

VOLUME 3 – FINAL DRAWINGS FOR BURTINLE DISTRICT STREET LIGHTING (NUGAL REGION) PROJECT:

FINAL DRAWINGS FOR BURTINLE DISTRICT STREET LIGHTING (NUGAL REGION)

CLIENT:



Government of Puntland State, Rurtinle

THE FEDERAL REPUBLIC OF SOMALIA

Goverment of Puntland State - Burti District

FINANCED BY:



IMPLEMENTED BY:

SFF SOMALIA Special Financing Facility

CONSULTANT:



ECOTECH LIMITED

P.O. Box 5527-00100, Nairobi - Kenya

Tel: +254 712 388815
Fax: +254 20 250809
Email: Info@ecotech.co.ke
Web: www.ecotech.co.ke

Location: Ecotech House, Woodlands Road, off Lenana Road, Nairobi - Kenya







SIGNED & STAMPED:



FINAL DRAWINGS FOR BURTINLE DISTRICT STREET LIGHTING (NUGAL REGION)

CONTRACT Nº: MOF/SFF/SERV/08

SFF-LD GRANT No: TF0A1715

OCTOBER 2017

DRAWING INDEX

	SHEET Nº	DRAWING Nº	DRAWING CONTENT
01.	01/08	31371-553-SITE ANALYSIS-01	Site Analysis
02.	02/08	31371-553-SITE ANALYSIS-02	Site Analysis
03.	03/08	31371-553-SITE PHOTOS-03	Site Photos
04.	04/08	31371-553-TRAVERSE-04	Full-Stretch Traverse Plan
05.	05/08	31371-553-TRAVERSE-05	Traverse Plan From Point A-B-C
06.	06/08	31371-553-TRAVERSE-06	Traverse Plan From Point B-D
07.	07/08	31371-553-SECTION-07	Typical Road Cross-Section
08.	08/08	31371-553-DETAILS-08	Solar Street Light Details and Specifications

LOCATION MAP (Total length = 1.76 Kilometer)

















REVISIONS.

SFF SOMALIA Special Financing Facility







E 047°49.917'

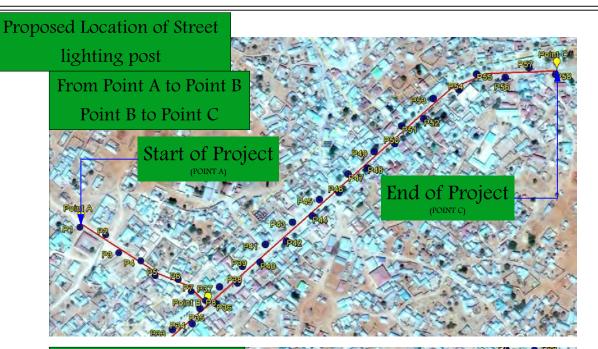


Project Title :
FINAL DRAWINGS FOR
BURTINIE DISTRICT STREET LIGHTING
(NUGAL REGION)
Drawing Title:
SITE ANALYSIS

Scale:	N.T.	(NOT TO SCALE)
Date:		OCTOBER 2017
PREPAI	RED BY:	JEFFREY LUZURIAG.

ENG. AHME Regional Director,
Drawing No: 31371-
Sheet No:

LA	.BEL:	LOCATION:
A	N 07°38.330' E 47°49.756'	Point A
B	N 07°38.382' E 47°49.879'	Point B
C	N 07°38.751' E 47°49.881'	Point C
D	N 07°37.751'	Point D





Legend:

Pole (P) (pole no.)















SFF SOMALIA







Fax: +224.70
Email: Indoge
Web: www.cec
Location: Ecotech House
off Lenana Road, N





Project Title :
FINAL DRAWINGS FOR BURTINLE DISTRICT STREET LIGHTING (NUGAL REGION)
Drawing Title: SITE ANALYSIS
Sheet Content:

LA	.BEL:	LOCATION:
A	N 07°38.330' E 47°49.756'	Point A
В	N 07°38.382' E 47°49.879'	Point B
C	N 07°38.751' E 47°49.881'	Point C
D	N 07°37.751' E 047°49.917'	Point D























NOTES:

Ill dimensions are to be checked on site. Any repancy in dimensions is to be reported to the tech architect before any work commence. Th

other.

2. All construction work to comply with the internatio

All reinforced concrete works to be done according

NO. DATE DESCRIPTION

REVISIONS.







