

PROPOSED INSTALLATION OF STREET LIGHTS -
AFMADOW ROAD AND DAJINTA ROAD IN BULA-GADUD
VILLAGE, JUBALAND STATE, SOMALIA



BULA-GADUD
VILLAGE

Streetlights

Proposed installation of streetlights @ afmadow road and dajinta road - Bula-gadud-

Legend
 point)
 road



Google Earth
 Image © 2018 DigitalGlobe

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



No:	Date:	Description:
REVISION		

Implemented by:



International Organization for Migration (IOM)
The UN Migration Agency

Client:

THE FEDERAL REPUBLIC OF SOMALIA JUBALAND STATE, BULA-GADUD VILLAGE

Project Title:
 PROPOSED INSTALLATION OF STREETLIGHTS - IN BULA-GADUD VILLAGE, JUBALAND STATE, SOMALIA

Drawing Title:
SITE ANALYSIS

SCALE:	AS SHOWN
DATE:	NOVEMBER 2018
DRAWN BY:	ENG. Duale Salah
REVIEWED BY:	

Sheet No.
03/11
 A3

AFMADOW ROAD GPS DATA

LABEL:	LOCATION:
A S - 0° 4'19.25" E - 42°34'20.32"	Point A - Start Point
B S - 0° 4'26.92" E - 42°34'15.59"	Point B - Mid Point
C S - 0° 4'33.28" E - 42°34'9.52"	Point C - End Point

DAJINTA ROAD GPS DATA

LABEL:	LOCATION:
A S - 0° 4'34.34" E - 42°34'22.05"	Point A - Start Point
B S - 0° 4'35.62" E - 42°34'15.81"	Point B - Mid Point
C S - 0° 4'36.93" E - 42°34'9.46"	Point C - End Point

SITE ANALYSIS OF AFMADOW ROAD AND DAJINTA ROAD



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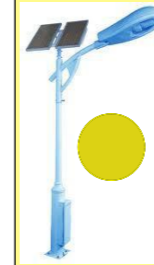
Drawing Title:
SITE PHOTOS

SCALE:	AS SHOWN
DATE:	NOVEMBER 2018
DRAWN BY:	ENG. Duale Salah
REVIEWED BY:	

Sheet No.
06/11
A3

FULL - STRETCH TRAVERSE PLAN (Length = 0.5KM) AFMADOW ROAD

LEGEND:



PROPOSED LOCATION OF
SOLAR STREET LIGHT
(12 POLES)

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International Organization for Migration (IOM)
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Client:



THE FEDERAL REPUBLIC
OF SOMALIA



JUBALAND STATE,
BULA-GADUD VILLAGE

Project Title:

PROPOSED INSTALLATION OF
STREETLIGHTS - IN BULA-GADUD
VILLAGE, JUBALAND STATE, SOMALIA

Drawing Title:

TRAVERSE PLAN

SCALE: AS SHOWN

DATE: NOVEMBER 2018

DRAWN BY: **ENG. Duale Salah**

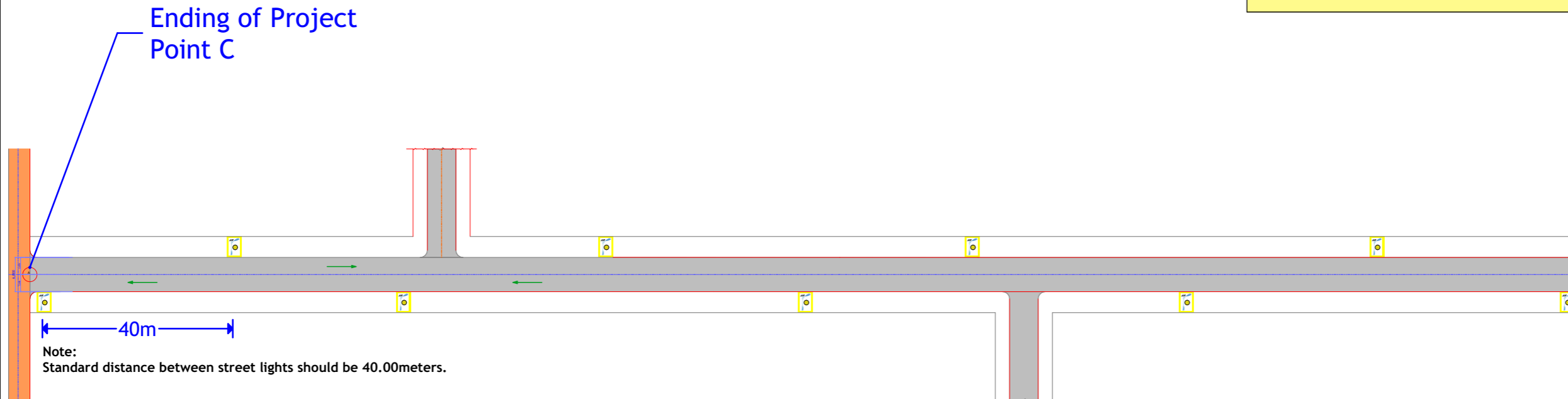
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Sheet No.

