



System size 99.22 kWp	Number of Panels 242
System Output 90 kW	Module Model Canadian Solar 410W CS6R-410MS
Inverter SolarEdge 90kW Synergy Manager	Optimizer S1000
System Rated Current 130.50 A	Peak Current 163.13 A
Open circuit voltage (Voc) 37.2 V	Short circuit current (Isc) 14.01 A
Max power voltage (Vmp) 31.2 V	Max power current (Imp) 13.15 A

Revision History		
No.	Date	Comment
A	13/10/2023	First issue.
B	26/10/2023	Flat roof section removed.

Project
 Coach Lane Library
 Northumbria University
 Coach Ln
 Newcastle upon Tyne
 NE7 7XA

Client
 Equans

Drawing Description
 Photovoltaic System Schematic

Revision	A			
Status	Job reference			
Preliminary	C3069			
Scale	Original size			
NTS	A3			
Drawn by	Date			
AD	13/10/2023			

