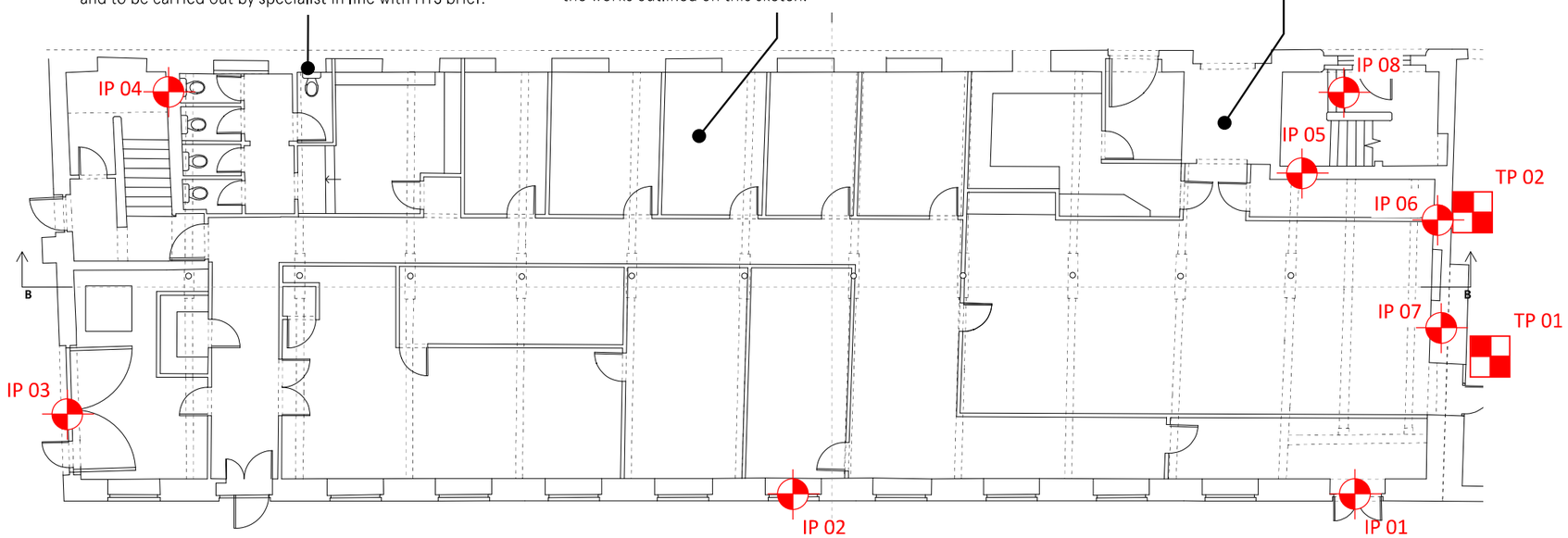
Consideration to be given to instructing a CCTV survey of existing below ground drainage which is proposed to be retained/reused. Separate to the works outlined on this sketch and to be carried out by specialist in line with HTS brief.

Second phase of intrusive timber investigations to be carried out by TRACE or similar specialist in line with conclusions of TRACE initial inspection report. Separate to the works outlined on this sketch.

Inspection to be specified and carried out by others to confirm suitability of existing lift shaft to accommodate proposed new lift. Separate to the works outlined on this sketch.



GROUND FLOOR LAYOUT - PROPOSED INTRUSIVE INVESTIGATIONS

GENERAL NOTES

1. Positions of all trial pits & inspection points are indicative. The contractor is to confirm any variation to locations (due to access constraints etc.) with Engineer prior to commencing works. Proposed methods are to be discussed and confirmed with engineer prior to works commencing.

2. Trial pits to be hand dug against existing walls. Care to be taken not to disturb/damage/undermine any existing structure or foundations. Temporary stability of the excavation remains the responsibility of the contractor.

3. Inspection points requiring opening up works to be carried out with care and to avoid compromising the stability of any structural elements. Temporary stability of the building remains the responsibility of the contractor.

