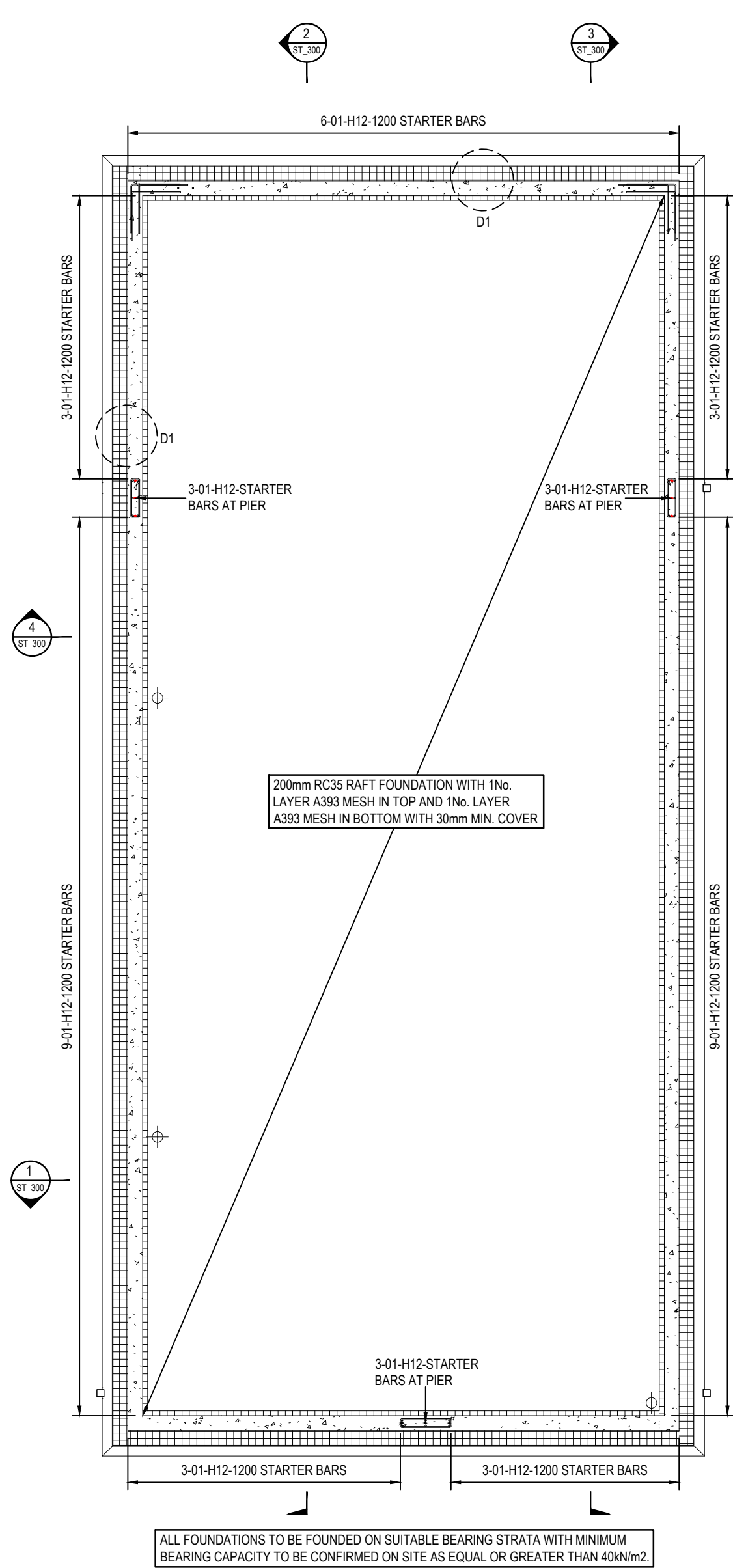
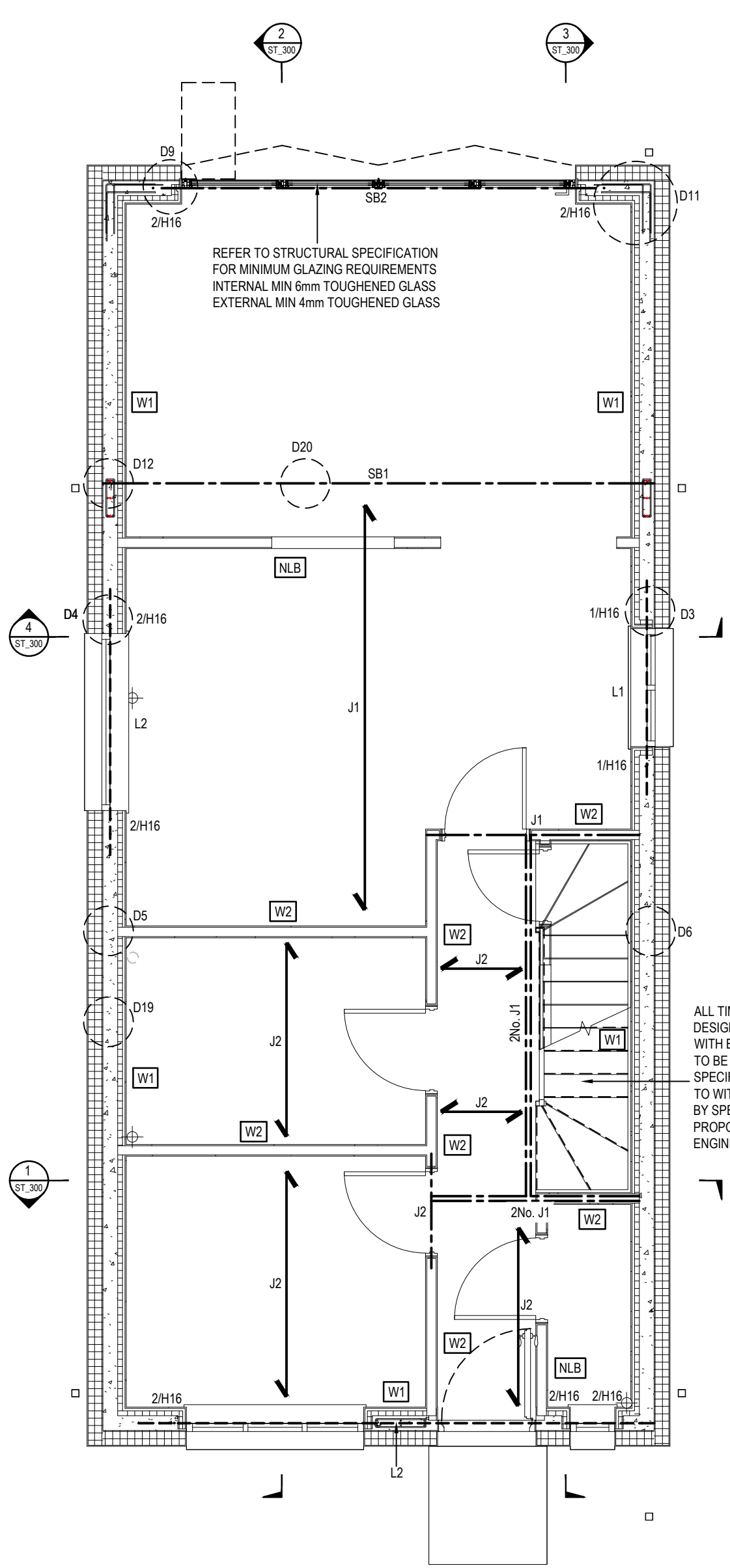