MENTED BY-

SFF SOMALIA Special Financing Facility

SULTANT:



COTECH LIMITED

P.O. Box 5527-00100, Nairobi - Kenya

i - Kenya +254 712 388815 +254 701 838222 Info@cotech.co.ke www.ecotech.co.ke on: Ecotech House. Woodlands Road

Project Title :

FINAL DRAWINGS FOR

BURTINLE DISTRICT STREET LIGHTING

(NUGAL REGION)

SITE PHOTO

Content:

ale: N.T.S (NOT TO SCALE)

Date: OCTOBER 2017
PREPARED BY: JEFFREY LUZURIAGA

TEWED & APPROVED BY:

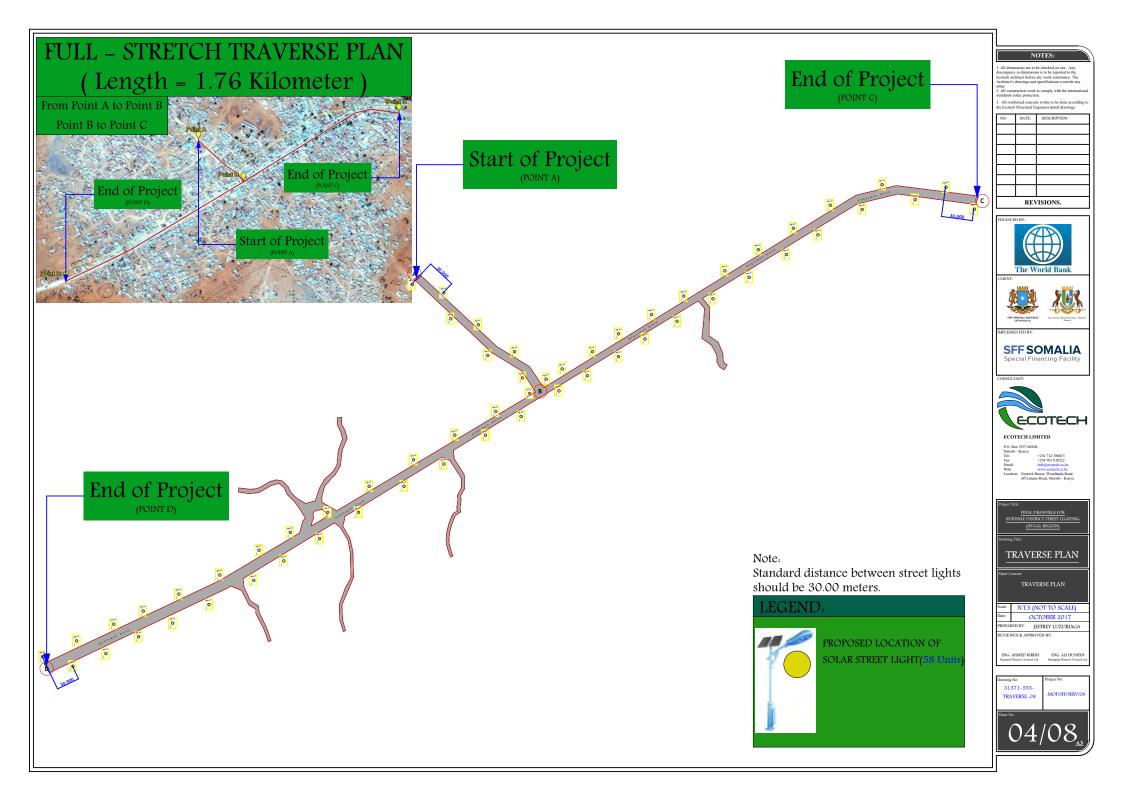
ENG. AHMED KIRISH ENG. ALI HUSSEIN Regional Director, Ecotoch Ltd. Managing Director, Ecotoch

