

Builders Works In Connection with M&E Improvements

1. Allow to lift 50 % of the timber floor boards. The boards are of the following description:

- a) The in room G03 and across the first floor, the floors are boarded with fine mahogany boards firmly nailed down with concealed nail heads and connecting timber dowels. Care and attention will be taken to avoid damage; lifting will be by a careful and skilled conservation joiner.
- b) The second floor has a slightly lower quality of floorboarding this is a paler hardwood and the boards are fixed with concealed nail heads. These boards should not be damaged and need to be lifted by a careful and skilled conservation joiner.
- c) The Garret (Third Floor) is floorboarded with pine boards fixed down with pozi drive fixings. These boards should be easy to remove and replace with no damage.

It is proposed for new wiring to follow the existing routes; allow for additional notching joists to facilitate the installation of wiring (refer to structural engineer's drawing 17549-SK-N1 for details); where possible the existing routes will be used. Allow to carefully reinstall the boarding in the same manner as they were found. This will include the filling/waxing of nail head entry points with joiners wax, to match in with the existing wood. Allow as a provisional item, to replace 5% of the boards lifted, in a like for like quality, size and finish as the existing.

2. Corroded electrical socket. Remove socket/fitting, backbox and as much wiring as accessible and infill hole with haired lime putty plaster, finish to match and repaint. Assume each hole is about 200 x 100 x 75 mm.

3. All Floors: Allow to open up existing vertical service duct; discard all covers, boxing & etc... Install the following:

- 1) Sub-main cabling from main MCCB panel to final circuit DB's on the Attic floor; run in 100 x 50 mm trunking.
- 2) From Attic lighting and power circuits will run to the Second Floor; run in 100 x 50 mm trunking.
- 3) From Basement, lighting and power circuits will be fed to the Ground & First Floors; run in 100 x 50 mm trunking.

Once installed, plaster over trunking with new lime putty hair plaster; where necessary wooden or stainless steel lathe may be required; paint plaster to match.

4. Allow to lift stone floor paving as indicated. This will require the careful work of a skilled conservation mason. Assume stone slabs are roughly 75 mm thick. Once lifted, install a pre-cast concrete cable trough within the subfloor space; assume this to be 158 x 200 mm (internal size) 265 x 254 mm (external size) trough, laid upon a compacted base of subsoil and jointed with lime putty mortar. This should be fitted with a lid. Allow to reinstall floor paving on a bed of lime putty mortar 10-25 mm thick.

5. Allow to open up existing chase; assume the following works:

TD = Top Down; form chase upwards from fitting, ensuring that no damage is caused to the cornice. Make good chase with haired lime putty plaster. Painting to match in.

BU= Bottom Up; form chase downwards from fitting, removing the skirting boards as appropriate. Make good chase with

haired lime putty plaster. Painting to match in. Refit the skirting board.

6. Allow to drill through existing masonry wall, along the route of existing electrical cabling. Install a new permanent conduit to allow for future alterations. Allow for the associated making good:

HL = High Level; allow to make good plaster in new haired lime putty plaster and redecorate locally.

LL= Low Level; allow to remove skirting board, form hole, fit new fitting and replace skirting board. Where necessary, make good plaster and paint as per above.

7. Surface mount all electrical services within this space in 25 mm ø galvanized steel conduit.

8. Intruder Detection System Cable; parts of this may need to be replaced. If this needs to be done, new cable will be fixed as existing to the top of the skirtings and follow the existing routes. Where the cable crosses doors or windows, replacement will follow the existing route re-using or using equivalent fixings.

10. It is possible that repairs to the intruder detection system hardware & wiring to the external windows & doors may need to be carried out. Possible works include the replacement of the existing security detectors to the window or door by a skilled conservation carpenter; these are screwed in place; also it is possible that limited 'fishing' of replacement wiring along the existing routes within the window or door lining maybe necessary.

11. Basement & Ground Floor: Allow for 1 no 50 mm ø hole for lift sub-main. Make good with lime putty mortar.

12. Basement & Ground Floor: Allow for a total of 20 no 25 mm ø holes from Basement to Ground Floor. These are to allow the supply of electrical power to the WC Area, Former Shop & New Control Room.

13. To the modern WC windows install 4 no mechanically operated extract fans. 1 no to G02a, 2 no to G02b & 1 no to G02c. Include for cutting or replacing the glass to allow the fan installation.

DO NOT SCALE THIS DRAWING USE DIMENSIONS ONLY
VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR SHOP DRAWINGS
INFORM THE ARCHITECT BEFORE ANY WORK STARTS IF THIS DRAWING EXCEEDS THE QUANTITIES IN ANY WAY

Revision	Date	Description
A	4 th April 2017	Amendment following co-ordination with M&E Engineer
B	1 st September 2017	Notes amended for planning submission

