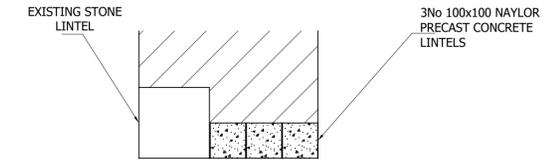
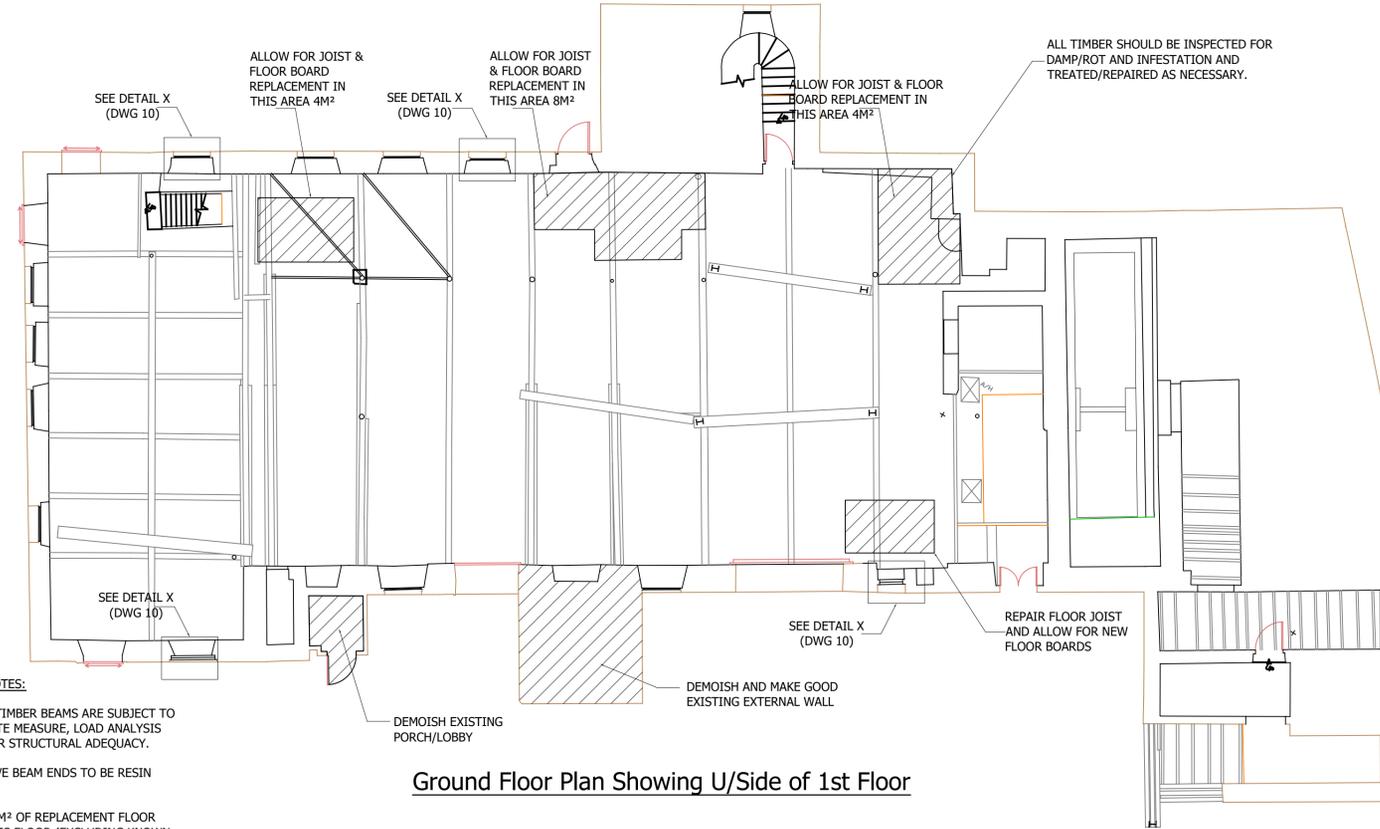