3. It remains the contractor's responsibility to confirm the presence of above and/or underground services. If service positions are unknown, allow for CAT scan of the area to ensure no services will be encountered/damaged during excavations.

4. Contractor to notify the engineer once trial pits / inspection points are ready for inspection.

5. All altered structure and finishes are to be reinstated once the trial pits/openings up have been inspected, unless otherwise agreed with the client. The contractor must carefully set aside any finishes for reinstatement.

6. Considering the age of the structure, there is a risk of asbestos being present on-site that could be disturbed during the works. The client is to confirm that asbestos is not present on site prior to works commencing.

7. Proposed investigations represent miscellaneous inspections required to inform general structural design. Please refer to separate inspection requirements for the existing lift shaft, external envelope (high level masonry, lintels etc.) and timber elements.

TRIAL PIT OBJECTIVES

TP XX — Denotes hand dug trial pit location. Trial pits to be 600mm wide square pits and MAX 1200mm deep.

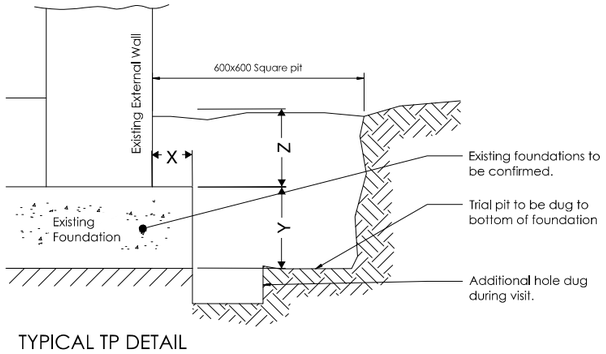
TP 01 – Establish type, depth (Z & Y) and projection (X) of existing foundation supporting altered wall. Refer to detail below.

TP 02 – Establish type, depth (Z & Y) and projection (X) of existing foundation supporting original wall. Refer to detail below.

TP 03 – Establish type, depth (Z & Y) and projection (X) of existing foundation supporting extension wall. Refer to detail below.

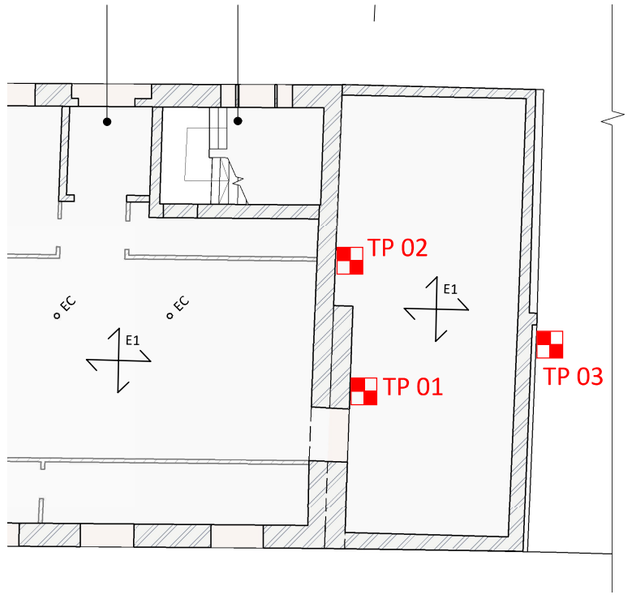
At all trial pits the ground conditions are to be recorded to verify design assumptions. If made ground is encountered then extend pit to undisturbed natural soils, taking account of any adjacent foundations and excavation stability. Anticipated natural ground is a mixture of sands, gravels, silts and clay.

Trial pits are located within an area of hardstanding (concrete floor slab, tarmac courtyard). Include allowance for locally breaking out concrete and reinstatement.



TYPICAL TP DETAIL AGAINST EXISTING STRUCTURE

hts.uk.com



Extension Ground Floor Layout - Trial Pits

INSPECTION POINT OBJECTIVES

IP XX — Denotes locations where intrusive investigations are proposed.

IP 01 – Establish type, size and condition of existing lintel above opening subject to proposed alterations. High level access required (working platform).

