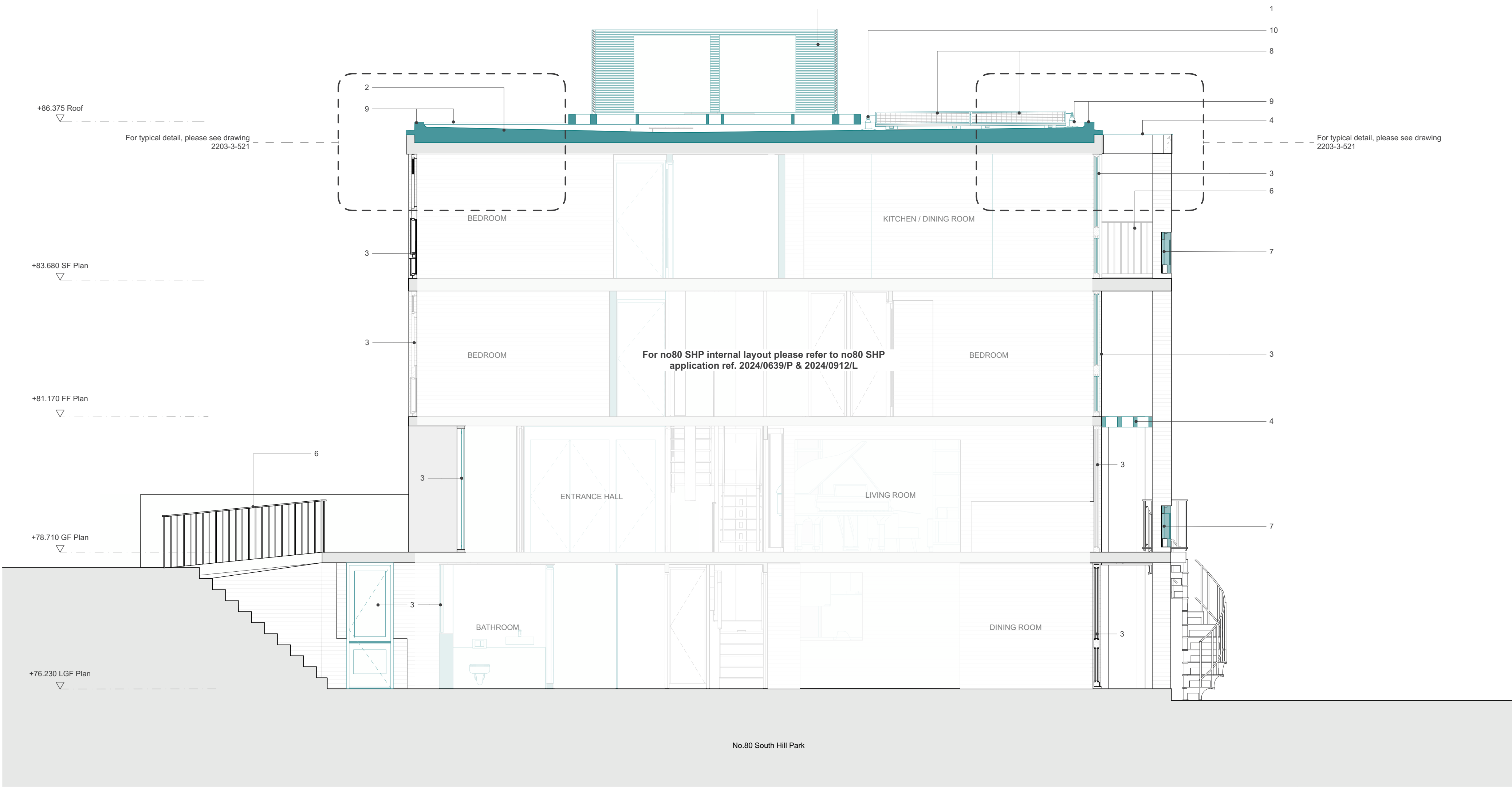


Appendix 2

Proposed drawings



202 No80 to No90 South Hill Park - Section B - Proposed Section through no80 SHP 1:50

Key

Existing

Proposed

1. New Air Source Heat Pumps concealed behind metal acoustic louvered enclosure, on new metal structure decoupled from existing roof
See also Structural Engineer details. Louvred enclosures to be PPC RAL7044

