

METHOD STATEMENT
FOR
THE REPAIR OF DOMED TOWER INTERNAL ROOF
AT
MARGAM CASTLE

UPPER LEAD ROOF

- Erect independent tube and clip scaffolding (putlock ends plastic capped where abutting masonry) externally and internally to provide safe access to high level lead roof. As the works proceed, the scaffold will be reduced in height to allow for the works at lower levels. Once the lower ceiling level is complete, the scaffold will be carefully removed and all debris etc cleared away.
- Supply and install new treated softwood timber 125 x 75 structure on existing walls. Consolidate walls where necessary. Wrap all timbers in contact with masonry in DPC.
- Supply and lay new treated softwood decking from 125 x 25 treated softwood boards onto new joists, allowing for creating the necessary falls and channel to allow the water to run off to the new outlet.
- Supply and lay new code 7 lead sheet roofing onto building paper onto newly laid deck. Form over new wood cored rolls where necessary and into channel including the new lead outlet through wall to parapet gutter of main castle roof.
- Supply and fit new code 5 lead cover flashing to perimeter.
- leadwork to be carried out to LSA guidelines. All leadwork to receive 2 coats of patination oil on completion.

UPPER CEILING

- Supply and fit new treated 150 x 50 ceiling joists to existing pockets in brickwork. All timbers in contact with masonry to be wrapped in DPC.
- Under draw ceiling with new sawn larch laths fixed with stainless steel pins. Apply 2 coats of haired lime mortar to laths, followed by 1 coat of silver sand lime mortar top coat.

MID FLOOR

- Carefully remove existing rotten plywood and floor joists and dispose of off site.
- Supply and fit new 200 x 50 treated softwood joist including all necessary noggins. All timbers in contact with masonry to be wrapped in DPC.
- Lay new salvaged 150 x 25 softwood boards, nailed with traditional cut nails. Keep boards back from masonry by 25mm all around perimeter.

LOWER CEILING

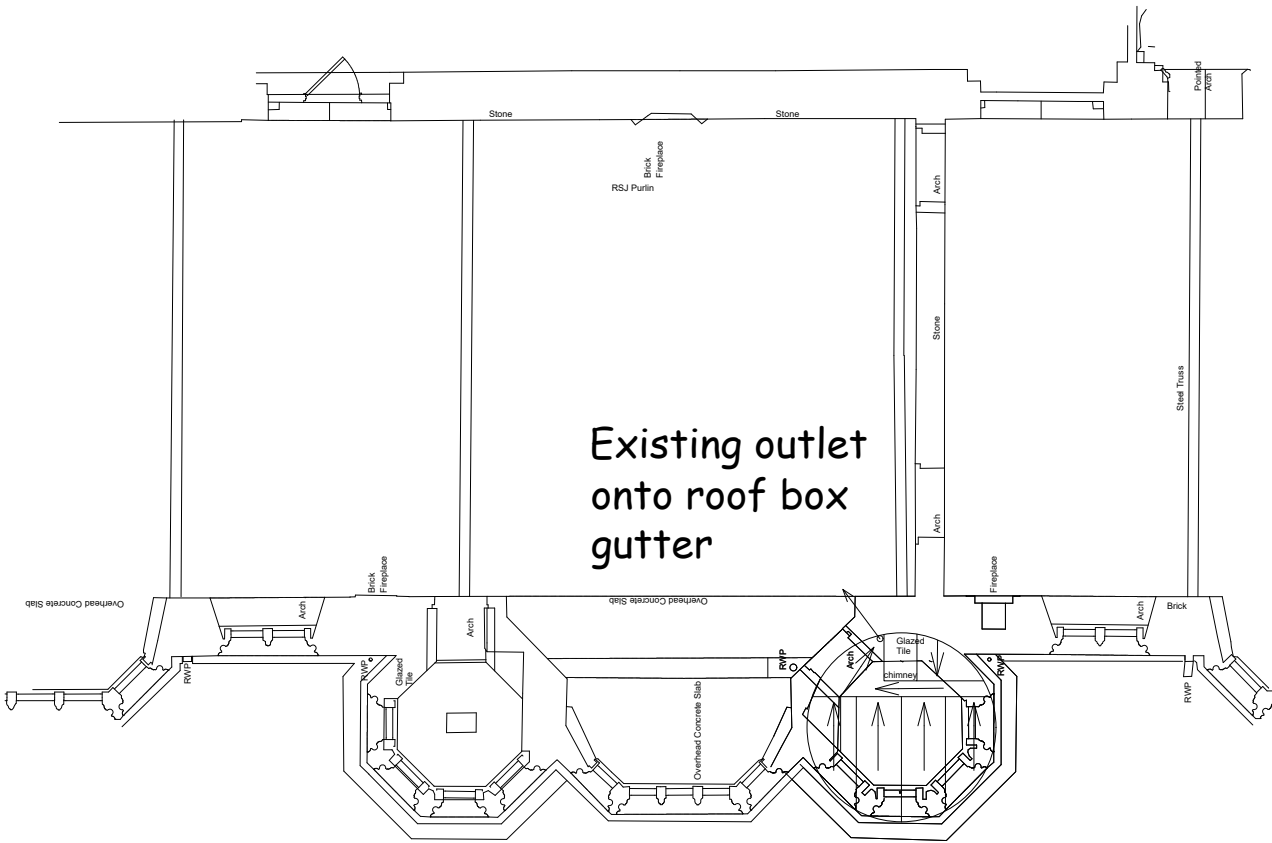
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BAT ACCESS ADAPTIONS

