



# BURHAKABA DISTRICT

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PROJECT:

## PROPOSED INSTALLATION OF STREET LIGHT - Burhakaba DISTRICT

CONSULTANT

# DAL\*BILE

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A NATION IS BUILT BY ITS PEOPLE

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SOMALI STABILIZATION INITIATIVES

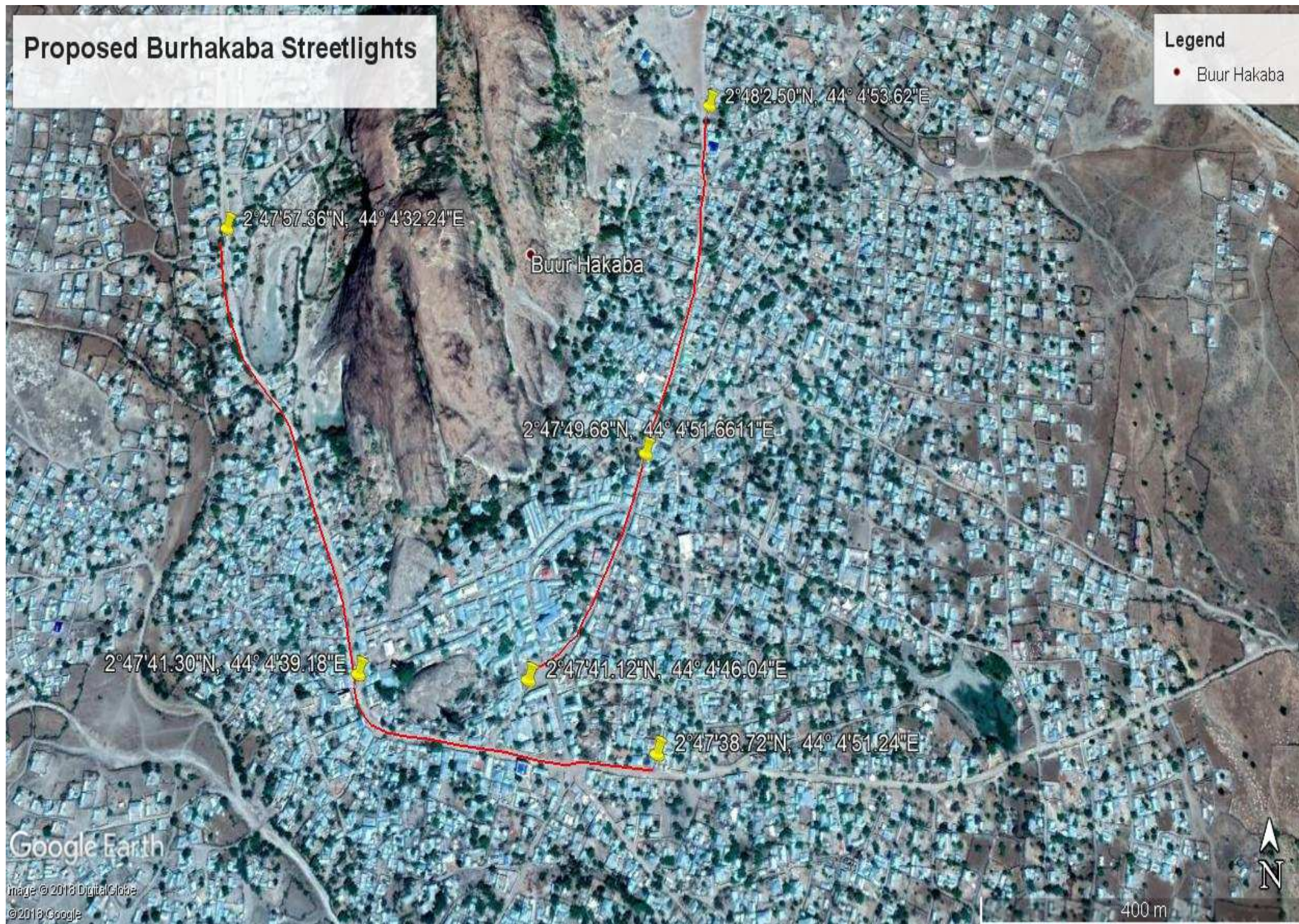
GOVERNMENT



SOUTH WEST STATE of SOMALIA







**SITE PHOTOS**



**HOSPITAL ROAD:**

| LABEL:  | LOCATION:             |
|---|-----------------------|
| <b>A</b> N 02° 47' 38.7531"<br>E 044° 4' 51.2481" | Point A - Start Point |
| <b>B</b> N 02° 47' 41.3556"<br>E 044° 4' 39.1676" | Point B - Mid Point   |
| <b>C</b> N 02° 47' 57.3639"<br>E 044° 4' 32.2408" | Point C - End Point   |

