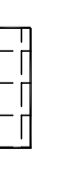
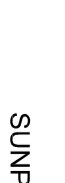

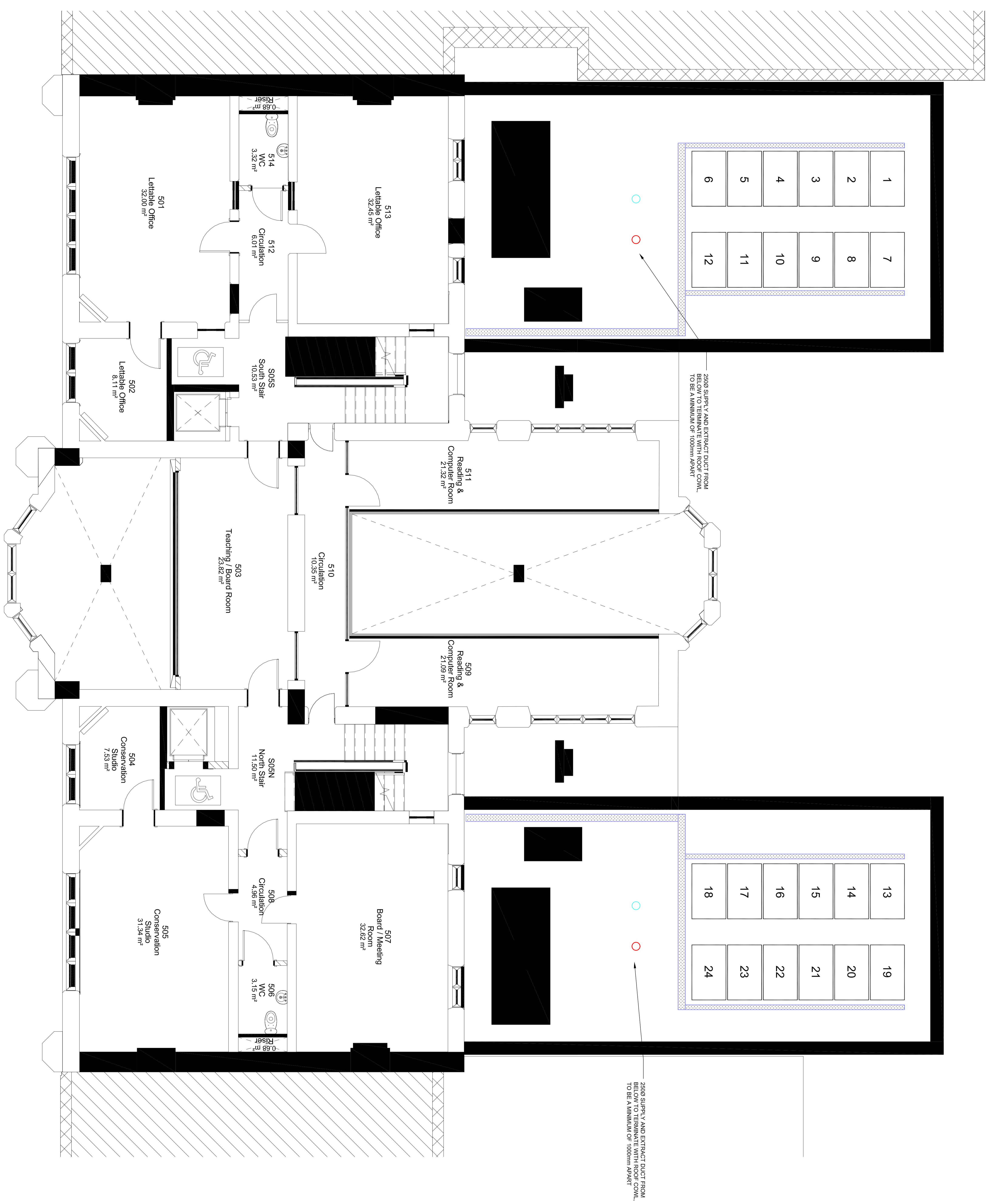


LEGEND

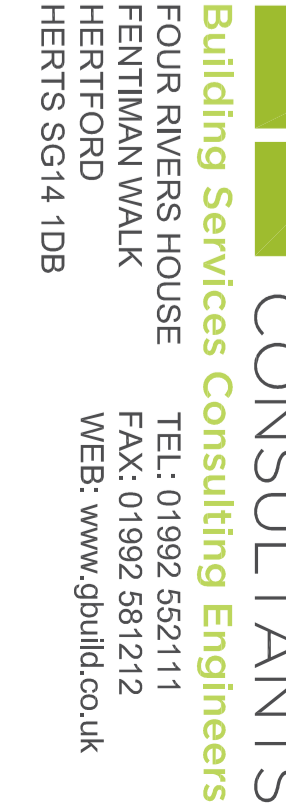
-  SUNPOWER MAXICON 3 PV PANEL 1:-
-  SFR-44AS-40-COM SUPPLY DUCTWORK
-  EXTRACT DUCTWORK

NOTES

1. THE CLIENT REQUESTS A MAX OF SOLAR ENERGY TO BE GAINED BY THE BUILDING. HOWEVER, THE PANELS ARE NOT TO BE GAINED BY THE BUILDING. THE PANELS HAVE BEEN CARRIED OUT TO ACHIEVE THE MAXIMUM SOLAR ENERGY GAIN. HOWEVER, THIS CALCULATION IS BASED ON THE ASSUMPTIONS IN THE DRAWING IS SHOWN OFF OF THIS CALCULATION.
 - 1 PANEL = 400W
 - 24 PANELS = 9.6kW
2. ARCHITECT TO DETAIL EDGE PROTECTION REQUIRED TO FACILITATE THE MAINTENANCE OF ROOF MOUNTED PANELS.
 - HENCE A MINIMUM OF 2% OF THE SPECIFIED PANELS ARE REQUIRED. ANY CHANGE IN THE DESIGNED SOLAR ENERGY OR IN THE PANELS WILL LEAD TO BOTH THIS CALCULATION AND DRAWING BECOMING INVALID.



REV	DATE	DESCRIPTION	APP



Client
DR WILLIAMS TRUST

Design/Drawn GP
Scale 1:50 @ A0

Checked MB
Date JULY 2019

Site Location
 DR WILLIAMS LIBRARY
 14 GORDON SQUARE
 BLOOMSBURY, LONDON, WC1H 0AR

Title
 ROOF
 PROPOSED PV PANEL LAYOUT

Submit
FOR INFORMATION

Eng No W82-GBE-Z1-03-DR-E-405
Rev P01