

## **Building Design Partnership**

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JEC/LN08732/2.06

15<sup>th</sup> June 2007

Elaine Quigley Planning Services Development Control London Borough of Camden Town Hall, Argyle Street London WC1H 8ND

Dear Elaine,

# THE BRITISH MUSEUM: SOUTH STAIR, CENTRAL SALOON AND GALLERIES 38 TO 40 LISTED BUILDING CONSENT Ref: 2006/5455/L - DISCHARGE OF CONDITIONS

Further to receipt of the Listed Building consent for the above and our recent telephone conversation, I enclose 3 copies of the relevant drawings and/or documents as detailed below in order to discharge the following conditions:

CONDITIONS 1, 2, 3 and 4 - Noted

#### CONDITION 5 - Refer to BDP document:

- GI200E-BDP-A-SPC-20-001 Rev.B 'Demolition (Dismantling), Alteration & Strip Out'
- Refer also to ABA Structural Engineers documents:
  - GI200E-ABA-S-2004 Rev A 'Outline Sequence of Dismantling a Mezzanine Floor within Gallery 40'
  - GI200E-ABA-S-2050 Rev C 'Initial Ideas for Site Logistics'
  - GI200E-ABA-S-2051 Rev B 'Constrains Affecting Where Temporary Roof & Platforms can be supported'
  - GI200E-ABA-S-2052 Rev C 'Temporary Roof Option'
  - GI200E-ABA-S-2053 'Assumed Sequence of Construction (1 of 2)'
  - GI200E-ABA-S-2054 'Assumed Sequence of Construction (2 of 2)'
  - GI200E-ABA-S-2055 'Assumed Temporary Roof Support Sequence of Construction'
  - GI200E-ABA-S-2056 'Plan of Ground Courtyard Showing Buried Services'
  - GI200E-ABA-S-2057 'Structural Engineering Constraints for Temporary Roof (Sheet 1 of 2)'

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- GI200E-ABA-S-2058 'Structural Engineering Constraints for Temporary Roof (Sheet 2 of 2)'
- GI200E-ABA-S-2059 'Schematic Diagram Illustrating Locations Where Restraint to Wind Load may be taken'
- GI200E-ABA-S-2060 'Structural Engineering Constraints for Internal Crash Deck'
- GI200E-ABA-S-2061 'Structural Engineering Constraints for South Forecourt'
- GI200E-ABA-S-2062 'Upstand Beam between Central Saloon & South Portico Assumed Sequence of Construction'

Please can you confirm that the above documents are sufficient information to allow the works to commence or whether you additionally require a copy of every detailed 'method statement' as they are submitted by the main contractor to the design team during the works?

Please note that detailed 'method statements' referred to will only be available once the contractor has been appointed and works have effectively commenced on site. The contract documents call for 'method statements' to be prepared in advance of any relevant element of work and not 'before any work is undertaken in pursuance of this consent', as much of this relies on further detailed site investigations by the contractor once they have commenced on site.

Please also note that the Structural Engineer's drawings are indicative only of how the work might be carried out or sequenced and do not tell the contractor how to actually do the works.

#### CONDITION 6 - Refer to BDP document:

- GI200E-BDP-A-SPC-20-003 Rev.A 'General Protection to Existing Fabric'
- GI200E-BDP-A-SPC-20-004 Rev.A 'Additional Surveys' including requirement for condition surveys.

Please can you confirm that the above documents are sufficient information to allow the works to commence?