**SUQYARAH ROAD:**

| LABEL:   | LOCATION:             |
|--|-----------------------|
| <b>A</b> N 02° 48' 2.4970"<br>E 044° 4' 53.6158" | Point A - Start Point |
| <b>B</b> N 02° 47' 49.68"<br>E 044° 4' 51.6611"  | Point B - Mid Point   |
| <b>C</b> N 02° 47' 41.1806"<br>E 44° 4' 46.0378" | Point C - End Point   |

**PROJECT LIMITS (Length = 2.5 Kilometers)**

**PROJECT.**

**PROPOSED INSTALLATION OF STREETLIGHTS ALONG HOSPITAL & SUQYARAH ROAD - BURHAKABA DISTRICT-**

|                         |            |
|-------------------------|------------|
| SCALE                   | NTS        |
| DATE                    | APRIL 2018 |
| DRAWN BY: E.ABDIRISAK   |            |
| REVIEWED BY: E. Mohamed |            |
| APPROVED BY: E. ADNAN   |            |

|                                 |
|---------------------------------|
| <b>DRAWING TITLE:</b>           |
| SITE ANALYSIS                   |
| <b>DRAWING N<sup>o</sup>:</b>   |
| <b>PROJECT N<sup>o</sup>:</b>   |
| <b>IOM GRANT N<sup>o</sup>:</b> |

|                             |
|-----------------------------|
| <b>SITE ANALYSIS</b>        |
| <b>SHEET N<sup>o</sup>:</b> |
| <b>03/07</b>                |
| A3                          |





**PROJECT.**

**PROPOSED INSTALLATION OF  
STREETLIGHTS ALONG HOSPITAL &  
SUQYARAHA ROAD -  
-BURHAKABA DISTRICT-**


|                         |            |
|-------------------------|------------|
| SCALE                   | NTS        |
| DATE                    | APRIL 2018 |
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| APPROVED BY: E. ADNAN   |            |

|                                 |
|---------------------------------|
| <b>DRAWING TITLE:</b>           |
| SITE PHOTOS                     |
| <b>DRAWING N<sup>o</sup>:</b>   |
| <b>PROJECT N<sup>o</sup>:</b>   |
| <b>IOM GRANT N<sup>o</sup>:</b> |

