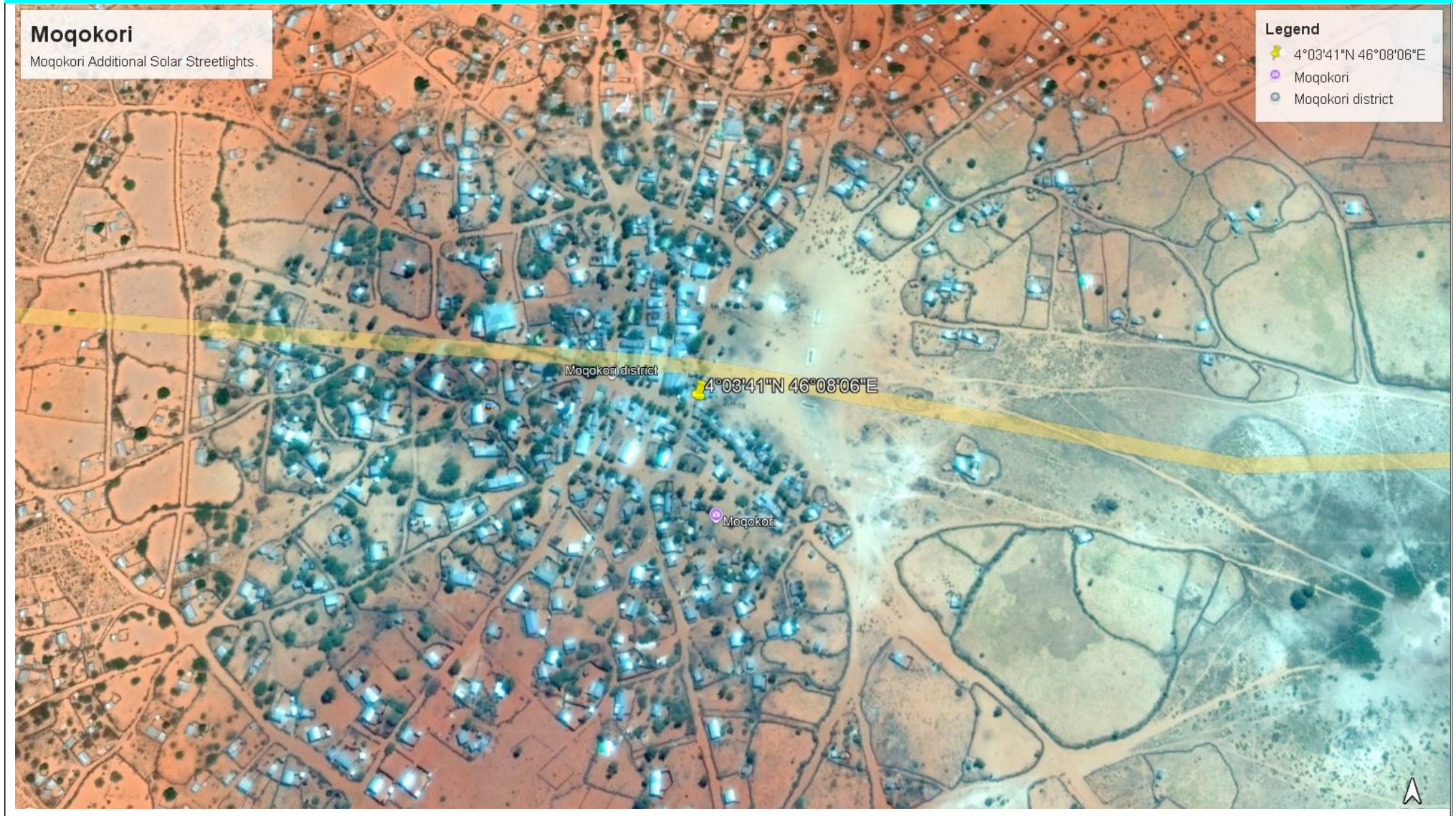
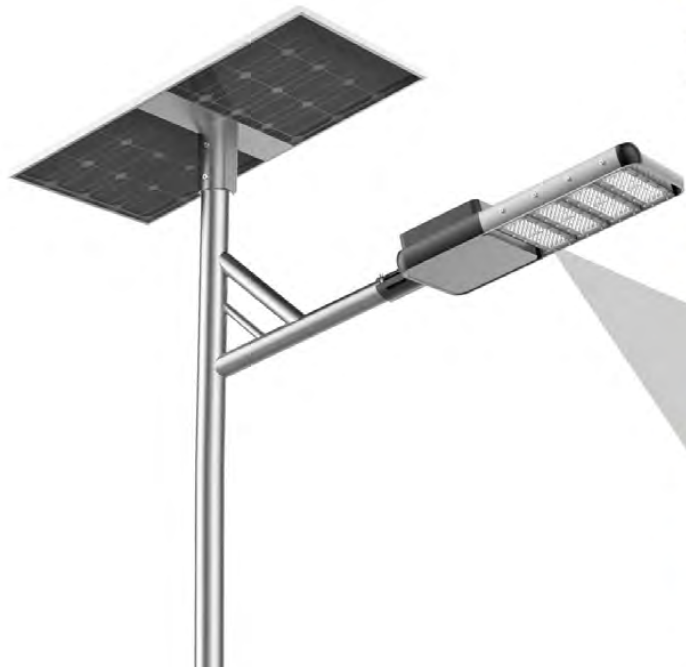


