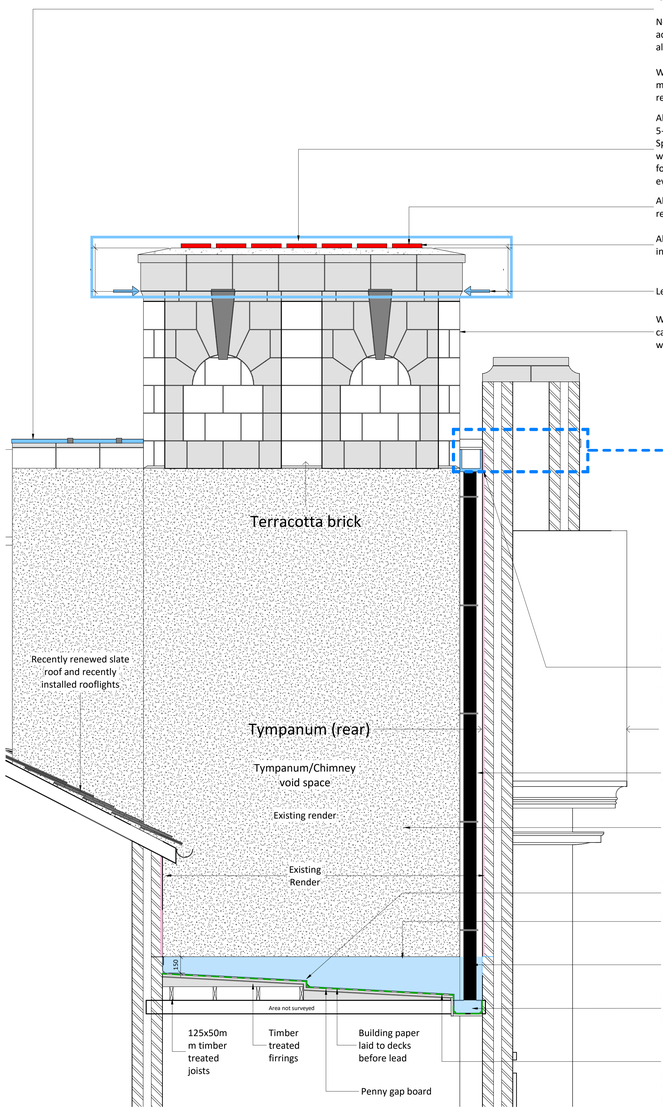
THIS DRAWING IS TO BE READ INCONJUCTION WITH 205 TYMPANUM BASE ROOF PLAN

DO NOT SCALE FROM THIS DRAWING
ALL DIMENSIONS MUST BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION

In line with current industry norms, our Professional Indemnity Insurance specifically excludes Fire Safety. Our clients are requested to ensure that they have their own adequate cover arrangements regarding all Fire Safety related liabilities for their properties.

NOTE: Aluminium and stainless steel components must not come into contact with each other. If unavoidable, the two must be separated by a membrane barrier to avoid corrosion. Fixings of aluminium & stainless steel components (eg. angles, brackets etc) must be at least 7mm from the surface edge.

All materials to be installed in strict accordance with manufacturer's written instructions.



Tympanum Chimney cross section B-B
1 : 20

Lead capping works to non-prominently visible areas of roof scrape

Weatherings to legdes, cornices and parapet walls to be installed in accordance with the Lead Sheet Training Academy manual, refer to page 81 onwards, lead sheetings to be secured using clips spaced at centres to suit risk and exposure, with welts installed at max 1m from corners or less depending upon grade of lead

New lead capping secured using a continious clip fixing to all edges, in accordance with figure 48b of the Lead Sheet Training Academy manual, allow for additional fixings where lead downstand exceeds 75mm.

Welts (indicatively shown) to be lightly dressed down and installed at max 450mm c/s and in accordance with the lead specialist's recommendations

Allow for resetting existing Terracotta pieces (as indicated by blue box) to 5-6mm joints and repointing with mortar in accordance with the Architect's Specification, allowing for a new Lead code 5 DPC sheet to be inserted where indicated. Terracotta pieces reset with Stainless Steel dowels. Allow for Stainless Steel `Bricktor` or similar wire rectangular welded mesh to every brick course.