IP 02(a) – Establish thickness and build up of existing wall subject to proposed alterations. Local removal of finishes / brickwork / pilot hole required.

IP 02(b) – Establish type, size and condition of existing lintel above opening subject to proposed alterations. High level access required (working platform).

IP 03 – Establish type, size and condition of existing steel beam acting as lintel over large opening. High level access required (working platform).

IP 04 – Establish thickness and build up of existing wall subject to proposed alterations. Local removal of finishes / brickwork / pilot hole required.

IP 05 – Establish thickness and build up of existing wall subject to proposed alterations. Local removal of finishes / brickwork / pilot hole required.

IP 06 – Establish thickness and build up of existing wall subject to proposed alterations. Local removal of finishes / brickwork / pilot hole required.

IP 07 – Establish thickness and build up of existing wall subject to proposed alterations. Local removal of finishes / brickwork / pilot hole required.

IP 08 – Establish condition and bearing of timber joists forming stairs. Local removal of finishes and high level access will be required (working platform).

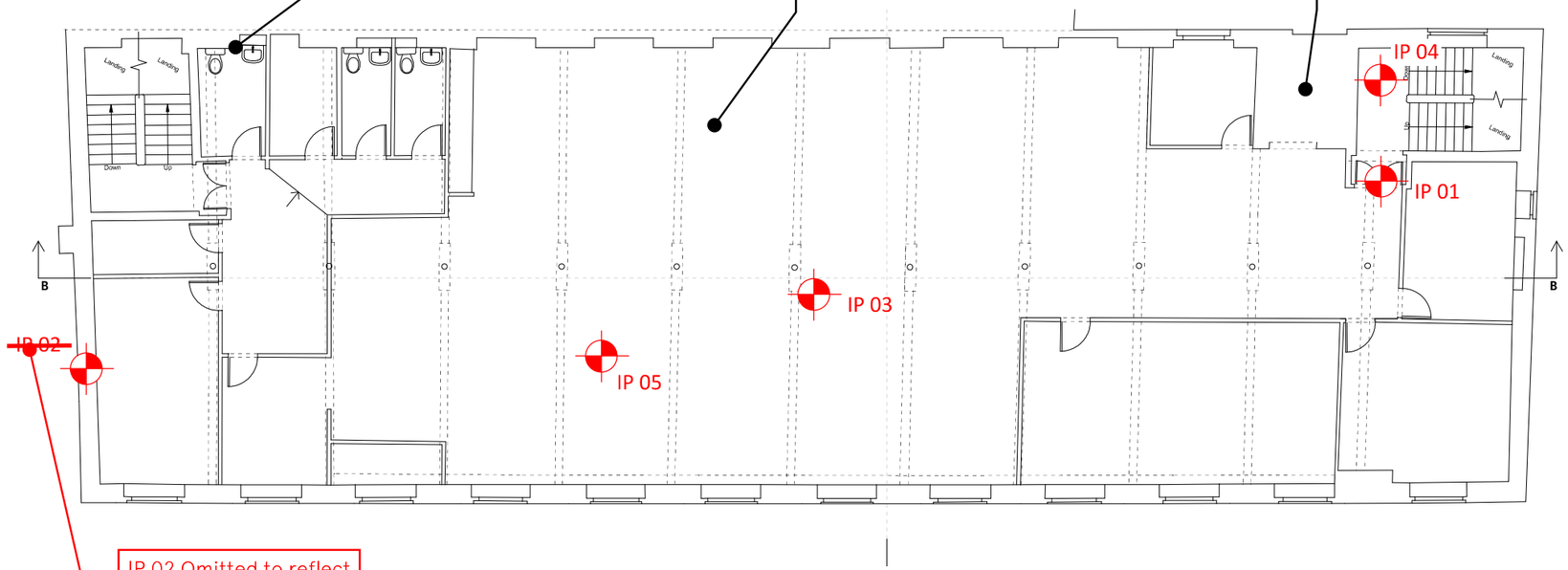
Job	Neptune Mill			Date	01.09.23
Title	Proposed Intrusive Investigations			Eng.	SD
Job No.	2909	Sheet	SK-230405-01	Rev.	P2

HEYNE TILLETT STEEL

Consideration to be given to instructing a CCTV survey of existing below ground drainage which is proposed to be retained/reused. Separate to the works outlined on this sketch and to be carried out by specialist in line with HTS brief.

