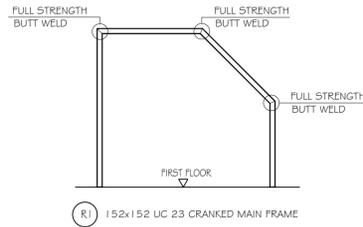


**PART FIRST FLOOR LAYOUT
SHOWING STRUCTURE OVER**
SCALE 1:100



TRUSSED RAFTER NOTE:
THE TRUSSED RAFTER MANUFACTURERS ARE RESPONSIBLE FOR THE DESIGN, FABRICATION, SUPPLY AND ERECTION OF ALL TIMBER RAFTERS AND OTHER TIMBER MEMBERS INCLUDING ALL TEMPORARY AND PERMANENT BRACING, NOGGING PIECES, TRUSS CLIPS, LOOSE RAFTERS AND STRAPPING ETC.
ALL RAFTERS TO BE DOUBLED UP EACH SIDE OF ROOF LIGHTS AND DORMERS TO ARCHITECTS DRAWINGS FOR LOCATION AND ORIENTATION.
SUITABLE TRUSS CLIPS OR FRAMING ANCHORS TO BE USED TO CONNECT RAFTERS TO WALL PLATES.
UNLESS WALL PLATES ARE FIXED TO TOP OF STEELWORK -- SUITABLE 30x2.5 GALV. MS STRAPS AT 1500 MAX. CRS TO BE USED TO SECURE WALL PLATES TO TOP OF WALLS.
30x5 GALV. MS STRAPS AT TRUSSED RAFTER AND CEILING LEVEL TO BE PROVIDED TO RESTRAIN INTERNAL AND EXTERNAL GABLE WALLS AT 1500 MAX. CRS.
ALL STEELWORK SUPPORTING WALL PLATES TO BE PRE DRILLED WITH 12mm HOLES AT 600 CRS STAGG. WALL PLATES TO BE FIXED TO TOP OF STEELWORK WHERE NECESSARY WITH M10 BOLTS AT 600 CRS STAGG.

THE TRUSSED RAFTER LAYOUT SHOWN ON THIS DRAWING IS FOR INFORMATION ONLY -- HOWEVER ANY MAJOR DEVIATION FROM THAT SHOWN MUST BE REPORTED TO THE STRUCTURAL ENGINEER IN ORDER FOR THE REVISED LOAD PATHS CAN BE ASSESSED.

LINTEL SCHEDULE BIRTLEY U.N.O (350mm G/A)	
LINTEL REF.	LINTEL TYPE
L1	BIRTLEY SB100 OR NAYLOR S4 (100WDx 100DP PPCL)
L2	MIN. 2/47x150 (C24) OR 152x89 UB (TO SUPPORT EXISTING ROOF)
L3	BIRTLEY CB90
L4	140x140x8.0 SHS (GRADE S355)
L5	BIRTLEY CB90 AND 100 DP PLANK LINTEL
L6	BIRTLEY CB90
L7	BIRTLEY SB100 PER LEAF
L8	BIRTLEY CB110/130
L9	BIRTLEY LA
L10	BIRTLEY SB100 OR NAYLOR P100 (100WDx 65DP PPCL)
L11	BIRTLEY SB100 OR NAYLOR S4 (100WDx 100DP PPCL)
L12	100x100x5.0 SHS (GRADE S355)
L13	BIRTLEY CB110/130
L14	152x89 UB 1G INNER LEAF BIRTLEY LA EXTERNAL LEAF.
L15	BIRTLEY CB90
L16	BIRTLEY MD110/130

ALL LINTELS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS INCLUDING ALL NECESSARY TEMPORARY WORKS.
LINTELS TO BE INSTALLED WITH MINIMUM 150mm END BEARING AT BOTH ENDS (UNO).

BLOCKWORK WALL STRENGTHS (UNLESS NOTED OTHERWISE ON PLAN)	
GROUND TO ROOF	
140 WD.....	3.6N/mm ²
100mm WD.....	3.6N/mm ²
MORTAR STRENGTH	
ABOVE DPC LEVEL..... 1:5/6 (M4)	

