



GOOF GADUUD DISTRICT STREETLIGHTING

PROJECT:

PROPOSED INSTALLATION OF STREETLIGHTS - GOOF GADUUD DISTRICT -

IMPLEMENTED



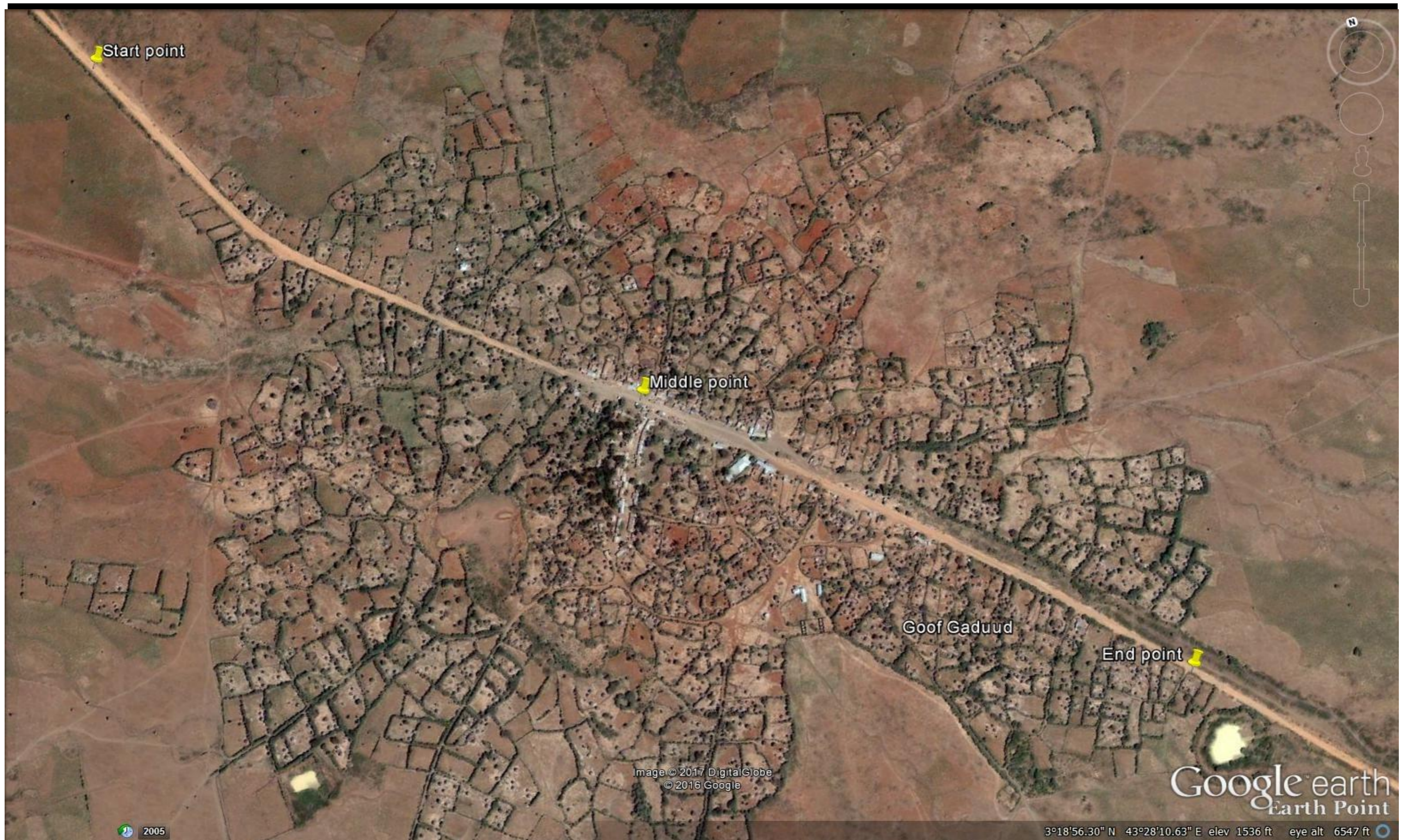
IOM International Organization for Migration
OIM Organisation Internationale pour les Migrations
OIM Organización Internacional para las Migraciones

