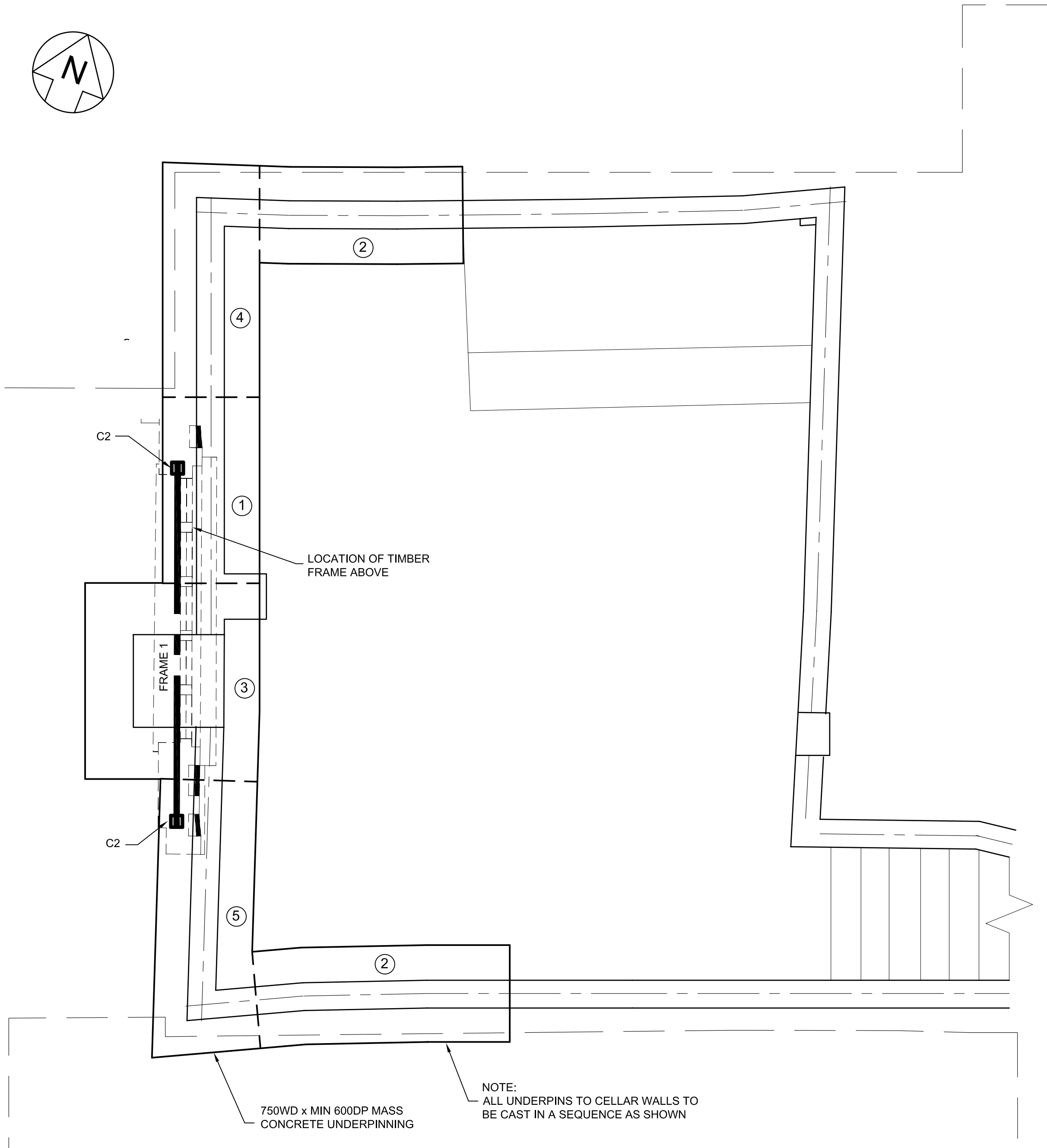
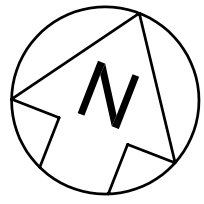