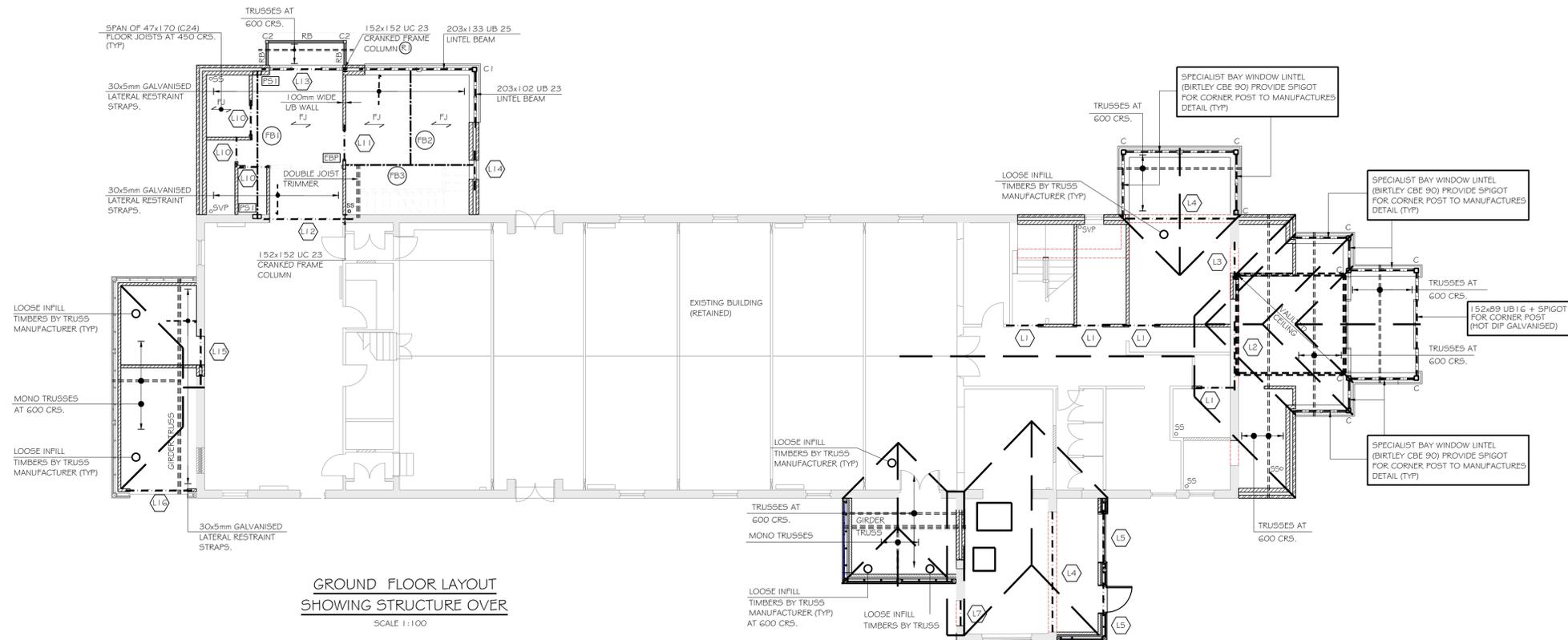
BEAM/COLUMN SCHEDULE (S355 MIN.)	
BEAM REF.	BEAM TYPE
FB1	203x203 UC 46
FB2	152x152 UC 23
FB3	152x152 UC 37
C	70x70x5.0 SHS (HOT DIPPED GALVANISED)
C1	100x100x5.0 SHS CORNER POST (HOT DIPPED GALVANISED)
C2	100x100 (C24) TIMBER POST

ROOF TIMBER SCHEDULE	
P	72x150 (C24) PURLINS
S	MIN. 90x75 (C24) STRUTS AT 2.1m CRS.
R	INDICATES SPAN OF 44x150 (C24) RAFTERS AT 600 CRS.
HR	72x250 (C24) HIP RAFTER OR 152x152 UC 23.
RB	2No 44x150 (C24) ROOF BEAMS BOLTED AND TOOTH NAILED TOGETHER.

PADSTONE SCHEDULE	
EBP	ENGINEERING BRICK PADSTONE.
PS1	300LG x 140WD x 100DP MASS CONCRETE.

TRUSS RAFTER LOADS (EXCLUDING SELF WEIGHT OF TIMBER TRUSSES)	
TILES, BATTENS AND FELT	1.00kN/m ²
CEILING AND INSULATION	0.25kN/m ²
IMPOSED SNOW	0.60kN/m ²
IMPOSED CEILING	0.25kN/m ²

- NOTES: -**
- DO NOT SCALE FROM THIS DRAWING ALL DIMENSIONS ARE IN MILLIMETRES UNO ALL DIMENSIONS TO BE CHECKED ON SITE.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES BETWEEN DRAWINGS SHOULD BE REPORTED TO THE ENGINEER AND ARCHITECT AS SOON AS POSSIBLE AND BEFORE CONSTRUCTION.
 - THE MAIN CONTRACTOR IS RESPONSIBLE FOR ENSURING THE STABILITY OF THE STRUCTURE AND THE STABILITY OF ADJACENT STRUCTURES WHILST THE WORKS ARE IN PROGRESS.
 - ALL STEELWORK TO BE GRADE S275 UNO.
 - ALL BOLTS TO BE GRADE 8.8.
 - STEELWORK PRIMER - 2 COATS x 75 MICRONS ZINC PHOSPHATE.
 - ALL STEELWORK IN CAVITY WALLS TO BE COATED WITH 2 COATS OF BITUMASTIC PAINT.
 - ALL EXTERNAL STEELWORK TO BE HOT DIP GALVANISED UNO OR SPECIALIST PAINTED.
 - MINIMUM WELDS TO BE 6mm FILLET.
 - FOR ALL SETTING OUT AND WALL THICKNESSES REFER TO ARCHITECTS DRAWINGS.
 - FIRE PROTECTION TO STEELWORK TO ARCHITECTS DETAILS.
 - ALL BLOCKWORK TO BE MINIMUM 3.6N/mm² UNO.



**GROUND FLOOR LAYOUT
SHOWING STRUCTURE OVER**
SCALE 1:100

TENDER ISSUE

CLIENT	WIVELSFIELD VILLAGE HALL
ARCHITECT	CROWTHER ASSOCIATES
JOB TITLE	WIVELSFIELD VILLAGE HALL EXTENSION
DRAWING TITLE	SUPERSTRUCTURE DETAILS

SCALE AT A1: 1:100, 1:25	DATE JUN 2019	DRAWN BC	JOB No. E7473
	ENG. MN	CHECKED -	DRAWING No. 02

T1	07.20	ISSUED FOR TENDER
T	-06.19	ISSUED FOR TENDER
REV.	DATE	DESCRIPTION

SWP
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JOB No. E7473	DRAWING No. 02	REV. T1
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