



BAIDOA STREETLIGHTING

PROJECT:

**PROPOSED INSTALLATION
OF STREETLIGHTS
(HANANO 2 CAMP ROAD)**

- BAIDOA DISTRICT -

IMPLEMENTED

DAL★BILE

A NATION IS BUILT BY ITS PEOPLE

SOMALI STABILIZATION INITIATIVES

GOVERNMENT



Jubbaland State of Somalia

PROPOSED INSTALLATION OF STREETLIGHTS
(HANANO 2 CAMP ROAD)
- BAIDOA DISTRICT -

SEPT. 2017

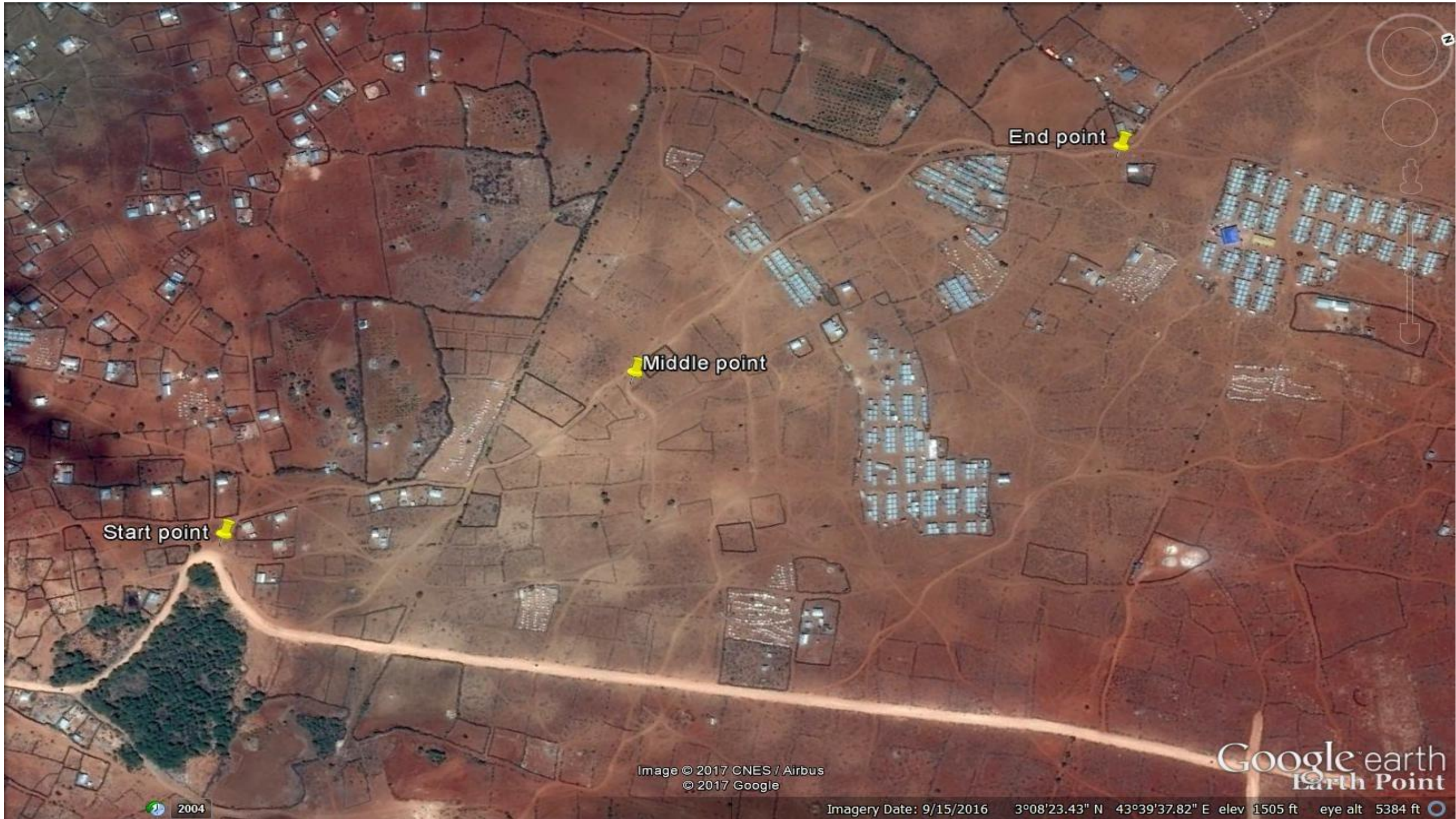
GRANT N^o: BAI058

DRAWING INDEX



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08.	07/09		Typical Road Cross-Section
09.	07/09		Solar Street Light Details and Specifications