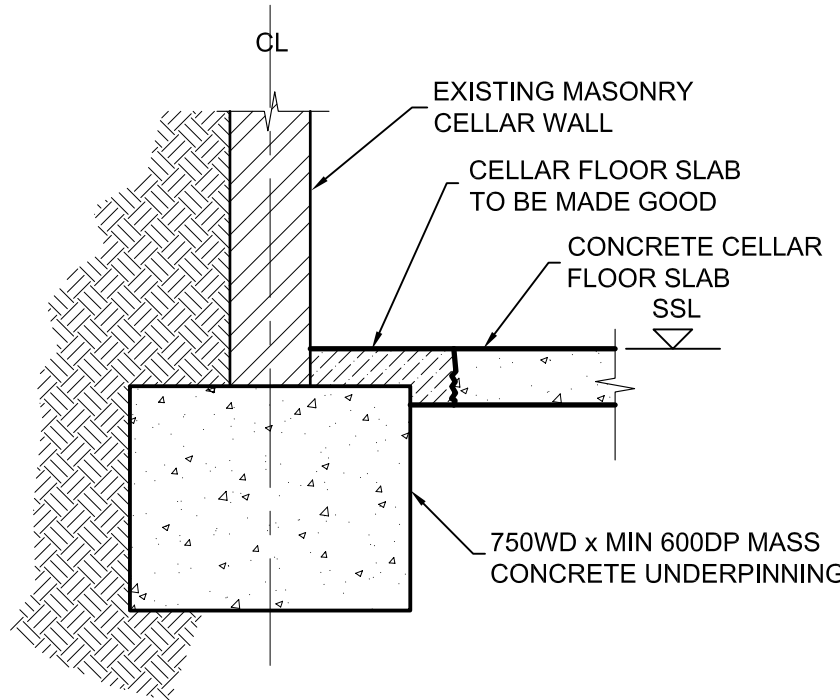
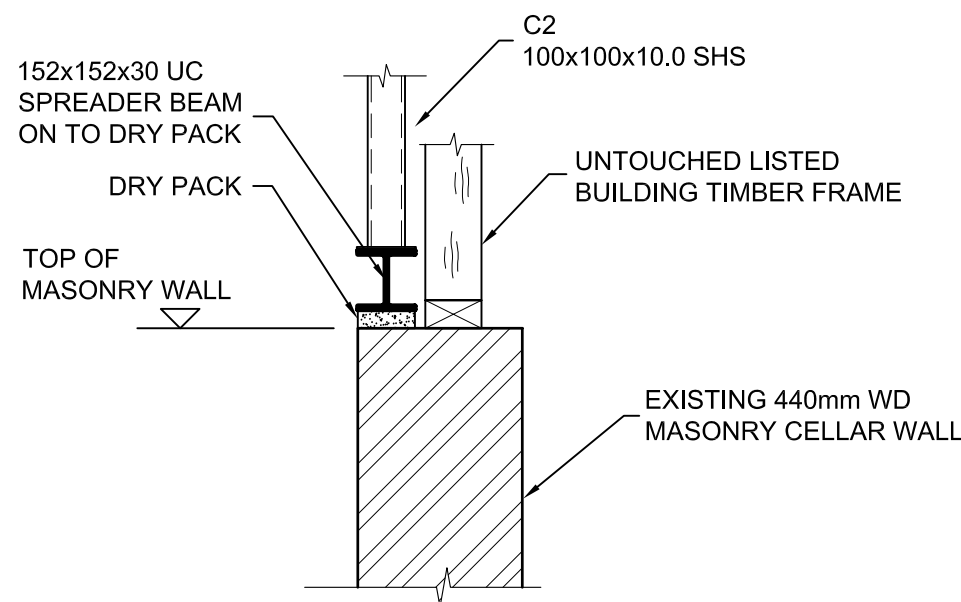