### CONDITION 7 - Refer to M&E Engineers documents:

- GI200E-TGA-M-2001 Rev.P1 'Mechanical Engineering Services Plan'
- GI200E-TGA-M-2002 Rev.P1 'Mechanical Engineering Services Elevations and Sections'
- GI200E-TGA-M-2101 Rev.P1 'Mechanical Engineering Services Plant Room Plan'
- GI200E-TGA-M-2102 Rev.P1 'Mechanical Engineering Services Plant Room Elevations & Sections'
- GI200E-TGA-M-2103 Rev.P1 'Mechanical Engineering Services External Plant Plan'
- GI200E-TGA-M-2201 Rev.P1 'Mechanical Engineering Services Rainwater Drainage Plan'

- GI200E-TGA-M-2202 Rev.P1 'Mechanical Engineering Services Foul Drainage & CWS Plan'

# - Refer to Structural Engineer's documents:

- GI200E-ABA-S-2013 'Integration of New Services with Existing Structure'
- GI200E-ABA-S-2501 'Proposed Level 1 Floor Plan'
- GI200E-ABA-S-2503 'Proposed Level 2 Floor Plan'
- GI200E-ABA-S-2504 'Proposed Level 6 Floor Void Plan'
- GI200E-ABA-S-2505 'Proposed Level 6 Floor Plan'
- GI200E-ABA-S-2506 'Proposed Level 6 Mezzanine Floor Plan'
- GI200E-ABA-S-2507 'Proposed Level 6 Ceiling Level Plan'
- GI200E-ABA-S-2508 'Proposed Roof Plan'
- GI200E-ABA-S-2524 Rev A 'Proposed Level 6 Floor Void Plan Zone 2
- GI200E-ABA-S-2525 'Proposed Level 6 Floor Plan Zone 2
- GI200E-ABA-S-2526 'Proposed Level 6 Mezzanine Floor Plan Zone 2
- GI200E-ABA-S-2527 Rev A 'Proposed Level 6 Ceiling Plan-Zone 2
- GI200E-ABA-S-2528 Rev A 'Proposed Roof Plan Zone 2
- GI200E-ABA-S-2534 Rev A 'Proposed Level 6 Floor Void Plan Zone 3
- GI200E-ABA-S-2535 Rev A 'Proposed Level 6 Floor Plan Zone 3'
- GI200E-ABA-S-2537 Rev A 'Proposed Level 6 Ceiling Plan-Zone 3'
- GI200E-ABA-S-2538 'Proposed Roof Plan Zone 3'
- GI200E-ABA-S-2701 Rev A 'Proposed Section 1-1 through Floor Void of Galleries 40 & 39'
- GI200E-ABA-S-2702 Rev A 'Proposed Section 2-2 through Floor Void of Galleries 40'
- GI200E-ABA-S-2703 'Local Proposed Section 3-3 through Floor Void of Galleries 38 & 39'
- GI200E-ABA-S-2704 Rev A 'Proposed Section 4-4 Showing Floor Structure to Galleries 39 & 40'
- GI200E-ABA-S-2705 'Section through Gallery 38 Showing Assumed Locations of Flues'

### - Refer to BDP documents:

- GI200E-BDP-A-2501 Rev.A 'Doorway D2 Gallery 37/68 Elevations sections and details'
- GI200E-BDP-A-2502 Rev.A 'Doorway D3 Gallery 37/38 Elevations sections and details'
- GI200E-BDP-A-2504 Rev.A 'Doorway D5 Gallery 40/41 Elevations sections and details'
- GI200E-BDP-A-2507 Rev.A 'Doorway D12 Gallery 39/40 Elevations sections and details'

# - For CCTV cameras refer also to documents:

- 50365\_NLES\_AS\_ISO\_CTV\_03 'Wall Mounted Fully Functional Camera Details'

# - For light fittings refer also to documents:

- Detail 2 in GI200E-BDP-A-2630 Rev.A 'Type C1 Beam & Coffered Ceiling Gallery 36'

- Detail 1 in GI200E-BDP-A-2631 Rev.A 'Type P6/C1 beam & Coffered Ceiling – Gallery 36'
- Detail 2 in GI200E-BDP-A-2632 Rev.A 'Type C2 Beam & Coffered Ceiling Gallery 40'

#### - For smoke detector refer also to documents:

- GI200E-BDP-A-2704 Rev.A 'Plasterwork galleries 37/38/39 Section through Ceiling'
- GI200E-BDP-A-2723 Rev.A 'Plasterwork galleries 37/38/39 Smoke pipes through Ceiling'