Second phase of intrusive timber investigations to be carried out by TRACE or similar specialist in line with conclusions of TRACE initial inspection report. Separate to the works outlined on this sketch.

Inspection to be specified and carried out by others to confirm suitability of existing lift shaft to accommodate proposed new lift. Separate to the works outlined on this sketch.



IP 02 Omitted to reflect change in scope.

FIRST FLOOR LAYOUT - PROPOSED INTRUSIVE INVESTIGATIONS

GENERAL NOTES

1. Positions of all trial pits & inspection points are indicative. The contractor is to confirm any variation to locations (due to access constraints etc.) with Engineer prior to commencing works. Proposed methods are to be discussed and confirmed with engineer prior to works commencing.

2. Trial pits to be hand dug against existing walls. Care to be taken not to disturb/damage/undermine any existing structure or foundations. Temporary stability of the excavation remains the responsibility of the contractor.

3. Inspection points requiring opening up works to be carried out with care and to avoid compromising the stability of any structural elements. Temporary stability of the building remains the responsibility of the contractor.

3. It remains the contractor's responsibility to confirm the presence of above and/or underground services. If service positions are unknown, allow for CAT scan of the area to ensure no services will be encountered/damaged during excavations.

4. Contractor to notify the engineer once trial pits / inspection points are ready for inspection.

5. All altered structure and finishes are to be reinstated once the trial pits/openings up have been inspected, unless otherwise agreed with the client. The contractor must carefully set aside any finishes for reinstatement.

6. Considering the age of the structure, there is a risk of asbestos being present on-site that could be disturbed during the works. The client is to confirm that asbestos is not present on site prior to works commencing.

7. Proposed investigations represent miscellaneous inspections required to inform general structural design. Please refer to separate inspection requirements for the existing lift shaft and timber elements, to be specified and carried out by others.

INSPECTION POINT OBJECTIVES

IP XX — Denotes locations where intrusive investigations are proposed.

IP 01 - Establish whether masonry walls framing doorway, noted for demolition, are load bearing. High level access required (working platform).

~~IP 02~~ - ~~Establish thickness and build up of existing wall subject to proposed alterations. Local removal of finishes / brickwork / pilot hole required.~~

IP 03 - Confirm assumptions over primary beam continuity over cast iron column. High level access required (working platform) and local removal of floor/ceiling finishes.

IP 04 - Establish condition and bearing of timber joists forming stairs. Local removal of finishes and High level access required (working platform).

IP 05 - Local lifting of floor finishes to confirm assumed build up above joists

IP 02 Omitted to reflect change in scope.

