

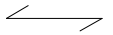
Legend



Proposed new timber joist lintel.



Denotes span of existing timber joists.



Denotes assumed span of existing timber joists (TBC).



New timber rafters to plant / substation extension.



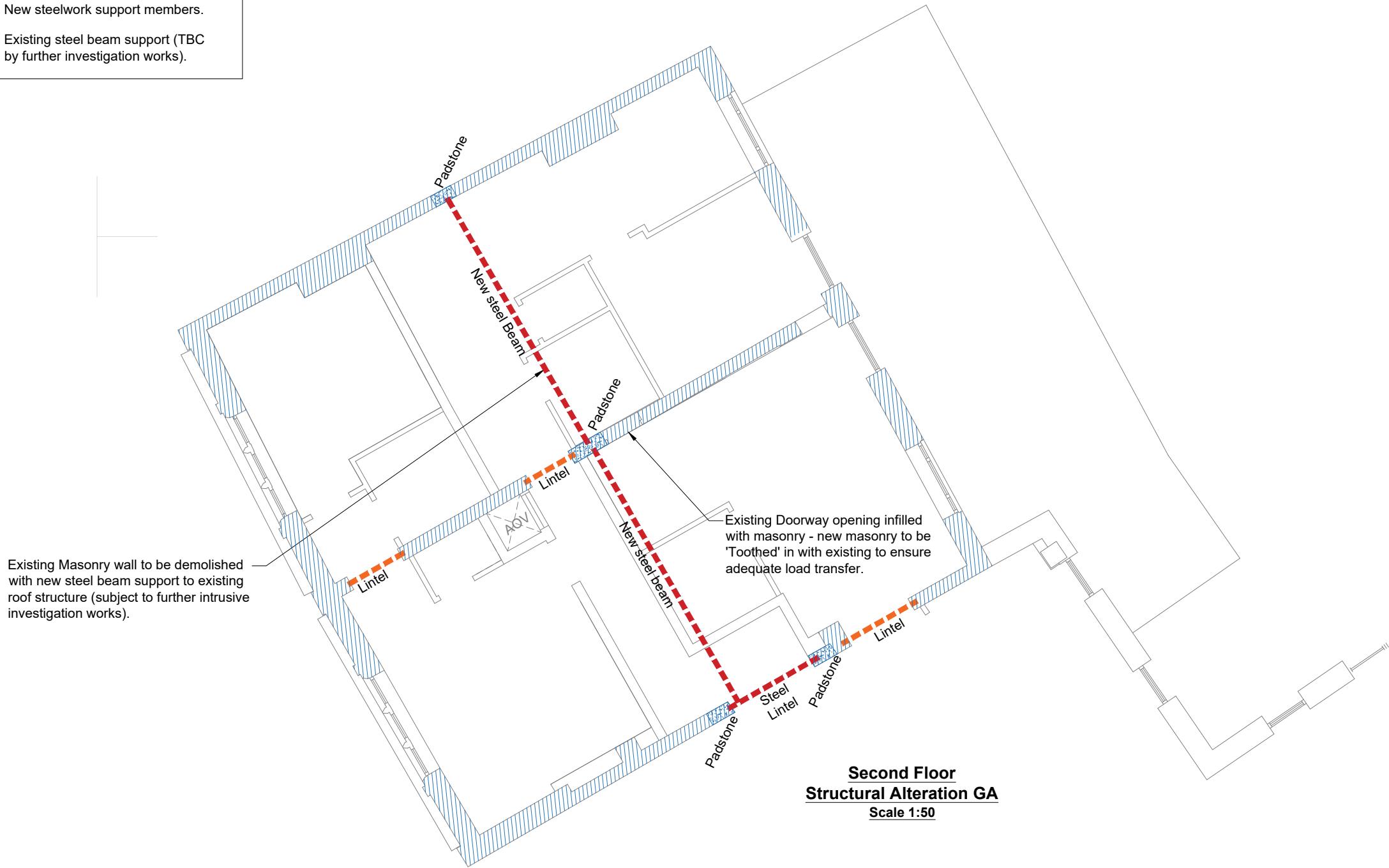
New precast concrete lintel members (fire rated where required).



New steelwork support members.



Existing steel beam support (TBC by further investigation works).