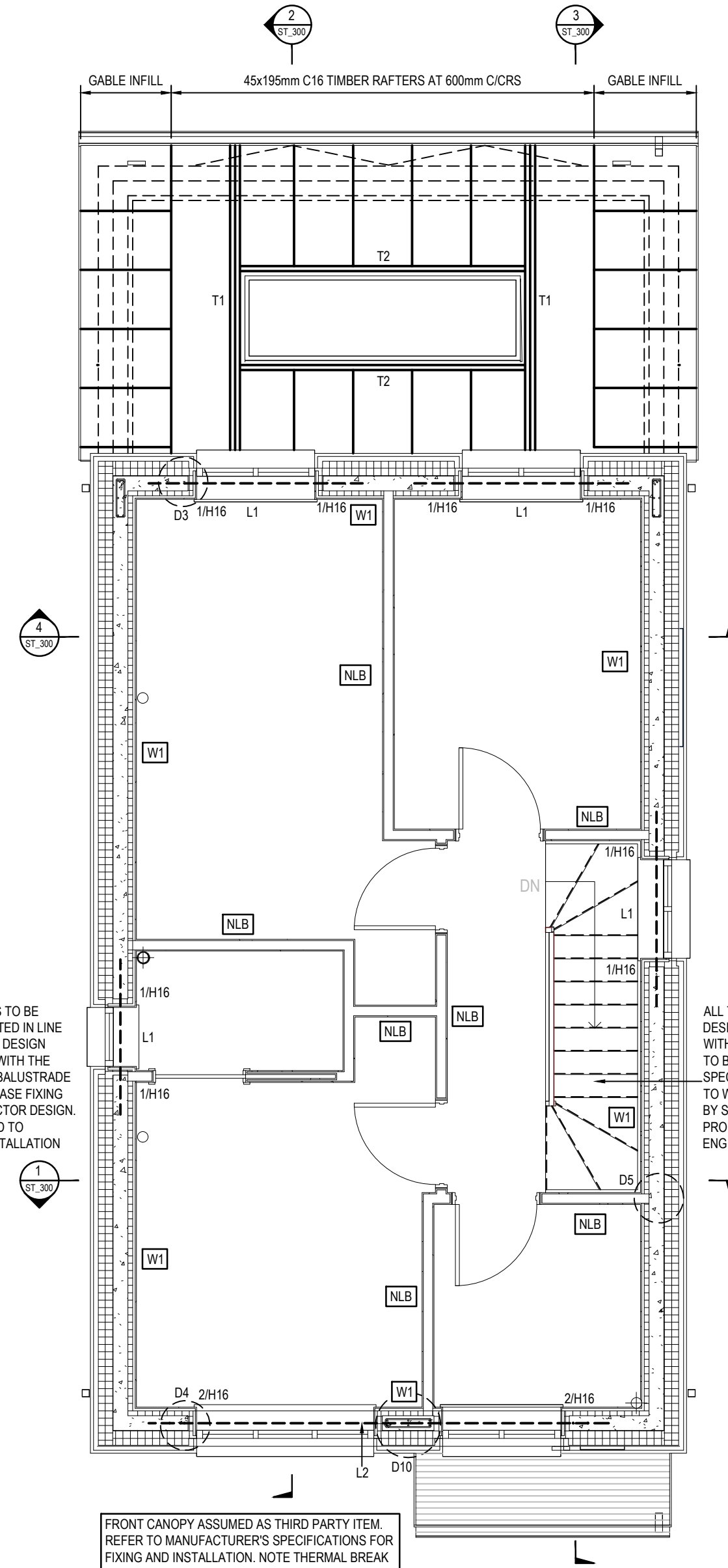
PROPOSED FOUNDATION PLAN

1:50



