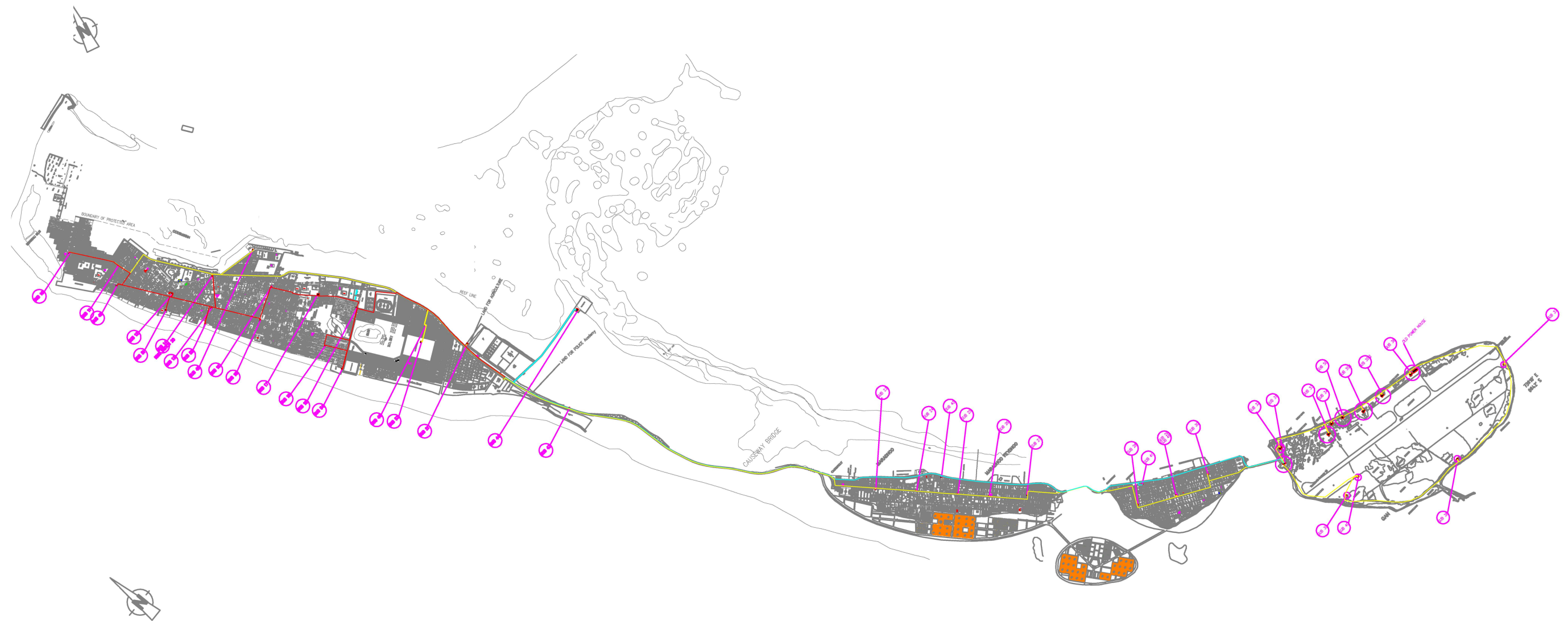


LOT 1- ADDU-MAINLAND



Addumain-land : MV network route



Seventh floor, Port Complex, Maafarima,
Mogila, 20307
Tel: +960 3307555, Fax: +960 3327555,
Email: info@fendaka.com.mv
Website: www.fendaka.com.mv

PROJECT:

SINGLE LINE DIAGRAM

LOCATION:

CENTRAL POWER STATION, ADDU CITY

APPROVED BY:

ABDULLA NASITH
DIRECTOR

CHECKED BY:

DESIGN BY:

NASITH

ENGINEER:

NASITH

DRAWN BY:

M.SHAREEF

SERVICES ENG.:

DWG TITLE: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

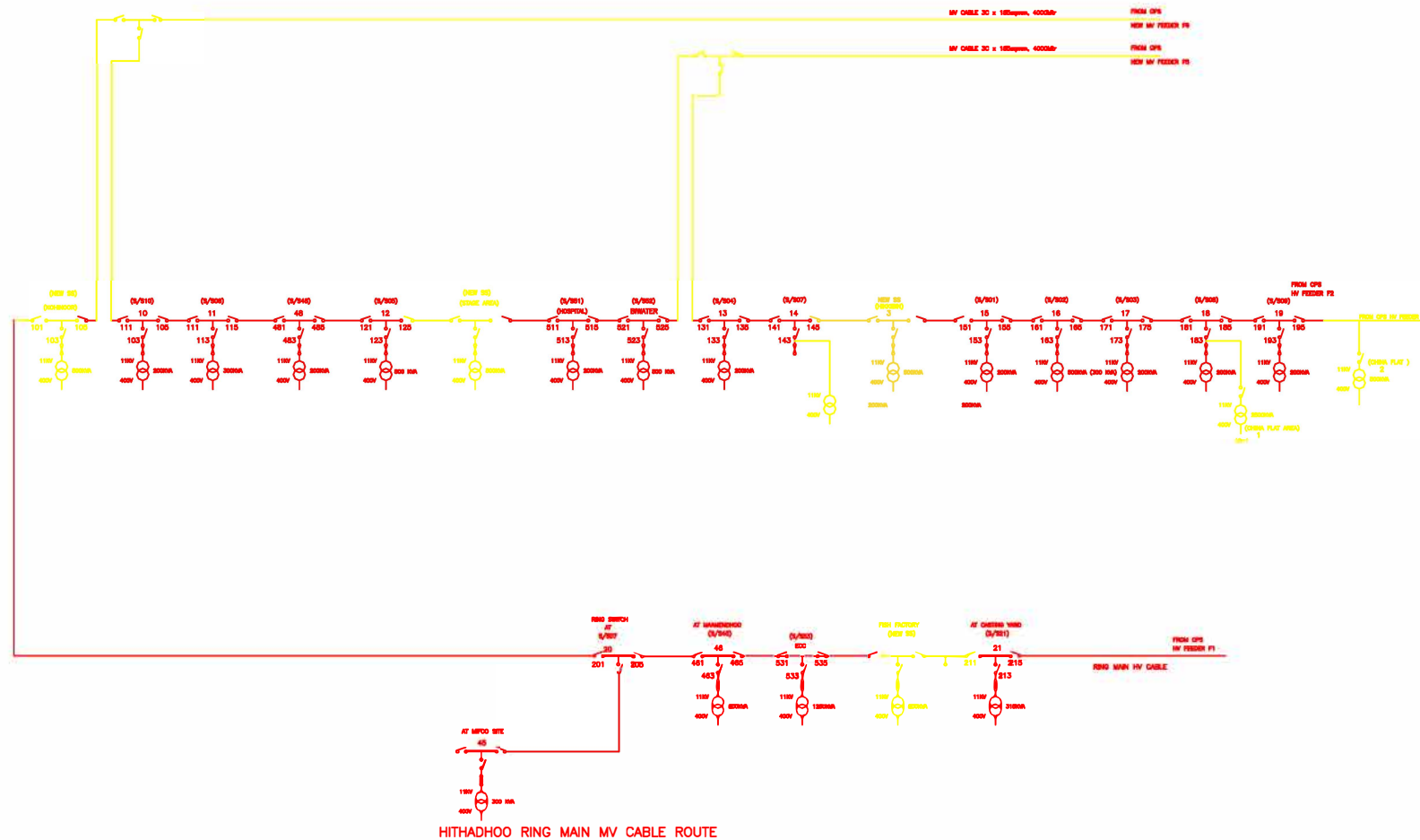
DATE: AUGUST 2019

REVISION:

DWG

PROJECT NO: G/2015/01

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HITHADHOO RING MAIN MV CABLE ROUTE