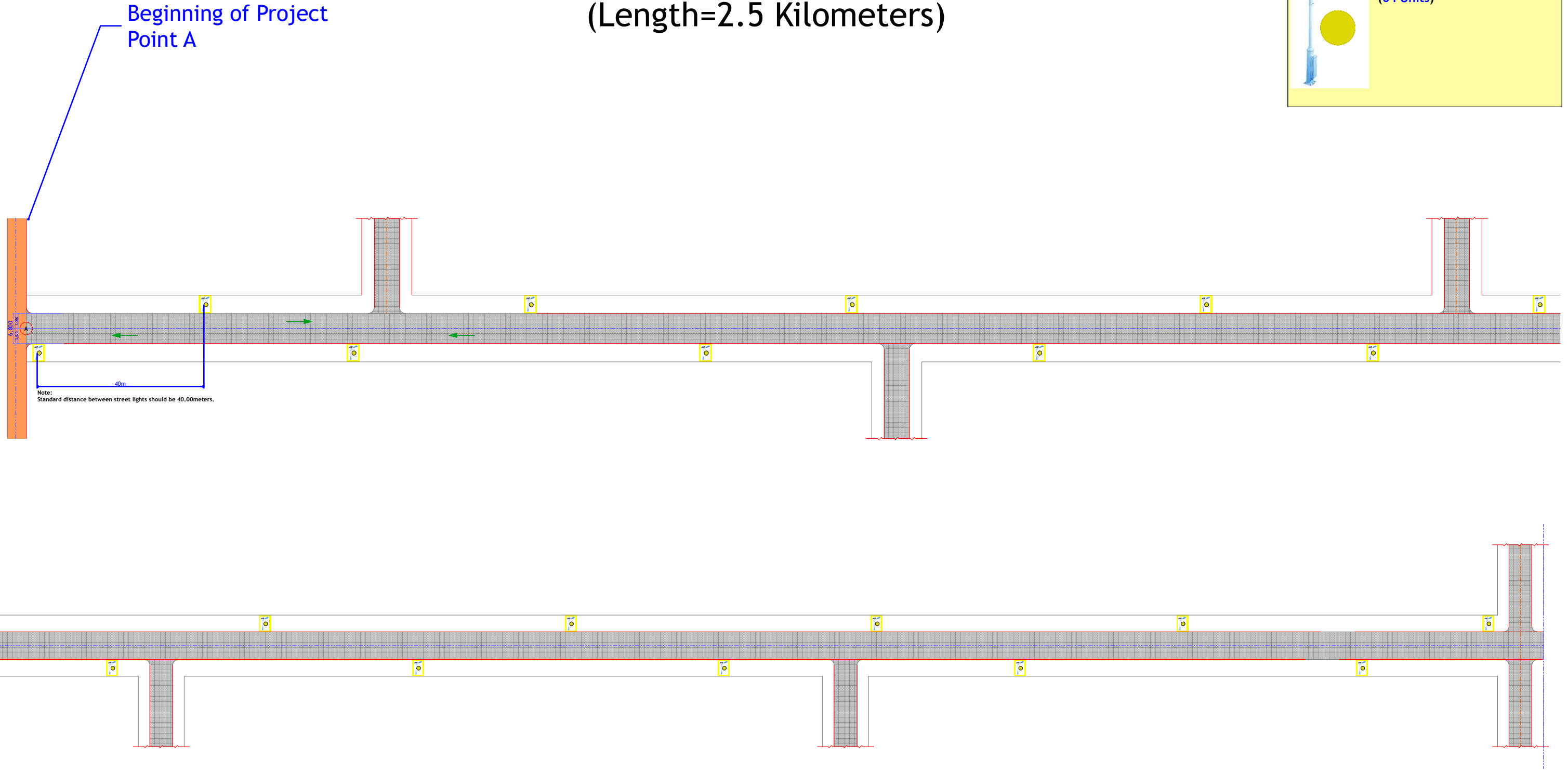
|                             |
|-----------------------------|
| <b>SITE PHOTOS</b>          |
| <b>SHEET N<sup>o</sup>:</b> |
| <b>04/07</b>                |
| A3                          |

# FULL - STRETCH TRAVERSE PLAN HOSPITAL & SUQYARAHA ROAD (Length=2.5 Kilometers)

**LEGEND:**



PROPOSED LOCATION OF SOLAR STREET LIGHT  
(64 Units)