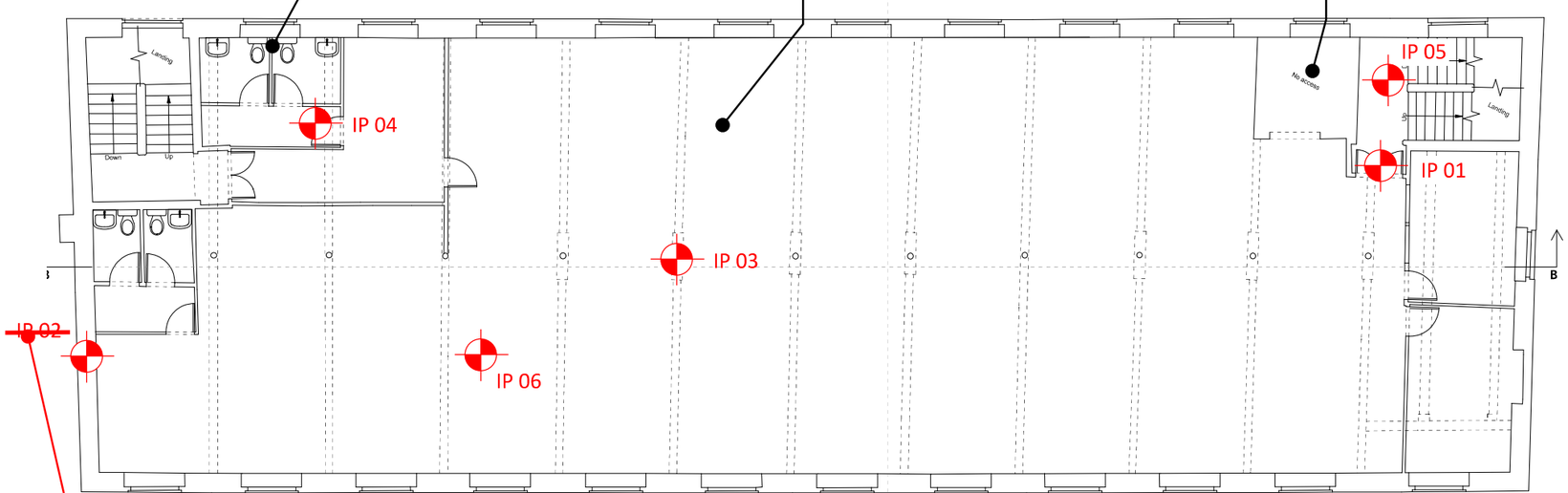
Job	Neptune Mill			Date	01.09.23
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HEYNE TILLETT STEEL

Consideration to be given to instructing a CCTV survey of existing below ground drainage which is proposed to be retained/reused. Separate to the works outlined on this sketch and to be carried out by specialist in line with HTS brief.

Second phase of intrusive timber investigations to be carried out by TRACE or similar specialist in line with conclusions of TRACE initial inspection report. Separate to the works outlined on this sketch.

Inspection to be specified and carried out by others to confirm suitability of existing lift shaft to accommodate proposed new lift. Separate to the works outlined on this sketch.



IP 02 Omitted to reflect change in scope.

SECOND FLOOR LAYOUT - PROPOSED INTRUSIVE INVESTIGATIONS

GENERAL NOTES

1. Positions of all trial pits & inspection points are indicative. The contractor is to confirm any variation to locations (due to access constraints etc.) with Engineer prior to commencing works. Proposed methods are to be discussed and confirmed with engineer prior to works commencing.

2. Trial pits to be hand dug against existing walls. Care to be taken not to disturb/damage/undermine any existing structure or foundations. Temporary stability of the excavation remains the responsibility of the contractor.

3. Inspection points requiring opening up works to be carried out with care and to avoid compromising the stability of any structural elements. Temporary stability of the building remains the responsibility of the contractor.

3. It remains the contractor's responsibility to confirm the presence of above and/or underground services. If service positions are unknown, allow for CAT scan of the area to ensure no services will be encountered/damaged during excavations.

4. Contractor to notify the engineer once trial pits / inspection points are ready for inspection.

5. All altered structure and finishes are to be reinstated once the trial pits/openings up have been inspected, unless otherwise agreed with the client. The contractor must carefully set aside any finishes for reinstatement.

6. Considering the age of the structure, there is a risk of asbestos being present on-site that could be disturbed during the works. The client is to confirm that asbestos is not present on site prior to works commencing.

7. Proposed investigations represent miscellaneous inspections required to inform general structural design. Please refer to separate inspection requirements for the existing lift shaft and timber elements, to be specified and carried out by others.

INSPECTION POINT OBJECTIVES

IP XX — Denotes locations where intrusive investigations are proposed.

IP 01 - Establish whether masonry walls framing doorway, noted for demolition, are load bearing. High level access required (working platform).

~~**IP 02 -** Establish thickness and build up of existing wall subject to proposed alterations. Local removal of finishes / brickwork / pilot hole required.~~

IP 02 Omitted to reflect change in scope.

