



Part A
pages 1 - 51

introduction	4
location and context	5
architectural context	6
existing site photographs	7
design proposals	8
arrival	11
common room	17
courtyard	24
circulation and bulkhead services	31
bread oven and garden room	37

Part B
pages 53 - end

south west facade	54
master suite	58
approach to design and materials	66
approach to sustainability	69
appendix	72
garden room iterations	76
low visor option	77
high visor option	81
amended garden room design	85

Planning Application Submission – Objectives

In February 2021 BWT were approached by the owners of The Warrens, Bramshaw to carry out feasibility studies that examine the existing accommodation with the aim to establish key proposals to help ease the circulation and to repurpose underutilised or redundant rooms.

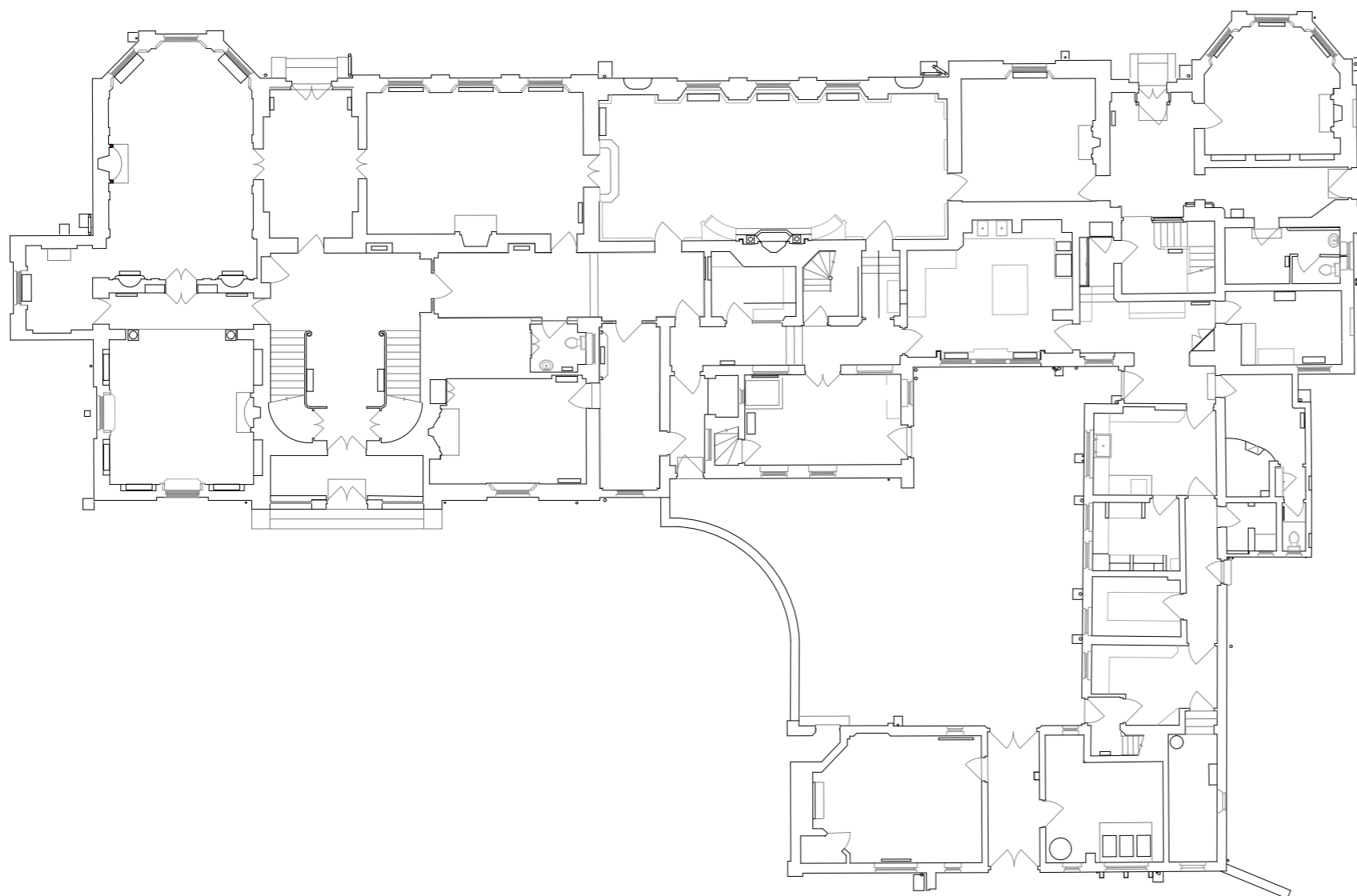
The principal objectives and findings of the client brief were to:

- . re-establish an entrance centrally within the ground floor plan to improve circulation.
- . the provision of an extension within the walled garden and rationalise the associated circulation.
- . reconfigure the northwest Service Courtyard to be more open and useable.
- . repurpose the northwest Service Courtyard outbuildings to accommodate a Studio room and Courtyard Sitting room.
- . repurpose the Common Room to be a more informal and useable room with a modernised function.
- . remodel the 1st Floor Master suite by re-establishing the historic Ante Room with adjacent Bedrooms.
- . review on site energy consumption with the ambition of the Estate becoming carbon neutral.

A PreApp submission was made early in August 2021 that recorded the outcome of our studies and in September 2021 an informative site meeting was held to review the proposals with representation from Historic England and New Forest National Park Authority.

BWT have since taken onboard the constructive and collaborative dialogue that has ensued and we are now in a position to present our proposals in pursuit of planning permission and Listed Building consent.

BWT are architects and interior designers who have experience of working on the refurbishment of listed buildings and within heritage settings.



Existing Ground Floor Plan

location and context

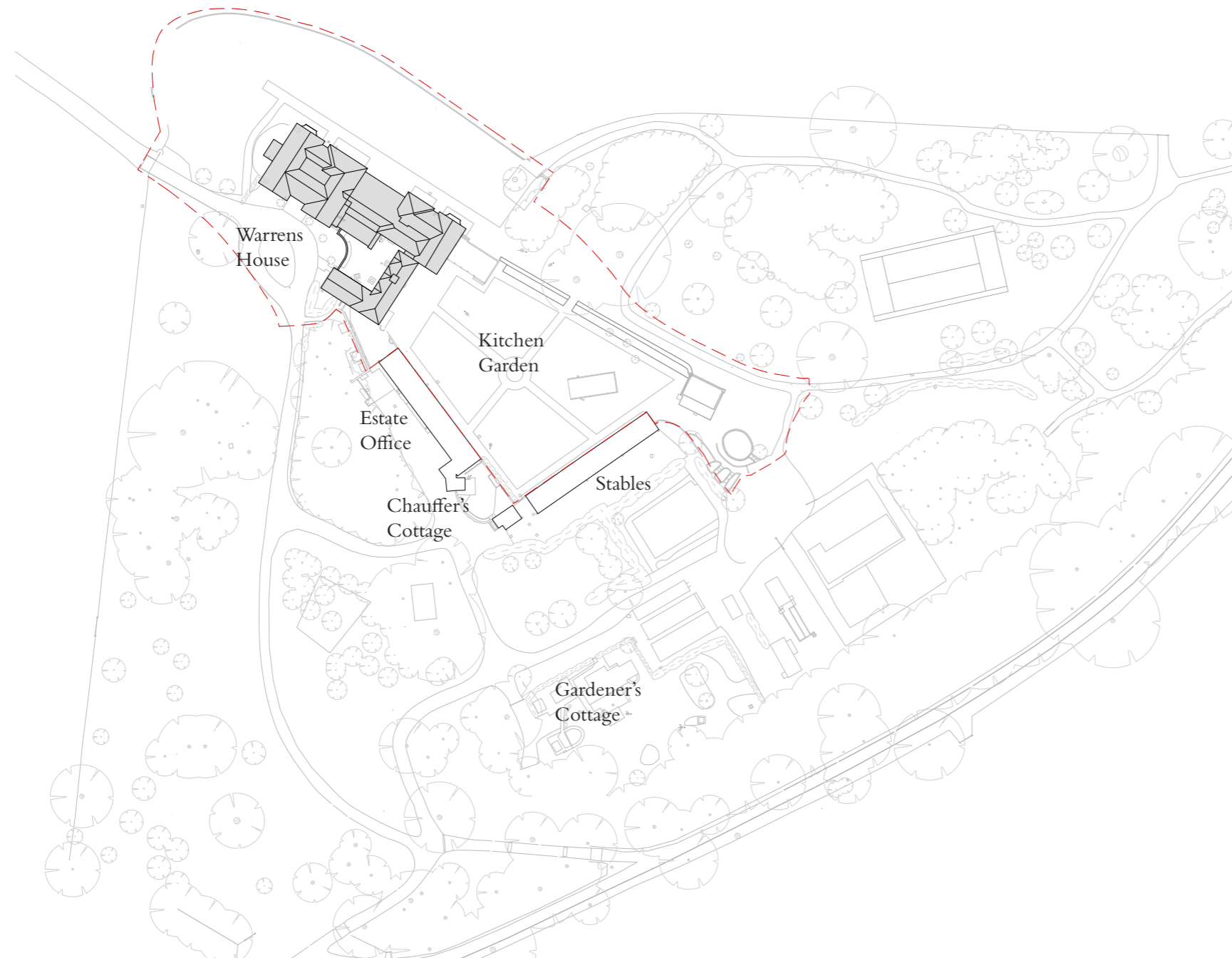
Site Location

The Warrens is a substantial Estate of some 180 acres, with main house and outbuildings situated within the New Forest National Park near the village of Bramshaw, Hampshire.

The outbuildings include two cottages (Gardeners Cottage & Chauffeur's Cottage), a lodge (Red Lodge), staff accommodation on the first floor courtyard wing and a Grade II Listed former stable block (Estate Office).

This application seeks planning approval and listed building consent on suggested proposals for the Main House and the new interventions within the Kitchen Garden.

The focus of this application is in relation to the architecture of the main house and Kitchen Garden although the landscape is being considered in a wider context in terms of its long-term management, how it contributes to the setting of the house.



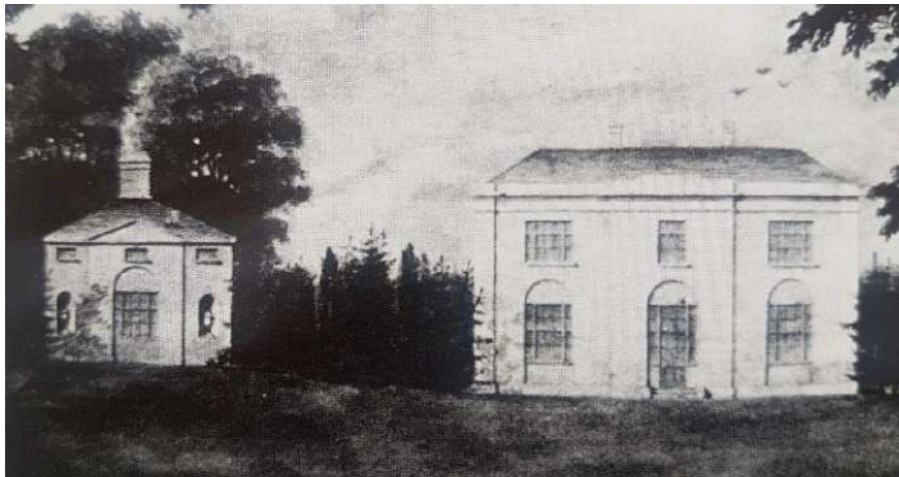
architectural context

The original house design is attributed to the architect John Nash c. 1800 and soon after its execution was extended with a wing to the southeast of similar detailing and materiality. Between the house and wing a conservatory was located overlooking the landscape to the east. Various outbuildings were constructed as the estate developed and house demanded - a stable block and service range to the south west form enclosing elements to the south facing Kitchen Garden.

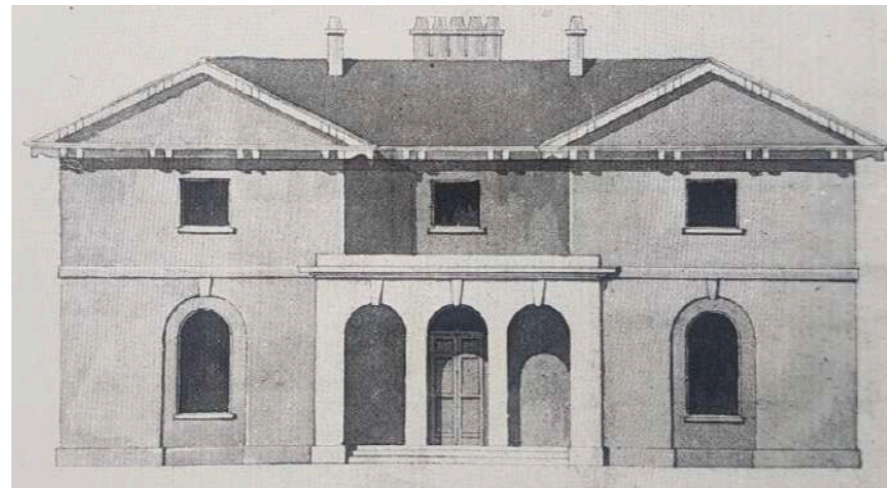
Further modifications to the house were carried out - most notably to the designs of architect Philip Webb c. 1897 whose work comprised of a substantial staff wing (demolished in 1980), the re-appropriation of the conservatory into the Common Room and other internal alterations to the southern wing and service range. Most of this work is concentrated around the red brick areas of the service courtyard.

The juxtaposition of the original John Nash house and the contrasting work of Philip Webb - both prime architects of their respective times - make Warrens a unique house registering the evolution of how society and lifestyles have changed and hence continue to do so.

The Warrens is a Grade II* listed heritage asset and we have actively consulted The National Planning Policy Framework Section 16 (NPPF 2012), Rural Solutions Ltd as planning advisors and Forum Heritage Services as heritage specialists whose appended reports should also be read in conjunction with these proposals. Our research has taken us to the Society of the Protection of Ancient Buildings (SPAB) who have kindly provided photographs of Philip Webb's revealing detail drawings of The Warrens which are appended here.



One of Plaw's watercolours of proposed designs for Warrens, 1799.



Front elevation of Warrens drawn by George Repton (whilst an apprentice of John Nash).



Philip Webb's dominant Staff Wing (c 1897) with entrance hall (demolished in 1980).

existing site photographs



01



02



03



04



05



06



07



08



09



10



11



12



13



14



15

Existing Site

The house provides a context rich in spatial form, materiality and detail whilst marking some 200 years of use and modifications.

The original John Nash house is regency period neo-classical signified by the use of buff bricks with orthogonally organised and elegantly proportioned rooms.

Philip Webb's work was an exercise in remodelling the existing accommodation by improving circulation between the North and South wings at ground and upper first floor levels, the design of the Common Room and extending the north west courtyard to provide staff accommodation - which was demolished in c. 1980.

Also demolished in c. 1980 was a chapel built in the first half of the twentieth century that stood where the podium now exists within the Kitchen Garden.

The photographs on this page highlight some of the areas that we are addressing in our proposals.