PROPOSED OF INSTALLATION ADDITIONAL SOLAR STREETLIGHTS IN MOQOKORI TOWN, Hirshable State of Somalia.



High Lumens Led Lamp



170LM/W High Efficiency Bridgelux Led Chip

- 100,000 hours Lifetime
- Bat-wing+Polarized lens, patented lens specially designed, better illumination uniformity improve light effect.



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International Airport (AAIA), Mogadishu,
Somalia

Nairobi Support Office | Ngecha Rd, off
Lower Kabete Road, Nairobi, Kenya

PO Box 1810 – 00606, Nairobi, Kenya

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GENERAL NOTES.

1. All dimensions are to be checked on site. Any discrepancy in dimensions is to be reported to the architect before any work commences. The Architect's drawings and specifications over rule any other. the Structural Engineers detail drawings.
2. All construction work to comply with the international standards codes protection.
3. The PV denotes permanent ventilation and must be provided above all doors and windows where indicated.
4. All walls less than 200mm thick are to be reinforced with hoop iron sheet every alternate course.
5. All reinforced concrete works to be done according to structural detail drawings

Client: Hirshabale State of Somalia.



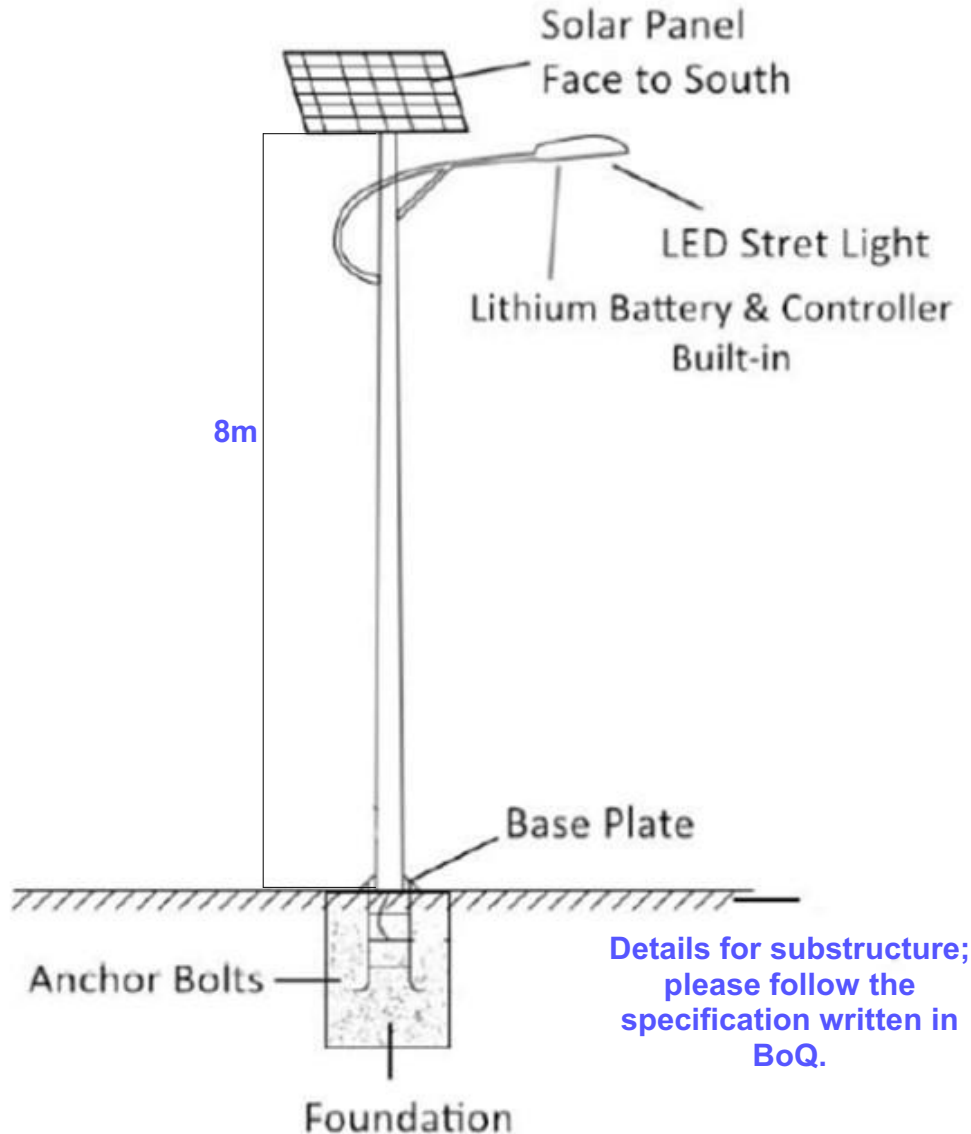
DONOR: **Rapid Stabilization Support (RSS).**

