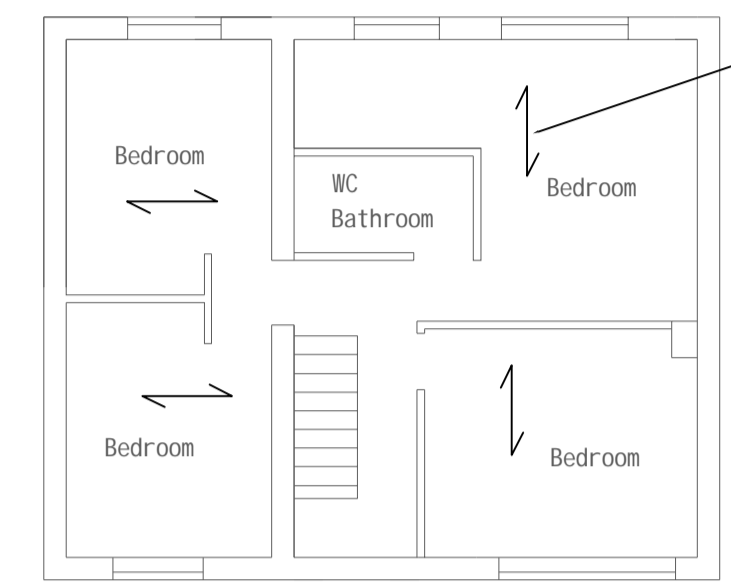


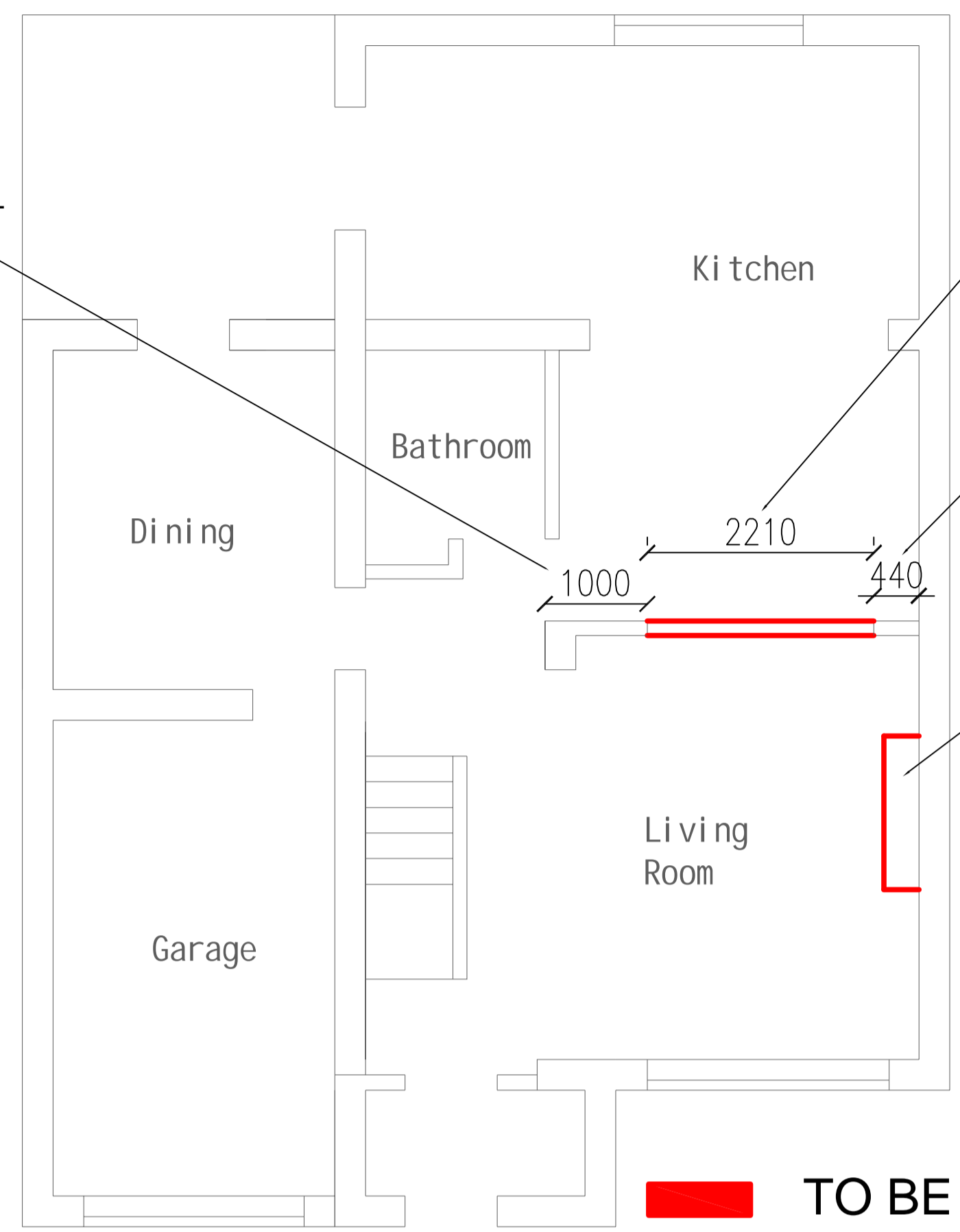
EXISTING GROUND FLOOR
SCALE 1/100



EXISTING FIRST FLOOR
SCALE 1/100

EXISTING FLOOR PLANS
SCALE 1/100

LEAVE A MIN. 1000mm SECTION OF THE BRICK WALL TO PROTRUDE; DO NOT DEMOLISH THIS PORTION



TO BE DEMOLISHED
GROUND FLOOR DEMOLISHING WORK PLAN
SCALE 1/50

LOAD BEARING WALL TO BE DEMOLISHED
MAX. OPENING 2210mm

LEAVE A MIN. 440mm SECTION OF THE BRICK WALL TO PROTRUDE; DO NOT DEMOLISH THIS PORTION

CHIMNEY BREAST TO BE DEMOLISHED

ENGINEER'S CONSTRUCTION NOTES

GENERAL
TO BE READ IN CONJUNCTION WITH ALL ENGINEERS' DRAWINGS AND METHOD STATEMENT AND WITH ALL ARCHITECTURAL AND SERVICES DRAWINGS AND SPECIFICATIONS. SEEK INSTRUCTIONS IN THE EVENT OF ANY CONFLICT. THE STRUCTURAL DESIGNS SHOWN ARE TO BE SET OUT TO SUIT THE CONDITIONS OF THE SITE AND EXISTING WORKS IF ANY AND THE ARCHITECT'S PROPOSALS.
DO NOT SCALE - PLEASE ASK FOR INFORMATION. SOME NOTES MAY NOT APPLY.

STRUCTURAL STEELWORK
ALL STEELWORK TO BE IN ACCORDANCE WITH BS 5950 AND THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION.
