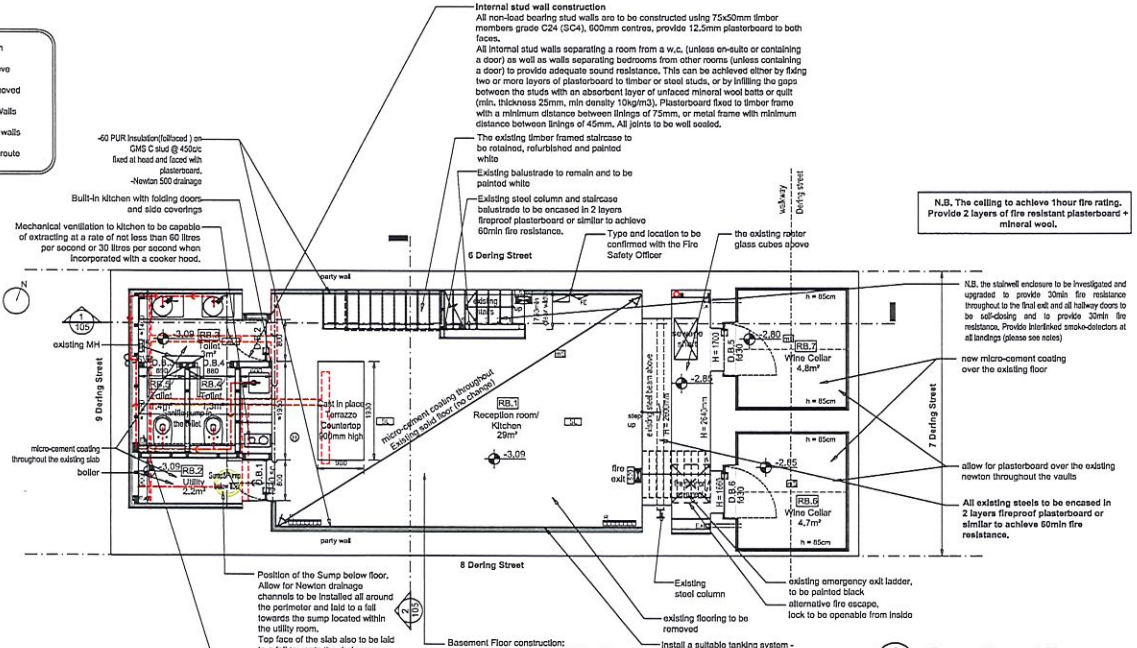
N.B. Drainage layout indicated in the drawings is preliminary and for information only. The contractor to provide a detailed drainage design

All steels to be encased in 2 layers fireproof plasterboard or similar to achieve 60min fire resistance.

KEY:

- Floor span
- Walls above
- Walls removed
- Existing Walls
- New stud walls
- Drainage route



N.B. The ceiling to achieve 1hour fire rating. Provide 2 layers of fire resistant plasterboard + mineral wool.

1/101 Proposed Basement Plan
SCALE 1:50 @ A1

All doors on escape routes to be fitted with simple single action fastenings (capable of being safely opened without the use of a key on the risk side) with final doors to be fitted with panic bolts or similar approved fastenings – located at height complying with Part M of Building Regulations. If there is any variance to the above (e.g for security reason or by nature of the use), a risk assessment / access statement will need to be deposited for further considered in conjunction with the Fire Safety Officer.

FIRE SAFETY EQUIPMENT AND SIGNAGE KEY

- automatic smoke detector BS:5839-1- type L1
- Emergency Light
- Fire Extinguisher
- Fire escape keep clear
- Safety lighting w.battery backup
- Fire blanket

All openings for pipes, ducts, conduits or cables to pass through any part of a fire-separating element is to be as small as possible and fire-stopped around the pipe. Use intumescent mastics or similar fire resistance material (cement mortar, gypsum-based plaster, cement-based or gypsum-based vermiculite/perlite mixes, glass fibre, crushed rock, blast furnace slag or ceramic-based products (with or without resin binders)

