



- Modules (310W)
- Inverter
- Minisub (Includes MV Transformer and MV CB)
- Temperature Sensor
- Pyranometer
- LV DC Cable Path
- LV AC Cable Path
- MV AC Cable Path
- Delivery Point
- AC DB
- Schneider RMU
- Metering Point

Inverters (25k String inverters):
 18 Modules per String
 5 Strings

18 Inverters per Transformer
 1 Transformers

Total numbers:
 DC Power[kWp]: 502.2
 AC Power[kW]: 450
 Modules: 1620
 Inverters: 18
 Transformers: 1

Cables:
 Strings: 6mm² Cu PVC (+ & -): 4800m
 Inv to DB: 25mm² Cu 4 Core: 1883m
 DB to Tx: 1X240mm² Cu 4 Core: 10m
 AC (MV): 35mm², 3 core Cu, PILC: 420m
 Cable Lengths are estimates and need to be confirmed on site.

- Structural:
- Fixed Tilt: 25°
 - Pitch: 7 m
- Project Site Boundary
 - 4m Fire Zone
 - Internal Access Roads (3.5m Wide)
 - External Access Roads (3.5m Wide)
 - Roads Mid-Line

GPS Reference Points

Bench Mark:	Y: 22355.34,	X: 3186100.23
Corner Ref1:	Y: 22369.34,	X: 3186092.15
Corner Ref2:	Y: 22361.44,	X: 3185985.32
Corner Ref3:	Y: 22547.45,	X: 3185905.63
Corner Ref4:	Y: 22643.97,	X: 3185953.67
Corner Ref5:	Y: 22448.57,	X: 3186120.92
Pile (R1C1):	Y: 22376.76,	X: 3186009.92

See WC044-022-Pile Positions and WC044-Pile Coordinate Schedule for Pile Coordinates

Notes:

Revisions			
Rev	Date	Description	By
00	5/5/2016	Initial	IB



DESCRIPTION:
ACSA KIMBERLEY AIRPORT

DRAWING:
Overall Module Layout

SCALE:	DATE: 5/5/16	Drawn: IB
DESIGNED: IB	MODIFIED:	JB
VERIFIED:	APPROVED:	

ISSUED FOR:
As Built

BRAND DRAWING NUMBER:
WC044-001

SCALE: **1:460 (A3)** REV. NO: **00**

