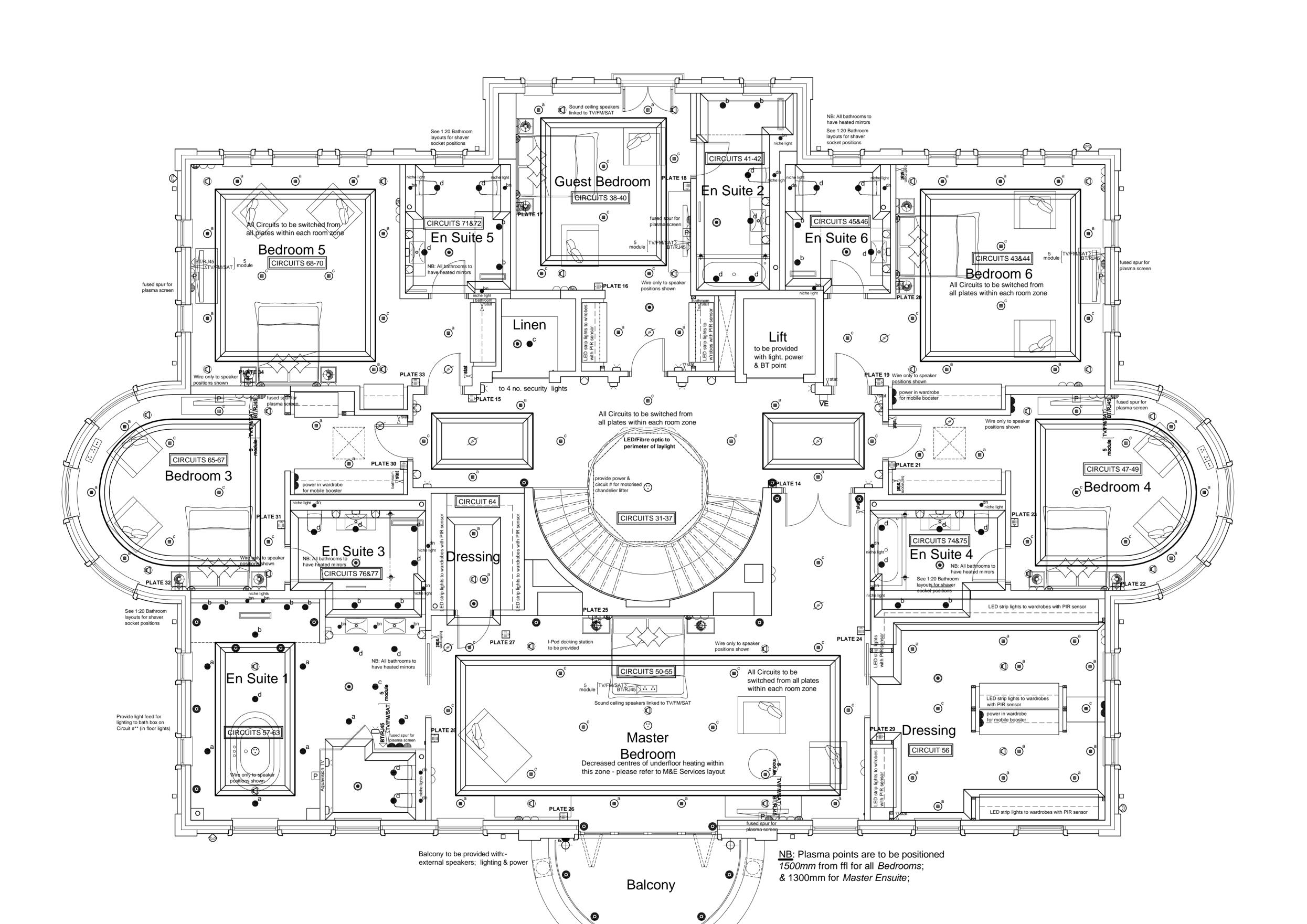
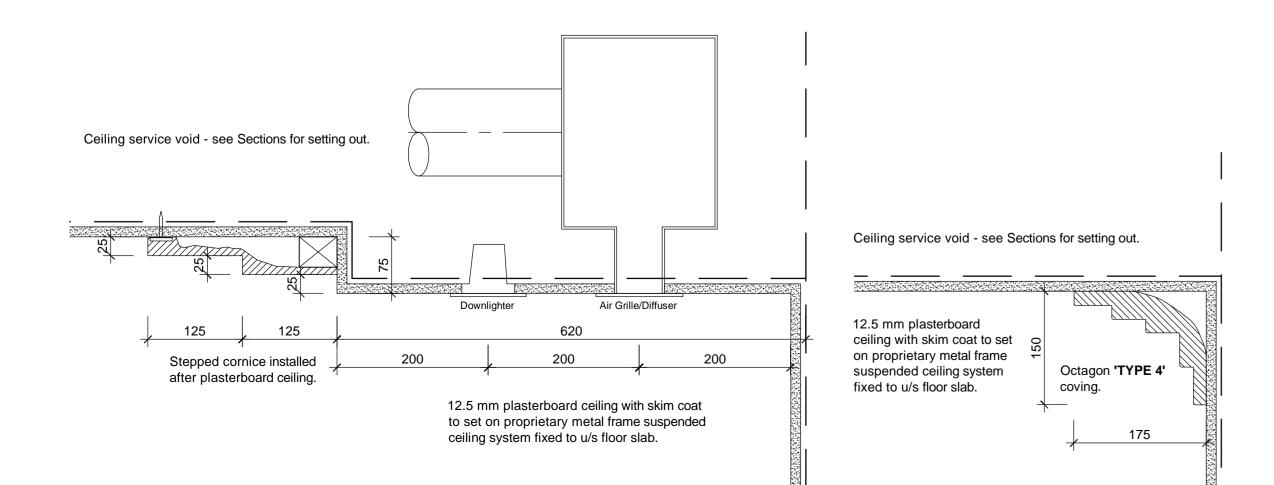
UNDERFLOOR HEATING TO BE PROVIDED THROUGHOUT