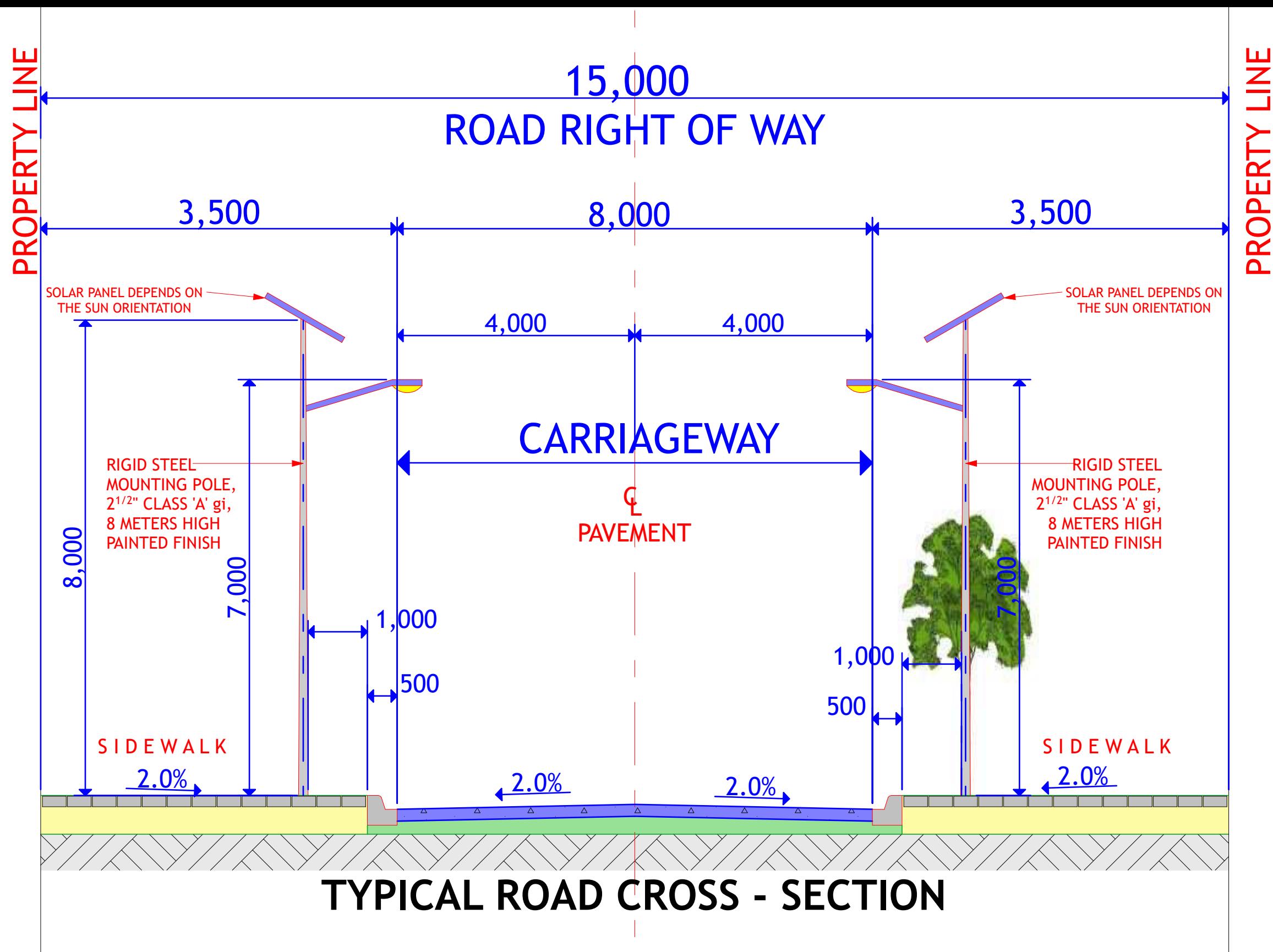
PROJECT.  
PROPOSED INSTALLATION OF  
STREETLIGHTS ALONG HOSPITAL &  
SUQYARAHA ROAD -  
-BURHAKABA DISTRICT-

SCALE: NTS  
DATE: APRIL 2018  
DRAWN BY: E.ABDIRISAK  
REVIEWED BY: E. Mohamed  
APPROVED BY: E. ADNAN

DRAWING TITLE:  
TRAVERSE PLAN  
DRAWING N<sup>o</sup>:  
PROJECT N<sup>o</sup>:  
IOM GRANT N<sup>o</sup>:

TRAVERSE PLAN  
SHEET N<sup>o</sup>:  
**05/07** A3



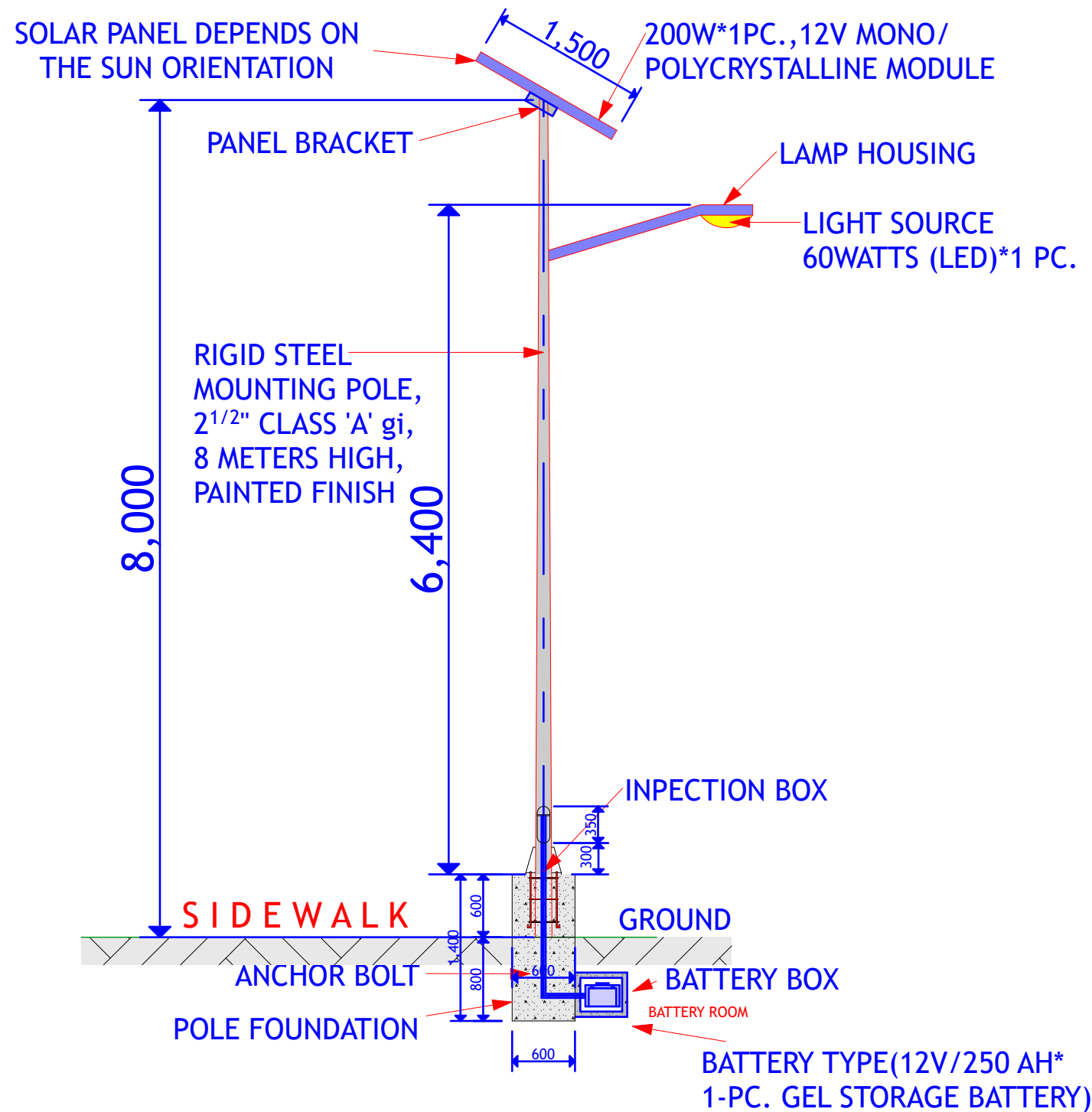


PROJECT.  
**PROPOSED INSTALLATION OF  
 STREETLIGHTS ALONG HOSPITAL &  
 SUQYARAHA ROAD -  
 -BURHAKABA DISTRICT-**

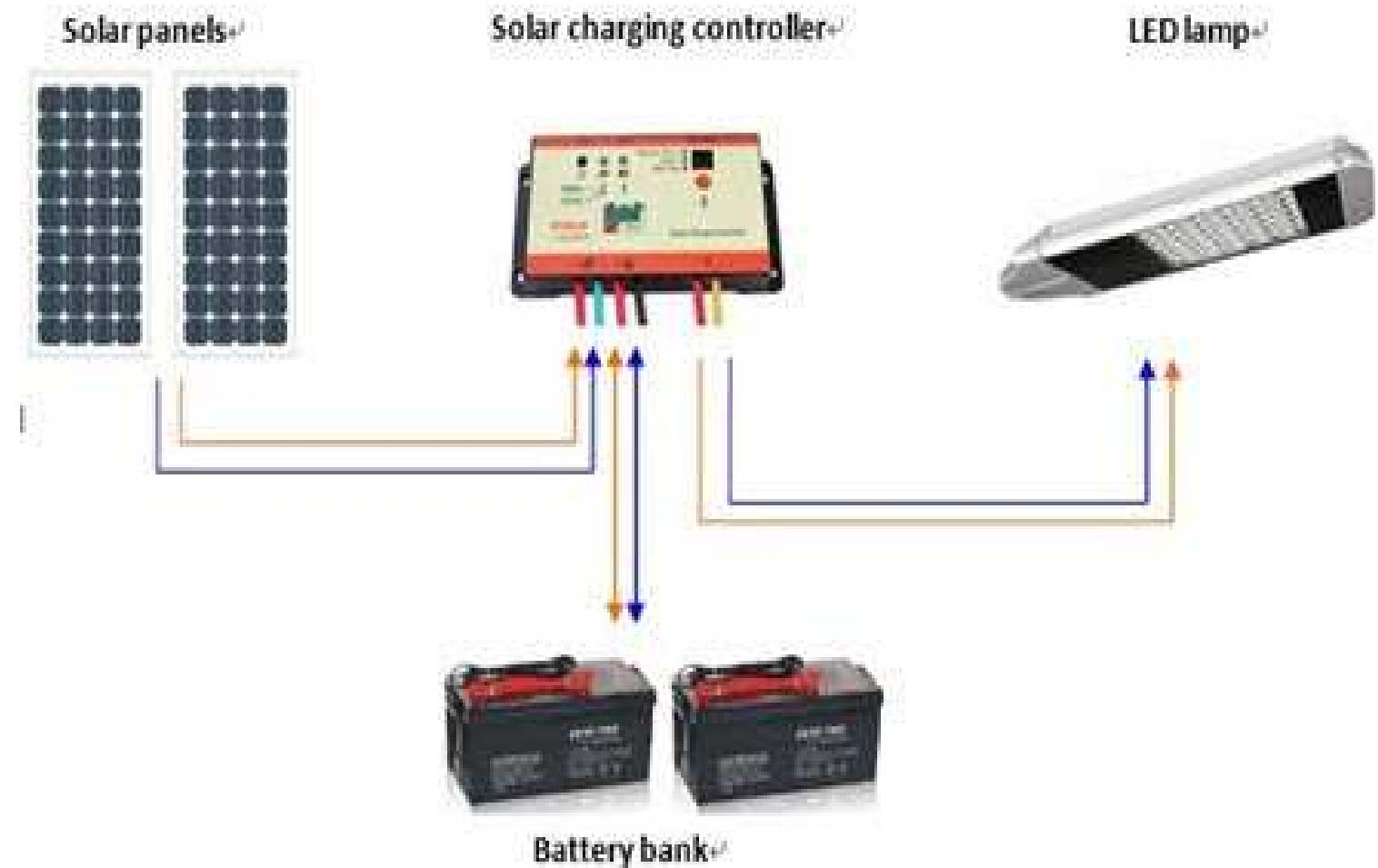
|                         |            |
|-------------------------|------------|
| SCALE                   | NTS        |
| DATE                    | APRIL 2018 |
| DRAWN BY: E.ABDIRISAK   |            |
| REVIEWED BY: E. Mohamed |            |
| APPROVED BY: E. ADNAN   |            |

|   |
|---|
| <b>DRAWING TITLE:</b><br>ROAD CROSS-SECTION |
| <b>DRAWING N<sup>o</sup>:</b>               |
| <b>PROJECT N<sup>o</sup>:</b>               |
| <b>IOM GRANT N<sup>o</sup>:</b>             |

|   |
|---|
| <b>ROAD CROSS-SECTION</b>                   |
| <b>SHEET N<sup>o</sup>:</b><br><b>06/07</b> |
| <b>A3</b>                                   |



| S O L A R L A M P |                        | 60W SINGLE LED SOLAR STREET LIGHT SYSTEM SPECIFICATION |
|-------------------|------------------------|--|
| ORDINAL NUMBER    | C O M P O N E N T S    | 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   |



## (INSTALLATION DETAILS)

PROJECT.

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SUQYARHA ROAD -  
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SCALE NTS  
DATE APRIL 2018  
DRAWN BY: E.ABDIRISAK  
REVIEWED BY: E. Mohamed  
APPROVED BY: E. ADNAN

DRAWING TITLE:  
DETAILS & SPECIFICATIONS  
DRAWING N<sup>o</sup>:  
PROJECT N<sup>o</sup>:  
IOM GRANT N<sup>o</sup>:

DETAILS & SPECS

SHEET N<sup>o</sup>:

07/07

A3