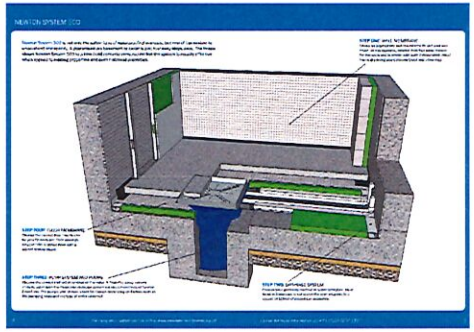
KEY:

f.d.30.sc	1/2 FR selfclosing door	R	Radiator Position
f.d.30	1/2 FR door		Ventilation extract w. overun
DG.12	Door number		Side Ventilation extract
WG.13	Window number		CCTV Cameras
RG.4	Room number		Space Heating Control

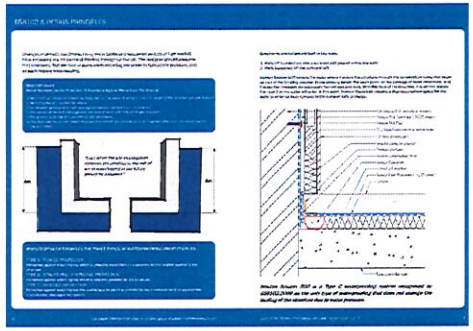
*Note: Please refer to ceiling plans for location and specification of light, ceiling fittings, sockets, tv and data points and light fitting controls

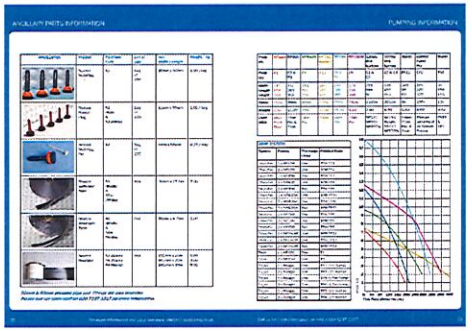
0 1m 2m 3m 4m 5m
1:50 scale bar

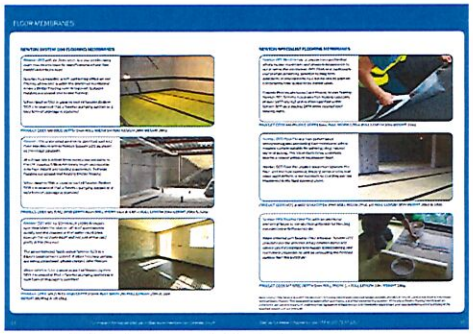
N.B. All dimensions are for information only. Do not scale from the drawings. All dimensions to be confirmed on-site prior to construction/fabrication



2/101 Typical Basement Tanking Details







NOTES

All existing windows to be refurbished and redecorated with new sash cords and beads.

Existing brickwork to be repaired with tuck pointing.

Remove conduit and proliferation cabling from facade.

All existing skirting's to be redecorated, all areas of new skirting to match existing.

Where mouldings are still existent they shall be left in situ, protected during the works and redecorated.

All existing floorboards to be carefully removed, joists to be leveled and existing floorboards to be reinstalled. Single layer of ply to be laid under proposed floor covering.

All historic joinery and cornices to be retained. All new joinery to closely match historic.

Generally, the works have to be carried out in a high quality, in a layout sympathetic to the historic building, with care taken to retain historic features such as doors, chimneypieces, shutters, cornices and skirtings.

Rev.	Amendments	Date	Chkd.