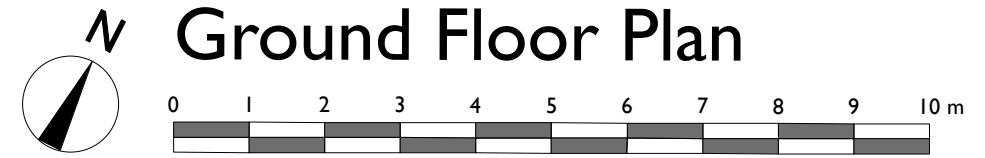
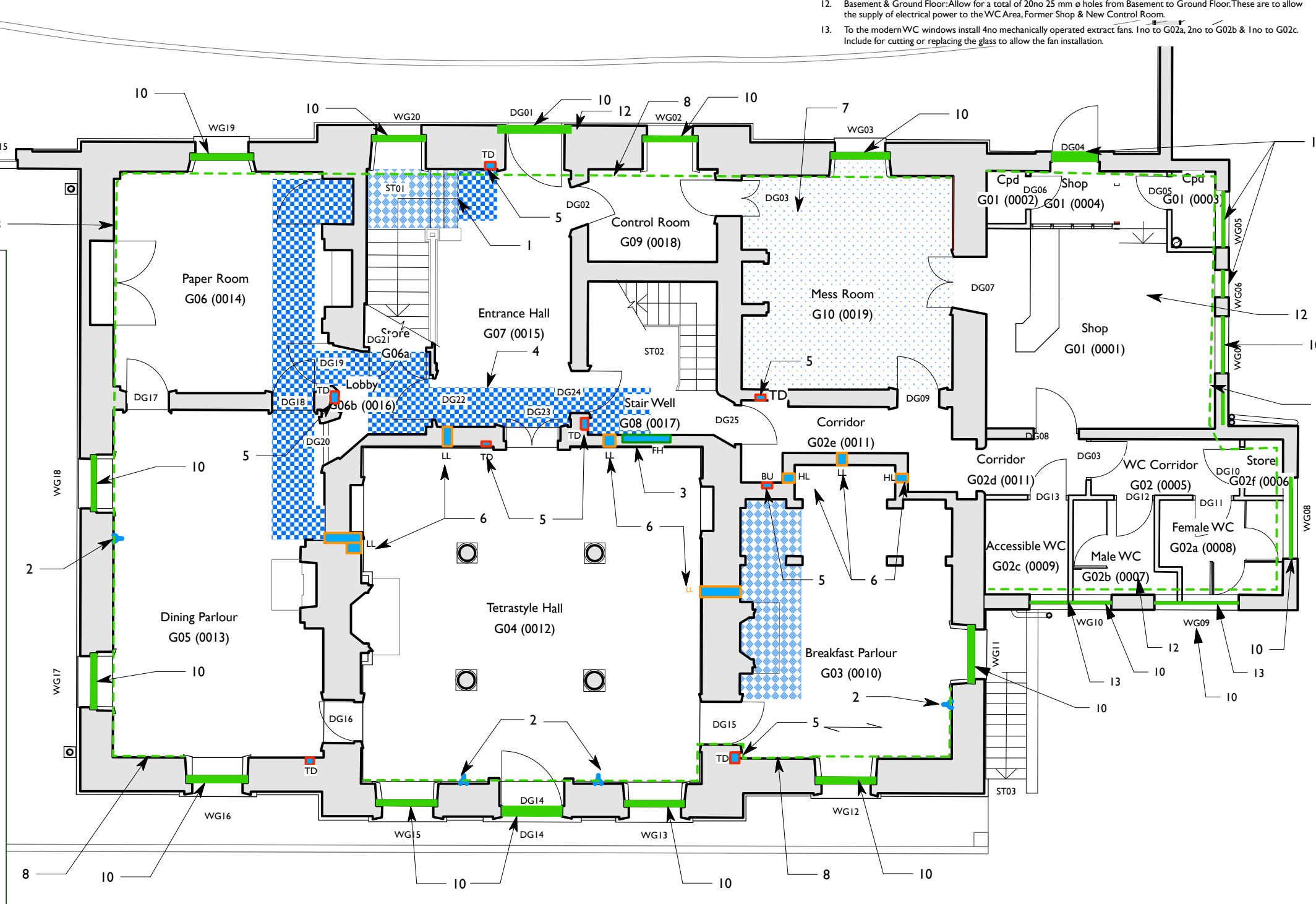
B.W.I.C. Key

BWIC Electrical System

- 1. Area of Floorboard to be lifted
- 2. Area of stone paving to be lifted.
- 3. Open up existing vertical service duct.
- 4. Drilled hole through wall. HL = High Level LL = Low Level
- 5. Existing socket or switch removed, refer to drawing 210.
- 6. Open up existing chase
- 7. Space where electrical and other services are to be surface mounted

BWIC Intruder Detection System

- 8. Security cable to be run on top of skirting.
- 9. Floorboards may need to be lifted to allow the replacement of failed security wiring.
- 10. Security fittings to door or window to be possibly replaced; this is pending report from security installation specialist.



DRAWING ISSUE STATUS	REVISION N°	DATE	SIGNED
RISK ASSESSMENT UNDERTAKEN			
PLANNING APPLICATION N° 1			
PLANNING APPLICATION N° 2			
PLANNING CONSENT			
LISTED BLDG APPLICATION			
LISTED BLDG CONSENT			
DAC APPROVAL			
BLDG CONTROL APPLICATION			
BLDG CONTROL APPROVAL			
TENDER DOCUMENT			
CONTRACT DOCUMENT			

CLIENT
English Heritage

PROJECT
Marble Hill House

TITLE
Main House:
Ground Floor Plan;
Builders Work In Connection With
M&E

SCALE
1:100 @ A3

DATE
April 2017

JOB N°
16_132

DRAWN
HS

DRAWING N°
260 B

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