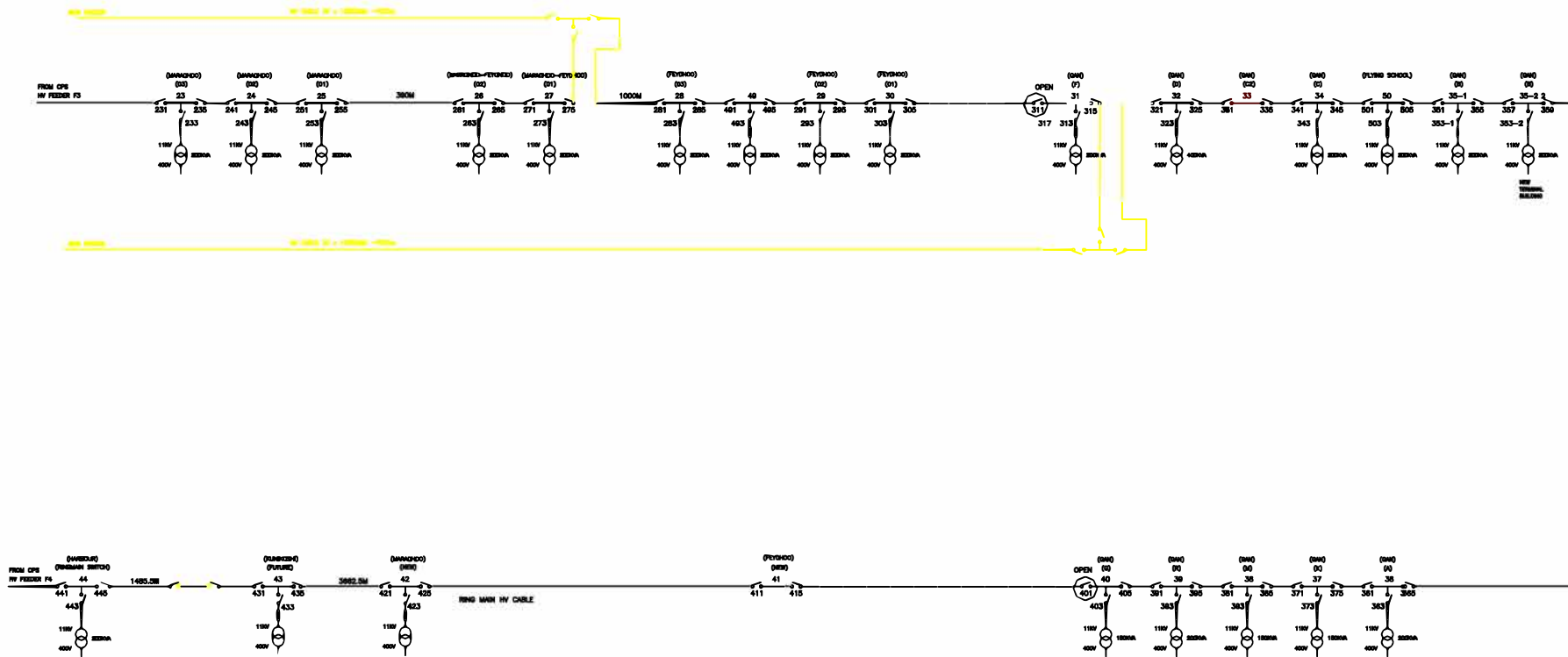
CENTRAL POWER STATION, ADDU CITY

CHECKED BY:

SERVICES ENG.:

DATE: AUGUST 2019

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MARADHOO FEYDHOO RING MAIN MV CABLE ROUTE



Seventh floor, Port Complex, Maafaru,
Male', 20307
Tel: +960 3307553, Fax: +960 3327555,
Email: info@fenaka.com.mv
Website: www.fenaka.com.mv

PROJECT:

SINGLE LINE DIAGRAM

LOCATION:

CENTRAL POWER STATION, ADDU CITY

APPROVED BY:

ABDULLA NASITH
DIRECTOR

CHECKED BY:

DESIGN BY:

NASITH

ENGINEER:

NASITH

DRAWN BY:

M.SHAREEF

SERVICES ENG.:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

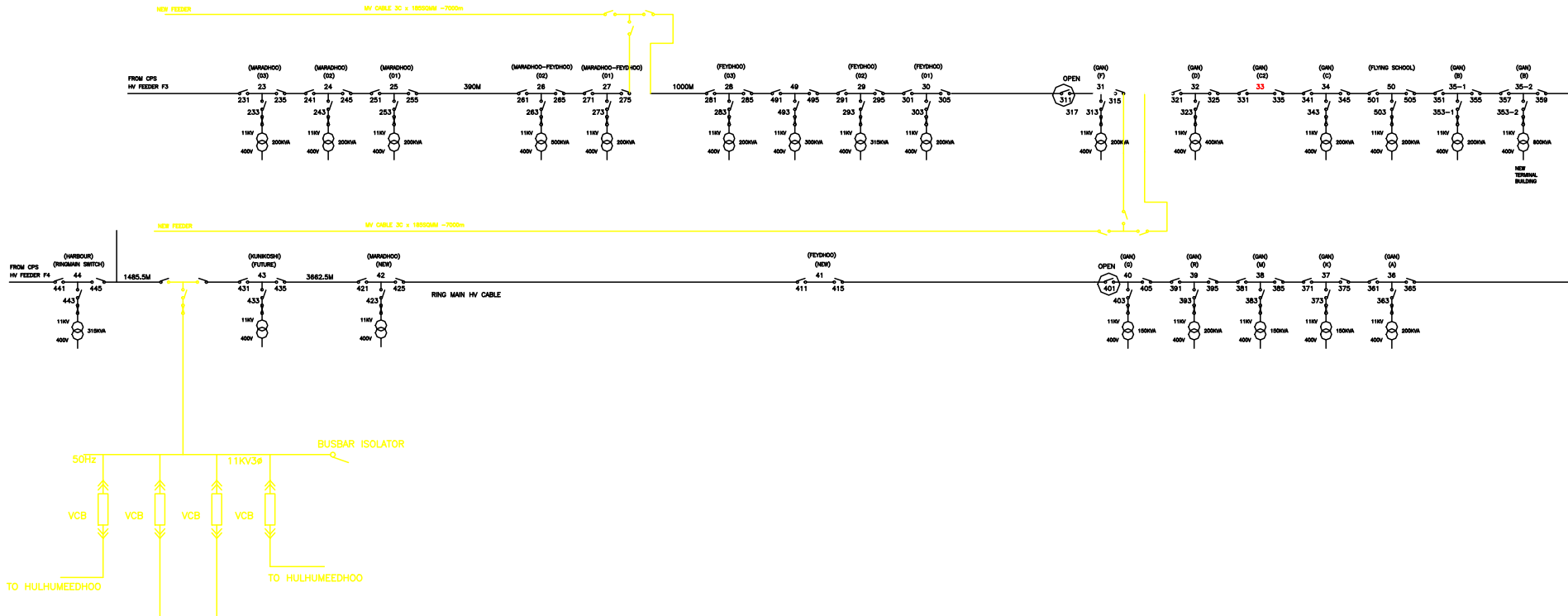
DATE: AUGUST 2019

REVISION:

DWG

PROJECT NO: G/2015/01

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MARADHOO TO GAN RING MAIN MV CABLE ROUTE

LOT 1- ADDU- HULHUDHOOMEEDHOO

LEGEND	
SYMBOLS / LINETYPE	DESCRIPTION
<div><div></div></div>	MV FEEDER 1
<div><div></div></div>	MV FEEDER 2
<div><div></div></div>	MV FEEDER 3
<div><div></div></div>	MV FEEDER 4
<div><div>T</div></div>	TRANSFORMER
<div><div></div></div>	DISTRIBUTION BOX
<div><div>SS</div></div>	SUBSTATION



