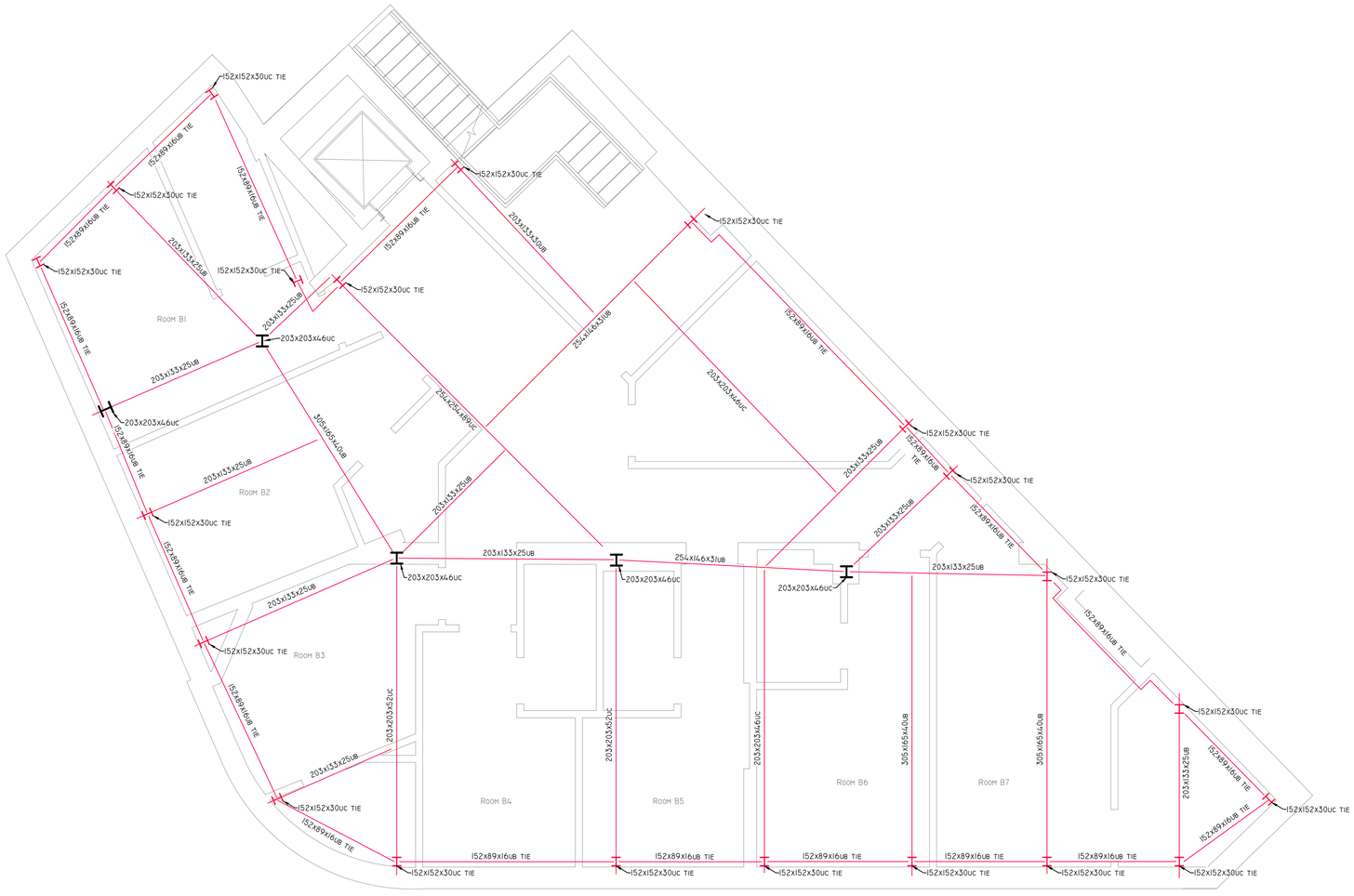



BASEMENT WALLS WITH GROUND FLOOR STEEL OVER
1:50 @ A1
1:100 @ A3

EXISTING GROUND FLOOR OVER TO BE RETAINED. NEW STEELS TO BE FIXED TO UNDERSIDE OF EXISTING FLOOR TO IMPROVE DISPROPORTIONATE COLLAPSE CLASSIFICATION.

ALL 203x203x46UC COLUMNS TO SPAN FROM BASEMENT TO FOURTH FLOOR

ALL EXISTING AND NEW FLOOR JOISTS (TIMBERS) TO BE FIXED TO STEELS THROUGHOUT IN ACCORDANCE WITH CONSEQUENCE CLASS 2B REQUIREMENTS.