GRADE S275 STEEL TO BE BS EN 10025 S275 JR. GRADE S355 STEEL TO BE BS EN 10025 S355 JO.

CONNECTIONS: ALL BOLTS TO BE GRADE 8.8, MINIMUM 16MM DIAMETER. IN HOLES 2MM BIGGER THAN NOMINAL BOLT SIZE. UNLESS OTHERWISE STATED, WELDS TO BE MINIMUM 4MM FILLET WELDS AROUND THE FULL PERIMETER OF THE PARTS TO BE CONNECTED. ALL WELDS TO BE SHOP WELDS, BUT SITE WELDS MAY BE USED WITH PRIOR AGREEMENT OF THE ENGINEER AND BUILDING CONTROL OFFICER AND MAY BE SUBJECT TO TESTING AT CONTRACTOR'S EXPENSE. DOUBLE BEAMS TO BE BOLTED TOGETHER USING M16 BOLTS AT 1.500MM MAX CENTERS WITH STEEL TUBE SPACERS. PADSTONES TO BE GRADE 30 CONCRETE.

BEAM BEARINGS ON PADSTONES TO BE FULL WIDTH OF PADSTONE IF UP TO 150MM, OR AT LEAST 2/3 OF THE LENGTH OF THE PADSTONE IN THE DIRECTION OF THE BEAM SPAN IF GREATER THAN 150MM, UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.

FIRE PROTECTION ALL STEEL TO BE PROTECTED FROM FIRE TO 30 MINUTE STANDARD OR AS SPECIFIED ELSEWHERE TO THE SATISFACTION OF THE BUILDING CONTROL.