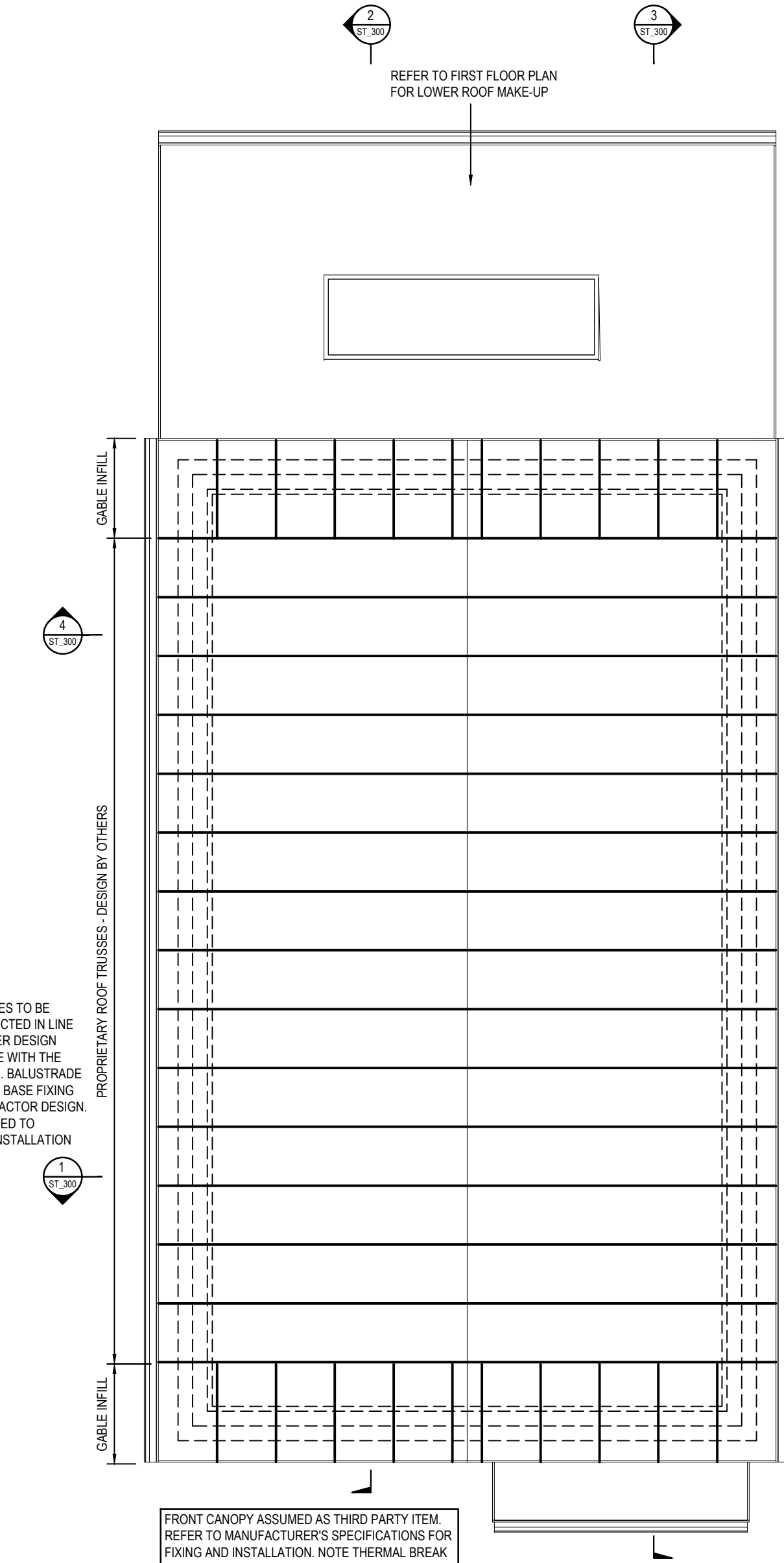
PROPOSED GROUND FLOOR PLAN
(SHOWING STRUCTURE ABOVE)

