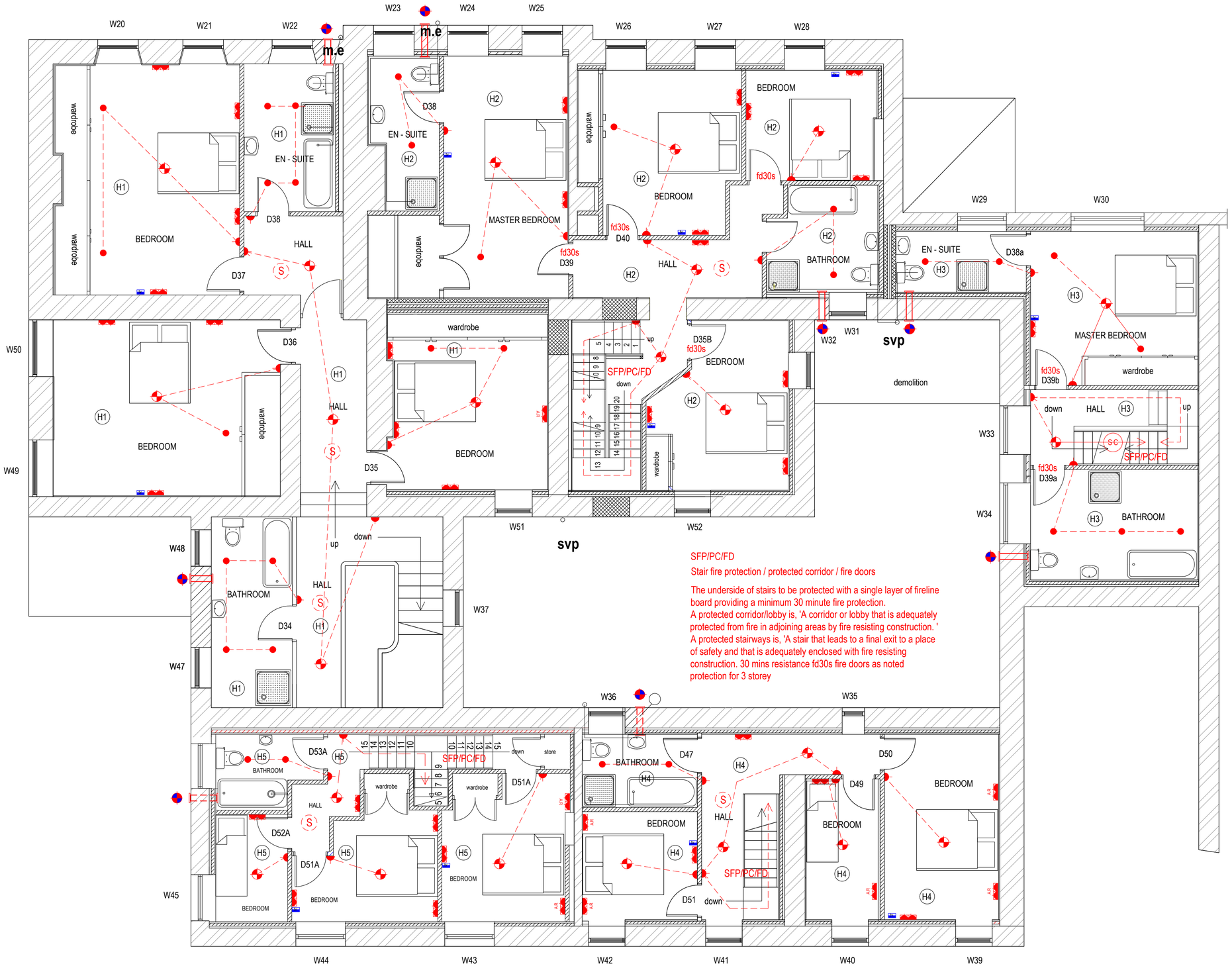

NB :

The information provided on the electrical layout drawings are indicative only of the required positioning for the individual fittings. The electrical installation is to be designed, installedand commisioned by a competent electrical engineer who is to be part p registered. Design and installation to include all ancillaries and fittings to allow the system to be commissioned and fully operational, spurs etc are not indicated, the layout may be added to / changed / amended, during installation and design.

LEGEND

- Mechanical extract fan with associated isolater
- Twin wall socket
- Ceiling mounted low energy pendant light fitting
- Low energy recessed downlighter
- Single / 2 gang light switch
- Single / 1 gang light switch
- Television / satellite aerial outlet
- (S) Mains operated smoke detector (battery back up)
- (T) Telephone socket
- Twin wall socket work top height
- Twin wall socket work top height (acoustic rated) A.R
- Twin wall socket work (acoustic rated) A.R
- (SC) Site check staircase
- (fd30s) Fire door

Internal stairs, landings and changes in level of 600mm or more

Stairs to be constructed (and finished) in materials to Clients choice to BS 5395 & BS 585
Stair pitch not to exceed 42° and design to be based upon dimensions taken from site and drawing.
Rise and going to be level and equal to all steps and to fall within the following separate classes:-
Any rise between 155mm-220mm used with any going between 245mm- 260mm,
or Any rise between 165mm-200mm used with any going between 223mm- 300mm.
(Twice the rise plus the going must be between 550 & 700mm)

Stair to have a minimum headroom of 2000mm above stair pitch line and to be provided with landings clear of any door swing top and bottom equal in length to the width of the stairs. If doors open across a bottom of a landing- a clear 400mm space must be maintained across the width of the flight.
Handrails must be provide, at a height 900-1000mm above floor/nosing levels and continuous throughout their length suitable for disabled persons.
All guarding is to be at a minimum height 900mm above floor/nosing levels and continuous throughout their length, with non climbable vertical balustrading, no gaps to exceeding 100mm and all constructed to resist a horizontal force of 0.36kn/m. All open treads, gaps etc should not exceed 100mm.
Typical staircase construction details: side strings ex. 230 X 35mm, capping ex. 32 X 63mm, treads 25mm thick, risers in 12.5mm thick plywood, newel posts ex. 75 X 75mm, handrails ex. 75 X 63mm, balustrades ex. 32 X 32mm at 125mm ctrs fixed into proprietary timber head & base rebated capping.

This Approved Document (R) introduces a new requirement for in-building physical infrastructure which enables copper or fibre-optic cables or wireless devices capable of delivering broadband speeds greater than 30 Mbps to be installed.

The requirement applies in England to new buildings and to existing buildings that are subject to major renovation works and applies both to dwellings and to buildings other than dwellings.

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Drwg No :	DS/TMS/7A/21		REVISION B1
Date :	July 22 Checked By : DS		
Scales :	Elevations :	Detail :	PROPOSED FIRST FLOORS, LAYOUT / ELECTRICAL PLAN
	Floor Plans : 1 : 50	Title :	CONVERSION OF HENSINGHAM HOUSE AND
	Block Plan :		ASSOCIATED BUILDINGS
	Location Plan :	Address :	HENSINGHAM HOUSE, HENSINGHAM, WHITEHAVEN
	Sections :		CUMBRIA .