DEMOLITION AND TEMPORARY WORKS
DEMOLITION TO BE CARRIED OUT IN ACCORDANCE WITH BS 6187 AND HEALTH AND SAFETY EXECUTIVE GUIDANCE NOTES GS29/1, 3 AND 4.

THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE STABILITY AND STRUCTURAL INTEGRITY OF THE WORKS. DESIGN, SUPPLY AND MAINTAIN DURING THE EXECUTION OF THE WORKS ALL SHORING, STRUTTING, NEEDLING AND OTHER TEMPORARY WORKS AS MAY BE NECESSARY.

NOTES

RAISEHOLD LTD IS NOT PRINCIPAL DESIGNER. THESE DRAWINGS REQUIRE A COMPREHENSIVE REVIEW BY THE CLIENT AND BUILDER ALONGSIDE OTHER RELEVANT DOCUMENTS SUCH AS STRUCTURAL CALCULATIONS, ARCHITECTURAL DRAWINGS, AND BUILDING REGULATION DRAWINGS. IF ANY DISCREPANCIES ARE IDENTIFIED, THE ENGINEER MUST BE PROMPTLY NOTIFIED.
ANY DEVIATIONS FROM THE PROPOSALS OUTLINED HEREIN ARE TO BE APPROVED BY THE ENGINEER PRIOR TO THE WORK BEING UNDERTAKEN. ANY DEVIATIONS FROM THE PROPOSALS MADE WITHOUT THE ENGINEER'S CONSENT ARE BEYOND THE SCOPE OF THIS DOCUMENT AND THE ENGINEER CANNOT BE HELD LIABLE FOR ANY ADVERSE CONSEQUENCES OF SUCH DEVIATIONS

ANY SPAN / HEIGHT DIMENSIONS SHOWN IN THIS DOCUMENT ARE FOR CALCULATION PURPOSES ONLY AND ARE NOT TO BE USED AS A FINAL DIMENSION FOR THE FABRICATION / MACHINING OF STRUCTURAL ELEMENTS. BEAM SPANS, WALL AND COLUMN HEIGHTS SHOULD BE MEASURED ON-SITE PRIOR TO FABRICATION

ALL EXISTING MATERIALS IN THE AREA SHOULD BE CHECKED, FOUNDATIONS, ROTTEN WOOD, TIMBERS, JOISTS, PLASTERBOARDS OR ANY METAL MATERIAL THAT IS NOT IN GOOD CONDITION SHOULD BE REPAIRED OR REPLACED.