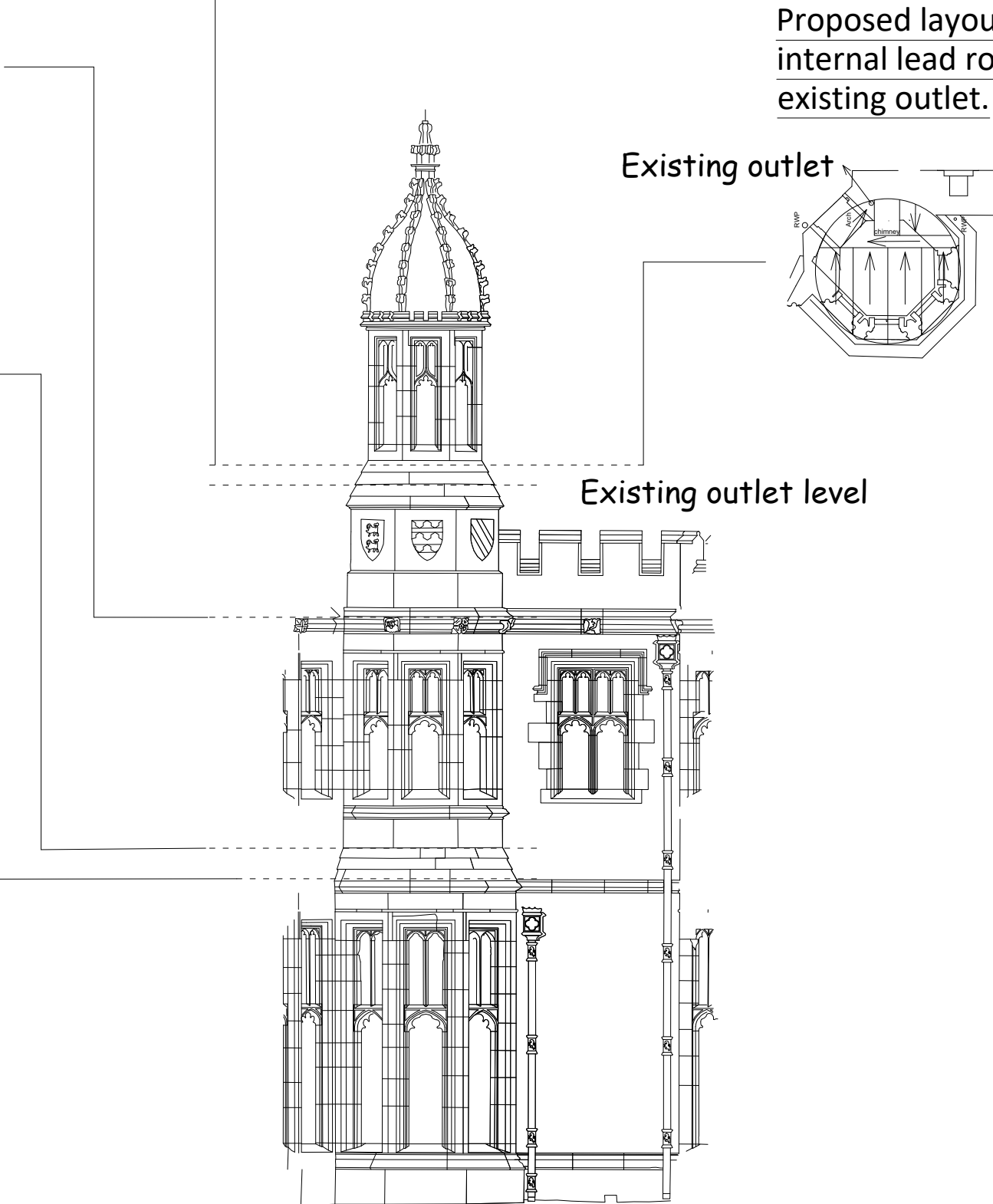
- To upper lead roof, upper ceiling, mid floor and lower ceiling; adapt each structure to incorporate new bat access as per drawings supplied by ecologists.
- Total of 4no bat routes.