Seventh floor, Port Complex, Malalinnu, Male', 20307
Tel: +960 3007555, Fax: +960 3327555,
Email: info@fenaka.mv
Website: www.fenaka.mv

PROJECT:
HULHUMEEDHOO DISTRIBUTION
NETWORK UPGRADE

LOCATION:
S. HULHUMEEDHOO

APPROVED BY:

CHECKED BY:

DESIGN BY:
MOHAMED IRUFAN HUSSAIN

ENGINEER:
MOHAMED IRUFAN HUSSAIN

DRAWN BY:
MOHAMED IRUFAN HUSSAIN

SERVICES ENG.:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

DATE: JANUARY 2021

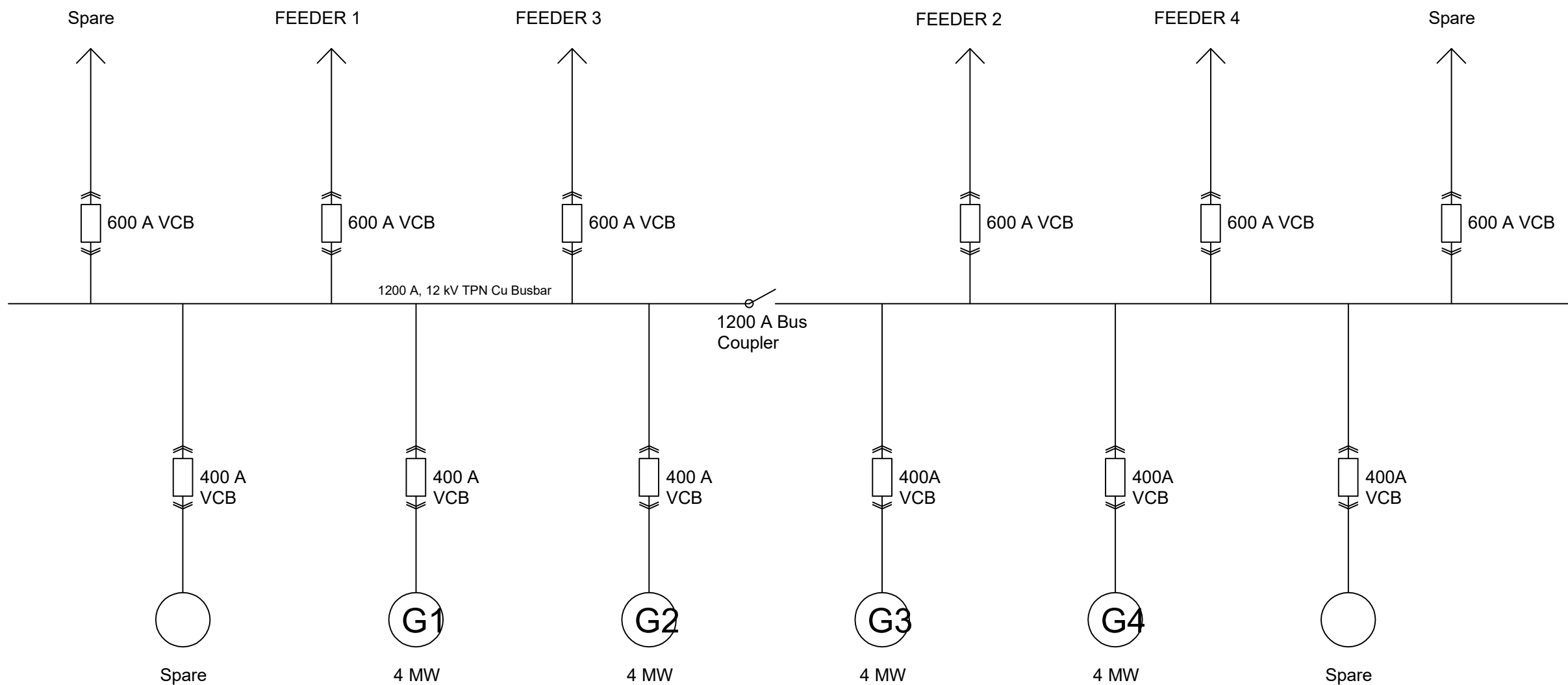
REVISION:

DWG NO.:


FM NO: -

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HULHUMEEDHOO PROPOSED GENERATION SLD



Seventh floor, Port Complex, Maalimnu, Male', 20307
Tel: +960 3007555, Fax: +960 3327555,
Email: info@fenaka.mv
Website: www.fenaka.mv

PROJECT:
HULHUMEEDHOO DISTRIBUTION
NETWORK UPGRADE

LOCATION:
S. HULHUMEEDHOO

APPROVED BY:

CHECKED BY:

DESIGN BY:
MOHAMED IRUFAN HUSSAIN

ENGINEER:
MOHAMED IRUFAN HUSSAIN

DRAWN BY:
MOHAMED IRUFAN HUSSAIN

SERVICES ENG.:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

DATE: JANUARY 2021

REVISION:

DWG NO.:

FM NO.: -

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Tel: +960 3007555, Fax: +960 3327555,
Email: info@fenaka.mv
Website: www.fenaka.mv

PROJECT:
HULHUMEEDHOO DISTRIBUTION
NETWORK UPGRADE
LOCATION:
S. HULHUMEEDHOO

APPROVED BY:

CHECKED BY:

DESIGN BY:
MOHAMED IRUFAN HUSSAIN
ENGINEER:
MOHAMED IRUFAN HUSSAIN
DRAWN BY:
MOHAMED IRUFAN HUSSAIN

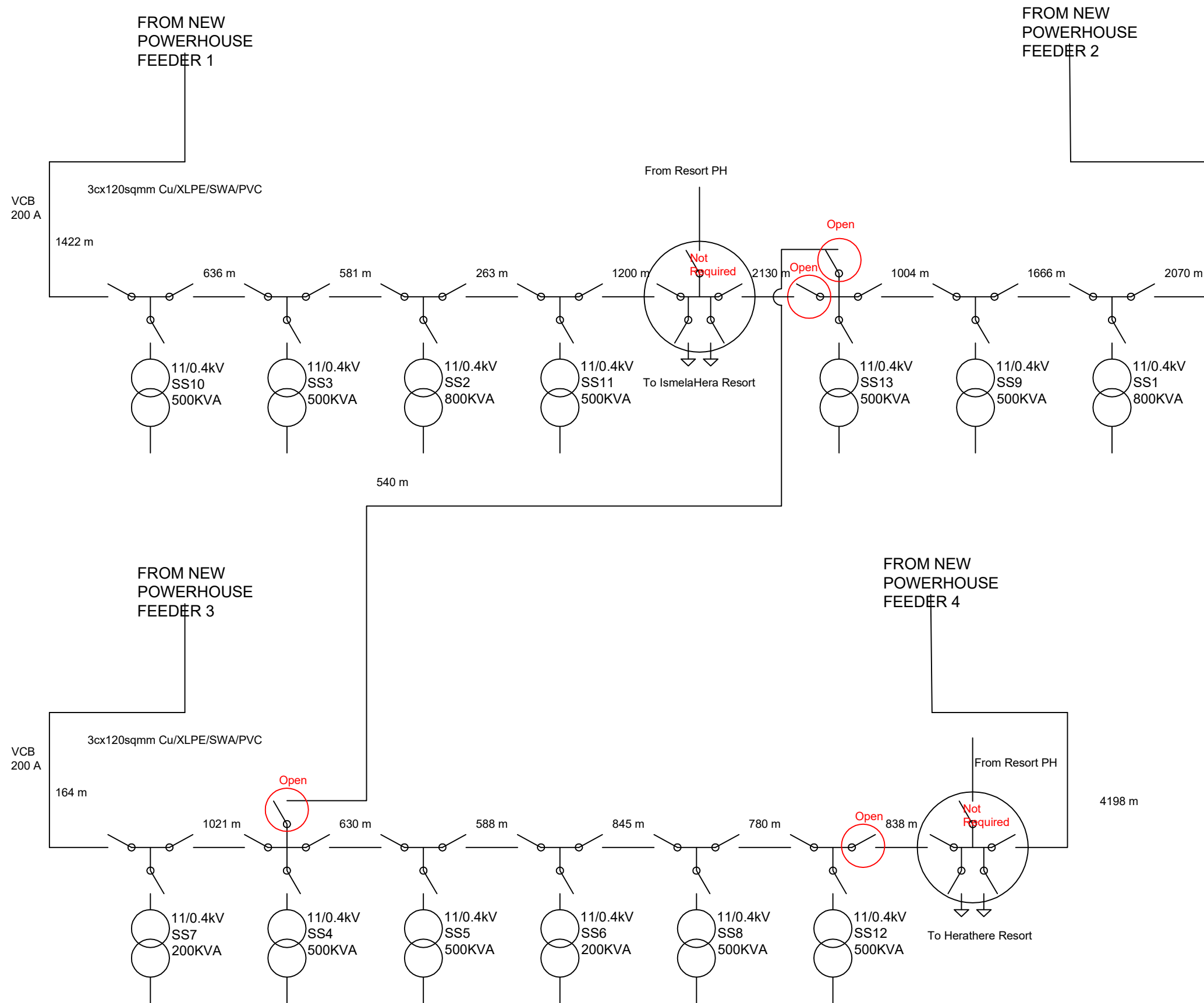
SERVICES ENG.:

DWG TITLE.: AS GIVEN
SCALE: AS GIVEN
DIMENSION: mm
DATE: JANUARY 2021

REVISION:


DWG NO.:
FM NO.:

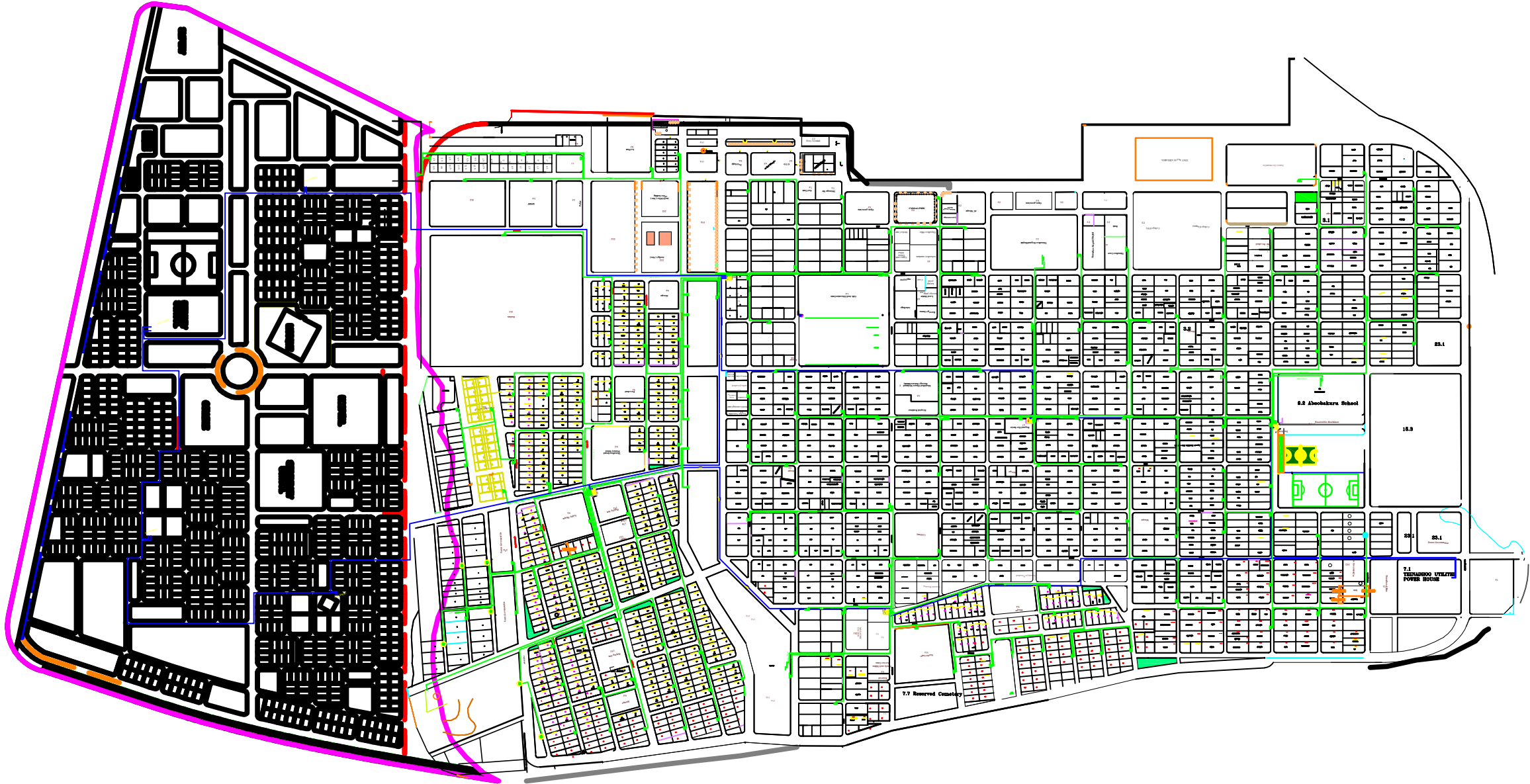
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HULHUMEEDHOO PROPOSED MV DISTRIBUTION SLD

LOT 1 - GDh THINADHOO

LEGEND	
SYMBOLS / LINETYPE	DESCRIPTION
	MV NETWORK



- PH-SS10 = 465 m (Existing)
SS10-SS11 = 462 m (Existing)
SS11-SS12 = 598 m (Existing)
SS12-SS13 = 401 m (Existing)
SS13-SS15 = 470 m (NEW)
SS15-SS16 = 481 m (NEW)
SS16-SS17 = 398 m (NEW)
SS17-SS18 = 426 m (NEW)
- SS18-SS12 = 700 m (NEW)
SS13-SS14 = 550 m (Existing)

THINADHOO PROPOSED MV NETWORK UPGRADE



Seventh floor, Port Complex, Maalimnu, Male', 20307
Tel: +960 3007555, Fax: +960 3327555,
Email: info@jenaka.com.mv
Website: www.jenaka.com.mv

PROJECT:
THINADHOO MV GRID UPGRADE

LOCATION:
GDH. THINADHOO

APPROVED BY:

CHECKED BY:

DESIGN BY:

ENGINEER:

DRAWN BY:

SERVICES ENG.:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

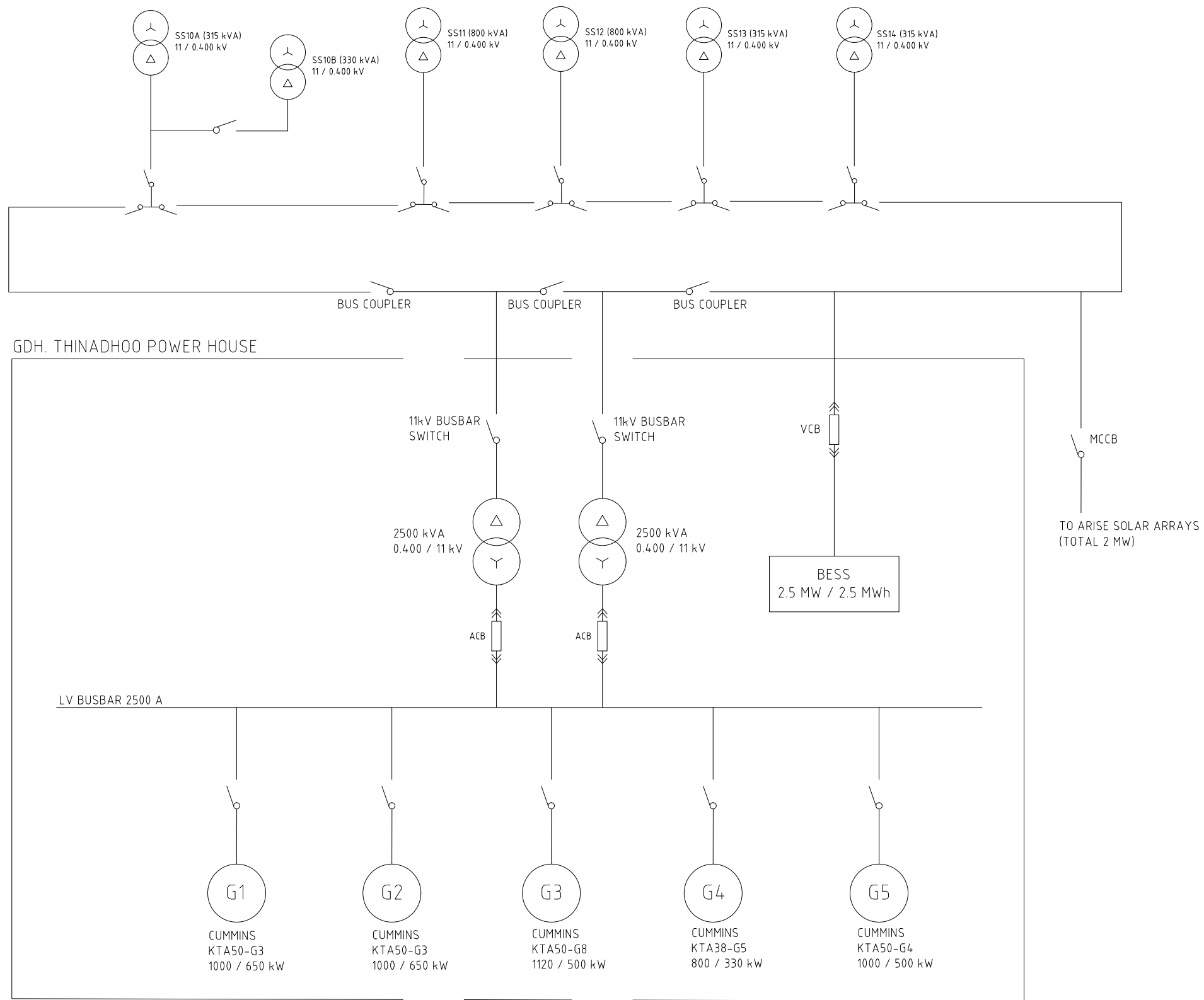
DATE: JANUART 2021

REVISION:	

DWG NO.:

PROJECT NO: - G/2015/01

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APPROVED	
DATE	
CLIENT APP'D	
DATE	

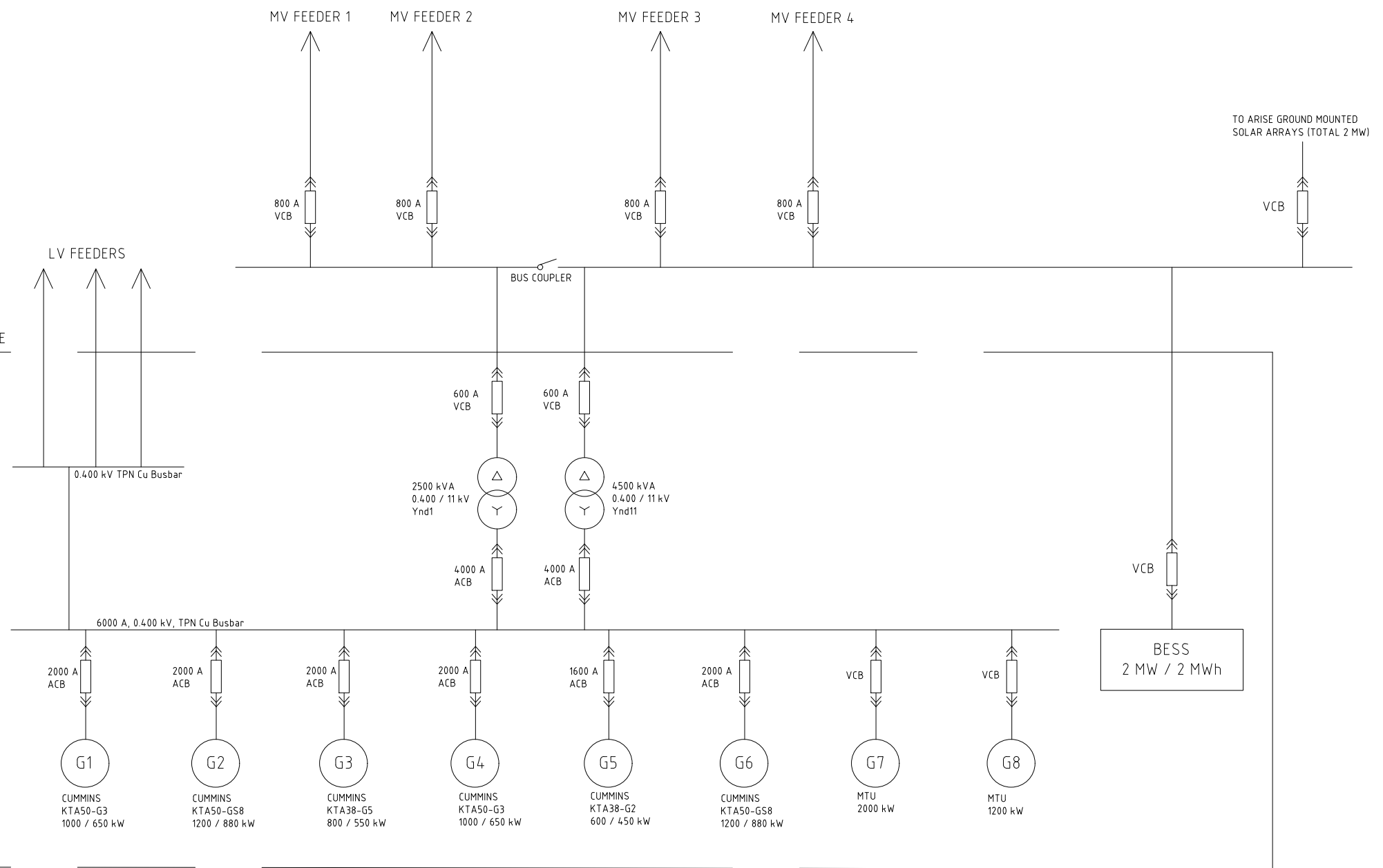
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CLIENT	MV MINISTRY OF FINANCE	ENGAGEMENT No:	E308783
TITLE	GDH. THINADHOO DISTRIBUTION NETWORK SINGLE LINE DIAGRAM		
DRG No.	1007	SHT.	1
		REV.	0 A3

LOT 1- FUVAHMULAH

ENTURA IS A BUSINESS OF HYDRO-ELECTRIC CORPORATION ABN 48 072 377 158

GN. FUVAHMULAH PROPOSED POWER HOUSE



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DESIGNED	LM
CHECKED	CB
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DATE	
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DATE	

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CLIENT	MV MINISTRY OF FINANCE	ENGAGEMENT No:	E308783
TITLE	GN. FUVAHMULAH POWER HOUSE SINGLE LINE DIAGRAM		
DRG No.	1003	SHT.	1
		REV.	0
			A3

LOT 2 - HDh KULHUDHUFFUSHI



Seventh floor, Port Complex, Maafanu, Male', 20307
Tel: +960 3007555, Fax: +960 3327555,
Email: info@fenaka.com.mv
Website: www.fenaka.com.mv

PROJECT:

POWER DISTRIBUTION NETWORK

LOCATION:

H.Dh-Kulhudhuffushi

APPROVED BY:

ABDULLA NASITH
DIRECTOR

CHECKED BY:

ABDULLA NASITH

RE DESIGN BY:

RIFAATH

ENGINEER:

NASITH

DRAWN BY:

R.A.JALEEL

SERVICES ENG:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

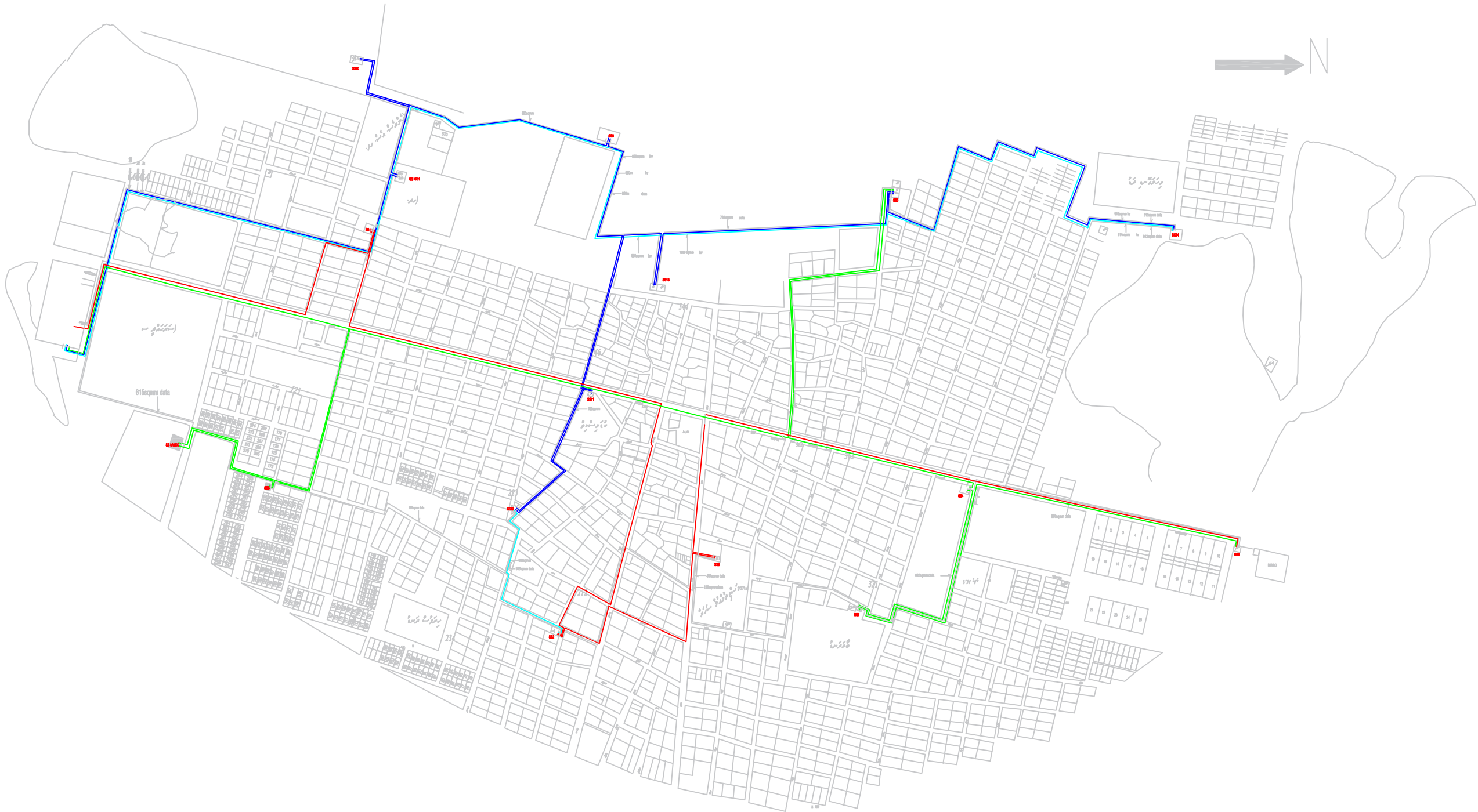
DATE: Sept 2021

REVISION:

DWG NO.: A-01

PROJECT NO: -

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MV FEEDER POWER DISTRIBUTION NETWORK

AT H.Dh-Kulhudhuffushi

PROJECT:
POWER DISTRIBUTION NETWORK

LOCATION:
H.Dh-Kuludhuffushi

APPROVED BY:
ABDULLA NASITH
DIRECTOR

CHECKED BY:
ABDULLA NASITH

RE DESIGN BY:
RIFAATH

ENGINEER:
NASITH

DRAWN BY:
R.A.JALEEL

SERVICES ENG:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

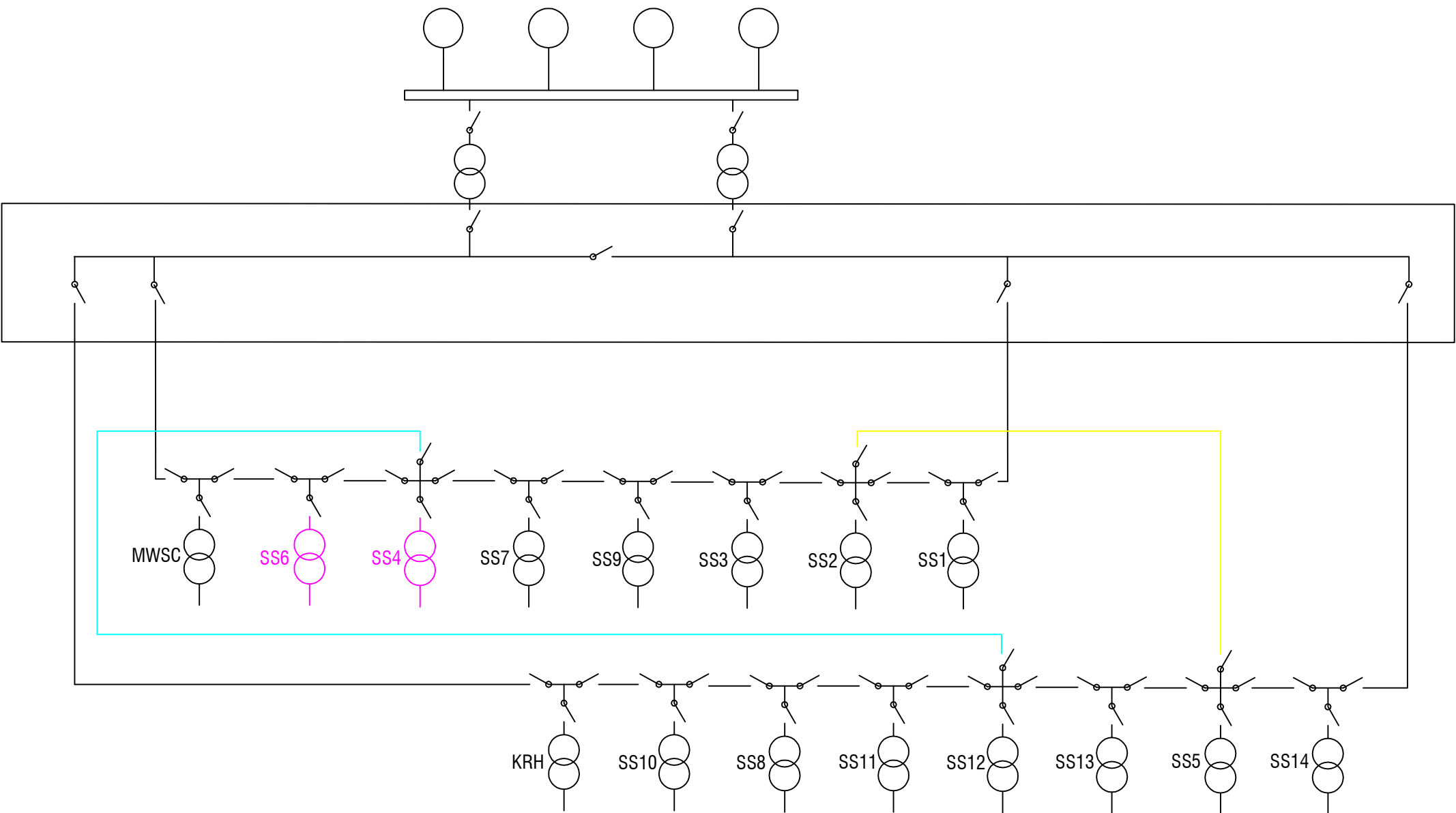
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REVISION:

DWG NO.: A-01

PROJECT NO: -

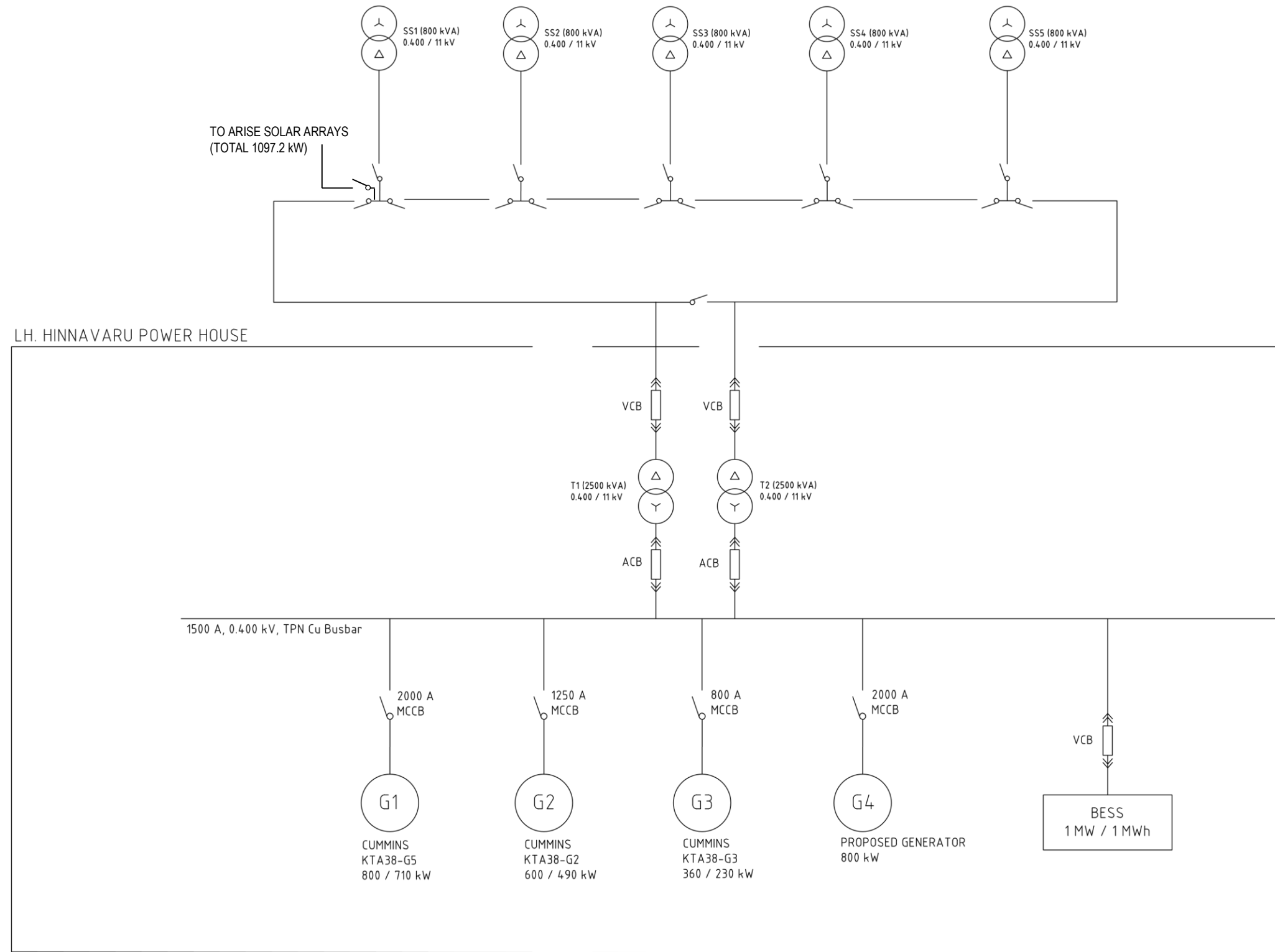
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SS REPLACEMENTS UNDER ARISE

MV SLD
AT H.DH.KULUDHUFFUSHI

LOT 2 - Lh HINNAVARU



DRAWN	LM
CHECKED	CB
DESIGNED	LM
CHECKED	CB
APPROVED	
DATE	
CLIENT APP'D	
DATE	

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
CLIENT	MV MINISTRY OF FINANCE	ENGAGEMENT No:	E308783
TITLE	LH. HINNAVARU POWER HOUSE SINGLE LINE DIAGRAM		
DRG No.	1005	SHT.	1
		REV.	0
			A3

LOT 2 - B.EYDHAFUSHI



CLIENT	MV MINISTRY OF FINANCE		ENGAGEMENT No:	E308783
TITLE	B. EYDHAFUSHI DISTRIBUTION NETWORK SINGLE LINE DIAGRAM			
DRG No.	1002	SHT.	1	REV. 0

LOT 3 - L.FONADHOO


LEGEND	
SYMBOLS / LINETYPE	DESCRIPTION
	EXISTING MV CABLES
	PROPOSED CABLE
	PROPOSED RING CABLE
	DISTRIBUTION BOX
	SUBSTATION



MV FEEDER POWER DISTRIBUTION NETWORK

AT L.FONADHOO

NTSC



Seventh floor, Port Complex, Maafannu, Male', 20307
Tel: +960 3007555, Fax: +960 3327555,
Email: info@fenaka.com/mv
Website: www.fenaka.com/mv