Project Name: **PROPOSED OF INSTALLATION ADDITIONAL SOLAR STREETLIGHTS IN MOQOKORI TOWN,**

Drawing title: **Layout of LED Lamp.**

Scale: AS SHOWN.
Design and Drawing by: Eng Awil.
Reviewed By: Eng Duale.
DATE: OCT 2024.

Installation



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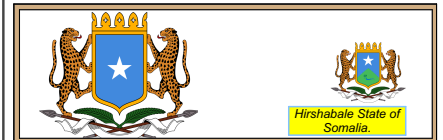
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Client: Hirshabale State of Somalia.



DONOR: **Rapid Stabilization Support (RSS).**

Project Name: **PROPOSED OF INSTALLATION ADDITIONAL SOLAR STREETLIGHTS IN MOQOKORI TOWN.**

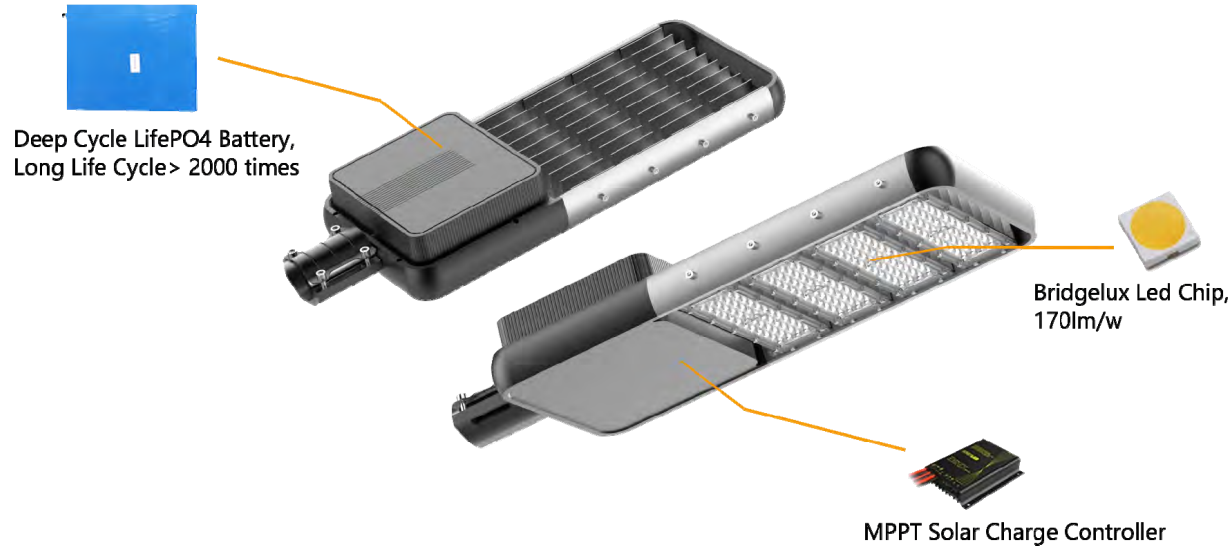
Drawing title: **Section view of Solar pole.**

