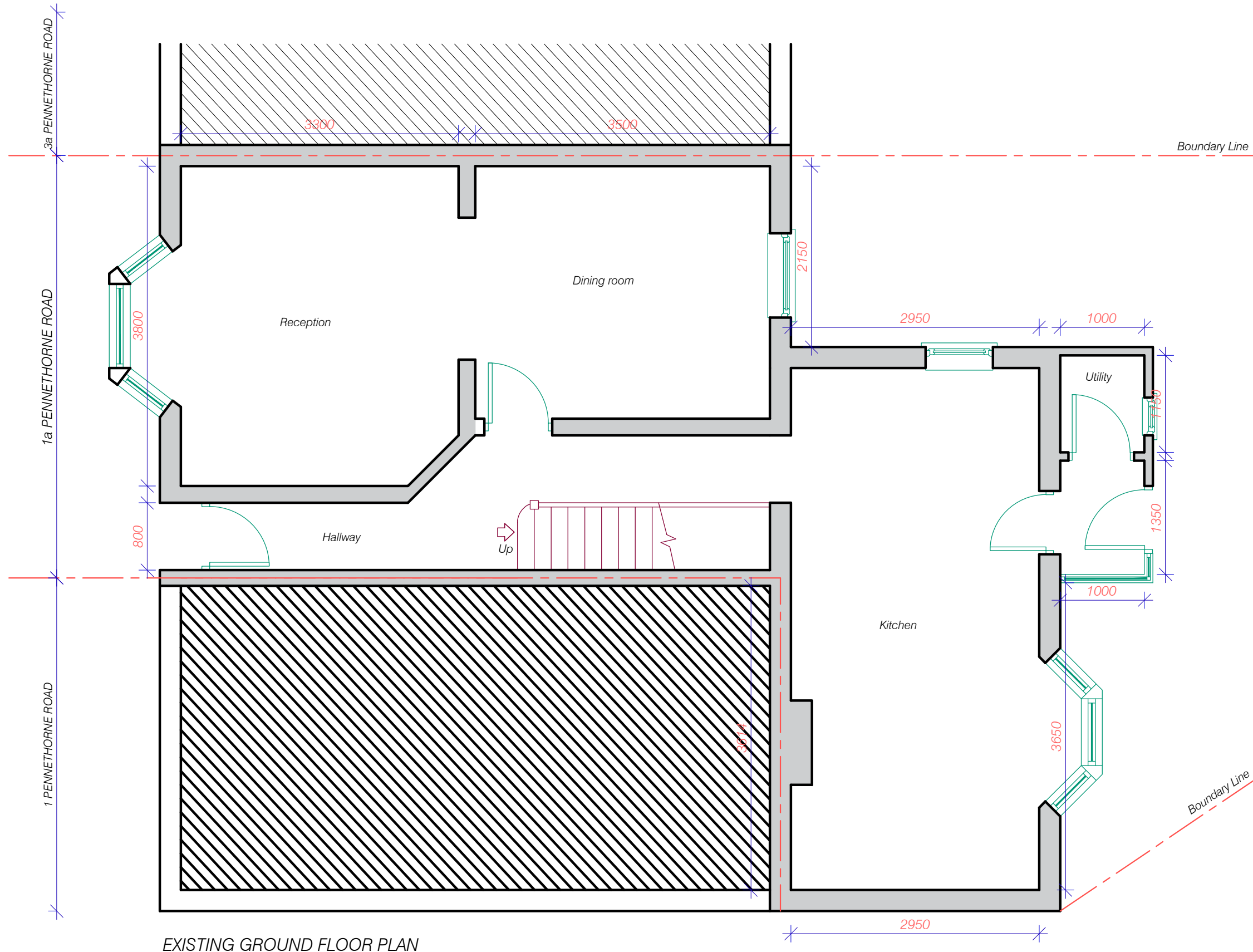
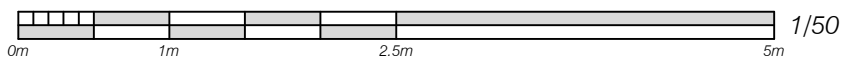


Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. - This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (87.5 micro). Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing plates bolted through web of beams.
 M12@500 centres behind joists hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer.



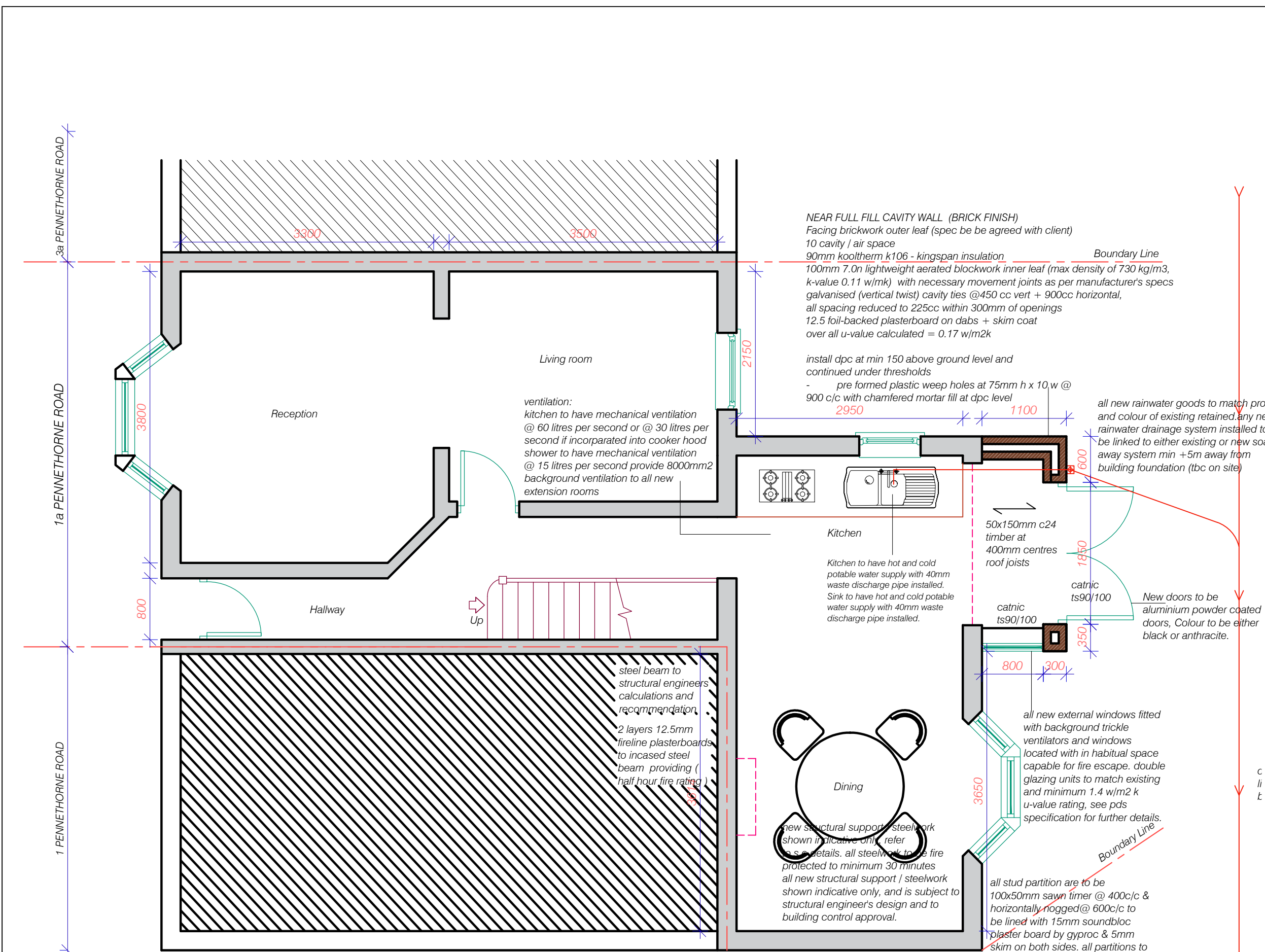
EXISTING GROUND FLOOR PLAN

Scale Bar/s:

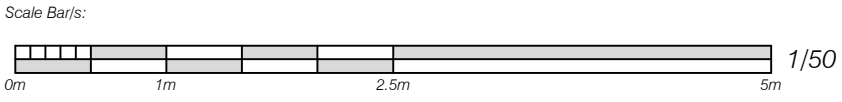


Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbridge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr. S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title EXISTING GROUND FLOOR PLAN			
Scale 1:50 @A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D01			Revision

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. -This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing is to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Yellow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (off 75 micron). Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joists may be notched over bearing, maximum depth of notch 1/3 joist depth. Use steel beam with solid timber packing plates bolted through web of beams. M12@500 centres behind joist hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer.