ALL STEELS TO BE FIXED TO WALLS AND ALL VERTICAL AND HORIZONTAL TIES TO BE RESIN FIXED TO WALLS.

SIGNIFICANT TEMPORARY WORKS AND CAREFUL SEQUENCING WILL BE REQUIRED BUT ARE NOT OUTLINED ON THIS DRAWING. THEY WILL BE SUBJECT TO DETAILED DESIGN.

GENERAL NOTES:

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3. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE RELEVANT BMC SPECIFICATIONS TOGETHER WITH THE APPROPRIATE ARCHITECTS AND SERVICES CONSULTANTS DRAWINGS AND SPECIFICATIONS.

4. ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR PRIOR TO FABRICATION.

5. ALL WATERPROOFING AND INSULATION TO ARCHITECTS SPECIFICATION.

6. C-L DENOTES CENTER LINE

7. INSTALLATION OF ALL PROPRIETARY BUILDERS METAL WORK TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

8. TEMPORARY STABILITY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR AND SHOULD BE ASSESSED ACCORDINGLY.

MASONRY NOTES

1. ALL MASONRY TO BE CONSTRUCTED IN ACCORDANCE WITH BS5628, CODE OF PRACTICE FOR THE USE OF MASONRY.

2. ALL ABOVE GROUND BLOCKWORK TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 7.3N/MM$^2$, IN TYPE (iii) MORTAR UNO.

3. ALL BELOW GROUND BLOCKWORK TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 7.3N/MM$^2$, IN TYPE (iii) MORTAR UNO.

4. MASONRY TO BE SET OUT IN STRICT ACCORDANCE WITH ARCHITECTS DRAWINGS.

STEELWORK NOTES

1. ALL STEEL TO BE GRADE S275 U.N.O.

2. ALL BOLTS TO BE GRADE 8.8 U.NO.

3. ALL STEELWORK TO BE IN ACCORDANCE WITH NATIONAL STRUCTURAL STEELWORK SPECIFICATION. CL. 1.4.1 DETAIL DESIGN BY THE STEELWORK CONTRACTOR OF THE CONNECTIONS.

4. ALL CONNECTION DESIGNS ARE THE RESPONSIBILITY OF THE FABRICATOR AND ARE TO BE INCLUDED FOR WHEN PRICING THE WORKS. CONNECTIONS TO BE DESIGNED FOR THE FACTORED LOADS INDICATED ON THIS DRAWING.

- (X kN) DENOTES CONNECTION TO BE DESIGNED FOR A FACTORED SHEAR OF 'X'kN
- [Y kNM] DENOTES CONNECTION TO BE DESIGNED FOR A FACTORED MOMENT OF +/- 'Y'kNM

5. ALL INTERNAL STEELWORK TO RECEIVE:

SURFACE - SHOT BLASTED TO SA 2.5 QUALITY PREPARATION

PRIMER- 75 MICRONS EPOXY ZINC PHOSPHATE (LEIGH'S EPIGRIP C400V2, OEA)

LINTEL NOTES

1. ALL LINTELS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

2. ALL MASONRY LINTELS TO HAVE A MINIMUM BEARING ON FULL BRICKS / BLOCKS OR PADSTONES.

3. MASONRY ABOVE THE LINTELS SHOULD BE ALLOWED TO CURE BEFORE APPLYING ROOF LOADS.

4. POINT LOADS SHOULD NOT BE APPLIED DIRECTLY TO THE FLANGES OF THE LINTELS. LINTELS SHOULD HAVE A MINIMUM OF 150MM MASONRY BETWEEN THE FLANGE AND THE APPLICATION LEVEL OF ANY FORM OF LOADING.

5. MASONRY SHOULD NOT OVERHANG ANY FLANGE OF THE IG LINTEL BY MORE THAN 25MM.

6. ALL CATNIC LINTELS TO HAVE A MINIMUM BEARING OF 150MM ON BOTH ENDS.

7. ALL NAYLOR LINTELS TO HAVE A MINIMUM BEARING OF 100MM ON BOTH ENDS.

8. ALL LINTELS WEIGHING MORE THAN 20KG SHOULD BE LIFTED INTO POSITION USING A HOIST.

FIRE PROTECTION

FIRE PROTECTION OF STEELWORK SUPPORTING WALLS AND FLOORS TO BE AS SPECIFIED BY THE ARCHITECT.