ON COMPLETION (Including at each stage of completion)

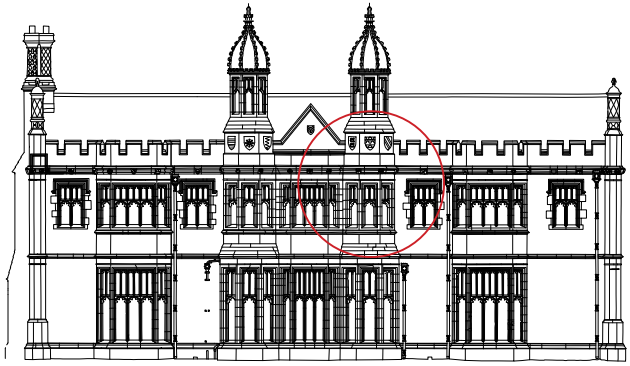
- Allow the client to inspect works prior to dropping scaffolding.
- On completion, clear area of work of all debris and materials, dismantle scaffold, clear and Hoover area and hand over to client.



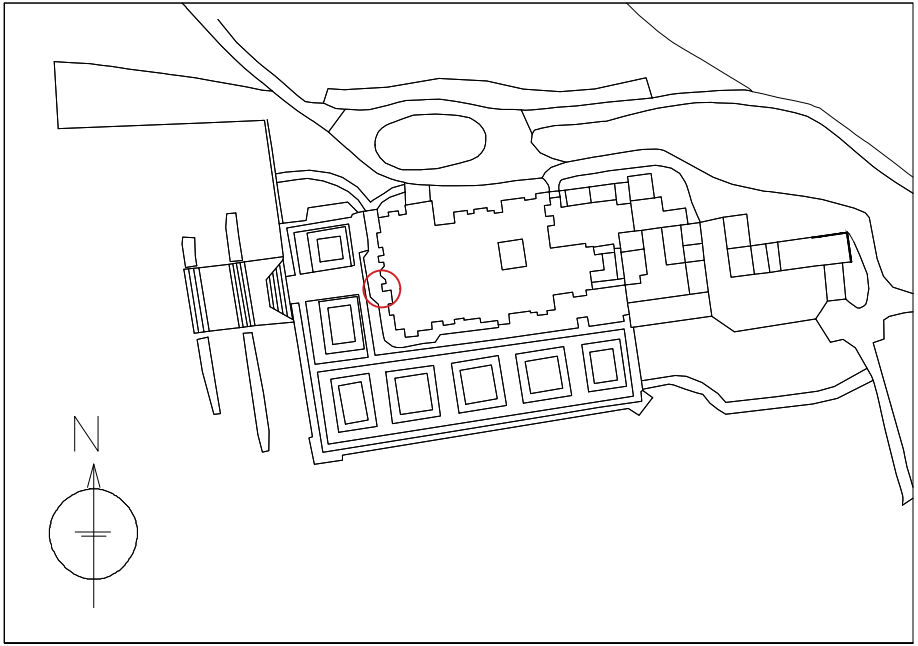
PROPOSED TOWER ROOF LEVEL PLAN.