1:50



PROPOSED FIRST FLOOR & LOWER ROOF PLAN

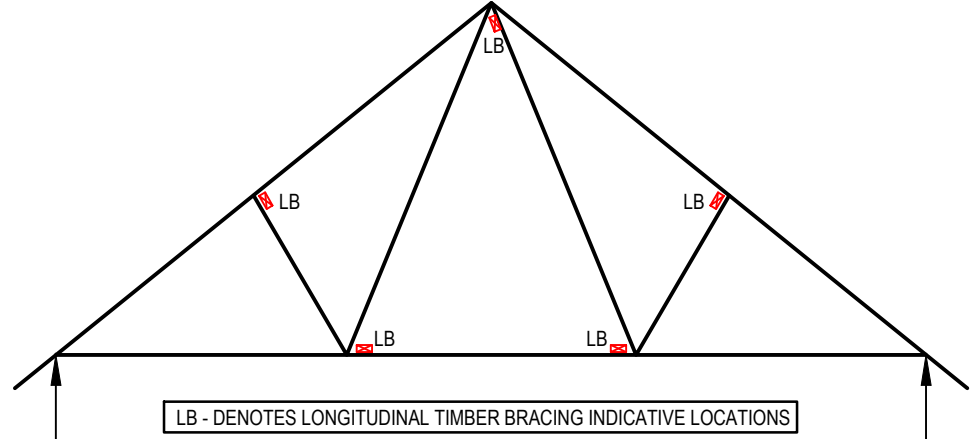
1:50



PROPOSED ROOF PLAN

1:50

TRUSS LOADINGS: (CONTRACTOR DESIGNED)	
ALL TIMBER TRUSSES (INCLUDING LOOSE INFILL) TO BE DESIGNED IN ACCORDANCE WITH BS EN 1995-1:2004.	
TRUSS DESIGN CALCULATIONS, GENERAL ARRANGEMENT DRAWINGS AND PROFILES TO BE SUBMITTED TO ALLAN CORFIELD STRUCTURES FOR COMMENTS AND APPROVAL PRIOR TO COMMENCEMENT OF FABRICATION. SUBMISSION OF THIS INFORMATION IS A CONDITION OF THE BUILDING WARRANT AND MUST BE DONE TO ALLOW THE LOCAL AUTHORITY TO ISSUE A CERTIFICATE OF COMPLETION.	
TRUSS LOADINGS:	
RAFTER LOADS	
DEAD LOAD	 1.15kN/m ² ON SLOPE
IMPOSED LOAD	 0.60kN/m ² ON PLAN
POINT LOAD	 1.40kN ON PLAN
WIND LOAD	 CALCULATED IN ACCORDANCE WITH BS EN 991-1:4
	 0.77kN/m ²
	 0.57kN/m ²
SNOW LOAD	 0.29kN/m ²
ATTIC FLOOR JOIST LOAD (ON PLAN)	
DEAD LOAD	 0.75kN/m ²
IMPOSED LOAD	 0.50kN/m ²
POINT LOAD	 0.90kN