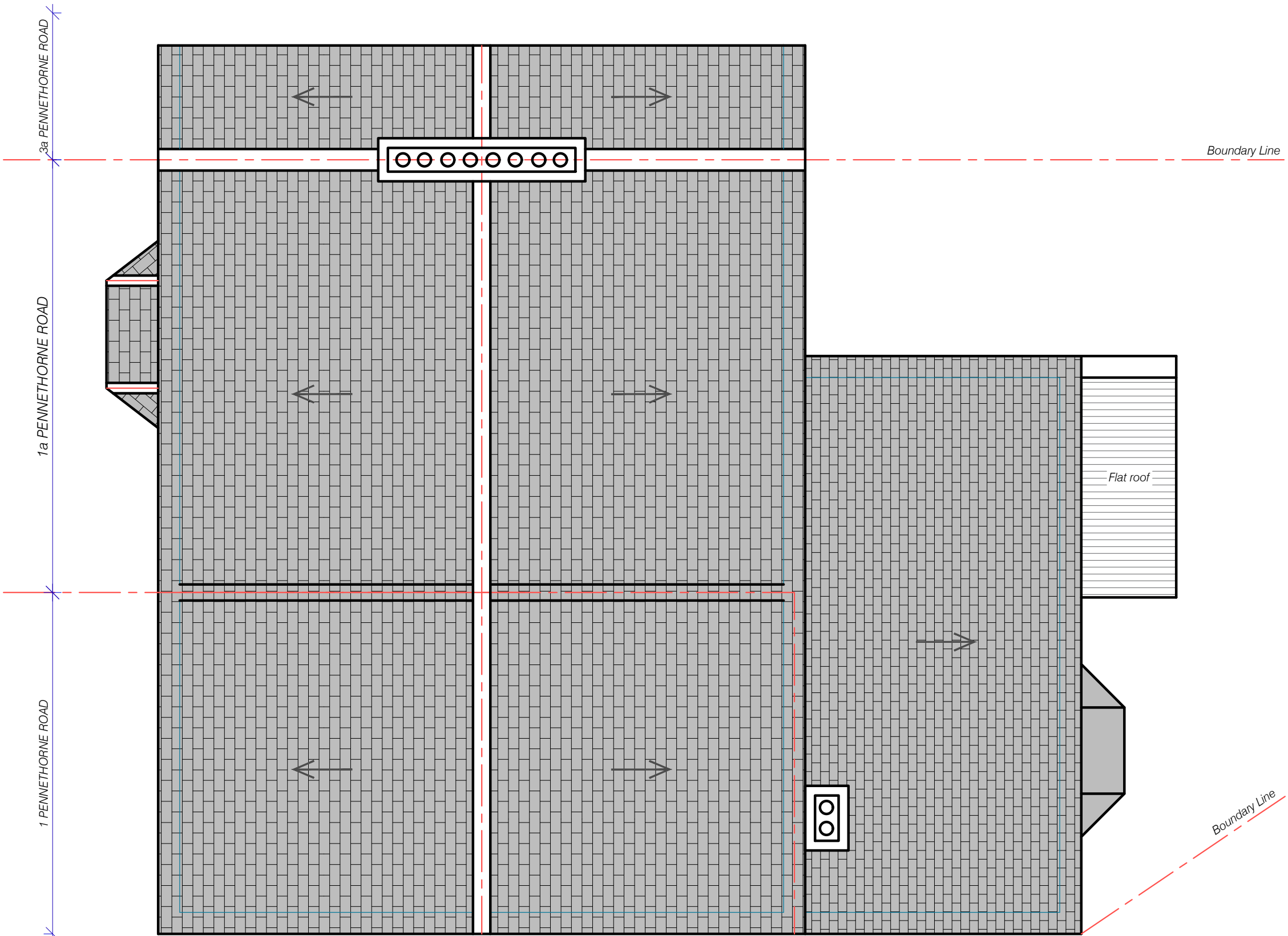


PROPOSED GROUND FLOOR PLAN

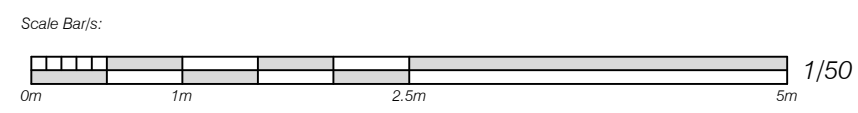


Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title PROPOSED GROUND FLOOR PLAN			
Scale 1:50 @A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D02			Revision

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. - This drawing remains the copyright of Express plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express plans for clarification prior to commencing the works
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (87.75 micron)
 Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete.
 Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing/plates bolted through web of beams M12@500 centres behind joists hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer



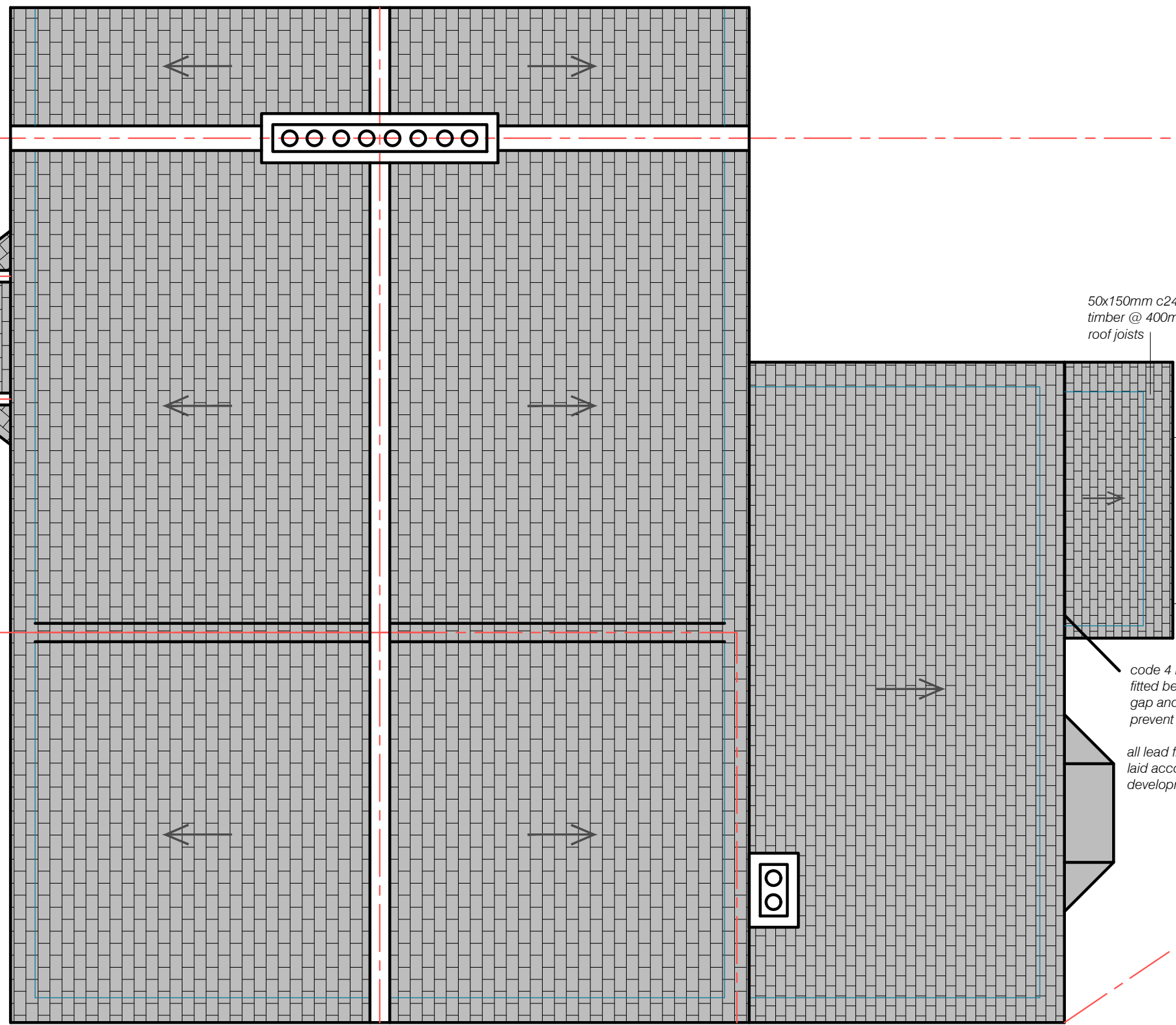
EXISTING ROOF PLAN



Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title EXISTING ROOF PLAN			
Scale 1:50 @A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D03			Revision

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. -This drawing remains the copyright of Express plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express plans for clarification prior to commencing the works
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (off 75 micron)
 Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joists may be notched over bearing, maximum depth of notch 1/3 joist depth. Use steel beam with solid timber packing/plates bolted through web of beams M12@500 centres behind joist hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer

3a PENNETHORNE ROAD
 1a PENNETHORNE ROAD
 1 PENNETHORNE ROAD



Boundary Line

50x150mm c24 timber @ 400mm roof joists

cross ventilation to be provided by a proprietary eaves ventilation strip equivalent to a 25mm continuous gap at eaves level with insect grill and 50mm air gap between felt and insulation

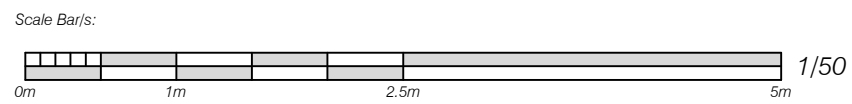
all new rainwater goods to match profile and colour of existing retained.any new rainwater drainage system installed to be linked to either existing or new soak away system min +5m away from building foundation (tbc on site)