- 01 North West Elevation, Primary John Nash Entrance
- 02 North West Elevation, Existing Window
- 03 Existing Inward Curved Courtyard Wall
- 04 North West Elevation, Proposed Courtyard Sitting Room.
- 05 Internal View of roof of Proposed Courtyard Sitting Room.
- 06 South East Courtyard Elevation.
- 07 Internal View of Proposed Gym Opening
- 08 Internal view of Common Room
- 09 Fireplace in Common Room
- 10 Existing Bread-Oven Lean To
- 11 South East Elevation John Nash Steps to the terrace
- 12 South West Elevation. Existing Podium and Entrance
- 13 Upper First Floor - Existing Bathroom
- 14 Upper First Floor - Existing Hallway
- 15 Upper First Floor - Existing Master Suite

Proposed Ground Floor Plan

Scale 1:250

1.01 New Entrance Door and Steps Reinstall Webb entrance providing better access into the centre of the house.

1.02 Courtyard Wall Remove existing 1980s inwards curving brick wall and replace with outward curving wall.

1.03 Common Room Proposal to install a kitchen island with discreet services and lighting.

1.04A Courtyard Sitting Room Partially remove 1980s brick wall and install glazing with pass door allowing better natural light and visual reading of Webb's internal elevation.

1.04B Courtyard Sitting Room Replace existing timber side door with glazed door.

1.04C Courtyard Sitting Room New wood burning stove and flue.

1.05 Studio Facade Reinstall existing Webb opening and install new glazed door panel.

1.07 Back Of House Existing plant room reconfigured to provide new Guest and Staff WC. A relocated plant room is proposed in a subsequent phase of work to provide and distribute renewable energy to the house and outbuildings.

1.07A Back of House Add new opening to allow access to room GF.15.

1.07B Back of House Reconfigure Plant Room for new staff WC and Guest Pantry.

1.08 Service Kitchen and Wing Remove current contemporary floor finishes and install new natural lime screeded floor.

1.09A Lobby Area New opening made to ease circulation from main house to new pavilion. Sliding Door to replicate details of the adjacent Webb sliding door.

1.09B Lobby Area Original Webb cabinet to be relocated from Lobby to adjacent House Manager's Office.

1.10A Service Wing Bulkhead (in Lobby / Corridor Area) Current services to be reconfigured to preserve original ceiling profile of Webb's Lobby.

1.10B Services Wing New timber-framed glazed panelled doors to be installed.

1.10C/1.10D Service Wing 1.10C Existing doorway to be blocked up. 1.10D New doorway to pantry accessible from service corridor to ease circulation.

1.11A Bread Oven Room The existing Lean-To enclosure is proposed to be removed and the bread oven and flag stone floor retained in-situ.

1.11B Bread Oven Refurbishment Works to include opening of ash pit at floor level (currently bricked in) and removal of the board to the top opening. The existing brick chimney to extend through the new roof enclosure and vent to open air in accordance with Building Regs. Part J.

1.12 Proposed Garden Room A glazed extension with curved footprint around the existing bread oven. The Garden Room provides an informal sitting and dining area and a place where produce from the kitchen garden can be received.

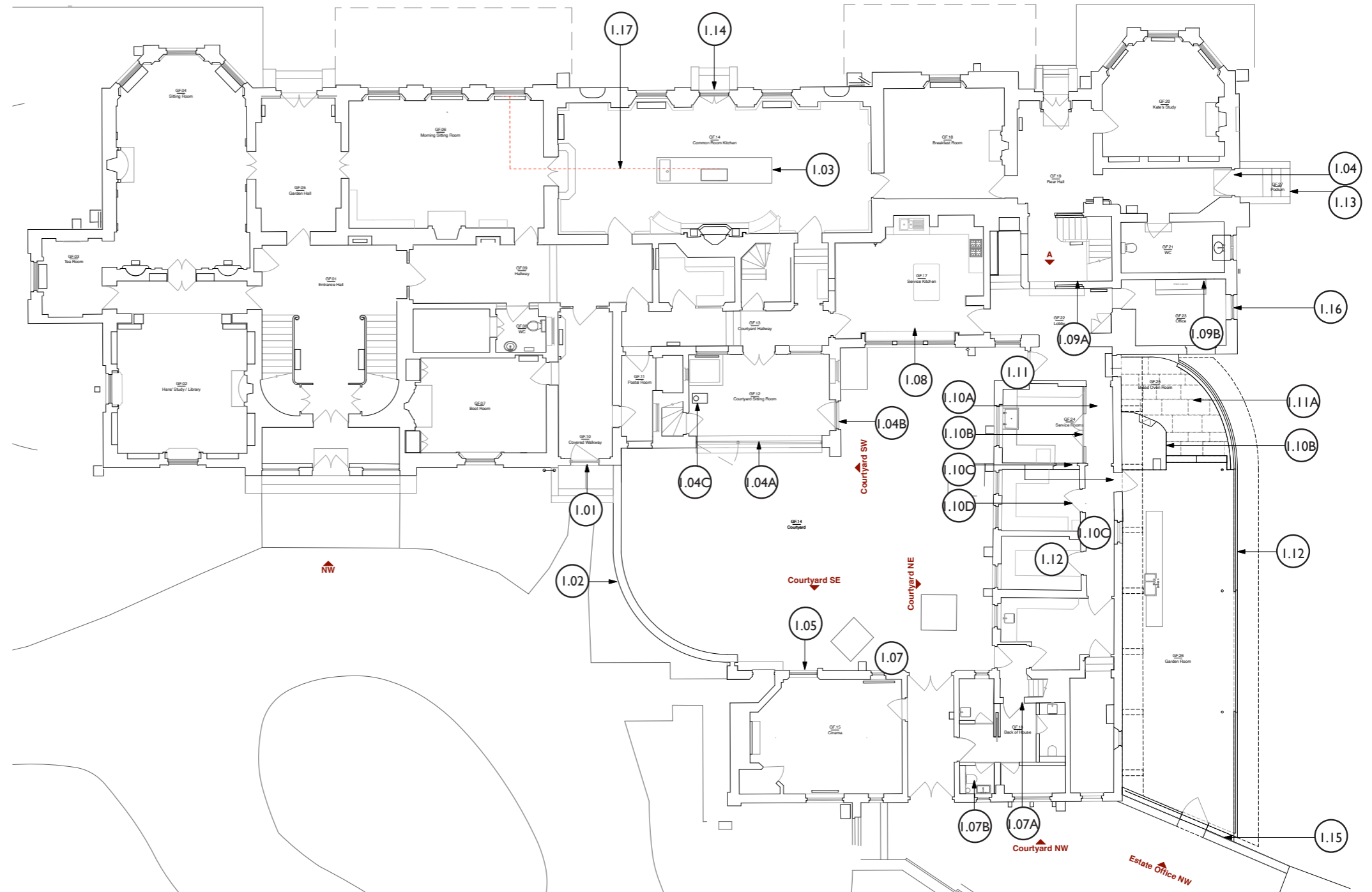
1.13 Podium Remove existing podium terrace. Stone flags to be set aside for future reuse. New steps of matching scale, materiality and detail to those on South East elevation are proposed.

1.14 Common Room Garden Access The original timber sash window will remain and new low-level hinged timber doors (with tradition detail to match existing) to be installed from sill to floor level.

1.15 Kitchen Garden Wall Replace 1980s brick infill with reclaimed bricks to match.

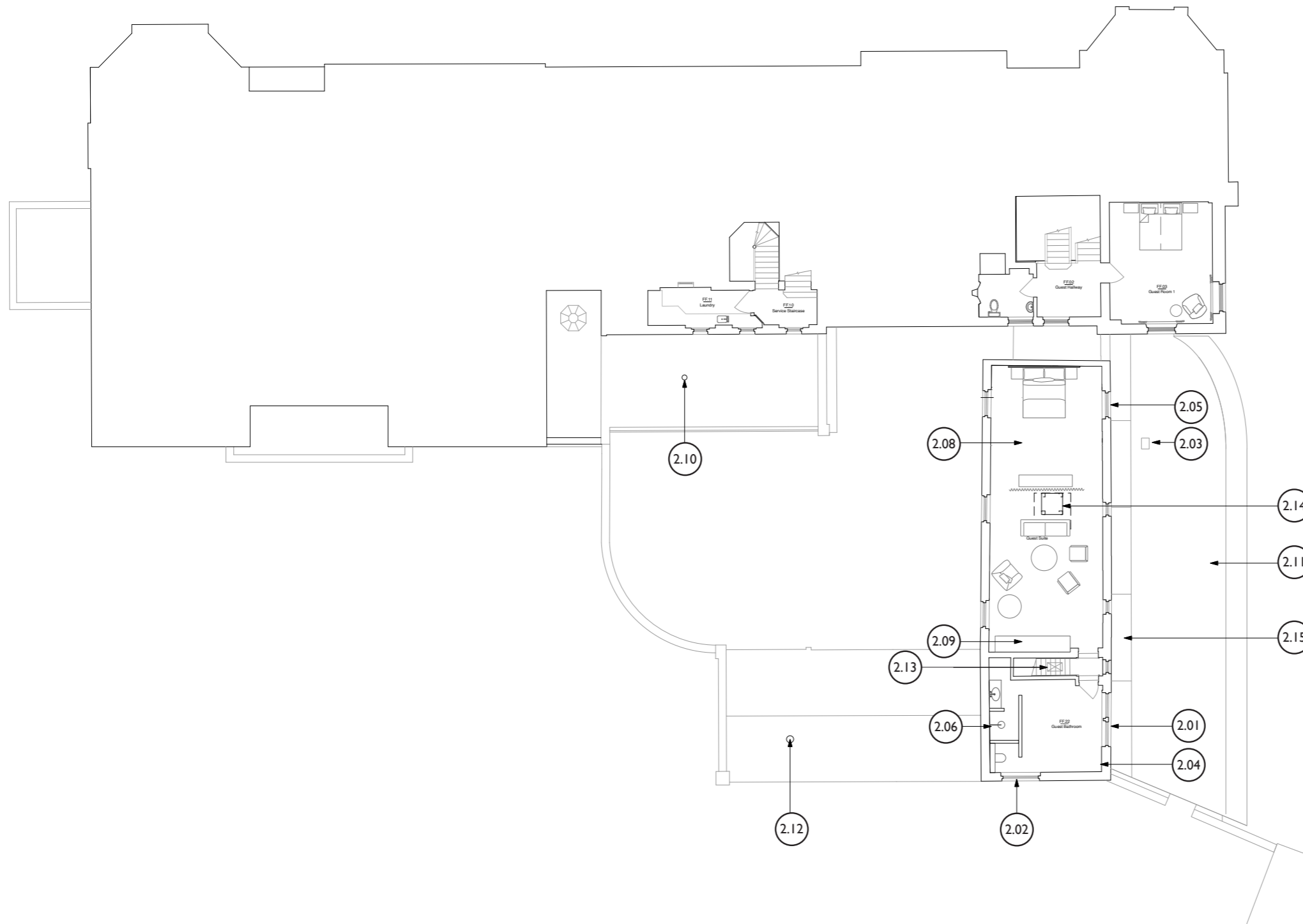
1.16 South East Facade Existing window to be removed and opening bricked in (with 'blind window' recess detail). New sash window installed within existing blind window recess on south west Facade

1.17 Common Room Extract to be located below floor and connect to existing external grille.



Proposed First Floor Plan

Scale 1:250



2.01 Windows on South West Elevation Window cill to be raised to the height of existing adjacent windows.

2.02 Windows on North West Elevation New window to be introduced to Guest Suite at first floor level

2.03 Bread Oven Chimney Bread Oven chimney to be reinstated.

2.04 Chimney Stack and Gable End Removal of existing chimney stack and gable end as per previously approved planning application no. 18/00996.

2.05 New Window New windows to be added to the South West Elevation - same detail and cill height as adjacent windows.

2.06 New Bathroom New Bathroom for Guest Suite.

2.07 Omitted

2.08 New Open Plan Guest Suite

2.09 Kitchenette New Kitchenette to Guest Suite.

2.10 New Chimney Flue Chimney Flue for wood burning stove to Courtyard Sitting Room. Metal PPC painted slate grey.

2.11 Garden room roof Proposed Garden Room roof to have new slate roof raised on pedestals.

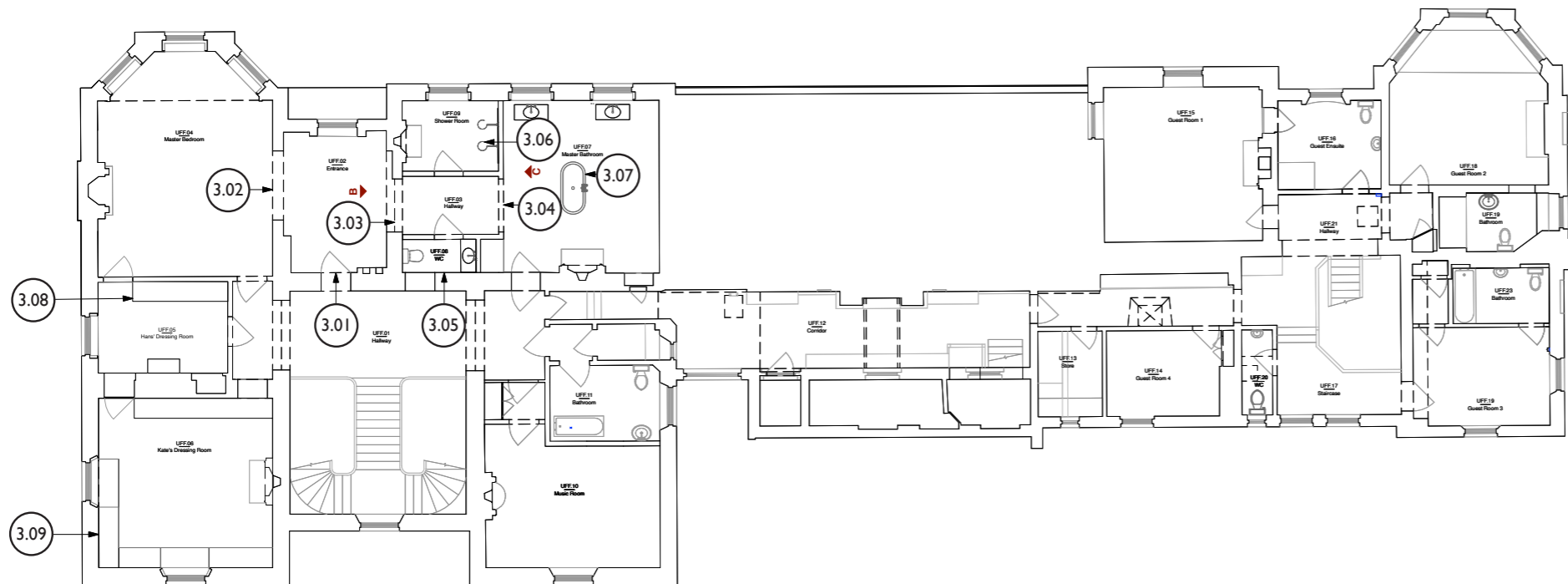
2.12 New Chimney Flue Chimney Flue for wood burning stove to Studio Room. Metal PPC painted slate grey.