2. New roof build-up insulated to achieve U-Value of 0.15 W/M²K in line with current Building Regulations requirements. Waterproofing to match existing

3. New hardwood timber framed windows to match original design from 1950s, to improve the existing thermal building performances to current Building Regulation standards

4. Protective metal capping to rear concrete beams to match roof edge flashing

5. Existing rotten brise soleis reinstated with new to match

6. Existing metal railing refurbished

7. Original terrace balustrades reinstated to match original design

8. Roof mounted solar panels set at 10degree angle

9. New roof perimeter upstand and flashing to accommodate for new roof build up

10. Mansafe system for safe roof access and maintenance

Note: for the internal layout of no80 SHP, refer to no80 application ref. 2024/0639/P & 2024/0912/L

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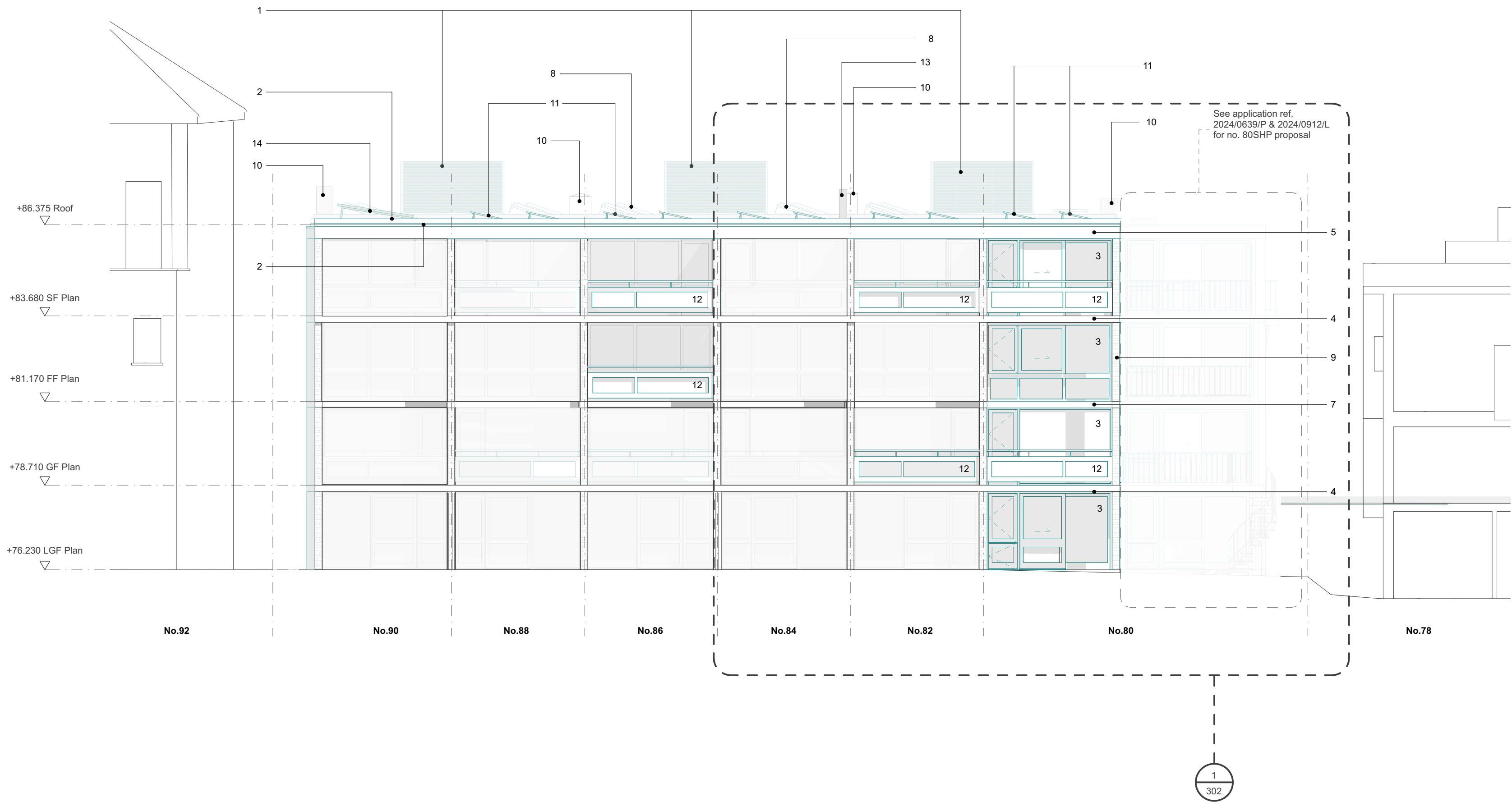
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0 0.5 1 2m