PRELIMINARY DRAWING FOR DISCUSSION

| REV | COMMENTS | DATE | BY |
|---|---|---|---|
| -- | INITIAL ISSUE | 03.08.23 | CR |

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EMAIL: CONSULTING@BELLMUNRO.CO.UK
WWW.BELLMUNRO.CO.UK

CLIENT: MR ADAM KARIM

PROJECT: 68-70 HIGH STREET, MANCHESTER

TITLE: PRIMARY STEEL LAYOUT (BASEMENT PLAN)

| DRAWN BY: | CHECKED BY: | SCALE: | DATE: |
|---|---|---|---|
| CR | SJB | AS SHOWN | 08/23 |

DRAWING NUMBER: J8012/S01

REVISION: -




FIRST FLOOR WALLS WITH SECOND FLOOR STEEL OVER
1:50 @ A1
1:100 @ A3

- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X250DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX. TO BE TRIMMED AND DOUBLED UP AROUND ROOFLIGHTS AND TRIPLED UNDER DORMER CHEEKS.
- DENOTES SPAN OF NEW 50X275DP GRADE C24 TIMBER FLOOR JOISTS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER FLAT ROOF JOISTS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER CEILING JOISTS @ 400MM C/S MAX.

WHERE JOIST SPAN IS BETWEEN 2.4-4.8M PROVIDE ONE ROW OF HERRINGBONE STRUTTING AT MID-SPAN.

WHERE JOIST SPAN IS >4.8M PROVIDE TWO ROWS OF HERRINGBONE STRUTTING OR FULL DEPTH NOGGINS AT 1/3 POINTS.

ALL 203X203X46UC COLUMNS TO SPAN FROM BASEMENT TO FOURTH FLOOR

ALL EXISTING AND NEW FLOOR JOISTS (TIMBERS) TO BE FIXED TO STEELS THROUGHOUT IN ACCORDANCE WITH CONSEQUENCE CLASS 2B REQUIREMENTS.

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4. ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR PRIOR TO FABRICATION.

5. ALL WATERPROOFING AND INSULATION TO ARCHITECTS SPECIFICATION.

6. C-L DENOTES CENTER LINE

7. INSTALLATION OF ALL PROPRIETARY BUILDERS METAL WORK TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

8. TEMPORARY STABILITY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR AND SHOULD BE ASSESSED ACCORDINGLY.

MASONRY NOTES

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3. ALL BELOW GROUND BLOCKWORK TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 7.3N/MM², IN TYPE (III) MORTAR UNO.

4. MASONRY TO BE SET OUT IN STRICT ACCORDANCE WITH ARCHITECTS DRAWINGS.

STEELWORK NOTES

1. ALL STEEL TO BE GRADE S275 U.N.O.

2. ALL BOLTS TO BE GRADE 8.8 U.NO.

3. ALL STEELWORK TO BE IN ACCORDANCE WITH NATIONAL STRUCTURAL STEELWORK SPECIFICATION. CL. 1.4.1 DETAIL DESIGN BY THE STEELWORK CONTRACTOR OF THE CONNECTIONS.

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- (X KN) DENOTES CONNECTION TO BE DESIGNED FOR A FACTORED SHEAR OF 'X'KN
- [Y KNM] DENOTES CONNECTION TO BE DESIGNED FOR A FACTORED MOMENT OF +/- 'Y'KNM

5. ALL INTERNAL STEELWORK TO RECEIVE:

SURFACE - SHOT BLASTED TO SA 2.5 QUALITY PREPARATION

PRIMER- 75 MICRONS EPOXY ZINC PHOSPHATE (LEIGH'S EPIGRIP C400V2, OEA)

LINTEL NOTES

1. ALL LINTELS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

2. ALL MASONRY LINTELS TO HAVE A MINIMUM BEARING ON FULL BRICKS / BLOCKS OR PADSTONES.

3. MASONRY ABOVE THE LINTELS SHOULD BE ALLOWED TO CURE BEFORE APPLYING ROOF LOADS.

4. POINT LOADS SHOULD NOT BE APPLIED DIRECTLY TO THE FLANGES OF THE LINTELS. LINTELS SHOULD HAVE A MINIMUM OF 150MM MASONRY BETWEEN THE FLANGE AND THE APPLICATION LEVEL OF ANY FORM OF LOADING.

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FIRE PROTECTION

FIRE PROTECTION OF STEELWORK SUPPORTING WALLS AND FLOORS TO BE AS SPECIFIED BY THE ARCHITECT.