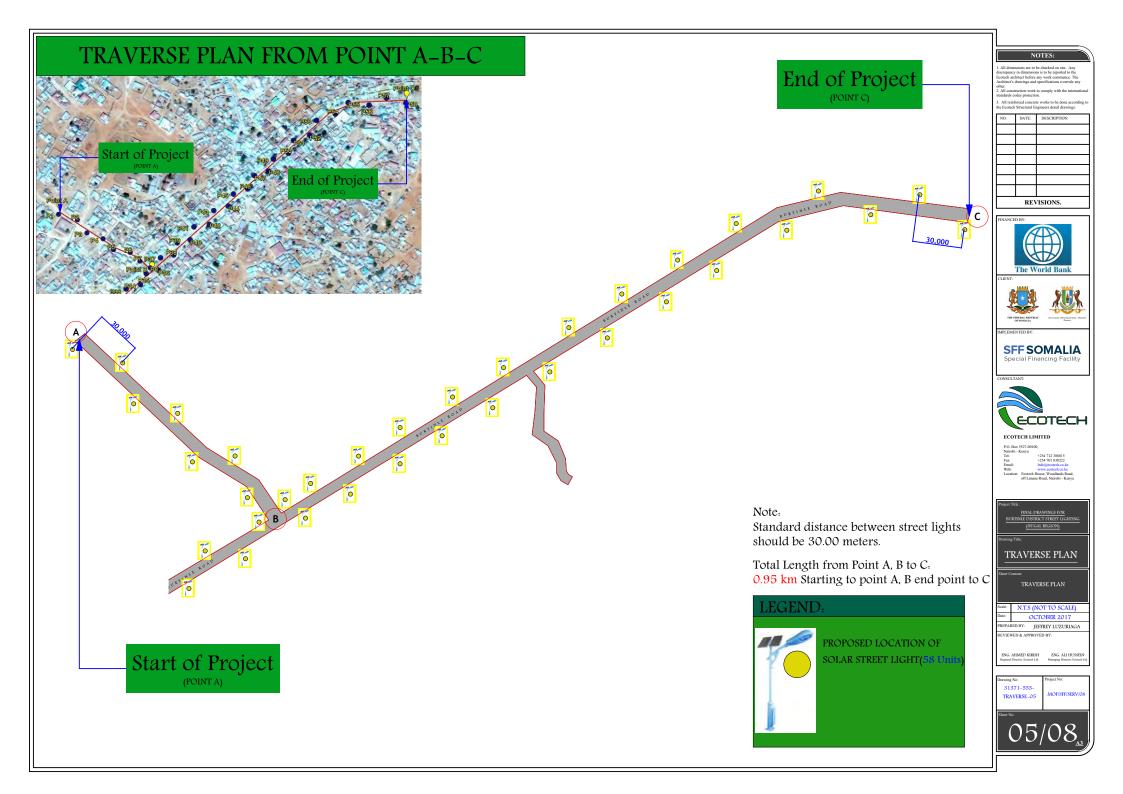
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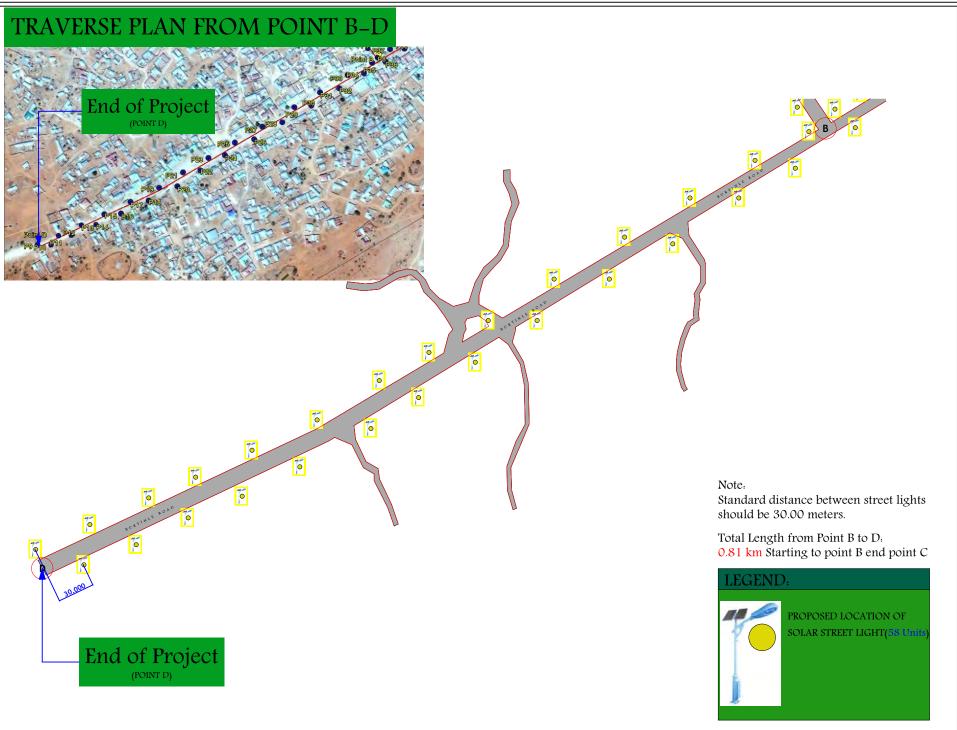
03/08