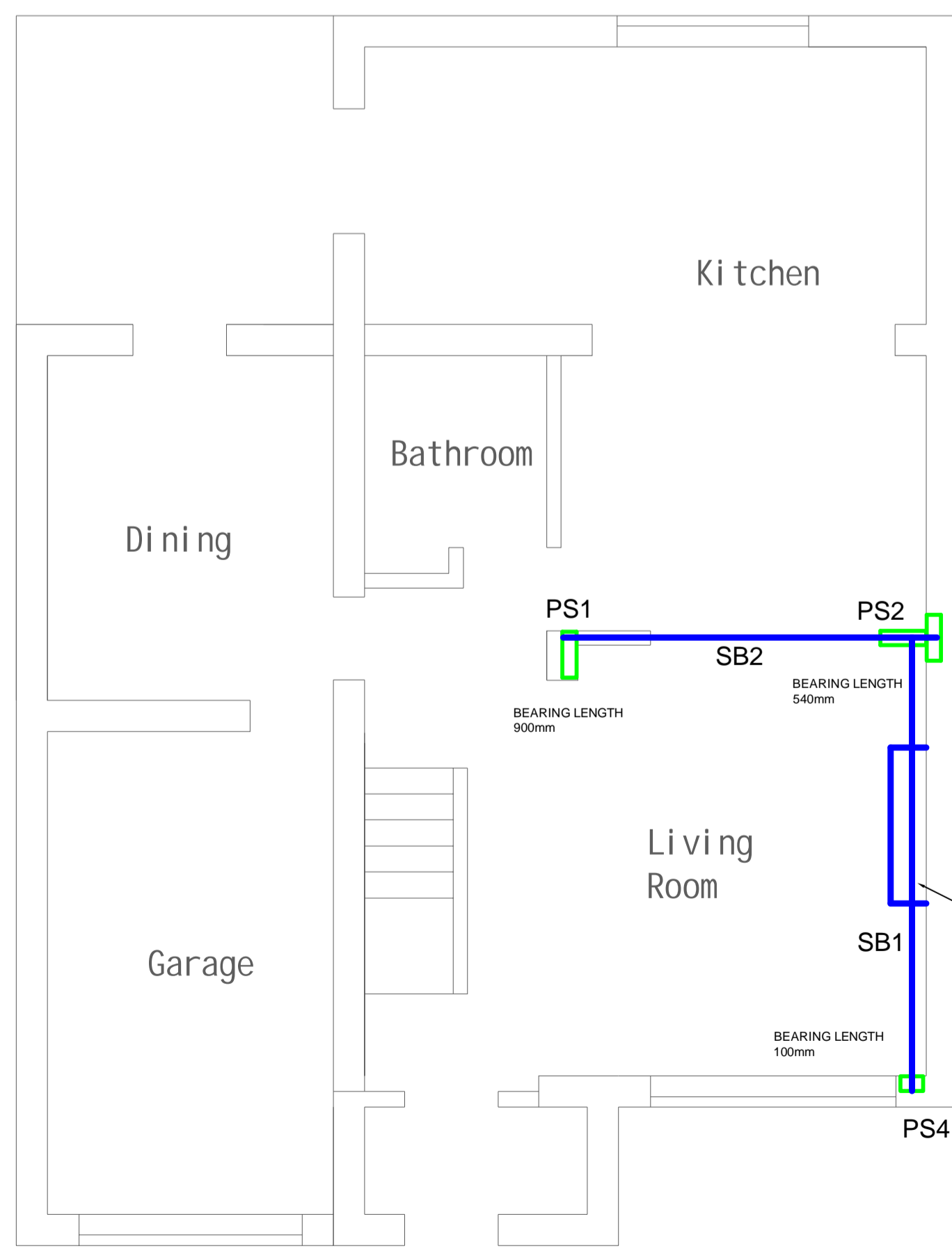
FOR THE ELECTRICAL CIRCUITS AS DETAILED COMMENTS AND INSPECTIONS HAVE TO BE CARRIED OUT BY AN NIC EIC REGISTERED ELECTRICIAN.

ALSO, FOR GAS INSTALLATIONS, AS DETAILED COMMENTS AND INSPECTIONS HAVE TO BE CARRIED OUT BY A GAS SAFE REGISTERED ENGINEER.

ALWAYS SEEK APPROVAL FROM BI BEFORE ORDERING ANY MATERIAL. SEEK ASSISTANCE FOR PARTY WALL MATTERS AND BUILD OVER AGREEMENT.

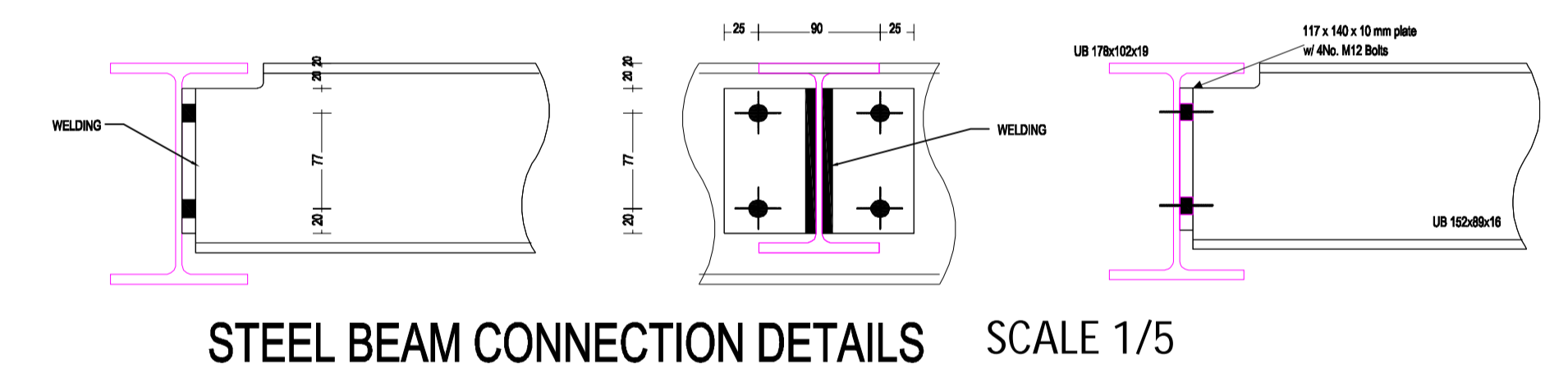
RAISEHOLD IS NOT RESPONSIBLE FOR CONTRACTOR'S WORK.