#### - For floor boxes refer to document:

- Detail 3 & 4 in GI200E-BDP-A-2801 Rev.A 'Floor finishes details'

## CONDITION 8 (a) Refer to Structural Engineers documents:

- GI200E-ABA-S-2013 'Integration of New Services with Existing Structure'
- GI200E-ABA-S-2023 'Structural Support to Stone Finishes Plan'
- GI200E-ABA-S-2024 'Structural Support to Stone Finishes Section 1-1'
- GI200E-ABA-S-2025 'Structural Support to Stone Finishes Section 2'
- GI200E-ABA-S-2070 Rev A 'Details of Apron Wall to Rooflight of G39 as Proposed'
- GI200E-ABA-S-2071 Rev A 'Galleries 37-39: Structural Repair Works to Rooflight Apron Walls'
- GI200E-ABA-E-2072 'Roof Cast Iron Restraint Detail Galleries 37 to 39'
- GI200E-ABA-E-2073 'Roof Cast Iron Restraint Detail Section Galleries 37 to 39'
- GI200E-ABA-E-2074 'Roof Cast Iron Restraint Detail Variation 1 Galleries 37 to 39'
- GI200E-ABA-E-2075 'Roof Cast Iron Restraint Detail End Detail Galleries 37 to 39'
- GI200E-ABA-E-2076
- GI200E-ABA-S-2077 'Structural Steel to Screen Wall (1 of 3)'
- GI200E-ABA-S-2078 Rev A 'Structural Steel to Screen Wall (2 of 3)'
- GI200E-ABA-S-2079 'Structural Steel to Screen Wall (3 of 3)'
- GI200E-ABA-S-2080 'Structural Principles to Support the New Screen Wall at Head of the Stairs'
- GI200E-ABA-S-2081 'Central Saloon: Removal of Existing Beam within Opening into South Portico Proposed Plan'
- GI200E-ABA-S-2101 Rev B 'Existing Level 1 Floor Plan'
- GI200E-ABA-S-2103 Rev B 'Existing Level 2 Floor Plan'
- GI200E-ABA-S-2104 Rev A 'Existing Level 6 Floor Void Plan'
- GI200E-ABA-S-2105 Rev B 'Existing Level 6 Floor Plan'
- GI200E-ABA-S-2106 Rev B 'Existing Level 6 Mezzanine Floor Plan' GI200E-ABA-S-2107 Rev B 'Existing Level 6 Ceiling Level Plan'
- GI200E-ABA-S-2108 Rev C 'Existing Level 7 Roof Plan'
- GI200E-ABA-S-2124 Rev A 'Existing Level 6 Floor Void Plan -- Zone 2'
- GI200E-ABA-S-2125 Rev A 'Existing Level 6 Floor Plan Zone 2'