Rev.	Date:	Description

Project: 2203 South Hill Park Terrace
Client: No80 to No90 South Hill Park
Drawing: Section B - Proposed
Section through no80 SHP
Drawing no: 2203-3-202
Rev: Status: Stage 3
Scale: 1:50@A2 Date: 08/03/2024

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304

No80 to 90 SHP - Proposed Rear Terrace Elevation in Context

1:100

Key

Existing

Proposed

Note: No works proposed to greyed out areas (no82 to no90SHP) other than masonry / concrete repairs. Greyed out areas along rear elevation (no82 to no90SHP) not surveyed

For more information regarding works to no80 SHP side extension please refer to specific application ref. 2024/0639/P & 2024/0912/L

1. New metal acoustic louvered enclosure to ASHPs, to be PPC RAL7044

2. New roof parapet to accommodate for the new increased roof build-up to achieve U-Value of 0.15 W/M²K in line with current Building Regulation requirements

3. New hardwood timber framed windows to match original design from 1950s, to improve the existing thermal building performances

4. Existing concrete slab with matching concrete repair mortar as required

5. Existing concrete ring beam repaired with matching concrete repair mortar as required

6. Protective metal capping to rear concrete beams to match roof edge flashing

7. New timber brise soleis reinstated to match existing

8. New rooflight

9. Exposed brickwork repaired/ repointed with matching bricks/ mortar as required

10. Existing flue stack refurbished/ repointed

11. New solar panels set at minimum angle (10deg)

12. Original timber balustrade design reinstated

13. Existing stainless steel flues retained

14. Existing solar panels retained at no90 SHP

