

Information in support of LBC Condition 8

Document Number: 28731-SOAS-A-REP-XXX-XX-006





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#### **Revision Note:**

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The proposals presented within this submission are to discharge Condition 8 of Listed Building Consent 2013/4478/L. A copy of MACE drawings applicable to this application are contained with the Appendix of this document. This document should also be read in conjunction with the following items prepared by Donald Insall Associated Ltd.

DIA-SOAS-A-REP-XXX-XX-03 – Report on historical floor finishes
DIA-SOAS-A-DRW-2000, 2001, 2002, 2003, 2004 – Repairs to Interiors Finishes
DIA-SOAS-A-SHL-6000, 6001, 6002, 6003, 6004, 6005 – Interior Finishes Repairs Schedules.
DIA-SOAS-A-SPC-0001, Section M41

The drawn proposals for the extent of terrazzo repairs and replacement reflect the alternative option presented at the meeting held with English Heritage, Camden, Mace and SOAS on 20 May 2014. As requested by the planners this option retains the original terrazzo at the third floor lift lobby. In addition the original wood block flooring to the second floor lift lobby is retained. Asbestos elements within both these subfloors areas will therefore be encapsulated rather than removed. Primary services distribution around the building will now utilise additional risers within the locations agreed, refer to recent demolition drawing submission (LBC Condition 7) for details of these works. To remain clear of the existing floor voids and any asbestos risk the lighting and alarms to the first and second floor lift lobby ceilings will now be fed from exposed conduit fixed to the soffits. A mock up of the extent of exposed services has been prepared on the third floor in line with drawing SOAS-A-DET-GEN-XX-761 and is available for inspection on site by Camden and English Heritage.

Also contained within this document is a photographic survey of the existing terrazzo as of August 2014. This survey is to assist in understanding the condition of the spaces and the materials to be removed or remain in place.

It is likely that the existing terrazzo at each level has some variation in mix/colouration. A representative sample of the new terrazzo mix has been prepared, following a site inspection by a supplier. This sample (6) is available for inspection on site, see also photographs within the next section of this report.

Locations of the retained, repaired and restored terrazzo are as Donald Insall drawings referred to within the Introduction. It should be noted that the existing terrazzo displays noticeable cracking due to the lack of expansion and bay joints. New areas of terrazzo will require expansion and bay joints as recommended by the terrazzo manufacturers.

The methods for cleaning the existing terrazzo are described within the Donald Insall specification (DIA–SOAS-A-SPC-0001), refer M41/485.

The methods for repairing the existing terrazzo are described within the Donald Insall specification (DIA–SOAS-A-SPC-0001), refer M41/490.

The methods for sealing the existing and new terrazzo are described within the Donald Insall specification (DIA–SOAS-A-SPC-0001), refer M41/520 and 540.

Locations of the new and replaced terrazzo are as Donald Insall drawings referred within the Introduction.

The details for the new tiled and insitu terrazzo coverings, skirtings (tiled and insitu) are described within the Donald Insall specification (DIA–SOAS-A-SPC-0001), refer M41/110, 120/120A and 160 respectively.

Terrazzo is being newly introduced to the second floor toilet areas (rooms 3.39, 3.43, 3.50, 3.51). The existing floor boards to this area have already been lifted and carefully stored for re-use elsewhere. The existing floor joists will be removed and a new composite concrete sub-floor installed as sub-base to the new terrazzo.

### Samples

### Third floor cleaning trial



October 2013 - after trial cleaning



October 2013 - after trial cleaning





August 2014



August 2014

An area of the third floor was cleaned, reground and sealed in October 2013 by Marble Master Ltd. The above photographs are of the floor and adjacent skirting once cleaned (left hand column) and additionally as of August 2014, post enabling works and asbestos removal.

This trial cleaning area was reviewed during the meeting with English Heritage, Camden, Mace and SOAS on 20 May 2014.

### Replacement terrazzo





Sample 6



Sample 6 against terrazzo on first floor

It is likely that the existing terrazzo at each level has some variation in mix/colouration. A representative sample of the new terrazzo mix has been prepared, following a visual site inspection by a supplier. This sample (6) is available for review on

A sample has yet to be removed from site and analysed for composition. Once it has been agreed that terrazzo can be replace to the first floor lift lobby area a section with be sent for analysis to finalise the composition and mix of the replacement terrazzo.

Visits to site by potential specialist sub-contractors to review the terrazzo has indicated that there will be a need to incorporate joints within the new areas, the scope of these will need to be reviewed once the specialist sub-contractor is appointed. It is anticipated that joint locations will be needed to mirror any such within the existing or new sub-base to accommodate movement. Crack inducing joints may also be required to bay areas over a specified size.