- GI200E-ABA-S-2126 Rev B 'Existing Level 6 Mezzanine Floor Plan Zone 2'
- GI200E-ABA-S-2134 Rev C 'Existing Level 6 Floor Void Plan Zone 3'
- GI200E-ABA-S-2135 Rev C 'Existing Level 6 Floor Plan Zone 3'
- GI200E-ABA-S-2136 Rev B 'Existing Level 6 Mezzanine Floor Plan Zone 3'
- GI200E-ABA-S-2202 'Overall Section B-B Existing'
- GI200E-ABA-S-2301 Rev B 'Section 1-1 through Floor Void of Galleries 40 & 39'
- GI200E-ABA-S-2302 Rev B 'Section 2-2 through Floor Void of Gallery 40'
- GI200E-ABA-S-2303 Rev C 'Local Section 3-3 through Floor Void of Gallery 38 & 39'
- GI200E-ABA-S-2304 Rev A 'Local Section 3-3 through Floor Void of Gallery 38 & 39'
- GI200E-ABA-S-2305 'Section through Existing Floor Structure to Central Saloon'
- GI200E-ABA-S-2306 'Section A A through Central Saloon and G36 as Existing'
- GI200E-ABA-S-2307 'Section B B through Central Saloon and G40 as Existing'
- GI200E-ABA-S-2308 'Section C C through Central Saloon and G40 as Existing'
- GI200E-ABA-S-2309 Rev A 'Details of Apron Wall Structure to Rooflight of G36 as Existing'
- GI200E-ABA-S-2310 Rev A 'Existing Roof Structure to Gallery 39 Section'
- GI200E-ABA-S-2311 Rev A 'Existing Wall Head Detail to Galleries 39, 40 and South Stairs'
- GI200E-ABA-S-2312 'Section X-X through Central Saloon/South Portico as Existing'
- GI200E-ABA-S-2501 'Proposed Level 1 Floor Plan'
- GI200E-ABA-S-2503 'Proposed Level 2 Floor Plan'
- GI200E-ABA-S-2504 'Proposed Level 6 Floor Void Plan'
- GI200E-ABA-S-2505 'Proposed Level 6 Floor Plan'
- GI200E-ABA-S-2506 'Proposed Level 6 Mezzanine Floor Plan'
- GI200E-ABA-S-2507 'Proposed Level 6 Ceiling Level Plan'
- GI200E-ABA-S-2508 'Proposed Roof Plan'
- GI200E-ABA-S-2524 Rev A 'Proposed Level 6 Floor Void Plan Zone 2
- GI200E-ABA-S-2525 'Proposed Level 6 Floor Plan Zone 2
- GI200E-ABA-S-2526 'Proposed Level 6 Mezzanine Floor Plan Zone 2
- GI200E-ABA-S-2527 Rev A 'Proposed Level 6 Ceiling Plan-Zone 2
- GI200E-ABA-S-2528 Rev A 'Proposed Roof Plan Zone 2
- GI200E-ABA-S-2534 Rev A 'Proposed Level 6 Floor Void Plan Zone 3
- GI200E-ABA-S-2535 Rev A 'Proposed Level 6 Floor Plan Zone 3'
- GI200E-ABA-S-2537 Rev A 'Proposed Level 6 Ceiling Plan-Zone 3'

- GI200E-ABA-S-2538 'Proposed Roof Plan Zone 3'
- GI200E-ABA-S-2701 Rev A 'Proposed Section 1-1 through Floor Void of Galleries 40 & 39'
- GI200E-ABA-S-2702 Rev A 'Proposed Section 2-2 through Floor Void of Galleries 40'
- GI200E-ABA-S-2703 'Local Proposed Section 3-3 through Floor Void of Galleries 38 & 39'
- GI200E-ABA-S-2704 Rev A 'Proposed Section 4-4 Showing Floor Structure to Galleries 39 & 40'
- GI200E-ABA-S-2705 'Section through Gallery 38 Showing Assumed Locations of Flues'
- GI200E-ABA-S-2706 'Central Saloon: Structural Repair Works to Floor Structure'
- GI200E-ABA-S-2707 'Section X-X through Central Saloon/South Portico as Proposed'
- GI200E-ABA-S-2708 'Sections on Upstand Beam as Proposed'
- GI200E-ABA-S-2821 Rev A 'Proposed Details Sheet 1'
- GI200E-ABA-S-2821 'Proposed Details Sheet 2'
- GI200E-ABA-S-2823 Rev A 'Proposed Details Sheet 3'
- GI200E-ABA-S-2824 Rev A 'Proposed Details Sheet 4'
- GI200E-ABA-S-2825 Rev A 'Proposed Details Sheet 5'
- GI200E-ABA-S-2998 'Drawing of Drawings'
- GI200E-ABA-S-2999 Rev E 'Key/Schedules/Notes'
- 699/250/Detail 1
- 699/250/Detail 2
- 699/250/Detail 3 Rev A 'Timber Superstructure Details'
- 699/250/Detail 4 Rev A 'Typical Beam-Beam Connection Detail'
- 699/250/Detail 5 Rev A 'Typical Intermediate Stud Wall Detail'
- 699/250/Detail 6 Rev A 'Stud Wall to Ridge Line'
- 699/250/Detail 7 Rev A 'Stud Wall to Rooflight Perpendicular to Joist Spans'
- 699/250/Detail 8 Rev A 'Stud Wall to Rooflight Parallel to Joist Spans'
- 699/250/Detail 9 Rev A 'Gallery 36 Roof Structure to East Side'
- 699/250/Detail 10 Rev A 'New Roof Structure in G36 Adjacent to South Portico'
- 699/250/Detail 12 'West Edge of G40 Roof Plant Well'
- 699/250/Detail 13
- 699/250/Detail 14
- 699/250/Detail 15
- 699/250/Detail 16
- 699/250/Detail 17
- 699/250/Detail 18
- 699/250/Detail 19 'Restraint of Existing Beam @ Ceiling level by Sth. Portico off New Structure'
- 699/250/Detail 21 'Restraint to Base of Screen Wall'
- 699/250/Detail 22 'Intermediate Restraint to Head of Screen Wall Structure'
- 699/250/Detail 23 'Top Chord Fixing Detail 1:5'

