFENHOE END.  
BARLEY. SG8 8LE.  
MANOR HOUSE AND GARDEN  
ROOM. FIRST FLOOR PLAN  
REMEDIAL WORKS

|            |           |             |    |
|------------|-----------|-------------|----|
| Drawn      | JHT       | Eng         | AH |
| Scales     | 1:50at A1 | 1:100 at A3 |    |
| Drawing No | 1964/303  | Rev         | 1  |

FOR SECTION X - X SEE DRG No 1964/303

AH STRUCTURALDESIGN