### Steel

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. DRAWINGS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS. IN THE ABSENCE OF A PROJECT SPECIFICATION ALL STEELWORK TO BE IN ACCORDANCE WITH 'THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION' LATEST VERSION, PUBLISHED BY THE BCSA.
4. STEELWORK CONTRACTOR TO CONFIRM ALL DIMENSIONS
5. AS DEFINED BY BS EN 1090-2, EXECUTION CLASS OF THE STEELWORK SHOWN ON THIS DRAWING IS EXC 2
6. ALL HOT ROLLED STEELWORK SECTIONS TO BE GRADE ADVANCE 275JR AND HOLLOW SECTIONS TO BE CELSIUS 355J2H UNO.
7. CONNECTIONS TO HAVE A MINIMUM OF TWO BOLT M16 GRADE 8.8 FIXINGS AND 6MM FILLET WELDS UNO.
8. STEEL TO BE FINISHED WITH BLAST CLEAN 2.5, 80 MICRONS OF HIGH BUILD ZINC PHOSPHATE EPOXY PRIMER.
9. FOR DETAILS OF FIRE PROTECTION TO STEELWORK REFER TO THE ARCHITECT'S DRAWING
10. MASONRY BLOCK WORK WHERE TIED TO STEEL TO BE WITH STAINLESS STEEL TIES AT 900MM CENTRES VERTICALLY.
11. ABBREVIATIONS:-
  - a. TOF - TOP OF FOUNDATION
  - b. SSL - STRUCTURAL SLAB LEVEL
  - c. TOS - TOP OF STEEL
  - d. SOP - SETTING OUT POINT
  - e. UNO - UNLESS NOTED OTHERWISE
  - f. FFL - FINISHED FLOOR LEVEL
  - g. CR - COLD ROLLED
12. UNLESS NOTED OTHERWISE CONNECTIONS ARE DESIGNED TO A SHEAR LOAD OF 40KN. AXIAL LOAD TO BRACING MAXIMUM 20KN.



**SECTION WINDOW HEAD REPAIR  
DETAIL 'X'**  
(Scale 1:10)



**Ground Floor Plan Showing U/Side of 1st Floor**

**IMPORTANT NOTES:**  
 ALL EXISTING TIMBER BEAMS ARE SUBJECT TO A DETAILED SITE MEASURE, LOAD ANALYSIS AND CHECK FOR STRUCTURAL ADEQUACY.  
 ALLOW FOR FIVE BEAM ENDS TO BE RESIN REPAIRED  
 ALLOW FOR 12M² OF REPLACEMENT FLOOR BOARDS ON THIS FLOOR (EXCLUDING KNOWN REPAIR LOCATIONS)

**CDM**  
 FLOODING - THE CONTRACTOR IS TO ENSURE THAT ANY DRAINAGE WORKS ON EXISTING DRAINAGE ARE CARRIED OUT IN SUCH A MANNER AS TO MAINTAIN EXISTING FLOWS.  
 REFERENCE TO LOCAL WEATHER FORECASTS SHOULD BE ADOPTED.  
 ROOF/FLOOR DECKING COLLAPSE - DECKING TO BE FIXED TO STEEL ADEQUATELY PRIOR TO ANY CONSTRUCTION/PERMANENT LOAD.BRACED  
 BAY - ASSURE ERECTION OF STEELWORK TO BE STARTED AT BRACED BAYS AND STABILITY MAINTAINED AT ALL TIMES.  
 PAINTING - ALL STEEL WORK WHERE PRACTICALLY POSSIBLE TO BE PRE-PAINTED IN A WORKSHOP.  
 CONTRACTOR TO SUPPLY METHOD STATEMENT OF WORKS.  
 THIS IS TO BE APPROVED IN WRITING BY MAIN CONTRACTOR PRIOR TO CONSTRUCTION.  
 ALL OPERATIVES TO BE SUITABLY TRAINED AND EXPERIENCED IN CORRECT LIFTING PRACTICES.

B	18.10.16	JG	Issued for Tender
A	07.10.16	DW	Issued for Tender
Revision	Date	By	Description

**gravitate consulting**  
Civil and Structural Engineers

The Heath Business & Technical Park, Runcorn, Cheshire WA7 4QX  
Tel 01928 518008 Email eng@gravitateconsulting.com

Client **SCPI BOWLANDS LTD**

Site **CHIPPING**

Project **KIRK MILL**

Drawing Title **GROUND AND FIRST FLOOR PLAN**

Status :	<b>Tender</b>	Date:	<b>OCT 16</b>
Scale :	<b>1:100</b>	Job Number:	<b>12-155</b>
Drawn By:	<b>DW</b>	Drawing Number:	<b>6</b>
Checked By:	<b>RS</b>	Revision:	<b>A</b>