2.13 Proposed conservation rooflight above stair to Guest Suite.

2.14 Existing clock mechanism to be retained

2.15 Rooflight New continuous rooflight along roof of new garden room

Proposed Upper First Floor Plan
Scale 1:250



3.01 Master Suite Entrance Reinstate original Nash opening to create bedroom entrance lobby area

3.02 Master Bedroom Opening Enlarge existing door opening to original larger John Nash to create opening centred on the fireplace

3.03 Opening between Master Bedroom & Master Bathroom Enlarge existing opening to original larger John Nash opening to create visual frame of fireplace.

3.04 Master Bathroom Opening

3.05 New WC Location All piped services to run within the floor void and to connect up to existing main drainage pipes.

3.06 New Marble Shower Room Enclosure Existing marble fireplace to be retained and protected by new stud wall lining. New floor-to-ceiling stone clad wall linings and stone floor with underfloor heating. All piped services to run within the floor void and to connect up to existing main drainage pipes.

3.07 Re-appropriate existing Bedroom 2 as the Master Bathroom New freestanding bathtub to be centred in room and 2no. freestanding basins to be located in windows. All piped services to run within the floor void and to connect up to existing main drainage pipes.

3.08 New fitted joinery to dressing room

3.09 New fitted joinery to dressing room

arrival

design proposal – 1.01 new entrance

Site photographs



North West Facade

Proposal to remove current window and create new secondary entrance route (in location of Philip Webb's original entrance) & Nash service entrance.



External view of current window



Existing Photograph of Webb's internal door



Internal view of current window

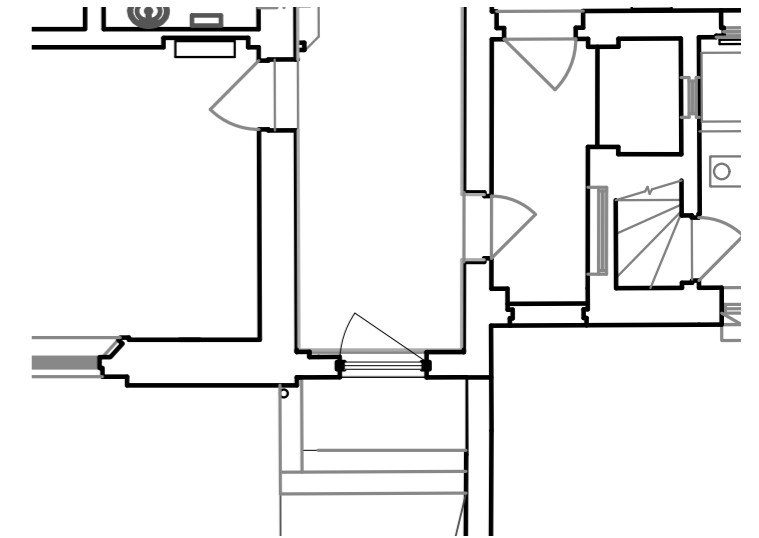
design proposal – 1.01 new entrance

External North East View

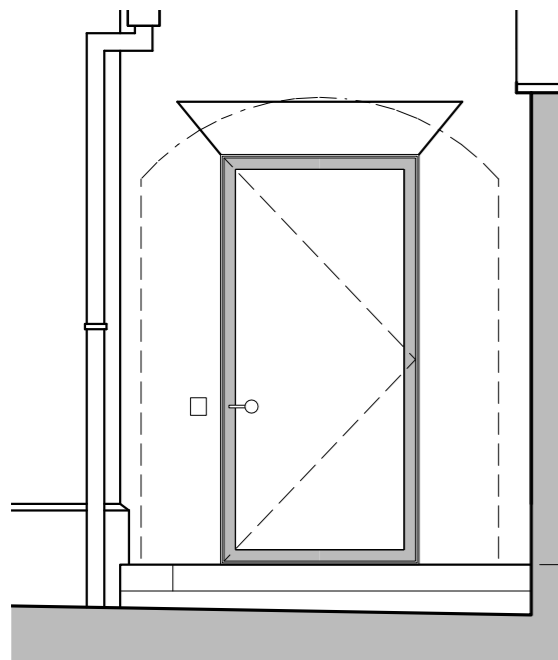


Re-instate a historical entrance route

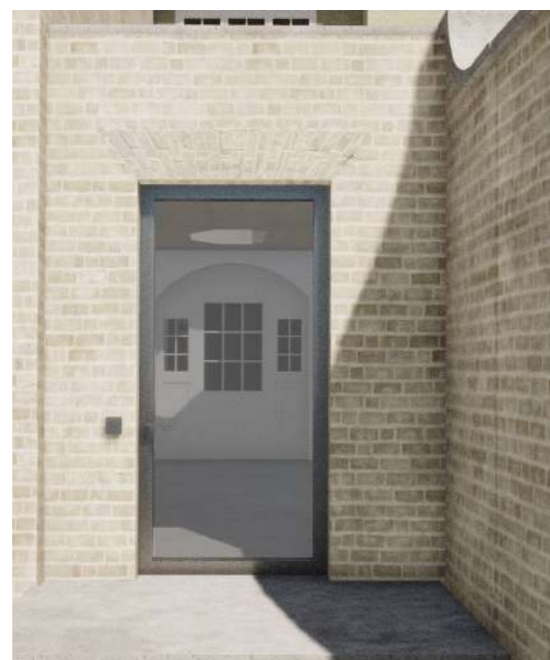
Proposal is to re-instate a historical entrance route with a glazed front door allowing access centrally within the floor plan. This will be a subservient entrance to the main front entrance of the Nash house. Webb made this route the main entrance to his alterations although the main entrance lobby to the remaining internal corridor was demolished in 1980. The proportion of the new front door is taken from Webb's remaining internal door at the end of the corridor that is set within an arched opening.



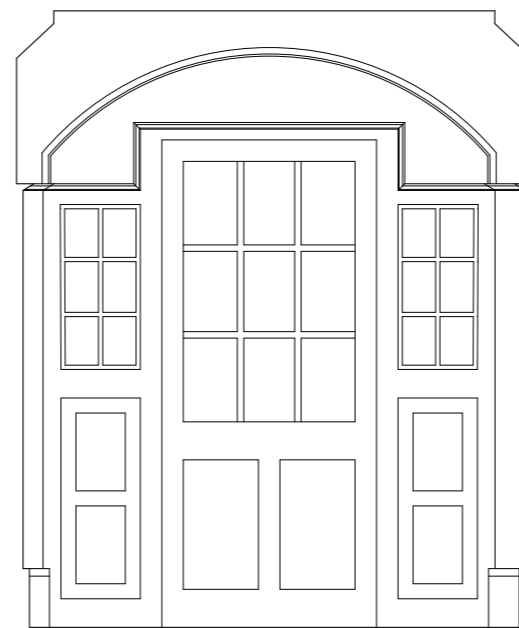
Proposed Plan - New entrance and steps.



External Elevation



External Render



Interior Elevation



design proposal – 1.02 courtyard wall

Site photographs

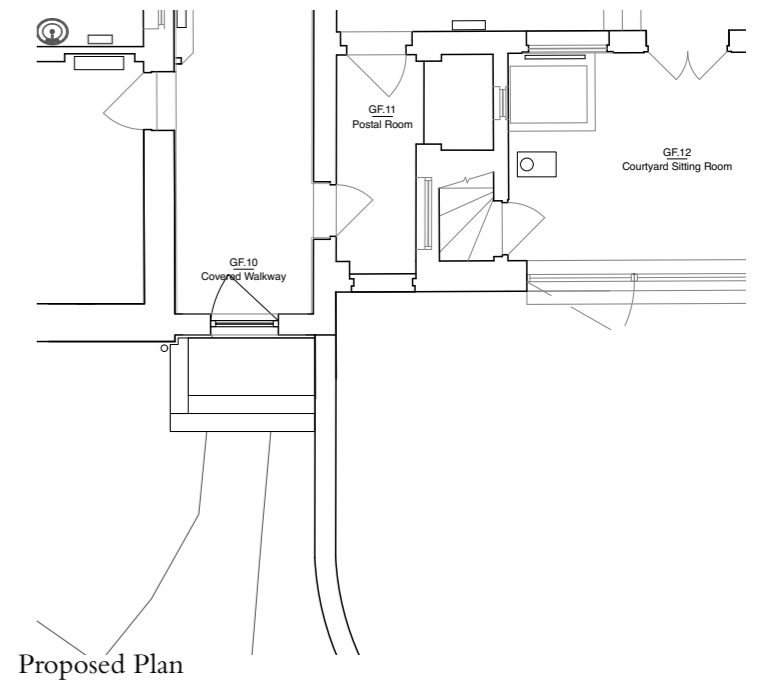


design proposal – 1.02 courtyard wall



Proposed Visual

Remove the current 1980s courtyard brick wall and reconfigure to wall to curve outwardly providing a more open and legible courtyard space. This will also assist and benefit the existing courtyard room for re-purposing as a Sitting Room with a better outlook. The wall is proposed to be built in Beaulieu Buff bricks either reclaimed or purpose made to match the existing brickwork of the existing house.



Proposed Plan

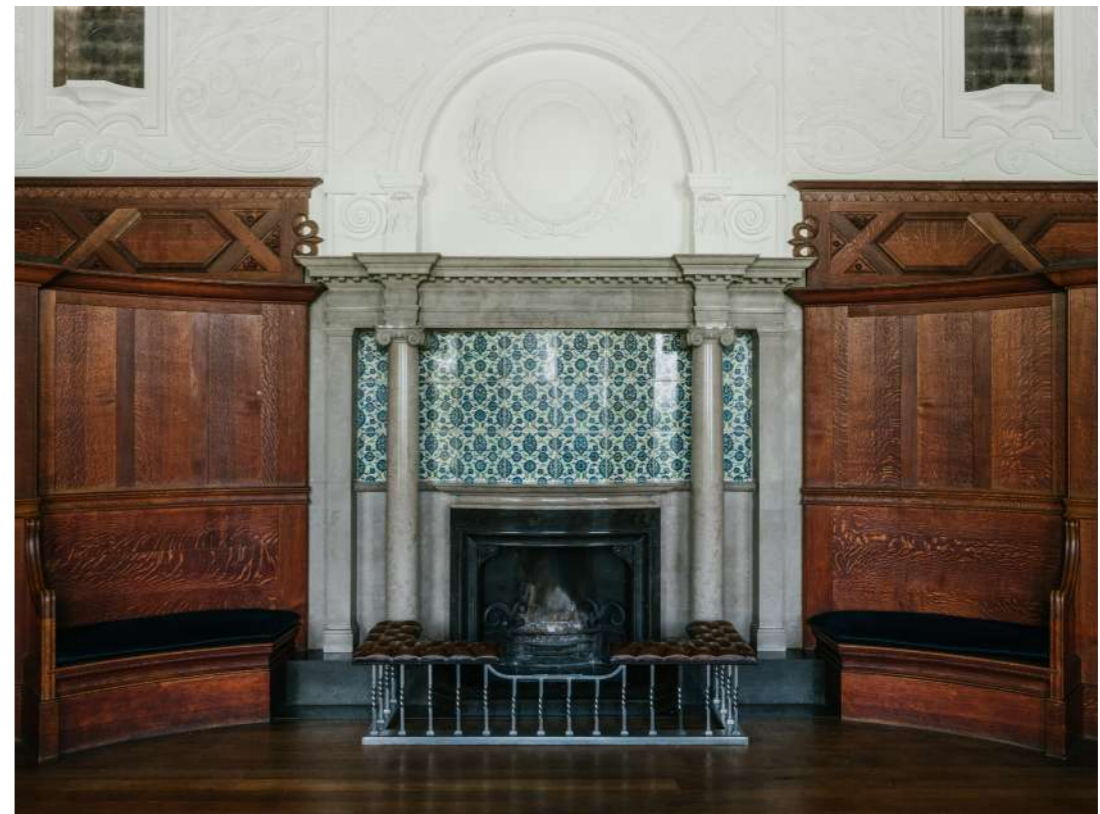




common room

design proposal – 1.03 common room kitchen

Site photographs



design proposal – 1.03 common room kitchen

Design Appraisal

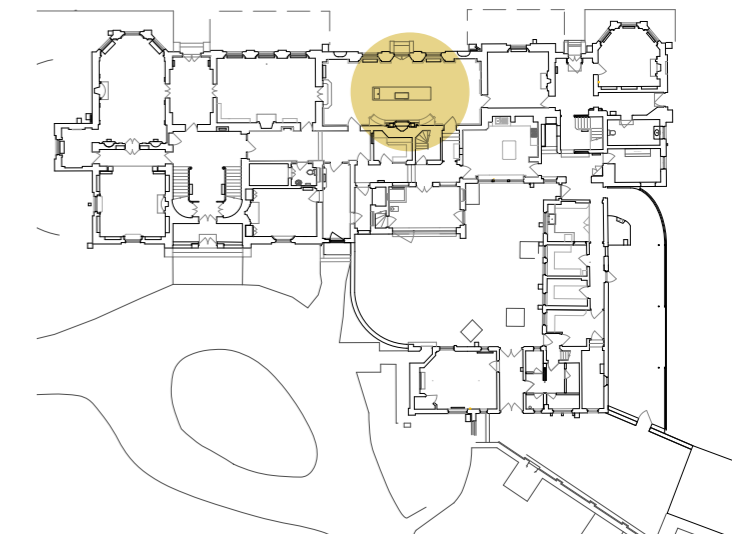


Proposal to install a kitchen island centrally within the Common Room.

The design of the island unit will be a free-standing object detached from any of the existing historical fabric.