07/11

A3

Ending of Project
Point C



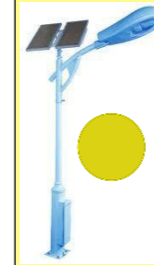
Note:
Standard distance between street lights should be 40.00 meters.

AFMADOW ROAD - TRAVERSE PLAN -

LABEL:	LOCATION:
A S - 0° 4'19.25" E - 42°34'20.32"	Point A - Start Point
B S - 0° 4'26.92" E - 42°34'15.59"	Point B - Mid Point
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FULL - STRETCH TRAVERSE PLAN (Length = 0.4 KM) DAJINTA ROAD

LEGEND:

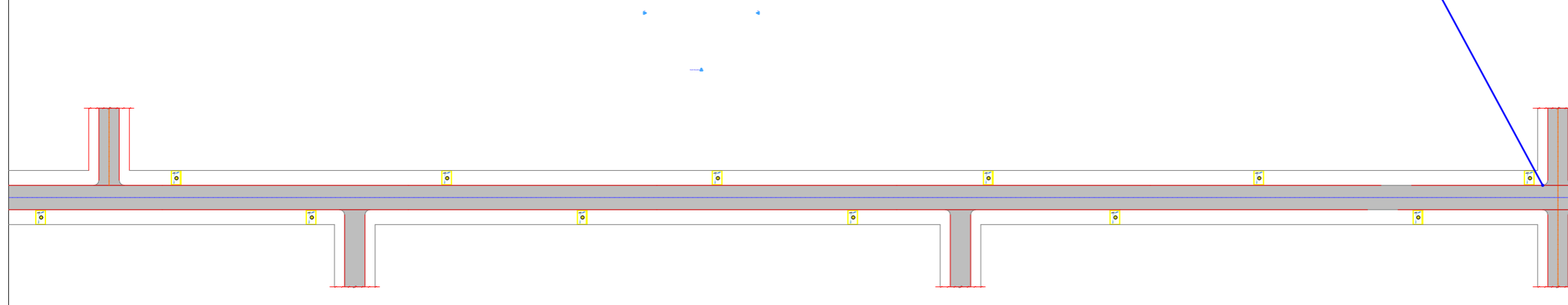


PROPOSED LOCATION OF
SOLAR STREET LIGHT
(10 POLES)

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Starting of Project
Point A



No:	Date:	Description:
REVISION		

Implemented by:



International Organization for Migration (IOM)
The UN Migration Agency

Client:



THE FEDERAL REPUBLIC
OF SOMALIA



JUBALAND STATE,
BULA-GADUD VILLAGE

DAJINTA ROAD — TRAVERSE PLAN —

LABEL:	LOCATION:
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Project Title:
PROPOSED INSTALLATION OF
STREETLIGHTS - IN BULA-GADUD
VILLAGE, JUBALAND STATE, SOMALIA

Drawing Title:
TRAVERSE PLAN

SCALE: AS SHOWN

DATE: NOVEMBER 2018

DRAWN BY: **ENG. Duale Salah**

REVIEWED BY:

Sheet No.

08/11

A3

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Client:




THE FEDERAL REPUBLIC OF SOMALIA JUBALAND STATE, BULA-GADUD VILLAGE

Project Title:
PROPOSED INSTALLATION OF STREETLIGHTS - IN BULA-GADUD VILLAGE, JUBALAND STATE, SOMALIA

Drawing Title:
ROAD CROSS SECTION

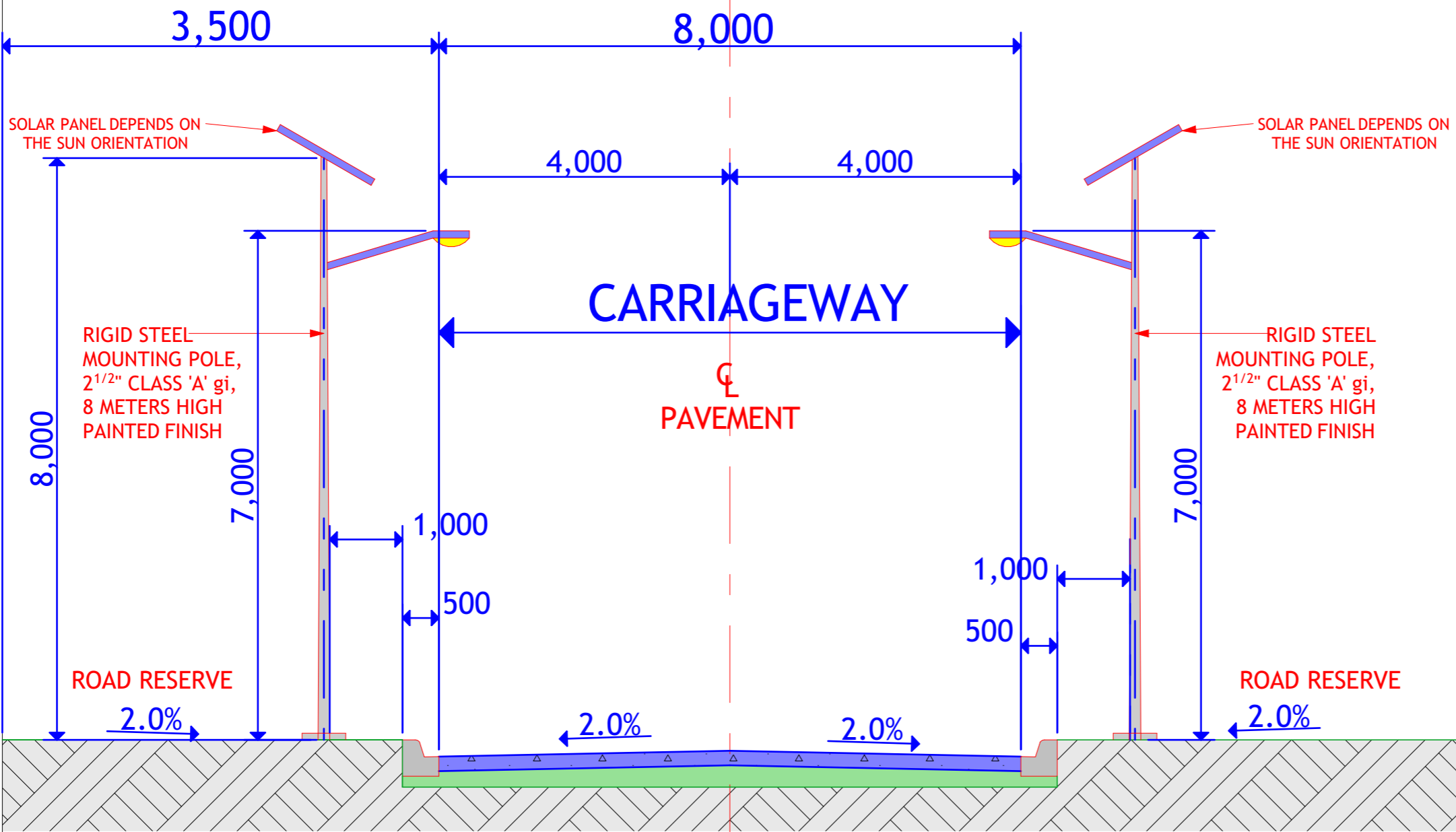
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10/11
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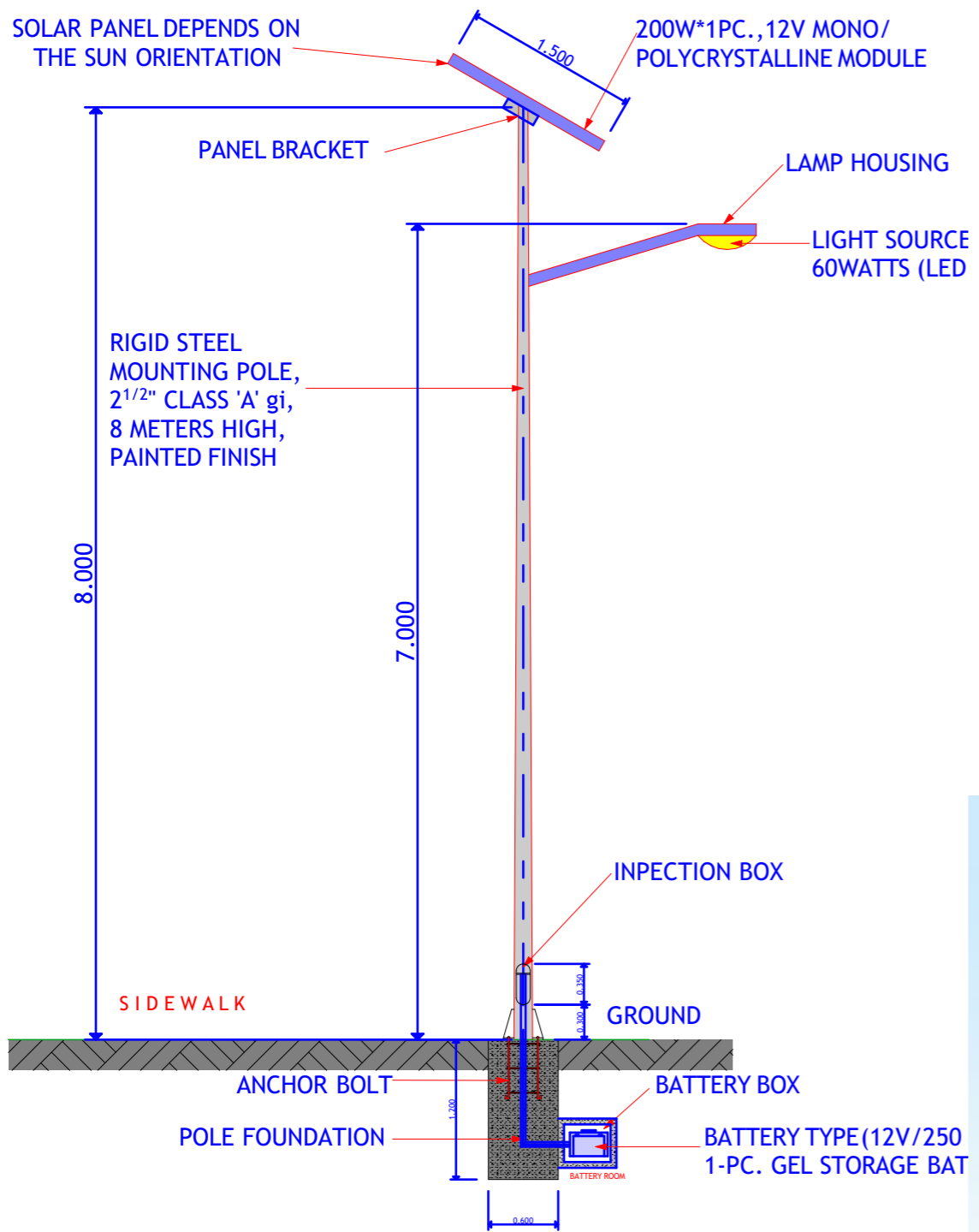
PROPERTY LINE