Allow for removing chimney pots/cowls and making good to enable reflaunching with mortar mix in accordance with the Architect's specification

Allow for reflaunching chimney tops with mortar mix in accordance with the Architect's specification

Lead DPC insertion point

Working from the top downwards, existing mortar to be carefully removed, without damaging adjacent masonry or widening joints, to a minimum depth of 30mm.

New bespoke lead hopper out with weir overflow to connect to Aluminium downpipe, in similar style to suit existing downpipes. Aluminium downpipe located within corners of chimneys, not visible from the street nor roof space. Downpipe fixing in accordance with the manufacturer's reccomendations.

Tympanum (front)

New lead cappings and downpipes installed to aid with the control and flow of rainwater

Existing render finish to remain, allow for repairing defective render areas and affected by rising damp in accordance with the Architect's specification

Allow for reflaunching chimney tops with mortar mix in accordance with the Architect's specification

Allow for lining internal chimney area with lead flashing code lead 5

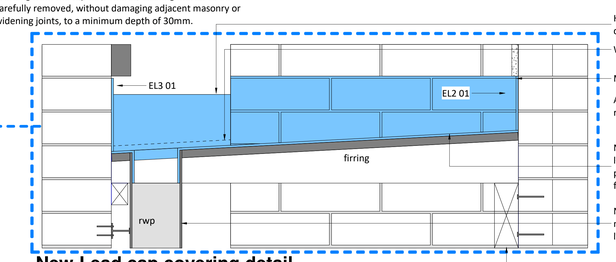
New Aluminium downpipe

New channel gutter formed out of lead and directing water out of chimney base side outlets onto adjacent flat roofs

Allow for creating new roof deck with using firrings laid to min 1:80 falls, to penny gap boards laid to existing structural deck, with a layer of building paper to BS1521 Class A to receive lead code 5 layer.

Allow for retaining existing render for the purposes of preserving the brickwork behind, allow for applying new lead works, clean render prior to lead installation. Allow for coursing leadwork into existing brickwork, allow for removing existing pointing and renewing with new pointing. Refer to LSTA Manual page 22 onwards

New lead outlet overflows locations to front elevation. Allow for creating overflow through parapet walls beneath existing copings, formed using a 100mm diameter lead outlet, minimum 75mm flashing to opening



New Lead cap covering detail
1 : 5

Hopper in background to second downpipe

Weir to hopper (dashed line)

Min 150mm lead flashing upstand

Allow for building new timber lead roof deck covering

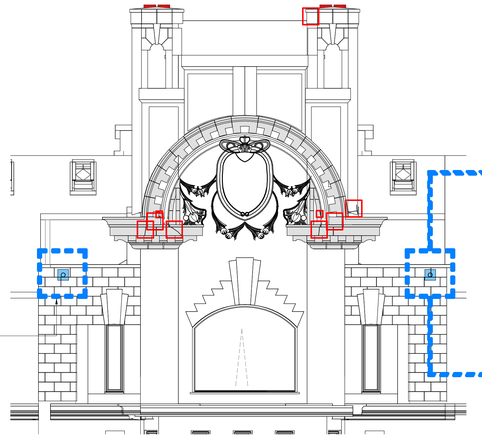
New lead covering to building paper laid to min 18mm thick marine grade plywood installed to timber firrings fixed securely down to timbers

New Aluminium rainwater downpipe min 100mm clear opening diameter, lead dressed down into pipe

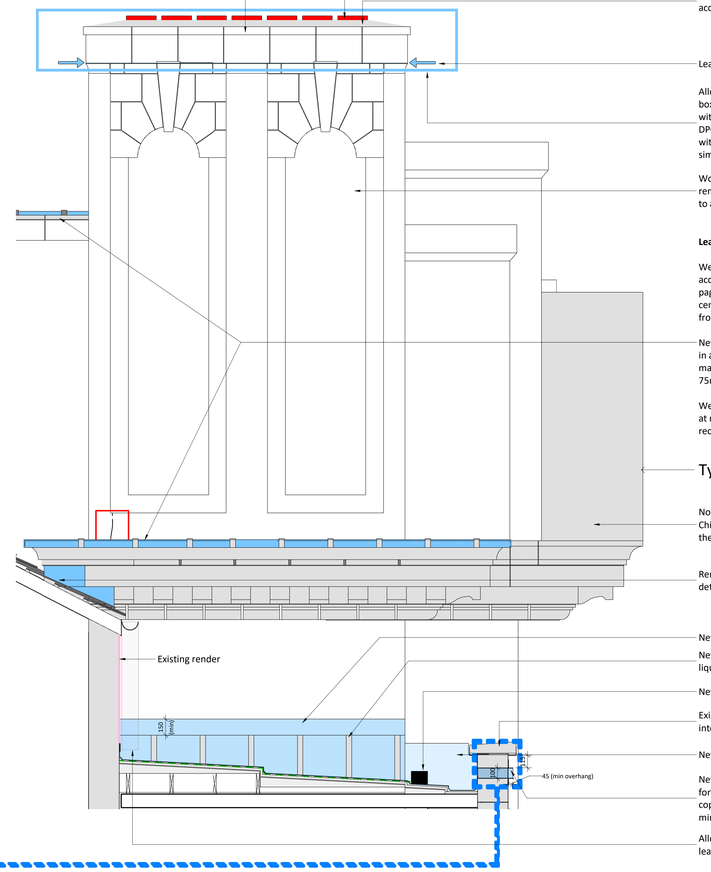
Timber jack rafters bolted through to existing brickwork , allow for a DPC layer in between