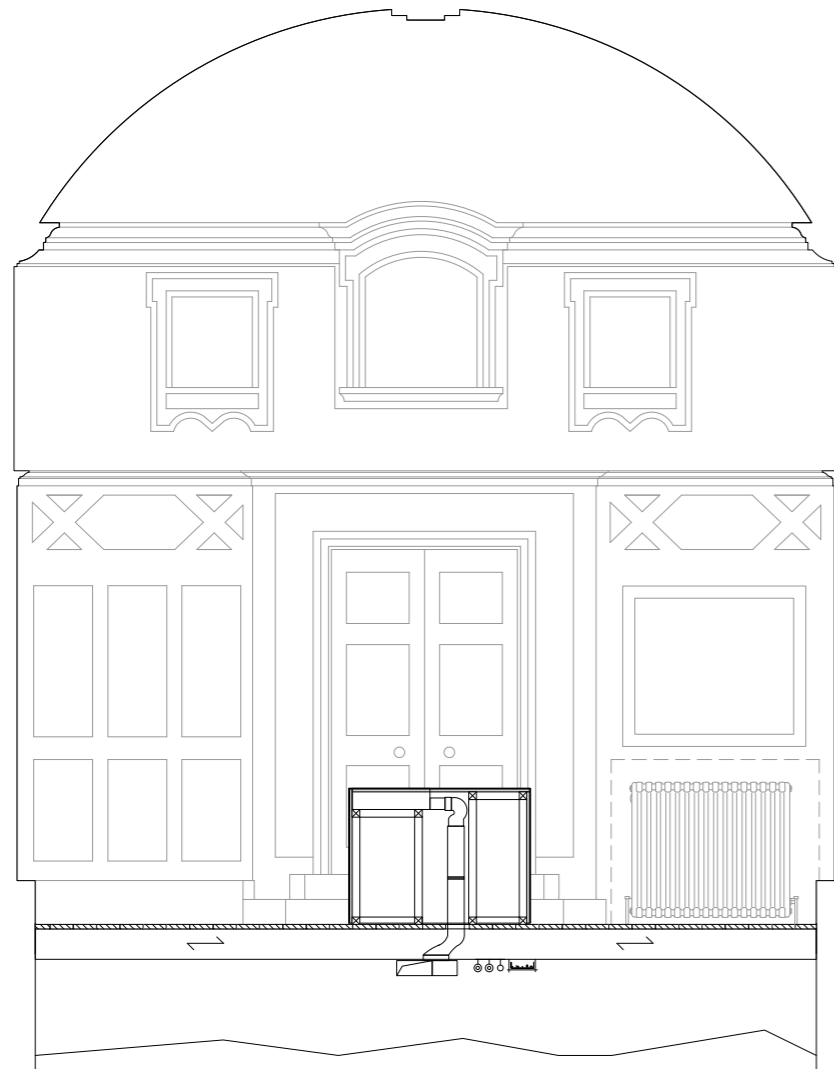
The kitchen is intended for light and occasional family use and not for 'professional' chef duty which will remain a function of the existing service kitchen.

New decorations to the common room ceiling are anticipated including the removal of the recently installed 'Signs of the Zodiac' artwork seen on the previous page.

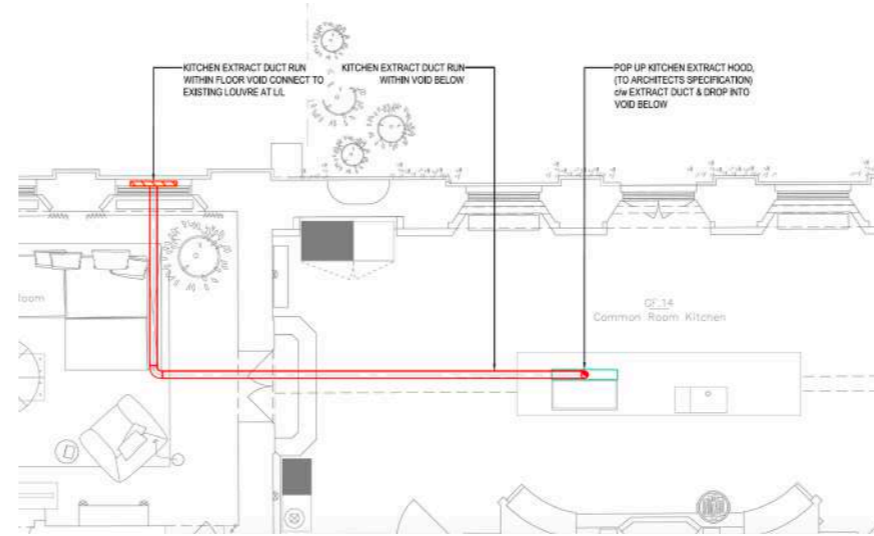


design proposal – 1.03 common room kitchen

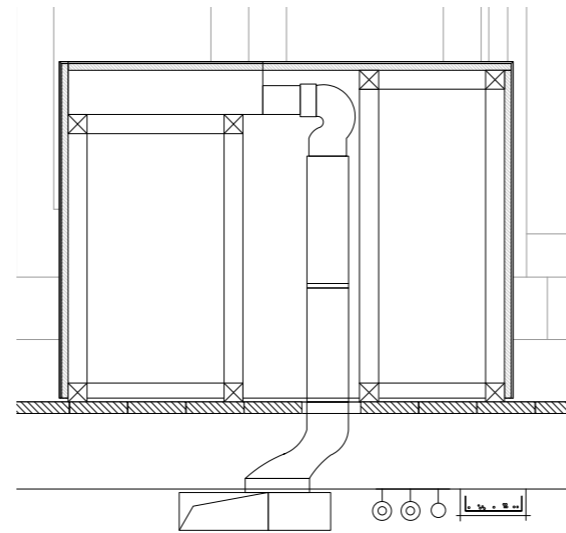
Technical Appraisal - Services



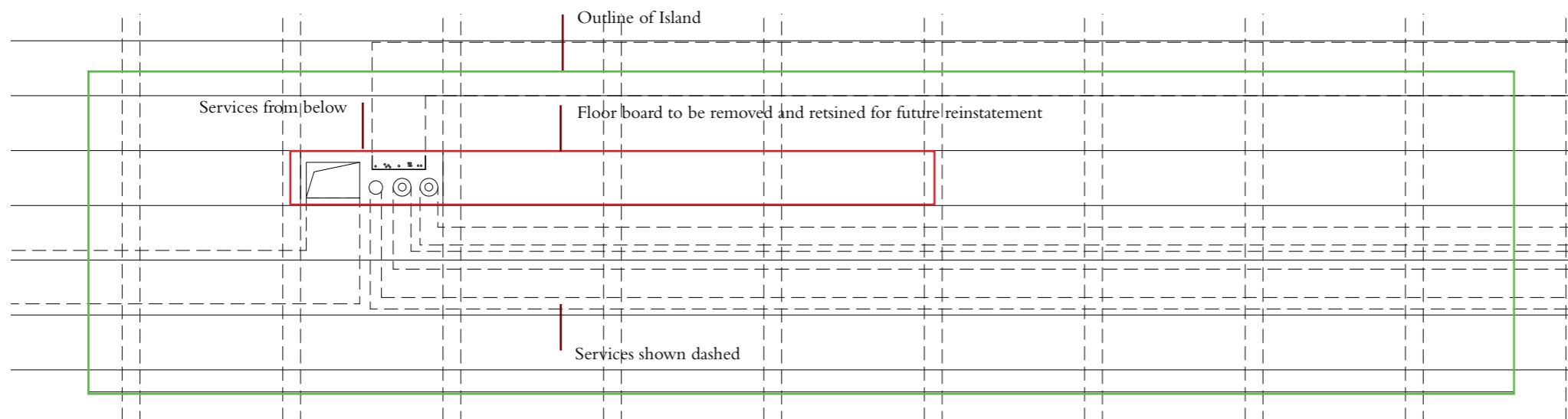
Section



Plan showing services and localised floor boards removed



Detail Section of Island and services from below



A floor board is proposed to be removed to allow services from the basement to pass into the Kitchen Island

The island unit will require electrical and plumbed services to be carefully fed from below within the floor void space to enter beneath. A floor board located beneath the island will be removed (and retained for future replacement if the island is ever removed) to enable the services to be fed from below. The services - including hot and cold water supplies, drainage pipework, electrical supplies and mechanical extract - will run within the floor void below the timber joisted floor void where other service runs for the existing heating system and electrical conduits already exist.

In acknowledgement of the introduction of humidity within a historical timber panelled room, a 'down-draft' mechanical extract system will be located on the kitchen island that will remove moisture and humidity from the space at source. This will be ducted at high level within the basement to the external air vents in existence beneath the adjacent sitting room.

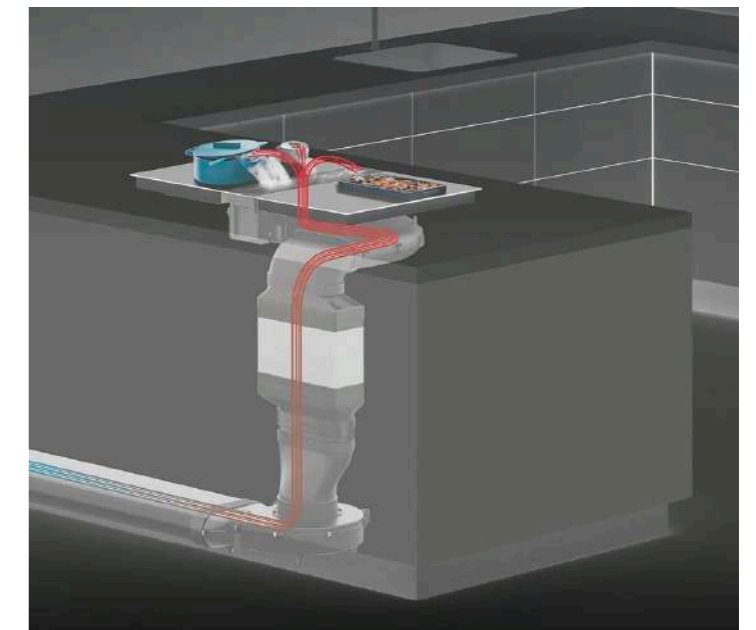


Diagram of Bora ventilation model

design proposal – 1.03 common room kitchen

Technical Appraisal - Lighting



Image of uplit vaulted ceiling with small spot lights to arches and suspended spot lights



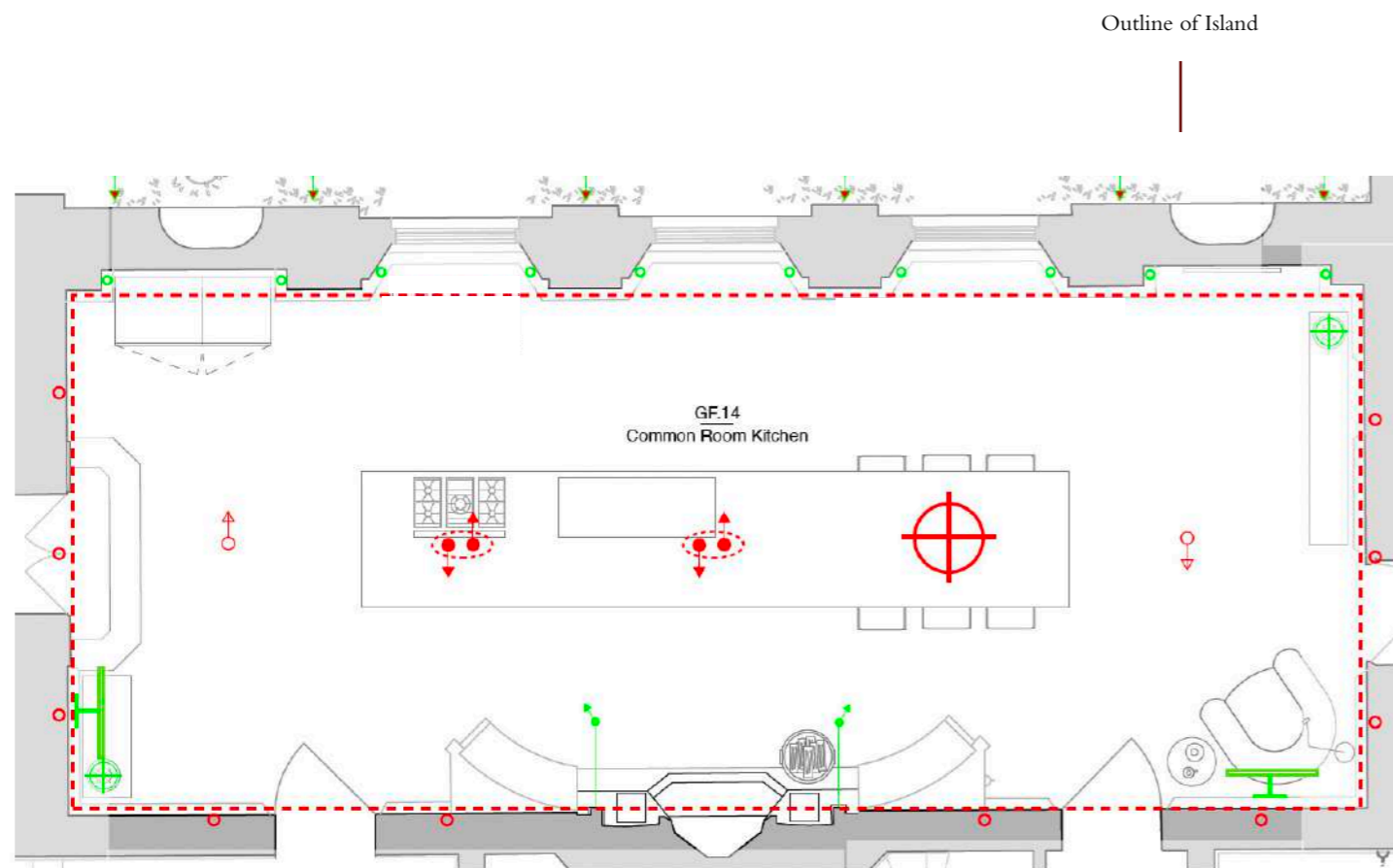
Image of concealed spot lights to uplight arches

Discreet lighting is proposed that will have a minimal visual impact on the common room. The lighting design is intended to pick out the main architectural features in a subtle way without being visually intrusive.

Concealed continuous strip LED's are proposed on top of the existing cornice that will be out of one's visual line of sight. These are intended to uplight the barrel vault ceiling in a consistent and uniform manner.

Small directional spot lights on slim suspended white rods are intended to light the kitchen island and pick out other areas requiring illumination. Their design does not distract from the historic architectural detail.

Inobtrusive spot lights, again out of one's line and mounted on the cornice, are intended to pick out the recessed arch detail above the three windows.



Plan - Proposed discreet lighting



Image of directional suspended spot lights

design proposal – 1.04 new garden access

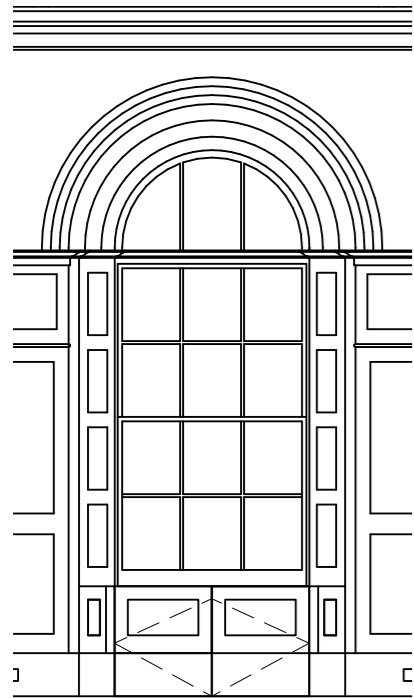
New Garden Access

To access the garden terrace directly from the Common Room by adjustments to the central window opening.

It is proposed to create a pair of shallow doors from the window cill down to floor level with the existing timber sash window to remain intact. Garden access is made viable by opening up the bottom sash to its full height and by opening the pair of doors at low level.

Externally the proposal would involve the removal of a small section of brick wall from the window cill down to the internal ground floor level. Due to the brick reveal detailing the removal of this portion of wall can be made neatly.