# Ground Lobby G05 existing





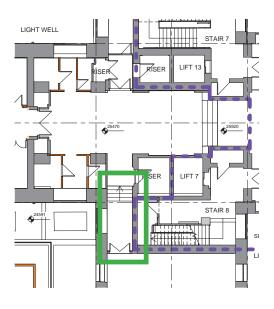






existing travertine, unaffected

existing terrazzo replaced as noted on following page



# Ground Lobby G05 proposed







#### areas of new terrazzo

- 1 existing travertine, unaffected
- existing terrazzo tiles replaced with new terrazo tiles, refer DIA specification M41/110, dividing strips as M41/440
- 3 existing insitu terrazzo edgings and skirting replaced with new terrazo refer DIA specification M41/120A & 160, dividing strips as M41/440
- new concrete composite subfloor as structural engineers proposals to raise floor levels into room G.10, new terrazzo tiled finish generally refer DIA specification M41/110, new skirtings and new insitu terrazzo M41/120A and 160, as dividing strips as M41/440



# Ground Lobby G21 existing

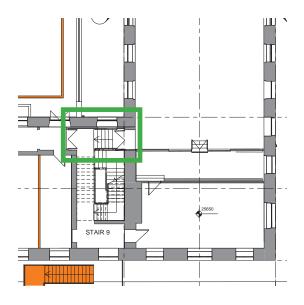








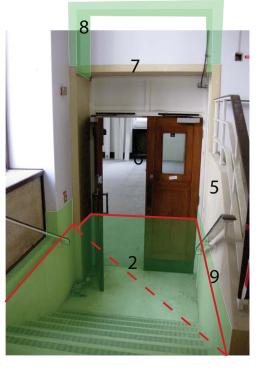
- existing terrazzo unaffected
- 2 existing terrazzo replaced as noted on following page

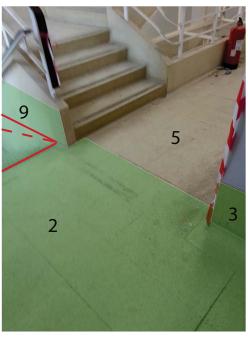


# Ground Lobby G21 proposed









#### areas of new terrazzo

1 handrail removed and reused elsewhere

4

existing terrazzo tiles replaced with new terrazo tiles, refer DIA specification M41/110, dividing strips as M41/440

3 existing insitu terrazzo edgings and skirting replaced with new terrazo refer DIA specification M41/120A & 160, dividing strips as M41/440

new concrete composite subfloor as structural engineers proposals to raise floor levels into room G.10, new terrazzo tiled finish generally refer DIA specification M41/110, new skirtings and new insitu terrazzo M41/120A and 160, as dividing strips as M41/440

5 existing terrazzo cleaned and restored as DIA drawings

existing terrazzo door surround removed with wall

new terrazzo door surround to match existing pattern

new terrazzo upstand to abut existing terrazzo covering to stair wall



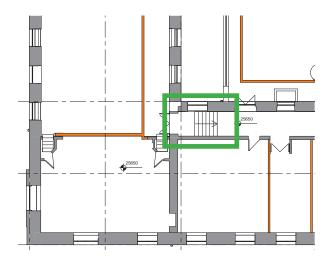
# Ground Corridor G12 existing







- existing terrazzo unaffected
- existing terrazzo replaced as noted on following page



# Ground Corridor G12 proposed



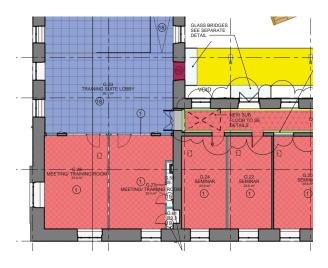




#### areas of new terrazzo

- 1 handrail removed and reused elsewhere
- existing insitu terrazzo edgings and skirting replaced with new terrazo refer DIA specification M41/120A & 160, dividing strips as M41/440
- new concrete composite subfloor as structural engineers proposals to raise floor levels into room G.33 new terrazzo tiled finish generally refer DIA specification M41/110, new skirtings and new insitu terrazzo M41/120A and 160, as dividing strips as M41/440
- 4 existing terrazzo cleaned and restored as DIA drawings
- 5 existing door opening raised to suit revised floor levels
- 6 existing terrazzo door surround removed with wall

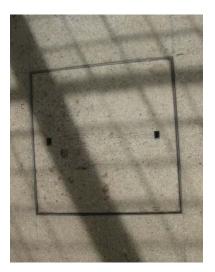
- new terrazzo door surround to match existing pattern
- Q terrazzo nosings removed to lower level for new carpet infill



### **Existing details**

Access covers

applicable in toilet areas, lower ground floor and lift / stair lobbies





## 180mm skirting - bathrooms 320mm skirting

applicable in toilet areas, as shown and lobby G.05 without tiled wall above







applicable on ground floor and staircases





general condition, tiled infill only visible on 3rd floor, tiled infill generally painted over elsewhere, or not present. Instances vary

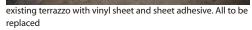






# Lower Ground floor - typical existing conditions















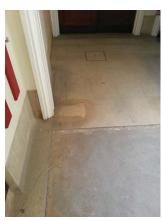
LG. 37



LG.19

# Ground floor - typical existing conditions







# First floor - typical existing conditions

















WCs - 1.43, 1.45









Corridor- 1.36

# First floor - typical existing conditions







Corridor- 1.13

# Second floor - typical existing conditions





WC's- 2.41, 2.40 similar

# Third floor - typical existing conditions



















lift lobby 3.38

## Appendix - Mace Drawings

28731-SOAS-A-PLN-GEN-B1-261

28731-SOAS-A-PLN-GEN-00-262

28731-SOAS-A-PLN-GEN-01-263

28731-SOAS-A-PLN-GEN-02-264

28731-SOAS-A-PLN-GEN-03-265

28731-SOAS-A-DET-GEN-XX-761

