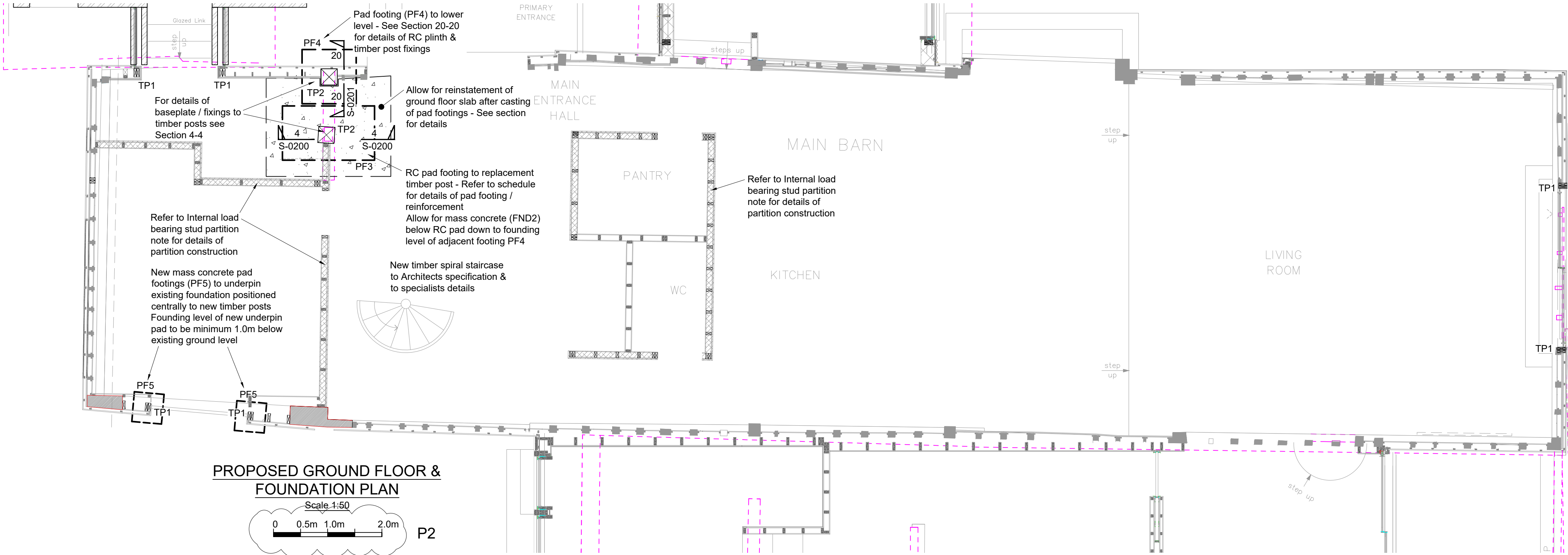
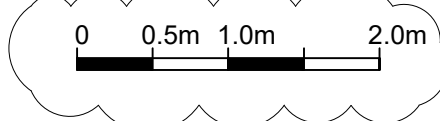




PROPOSED GROUND FLOOR & FOUNDATION PLAN

Scale: 1:50



P2

FOUNDATIONS SCHEDULE / NOTES:

ST1 - 500x800mm dp. minimum mass concrete strip footing
ST2 - 600x800mm dp. minimum mass concrete strip footing
PF1 - 750x750x800mm dp. minimum mass concrete pad footing
PF2 - 1000x1000x800mm dp. minimum mass concrete pad footing
PF3 - 1700x1000x800mm dp. RC pad footing (RC35 concrete) reinforced with H12 bars at 200mm crs. both ways top with H16 bars at 200mm crs. both ways 50mm cover
PF4 - 1000x1000x800mm dp. minimum mass concrete pad footing
PF5 - 550x550x800mm dp. minimum mass concrete pad footing
- Mass concrete strip / pad footings cast in FND2 grade concrete & RC pad footings cast in RC35 grade concrete all founded onto approved Lowestoft bearing strata with a minimum founding level 1.0m below existing ground level unless noted otherwise & to the approval of the Building Inspector
- New foundations to be founded 150mm below any drain inverts or minimum founding levels as noted whichever is greater
- Minimum allowable bearing pressure to be 100kN/m² with all founding levels subject to inspection & approval by Building Inspector prior to pouring concrete
- Read with general notes drawing S-0001
- (D) 4M16 resin dowel bars 500mm long between new and existing footings.