PRELIMINARY DRAWING FOR COORDINATION

| REV | COMMENTS | DATE | BY |
|---|---|---|---|
| - | INITIAL ISSUE | 03.08.23 | CR |

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CLIENT: MR ADAM KARIM

PROJECT: 68-70 HIGH STREET, MANCHESTER

TITLE: PRIMARY STEEL LAYOUT (FIRST FLOOR PLAN)

| DRAWN BY: | CHECKED BY: | SCALE: | DATE: |
|---|---|---|---|
| CR | SJB | AS SHOWN | 08/23 |

DRAWING NUMBER: J8012/S03

REVISION: -




SECOND FLOOR WALLS WITH THIRD FLOOR STEEL OVER
1:50 @ A1
1:100 @ A3

- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X250DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX. TO BE TRIMMED AND DOUBLED UP AROUND ROOFLIGHTS AND TRIPLED UNDER DORMER CHEEKS.
- DENOTES SPAN OF NEW 50X275DP GRADE C24 TIMBER FLOOR JOISTS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER FLAT ROOF JOISTS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER CEILING JOISTS @ 400MM C/S MAX.

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WHERE JOIST SPAN IS >4.8M PROVIDE TWO ROWS OF HERRINGBONE STRUTTING OR FULL DEPTH NOGGINS AT 1/3 POINTS.

ALL 203X203X46UC COLUMNS TO SPAN FROM BASEMENT TO FOURTH FLOOR

ALL EXISTING AND NEW FLOOR JOISTS (TIMBERS) TO BE FIXED TO STEELS THROUGHOUT IN ACCORDANCE WITH CONSEQUENCE CLASS 2B REQUIREMENTS.

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4. ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR PRIOR TO FABRICATION.

5. ALL WATERPROOFING AND INSULATION TO ARCHITECTS SPECIFICATION.

6. C-L DENOTES CENTER LINE

7. INSTALLATION OF ALL PROPRIETARY BUILDERS METAL WORK TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

8. TEMPORARY STABILITY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR AND SHOULD BE ASSESSED ACCORDINGLY.

MASONRY NOTES

1. ALL MASONRY TO BE CONSTRUCTED IN ACCORDANCE WITH BS5628, CODE OF PRACTICE FOR THE USE OF MASONRY.

2. ALL ABOVE GROUND BLOCKWORK TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 7.3N/MM$^2$, IN TYPE (iii) MORTAR UNO.

3. ALL BELOW GROUND BLOCKWORK TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 7.3N/MM$^2$, IN TYPE (iii) MORTAR UNO.

4. MASONRY TO BE SET OUT IN STRICT ACCORDANCE WITH ARCHITECTS DRAWINGS.

STEELWORK NOTES

1. ALL STEEL TO BE GRADE S275 U.N.O.

2. ALL BOLTS TO BE GRADE 8.8 U.NO.

3. ALL STEELWORK TO BE IN ACCORDANCE WITH NATIONAL STRUCTURAL STEELWORK SPECIFICATION. CL. 1.4.1 DETAIL DESIGN BY THE STEELWORK CONTRACTOR OF THE CONNECTIONS.

4. ALL CONNECTION DESIGNS ARE THE RESPONSIBILITY OF THE FABRICATOR AND ARE TO BE INCLUDED FOR WHEN PRICING THE WORKS. CONNECTIONS TO BE DESIGNED FOR THE FACTORED LOADS INDICATED ON THIS DRAWING.

- (X kN) DENOTES CONNECTION TO BE DESIGNED FOR A FACTORED SHEAR OF 'X'kN
- [Y kNM] DENOTES CONNECTION TO BE DESIGNED FOR A FACTORED MOMENT OF +/- 'Y'kNM

5. ALL INTERNAL STEELWORK TO RECEIVE:

SURFACE - SHOT BLASTED TO SA 2.5 QUALITY PREPARATION

PRIMER- 75 MICRONS EPOXY ZINC PHOSPHATE (LEIGH'S EPIGRIP C400V2, OEA)

LINTEL NOTES

1. ALL LINTELS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

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7. ALL NAYLOR LINTELS TO HAVE A MINIMUM BEARING OF 100MM ON BOTH ENDS.

8. ALL LINTELS WEIGHING MORE THAN 20KG SHOULD BE LIFTED INTO POSITION USING A HOIST.

FIRE PROTECTION

FIRE PROTECTION OF STEELWORK SUPPORTING WALLS AND FLOORS TO BE AS SPECIFIED BY THE ARCHITECT.