code 4 lead flashing fitted between wall gap and roof to prevent water egress,

all lead flashings to be laid according to lead development association

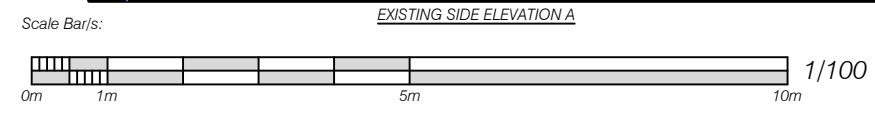
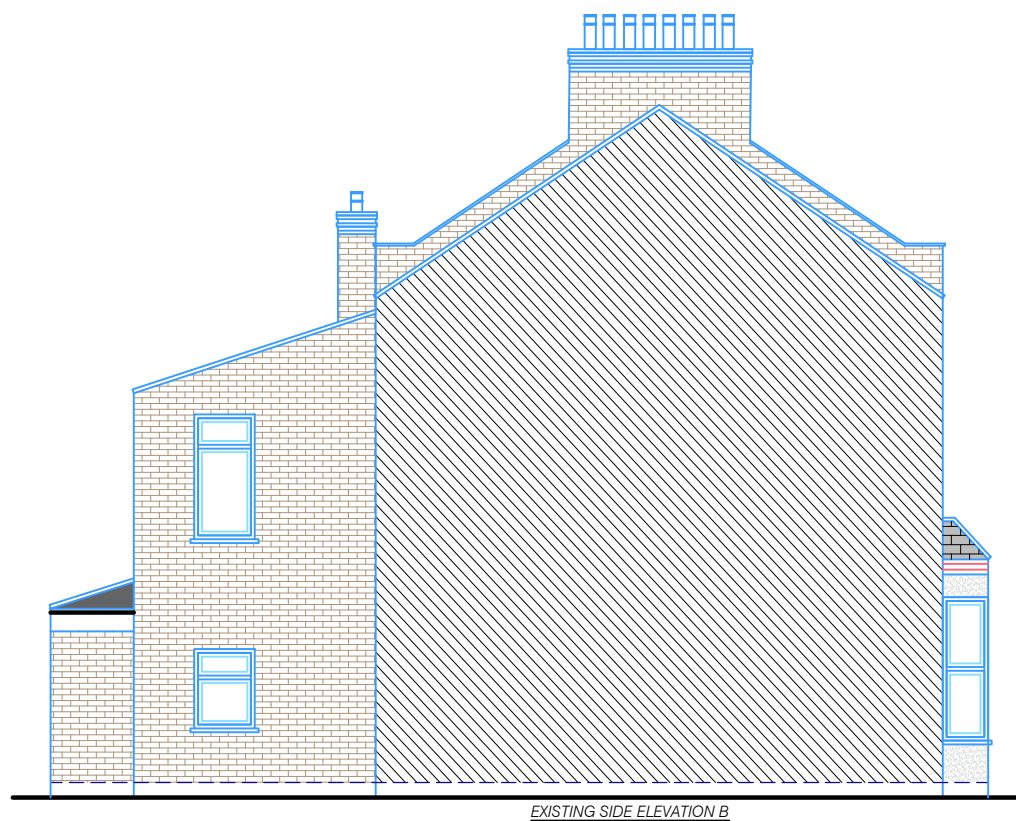
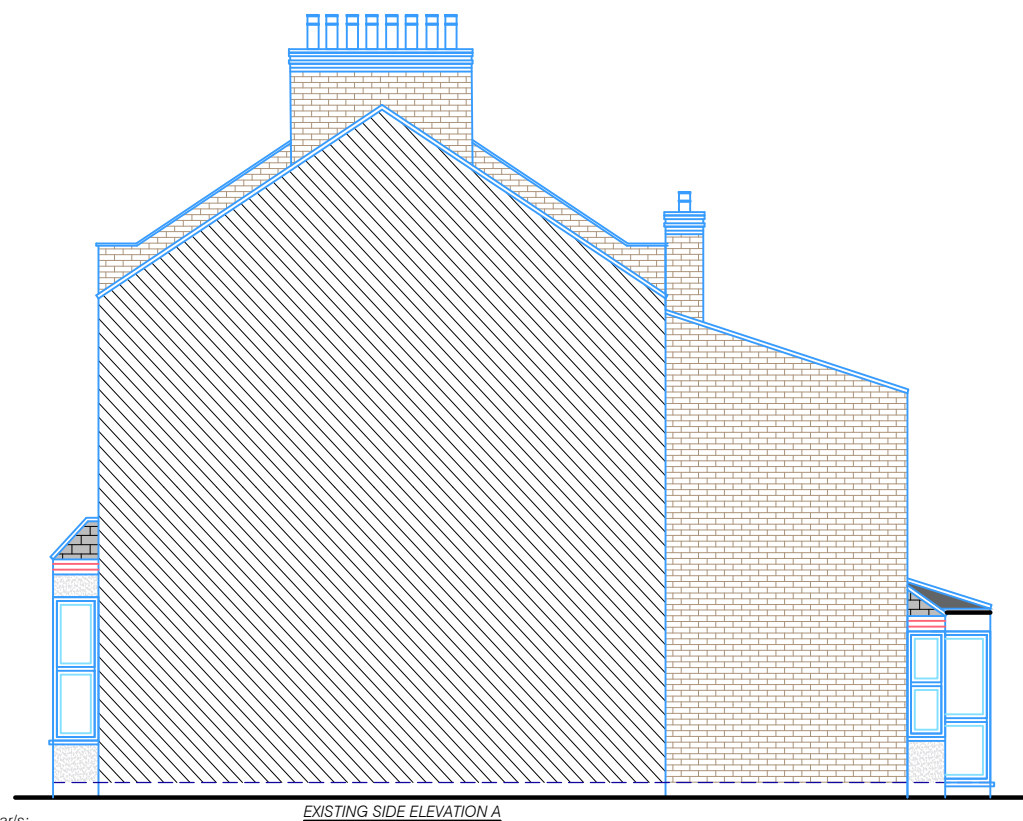
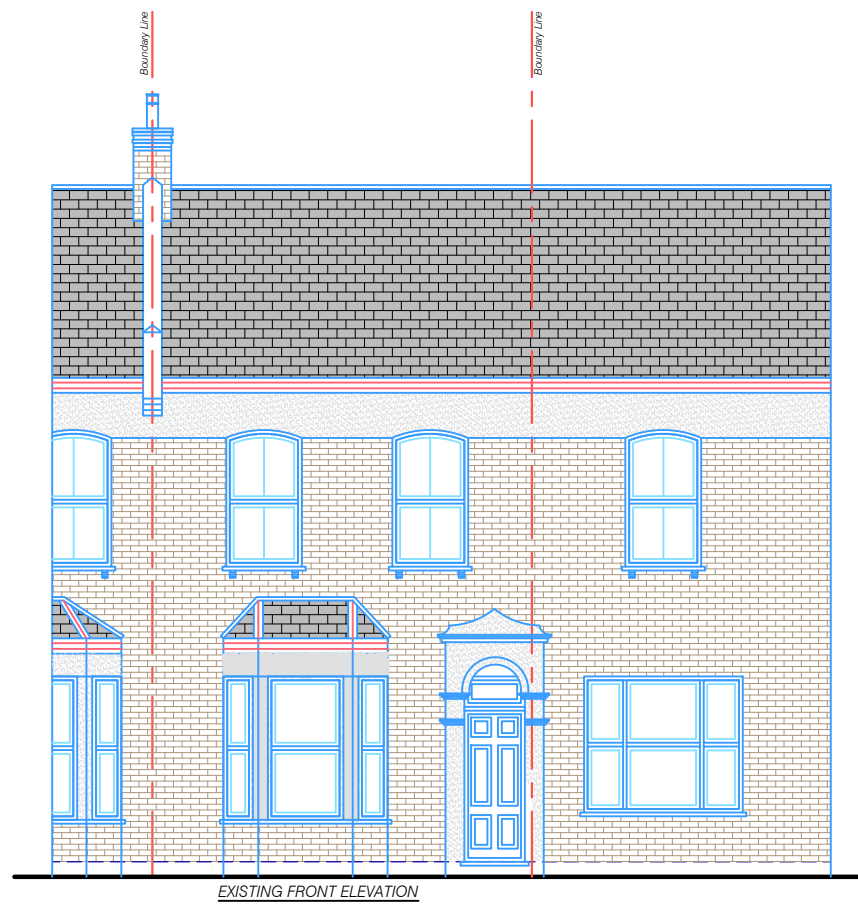
Boundary Line

PROPOSED ROOF PLAN



Issue	Notes	Drawn	Date
<p>Express Plans</p> <p>Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk</p>			
<p>Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH</p>			
<p>Drawing Title</p> <p>PROPOSED ROOF PLAN</p>			
Scale	Date	Checked	Drawn By
1:50 @A3	19/04/24	AZ	AZ
Drawing Number			Revision
D04			

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. - This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (off 75 micron)
 Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete.
 Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber:
 All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing/plates bolted through web of beams
 M12@500 centres behind joists hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer



Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title EXISTING ELEVATIONS			
Scale 1:100 @ A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D05			Revision

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. - This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Yellow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (Zn 75 micron). Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing/plates bolted through web of beams M12@500 centres behind joist hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer.



PROPOSED FRONT ELEVATION

cross ventilation to be provided by a proprietary eaves ventilation strip, equivalent to a 25mm continuous gap at eaves level with insect grill and 50mm air gap between felt and insulation



PROPOSED REAR ELEVATION

new structural support / steelwork shown indicative only, refer to s.e details all steelwork to be fire protected to minimum 30 minutes all new structural support / steelwork shown indicative only, and is subject to structural engineer's design and to building control approval.

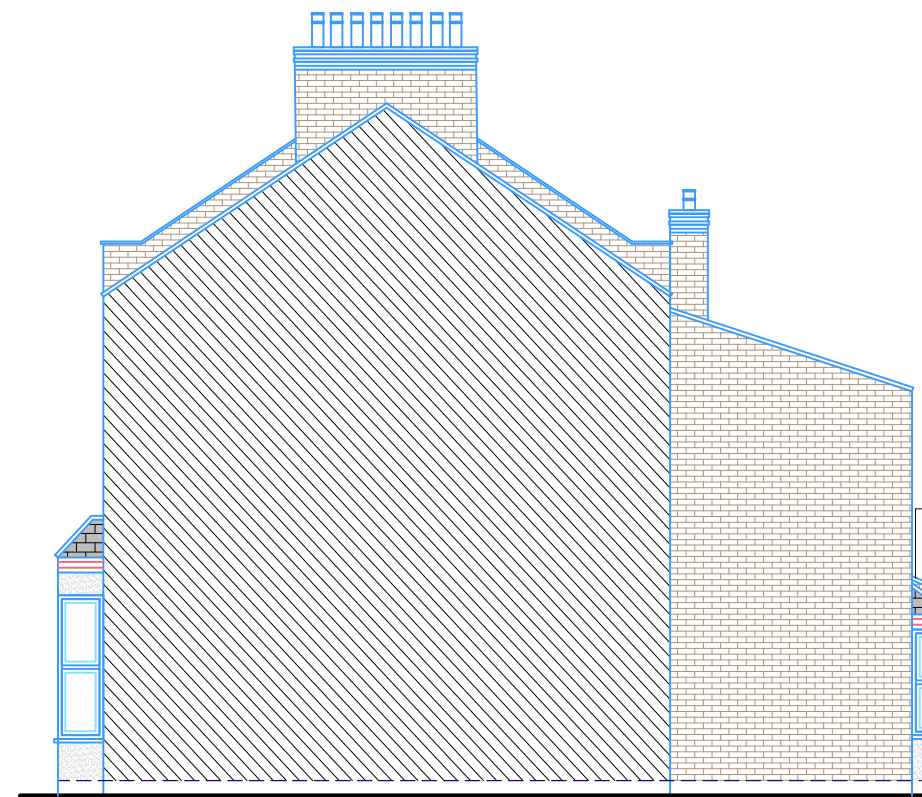
New doors to be aluminium powder coated doors. Colour to be either black or anthracite.