SIGNED & STAMPED:



PROJECT. **PROPOSED INSTALLATION OF STREETLIGHTS (HANANO 2 CAMP ROAD) -BAIDOA DISTRICT-**

LABEL:	LOCATION:
A N 03° 08' 7.311" E 043° 39' 36.8905"	Point A - Start Point
B N 03° 08' 20.8672" E 043° 39' 35.8807"	Point B - Mid Point
C N 03° 08' 37.5231" E 043° 39' 33.541"	Point C - End Point

PROJECT LIMITS
(Length = 3 Kilometers)
TOTAL STREETLIGHTS = 76 Units

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

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PROJECT N ^o :
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SITE ANALYSIS
SHEET N ^o : 03/09



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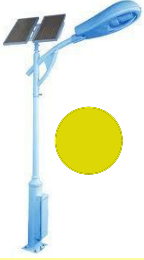
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SITE PHOTOS
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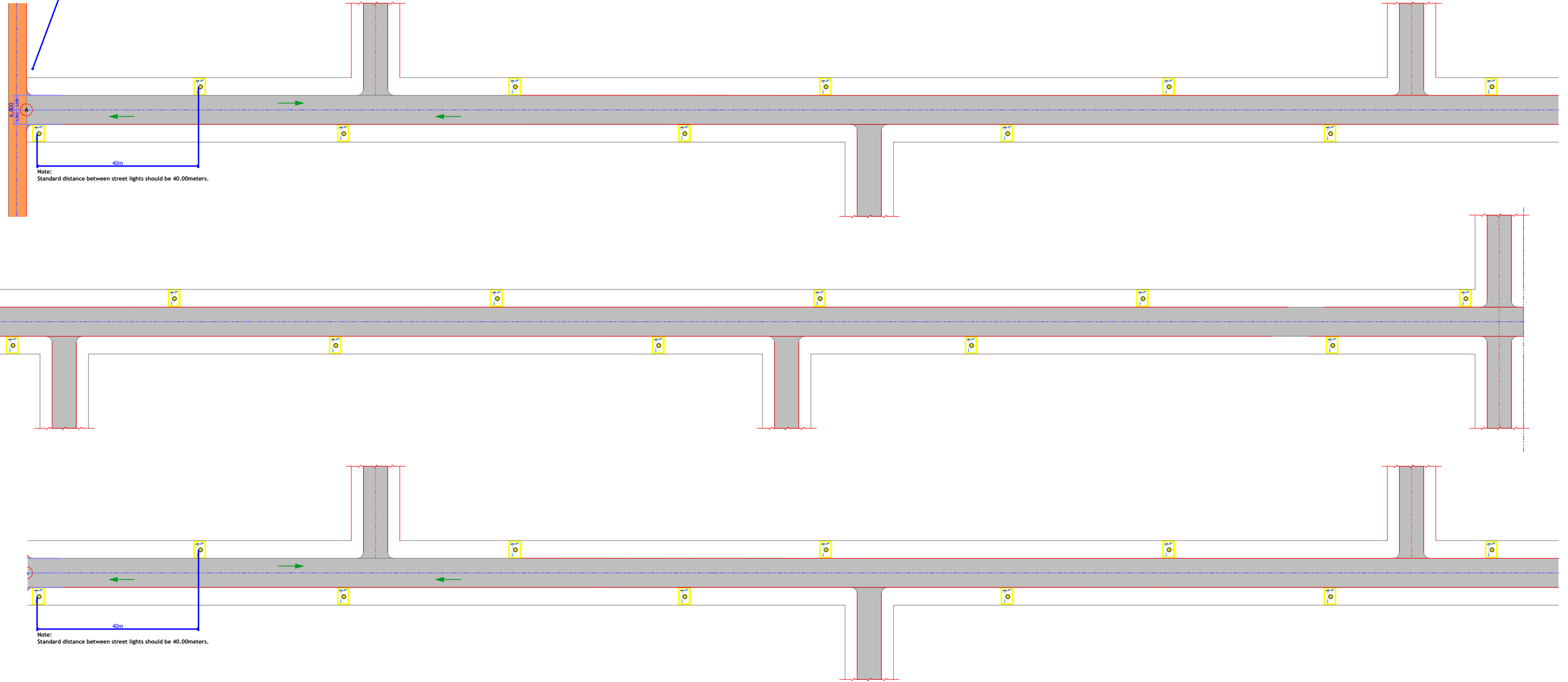
FULL - STRETCH TRAVERSE PLAN (Length = 1.2 Kilometers)