SOMALI STABILIZATION INITIATIVES

GOVERNMENT



SOMALI REPUBLIC
Federal Government



PROJECT. **PROPOSED INSTALLATION OF STREETLIGHTS**
-GOOF GADUUD- DISTRICT-

LABEL:	LOCATION:
A N 03 56 34.7228" E 041 52 57.0473"	Point A - Start Point
B N 03 55 42.8279" E 041 52 26.4102"	Point B - Mid Point
C N 03 55 3.1606" E 041 51 59.1035"	Point C - End Point

PROJECT LIMITS(Length=2 Kilometers)
TOTAL STREETLIGHTS = 50 Units

SCALE	NTS
DATE	MAY 2017
DRAWN BY:	J. NANDWA
REVIEWED BY:	J. NANDWA
APPROVED BY:	

DRAWING TITLE:	SITE ANALYSIS
DRAWING N ^o :	
PROJECT N ^o :	
IOM GRANT N ^o :	BAI037

SITE ANALYSIS
SHEET N ^o :
03/09
A3



PROJECT. **PROPOSED INSTALLATION OF STREETLIGHTS**
-GOOF GADUUD- DISTRICT-

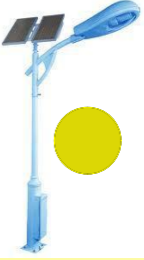
SCALE NTS
 DATE MAY 2017
 DRAWN BY: J. NANDWA
 REVIEWED BY: J. NANDWA
 APPROVED BY:

DRAWING TITLE:
SITE PHOTOS
 DRAWING N^o:
 PROJECT N^o:
 IOM GRANT N^o:
BAI037

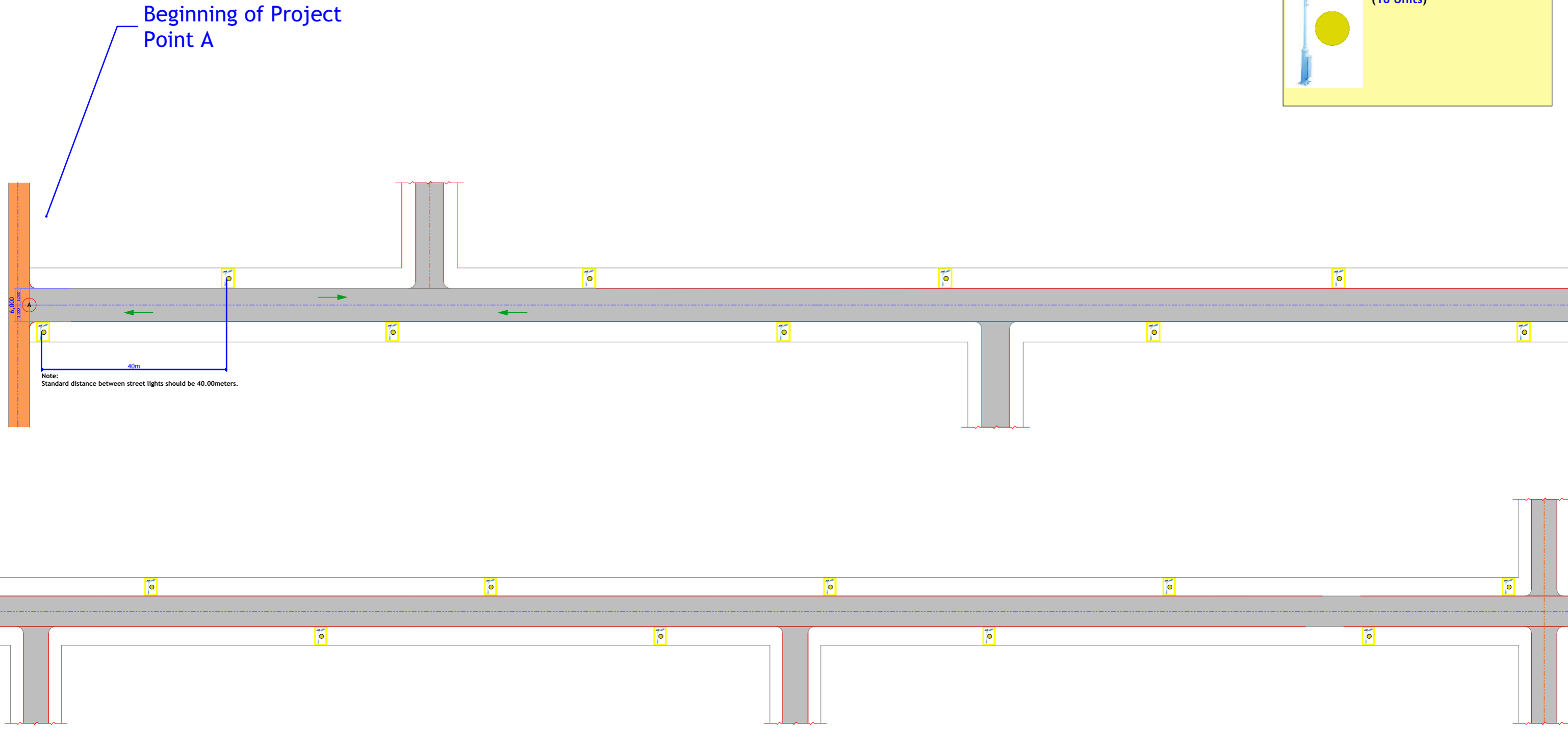
SITE PHOTOS
 SHEET N^o:
04/09 A3

FULL - STRETCH TRAVERSE PLAN (Length=0.72 Kilometers)

LEGEND:



PROPOSED LOCATION OF SOLAR STREET LIGHT
(18 Units)



PROJECT. **PROPOSED INSTALLATION OF STREETLIGHTS**
-GOOF GADUUD-DISTRICT-

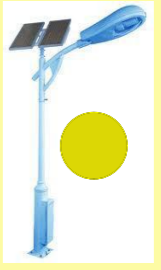
SCALE: NTS
DATE: MAY 2017
DRAWN BY: J. NANDWA
REVIEWED BY: J. NANDWA
APPROVED BY:

DRAWING TITLE: TRAVERSE PLAN
DRAWING N^o:
PROJECT N^o:
IOM GRANT N^o: BAI037

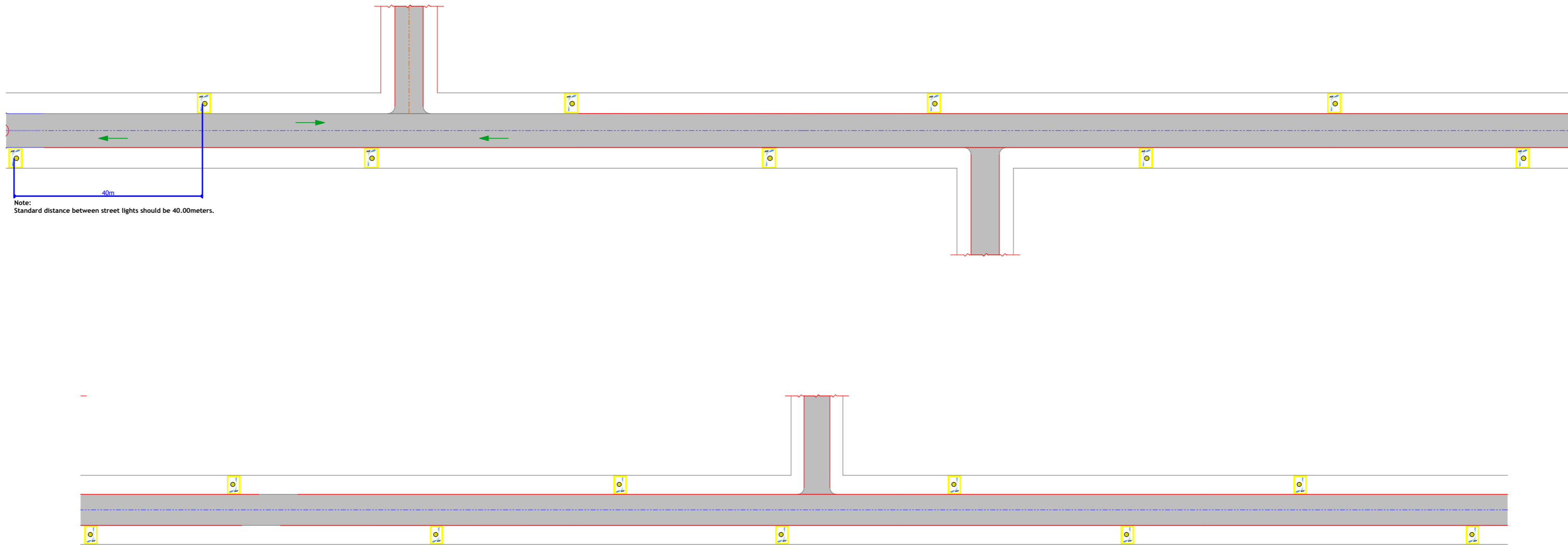
TRAVERSE PLAN
SHEET N^o:
05/09 A3

FULL - STRETCH TRAVERSE PLAN (Length=0.72 Kilometers)