materials used for the rear Ext will match the materials on the host dwelling

600 wide mass concrete taken down to load bearing sub-soil a with a minimum 500mm depth (to be confirmed by building control)

code 4 lead flashing fitted between wall gap and roof to prevent water egress, all lead flashings laid according to lead development association the new roof tiles to match the main roof

NEAR FULL FILL CAVITY WALL (BRICK FINISH)
 Facing brickwork outer leaf (spec be agreed with client)
 10 cavity / air space
 90mm kooltherm k106 - kingspan insulation
 100mm 7.0n lightweight aerated blockwork inner leaf (max density of 730 kg/m³, k-value 0.11 w/mk) with necessary movement joints as per manufacturer's specs
 galvanised (vertical twist) cavity ties @450 cc vert + 900cc horizontal, all spacing reduced to 225cc within 300mm of openings
 12.5 foil-backed plasterboard on dabs + skim coat over all u-value calculated = 0.17 w/m²k
 install dpc at min 150 above ground level and continued under thresholds
 - pre formed plastic weep holes at 75mm h x 10 w @ 900 c/c with chamfered mortar fill at dpc level



PROPOSED SIDE ELEVATION A

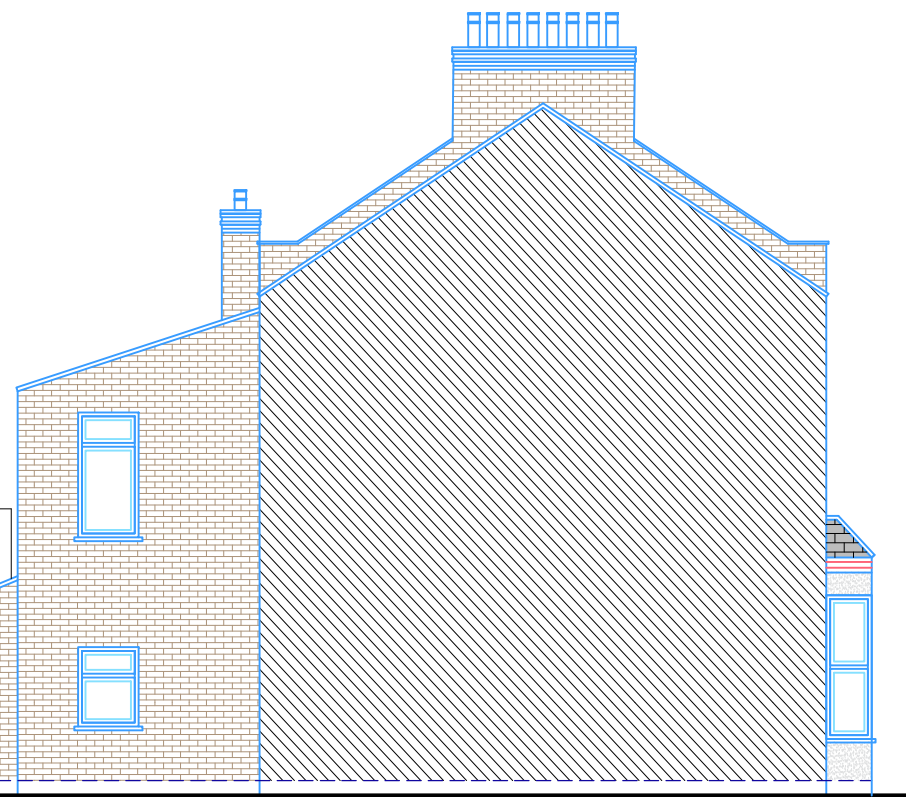
all new rainwater goods to match profile and colour of existing retained any new rainwater drainage system installed to be linked to either existing or new soak away system min +5m away from building foundation (b/c on site)

code 4 lead flashing fitted between wall gap and roof to prevent water egress, all lead flashings laid according to lead development association the new roof tiles to match the main roof

all new rainwater goods to match profile and colour of existing retained

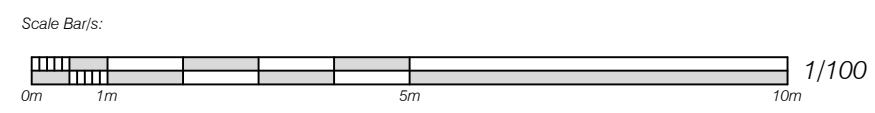
New doors to be aluminium powder coated doors. Colour to be either black or anthracite.

NEAR FULL FILL CAVITY WALL (BRICK FINISH)
 Facing brickwork outer leaf (spec be agreed with client)
 10 cavity / air space
 90mm kooltherm k106 - kingspan insulation
 100mm 7.0n lightweight aerated blockwork inner leaf (max density of 730 kg/m³, k-value 0.11 w/mk) with necessary movement joints as per manufacturer's specs
 galvanised (vertical twist) cavity ties @450 cc vert + 900cc horizontal, all spacing reduced to 225cc within 300mm of openings
 12.5 foil-backed plasterboard on dabs + skim coat over all u-value calculated = 0.17 w/m²k
 install dpc at min 150 above ground level and continued under thresholds
 - pre formed plastic weep holes at 75mm h x 10 w @ 900 c/c with chamfered mortar fill at dpc level



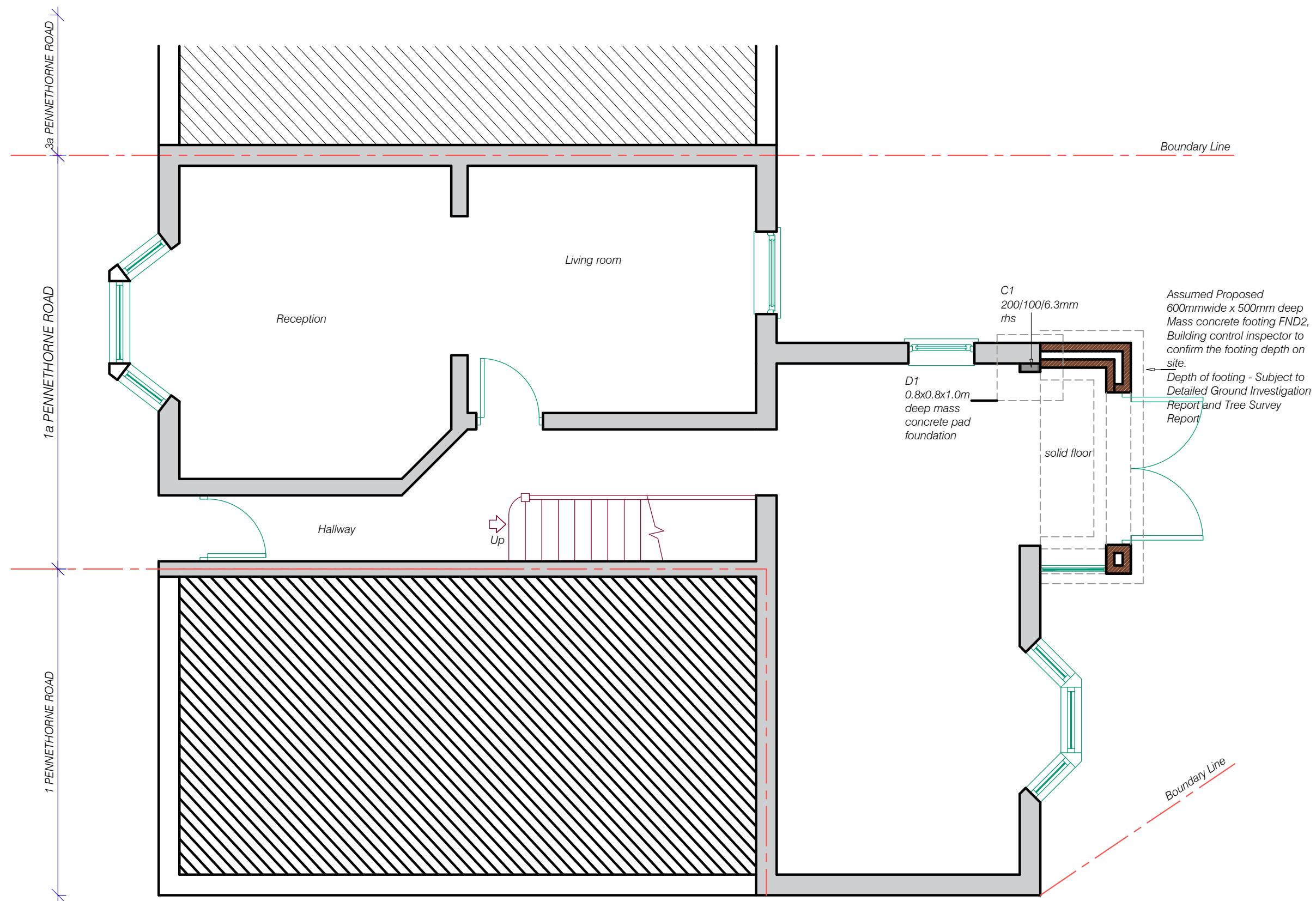
PROPOSED SIDE ELEVATION B

600 wide mass concrete taken down to load bearing sub-soil a with a minimum 500mm depth (to be confirmed by building control)

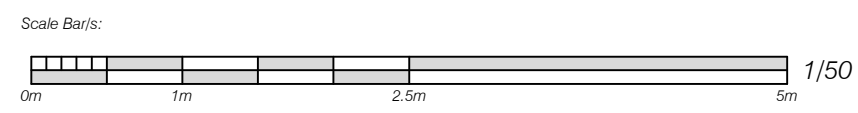


Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbridge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title PROPOSED ELEVATIONS			
Scale 1:100 @ A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D06			Revision

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. - This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (off 75 micron). Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing plates bolted through web of beams M12@500 centres behind joist hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer.