DO NOT USE THIS DOCUMENT WITHOUT BUILDING CONTROL APPROVAL

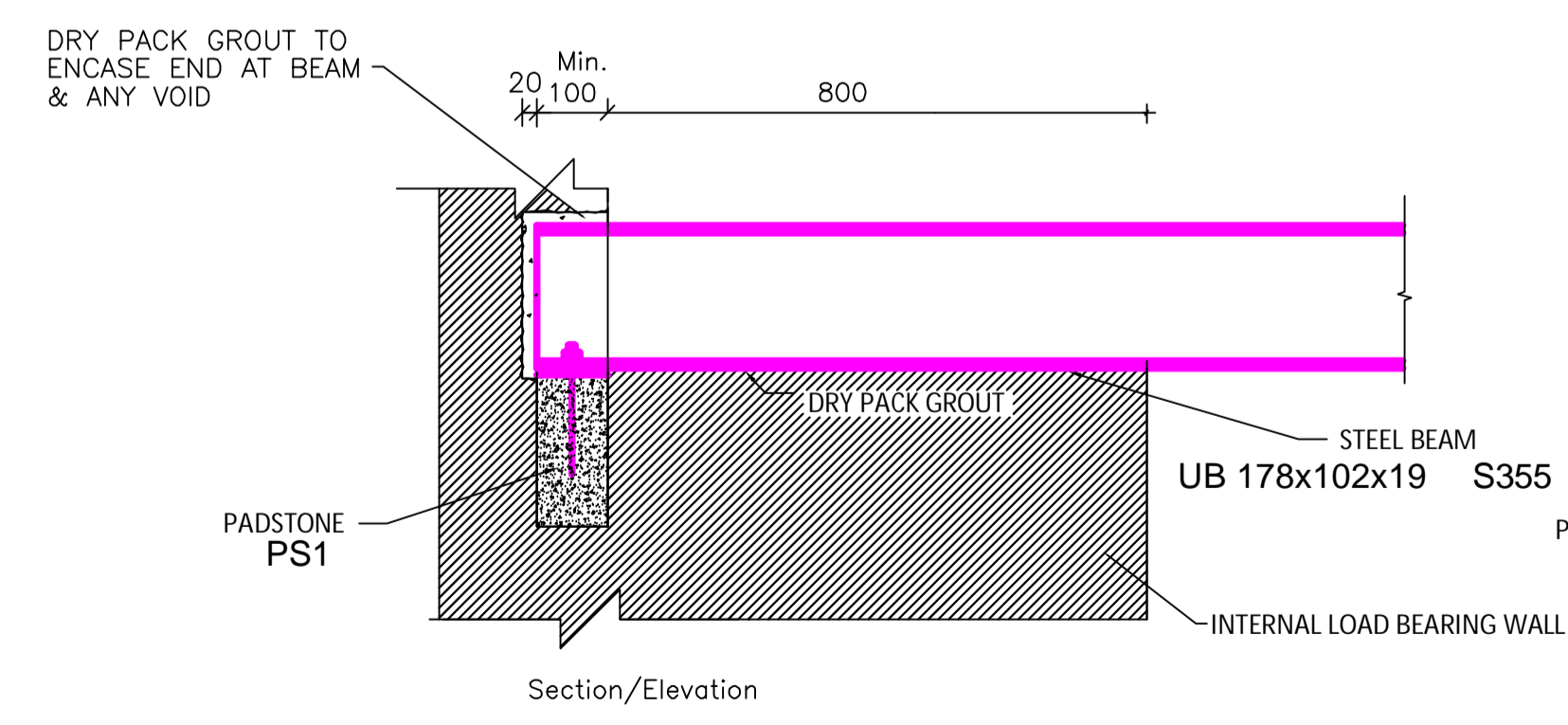


PROPOSED GROUND FLOOR PLAN
SCALE 1/50

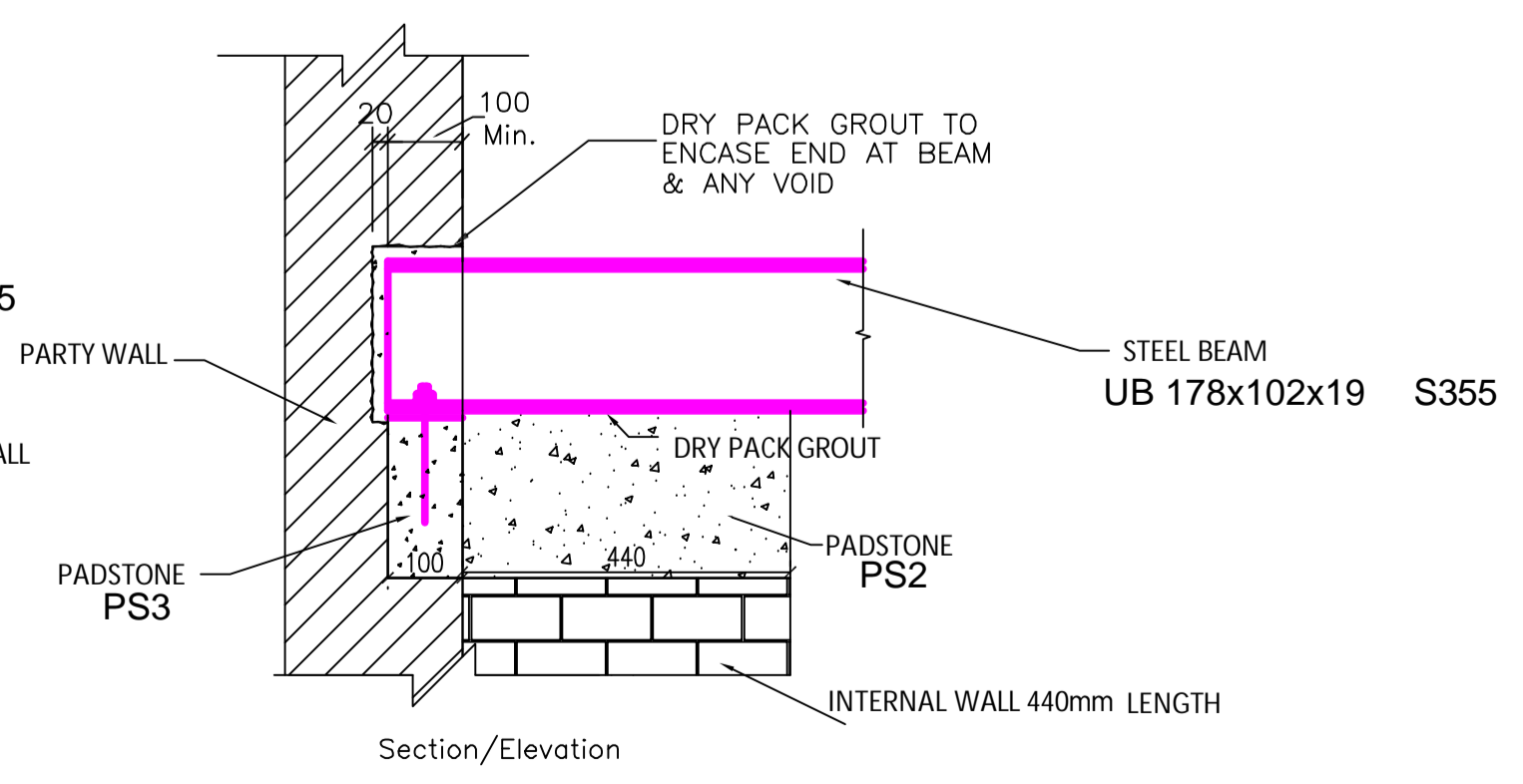
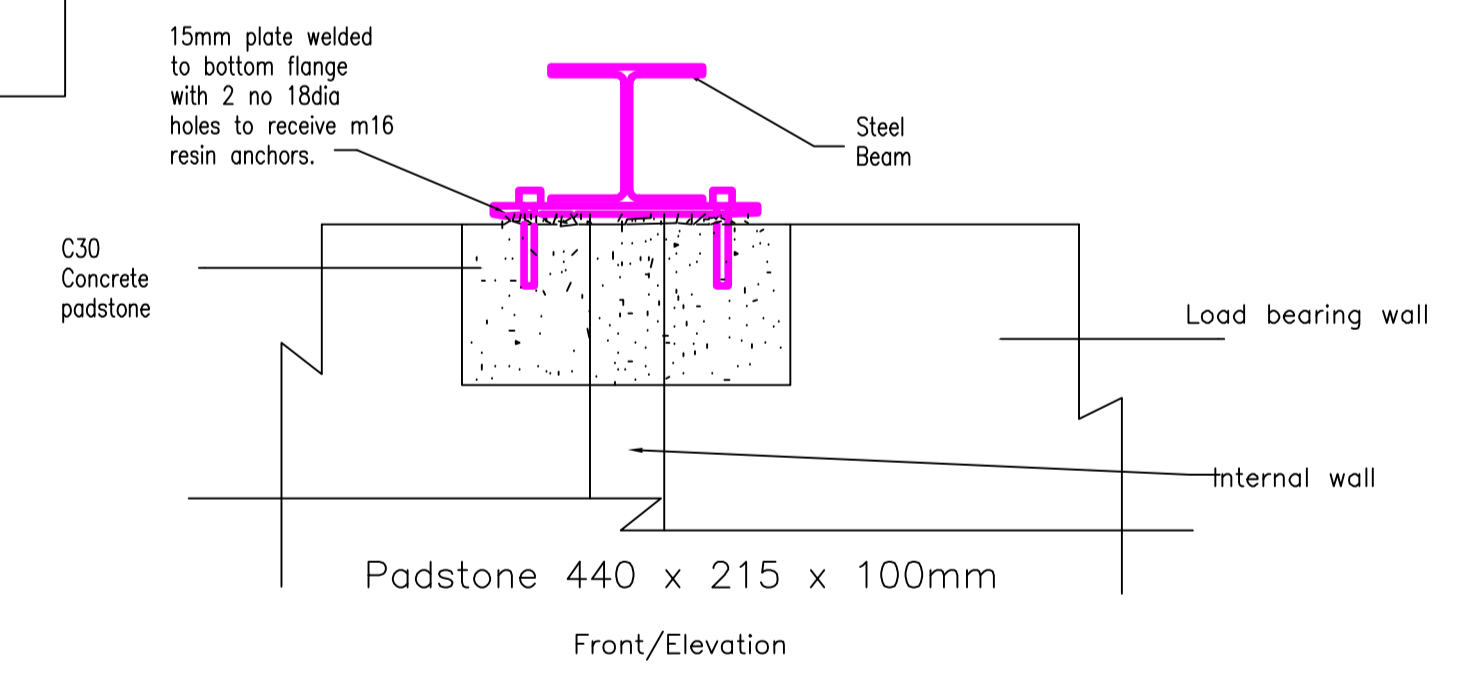
- PS1-PS2-PS3-PS4:
CONCRETE PADSTONE
440(L) x 215(H) x 102 or 140
(CHECK THE WALL THICKNESS)
- PS4:
CONCRETE PADSTONE
215(L) x 140(H) x 100(W)
- SB1:
UB 152x89x16 S355
- SB2:
UB 178x102x19 S355



STEEL BEAM CONNECTION DETAILS
SCALE 1/5



PS1 PADSTONE SUPPORT DETAIL INTO WALL
SCALE 1/10



PS2-PS3 PADSTONE SUPPORT DETAIL INTO WALL
SCALE 1/10

No.	Revision/Issue	Date

Raisehold
Property & Land Development

www.raisehold.co.uk
info@raisehold.co.uk

CLIENT	
SITE	
TITLE	LOAD BEARING WALL AND CHIMNEY BREAST REMOVAL STRUCTURAL DESIGN
PROJECT NO	DRAWN TL
DATE	CHECKED
31/05/2024	
SCALE AT A1	REVISION