Client
Embassy of the Republic of Serbia - London

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Project
Creative Center,
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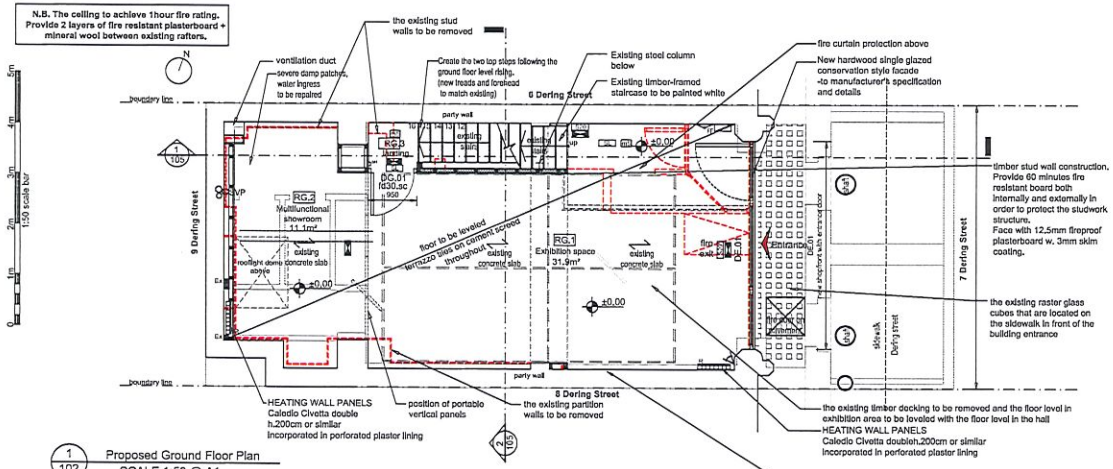
Title
Proposed Basement Plan
and Typical Basement Tanking Details

Drawn	NK	Date	Jan'20	Scale	1:50
Checked	DS, NN	Date	Jan'20		
Approved	SS	Date	Jan'20	Size	A1

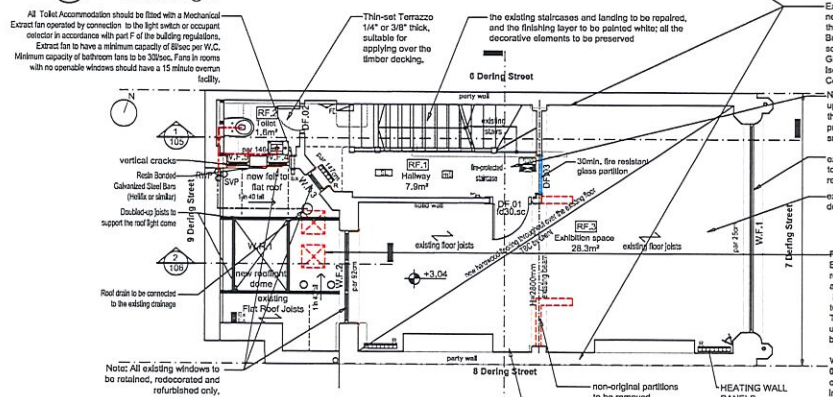
Drawing No. 2001-1238-101 Rev. B

N.B. The ceiling to achieve 1hour fire rating. Provide 2 layers of fire resistant plasterboard + mineral wool between existing rafters.



1 / 102 Proposed Ground Floor Plan
SCALE 1:50 @ A1

All Toilet Accommodation should be fitted with a Mechanical Extract fan operated by connection to the light switch or occupant detector in accordance with part F of the building regulations. Extract fan to have a minimum capacity of 8l/sec per W.C. Minimum capacity of bathroom fans to be 30l/sec. Fans in rooms with no openable windows should have a 15 minute overun facility.



2 / 102 Proposed First Floor Plan
SCALE 1:50 @ A1

Existing party wall to be investigated and upgraded if necessary to meet the sound insulation requirements and thermally insulated to achieve 0.3W/msmK u-value. Use British Gipsum or Knauf insulation products - e.g. 12.5mm soundblock plasterboard over GL1 lining channel fixed with GL2 bracket forming a 65mm cavity filled with 65mm isowool onto ex. brick wall. Alternatively 5x 65mm th. Celotex (or similar) PIR insulation bonded to plasterboard.