Scale: AS SHOWN.
 Design and Drawing by: Eng Awil.
 Reviewed By: Eng Duale.
 DATE: OCT 2024.

120W Semi-Integrated Solar Street Lights.

A split solar led solar street light, composed of led lamp, battery, solar panel and controller.

Solar Street light components.



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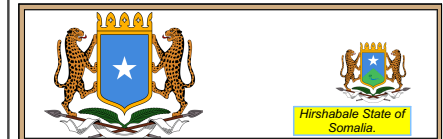
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Client: Hirshabale State of Somalia.



DONOR:
*Rapid Stabilization Support
(RSS).*

Project Name:
**PROPOSED OF INSTALLATION ADDITIONAL SOLAR
STREETLIGHTS IN MOQOKORI TOWN,**

Drawing title:
Solar Components.

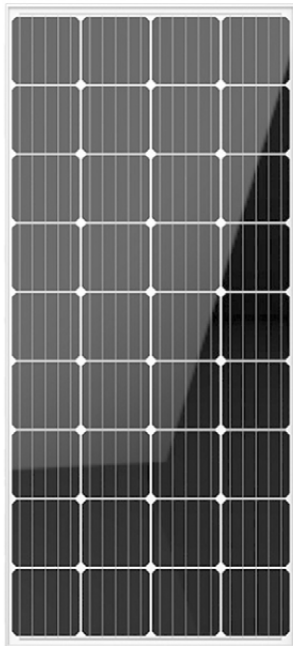
Scale: AS SHOWN.

Design and Drawing
by: Eng Awil.

Reviewed By: Eng Duale.

DATE: OCT 2024.

High Efficiency Mono Solar Panel



*picture just for sample show here

- Monocrystalline Silicon Solar Panel
- >21% Photoelectric conversion efficiency
- 25 yearsr lifespan



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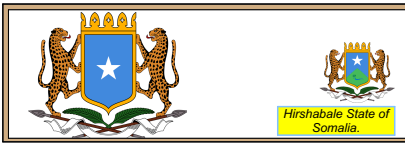
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Client:	Hirshabale State of Somalia.
	
DONOR:	<i>Rapid Stabilization Support (RSS).</i>
Project Name:	PROPOSED OF INSTALLATION ADDITIONAL SOLAR STREETLIGHTS IN MOQOKORI TOWN,
Drawing title:	Solar Panel
Scale:	AS SHOWN.
Design and Drawing by:	Eng Awil.
Reviewed By:	Eng Duale.
DATE:	OCT 2024.

Semi Integrated Solar Street Light

Specifications	
Model	MK-SSC-100
LED Number	192units
Nominal Power	100W
Battery Spec.	LifePO4 Battery(12.8V 54AH)
Solar Panel Spec.	18V 130W(Imported High-Efficiency Monocrystalline Silicon)
LED Brand	Bridgelux 3030 High-Efficiency LED Chip
Lamp efficiency	170lm/w
Luminous Flux	17000lm
Viewing Angle	140°
CCT	2700-6500K
Charge time	5-6 hours by bright sunlight
Discharge time	12hours/day,backup 5-7 days
Discharge Temperature	-20°C~+60°C
Charge temperature	<60°C
Lighting mode	3hrs 100% brightness+2hrs 80% brightness+7 hrs 25% brightness



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Client: Hirshabale State of Somalia.



DONOR: **Rapid Stabilization Support (RSS).**

Project Name: **PROPOSED OF INSTALLATION ADDITIONAL SOLAR STREETLIGHTS IN MOQOKORI TOWN,**

Drawing title: **Specification.**

Scale: **AS SHOWN.**

Design and Drawing by: **Eng Awil.**

Reviewed By: **Eng Duale.**

DATE: **OCT 2024.**