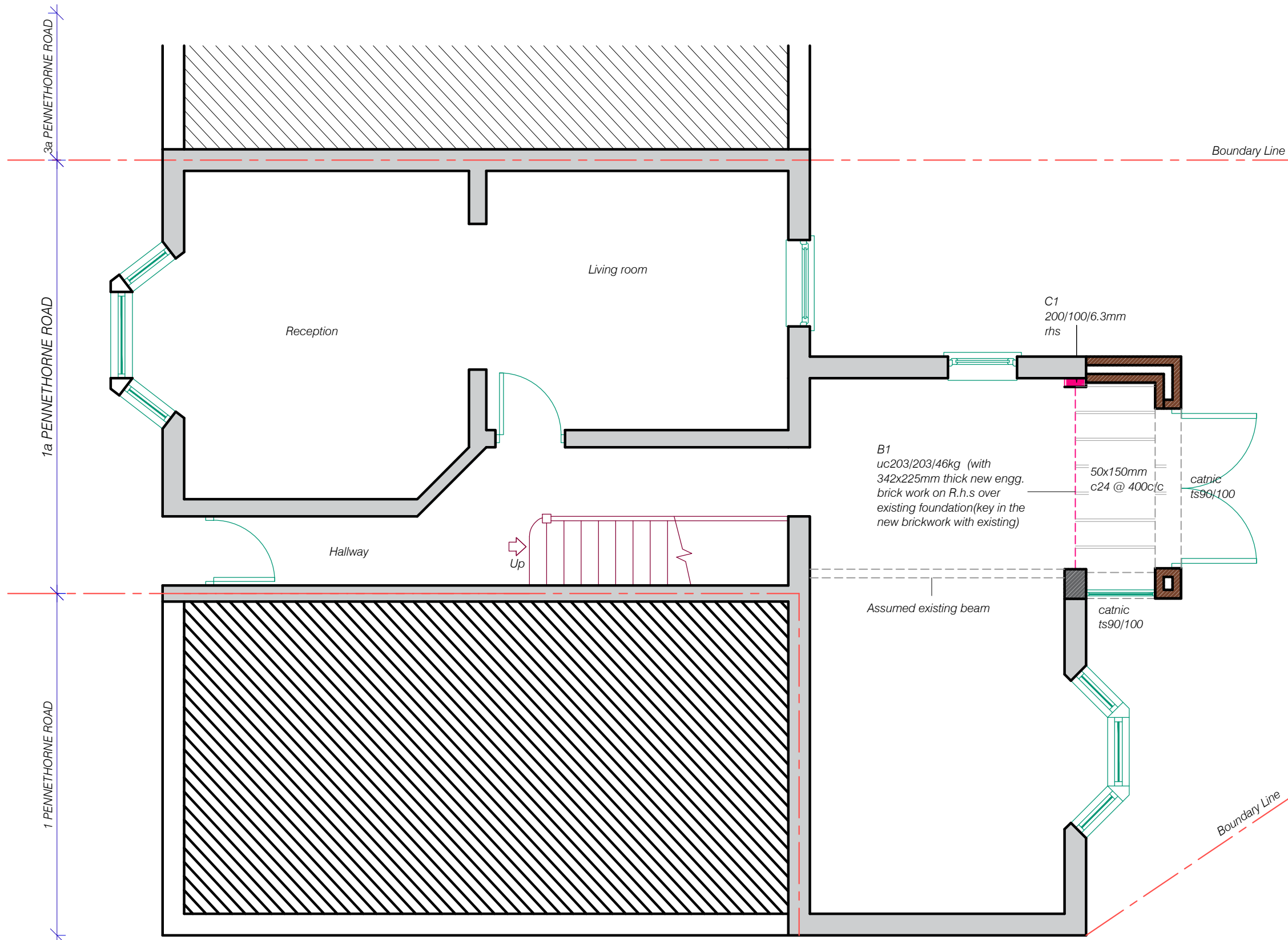


STRUCTURAL LAYOUT (FOUNDATION)

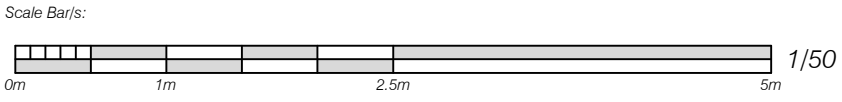


Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbridge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title STRUCTURAL LAYOUT			
Scale 1:50 @ A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D07			Revision

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. -This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (off 75 micron). Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing/plates bolted through web of beams.
 M12@500 centres behind joist hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer.

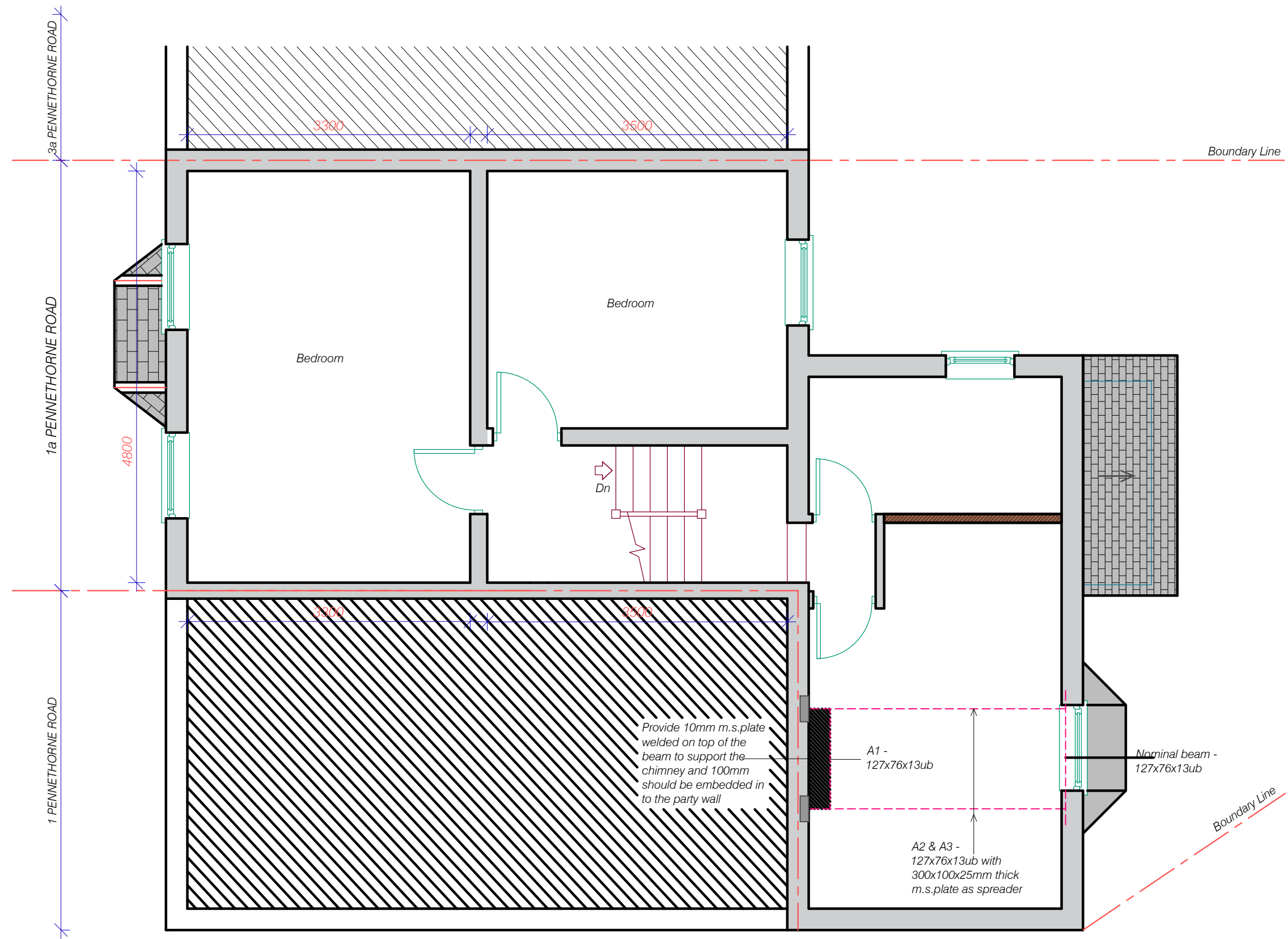


STRUCTURAL LAYOUT (FIRST FLOOR)



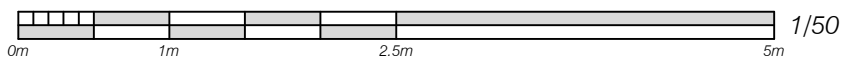
Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbridge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title STRUCTURAL LAYOUT			
Scale 1:50 @ A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D08			Revision

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. - This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer. Zinc phosphate (off 75 micron). Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing plates bolted through web of beams M12@500 centres behind joists hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer.



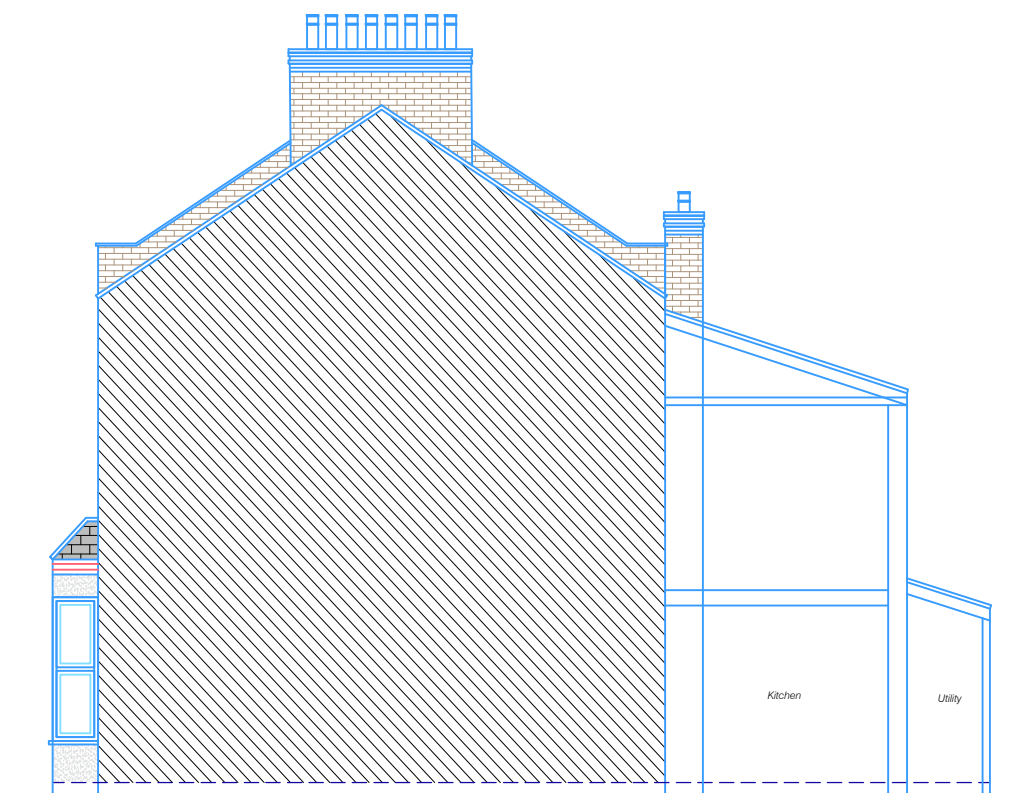
STRUCTURAL LAYOUT (CEILING LEVEL)

