



**Notes**

PV Plant: RSB - Harrow Area  
 Location: Saint Phillip, Barbados  
 UTM convergence: -0.5621 °  
 Altitude: 5813 m  
 Peak Power: 50 MWp  
 Rated Power: 42.6 MWac  
 Grid Connection : 13 MW  
 TOTAL Area : 73.4 ha  
 Spare grazing area : 10.6 ha  
 Operated Area : 61.2 ha  
 Green areas may be used during construction for temporary storage or facilities  
 Solar Grazing : Sheep will be allowed to graze on all the operated area except the HYPE Area

**Legend**

- HDF Fuel Cell (1.5 MW each)
- Electrolyzer (4MW each)
- H2 Storage Tanks (Stacked by 2)
- Batteries
- ICPE Fences
- Nitrogen Storage
- Cooling System
- Water Treatment Plant
- Battery's Transformer
- Fire Water Storage
- Water Pond
- Cooling Water Pipes
- Water Pipes
- Hydrogen Pipes
- Electrical Cable
- Overhead Pipe Rock
- Main Road
- Pressure Release
- Colors indicate solar field connection to each power station
- Mounting structure
- Fodder pasture
- Fence Lines

REV	DESCRIPTION	BY	DATE
0g	Preliminary design	DF	2022-02-09
00	FIRST VERSION	RP	2021-07-01

**Preliminary Design (for information only)**

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CLIENT:

PROJECT: RSB - Harrow Area

DRAWING: RNW-602-02-501-0g-RSB-H-  
 General plant layout

SCALE: 1 : 10000  
 SHEET: 1 / 1

REVISION: 0g  
 DATE: 2022-09-02

DIN A3