PRELIMINARY DRAWING FOR COORDINATION

| REV | COMMENTS | DATE | BY |
|---|---|---|---|
| - | INITIAL ISSUE | 03.08.23 | CR |

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WWW.BELLMUNRO.CO.UK

CLIENT: MR ADAM KARIM

PROJECT: 68-70 HIGH STREET, MANCHESTER

TITLE: PRIMARY STEEL LAYOUT (SECOND FLOOR PLAN)

| DRAWN BY: | CHECKED BY: | SCALE: | DATE: |
|---|---|---|---|
| CR | SJB | AS SHOWN | 08/23 |

DRAWING NUMBER: J8012/S04

REVISION: -




THIRD FLOOR WALLS WITH FOURTH FLOOR STEEL OVER

1:50 @ A1

1:100 @ A3

- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X250DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX. TO BE TRIMMED AND DOUBLED UP AROUND ROOFLIGHTS AND TRIPLED UNDER DORMER CHEEKS.
- DENOTES SPAN OF NEW 50X275DP GRADE C24 TIMBER FLOOR JOISTS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER FLAT ROOF JOISTS @ 400MM C/S MAX.
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WHERE JOIST SPAN IS >4.8M PROVIDE TWO ROWS OF HERRINGBONE STRUTTING OR FULL DEPTH NOGGINS AT 1/3 POINTS.

ALL 203X203X46UC COLUMNS TO SPAN FROM BASEMENT TO FOURTH FLOOR

ALL EXISTING AND NEW FLOOR JOISTS (TIMBERS) TO BE FIXED TO STEELS THROUGHOUT IN ACCORDANCE WITH CONSEQUENCE CLASS 2B REQUIREMENTS.

ALL STEELS TO BE FIXED TO WALLS AND ALL VERTICAL AND HORIZONTAL TIES TO BE RESIN FIXED TO WALLS.

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5. ALL WATERPROOFING AND INSULATION TO ARCHITECTS SPECIFICATION.

6. C-L DENOTES CENTER LINE

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STEELWORK NOTES

1. ALL STEEL TO BE GRADE S275 U.N.O.

2. ALL BOLTS TO BE GRADE 8.8 U.NO.

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5. ALL INTERNAL STEELWORK TO RECEIVE:

SURFACE - SHOT BLASTED TO SA 2.5 QUALITY PREPARATION

PRIMER- 75 MICRONS EPOXY ZINC PHOSPHATE (LEIGH'S EPIGRIP C400V2, OEA)

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FIRE PROTECTION

FIRE PROTECTION OF STEELWORK SUPPORTING WALLS AND FLOORS TO BE AS SPECIFIED BY THE ARCHITECT.