Scale Bar/s:

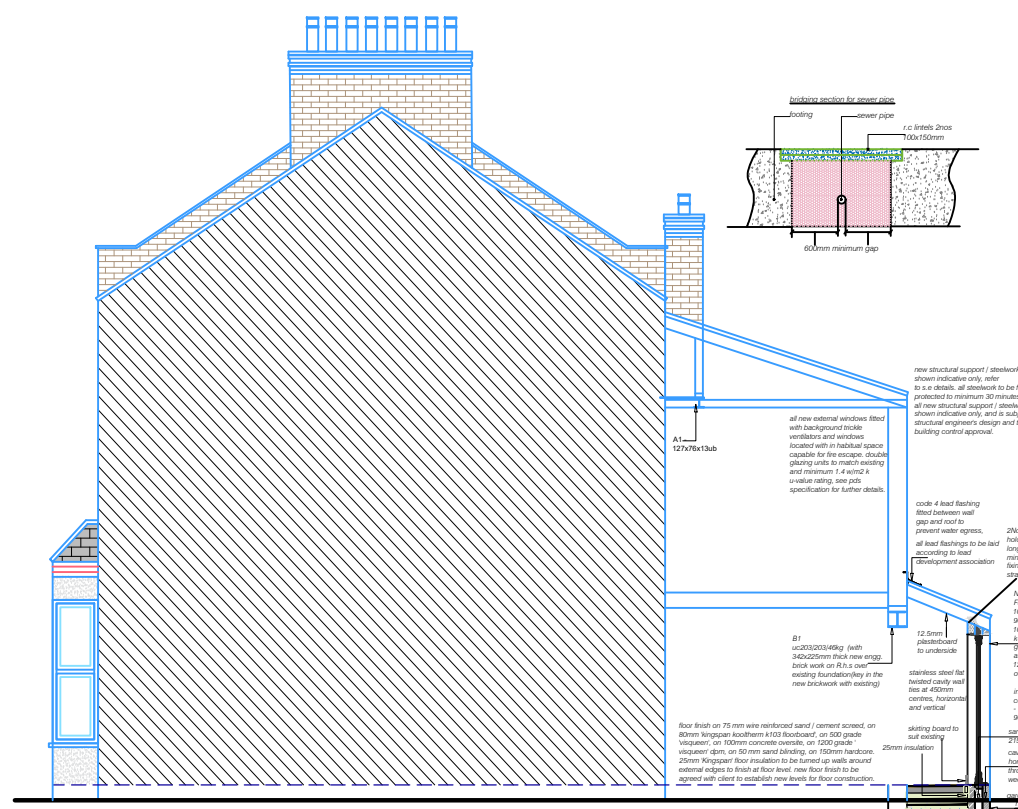


Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title STRUCTURAL LAYOUT			
Scale 1:50 @ A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D09			Revision

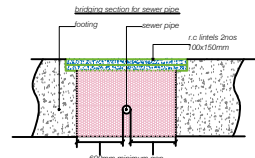
Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. - This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer. Zinc phosphate (off 75 micron).
 Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing/plates bolted through web of beams M12@500 centres behind joists hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer.



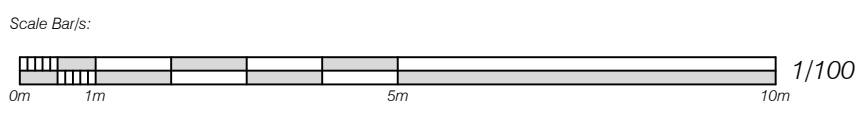
EXISTING SECTION AA



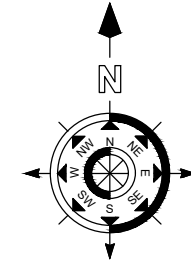
PROPOSED SECTION AA



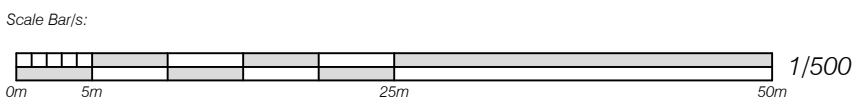
new structural support / steelwork shown indicative only, refer to 2a details. All steelwork to be protected to minimum 30 minutes.
 All new structural support / steelwork shown indicative only, and is subject to structural engineer's design and to building control approval.
 all new external windows fitted with background brickwork ventilation and windows located with in habitable space capable for the escape. Double glazing units to match existing and minimum U-value rating, see joint specification for further details.
 coats 4 lead flashing fitted between wall gap and roof to prevent water ingress, all lead flashings to be lead according to lead.
 2No. Simpson Strong Tie or Equival. Tied Vertical holding down anchors. Galvalume strap 7100mm long, vertical leg to be face fixed to the masonry with minimum of no. 12@75 staggered screws, with the leg to be located within 500mm of bottom end of the wall - being according to manufacturer's details.
 NEAR FULL FILL Cavity WALL (BRICK INSID)
 Facing brickwork outer leaf (spec to be agreed with client) 10 cavity air space
 80mm insulation x 95 - Kingspan insulation
 100mm 7 or 8 lightweight aerated blockwork inner leaf (max density of 720 Kg/m³, Lambda 0.11) with necessary movement joints as per manufacturer's specs
 12.5 full backed plasterboard on studs - skim coat over all - value calculated = 0.17 approx.
 install dpc at min 150 above ground level and continued under thresholds
 one formed plastic weep holes at 75mm h x 10 w @ 900 c/c with chamfered mortar fill at dpc level
 seal / cement fill to cavity
 2750c below dpc
 cavity stay (a dpc starting in the internal leaf, backed into a horizontal brick, sloping down across the cavity and turning through the external leaf, discharging any moisture to weepholes. dpc to be 150mm above finished ground level.
 2750c below dpc
 Top polymer (thylax) damp proof course to both walls minimum 150mm above external ground level
 All blockwork below DPM to have minimum compressive strength of 7.0N/m², with density 2000kg/m³, and constructed in 1:2:5.3 M12 mortar. Blockwork to be category 1 manufacture control if blockwork below DPM to have minimum compressive strength of 7.0N/m², with density 2000kg/m³, and constructed in 1:0.25:3 M12 mortar. Blockwork to be category 1 manufacture control.
 Assumed Proposed 600mm wide x 1000mm deep Mass concrete footing (M20) Building control inspector to confirm the footing depth on site.
 Depth of footing - Subject to Detailed Ground Investigation Report and Tree Survey Report



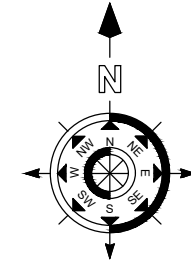
Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title EXISTING + PROPOSED SECTION AA			
Scale 1:100 @ A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D10			Revision



Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. This drawing remains the copyright of Express plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer, Zinc phosphate (Zn 75 micro).
 Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joist depth. Use steel beam with solid timber packing plates bolted through web of beams M12@500 centres behind joist hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer.



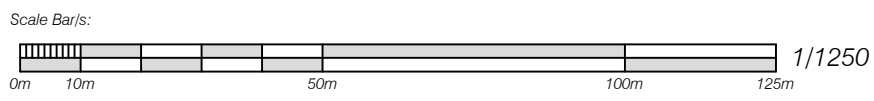
Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title BLOCK PLAN			
Scale 1:500 @ A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D11			Revision