- 699/250/Detail 25 'Support to Partition off Structural Steel at Head of Wall (1 of 2)'
- 699/250/Detail 26 'Base Restraint to Partition Wall'
- 699/250/Detail 27 'Bottom Chard Fixing Detail 1:5 27-27'
- 699/250/Detail 28 'Bottom Chard Fixing Detail 1:5 28-28'
- 699/250/Detail 29 'Connection Detail Between Steel Structures 1:5'
- 699/250/Detail 30 'Typical Connection Detail'
- 699/250/Detail 31 'Vertical Support to Secondary Steel Structure'
- 699/250/Detail 32 'Support to Partition off Structural Steel at Head of Wall'

## (b)Refer to documents:

- GI200E-BDP-A-2385 Rev.B 'Proposed section KK'
- Section RR in Gl200E-BDP-A-2386 Rev.B 'Proposed section RR and SS'
- GI200E-BDP-A-2601 Rev.A 'Plasterboard Partition P1 Typical details'
- GI200E-BDP-A-2760 Rev.A 'New handrails and posts'

# (c)Refer to documents:

- Section AA in GI200E-BDP-A-2389 Rev.B 'Proposed section AA-V-WW'
- GI200E-BDP-A-2610 Rev.A 'Plasterboard Partition P2/P2X Typical details'

# (d)Refer to documents:

- GI200E-BDP-A-2501 Rev.A 'Doorway D2 – Gallery 37/68 – Elevations sections and details'

## (e)Refer to documents:

- GI200E-BDP-A-2502 Rev.A 'Doorway D3 Gallery 37/38 Elevations sections and details'
- GI200E-BDP-A-2504 Rev.A 'Doorway D5 Gallery 40/41 Elevations sections and details'

## (f)Refer to documents:

- GI200E-BDP-A-2507 Rev.A 'Doorway D12 – Gallery 39/40 – Elevations sections and details'

#### (g)Refer to documents:

- GI200E-BDP-A-2801 Rev.A 'Floor finishes details'
- GI200E-BDP-A-SPC-43-001 Rev.B 'New and refurbishment of existing internal floor finishes'
- GI200E-BDP-A-SPC-43-002 Rev.A 'Schedule of floor finishes'

# (h)Refer to documents:

- GI200E-BDP-A-2385 Rev.B 'Proposed section KK'
- GI200E-BDP-A-2387 Rev.B 'Proposed section MM'
- G!200E-BDP-A-2630 Rev.A 'Type C1 Beam & Coffered Ceiling Gallery 36'
- GI200E-BDP-A-2631 Rev.A 'Type P6/C1 beam & Coffered Ceiling
- Gallery 36'
- GI200E-BDP-A-2632 Rev.A 'Type C2 Beam & Coffered Ceiling Gallery 40'
- GI200E-BDP-A-2401 Rev.A 'Proposed build-up to copper roofs -- Detail C100'