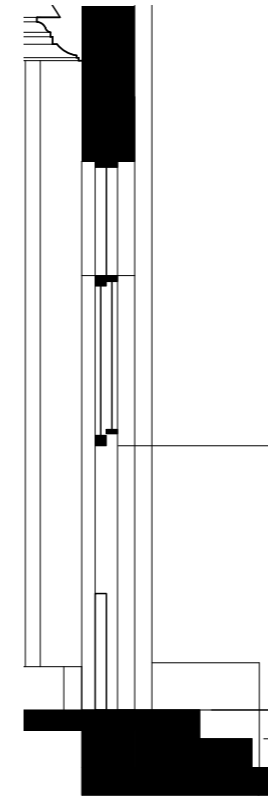
Internally the proposal involves the removal of a small section of timber panelling and skirting from the window cill down to floor level.



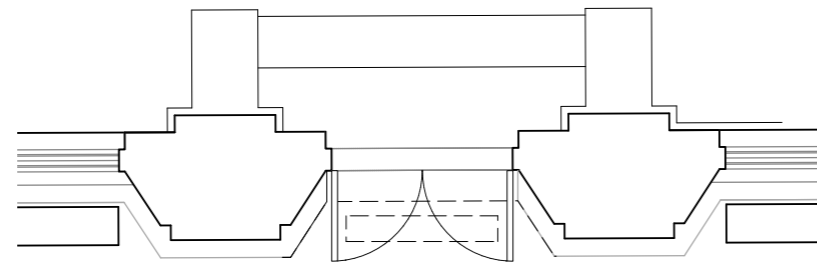
Internal Elevation - Proposed New Door



External Elevation - Proposed New Door



Detail Section through Proposed New Door



Plan - Proposed New Door and Steps



Existing Steps

design proposal – 1.04 new garden access

Sash window with lower door opening - Precedent.
Private House in Ireland



Existing sash window remains.

Inward opening door at low level

courtyard

design proposal – 1.04 courtyard room

Site photographs



design proposal – 1.04 courtyard room

Site photographs

Investigations into resolving damp issues are being carried out.



Internal Views of Courtyard Room



design proposal – 1.04 courtyard sitting room

Repurposing the existing lean-to structure into the Courtyard Sitting Room.

It is proposed to remove a section of the existing 1980s brickwall side wall to install new glazing to allow better natural light and visual connection with the courtyard. Opening up of this elevation will also provide greater visibility of Webb's intricate internal elevation beyond with its arched and leaded windows.

It is also proposed to remove the solid timber pass door on the gable elevation and replace with a metal glazed door.

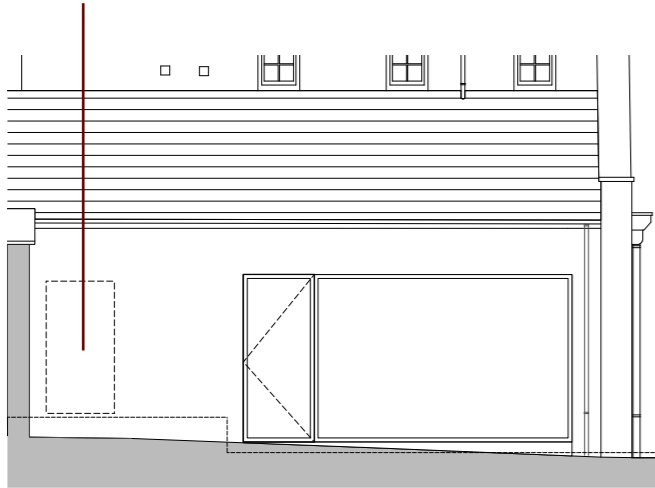


Existing Courtyard Sitting Room Elevation.



Proposed Visual

Block up 1980s opening



Proposed Courtyard Sitting Room Elevation.





design proposal – 1.05 courtyard studio facade opening

Site photographs



Photograph of service courtyard elevation

Existing Webb opening concealed behind this section of modern render

Blocked up arch to be opened up and glazed door to be installed.

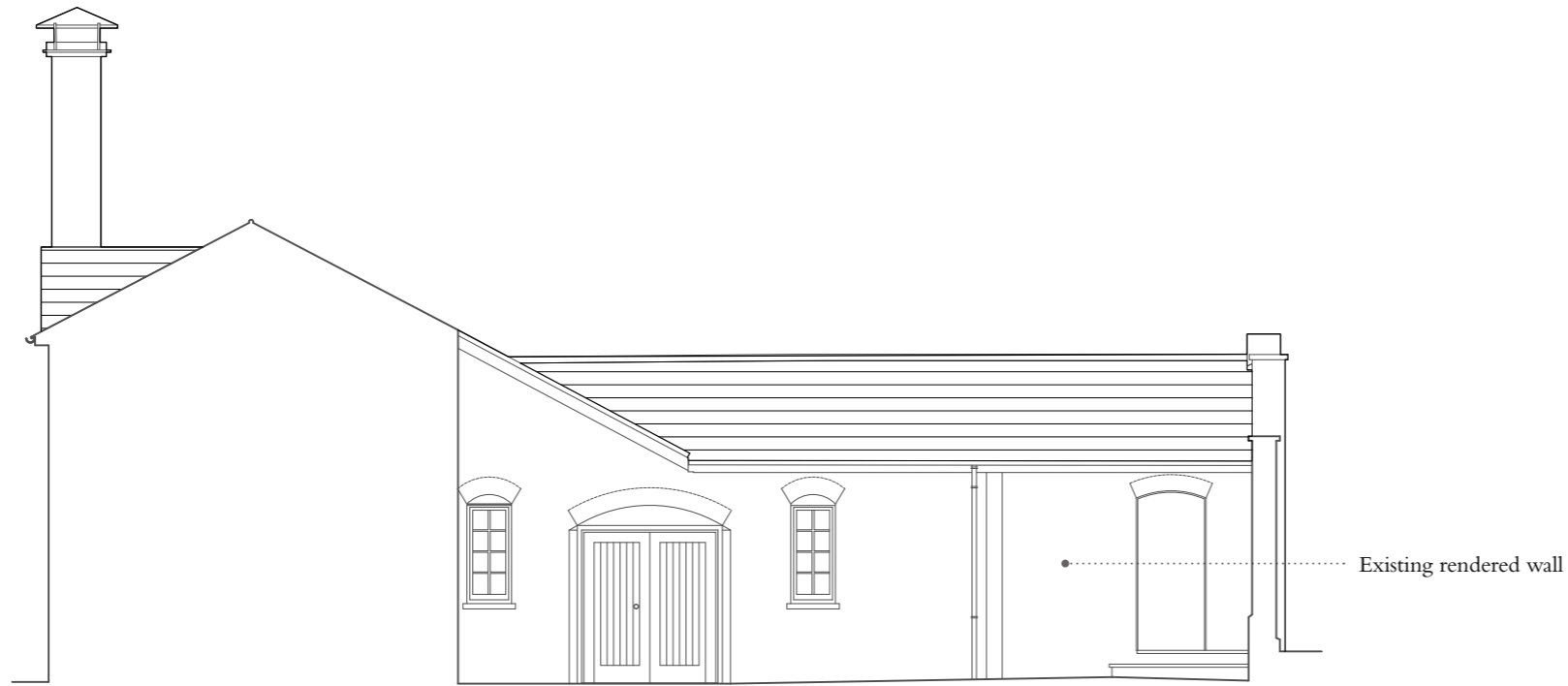


Photograph of internal courtyard room

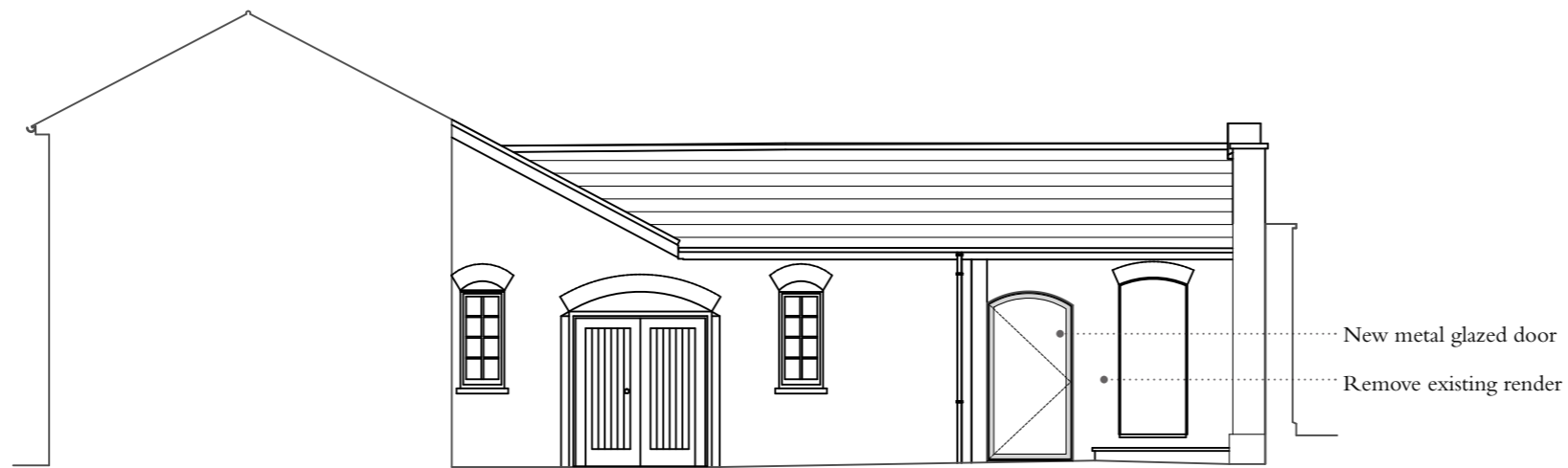
design proposal – 1.05 courtyard room facade opening

Re-appropriate the courtyard Occasional Room to a Studio Room with better visual connectivity to the courtyard.

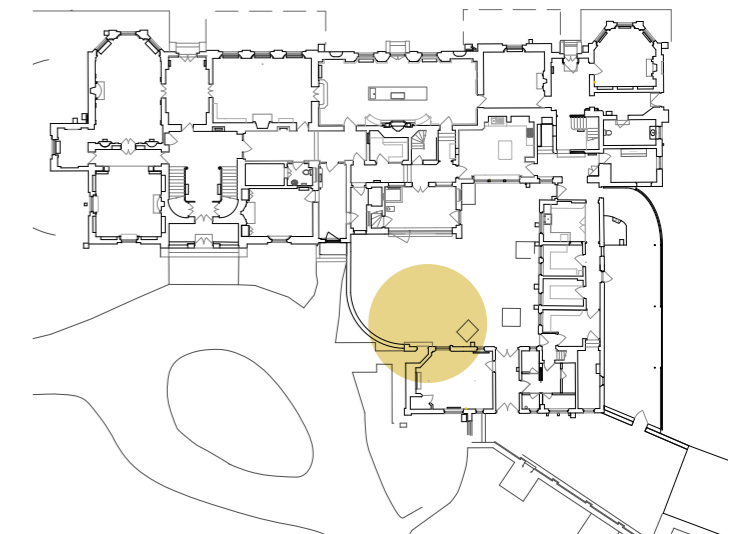
The proposal is to re-instate a blocked-up doorway (part of the demolished Webb servants' quarters) with a contemporary glass door. The original arched doorway is visible from within the room and externally has applied modern rough cast render that we propose to remove to expose the original opening.



Existing Courtyard Elevation. Scale 1:100



Proposed Courtyard Elevation indicating new opening Scale 1:100



circulation and
bulkead services

design proposal – 1.09 lobby area

Site photographs

It is proposed to create a new opening within an existing timber clad masonry wall to improve circulation and visual connectivity from the original house to the proposed Garden Room extension (item 1.10).

Existing timber panelling to the stair side will be carefully removed and set aside and retained on site. The opening will be designed carefully with our structural engineer to ensure the existing stair landing above remains adequately supported.

An existing Webb dresser cabinet, currently set against the wall on the lobby side is to be removed and carefully relocated to the adjacent house manager's office.



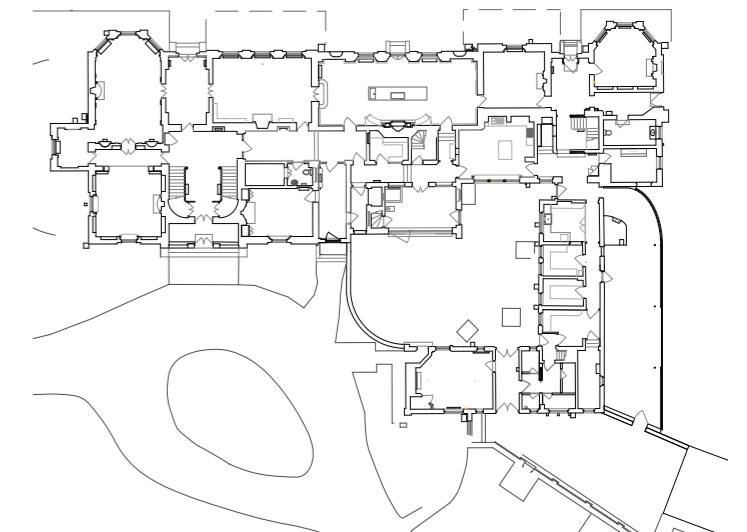
Existing internal panelling to be removed and new sliding screen installed to match the detail of the adjacent sliding screen facing the garden lobby.



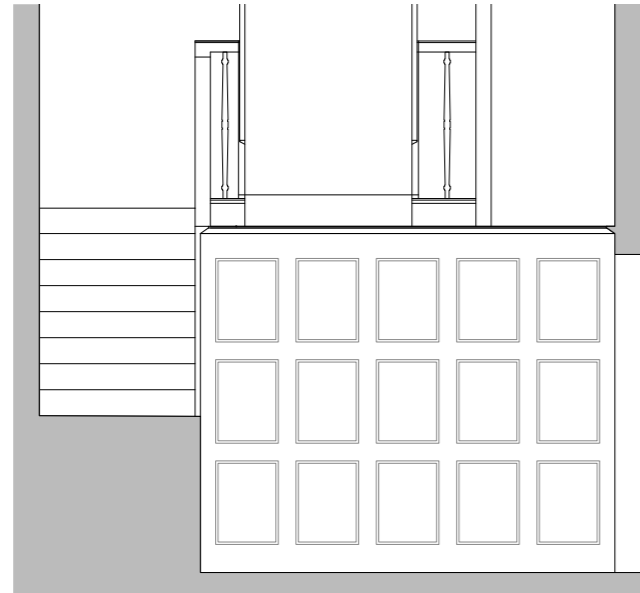
Adjacent sliding screen facing the garden lobby.