PRELIMINARY DRAWING FOR COORDINATION

| REV | COMMENTS | DATE | BY |
|---|---|---|---|
| -- | INITIAL ISSUE | 03.08.23 | CR |

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CLIENT: MR ADAM KARIM

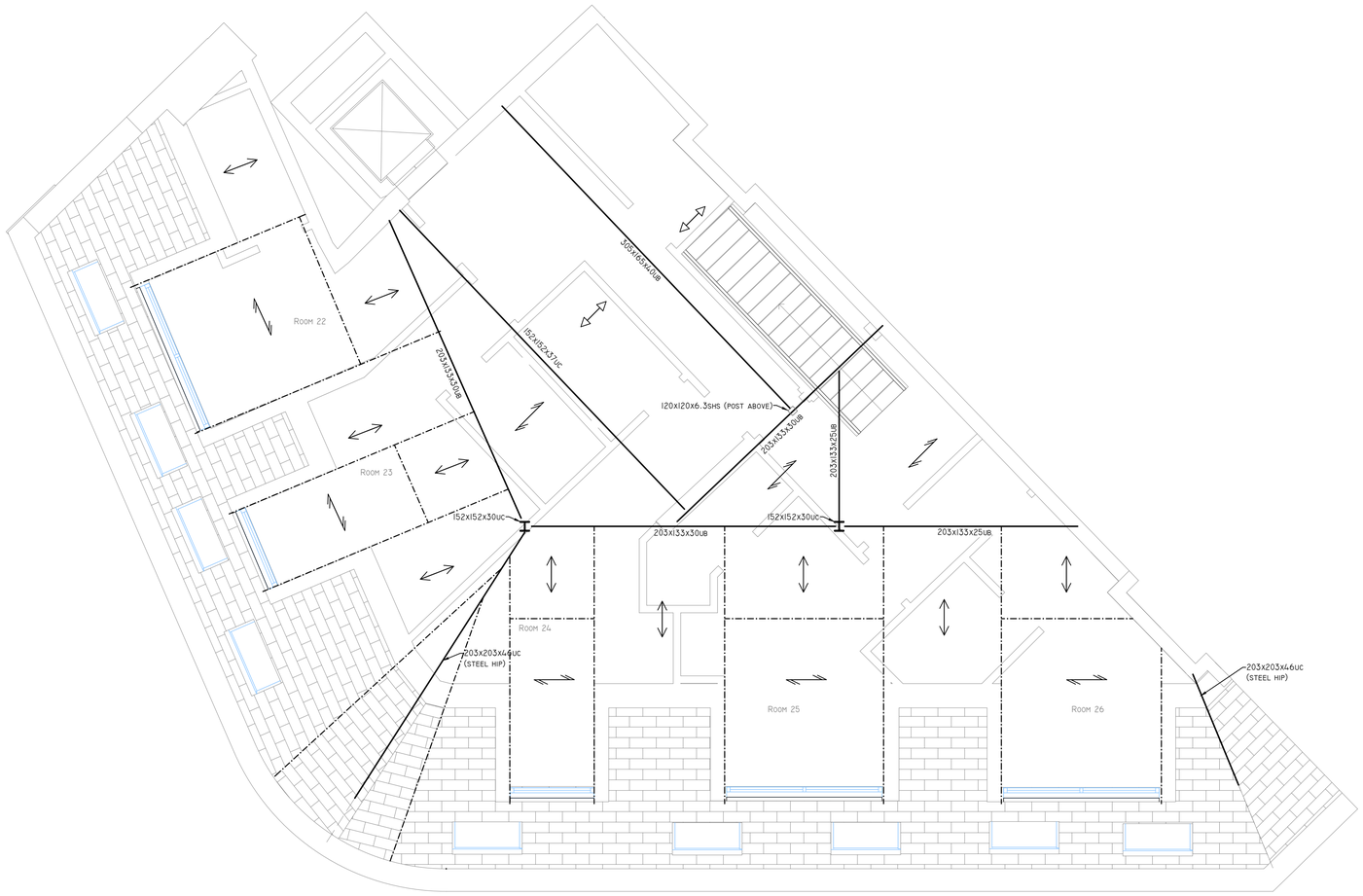
PROJECT: 68-70 HIGH STREET, MANCHESTER

TITLE: PRIMARY STEEL LAYOUT (THIRD FLOOR PLAN)

| DRAWN BY: | CHECKED BY: | SCALE: | DATE: |
|---|---|---|---|
| CR | SJB | AS SHOWN | 08/23 |

DRAWING NUMBER: J8012/S05

REVISION: -




FOURTH FLOOR WALLS WITH ROOF STEEL OVER
1:50 @ A1
1:100 @ A3

| | | |
|---|---|---|
| - | DENOTES TRIMMING TIMBERS |
| - | DENOTES SPAN OF NEW 50x150DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX. |
| - | DENOTES SPAN OF NEW 50x250DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX. TO BE TRIMMED AND DOUBLED UP AROUND ROOFLIGHTS AND TRIPLED UNDER DORMER CHEEKS. |
| - | DENOTES SPAN OF NEW 50x275DP GRADE C24 TIMBER FLOOR JOISTS @ 400MM C/S MAX. |
| - | DENOTES SPAN OF NEW 50x150DP GRADE C24 TIMBER FLAT ROOF JOISTS @ 400MM C/S MAX. |
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4. ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR PRIOR TO FABRICATION.

5. ALL WATERPROOFING AND INSULATION TO ARCHITECTS SPECIFICATION.

6. C-L DENOTES CENTER LINE

7. INSTALLATION OF ALL PROPRIETARY BUILDERS METAL WORK TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

8. TEMPORARY STABILITY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR AND SHOULD BE ASSESSED ACCORDINGLY.

MASONRY NOTES

1. ALL MASONRY TO BE CONSTRUCTED IN ACCORDANCE WITH BS5628, CODE OF PRACTICE FOR THE USE OF MASONRY.

2. ALL ABOVE GROUND BLOCKWORK TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 7.3N/MM$^2$, IN TYPE (iii) MORTAR UNO.

3. ALL BELOW GROUND BLOCKWORK TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 7.3N/MM$^2$, IN TYPE (iii) MORTAR UNO.

4. MASONRY TO BE SET OUT IN STRICT ACCORDANCE WITH ARCHITECTS DRAWINGS.

STEELWORK NOTES

1. ALL STEEL TO BE GRADE S355 U.N.O.

2. ALL BOLTS TO BE GRADE 8.8 U.NO.

3. ALL STEELWORK TO BE IN ACCORDANCE WITH NATIONAL STRUCTURAL STEELWORK SPECIFICATION. CL. 1.4.1 DETAIL DESIGN BY THE STEELWORK CONTRACTOR OF THE CONNECTIONS.