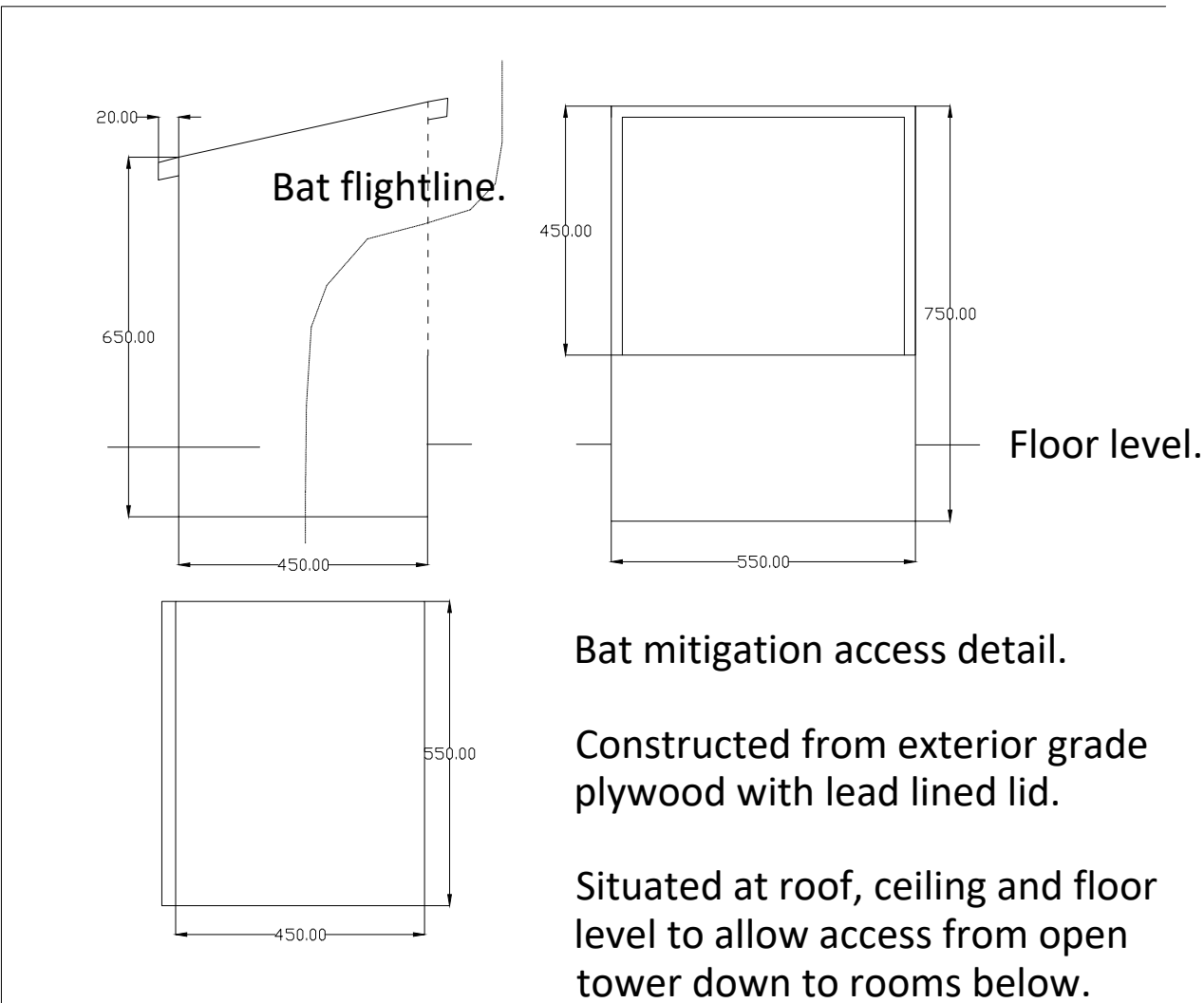
Proposed layout of code 7
internal lead roof and
existing outlet.



PROPOSED WEST ELEVATION. NTS.



PROPOSED LOCATION PLAN 1:2500



PROPOSED BAT ACCESS NTS.

NOTES

- All dimensions in millimetres unless otherwise stated.

Rev	Details	Dr	Ch	Apr	Date
 Neath Port Talbot Castell-nedd Port Talbot County Borough Council Cyngor Bwrdeistref Sirol Making a difference Gwahaniaeth er gwell					
PROPERTY & REGENERATION Gareth Nutt B.Sc(Hons), M.Sc., DMS, FRICS CORPORATE DIRECTOR OF ENVIRONMENT THE QUAYS, BRUNEL WAY BAGLAN ENERGY PARK SA11 2GG www.npt.gov.uk					
Project Margam Country Park Margam Castle					
Drawing Title Turret roof repairs					
File No.		Property Ref. No.			
Drawn	GH	Checked		Approved	
Date		Date		Date	
Scales		NTS			
Drawing No.					Rev.
7081/BS021901/03					