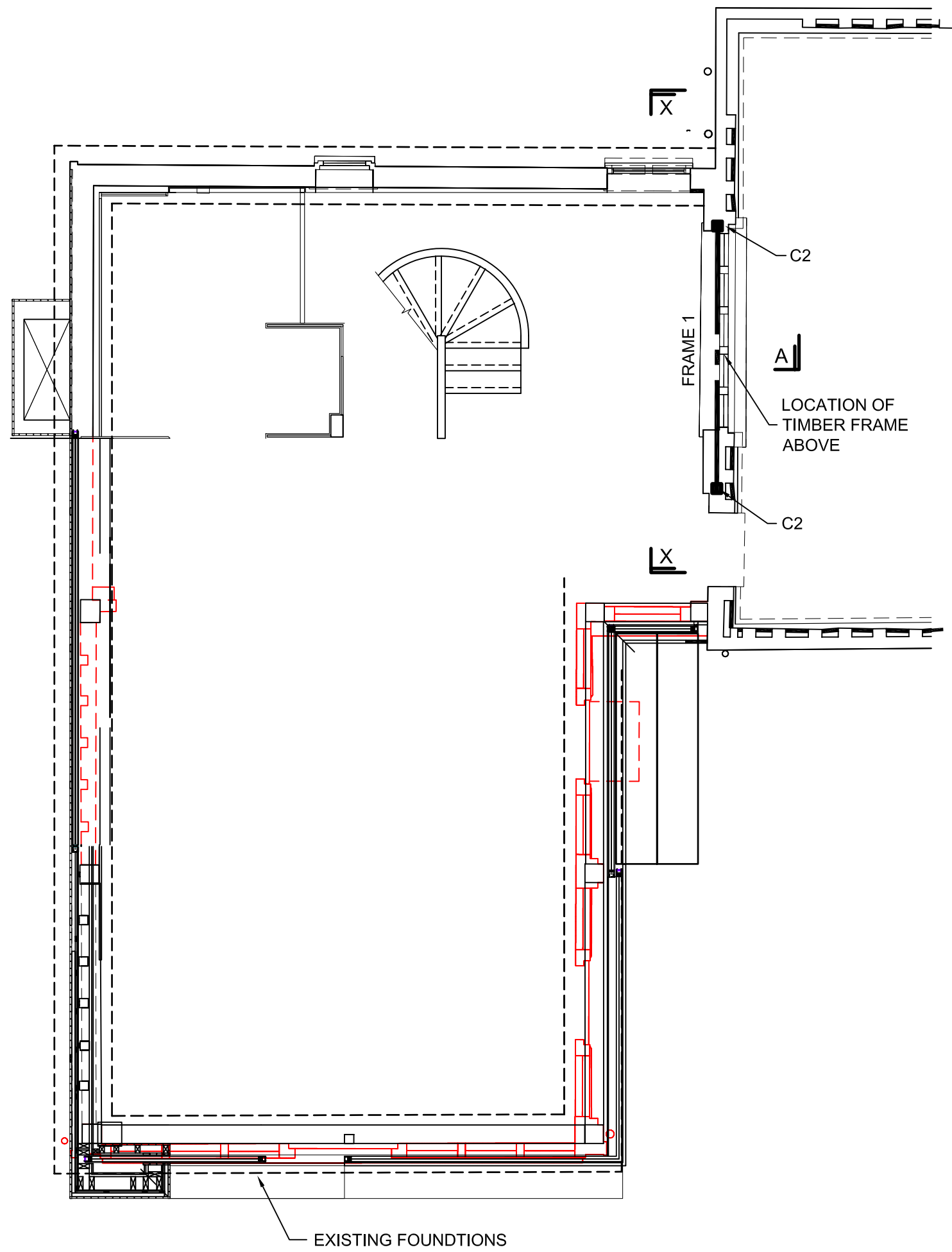
UNDERPINNING TO EXISTING CELLAR WALLS PLAN
SCALE = 1:25



TYPICAL UNDERPINNING SECTION
SCALE = 1:20



SECTION A - A
SCALE = 1:20



PROPOSED COLUMN FOUNDATION PLAN
SCALE = 1:50

FOR SECTION X - X SEE DRG No 1964/303

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 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 USING M12's AT 350mm STAGGERED CENTRES
TR2	3No 170x47 C24's BOLTED TOGETHER USING M12's AT 350mm STAGGERED CENTRES
VALLEY BEAM	1No 220x47 C24 BOLTED TO EXISTING TIMBERS

Notes :-

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

 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	35/08/26	JHT	AH	FIRST ISSUE
Rev	Date	Drawn	Eng	Amendment

Status	TENDER
--------	--------

OLD MANOR HOUSE.
SHAFENHOE END.
BARLEY. SG8 8LE.
GARDEN ROOM
UNDERPINNING AND
FOUNDATIONS PLAN

Drawn	JHT	Eng	AH
Scales	1:50at A1	1:100 at A3	
Drawing No	1964/300	Rev	1