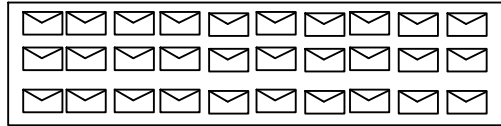
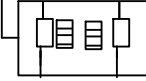
 Contracting Authority : ICRC - CICR IRAQ BAGHDAD Delegation	Designer : Eng. : Saleem Khaleel AL-Qaiem Position : WatHab Electrical Engineer E-mail : Skhaleelkareemhasn@icrc.org mobile : +964(0)7801432957	Location : Bzibiz Settlement Coords : Sector 4 Location : AL-Anbar Gov.	Project name : Bzeibiz Settlement Title :Single power Diagram for sector 3	Scale				
				Rev	Des.	Date	Approval	Signature
				1		15.02.2026		
				2				
				3				
4								
A01								

Solar Modules
615 Watt

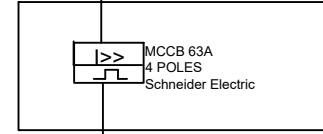


Combiner



From National Grid
(NG)

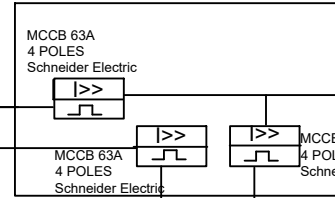
Twisted Cable
4x35 mm² (30m)



MEP1

Cable 4x16 mm²

MEP2



Hybrid Inverter
20 KW
3 phase

DC MCB

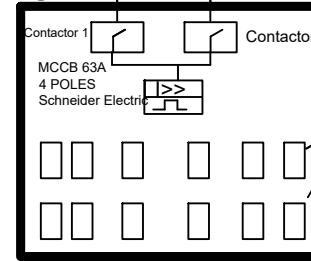


Battery Bank
LiFePo4
15.3 KWH




RO Unit
Electrical Panel

MCP



Power & Control
Devices

 Contracting Authority : ICRC - CICR IRAQ BAGHDAD Delegation	Designer : Eng. : Saleem Khaleel AL-Qailem	Location : Bzibiz Settelment Coords : Sector 4 Location : AL-Anbar Gov.	Project name : Bzeibiz Settelment Sigle Line Power Diagram for Sector 4	Scale Rev Des Date Approval Signature 1 03.05.2026 2 3 4	<h1>AO2</h1>
	Position : WatHab Electrical Engineer E-mail : Skhaleelkareemhassn@icrc.org mobile : +964(0)7801432957				