PROPERTY LINE

ROAD RIGHT OF WAY



TYPICAL ROAD CROSS - SECTION



SOLAR STREET LIGHT
(AS PER MANUFACTURER'S DETAILS)

SOLAR LAMP		60W SINGLE LED SOLAR STREET LIGHT SYSTEM SPECIFICATION
ORDINAL NUMBER	COMPONENTS	PARAMETER GENERAL SITUATION
01	SOLAR PANEL	200W*1PC. MONO/POLYCRYSTALLINE SILICON
02	BATTERY	12V/250AH*1-PC. GEL STORAGE BATTERY
03	LIGHT SOURCE SOCKET	60WATTS (LED) * ONE(1) PC.
04	CONTROLLER	24VOLTS/20AMPERES
05	TEMPERATURE	-40 - 50 DEGREE CELSIUS
06	LIGHTING TIME	3 RAINY DAYS, EVERYDAY 12 HOURS
07	HEIGHT	EIGHT METERS (8M)
08	BATTERY BOX (PLASTIC)	ONE(1) SET (TO BE PUT UNDERGROUND)
09	ACCESSORIES, CABLE, ETC.	ONE(1) SET



DETAILS & SPECIFICATIONS

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Implemented by:

International Organization for Migration (IOM)
The UN Migration Agency

Client:

Jubaland State of Somalia

THE FEDERAL REPUBLIC OF SOMALIA

Project Title:
PROPOSED INSTALLATION OF STREETLIGHTS - IN BULA-GADUD VILLAGE, JUBALAND STATE, SOMALIA

Drawing Title:
DETAILS & SPECS

SCALE: AS SHOWN
DATE: NOVEMBER 2018
DRAWN BY: ENG. Duale Salah
REVIEWED BY:

Sheet No.
11/11
A3