NOTES

1. Do not scale from this drawing.
2. This drawing is copyright and is sent to you in confidence. It must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Ltd. and must be returned on request.
3. This drawing is to be read in conjunction with all relevant contractual documents.
4. Anyone using this drawing must be aware of their legal duties under the CDM Regulations 2015, refer to the HSE website for further information. BKPL are not Principal Designers.
5. All dimensions shown on this drawing are in millimeters unless noted otherwise.
6. If the Contractor consider that they do not have sufficient information to safely complete the works detailed on this drawing, they should contact the Engineer.
7. All works are to be carried out in accordance with the Building Regulations (as amended) and to the approval of Building Standards.

ISSUED FOR INFORMATION

P01	24.11.23	ISSUED FOR COMMENTS	JO
REV.	DATE	REVISION DETAILS	INITIALS



CONSULTING CIVIL & STRUCTURAL ENGINEERS

www.booth-king.co.uk

office@booth-king.co.uk

MANCHESTER

RAMSBOTTOM

EDINBURGH

Tel: 0161 694 7087

Tel: 01706 822 022

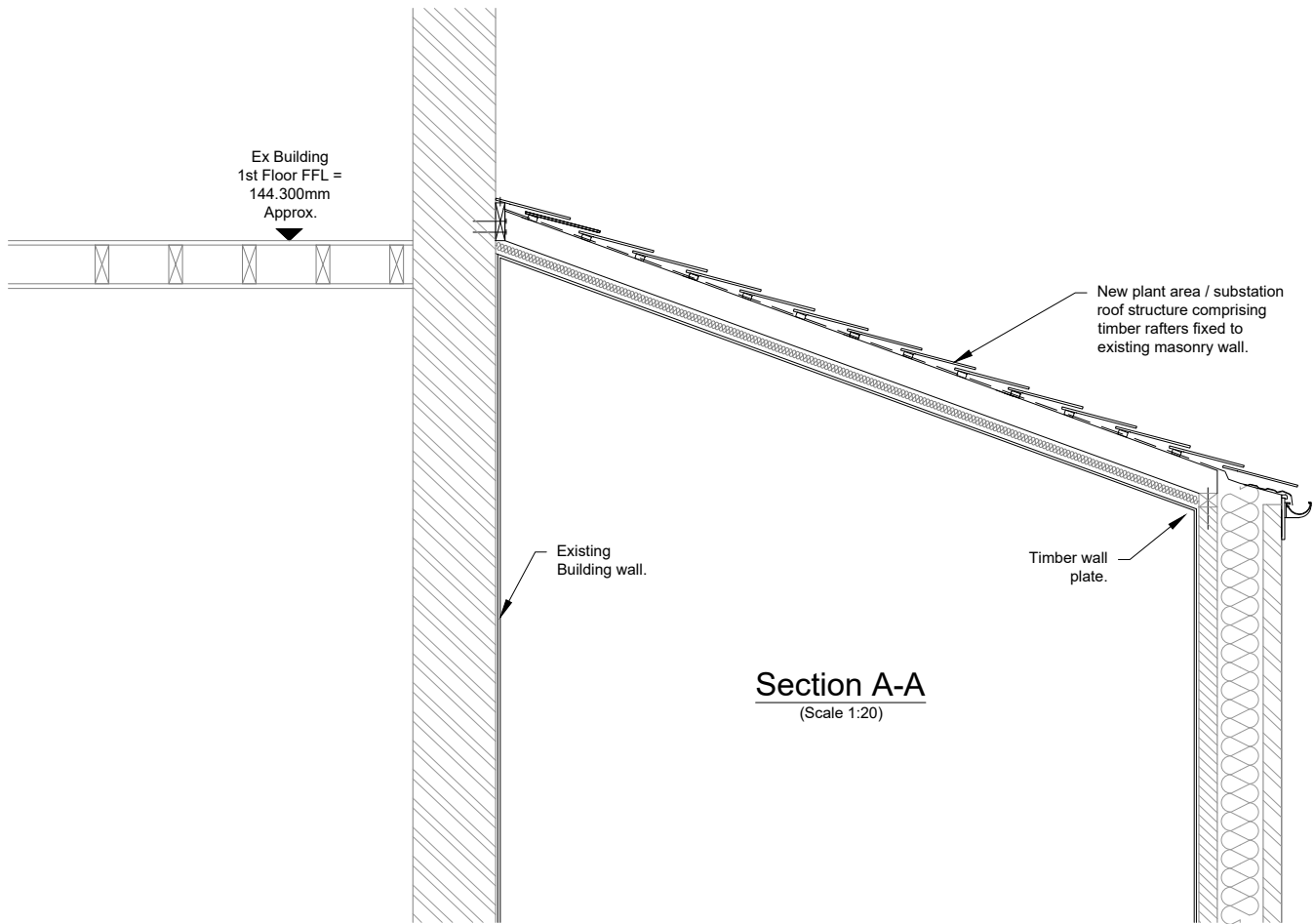
Tel: 0131 229 1547

PROJECT: Rochdale Corner Plot

TITLE: 29-31 Maclure Road- Second Floor Structural Alterations GA

SCALE @ A1:	DRAWN:	DATE:	REVISION:	STATUS:
As Shown	JO	Nov 23	P01	

DRAWING No: 14834-BKP-V1-02-DR-S-123



NOTES

1. Do not scale from this drawing.
2. This drawing is copyright and is sent to you in confidence. It must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Ltd. and must be returned on request.
3. This drawing is to be read in conjunction with all relevant contractual documents.
4. Anyone using this drawing must be aware of their legal duties under the CDM Regulations 2015, refer to the HSE website for further information. BKPL are not Principal Designers.
5. All dimensions shown on this drawing are in millimeters unless noted otherwise.
6. If the Contractor consider that they do not have sufficient information to safely complete the works detailed on this drawing, they should contact the Engineer.
7. All works are to be carried out in accordance with the Building Regulations (as amended) and to the approval of Building Standards.

ISSUED FOR INFORMATION

P01	24.11.23	ISSUED FOR COMMENTS	JO
REV.	DATE	REVISION DETAILS	INITIALS

bk

boothking

PARTNERSHIP LIMITED

CONSULTING CIVIL & STRUCTURAL ENGINEERS

www.booth-king.co.uk

office@booth-king.co.uk

MANCHESTER

RAMSBOTTOM

EDINBURGH

Tel: 0161 694 7087

Tel: 01706 822 022

Tel: 0131 229 1547

PROJECT:

Rochdale
Corner Plot

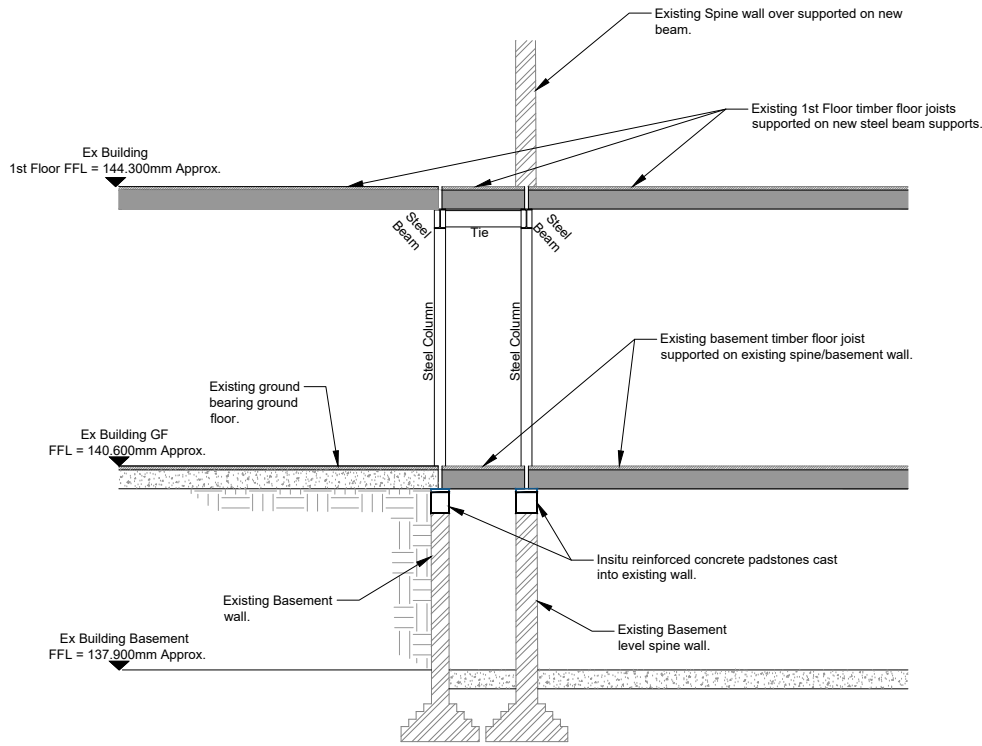
TITLE:

29-31 Maclure Road- First Floor
Structural Alterations GA

SCALE @ A1:	DRAWN:	DATE:	REVISION:	STATUS:
As Shown	JO	Nov 23	P01	

DRAWING No:

14834-BKP-V1-00-DR-S-122



Section A-A
Scale 1:50

NOTES

1. Do not scale from this drawing.
2. This drawing is copyright and is sent to you in confidence. It must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Ltd. and must be returned on request.
3. This drawing is to be read in conjunction with all relevant contractual documents.
4. Anyone using this drawing must be aware of their legal duties under the CDM Regulations 2015, refer to the HSE website for further information. BKPL are not Principal Designers.
5. All dimensions shown on this drawing are in millimeters unless noted otherwise.
6. If the Contractor consider that they do not have sufficient information to safely complete the works detailed on this drawing, they should contact the Engineer.
7. All works are to be carried out in accordance with the Building Regulations (as amended) and to the approval of Building Standards.

ISSUED FOR INFORMATION

P01	24.11.23	STAGE 2 ISSUE	JO
REV.	DATE	REVISION DETAILS	INITIALS

bk

boothking

PARTNERSHIP LIMITED

CONSULTING CIVIL & STRUCTURAL ENGINEERS

www.booth-king.co.uk

office@booth-king.co.uk

MANCHESTER

RAMSBOTTOM

EDINBURGH

Tel: 0161 694 7087

Tel: 01706 822 022

Tel: 0131 229 1547

PROJECT:

Rochdale
Corner Plot

TITLE:

29-31 Maclure Road - Basement
Structural Alterations Details

SCALE @ A1:	DRAWN:	DATE:	REVISION:	STATUS:
As Shown	JO	Nov 23	P01	

DRAWING No:

14834-BKP-V1-B1-DR-S-130

Legend

Proposed new timber joist lintel.

Denotes span of existing timber joists.

Denotes assumed span of existing timber joists (TBC).

New steelwork support members.

Existing steel beam support (TBC by further investigation works).

Existing stair and half landing access to existing bathroom to be removed, New timber joist infill to tie in with existing floor arrangements - Details TBC subject to further intensive investigation works.

Existing assumed steel beam to be temporarily propped during installation of new steelwork, end to be nominally trimmed and new steel - to - steel connection formed to new frame.

New plant area/ substation area structure to consist of load bearing masonry external walls with timber rafter roof structure (with support taken existing walls with suitable wall starter system and supported on new piled foundations. Architect to provide details of new Rainwater down pipe arrangements for new and existing roof.

Existing Basement access stair to be removed as part of renovation works, new basement access hatch to be provided in new plant room for future access / maintenance.

Existing masonry to GL Ea wall assumed to support existing 1st floor structure over - TBC by further intensive investigation works. Where new support frame is required, details to be as per works to GL Eb. (Including temporary support and new permanent support to existing steel beam where present).

Existing spine wall to be removed GL Eb. New steel goal-post arrangement to be provided to support existing spine wall over and existing 1st floor timber joist floor. Suitable temporary support strategy to be developed including temporary propping of existing wall above 1st floor level and existing timber joist,backpropping to basement level, careful removal of existing, Casting of new concrete spreaders at basement level and installation of new steelwork supports (installed tight to underside of existing structure and adequately laterally restrained by existing floor) prior to removal of temporary wall system.

Ground Floor
Structural Alteration GA
Scale 1:50

General Repairs / Refurbishment Notes

All works shown on this drawing are subject to further intrusive investigation works to inform the final design and identify minor repairs/remedials where necessary.

All fire protection of the existing building structure to be developed by the architect/ fire consultant.