TIMBER MEMBER SCHEDULE:

FJ1 50x200 Floor joists (C24) at 400mm crs.
FJ2 50x150 Floor joists (C24) at 400mm crs.
RR1 50x150 Roof rafters (C24) at 400mm crs.
RJ1 50x150 Flat roof joists (C24) at 400mm crs.
RJ2 50x200 Flat roof joists (C24) at 400mm crs.
CJ1 50x150 ceiling joists (C24) at 400mm crs.
FB1 2No. 50x150 (C24) joists with 2No. 10mm thk. x 125mm steel plates between timbers bolted together with M12 bolts at 350mm crs.
FB2 2No. 50x200 (C24) joists with 10mm thk. x 175mm central steel plate bolted together with M12 bolts at 350mm crs.
B2 50x200 (C24) timber bolted to existing eaves beam with M12 bolts at 600mm crs.
B4 2No. 50x150 (C24) timbers bolted together with M12 bolts at 600mm crs.
B5 50x125 (C24) timber bolted to existing eaves beam with M12 bolts at 600mm crs.
B6 50x150 (C24) timbers bolted together with M12 bolts at 600mm crs.
B7 50x200 (C24) timbers bolted together with M12 bolts at 600mm crs.
TP1 2No. 50x150 (C24) timber posts bolted together with M12 bolts at 600mm crs.
TP2 300x300 (D40) Oak post

Min. 18mm thk. plywood decking to floors unless noted otherwise
Min. 12mm thk. plywood decking to flat roof (no access) unless noted otherwise
Plywood decking / sheathing nailed to top of floor / roof joists or vertical timber studs with minimum 3mmØ annular ringed galvanised 75mm long round wire nails at 150mm crs. along all edges & 300mm crs. along intermediate supports - Joints in plywood to be staggered
Provide continuous decking over the beams to tie the floor structure as per S-0300
Refer to specification & S-0001 for further notes

FINISHES AND WATERPROOFING BY OTHERS

TEMPORARY WORKS TO CONTRACTORS DESIGN AND DETAILS

IMPORTANT CDM/H&S NOTE

THE DESIGNERS HIGHLIGHT THE SIGNIFICANT RESIDUAL HEALTH AND SAFETY RISKS THAT HAVE NOT BEEN ELIMINATED FROM THE DESIGNS. THESE SIGNIFICANT RESIDUAL RISKS ARE IDENTIFIED BELOW.

! TEMPORARY PROPPING OF EXISTING STRUCTURE DURING DEMOLITION OF EXISTING TIMBER FRAME / REMOVAL OF EXISTING EXTERNAL CLADDING & INSTALLATION OF NEW SUPPORT STRUCTURE

THIS NOTE REFERS TO SIGNIFICANT RESIDUAL RISKS AS DEFINED IN CDM LEGISLATION. OTHER EALTH AND SAFETY RISKS ASSOCIATED WITH CONSTRUCTION ACTIVITIES MAY BE PRESENT.

NOTES:

1. If in doubt, please ask.

2. Do not scale this drawing.

3. This drawing is to be read in conjunction with all Engineer's, Architect's or other relevant drawings and specifications. Any discrepancy is to be reported to the engineer immediately.

4. The contractor must ensure and will be held responsible for the overall stability of the building/structure/ /excavation at all stages of the work.

5. To be Read with General Notes GN-001

Please Note:

Electronic Design Information can be intentionally or unintentionally modified. It is a misconception that Electronic Design Information is by default accurate. Any modification or reuse of the Electronic Design Information issued herewith that results in erroneous setting-out and/or any other design, costing, measuring or construction inaccuracy are the responsibility of the recipient of this Electronic Design Information.

GENERAL KEY :

	Existing walls
	New blockwork
	New brickwork
	Demolition
	Mass / RC concrete foundations as noted on plan / in schedule
	Load-bearing studwork partition
	Load-bearing timber wall panel - See schedule for details
	Wall Panel ?
	Non load bearing partitions to Architects specification
	Locations of Panelvent bracing bays - See plans
	Span of existing timber roof joists / rafters / joists
	Span of floor joists / roof joists / rafters See schedule for details
	New steel beam & reference - See schedule for sizes
	Full moment steelwork connection
	Multiple timber trimmers See schedule for details
	New flitch beam & reference as noted in schedule
	Lateral restraint straps as per spec & details
	Furfix wall starter system with s/steel wall ties at 225 vertical crs
	Mass concrete padstone & reference - Refer to schedule for sizes
	Steel column with reference - Refer to schedule for sizes
	Timber post

P2	13.02.26	Scale bar added	HG	AB	
P1	23.01.26	Preliminary Issued	HG	AB	
Rev	Date	Amendments	By	Chk'd	

PRELIMINARY

AXIOM STRUCTURES

+44 (0)20 3637 2751
office@axiom-structures.co.uk

Project:
**HOLBORN BARN,
DANE END, ROYSTON,
HERTFORDSHIRE SG8 9RH**

Drawing title:
**MAIN BARN
GROUND FLOOR &
FOUNDATION PLAN**

Date: 01/2026	Scale at A1: 1:50	Scale at A3: -
Drawn by: HG	Designed by: JT	Chk'd by: AB

Drawing No: 25029-ASL-DR-S-0110	Revision: P2
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