- GI200E-BDP-A-2404 Rev.B 'Copper roofs Detail C3 Rooflight Upstand'
- GI200E-BDP-A-2420 Rev.B 'Lead roofs Detail L4 Rooflight Upstand'
- GI200E-BDP-A-2435 Rev.C 'Rooflight Details R1 Including External Blinds'
- (i) Ventilation grille (from 38 into 40 plantroom) Details to be confirmed as part of exhibition design (separate scope of work not part of this consent) (j)Refer to documents:
  - Section SS in GI200E-BDP-A-2386 Rev.B 'Proposed section RR and SS'
  - GI200E-BDP-A-2423 Rev.B 'Lead Roofs Details L7,L8 Balustrade plant'

# (k)Refer to documents:

- GI200E-BDP-A-SPC-42-002 Rev.B 'New Applied Decorations'
- GI200E-BDP-A-SPC-42-003 Rev.A 'Schedule of Applied Decorative Finishes'.

Please note that the proposed ceiling and roof works above the South Stair have been omitted from the current project. For this reason a detailed design for the decoration of the ceilings has yet to be prepared. However, the decoration to the new screen wall at the top of the stairs will proceed as detailed within the above documents to match the adjacent 'Collman' scheme. Please also note that the colours to all other areas have yet to be confirmed.

### (I)Refer to documents:

- GI200E-TGA-E-2014 Rev.1 'Floor Level Electrical Services Room 36'
- GI200E-TGA-E-2015 Rev.1 'Mezzanine Level Electrical Services Room 36'
- GI200E-TGA-E-2017 Rev.1 'Floor Level Electrical Services Room 37'
- GI200E-TGA-E-2018 Rev.1 'Mezzanine Level Electrical Services Room 37'
- GI200E-TGA-E-2020 Rev.1 'Floor Level Electrical Services Rooms 38/39'
- GI200E-TGA-E-2021 Rev.1 'Mezzanine Level Electrical Services Rooms 8/39'
- GI200E-TGA-E-2023 Rev.1 'Floor Level Electrical Services Room 40'
- GI200E-TGA-E-2024 Rev.1 'Mezzanine Level Electrical Services Room 40'
- For CCTV cameras refer also to documents:

50365\_NLES\_AS\_ISO\_CTV\_03 'Wall Mounted Fully Functional Camera Details'

- For light fittings refer also to documents:

ERCO Hi-trac 3-circuit track

- For smoke detector refer also to documents:

GI200E-BDP-A-2704 Rev.A 'Plasterwork galleries 37/38/39 – Section through Ceiling'

GI200E-BDP-A-2723 Rev.A 'Plasterwork galleries 37/38/39 – Smoke pipes through Ceiling'

CONDITION 9 - As discussed during our telephone conversation last week and as highlighted in the 'Planning and Listed Building design Report (Doc.LN08732/REP/20/001 dated 23<sup>rd</sup> November 2006), the majority of the fabric to be removed does not constitute part of the original historic fabric of the building (e.g. roofs above galleries 36 and 40).

As discussed, please can you confirm which specific elements identified for removal require further record surveys. In addition, please could you urgently confirm who or what body the Council would approve to carry out this work?

**CONDITION 10 - Noted** 

CONDITION 11 - Refer to the following document: 'Historic Paint Analysis Report'.

As noted previously the proposed colour scheme has yet to be confirmed and will be considered as part of both the interior exhibition fit-out proposals and the above report where applicable.

**CONDITION 12 - Noted** 

**CONDITION 13 - Noted** 

**CONDITION 14 - Noted** 

I trust this provides you with sufficient details to discharge the above conditions. However, please feel free to contact me on 020 7812 8144 (je-cooper@bdp.co.uk) should you wish to discuss any of the above items, require any further clarification or review the proposals on site.

Pours sincerely

Pours Sincerely

Colors

Pours

Po

James Cooper Architect Associate

For Building Design Partnership

Encls.

Cc: Chris Terrey - British Museum (+ Enclosures)

Tim Leach - BDP Barbara Canal - BDP