LEGEND:



PROPOSED LOCATION OF SOLAR STREET LIGHT
(18 Units)



PROJECT. PROPOSED INSTALLATION OF STREETLIGHTS
-GOOF GADUUD- DISTRICT-

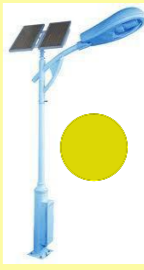
SCALE: NTS
DATE: MAY 2017
DRAWN BY: J. NANDWA
REVIEWED BY: J. NANDWA
APPROVED BY:

DRAWING TITLE:
TRAVERSE PLAN 2
DRAWING N^o:
PROJECT N^o:
IOM GRANT N^o:
BAI037

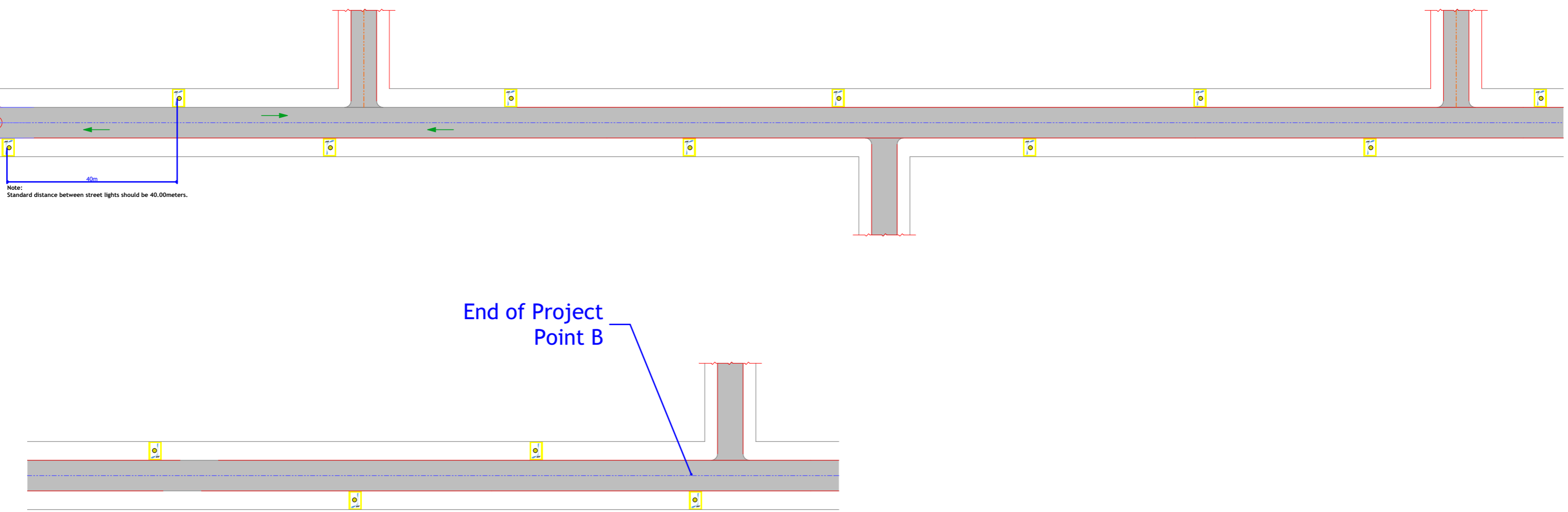
SHEET N^o:
06/09 A3

FULL - STRETCH TRAVERSE PLAN (Length=0.56 Kilometers)

LEGEND:



PROPOSED LOCATION OF SOLAR STREET LIGHT
(14 Units)



PROJECT. PROPOSED INSTALLATION OF STREETLIGHTS
-GOOF GADUUD-DISTRICT-

SCALE: NTS
DATE: MAY 2017
DRAWN BY: J. NANDWA
REVIEWED BY: J. NANDWA
APPROVED BY:

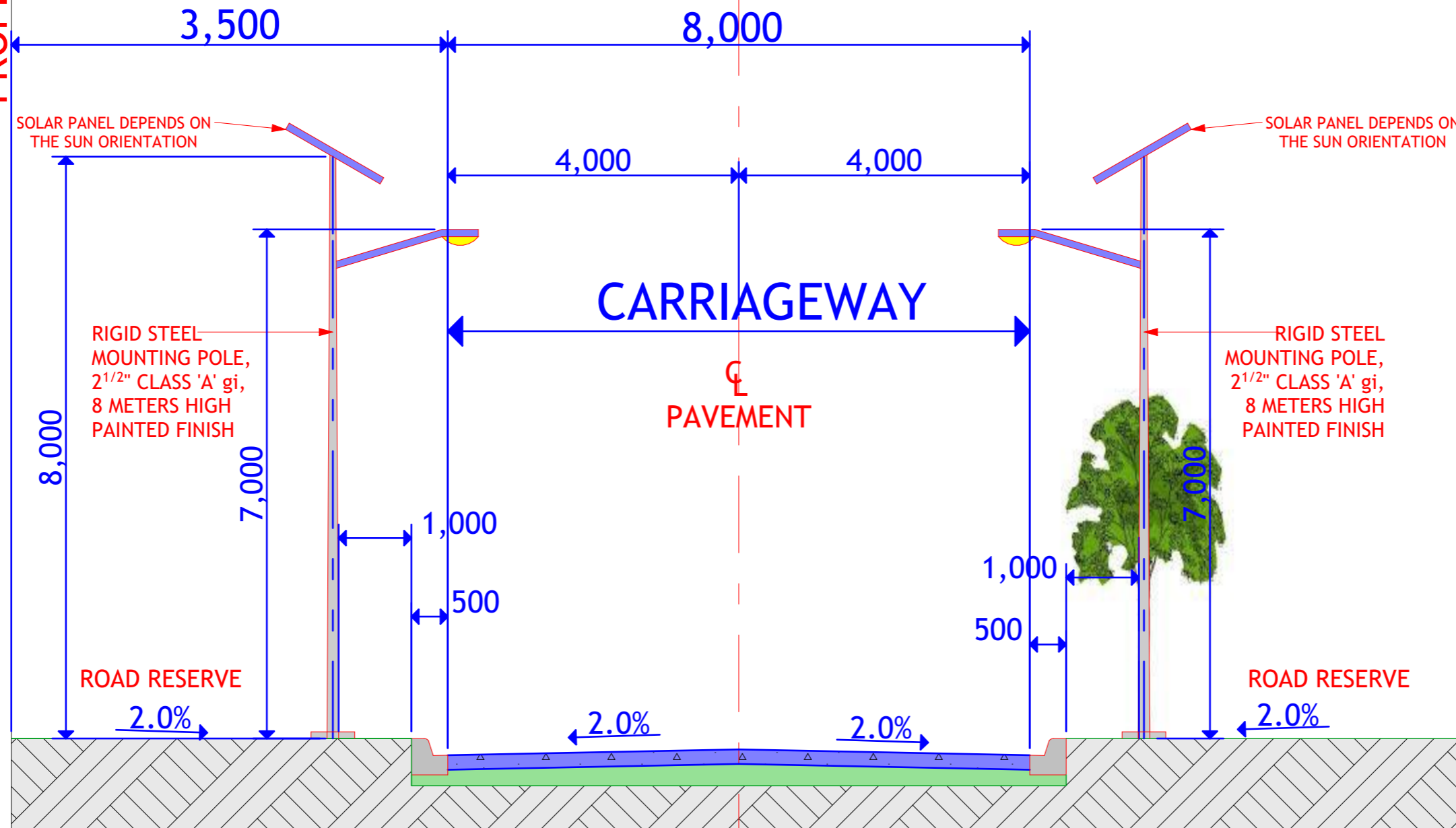
DRAWING TITLE:
TRAVERSE PLAN 3
DRAWING N^o:
PROJECT N^o:
IOM GRANT N^o:
BAI037