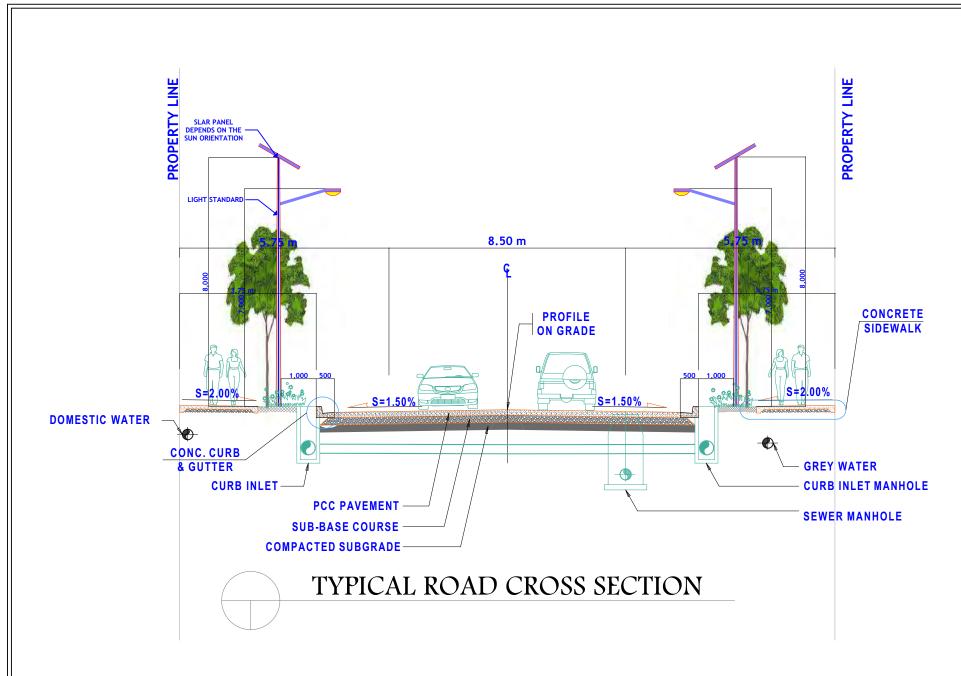






31371-553-TRAVERSE-06

06/08



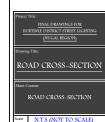
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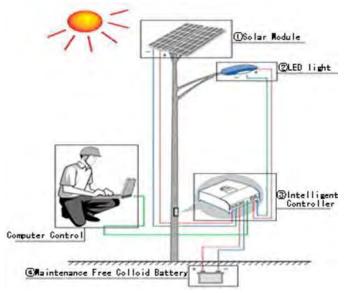




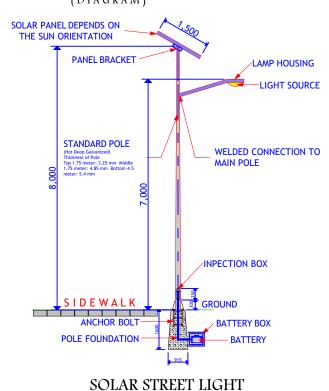


REPARED BY: JEFFREY LUZURIAGA



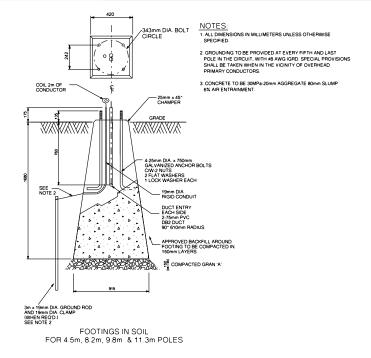


SOLAR STREET LIGHT



(AS PER MANUFACTURER'S DETAILS)

S	OLAR 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 IP65 (LED LIGHT) * ONE(1) PC.
04	CONTROLLER	24VOLTS/20AMPERES
05	TEMPERATURE	-40 - 50 DEGREE CELSIUS
06	LIGHTING TIME	3 RAINY DAYS, EVERYDAY 12 HOURS
07	STREET LIGHT POLE SPECIFICATION	8 MTRS HEIGHT HOT DEEP GALVANIZED STEEL WITH THICKNESS OF 3.25MM TOP (1.75 M), 4.85MM MIDDLE (1.75 M), BOTTOM 5.4MM (4.5 M)
08	BATTERY BOX (PLASTIC)	ONE(1) SET (TO BE PUT UNDERGROUND)
09	ACCESSORIES, CABLE, ETC.	ONE(1) SET



STREET LIGHTING
PYRAMID CONCRETE FOOTING

NOTES:

crepancy in dimensions is to be reported to stech architect before any work commence

other.

2. All construction work to comply with the int

standards codes protection.

3. All reinforced concrete works to be done accord the Ecotech Structural Engineers detail drawings.

NO: DATE DESCRIPTION:

The World Bank



EMENTED BY:



CONSULTANT:



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	FINAL DRAWINGS FOR
BU	RTINLE DISTRICT STREET LIGHTING
	(NUGAL REGION)
Drawin	g Title:
	DETAILS & SPECS
Sheet C	'ontent:
	DETAILS & SPECS
Scale:	N.T.S (NOT TO SCALE)
Scale: Date:	N.T.S (NOT TO SCALE) OCTOBER 2017



ENG. AHMED KIRISH ENG. ALI HUSSEIN Regional Director, Ecotoch Ltd. Managing Director, Ecotoch L