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1

2

3m

Rev.	Date:	Description

Project: 2203 South Hill Park Terrace

Client: No80 to No90 South Hill Park

Drawing: No80 to 90 SHP - Proposed Rear Terrace Elevation in Context

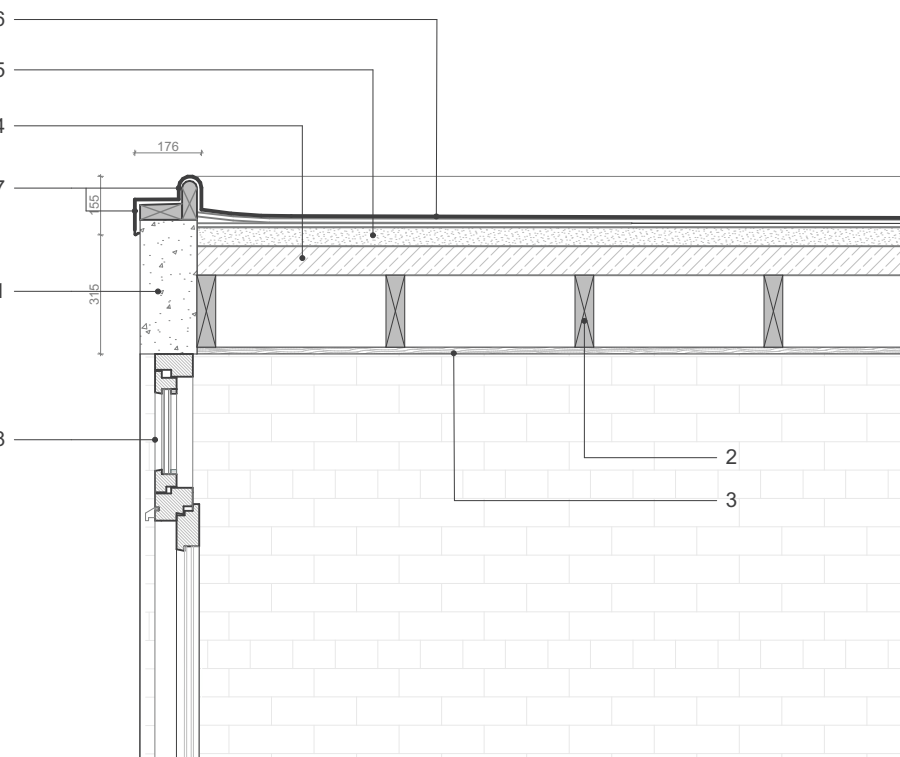
Drawing no: 2203-3-304

Rev: Status: Stage 3

Scale: 1:100@A2 Date: 08/03/2024

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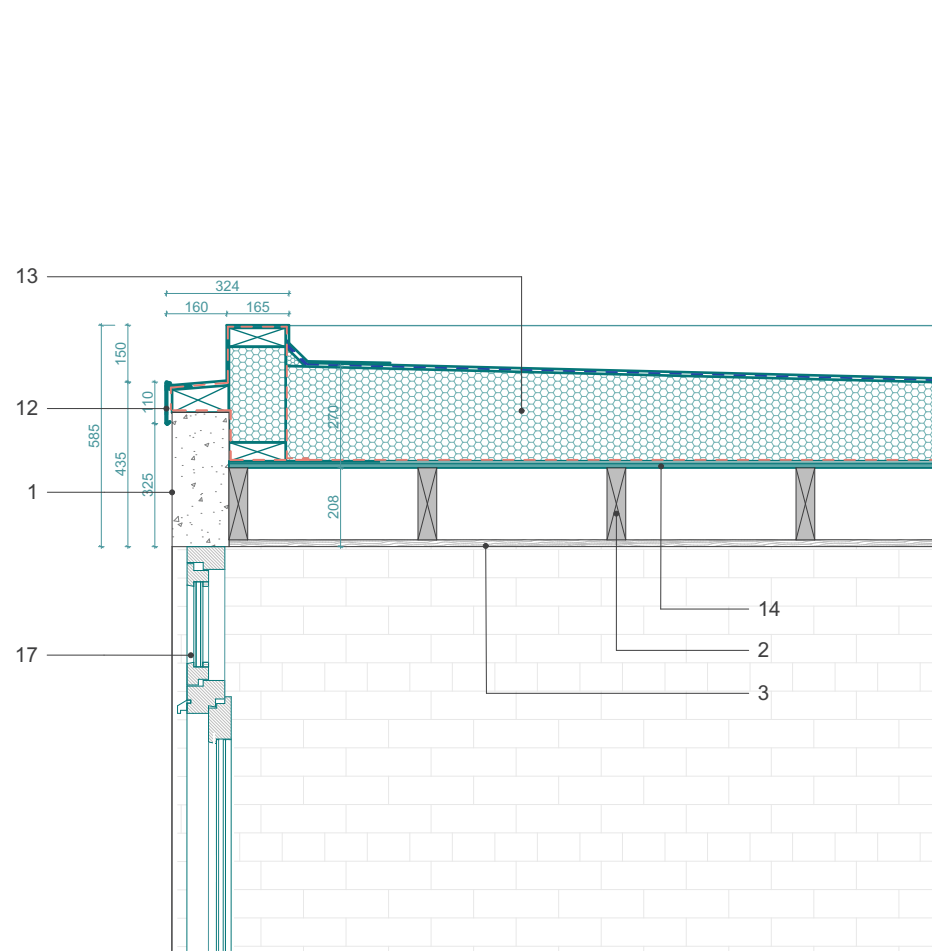
The drawing consists of two parts. The upper part shows a vertical cross-section of a wall with a pipe. The pipe is labeled '9' and has a small shaded area at its base. A horizontal line is labeled '7' and has a small arrow pointing downwards. The lower part shows a horizontal cross-section of a wall. It features a brickwork pattern at the bottom, followed by a layer of insulation (hatched area), and a layer of concrete (dotted area). Vertical reinforcement bars (labeled '8') are shown passing through the wall layers.

Technical cross-section diagram of a window installation. The diagram illustrates the assembly of a window frame into a wall and the surrounding structure. Key components and dimensions are labeled:

- 1**: Insulation layer (dotted pattern) within the wall.
- 2**: Drainage channel (dotted pattern) below the window frame.
- 3**: Drainage pipe or outlet.
- 4**: Window frame profile.
- 5**: Weatherstripping or sealant.
- 6**: Glazing or glass panel.
- 7**: Mounting bracket or fastener.
- 8**: Window frame profile (bottom section).
- 9**: Mounting bracket or fastener (bottom section).
- 10**: Insulation layer (dotted pattern) within the wall (bottom section).
- 11**: Mounting bracket or fastener (bottom section).

