



LEGEND

- PROJECT AREA
- PERIMETER FENCING
- ROADS
- ▭ STRUCTURES
- ▭ POWER STATIONS
- PLANT SUBSTATION
- O&M BUILDING
- WAREHOUSE

Power block type	Block A	Block B	Block C
PV module:	JAM72D20-460/MB	JAM72D20-460/MB	JAM72D20-460/MB
Module power:	460	460	460
Inverter:	recon Sun 1600TL C	recon Sun 1600TL C	SG3150U-MV
Nº modules/string:	27	27	27
Nº Inverters:	2	1	1
Nº Strings/inverter:	270	270	270
Nº Strings:	540	270	270
Nº modules:	14580,0	7290,0	7290,0
Peak power (kWp):	6706,8	3353,4	3353,4
Nominal power (kVA):	6252,0	3126,0	3036,0
Ratio Pp/Pn cos φ=1:	1,073	1,073	1,105
Structure number:	135,000	67,500	67,500

Project data:		PV plant summary:	
Project name:	Fleming	Structure type:	HSAT single row
Country:	ited States Of Amer	Module technology:	MonoPERC / Bifacial
COD Date:	Q1 2023	Inverter technology:	Central
Site information:		1/GCR:	3,00
Zone/Datum:		Tilt:	+55
Latitude/UTM-X:	38,429319	Nº Block A:	33
Longitude/UTM-Y:	-83,784701	Nº Block B:	3
Altitude (m.a.s.l.):	300	Nº Block C:	1
Area (ha):			
Structure		Total structures:	4725,0
Manufacturer:	Not defined	Total modules:	510300
Nº modules/structure:	108/54	Total strings:	18900
Module position:	1P	Pmax connection point (kW):	188000,0
Structure elevation:	2	P inverter nominal (kVA):	218730,0
PV module size:		Total peak power (kW):	234738,0
JAM72D20-460/MB	2,148 x 1,06	Ratio Pp/Pn POI:	1,249
		Ratio Pp/Pinv cos (φ)=1:	1,073

REV.	BASED ON LAYOUT	DATE	PURPOSE	DESCRIPTION	EXTERNAL LOGO	DATUM	PROJECTION	SCALE	PROJECT	TITLE	DESIGNED	DRAWN	CHECKED	VERIFIED	APPROVED	
1.5	C02172_P_AE_EN_CST_ERR_990000001	1.5	2021/02/11	FOR INFORMATION	acciona	WGS84			FLEMING SOLAR		N/A	P.G.B.	N/A	N/A	N/A	
1.4	C02172_P_AE_EN_CST_ERR_990000001	1.4	2020/11/04	FOR INFORMATION		17N			GENERAL LAYOUT							
1.3	C02172_P_AE_EN_CST_ERR_990000001	1.3	2020/10/27	FOR INFORMATION												
1.0	C02172_P_AE_EN_CST_ERR_990000001	1.0	2020/07/17	FOR INFORMATION												
									ACCIONA CODE	EXTERNAL CODE	DRAW.NUMBER	REVISION	SHEET	DATE	PAPER	
									-	N/A	N/A	1.5	01 OF 01	2021/02/11	A3	