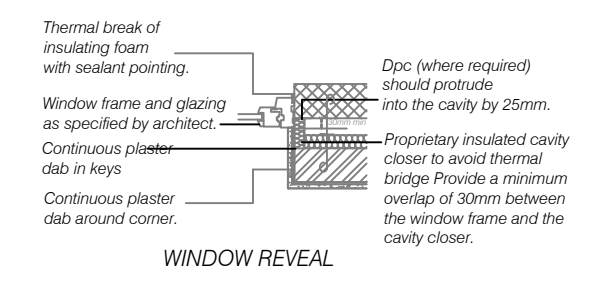
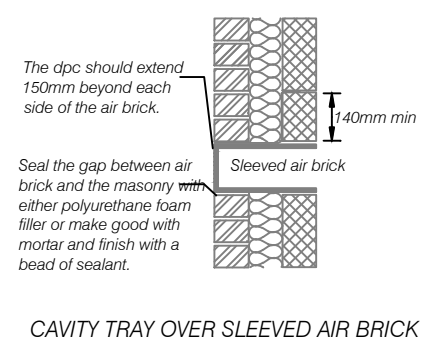
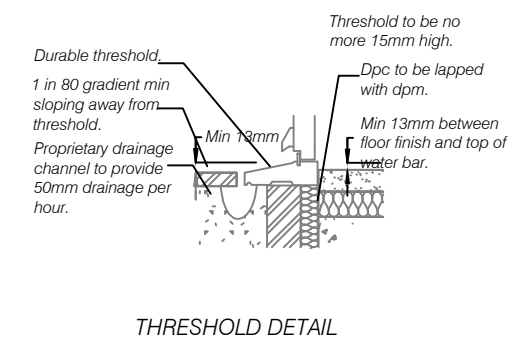
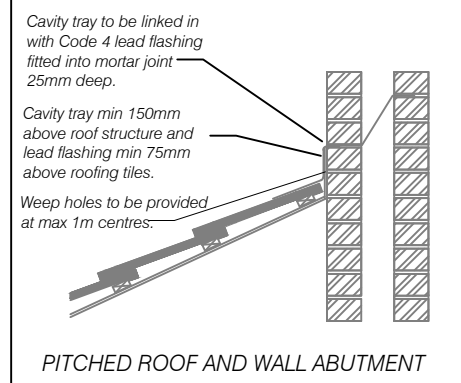
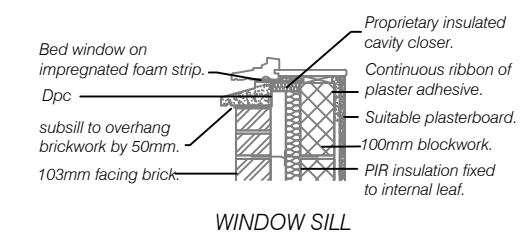
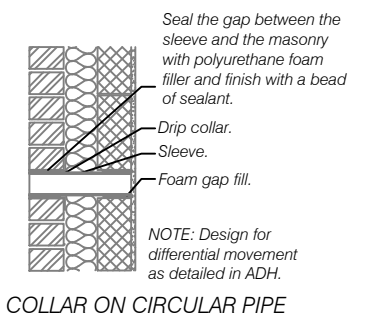
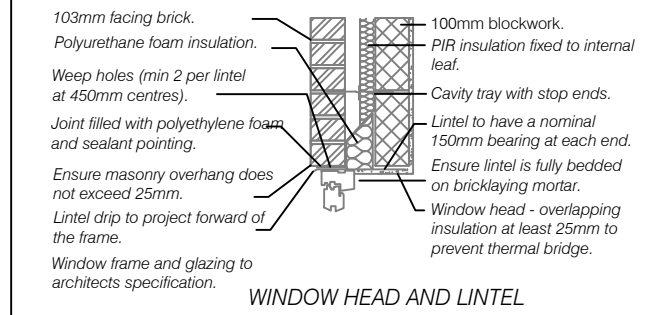
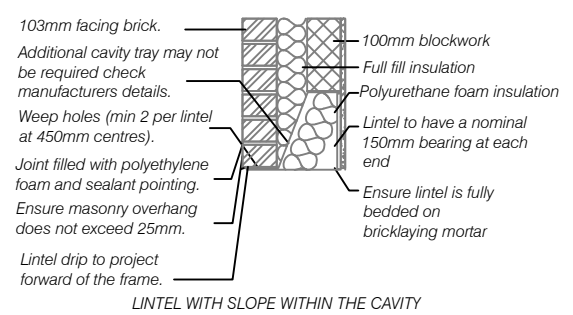
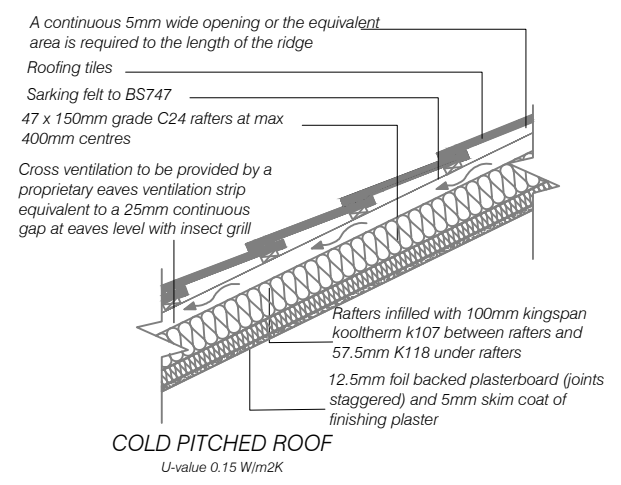
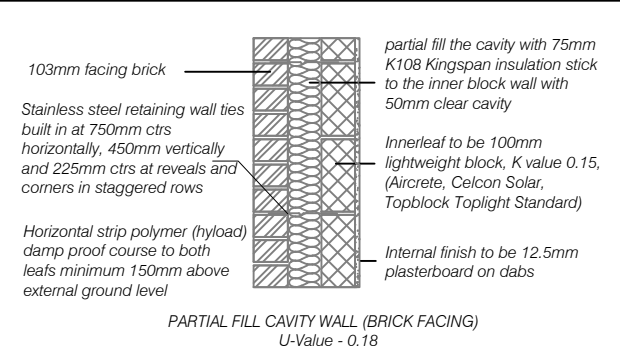
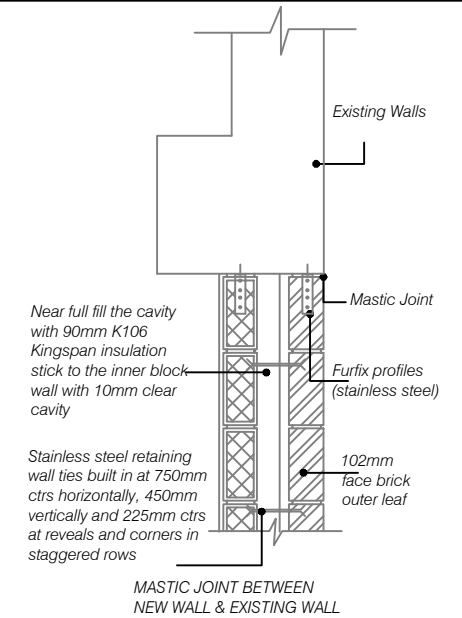
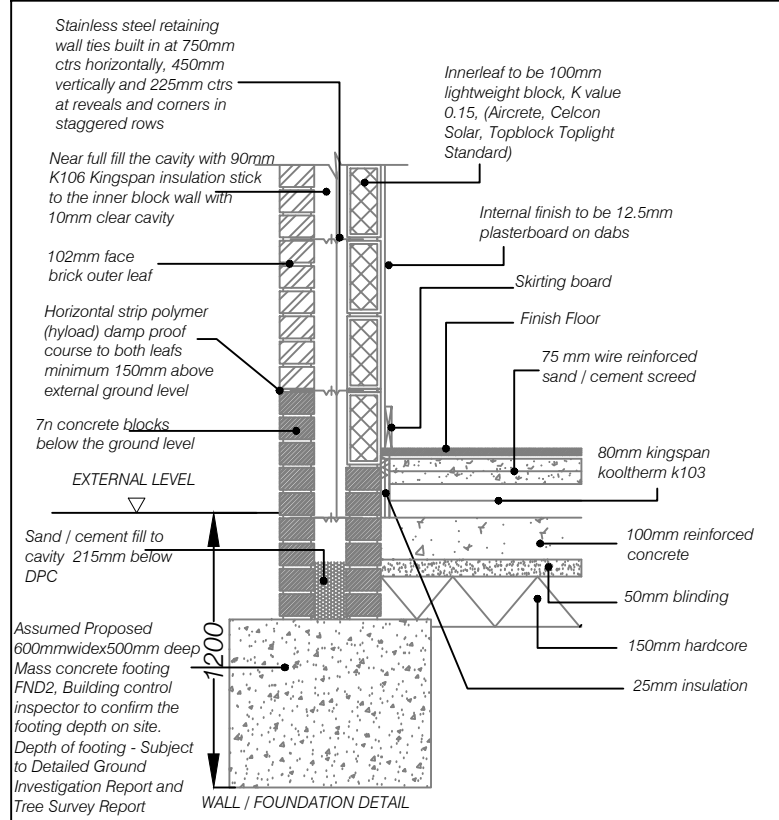
Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. This drawing remains the copyright of Express plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 JO (I-beam sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer, Zinc phosphates (at 75 microns)
 Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber.
 All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joist depth. Use steel beam with solid timber packing plates bolted through web of beams M12@500 centres behind joist hangers and for and strip fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer.



Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title LOCATION PLAN			
Scale 1:1250 @ A3	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D12			Revision