N.B. the stairwell enclosure to be investigated and upgraded to provide 30min fire resistance throughout to the final exit and all hallway doors to be self-closing and provide 30min fire resistance. Provide interlinked smoke-detectors at all landings (please see notes)

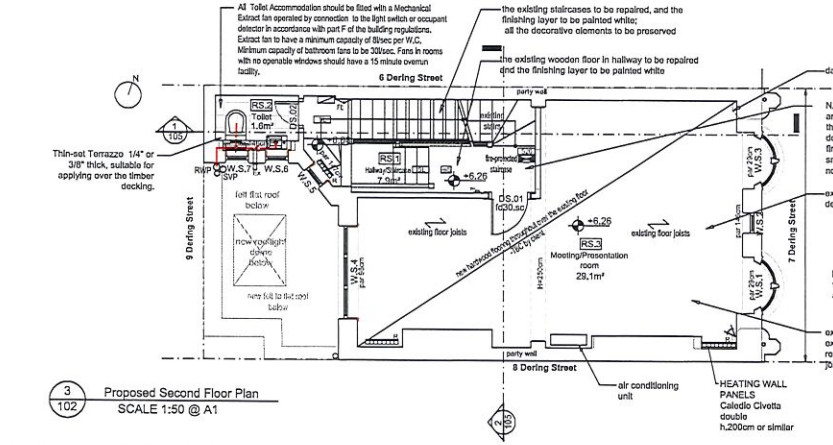
existing hardwood facade to be retained, redecorated and refurbished only

existing ceiling with all the decorative elements to be preserved

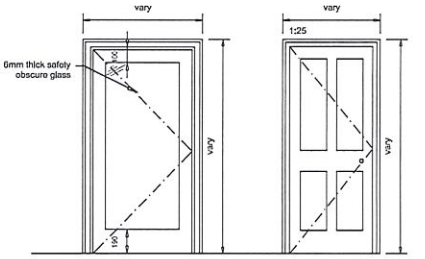
Flat Roof Repair
Existing flat roof joists to remain. Walls to laterally restrained by roof using a suitable method in accordance with the building regulations.
Permanite or sim. high performance felt system finish to roof, superflex sanded wholly bonded to superbase. Torch vent glass fibre based perforated venting underlay wholly bonded to type 3g bituflas partially bonded to 21mm ext. Quality plywood deck over s/wd.

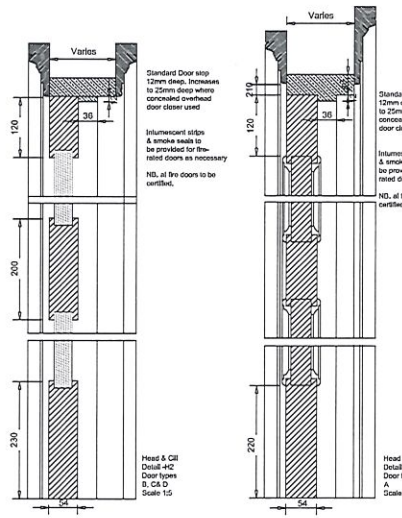
Warm Deck Insulation to achieve a U-value of 0.18w/m²k as follows: Breather Membrane draped over one layer of 100mm Celotex GA4000 sarking insulation with additional 75mm Celotex GA400 fitted between the joists. S/wd. Firing 1:40mm. (1:80 min.) fall. Underside of joists lined with 12.5 mm plasterboard to receive 3mm plaster skim coat finish.

All Toilet Accommodation should be fitted with a Mechanical Extract fan operated by connection to the light switch or occupant detector in accordance with part F of the building regulations. Extract fan to have a minimum capacity of 8l/sec per W.C. Minimum capacity of bathroom fans to be 30l/sec. Fans in rooms with no openable windows should have a 15 minute overun facility.

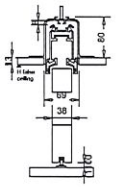


3 / 102 Proposed Second Floor Plan
SCALE 1:50 @ A1





4 / 102 Proposed Door Details
SCALE 1:5@ A1



All doors on escape routes to be fitted with simple single action fastenings (capable of being safely opened without the use of a key on the risk side) with final doors to be fitted with panic bolts or similar approved fastenings - located at height complying with Part M of Building Regulations. If there is any variance to the above (e.g for security reason or by nature of the use), a risk assessment / access statement will need to be deposited for further considered in conjunction with the Fire Safety Officer.