Dimensions are indicated by arrows and numbers:

- 176: Horizontal distance from the wall to the window frame.
- 143: Vertical distance from the wall to the window frame.
- 52: Vertical distance from the wall to the window frame (bottom section).
- 395: Vertical distance from the wall to the window frame (bottom section).



Technical drawing of a roof cross-section. A chimney is shown on a flat roof section. Below the chimney, the roof structure is detailed with a sloped section. The roof is composed of several layers: a top layer of insulation (indicated by a pattern of small circles), a middle layer of structural material (indicated by a pattern of small squares), and a bottom layer of waterproofing (indicated by a solid black line). The roof is supported by a series of vertical structural elements (indicated by a pattern of small triangles). A label '9' points to the chimney structure.

Key

Existing

Proposed

Key existing

1. Existing concrete perimeter beam
2. Existing 190x50mm timber joists on hangers - assumed at 500mm centres
3. Existing internal timber (or plasterboard for some units) finish
4. Existing woodwool slab
5. Cork insulation
6. Derbigum membrane over previous roofing membrane layers
7. Perimeter upstand formed over timber perimeter batten and UPVC flashing
8. Existing windows
9. Existing flue stack refurbished/ repointed
10. Exposed concrete perimeter beam to rear terraces

11. Rotten timber plates on mechanically fixed to concrete perimeter beams

Timber plates and fixings are causing damage to the concrete beams by facilitating water ingress and cracking

Key proposed

- 12. GRP trim mechanically fixed to upstand, to match existing
- 13. New bituminous roll-out membrane waterproofing installed & insulation to 1:80 fall. New roof build up to achieve U-Value of 0.15 W/m²K. New roof parapet to accommodate the new increased roof build-up
- 14. New 18mm Ply decking
- 15. New protective metal capping to be installed following concrete cleaning and repairs. Concrete repaired where damaged by existing fixings with matching concrete mortar repairs
- 16. New mansafe system for safe roof access and maintenance
- 17. New hardwood double glazed timber windows to match original 1950s design
- 18. New solar panels set at minimum angle (10deg)
- 19. Ladder securing point for safe roof access, mechanically fixed to concrete beams

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Rev:	Date:	Description

Project: 2203 South Hill Park Terrace
Client: No80 to No90 South Hill Park
Drawing: Terrace Roof Edge Details