LEGEND:



PROPOSED LOCATION OF SOLAR STREET LIGHT
(30 Units)

Beginning of Project
Point A



PROJECT. **PROPOSED INSTALLATION OF
STREETLIGHTS
(HANANO 2 CAMP ROAD)
-BAIDOA DISTRICT-**

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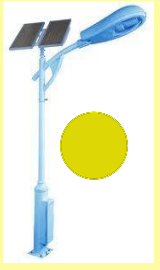
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TRAVERSE PLAN
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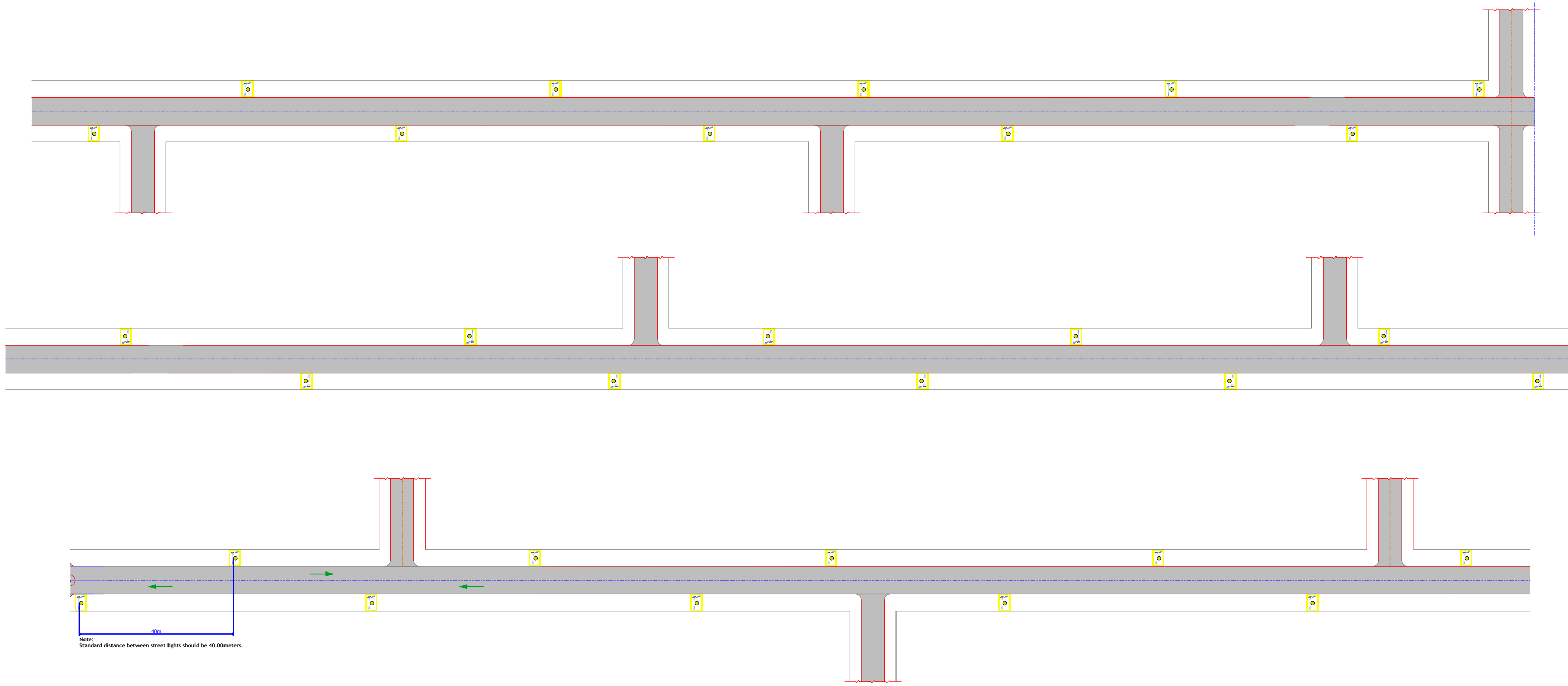
TRAVERSE PLAN
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FULL - STRETCH TRAVERSE PLAN (Length = 1.2 Kilometers)