IP 03 - Confirm assumptions over primary beam continuity over cast iron column. High level access required (working platform). and local removal of floor/ceiling finishes.

IP 04 - Establish floor arrangement above supporting existing water tank (to be removed). High level access required (working platform), along with removal of finishes (if present).

IP 05 - Establish condition and bearing of timber joists forming stairs. Local removal of finishes and high level access (working platform) will be required.

IP 06 - Local lifting of floor finishes to confirm assumed build up above joists

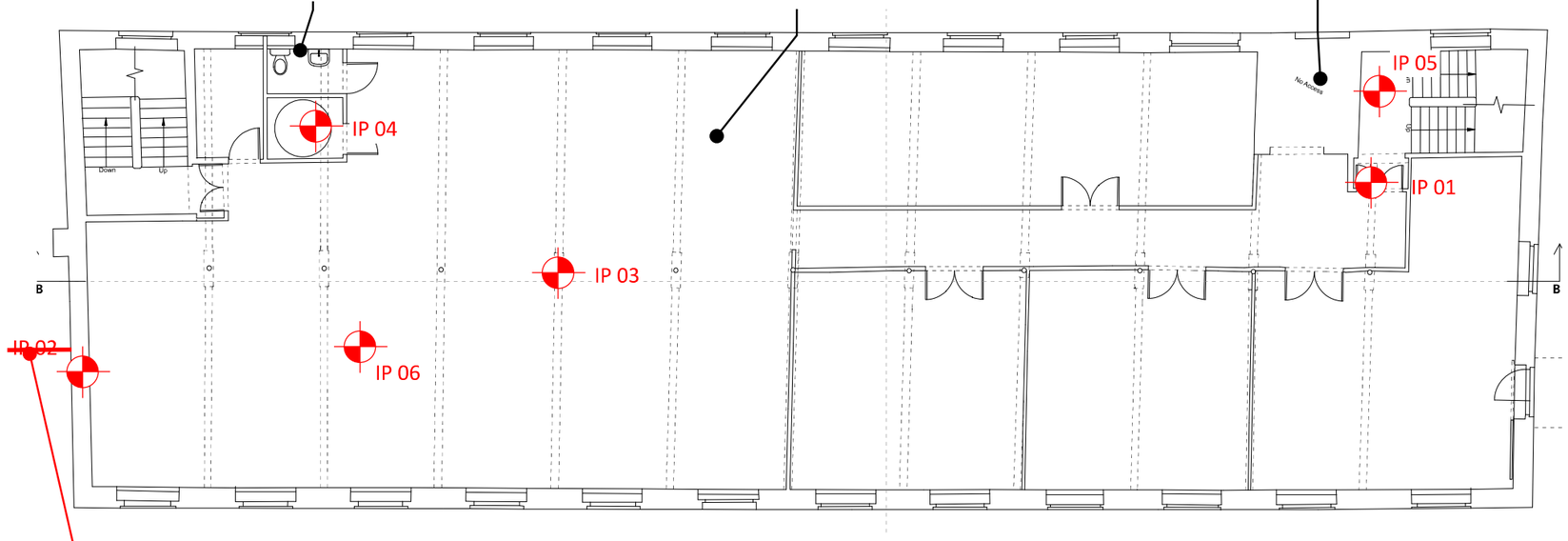
Job	Neptune Mill	Date	01.09.23
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HEYNE TILLETT STEEL

Consideration to be given to instructing a CCTV survey of existing below ground drainage which is proposed to be retained/reused. Separate to the works outlined on this sketch and to be carried out by specialist in line with HTS brief.

Second phase of intrusive timber investigations to be carried out by TRACE or similar specialist in line with conclusions of TRACE initial inspection report. Separate to the works outlined on this sketch.

Inspection to be specified and carried out by others to confirm suitability of existing lift shaft to accommodate proposed new lift. Separate to the works outlined on this sketch.



IP 02 Omitted to reflect change in scope.