New bespoke Lead hoppers



Front Elevation - Whitworth Street - Pediment (EL2) Outlet
1 : 50



Typanum Chimney Side Elevation & Cross Section C-C
1 : 20

Allow for resetting existing Terracotta pieces (as indicated by blue box) to 5-6mm joints and repointing with mortar in accordance with the Architect's Specification, allowing for a new Lead code 5 DPC sheet to be inserted where indicated. Terracotta pieces reset with Stainless Steel dowels.

Allow for removing chimney pots/cowls and making good to enable reflaunching with mortar mix in accordance with the Architect's specification

Allow for reflaunching chimney tops with mortar mix in accordance with the Architect's specification

Lead DPC insertion point

Allow for resetting existing Terracotta pieces (as indicated by blue box) to 5-6mm joints and repointing with mortar in accordance with the Architect's Specification, allowing for a new Lead code 5 DPC sheet to be inserted where indicated. Terracotta pieces reset with Stainless Steel dowels. Allow for Stainless Steel `Bricktor` or similar wire rectangular welded mesh to every brick course.

Working from the top downwards, existing mortar to be carefully removed, without damaging adjacent masonry or widening joints, to a minimum depth of 30mm.

Lead capping works to non-prominently visible areas of roof scrape

Weatherings to legdes, cornices and parapet walls to be installed in accordance with the Lead Sheet Training Academy manual, refer to page 81 onwards, lead sheetings to be secured using clips spaced at centres to suit risk and exposure, with welts installed at max 1m from corners or less depending upon grade of lead

New lead capping secured using a continious clip fixing to all edges, in accordance with figure 48b of the Lead Sheet Training Academy manual, allow for additional fixings where lead downstand exceeds 75mm.

Welts (indicatively shown) to be lightly dressed down and installed at max 450mm c/s and in accordance with the lead specialist's recommendations

Tympanum (front)

No new visible lead capping/flashing works to the Tympanum, Chimneys tops, Turrets and other areas prominently featuring on the building

Renew existing flashing abutment details

New lead code 4 flashing to wall and roof abutment

New lead covering to slopes, allow for removing the existing liquid applied membrane and felt flashing

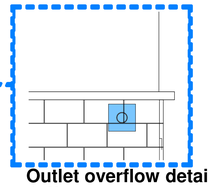
New lead flashing of existing chimney base outlets

Existing once weathered copings falling into flat roof space

New lead code 4 flashing to wall and parapet walls

New lead outlet overflows locations to front elevation. Allow for creating overflow through parapet walls beneath existing copings, formed using a 100mm diameter lead outlet, minimum 75mm flashing to opening

Allow for adjusting existing downpipes to accommodate new lead roofing design



Outlet overflow detail
1 : 20

Rev	Date	Int	Description
1	12/12/24	LJ	Planner feedback

btp ARCHITECTS — RIBA Chartered Practice

CLIENT:
Guinness Partnership

PROJECT:
India House Whitworth Street Manchester

DESCRIPTION:
New Outlet Details

PURPOSE OF ISSUE:
S0

DRAWN BY:	CHECKED	DATE:	SCALE @ A0:
LJ	VS	30/09/24	As indicated

JOB NO:	STATUS CODE:	DRAWING NO.	REV
4545	S0	211	1

FILE IDENTIFIER:
IH-BTP-00-DR-A-4545_211.1

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