LEGEND:



PROPOSED LOCATION OF SOLAR STREET LIGHT
(30 Units)



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

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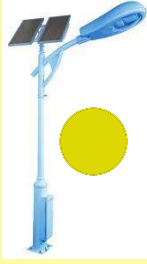
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TRAVERSE PLAN 2
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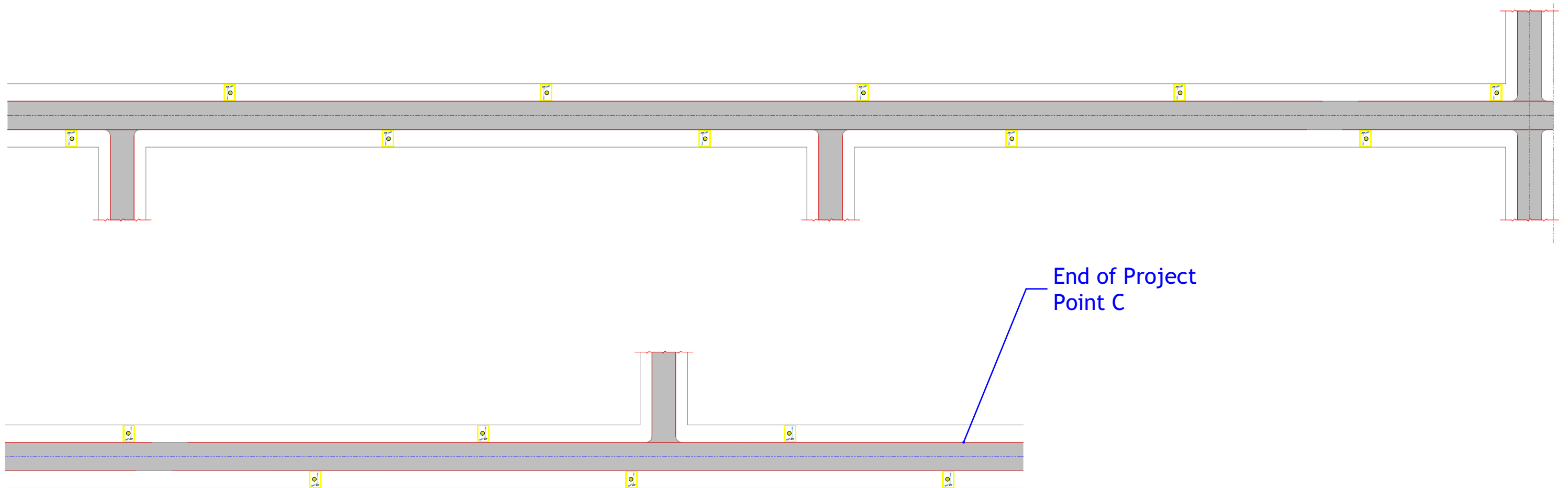
TRAVERSE PLAN
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FULL - STRETCH TRAVERSE PLAN (Length = 0.4 Kilometers)

LEGEND:



PROPOSED LOCATION OF SOLAR STREET LIGHT
(16 Units)