INDICATIVE PROPRIETARY ROOF TRUSS PROFILE

NTS

NOTE:
TRUSSES TO BE SUPPORTED BY EXTERNAL ICF WALLS ONLY. EXTERNAL ICF GABLE WALLS TO BE BRACED BY ROOF STRUCTURE PROVIDED BY THIRD PARTY TRUSSES. GABLE WALL TO BE FULLY SUPPORTED AT ALL STAGES OF CONSTRUCTION.

- GENERAL NOTES:
- ALL DIMENSIONS AND SETTING-OUT TO BE IN ACCORDANCE WITH THE ARCHITECT'S LAYOUTS.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S DRAWINGS, ENGINEER'S DRAWINGS AND SPECIFICATIONS.
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 - ACS DRAWING REFERENCES:
 - FOR STRUCTURAL PLANS, REFER TO ACS S340_ST-200 SERIES DRAWINGS.
 - FOR STRUCTURAL SECTIONS, REFER TO ACS S340_ST-300 SERIES DRAWINGS.
 - FOR REINFORCEMENT DRAWINGS, REFER TO ACS S340_ST-400 SERIES DRAWINGS.
 - FOR STRUCTURAL DETAILING DRAWINGS, REFER TO ACS S340_ST-500 SERIES.
 - FOR GUIDANCE AND SPECIFICATION NOTES, REFER TO ACS S340_ST-600 DRAWING.

STRUCTURAL SCHEDULE

WALL PANEL SCHEDULE

- W1 EKONECT IZODOM ICF 350mm WALL PANEL:
PERIMETER WALLS WITH 150mm REINFORCED CONCRETE INFILL
- W2 38x89mm C16 TIMBER STUDS AT 600mm C/CRS WITH 1No. LAYER OF PLASTERBOARD FINISHING TO EACH SIDE. FIXED WITH MIN. 3.80x45mm PLASTERBOARD FIXINGS AT 300mm C/CRS. SOLE PLATE FIXED TO SLAB AT MIN. 300mm C/CRS
- NLB DENOTES NON-LOADBEARING PARTITIONS - 38x90mm C16 STUDS AT 600mm C/CRS. LINED WITH 1No. LAYER PLASTERBOARD MINIMUM TO BOTH FACES, FIXED WITH 2.65mm DIA. x 40mm LG. NAILS AT 150mm CRS

STEEL BEAM SCHEDULE

- SB1 - 305x165x4UB S355
- SB2 - 203x133x30UB S355

LINTEL SCHEDULE

- L1 - RC 150x250mm C28/35 WITH 2No. H16 BOTTOM BARS, 30mm COVER
- L2 - RC 150x300mm C28/35 WITH 2No. H12 TOP AND 2No. H20 BOTTOM BARS, 30mm COVER ALL SIDES, H8 LINKS AT 150mm C/CRS

TIMBER TRIMMER SCHEDULE

- T1 - 3No. 45x195mm C16 TIMBERS
- T2 - 2No. 45x195mm C16 TIMBERS

FLOOR JOIST SCHEDULE

- J1 - JJ220D-24, 97x220mm JJ AT 600mm C/CRS
- J2 - JJ220A+24, 47x220mm JJ AT 600mm C/CRS

HEALTH AND SAFETY

THE DESIGN HAS HIGHLIGHTED ONLY COMMON HAZARDS, WHICH HAZARDS ARE CONSIDERED TO BE WITHIN THE NORMAL EXPERIENCE OF A COMPETENT CONTRACTOR. THE DETAILS ON THIS SHEET ARE INDICATIVE. THE CONTRACTOR IS TO DEVELOP THEIR OWN TEMPORARY WORK REQUIREMENTS.

Rev ID	Date	Comment	Drawn By

DRAWING STATUS

CONSTRUCTION

Allan Corfield
STRUCTURES

CLIENT
GLENN & GEMMA CROSS

PROJECT
26a AMBERLEY ROAD,
HORSHAM, WEST SUSSEX, RH12 4LN

TITLE
PROPOSED STRUCTURAL PLANS

SCALE: A1	START DATE	ENGINEER	DRAWN BY
1:50	02/10/25	PC	WMc
DRAWING NUMBER			REVISION
S340_ST-200			-

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