Existing roof turret utilised

Ridge Level 89.720 m

Eaves Level 89.960 m

Eaves Level 89.455 m

Existing ridge 94.31 m

Existing ridge 95.81 m

Existing roof turret modified as roof ventilator

Existing Roof as Roof Ventilator

Existing ridge 95.85 m

GUTTER 5B OUTLET

93.665

93.645

1:40 Gradient

GUTTER 5A

GUTTER 5C

1:40 Gradient

80mm gutter step

93.730

93.797

Existing ridge 95.81 m

170mm gutter step

GUTTER 4B OUTLET

93.538

93.483

93.545

1000

954

600

1:40 Gradient

Location for roof turret for ventilation

GUTTER 6A

The assumption is Gutter 6A + 6B are to be set out first to allow setting out of other gutters

Existing ridge 98.63m

Allow for removal of slates to enable Bowder Gutter perimeter details. Number of courses to be confirmed on site

GUTTER 4A

1:40 Gradient

Location for roof turret for ventilation

GUTTER 1

Code 06 100mm lead soaker upstand detail to zinc cladding

Roof Light

891

Allow for expansion joints to zinc gutter.

93.720

Location for roof turret for ventilation

GUTTER 6B

1:40 Gradient

Existing ridge 95.81 m

Existing ridge 93.78 m

Plant

100Ø

810mm gutter step

GUTTER 7C

93.320

93.265

93.340

93.320

1:40 Gradient

712.5

GUTTER 7A

GUTTER 7B OUTLET

GUTTER 7C

93.480

GUTTER 8A

GUTTER 8B

GUTTER 8C

GUTTER 2

Existing ridge 95.81 m

Existing ridge 94.07 m

Assumed line of gable wall below existing roof line

Existing ridge 95.81 m

Proposed new means of escape roof exit hatch. Velux CXK06 top hung manual roof access hatch - As per NBS XXX. Awaiting confirmation from Building Control and fire engineer.

The assumption is Gutter 01 is to be set out first to allow setting out of other gutters

Proposed roof to be reviewed onsite. Existing roof is lead.

Existing ridge 95.58 m

GUTTER 01

92.636 m

GUTTER 02

92.580 m

92.910 m

1:40 Gradient

1:40 Gradient

Localised fall

92.738 m

GUTTER 03B

Single ply roof membrane to gutter locations (light blue)

93.705 m

1:40 Gradient

GUTTER 3

GUTTER 03A

Gutter (d) Level 93.881 m

Existing ridge 95.62 m

New proposed 100mmØ Zinc Gutter (RWP 24)

Existing ridge 96.63 m

Cladding to exercise yard to be reviewed on site with cladding sub-contractor following installation of steel columns and cladding rails

Existing ridge 95.75 m

New proposed 100mmØ Zinc Gutter (RWP 25)

1 Proposed Roof Plan
2620 1:50 @ A0

NEW CAST IRON RWGS AND SVPS			
ITEM	**TYPE**	**SIZE**	**NBS REF**
RWP 2	Eared Pipes (to match existing)	65 mm dia	R10/380
RWP 3	Eared Pipes (to match existing)	65 mm dia	R10/380
RWP 7	Eared Pipes (to match existing)	100 mm dia	R10/382
RWP 28	Eared Pipes (to match existing)	100 mm dia	R10/382
RWP 20	Roof outlet with sealed iron internal pipework below	100 mm dia	R10/365 R10/385
RWP 21	Roof outlet with sealed iron internal pipework below	100 mm dia	R10/365 R10/385
RWP 22	Roof outlet with sealed iron internal pipework below	100 mm dia	R10/365 R10/385
RWP 23	Roof outlet with sealed iron internal pipework below	100 mm dia	R10/365 R10/385
GUTTER 1	Moulded Ogee – G46	100 x 75 mm	R10/315
GUTTER 2	Moulded Ogee – G46	100 x 75 mm	R10/315
GUTTER 3	Moulded Ogee – H16	150 x 100 mm	R10/317
SVP 1	Eared Pipes (to match existing), 150 mm wire balloon	100 mm dia	R10/384
SVP 2	Eared Pipes (to match existing), 150 mm wire balloon	100 mm dia	R10/384
SVP 3	Eared Pipes (to match existing), 150 mm wire balloon	100 mm dia	R10/384
SVP 4	Eared Pipes (to match existing), 150 mm wire balloon	100 mm dia	R10/384
RETAINED CAST IRON RWGS			
Retain all other cast iron rainwater goods and overhaul, cleaning out and replacing any defective sections fittings or fixings and re-sealing junctions as required. Undertake a water watertightness test. Allow provisional sum for replacement of defective sections as required following site inspection, once high level access is available.			
RWP 24	New Zinc Downpipe	100mm dia	
RWP 25	New Zinc Downpipe	100mm dia	

Notes: 17/02/2025 12:00:22

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

Key Plan
not to scale

1:50
0 500mm 1 m 2 m 3 m 4 m 5 m

Bauder Single Ply Membrane Gutter

Code 8 Lead Gutter

Zinc Gutter + cladding

GENERAL NOTES:

This drawing is to be read in conjunction with:
- NBS Specification
- Fire strategy drawings and the fire strategy report produced by Jensen Hughes
- Structural Engineers' information
- MEP information for details of the service routes and penetrations through the ceiling, walls, and floors.

All new and existing steelwork to have 60min intumescent paint as per NBS M61:110 / 111

Penetrations or services through fire-rated compartment walls, ceilings and floors must have appropriate fire stopping to ensure continuity of protection and that this compartment works effectively in the event of fire.

Existing masonry walls assumed to achieve FR60min, make good existing masonry where services / fixings are removed.

Where this is not feasible, fill in gaps with Envirograf product number 63 Intumescent Cement Filler or similar for approval by Fire Engineer

Finished floor to be level throughout floor level wherever possible. All threshold strips and transitions should be less than 15mm in line with Approved Document M.

Approx gutter levels. Levels TBC on site.

All exhibition spaces to include a build up of zero formal dehyde MDF

Information subject to amendment following assessment of advice regarding:

- **Acoustics**
- **Security**
- **Accessibility**

REV	DATE	BY	CHK	DESCRIPTION
C02	03/02/2025	CH	ZB	Bauder Gutter 6A/6B replaced with Zinc+levels
C01	10/06/2024	CH	JR	Construction Issue

CLIENT
Haley Sharpe Design Ltd

PROJECT
Wrexham Museum Redevelopment

JOB NUMBER
241084

PURCELL

TITLE
Proposed Roof Plan

SIZE	SCALE	LAST REVISED	DRAWN	CHECKED
A0L	1:50 @ A1	10/10/2023	CH	PS

REV **C02** SUITABILITY/REASON FOR ISSUE **A5 - Construction Approved**

DRAWING NAME
241084-PUR-00-RF-DR-A-2620

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