THIRD FLOOR LAYOUT - PROPOSED INTRUSIVE INVESTIGATIONS

GENERAL NOTES

1. Positions of all trial pits & inspection points are indicative. The contractor is to confirm any variation to locations (due to access constraints etc.) with Engineer prior to commencing works. Proposed methods are to be discussed and confirmed with engineer prior to works commencing.

2. Trial pits to be hand dug against existing walls. Care to be taken not to disturb/damage/undermine any existing structure or foundations. Temporary stability of the excavation remains the responsibility of the contractor.

3. Inspection points requiring opening up works to be carried out with care and to avoid compromising the stability of any structural elements. Temporary stability of the building remains the responsibility of the contractor.

3. It remains the contractor's responsibility to confirm the presence of above and/or underground services. If service positions are unknown, allow for CAT scan of the area to ensure no services will be encountered/damaged during excavations.

4. Contractor to notify the engineer once trial pits / inspection points are ready for inspection.

5. All altered structure and finishes are to be reinstated once the trial pits/openings up have been inspected, unless otherwise agreed with the client. The contractor must carefully set aside any finishes for reinstatement.

6. Considering the age of the structure, there is a risk of asbestos being present on-site that could be disturbed during the works. The client is to confirm that asbestos is not present on site prior to works commencing.

7. Proposed investigations represent miscellaneous inspections required to inform general structural design. Please refer to separate inspection requirements for the existing lift shaft and timber elements, to be specified and carried out by others.

INSPECTION POINT OBJECTIVES

IP XX — Denotes locations where intrusive investigations are proposed.

IP 01 – Establish whether masonry walls framing doorway, noted for demolition, are load bearing. High level access required (working platform).

~~**IP 02** – Establish thickness and build up of existing wall subject to proposed alterations. Local removal of finishes / brickwork / pilot hole required.~~

IP 02 Omitted to reflect change in scope.

IP 03 – Confirm assumptions over primary beam continuity over cast iron column. High level access required (working platform). and local removal of floor/ceiling finishes.

IP 04 – Establish floor arrangement supporting existing water tank (to be removed). Local removal of finishes may be required (if present).

IP 05 – Establish condition and bearing of timber joists forming stairs. Local removal of finishes and high level access (working platform) will be required.

IP 06 – Local lifting of floor finishes to confirm assumed build up above joists

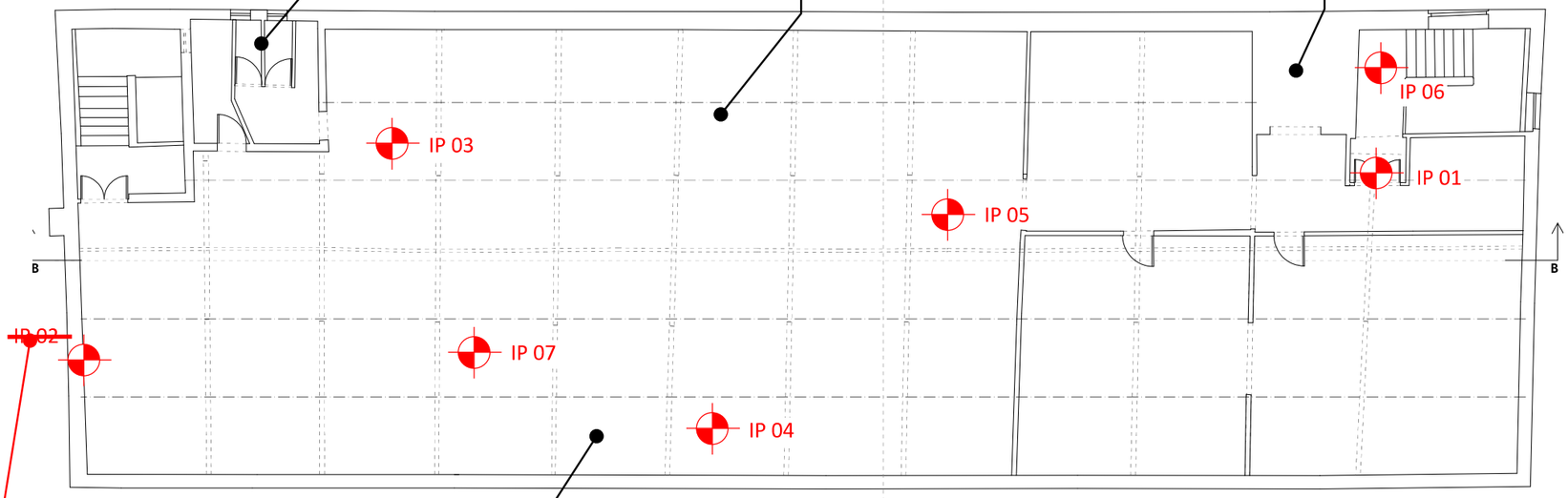
Job	Neptune Mill	Date	01.09.23
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HEYNE TILLETT STEEL