N.B. REMOTE MECHANICAL VENTILATION DETAILS TO BE ADDED AT A LATER DATE

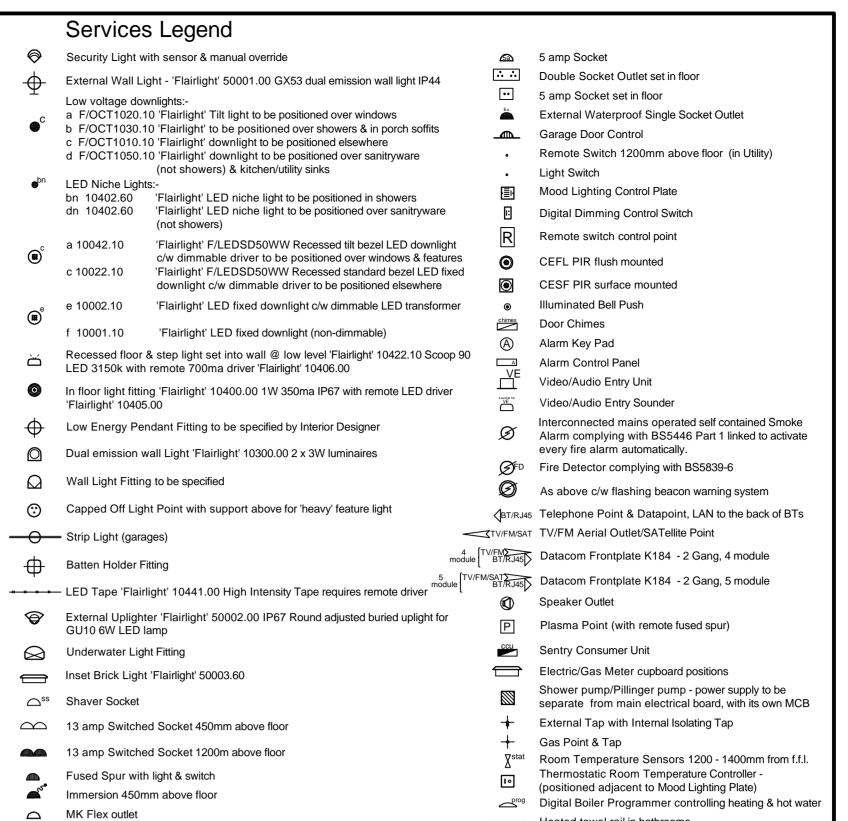
Zoned Mood Lighting to be provided in:- all Ground Floor receptions rooms, Pool Complex, Cinema, Entertainment Room, Gym & all 1st Floor Bedrooms, Hall & Landings



All external lights to be on a photo electric cell with manual override



NB: a remote power supply for any LCD mood lighting plates should be fitted adjacent to the dimming racks



'Low energy' fittings must have a minimum of 5 Watts per fitting, with a minimum of 45 Lumens per Watt. Each fitting must also have a minimum of 400 Lumens

Surveillance Camera

Supply for future lighting

'Flairlight' F/228332 1w 350ma LED light IP67 for wall & floor mounting - requires remote LED driver

Heated towel rail in bathrooms

Dimplex Heater with fused spur

Ceiling Fan

Note:-

All electrical sockets, TV outlets, BT points, alarm panels, lights switches and other service outlets are to be fitted within a zone of 450mm and 1200mm from finished floor

Do not scale dimensions from this drawing.

Kitchen & Bathroom ventilation Mechanical ventilation to kitchens and bathrooms to be provided. Extraction rate to kitchens to be min. 30 litres/second and provided by an extraction cooker hood or an extraction fan with a min. extraction rate of 60 litres/second Extraction rate to bathrooms to be min. 15 litres/second achieving 3 air changes with a 15 minutes over run.

Plumbing & Heating Regulations All works to comply with Octagon Developments Ltd., standard specification, the model water byelaws, BS6700 and the specific requirements of the Local Water Authority. A mains fed system shall only be installed when the running pressure in the water authority main is not less than 3 bar G with a min. flow rate of 50 litres/minute.

NB see separate drawings for radiator and towel rad locations.

RESPONSIBILITY TO CHECK THE ABOVE

IT SHALL BE THE CONTRACTORS

REQUIREMENT WITH THE WATER

All electrical work required to meet the requirements for Part P (Electrical Safety) must be designed, installed, inspected and tested by a person competent to do so.

Prior to completion the council should be satisfied that Part P has been complied with. This may require an appropriate BS 7671 electrical installation certificate to be issued for the work by a person competent to do so.

This drawing should be read in conjunction with Fire Risk Assessment ref: TN/10404/01A

AUTHORITY.

All lights located in the 1st Floor ceiling of a 3 storey dwelling should be 'Fire Rated' please refer to lighting schedule for references.

All lights located in the 1st Floor ceiling of a 2 storey dwelling should be fitted with an 'air tight box'.

Construction Issue



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First Floor **Services Layout**

Construction Jul '13 Drawing number Job number 2022

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