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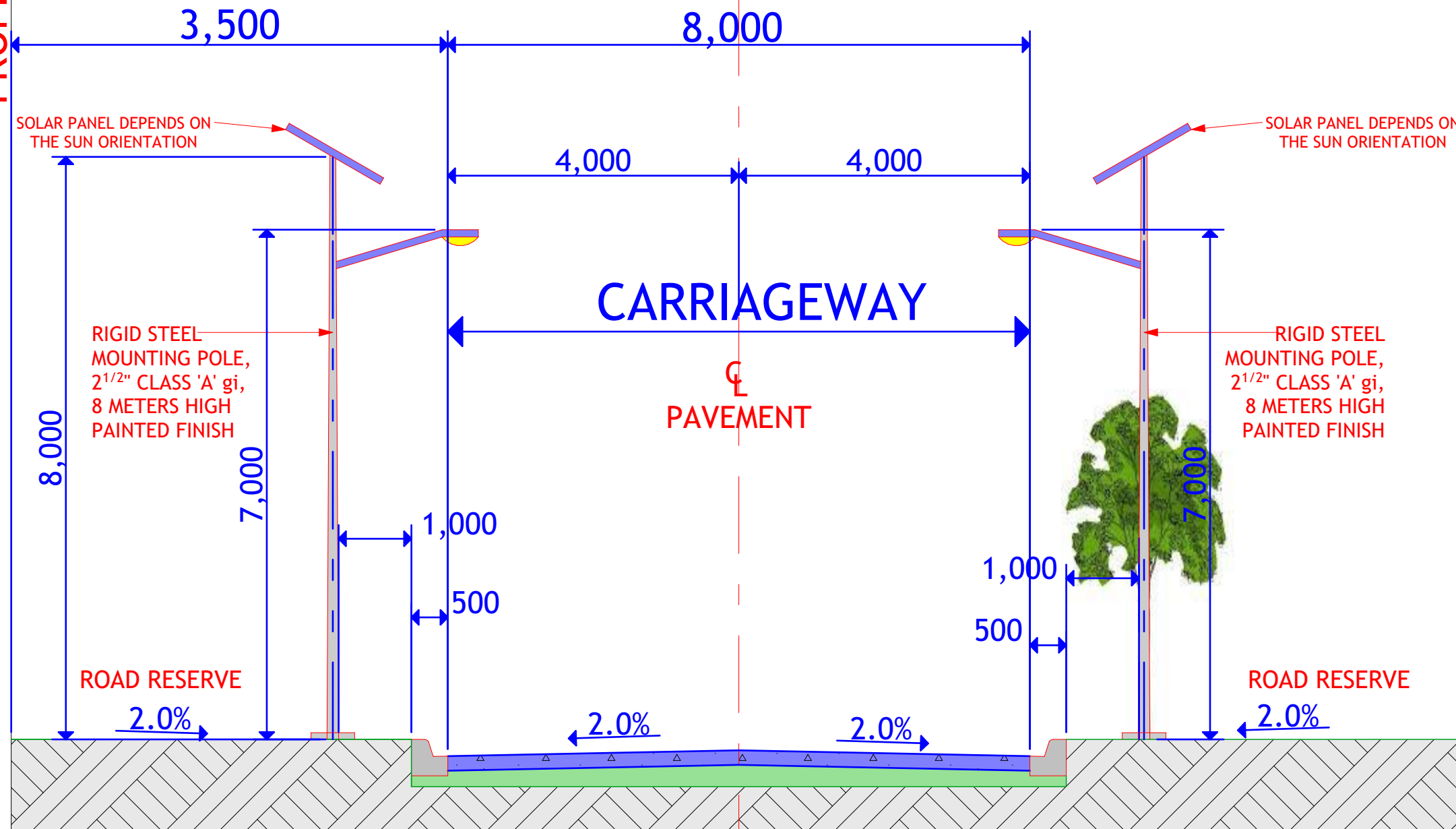
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TRAVERSE PLAN 3
DRAWING N^o:
PROJECT N^o:
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TRAVERSE PLAN
SHEET N^o:
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PROPERTY LINE