All openings for pipes, ducts, conduits or cables to pass through any part of a fire-separating element is to be as small as possible and fire-stopped around the pipe. Use intumescent mastics or similar fire resistance material (cement mortar, gypsum-based plaster, cement-based or gypsum-based vermiculite/perlite mixes, glass fibre, crushed rock, blast furnace slag or ceramic-based products (with or without resin binders)

FIRE SAFETY EQUIPMENT AND SIGNAGE KEY

- automatic smoke detector BS:5839-1+ type L1
- Emergency Light
- Fire Extinguisher
- Fire escape keep clear
- Safety lighting w.batery backup
- Fire blanket

KEY:

- Floor span
- Floor Straps
- Walls under
- Walls removed
- Existing Walls
- New stud walls
- Loadbearing stud walls
- Drainage route
- T2 Trimmers

N.B. Building regulation drawings are based on the architectural drawings by INKA studio. STS Structural Engineering cannot be held responsible for the accuracy of base drawings. All significant discrepancies to be reported back to the engineer.

KEY:

- f.d.30.sc 1/2h FR selfclosing door
- DG.12 Door number
- WG.13 Window number
- RG.4 Room number
- Radiator Position
- Ventilation extract w. overun
- Side Ventilation extract
- Space Heating Control
- CCTV Cameras

*Note: Please refer to ceiling plans for location and specification of light, ceiling fittings, sockets, tv and data points and light fitting controls

N.B. Drainage layout indicated in the drawings is preliminary and for information only. The contractor to provide a detailed drainage design

NOTES

All existing windows to be refurbished and redecorated with new cords and beads.

Existing brickwork to be repaired with tuck pointing.

Remove conduit and proliferation cabling from facade.

All existing skirting's to be redecorated and repaired, all areas of new skirting to match existing.

Where mouldings are still existent they shall be left in situ, protected during the works and redecorated.

All existing floorboards to be carefully removed, joists to be leveled and existing floorboards to be reinstalled. Single layer of ply to be laid under proposed floor covering.

All historic joinery and cornices to be retained. All new joinery to closely match historic.

Generally, the works have to be carried out in a high quality, in a layout sympathetic to the historic building, with care taken to retain historic features such as doors, chimneypieces, shutters, cornices and skirtings.

Rev.	Amendments	Date	Chkd.

Client
Embassy of the Republic of Serbia - London

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Project
Creative Center,
7 Dering Street, Mayfair, London W1S 1AE

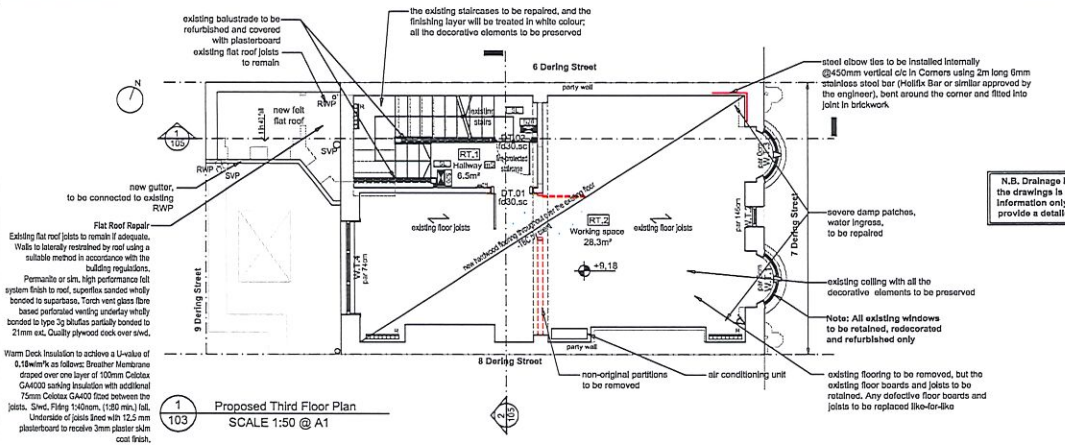
Title
Proposed Ground, First and Second Floor Plans and Typical Doors Details