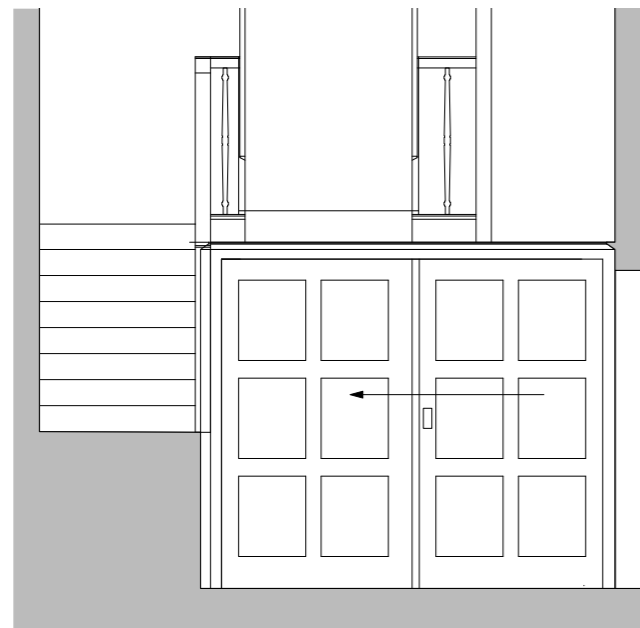
Existing Webb dresser to be carefully relocated in adjacent House Manager's office.



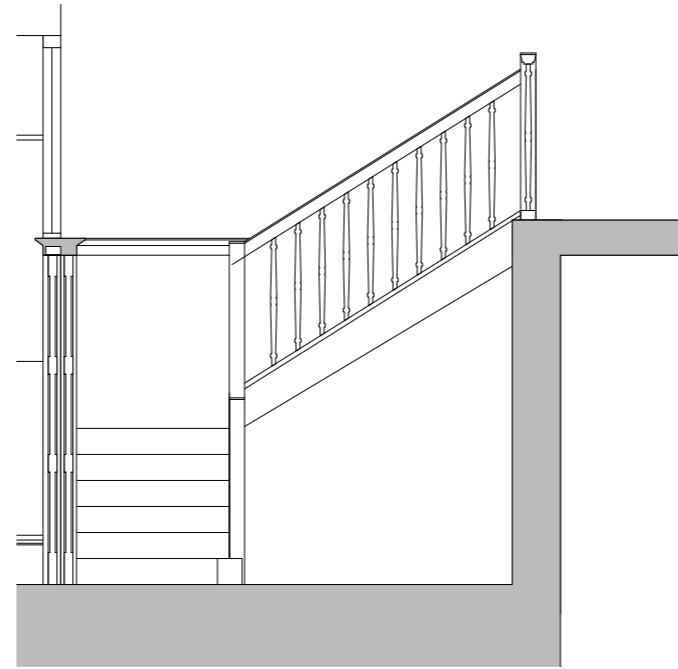
design proposal – 1.09 lobby area



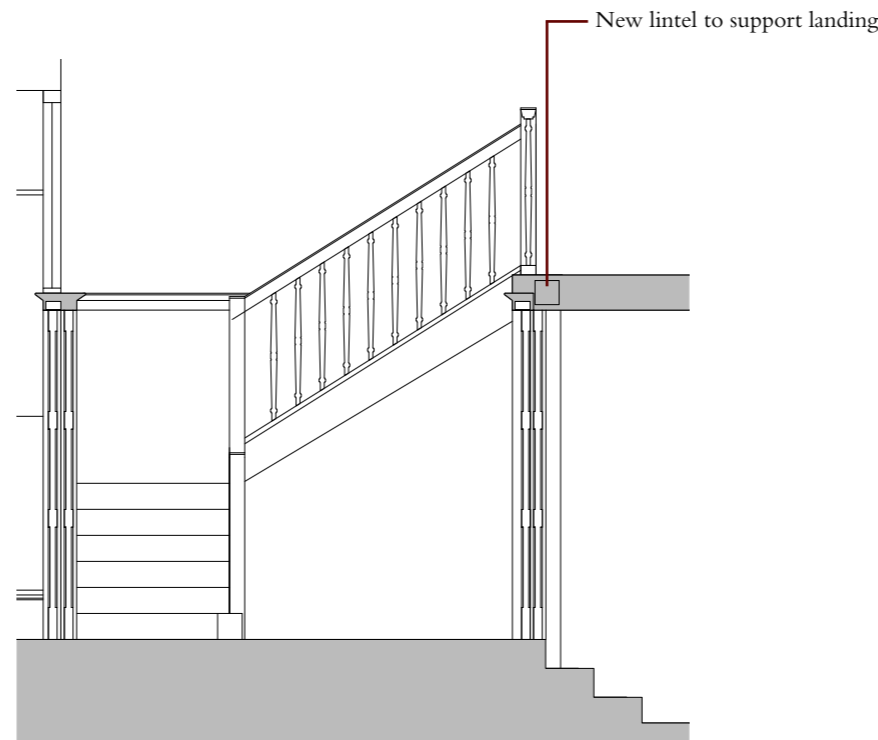
Existing Internal Elevation.



Proposed Internal Elevation.



Existing Section.

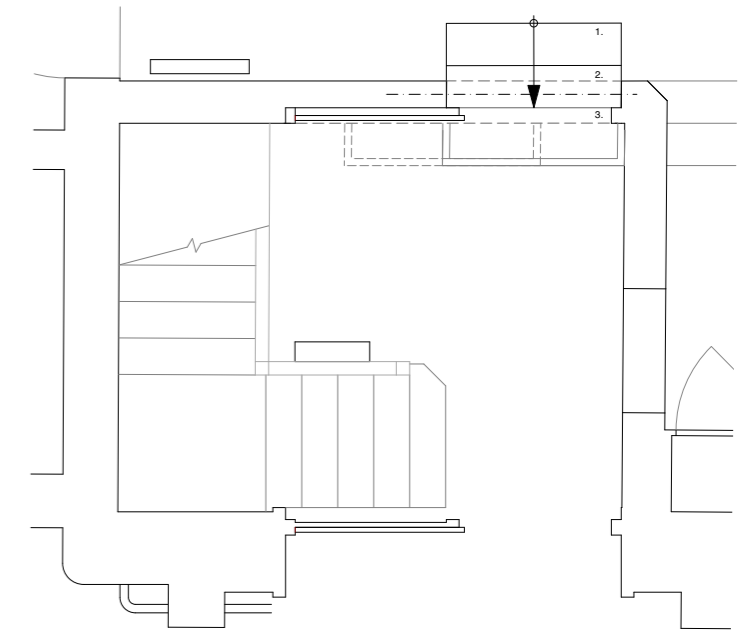


Proposed Section.

The proposed timber panelling and sliding door replicates the proportion and detail of the adjacent sliding door.

The existing hearth stone in the floor, thought to be a plinth for a radiator (now removed) and the parquet floor detail are to be adjusted to accommodate the new opening.

New steps are required to reconcile the change in level and it is proposed these be in matching large scale stone format.



Proposed Plan



design proposal – 1.10 services bulkhead

Site photographs

Current T&G boxing of services



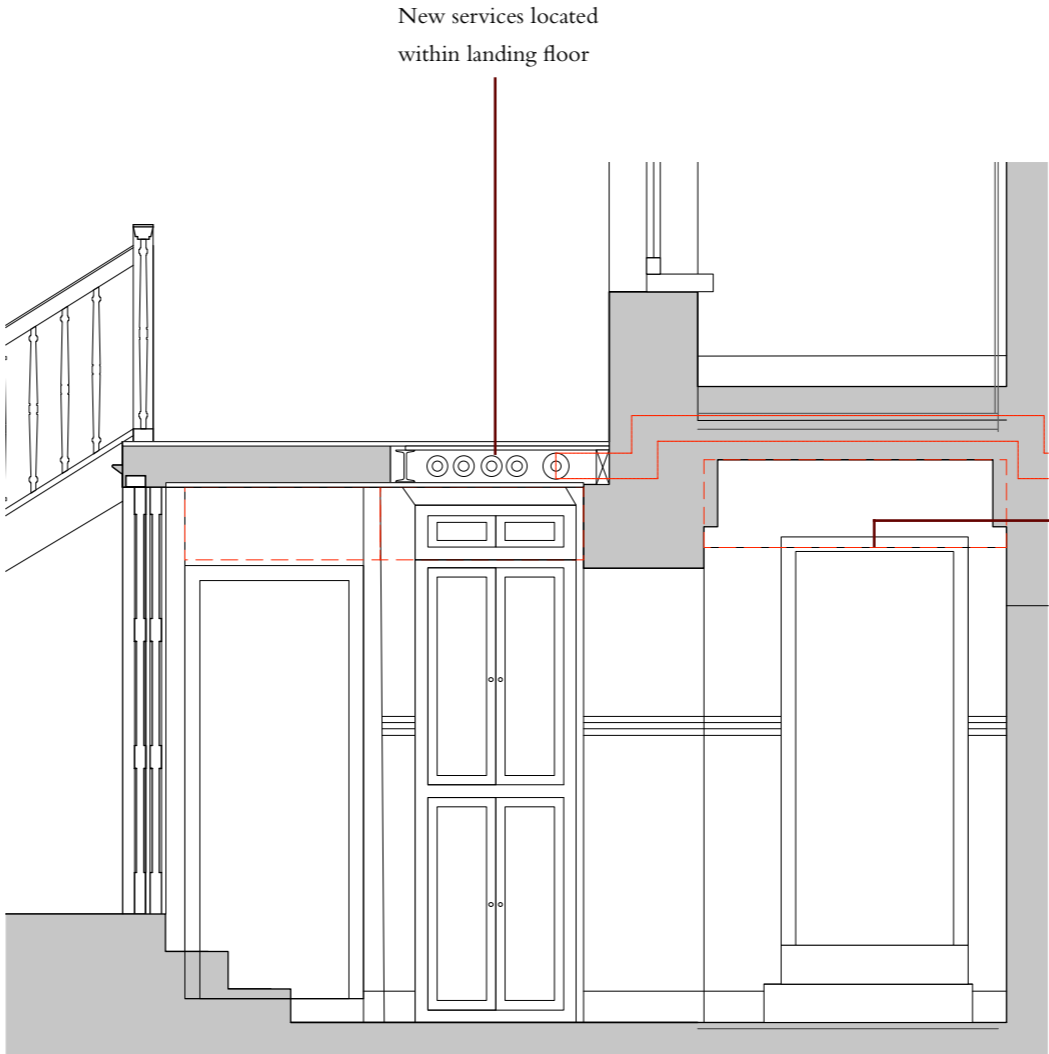
design proposal – 1.10A services bulkhead

Current T&G boxing of services



Existing Photograph of Lobby Area

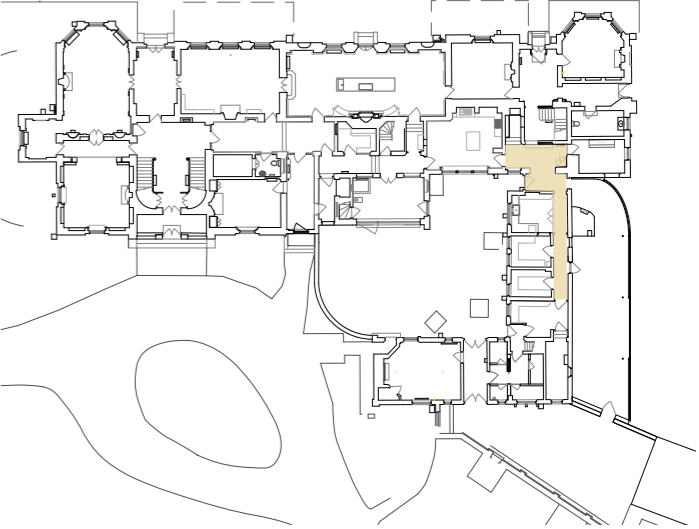
New services located within landing floor



Proposed Section

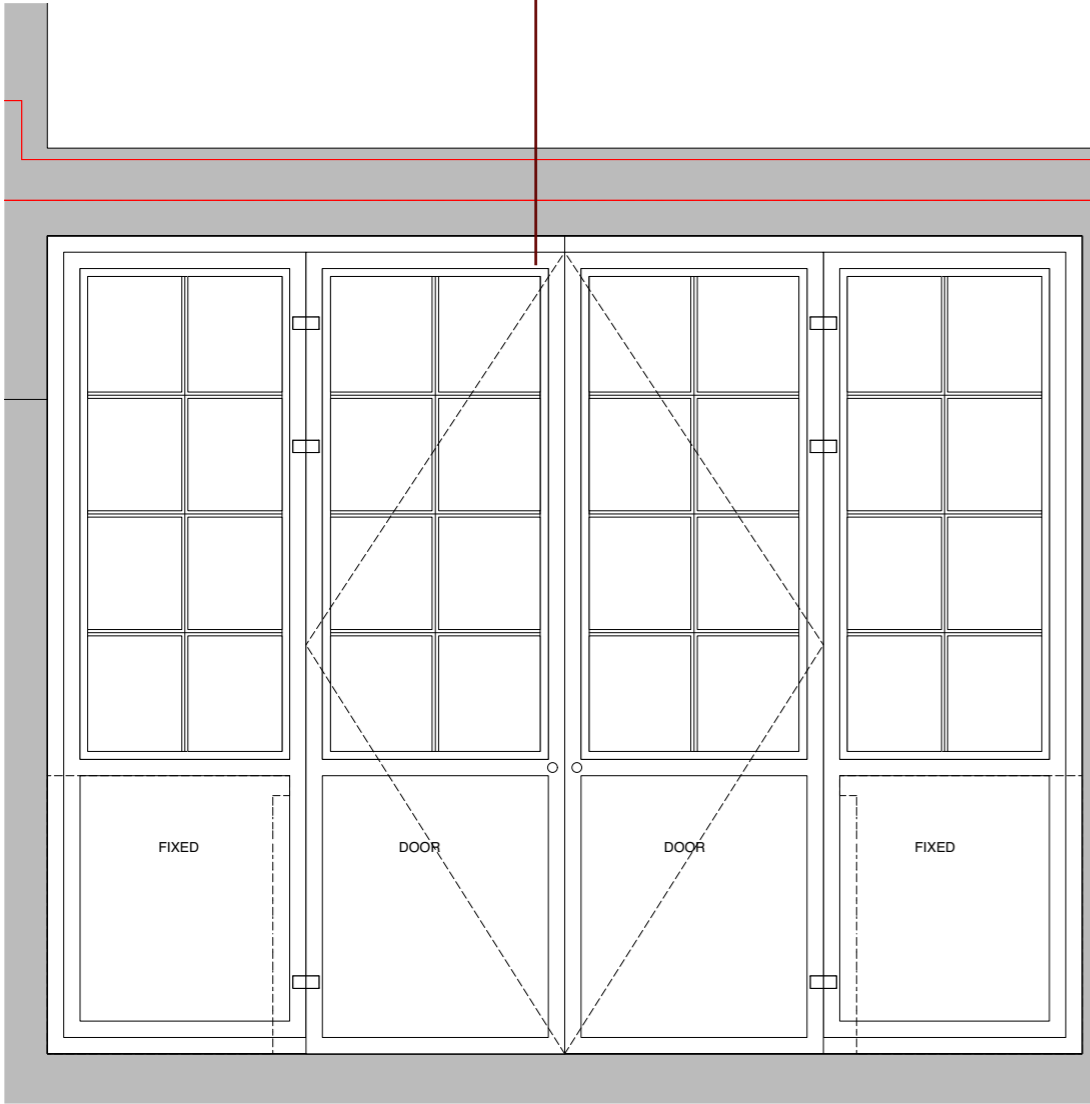
The current services bulkhead is quite deep and impedes the lobby area ceiling height. It is proposed to redistribute the services over a wider area in an effort to make a shallower dropped ceiling and to preserve a better ceiling height and profile.

