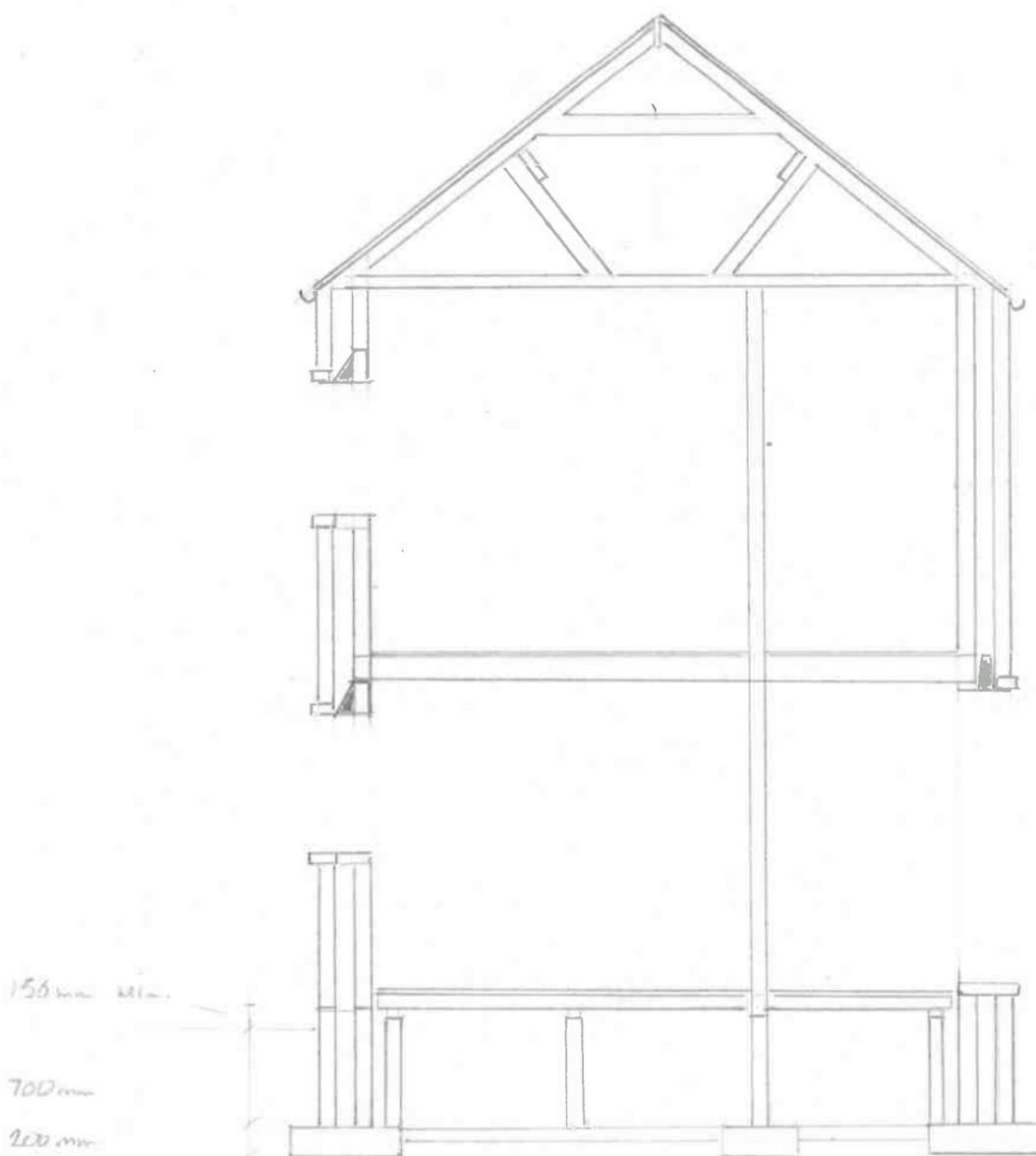


Section across Proposed extension  
all dimensions to be confirmed on site

Jan 2024



Foundation

concrete Footing 200mm thick extending 200mm beyond wall to external and internal load bearing walls. Below the walls to be concrete / fabric block.  
 top of foundation  $\approx$  700mm below existing  $\&$  or to sound formation following buildings inspector recommendation

Over-site conc 100mm and to include for honey comb wall at  $\approx$  13m L-C.

Other

existing brick connection to be retained to be carefully exposed. A chamber to be constructed to receive soil waste from ground floor and first floor w.s.c. following location of connection will allow for location of chamber and new ext soil pipe.

Roof

Extension roof to match existing Pitch and Rise to be confirmed on site  
 charcoal concrete roof tiles  
 treated tile battens  
 Breathable roof felt  
 125 x 50 Rafter @ 400 C-C  
 200 x 30 Ridge  
 200 x 30 Collar tie  
 200 x 50 brace  
 100 x 50 ceiling joist @ 400-L-C  
 50 x 100 wall plate  
 300mm RCB wool insulation  
 12mm plaster board + skim.

First floor

22mm flooring board  
 170mm x 50mm Joist @ 450 C-C braced to provide lateral restraint  
 12mm Plaster board + skim

Wall

front and rear of extn to be natural stone to match existing extn. Stone to be 150/100mm coursed. Corner detail to be stone quoins  $\approx$  290/290/100 with joints consistent with stone wall to front + rear and blank gable. Gable to be filling bricks. Terra Athena blend or similar to be agreed with house owner.

stone lintel + sills to match dining room extension.  
 125mm concrete block to int skin  
 100mm "Kingspan" insulation  
 50mm clear cavity to be maintained  
 cavity to be closed at all openings  
 front + rear natural stone outer traditional brick 102.5

125mm concrete block internal wall load bearing to support first floor joists and ceiling joist

"Carnic" lintels to external openings windows and door all with minimum 150 bearing with thermal bar

"Carnic" lintel to door openings into existing gable all with 150mm bearing on concrete padstone  
 A.B existing gable is solid stone wall comprising two skin stone with rubble core.

Ground floor

22mm flooring board  
 100 x 50 floor joist @ 450 C-C.  
 50 x 100 wall plate  
 dpc

skw

existing floor levels to be confirmed exactly by carefully opening small hole at location proposed connection door openings.