Drawing no: 2203-3-521

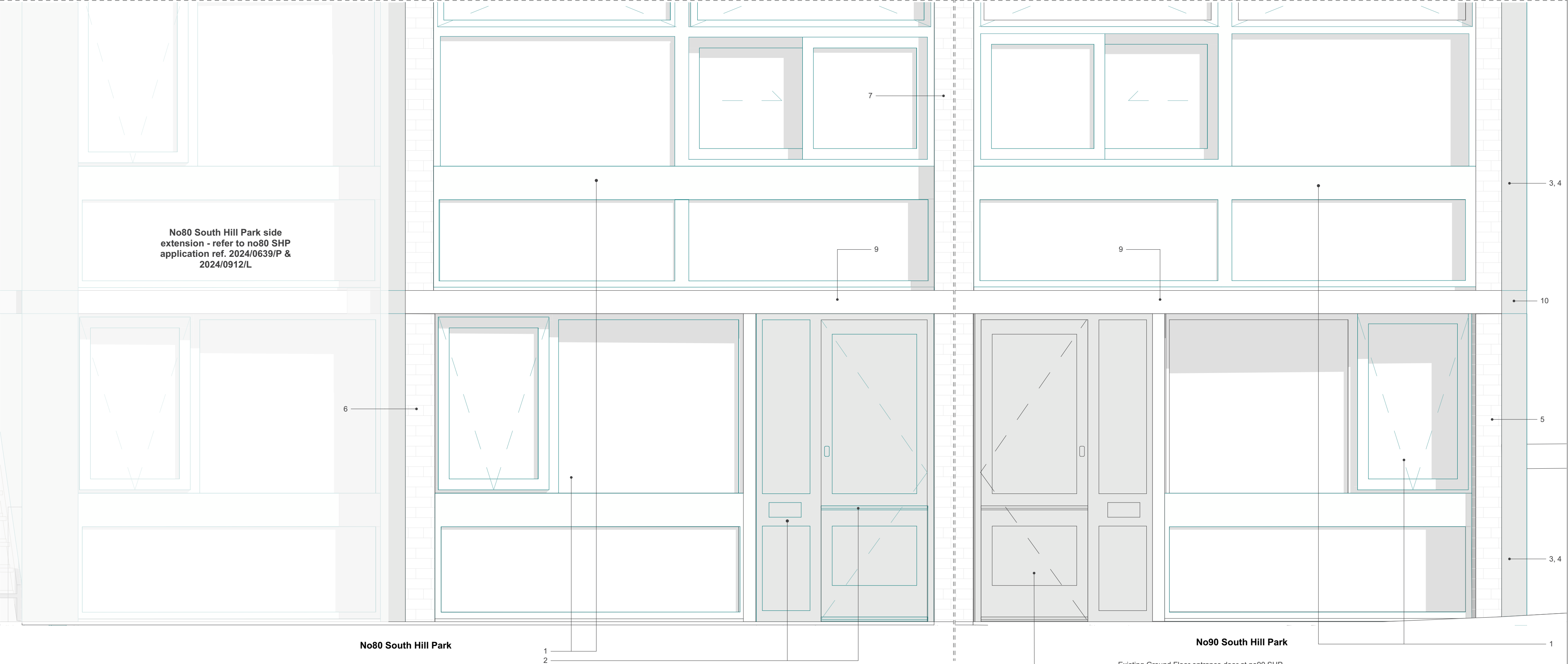
Rev: **Status:** Stage 3

Scale: 1:20@A2 **Date:** 08/03/2024

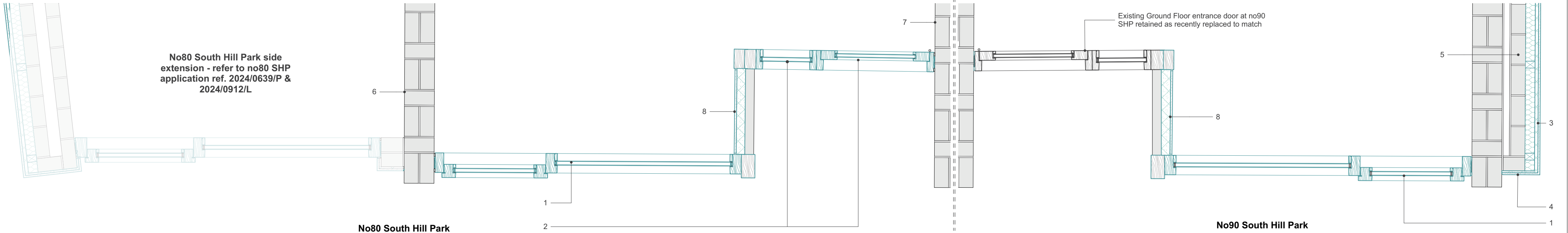
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1. Front Elevation of No80 and No90 South Hill Park, detail of gable end walls 1:20 Scale



2. Ground Floor Plan of No80 and No90 South Hill Park, detail of gable end walls 1:20 Scale

Existing

Proposed

1. New hardwood timber framed windows to match original design from 1950s, to improve the existing thermal building performances

2. New hardwood timber framed door and side fixed panel to match original design from 1950s, to improve the existing thermal building performances

3. Permeable insulation to un-insulated flank wall, with wood-fibre batts fixed to the mortar courses masonry and finished with a permeable lime render, to improve the existing thermal building performances. Permeable render finish to match brick colour of lighter bricks and exposed slabs

Note: Thermally, the existing uninsulated flank wall is a significant problem in terms of internal comfort, energy and cost efficiency as well as risk to the existing fabric because of current condensation

4. Permeable render finish on wood wool panel to brickwork return, reduced thickness to max. 30mm overall. Lime render finish to match brick colour of lighter bricks
5. Existing uninsulated cavity wall
6. Existing brickwall, original end of terrace flank wall
7. Existing party wall
8. Solid return to porch entrance (blockwork with timber goalposts at both ends) to be insulated panels with permeable insulated panels
9. Existing hardwood timber framed door and side fixed panel retained as recently renewed and matching the original design already
10. Existing exposed concrete slabs refurbished
11. Permeable render finish to match existing concrete slab behind

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Rev

Date

Description

Project: 2203 South Hill Park Terrace

Client: No80 to No90 South Hill Park

Drawing: Terrace Rendered End Wall Details

Drawing no: 2203-3-522

Rev: Status: Stage 3

Scale: 1:20@A2 Date: 08/03/2024

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