4. ALL CONNECTION DESIGNS ARE THE RESPONSIBILITY OF THE FABRICATOR AND ARE TO BE INCLUDED FOR WHEN PRICING THE WORKS. CONNECTIONS TO BE DESIGNED FOR THE FACTORED LOADS INDICATED ON THIS DRAWING.

- (X kN) DENOTES CONNECTION TO BE DESIGNED FOR A FACTORED SHEAR OF 'X'kN
- [Y kNM] DENOTES CONNECTION TO BE DESIGNED FOR A FACTORED MOMENT OF +/- 'Y'kNM

5. ALL INTERNAL STEELWORK TO RECEIVE:

SURFACE - SHOT BLASTED TO SA 2.5 QUALITY PREPARATION

PRIMER- 75 MICRONS EPOXY ZINC PHOSPHATE (LEIGH'S EPIGRIP C400V2, OEA)

LINTEL NOTES

1. ALL LINTELS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

2. ALL MASONRY LINTELS TO HAVE A MINIMUM BEARING ON FULL BRICKS / BLOCKS OR PADSTONES.

3. MASONRY ABOVE THE LINTELS SHOULD BE ALLOWED TO CURE BEFORE APPLYING ROOF LOADS.

4. POINT LOADS SHOULD NOT BE APPLIED DIRECTLY TO THE FLANGES OF THE LINTELS. LINTELS SHOULD HAVE A MINIMUM OF 150MM MASONRY BETWEEN THE FLANGE AND THE APPLICATION LEVEL OF ANY FORM OF LOADING.

5. MASONRY SHOULD NOT OVERHANG ANY FLANGE OF THE IG LINTEL BY MORE THAN 25MM.

6. ALL CATNIC LINTELS TO HAVE A MINIMUM BEARING OF 150MM ON BOTH ENDS.

7. ALL NAYLOR LINTELS TO HAVE A MINIMUM BEARING OF 100MM ON BOTH ENDS.

8. ALL LINTELS WEIGHING MORE THAN 20KG SHOULD BE LIFTED INTO POSITION USING A HOIST.

FIRE PROTECTION

FIRE PROTECTION OF STEELWORK SUPPORTING WALLS AND FLOORS TO BE AS SPECIFIED BY THE ARCHITECT.

PRELIMINARY DRAWING FOR COORDINATION

| REV | COMMENTS | DATE | BY |
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| -- | INITIAL ISSUE | 03.08.23 | CR |