Consideration to be given to instructing a CCTV survey of existing below ground drainage which is proposed to be retained/reused. Separate to the works outlined on this sketch and to be carried out by specialist in line with HTS brief.

Second phase of intrusive timber investigations to be carried out by TRACE or similar specialist in line with conclusions of TRACE initial inspection report. Separate to the works outlined on this sketch.

Inspection to be specified and carried out by others to confirm suitability of existing lift shaft to accommodate proposed new lift. Separate to the works outlined on this sketch.



Note: Assuming proposed works will include a full roof replacement. Any areas of roofing/parapets/gutters/rain water pipes are to be inspected by a suitably qualified contractor to determine any repairs.

IP 02 Omitted to reflect change in scope.

FOURTH FLOOR LAYOUT - PROPOSED INTRUSIVE INVESTIGATIONS

GENERAL NOTES

1. Positions of all trial pits & inspection points are indicative. The contractor is to confirm any variation to locations (due to access constraints etc.) with Engineer prior to commencing works. Proposed methods are to be discussed and confirmed with engineer prior to works commencing.

2. Trial pits to be hand dug against existing walls. Care to be taken not to disturb/damage/undermine any existing structure or foundations. Temporary stability of the excavation remains the responsibility of the contractor.

3. Inspection points requiring opening up works to be carried out with care and to avoid compromising the stability of any structural elements. Temporary stability of the building remains the responsibility of the contractor.

3. It remains the contractor's responsibility to confirm the presence of above and/or underground services. If service positions are unknown, allow for CAT scan of the area to ensure no services will be encountered/damaged during excavations.

4. Contractor to notify the engineer once trial pits / inspection points are ready for inspection.

5. All altered structure and finishes are to be reinstated once the trial pits/openings up have been inspected, unless otherwise agreed with the client. The contractor must carefully set aside any finishes for reinstatement.

6. Considering the age of the structure, there is a risk of asbestos being present on-site that could be disturbed during the works. The client is to confirm that asbestos is not present on site prior to works commencing.

7. Proposed investigations represent miscellaneous inspections required to inform general structural design. Please refer to separate inspection requirements for the existing lift shaft and timber elements, to be specified and carried out by others.

INSPECTION POINT OBJECTIVES

IP XX — Denotes locations where intrusive investigations are proposed.

IP 01 - Establish whether masonry walls framing doorway, noted for demolition, are load bearing. High level access required (working platform).

~~**IP 02** - Establish thickness and build up of existing wall subject to proposed alterations. Local removal of finishes / brickwork / pilot hole required.~~

IP 02 Omitted to reflect change in scope.

IP 03 - Establish typical secondary roof purlin size, condition and relationship with primary roof trusses. Local removal of finishes required, along with high level access required (working platform).

IP 04 - Establish typical secondary roof purlin size, condition and relationship with primary roof trusses. Local removal of finishes required, along with high level access required (working platform).

IP 05 - Establish typical secondary roof purlin size, condition and relationship with primary roof trusses. Local removal of finishes required, along with high level access required (working platform).

IP 06 - Establish size of existing roof joists which are to be replaced. High level access required (working platform).

IP 07 - Local lifting of floor finishes to confirm assumed build up above joists

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HEYNE TILLETT STEEL