Drawn	NK	Date	Jan'20
Checked	DS, MN	Date	Jan'20
Approved	SS	Date	Jan'20

Scale: as shown
Size: A1

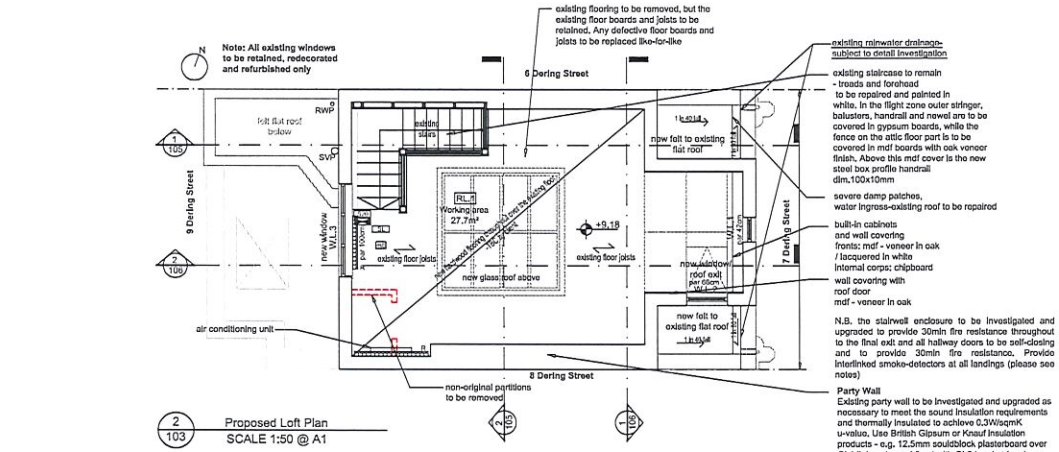
Drawing No.: 2001-1238-102
Rev.: B

N.B. All dimensions are for information only. Do not scale from the drawings. All dimensions to be confirmed on-site prior to construction/fabrication



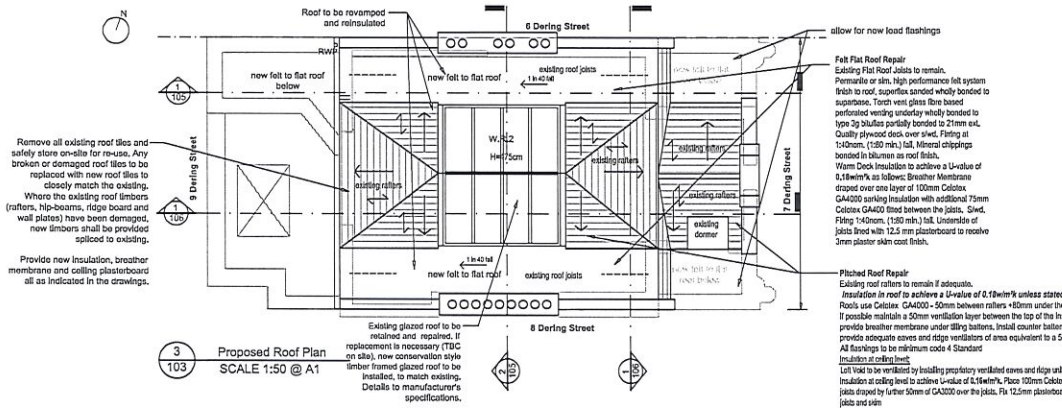
1/103 Proposed Third Floor Plan
SCALE 1:50 @ A1

N.B. Drainage layout indicated in the drawings is preliminary and for information only. The contractor to provide a detailed drainage design