Existing services bulkhead (indicated in red)

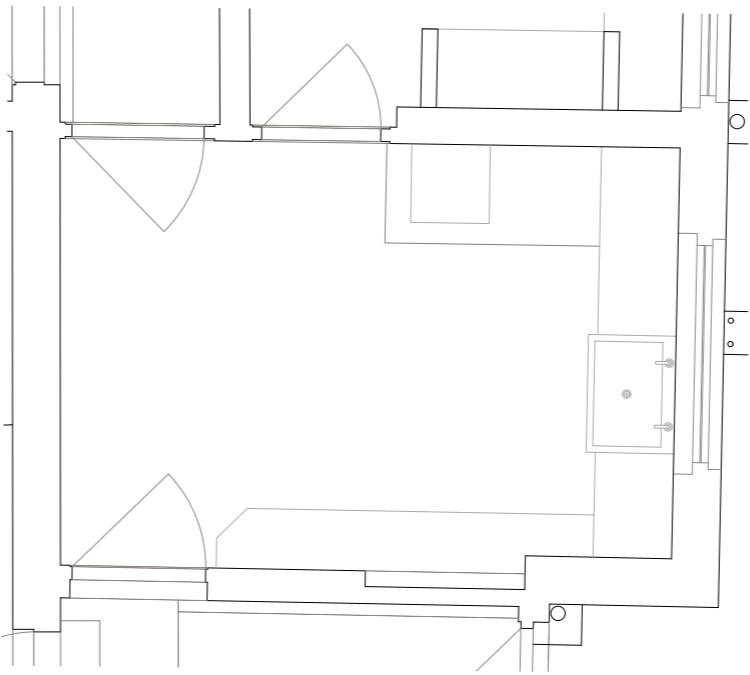


design proposal – 1.10B glazed screen to service room

New painted timber glazed screen and opening doors

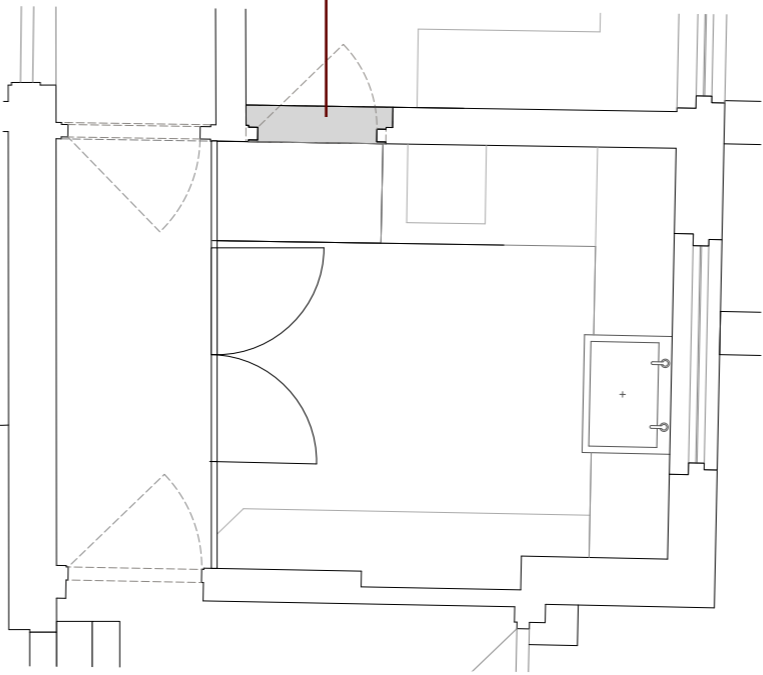


Proposed Elevation



Existing Plan

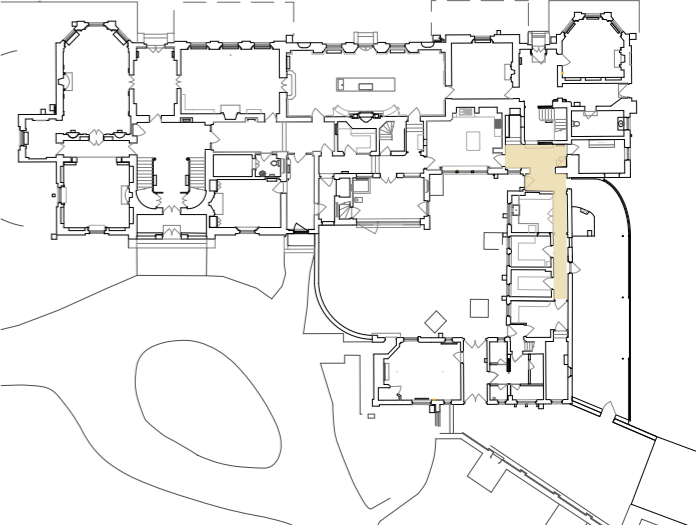
Infilled existing doorway



Proposed Plan

Currently the Service Room (GF:24) is open to the Service Corridor and it is intended to insert a timber glazed screen to separate the two spaces but allowing a visual connection.

This allows the service corridor to become a clearly defined route to the proposed Garden Room.



bread oven and garden room

design proposal – 1.11 bread oven



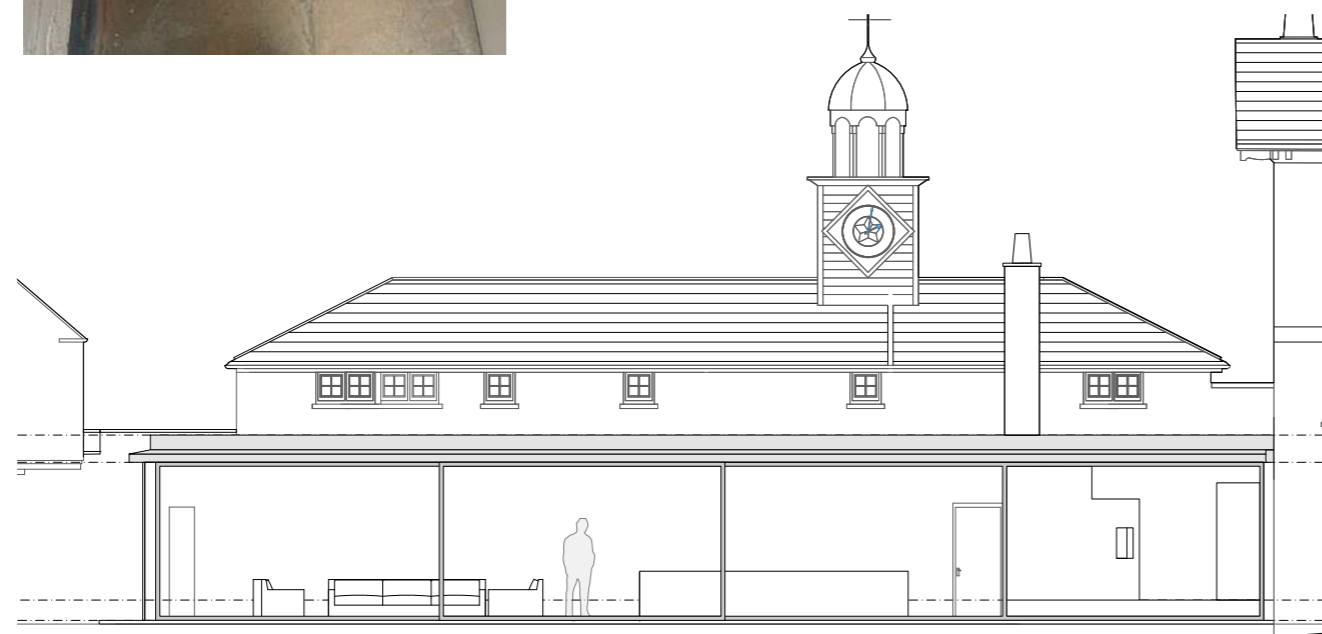
Existing Photographs of the Bread Oven Area.

The bread oven room is proposed to become the entry point of the Garden Room extension (item 1.12). It is proposed to retain and refurbish the existing bread oven to working order and to preserve the surrounding stone flag floor in-situ.

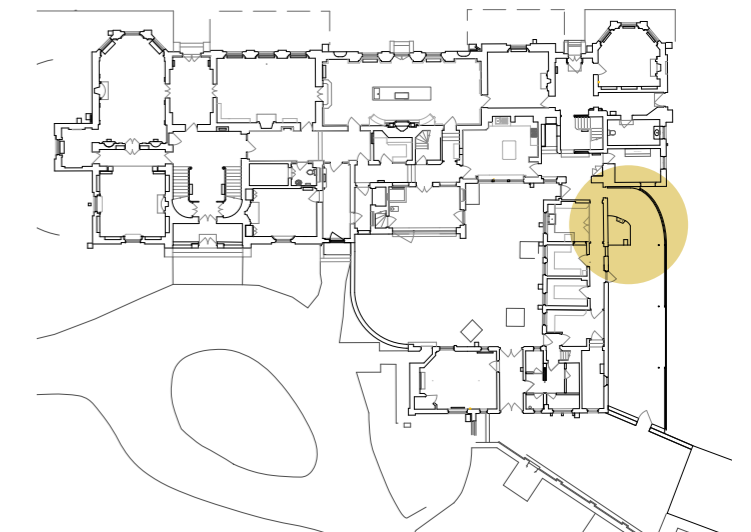
It is proposed the bread oven is reconditioned and put back into working order.

The works to refurbish the oven will include opening the ash pit at floor level (currently bricked in) and the removal of the boarding to the top opening.

The remaining brick chimney (terminated at roof level) will be structurally assessed and extended vertically through the new roof to vent outside. The height and termination point of the flue shall be in accordance with the appropriate Building Regulations Part J requirements.



Proposed South West Elevation



design proposal – 1.11 bread oven enclosure

Site photographs - Subsidence

It is worth pointing out that the existing bread oven enclosure shows signs of subsidence and it is proposed to remove this utilitarian lean-to structure.

Please see the heritage statement for more details regarding the various changes that have occurred to this structure. This includes the asbestos sheeting panels attached to the roof and the insertion of the unsympathetic roof light.



Lean-To Existing structure showing signs of subsidence.



design proposal – 1.12 garden room

Design Narrative



The construction of a Garden Room extension along the northeast boundary of the walled garden would benefit from the south western aspect, the connection to the garden and due to its raised vantage point longer views towards to the landscape beyond. The proposal reappropriates the disused bread oven and its surrounding flag stone floor as the main point of entry into the extension.

The use of contemporary large format glass and steel framed glazing is intended to maximise uninterrupted views out into the landscape and transparency looking from the garden back towards the extension. The introduction of a continuous roof light where the new flat roof meets the existing brick wall is intended to illuminate and highlight the existing brick wall preserved with its rich texture of planted patina.

Of note is a historical map dated between 1873 - 1888 that indicates a glass house in this location within the wall garden .

This item relates to and is dependant also on items 1.10. New Opening to Service Lobby area and 1.11 Bread Oven Room.



Historic Drawing Dated 1873-1888
Glass pavilion originally located within the walled garden.

design proposal – 1.12 garden room

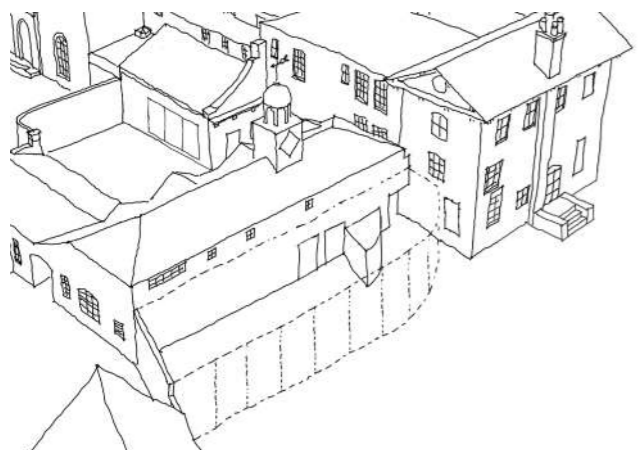
Site photographs



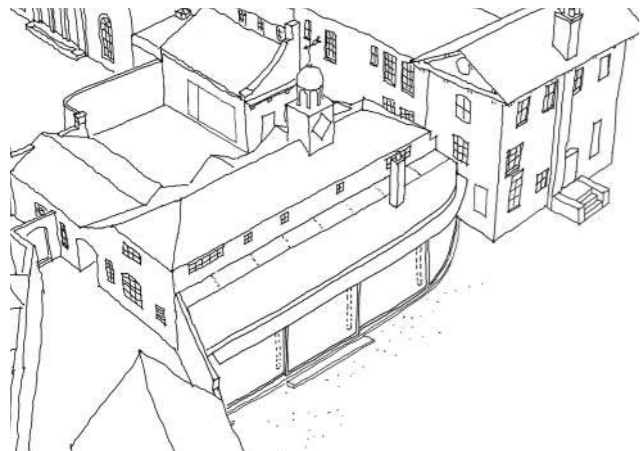
design proposal – 1.12 garden room



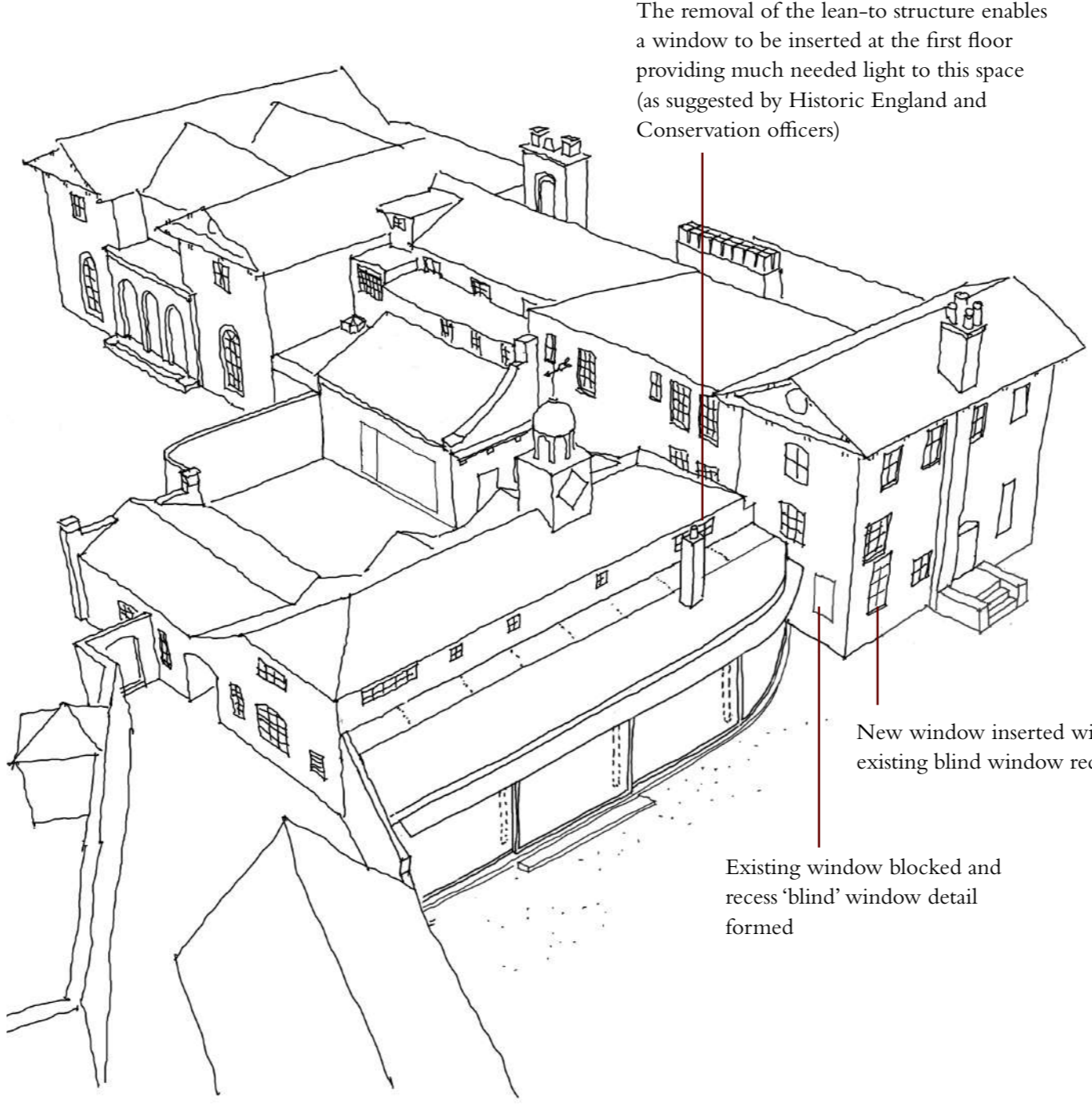
1. Existing condition.