SHEET N^o:
07/09 A3

PROPERTY LINE

PROPERTY LINE

ROAD RIGHT OF WAY



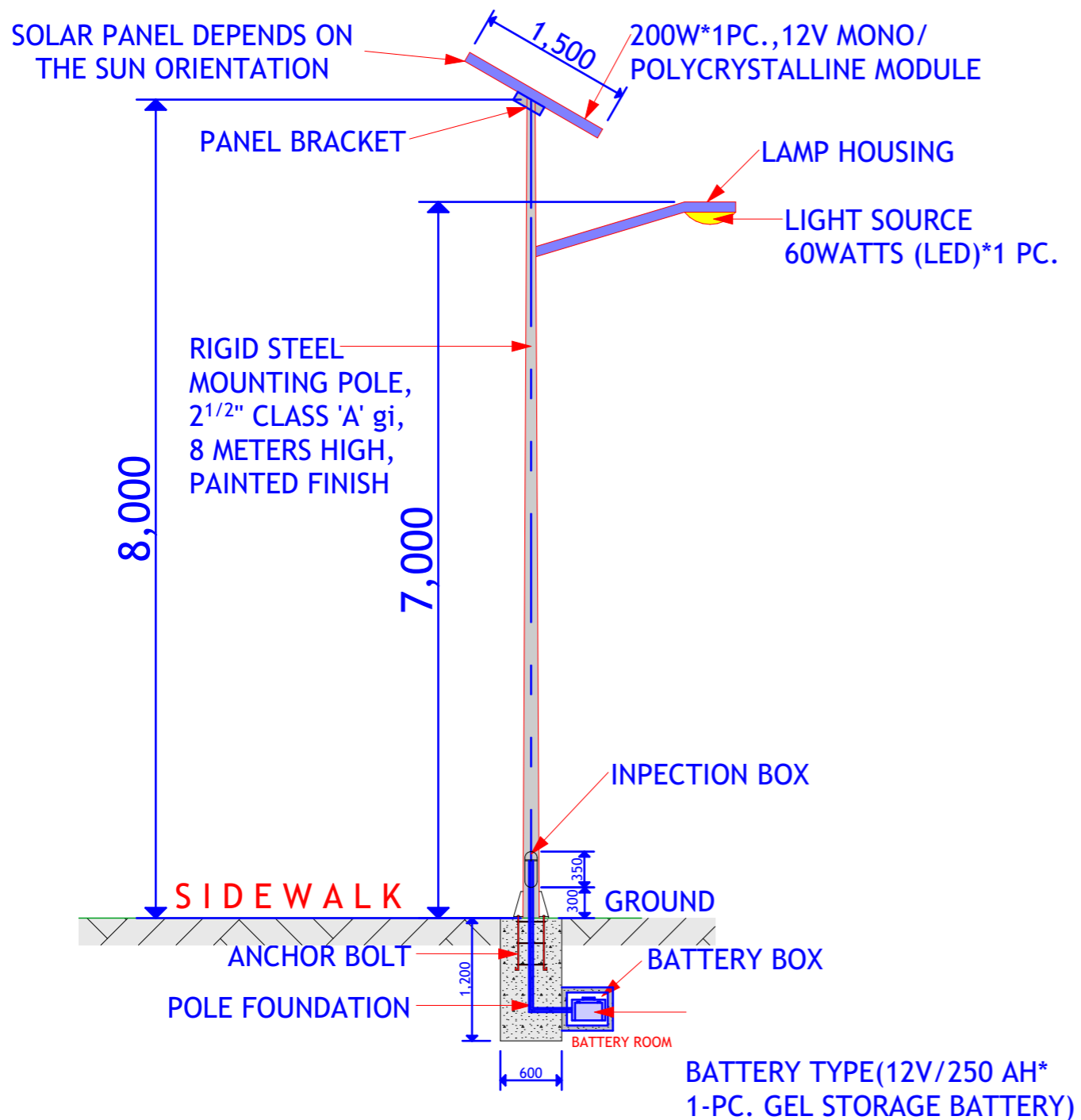
TYPICAL ROAD CROSS - SECTION

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-GOOF GADUUD-DISTRICT-

SCALE: NTS
DATE: MAY 2017
DRAWN BY: J. NANDWA
REVIEWED BY: J. NANDWA
APPROVED BY:

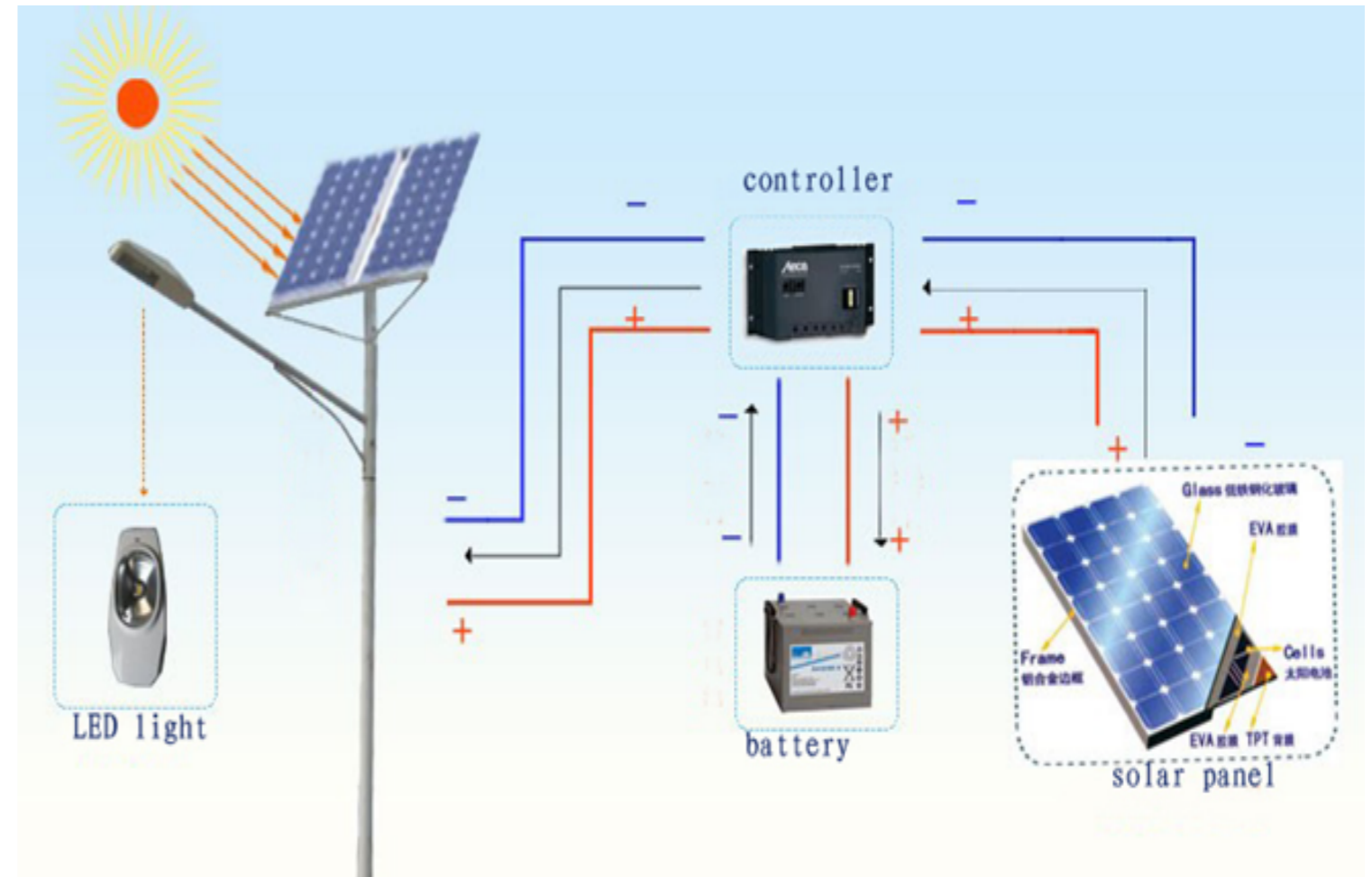
DRAWING TITLE: ROAD CROSS-SECTION
DRAWING N^o:
PROJECT N^o:
IOM GRANT N^o: BAI037

ROAD CROSS-SECTION
SHEET N^o:
08/09 A3



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



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-GOOF GADUUD-DISTRICT-

SCALE: NTS
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DRAWN BY: J. NANDWA
REVIEWED BY: J. NANDWA
APPROVED BY:

DRAWING TITLE: DETAILS & SPECIFICATIONS
DRAWING N^o:
PROJECT N^o:
IOM GRANT N^o: BAI037

DETAILS & SPECS
SHEET N^o:
09/09