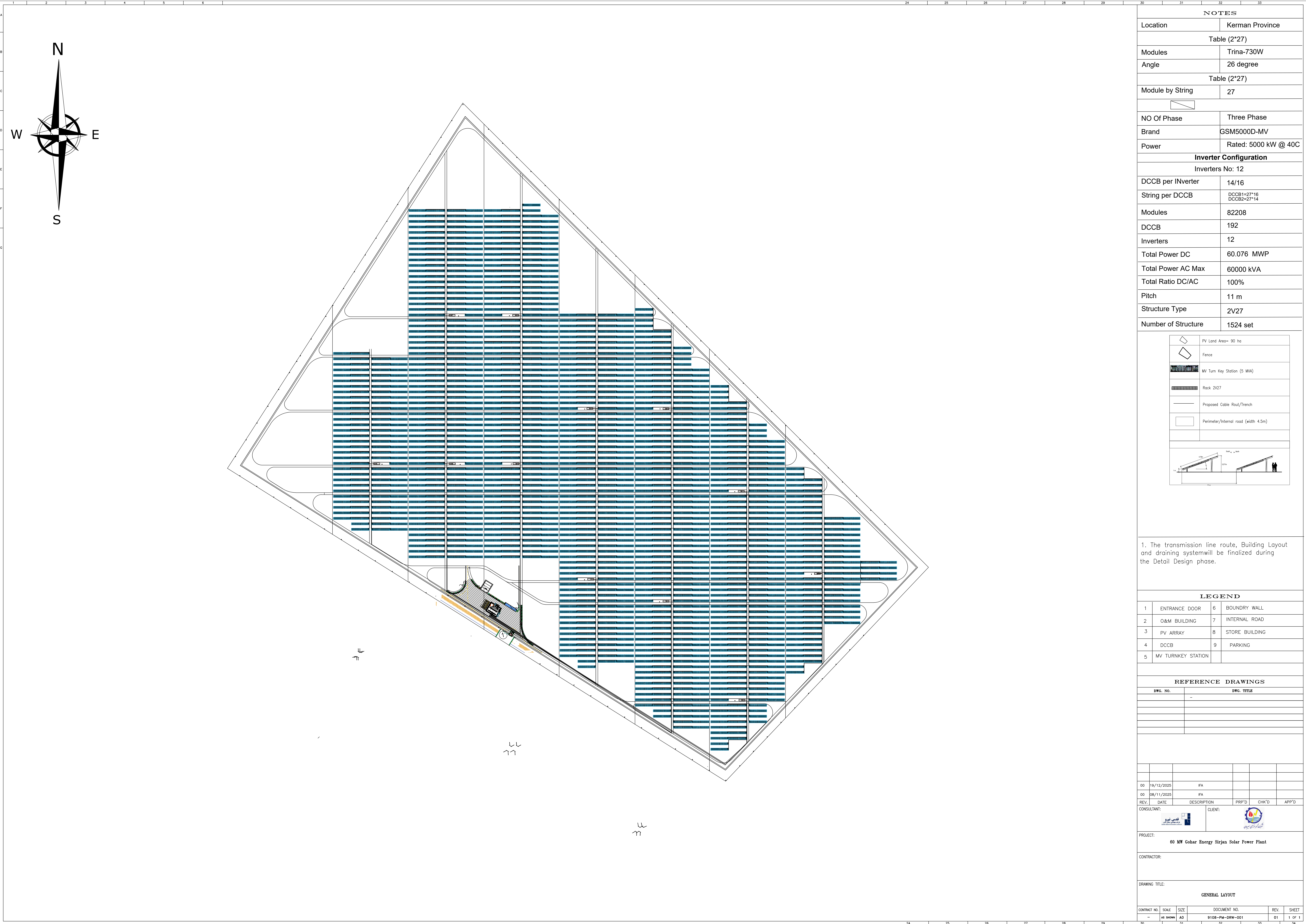




NOTES	
Location	Kerman Province
Table (2*27)	
Modules	Trina-730W
Angle	26 degree
Table (2*27)	
Module by String	27
NO Of Phase	Three Phase
Brand	GSM5000D-MV
Power	Rated: 5000 kW @ 40C
Inverter Configuration	
Inverters No: 12	
DCCB per INverter	14/16
String per DCCB	DCCB1=27*16 DCCB2=27*14
Modules	82208
DCCB	192
Inverters	12
Total Power DC	60.076 MWP
Total Power AC Max	60000 kVA
Total Ratio DC/AC	100%
Pitch	11 m
Structure Type	2V27
Number of Structure	1524 set

PV Land Area= 90 ha

Fence

MV Turn Key Station (5 MVA)

Rack 2V27

Proposed Cable Rout/Trench

Perimeter/Internal road (width 4.5m)

1. The transmission line route, Building Layout and draining system will be finalized during the Detail Design phase.

LEGEND			
1	ENTRANCE DOOR	6	BOUNDRY WALL
2	O&M BUILDING	7	INTERNAL ROAD
3	PV ARRAY	8	STORE BUILDING
4	DCCB	9	PARKING
5	MV TURNKEY STATION		

REFERENCE DRAWINGS	
DWG. NO.	DWG. TITLE

00	19/12/2025	IFA							
00	08/11/2025	IFA							
REV.	DATE	DESCRIPTION	PRP'D	CHK'D	APP'D				
CONSULTANT:		CLIENT:							
PROJECT:									
60 MW Gohar Energy Sirjan Solar Power Plant									
CONTRACTOR:									
DRAWING TITLE:									
GENERAL LAYOUT									
CONTRACT NO.	SCALE	SIZE	DOCUMENT NO.	REV.	SHEET				
-	AS SHOWN	A0	9108-PM-DRW-001	01	1 OF 1				