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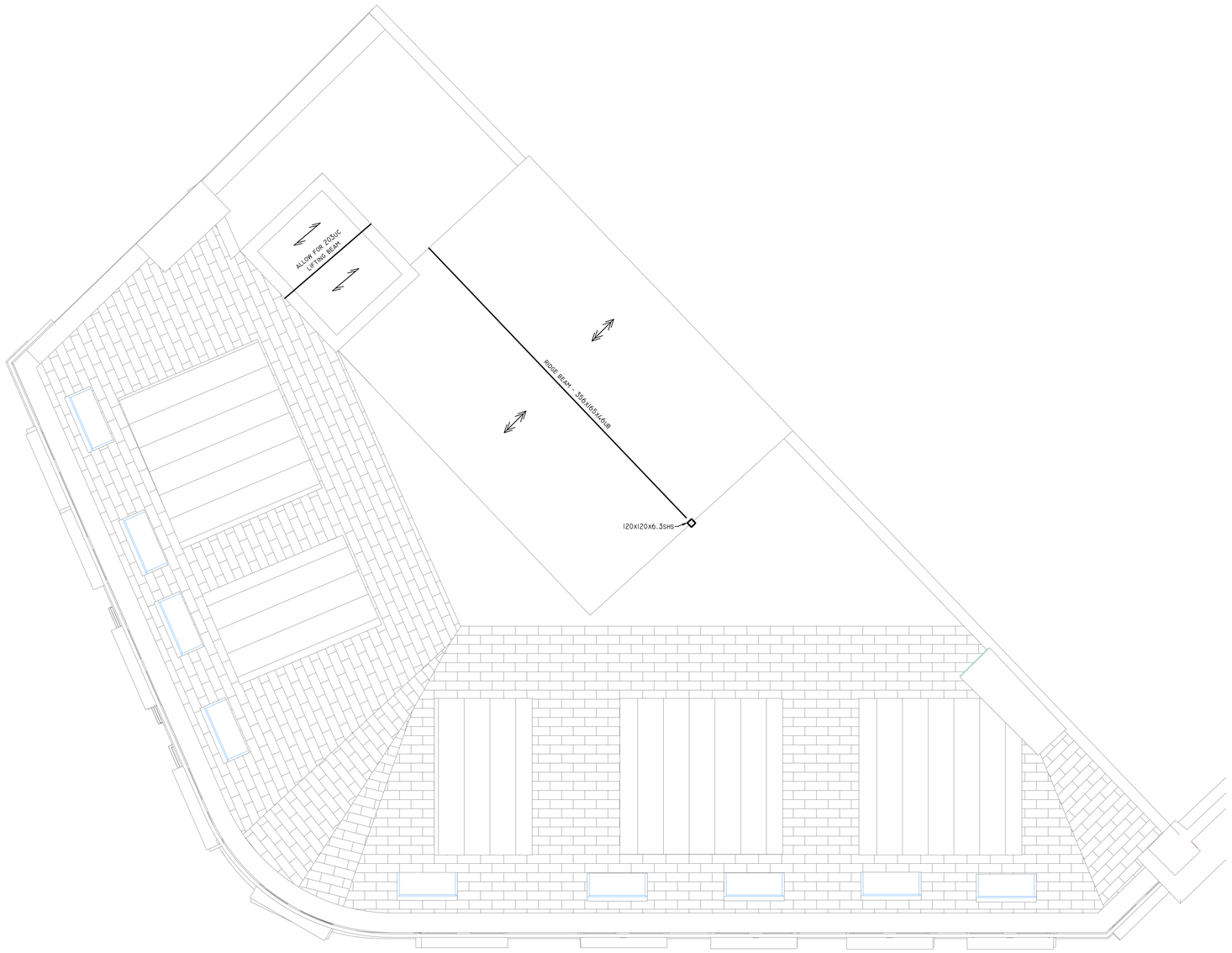
PROJECT: 68-70 HIGH STREET, MANCHESTER

TITLE: PRIMARY STEEL LAYOUT (FOURTH FLOOR PLAN)

| DRAWN BY: | CHECKED BY: | SCALE: | DATE: |
|---|---|---|---|
| CR | SJB | AS SHOWN | 08/23 |

DRAWING NUMBER: J8012/S06

REVISION: -




ROOF STRUCTURE WITH STEEL OVER
1:50 @ A1
1:100 @ A3

- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X250DP GRADE C24 TIMBER RAFTERS @ 400MM C/S MAX. TO BE TRIMMED AND DOUBLED UP AROUND ROOFLIGHTS AND TRIPLED UNDER DORMER CHEEKS.
- DENOTES SPAN OF NEW 50X275DP GRADE C24 TIMBER FLOOR JOISTS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER FLAT ROOF JOISTS @ 400MM C/S MAX.
- DENOTES SPAN OF NEW 50X150DP GRADE C24 TIMBER CEILING JOISTS @ 400MM C/S MAX.

WHERE JOIST SPAN IS BETWEEN 2.4-4.8M PROVIDE ONE ROW OF HERRINGBONE STRUTTING AT MID-SPAN.

WHERE JOIST SPAN IS >4.8M PROVIDE TWO ROWS OF HERRINGBONE STRUTTING OR FULL DEPTH NOGGINS AT 1/3 POINTS.

ALL EXISTING AND NEW FLOOR JOISTS (TIMBERS) TO BE FIXED TO STEELS THROUGHOUT IN ACCORDANCE WITH CONSEQUENCE CLASS 2B REQUIREMENTS.

ALL STEELS TO BE FIXED TO WALLS AND ALL VERTICAL AND HORIZONTAL TIES TO BE RESIN FIXED TO WALLS.

SIGNIFICANT TEMPORARY WORKS AND CAREFUL SEQUENCING WILL BE REQUIRED BUT ARE NOT OUTLINED ON THIS DRAWING. THEY WILL BE SUBJECT TO DETAILED DESIGN.

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PRELIMINARY DRAWING FOR COORDINATION

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CLIENT: MR ADAM KARIM

PROJECT: 68-70 HIGH STREET, MANCHESTER

TITLE: PRIMARY STEEL LAYOUT (ROOF PLAN)

| DRAWN BY: | CHECKED BY: | SCALE: | DATE: |
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| CR | SJB | AS SHOWN | 08/23 |

DRAWING NUMBER: J8012/S07

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