2/103 Proposed Loft Plan
SCALE 1:50 @ A1

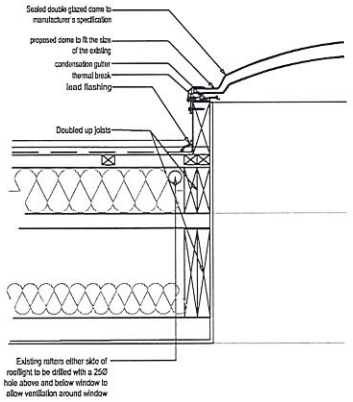
N.B. the stairwell enclosure to be investigated and upgraded to provide 30min fire resistance throughout to the final exit and all hallway doors to be self-closing and to provide 30min fire resistance. Provide interlinked smoke-detectors at all landings (please see notes)



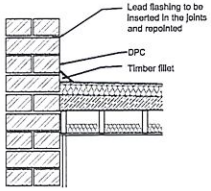
3/103 Proposed Roof Plan
SCALE 1:50 @ A1

0 1m 2m 3m 4m 5m
1:50 scale bar

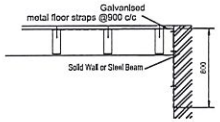
N.B. The ceiling to achieve 1hour fire rating. Provide 2 layers of fire resistant plasterboard + mineral wool between existing rafters.



4/103 Rooflight Dome Detail
SCALE 1:10@ A1



6/103 Typical Flashing Detail
SCALE 1:10 @ A1



5/103 Typical Roof Strap Detail
SCALE 1:20 @ A1

N.B. Building regulation drawings are based on the architectural drawings by INKA studio. STS Structural Engineering cannot be held responsible for the accuracy of base drawings. All significant discrepancies to be reported back to the engineer.

KEY:
- Floor span
- Floor Straps
- Walls under
- Walls removed
- Existing Walls
- Drainage route

All doors on escape routes to be fitted with simple single action fastenings (capable of being safely opened without the use of a key on the risk side) with final doors to be fitted with panic bolts or similar approved fastenings – located at height complying with Part M of Building Regulations. If there is any variance to the above (e.g for security reason or by nature of the use), a risk assessment / access statement will need to be deposited for further considered in conjunction with the Fire Safety Officer.

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FIRE SAFETY EQUIPMENT AND SIGNAGE KEY
- automatic smoke detector BS:5839-1- type L1
- Emergency Light
- Fire Extinguisher
- Fire escape keep clear
- Safety lighting w.battery backup
- Fire blanket

KEY:
- f.d.30.sc 1/2h FR selfclosing door
- DG.12 Door number
- WG.13 Window number
- RG.4 Room number
- R Radiator Position
- Ventilation extract w. overun
- Side Ventilation extract
- Space Heating Control
- CCTV Cameras

*Note: Please refer to ceiling plans for location and specification of light, ceiling fittings, sockets, tv and data points and light fitting controls

NOTES

All existing windows to be refurbished and redecorated with new cords and beads.
Existing brickwork to be repaired with tuck pointing.
Remove conduit and proliferation cabling from facade.
All existing skirting's to be redecorated and repaired, all areas of new skirting to match existing.
Where mouldings are still existent they shall be left in situ, protected during the works and redecorated.
All existing floorboards to be carefully removed, joists to be leveled and existing floorboards to be reinstalled. Single layer of ply to be laid under proposed floor covering.
All historic joinery and cornices to be retained. All new joinery to closely match historic.
Generally, the works have to be carried out in a high quality, in a layout sympathetic to the historic building, with care taken to retain historic features such as doors, chimneypieces, shutters, cornices and skirtings.

Rev.	Amendments	Date	Chkd.

Client
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7 Dering Street, Mayfair, London W1S 1AE

Title
Proposed Third Floor, Loft and Roof Plans and Typical Details

Drawn	NK, DS	Date	Jan'20	Scale
Checked	MN	Date	Jan'20	as shown
Approved	SS	Date	Jan'20	Size A1

Drawing No. 2001-1238-103 Rev. B

N.B. All dimensions are for information only. Do not scale from the drawings. All dimensions to be confirmed on-site prior to construction/fabrication