PROPERTY LINE

ROAD RIGHT OF WAY



TYPICAL ROAD CROSS - SECTION

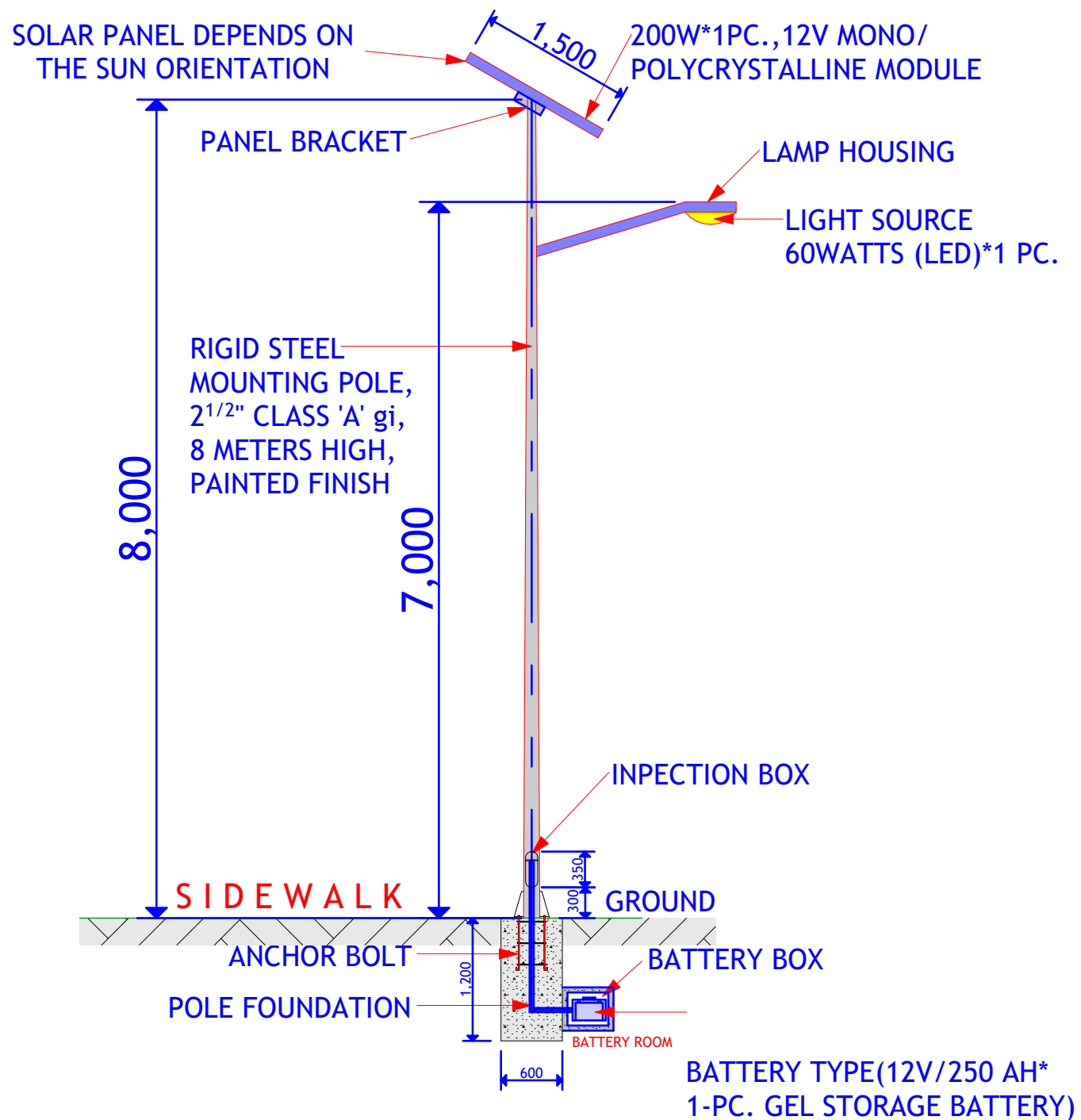
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ROAD CROSS-SECTION
DRAWING N^o:
PROJECT N^o:
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ROAD CROSS-SECTION
SHEET N^o:
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SOLAR STREET LIGHT (AS PER MANUFACTURER'S DETAILS)

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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DETAILS & SPECS

SHEET N^o:

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