Works to include inspection of all timber floor / existing wall interfaces and minor works to ensure interfaces meet requirements for disproportionate collapse in accordance with Building Regulations Approved Document A - consisting of adequate bearing between timber / masonry works, adequate swapping of timber members to existing works where necessary. Where required, additional noggins to be installed to timber joist floors.

NOTES

- Do not scale from this drawing.
- This drawing is copyright and is sent to you in confidence. It must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Ltd. and must be returned on request.
- This drawing is to be read in conjunction with all relevant contractual documents.
- Anyone using this drawing must be aware of their legal duties under the CDM Regulations 2015, refer to the HSE website for further information. BKPL are not Principal Designers.
- All dimensions shown on this drawing are in millimeters unless noted otherwise.
- If the Contractor consider that they do not have sufficient information to safely complete the works detailed on this drawing, they should contact the Engineer.
- All works are to be carried out in accordance with the Building Regulations (as amended) and to the approval of Building Standards.

ISSUED FOR INFORMATION

P01	24.11.23	ISSUED FOR COMMENTS	JO
REV.	DATE	REVISION DETAILS	INITIALS

bk

boothking

PARTNERSHIP LIMITED

CONSULTING CIVIL & STRUCTURAL ENGINEERS

www.booth-king.co.uk

office@booth-king.co.uk

MANCHESTER

RAMSBOTTOM

EDINBURGH

Tel: 0161 694 7087

Tel: 01706 822 022

Tel: 0131 229 1547

PROJECT:

Rochdale
Corner Plot

TITLE:

29-31 Maclure Road-Ground Floor
Structural Alterations GA

SCALE @ A1:	DRAWN:	DATE:	REVISION:	STATUS:
As Shown	JO	Nov 23	P01	

DRAWING No:

14834-BKP-V1-00-DR-S-121

Legend



Proposed new timber joist lintel.



Denotes span of existing timber joists.



Denotes assumed span of existing timber joists (TBC).



New timber rafters to plant / substation extension.



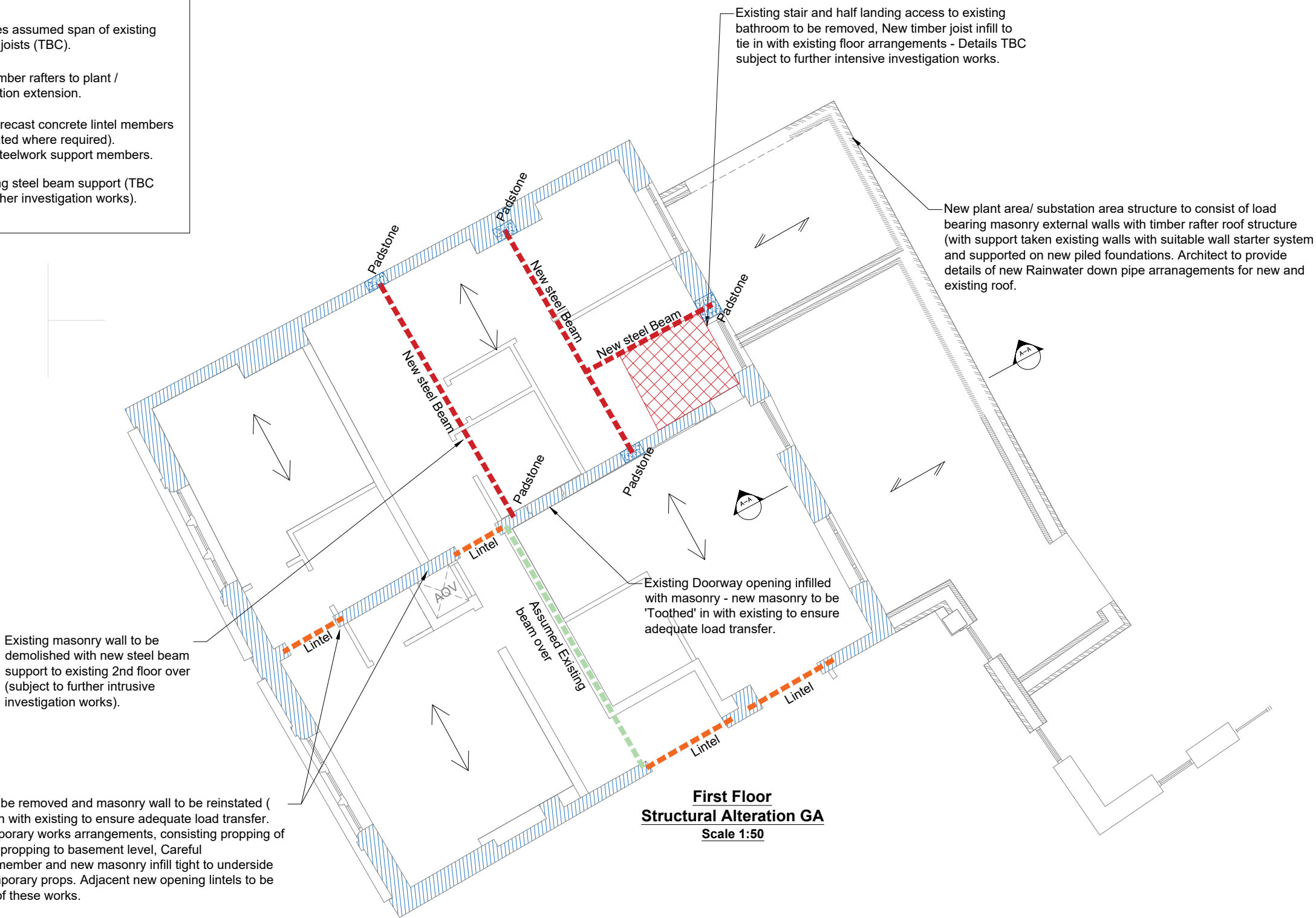
New precast concrete lintel members (fire rated where required).