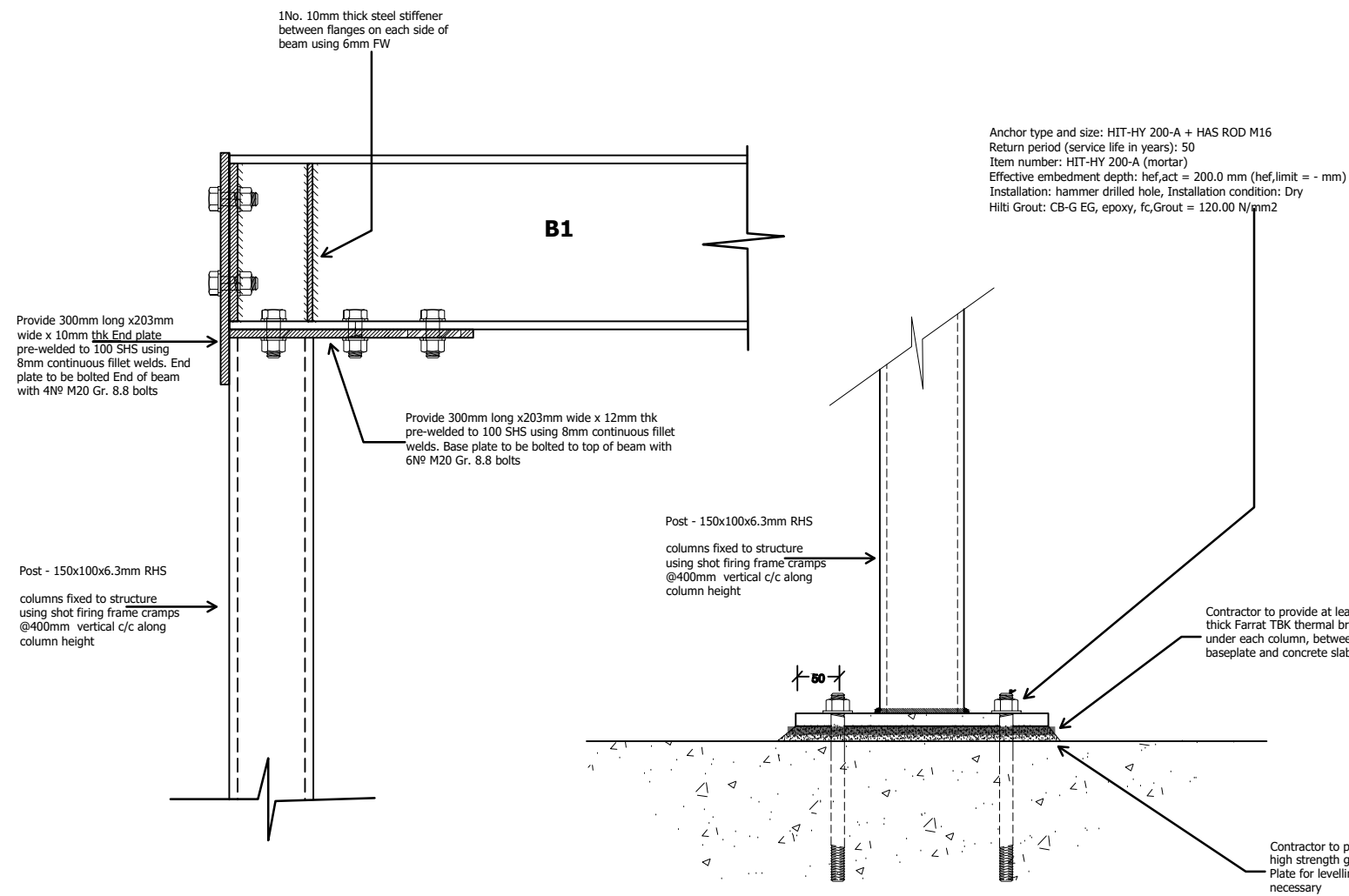


Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. - This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing is to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (off 75 micron). Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing plates bolted through web of beams M12@500 centres behind joist hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No underpinning of existing structure is to be carried out prior to consultation of structural engineer.

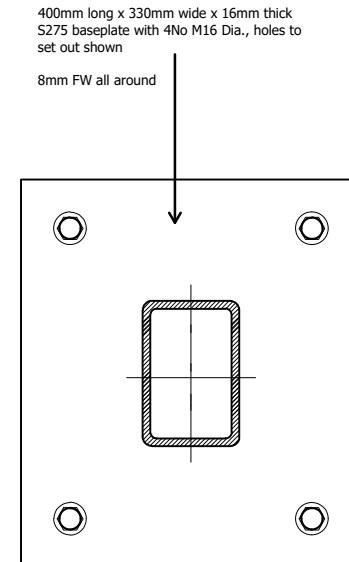
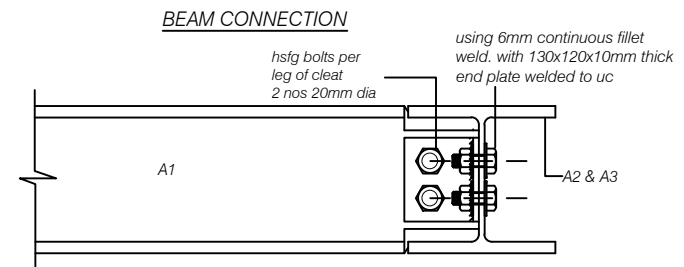


Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbridge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title B.R.DETAILS			
Scale NTS	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D13			Revision

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. -This drawing remains the copyright of Express plans and is not to be copied, altered or changed without permission.
 This drawing to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express plans for clarification prior to commencing the works
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (off 75 micro)
 Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire lime plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing plates bolted through web of beams M12@500 centres behind joist hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer

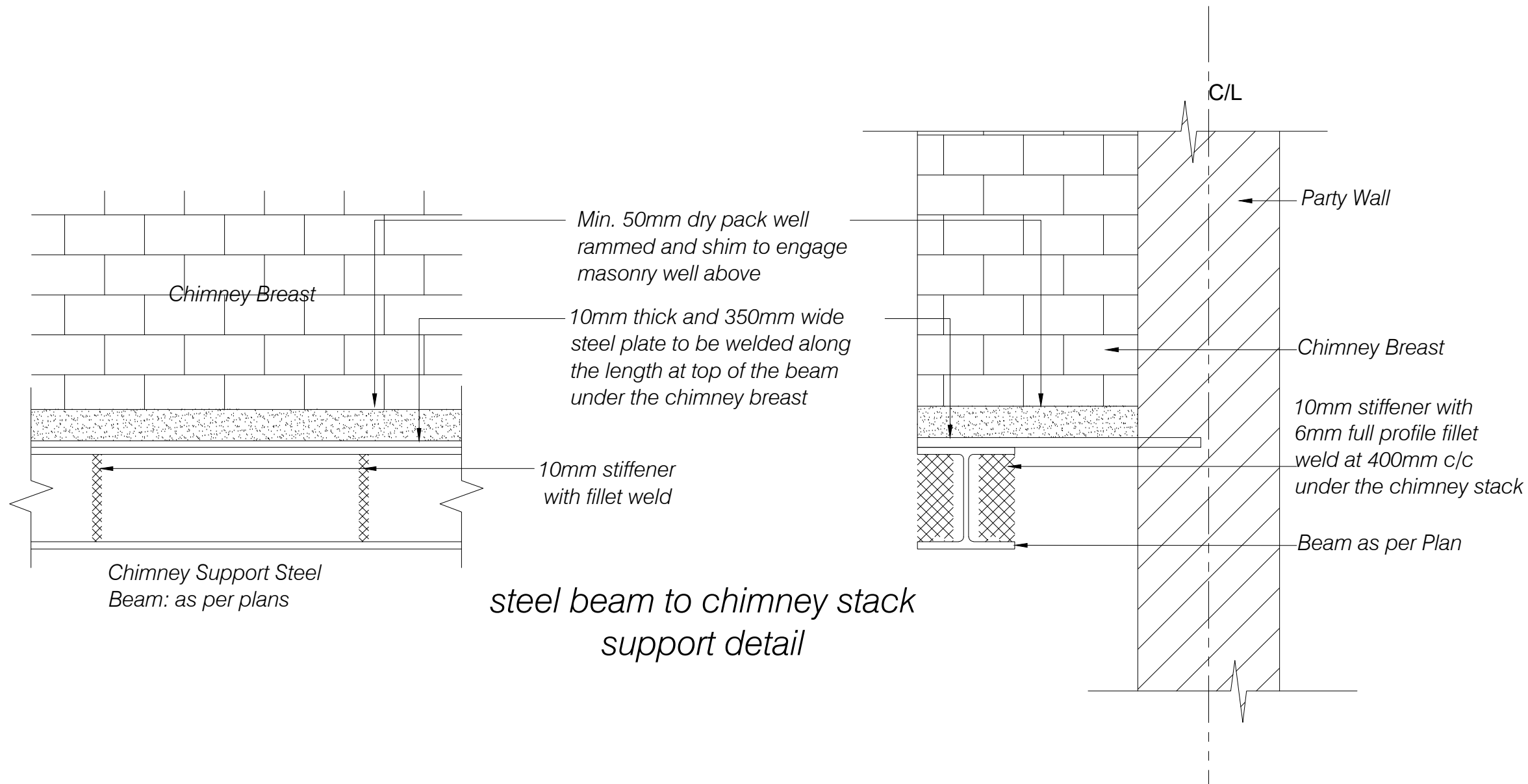


Steel Beam to Steel Column Connection



Issue	Notes	Drawn	Date
Express Plans			
Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS Tel: 07375 455206 Email: info@expressplans.co.uk			
Client Mr.S. Contractor 1a Pennethorne Road London SE15 5TH			
Drawing Title CONNECTIONS			
Scale NTS	Date 19/04/24	Checked AZ	Drawn By AZ
Drawing Number D16			Revision

Notes:
 Building Regulation Approval: The owners of the property are advised that an approval of the calculations and drawings by the Local Authority Building Control should be obtained prior to any ordering of material or fabrication. No liability is accepted for any changes that may be required as a result of work having commenced prior to such an approval having been obtained. - This drawing remains the copyright of Express Plans and is not to be copied, altered or changed without permission.
 This drawing is to be read in conjunction with architects and project specifications. Any discrepancy between this drawing and all other project drawings should be brought to the attention of Express Plans for clarification prior to commencing the works.
 Local Authority's building inspector is to be informed by the contractor in writing at least 48 hours prior to the works starting on site and their agreement obtained that work can commence. Structural Steelwork: All steel members grade to be BS EN 10025 S275 J0 (Hollow sections to be S355). Length of the beams and the columns should be provided by the contractor allowing minimum bearing. DO NOT SCALE THE DRAWING.
 Steel Corrosion Protection: Preparation: Shot blast to SA2.5. Shop primer: Zinc phosphate (off 75 micron)
 Fire Protection to steel Beams & columns: Box around all steels with 50 x 50 s.w. framework and 2 layers of 12.5mm Fire line plasterboard with staggered joints and 3.5mm skim finish.
 Pad stones: Pad stones to be grade C30 concrete. Beam bearing on pad stones to be minimum 100mm unless otherwise noted specified on Structural Timber: All timber grade C24 unless otherwise stated. Joints may be notched over bearing, maximum depth of notch 1/3 joint depth. Use steel beam with solid timber packing/plates bolted through web of beams M12@500 centres behind joists hangers and for and strap fixing. Temporary Works: The contractor is to accept full responsibility for the stability and safety of the works during the total construction period. No undermining of existing structure is to be carried out prior to consultation of structural engineer



Min. 50mm dry pack well rammed and shim to engage masonry well above

10mm thick and 350mm wide steel plate to be welded along the length at top of the beam under the chimney breast

10mm stiffener with fillet weld

Chimney Support Steel Beam: as per plans

steel beam to chimney stack support detail

Issue	Notes	Drawn	Date
-------	-------	-------	------

Express Plans

Suite 12, 29 Belmont Road, Uxbrdge, UB8 1QS
 Tel: 07375 455206 Email: info@expressplans.co.uk

Client
 Mr.S. Contractor
 1a Pennethorne Road
 London
 SE15 5TH

Drawing Title
 CONNECTIONS

Scale	Date	Checked	Drawn By
NTS	19/04/24	AZ	AZ

Drawing Number	Revision
D17	