2. The existing lean-to structure is removed revealing the historical bread oven



3. The new structure wraps around the historical bread oven and is entirely modern.



The removal of the lean-to structure enables a window to be inserted at the first floor providing much needed light to this space (as suggested by Historic England and Conservation officers)

New window inserted within existing blind window recess

Existing window blocked and recess 'blind' window detail formed

The bread oven is retained and refurbished to working condition, and the lean-to structure replaced by a glass wall curving around the historic bread oven which then straightens to become parallel to the garden wall forming the new enclosure.

The shape of the curve takes as its reference point the geometry of the bread oven. The door to the bread oven room becomes the entrance to the proposed Garden Room - the curved glass enclosure leads the eye out into the Kitchen Garden.

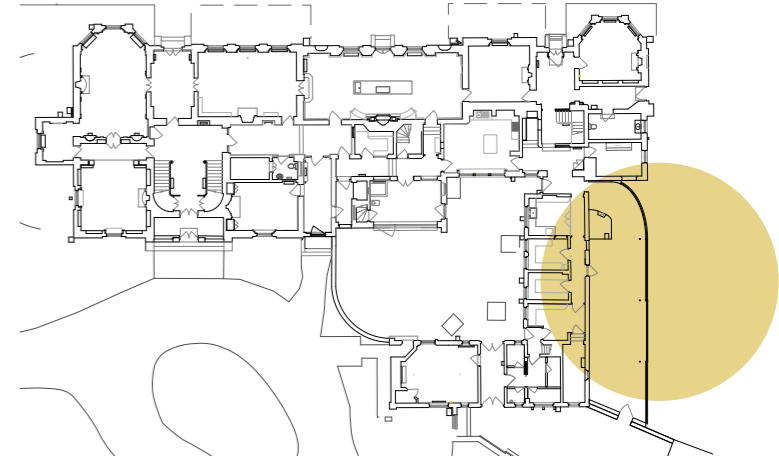
The proposal is contemporary in design terms and seeks to add another layer to the historic built context creating a new dialogue between new and existing.

Historically, the area of the service wing has undergone several changes as functions of these spaces evolve. This high-quality contemporary design will enhance this facade and become a statement piece of architecture reflecting modern day open plan living. At the same time it celebrates the past through the improved legibility of the bread oven.

The glazed facade aligns with the adjacent south west facade of the main house. The kitchen garden wall will be replaced and raised in height slightly (which is seen as an enhancement) - this ensures the new addition cannot be seen from the courtyard outside the Estate Office, in line with Officers request.

An additional window to the upper floor is facilitated by the removal of the lean-to. The existing flag stone floor is to remain and outlines to presence of the previous structure. The proposed design is a comprehensive scheme, whereas the hybrid option of retaining the lean-to was less successful in design terms.

The current proposals provide the best mechanism to bring the bread oven back into use, which was not utilised very much probably owing to the awkward shaped room, with limited space to prepare bread.





Elevational perspective



Axonometric



Oblique perspective



Internal view to courtyard wall



Internal view toward bread oven

design proposal – 1.12 garden room

Raise garden wall

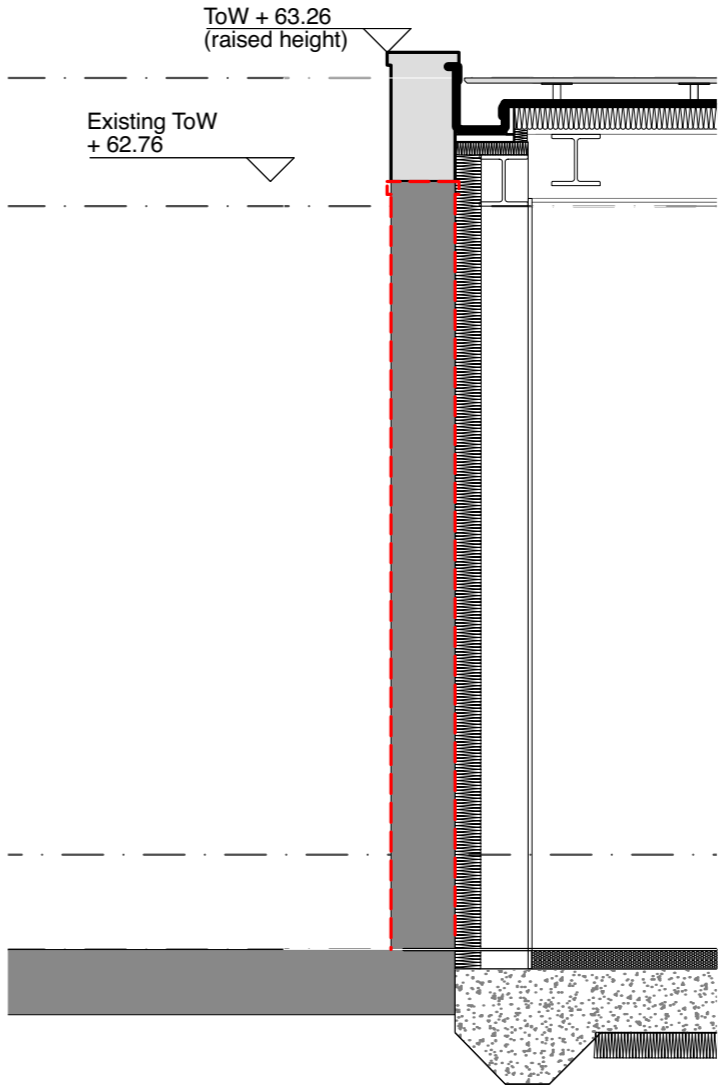
The garden wall adjacent to the Estate Office is to be raised slightly.

Currently the brickwork to this wall has been infilled with 1980s bricks that do not match the original bricks towards the outside and lower sections of the wall. It is intended to remove this section of wall and rebuild in a more sympathetic matching brick to the original service wing.

The wall is to be raised so that the new extension cannot be seen from this view.



View of extended garden wall viewed from Estate Office side



Section through extended garden wall

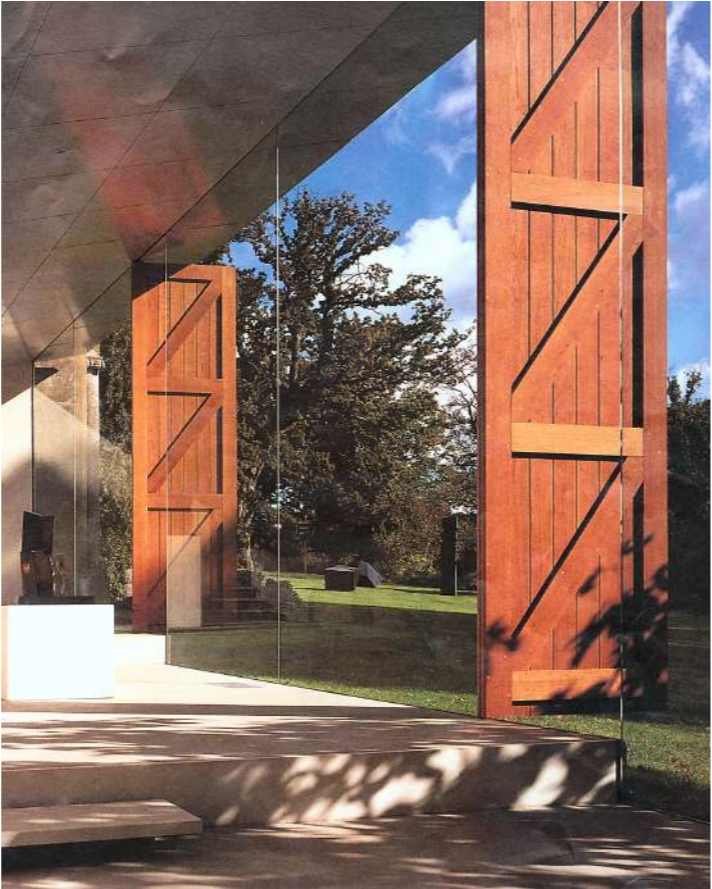


Photo showing another example where the garden wall has been raised

design proposal – 1.12 garden room

Design Precedents - Roche Court

Roche Court, nr. Salisbury, Wilshire - an example of a Regency grade 2* house of c. 1805 with a modern architectural extension



Roche Court by Stephen Marshall Architects

design proposal – 1.12 garden room

Design Precedents - Maarten Van Severen

Maarten Van Severen – a modern kitchen pavilion set alongside a Victorian era house in Duerle, Belgium.



Boxy Kitchen Pavilion by Maarten Van Severen



design proposal – 1.12 garden room

Design Precedents - Dan Graham

Artist Dan Graham - Curved glass pavilion located within a landscape setting - relevant for the simple and elegant quality of glass and metal frame.

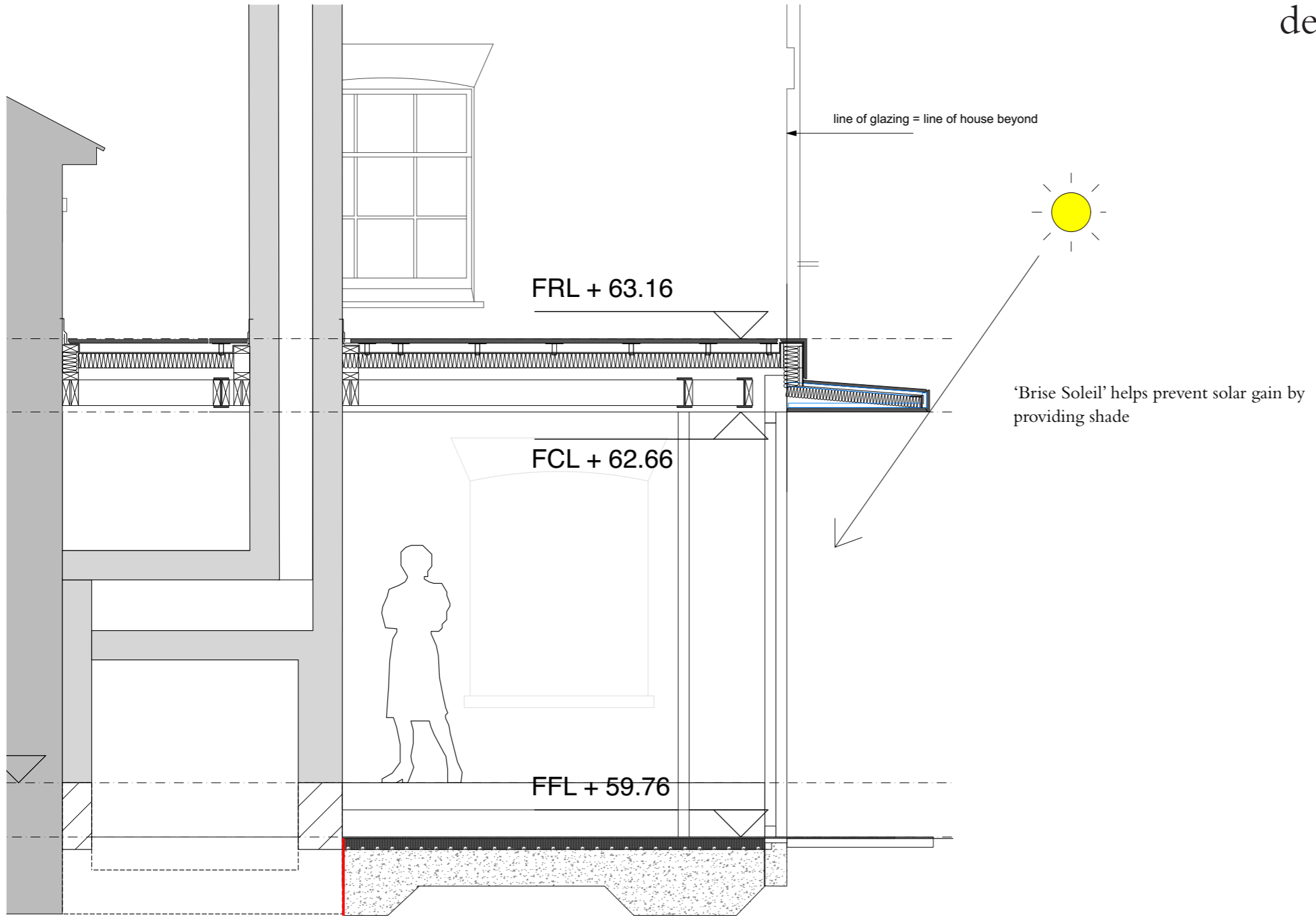


Fondazione Zegna, Trivero by Dan Graham



design proposal – 1.12 garden room

Structural Design Strategy and 'Brise Soleil'



The structural design proposes to create the external envelop in the most efficient way.

Along the line of the glazed facade 3 no. elegantly slim steel columns are centred on the line of the glazing verticals.

The columns support the primary beams that span onto the existing brick wall which are set onto natural padstones.

This detail takes its cue from and references the surrounding structure of the bread oven which spans onto the existing service wing. It is also how Webb spanned roof rafters onto padstones in other areas of the house as seen in the Courtyard Room.

The 'Brise Soleil' cantilever detail helps prevent solar gain by providing shade.



Proposed Section - Garden Room