New steelwork support members.



Existing steel beam support (TBC by further investigation works).



Existing stair and half landing access to existing bathroom to be removed, New timber joist infill to tie in with existing floor arrangements - Details TBC subject to further intensive investigation works.

New plant area/ substation area structure to consist of load bearing masonry external walls with timber rafter roof structure (with support taken existing walls with suitable wall starter system and supported on new piled foundations. Architect to provide details of new Rainwater down pipe arrangements for new and existing roof.

Existing masonry wall to be demolished with new steel beam support to existing 2nd floor over (subject to further intrusive investigation works).

Existing Doorway opening infilled with masonry - new masonry to be 'Toothed' in with existing to ensure adequate load transfer.

First Floor
Structural Alteration GA
Scale 1:50

Existing steel support beam to be removed and masonry wall to be reinstated (New masonry to be 'Toothed' in with existing to ensure adequate load transfer. Works suitable to detailed temporary works arrangements, consisting propping of existing wall over beam, back propping to basement level, Careful removal/cutting down of steel member and new masonry infill tight to underside of existing prior to removal temporary props. Adjacent new opening lintels to be installed following completion of these works.

NOTES

1. Do not scale from this drawing.
2. This drawing is copyright and is sent to you in confidence. It must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Ltd. and must be returned on request.
3. This drawing is to be read in conjunction with all relevant contractual documents.
4. Anyone using this drawing must be aware of their legal duties under the CDM Regulations 2015, refer to the HSE website for further information. BKPL are not Principal Designers.
5. All dimensions shown on this drawing are in millimeters unless noted otherwise.
6. If the Contractor consider that they do not have sufficient information to safely complete the works detailed on this drawing, they should contact the Engineer.
7. All works are to be carried out in accordance with the Building Regulations (as amended) and to the approval of Building Standards.

ISSUED FOR INFORMATION

REV.	DATE	REVISION DETAILS	INITIALS
P01	24.11.23	ISSUED FOR COMMENTS	JO



boothking

PARTNERSHIP LIMITED

CONSULTING CIVIL & STRUCTURAL ENGINEERS

www.booth-king.co.uk

office@booth-king.co.uk

MANCHESTER

RAMSBOTTOM

EDINBURGH

Tel: 0161 694 7087

Tel: 01706 822 022

Tel: 0131 229 1547

PROJECT: Rochdale Corner Plot

TITLE: 29-31 Maclure Road- First Floor Structural Alterations GA

SCALE @ A1:	DRAWN:	DATE:	REVISION:	STATUS:
As Shown	JO	Nov 23	P01	

DRAWING No: 14834-BKP-V1-01-DR-S-122