PROJECT:
POWER DISTRIBUTION NETWORK

LOCATION:
L.FONADHOO

APPROVED BY:
ABDULLA NASITH
DIRECTOR

CHECKED BY:
ABDULLA NASITH

RE DESIGN BY:
RIFAATH

ENGINEER:
NASITH

DRAWN BY:
R.A.JALEEL

SERVICES ENG:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

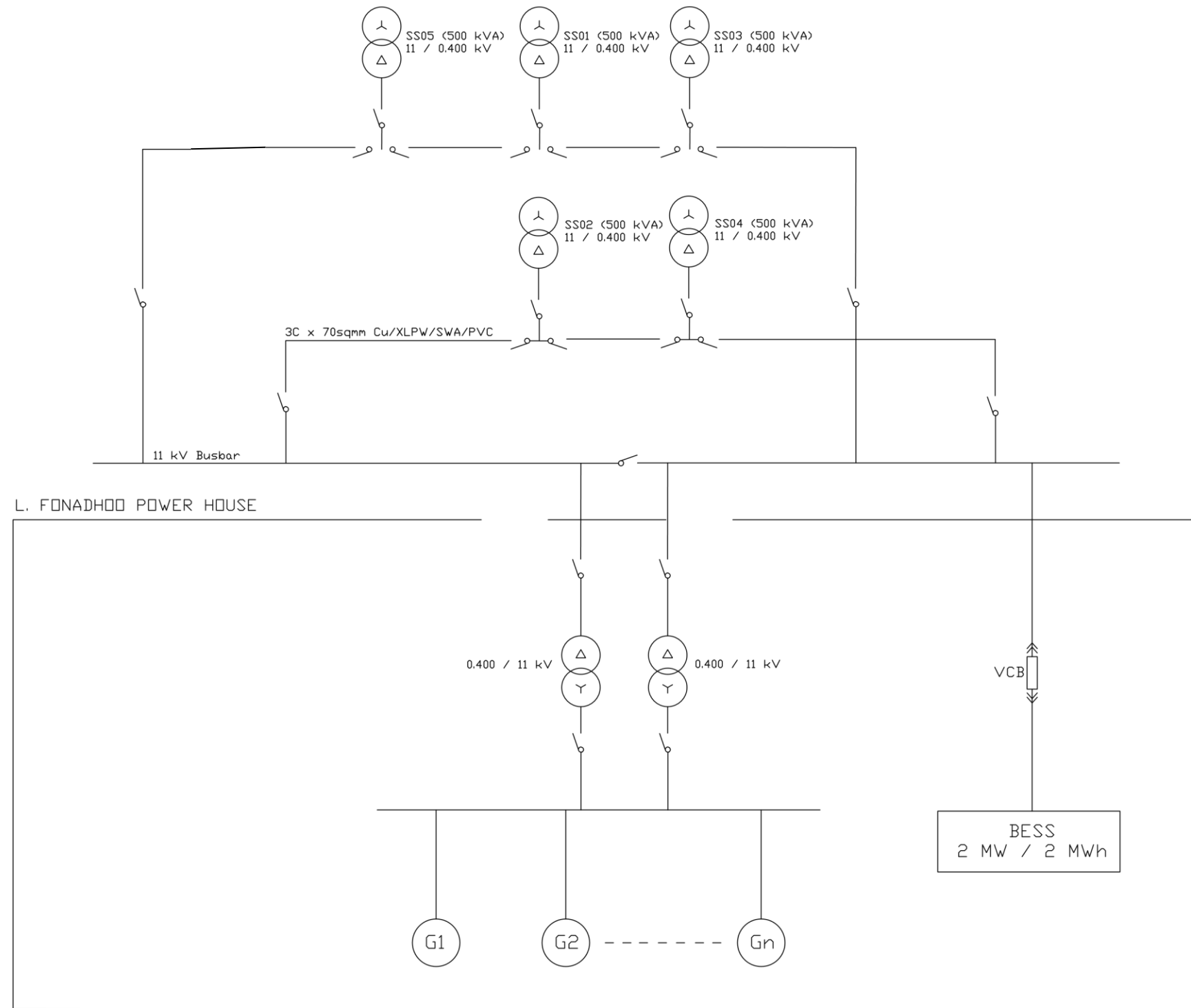
DATE:JULY 2020

REVISION:

DWG NO.: A-01

PROJECT NO.: -

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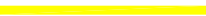

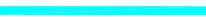





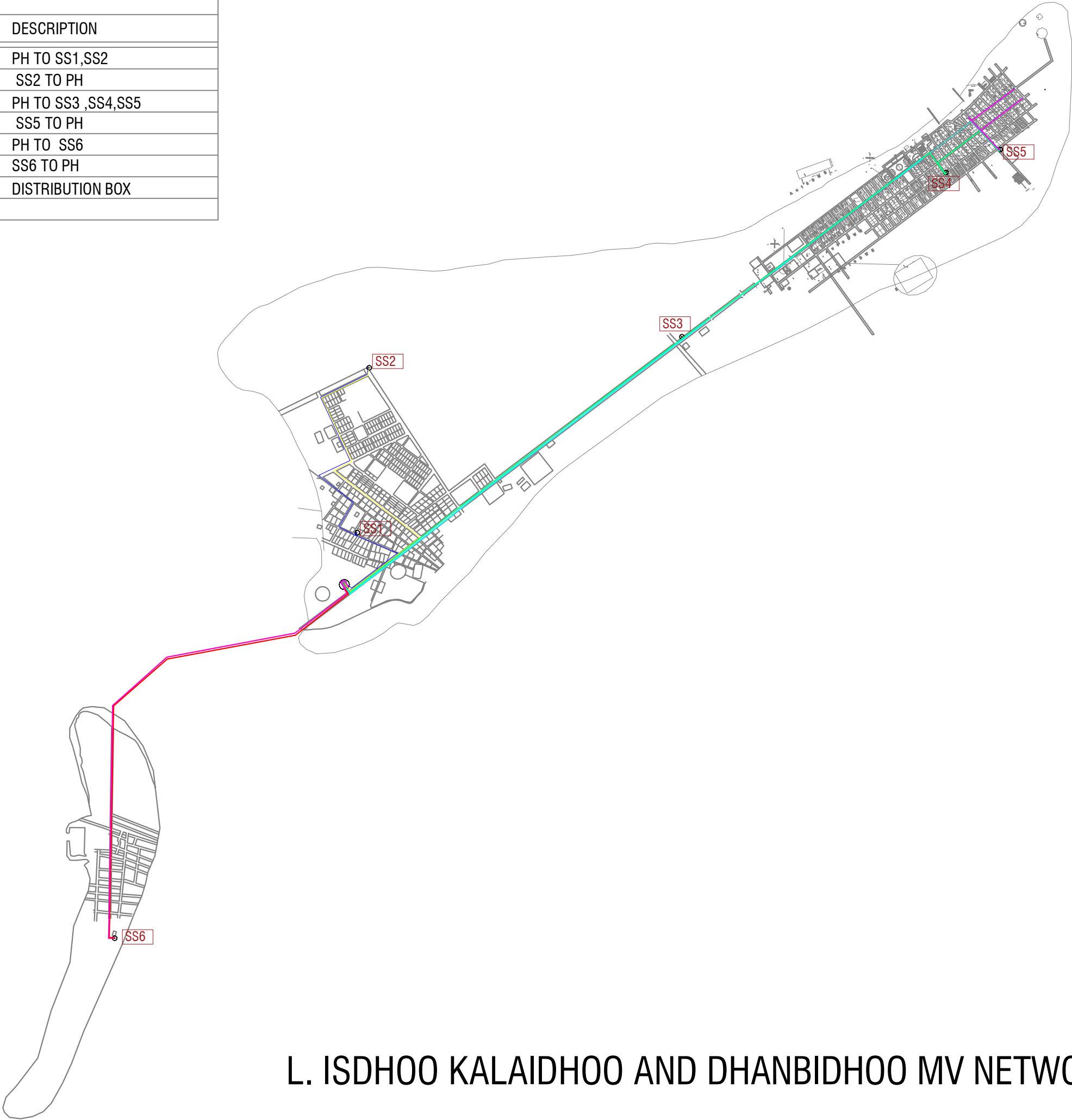
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DATE	

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CLIENT	MIN. OF FINANCE	ENGAGEMENT No:	308783
TITLE	L. FONADHOO POWER HOUSE SINGLE LINE DIAGRAM		
DRG No.	1008	SHT.	1
		REV.	A A3

LOT 3 - ISDHOO , KALAI DHOO, DHANBIDHOO INTERCONNECTED
NETWORK

LEGEND	
SYMBOLS / LINETYPE	DESCRIPTION
	PH TO SS1,SS2
	SS2 TO PH
	PH TO SS3 ,SS4,SS5
	SS5 TO PH
	PH TO SS6
	SS6 TO PH
	DISTRIBUTION BOX



L. ISDHOO KALAI DHOO AND DHANBIDHOO MV NETWORK



Seventh floor, Port Complex, Maafannu, Male', 20307
Tel: +960 3007555, Fax: +960 3327555,
Email: info@fenaka.com.mv
Website: www.fenaka.com.mv

PROJECT:
L.ISDHOO, L.KALAI DHOO,L.DHANBIDHOO CPS

LOCATION:
L. ISDHOO KALAI DHOO,DHANBIDHOO

APPROVED BY:
ABDULLA NASITH
DIRECTOR

CHECKED BY:
ABDULLA NASITH

DESIGN BY:
NASITH/IRUFAN

ENGINEER:
NASITH

DRAWN BY:
M.SHAREEF

SERVICES ENG:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

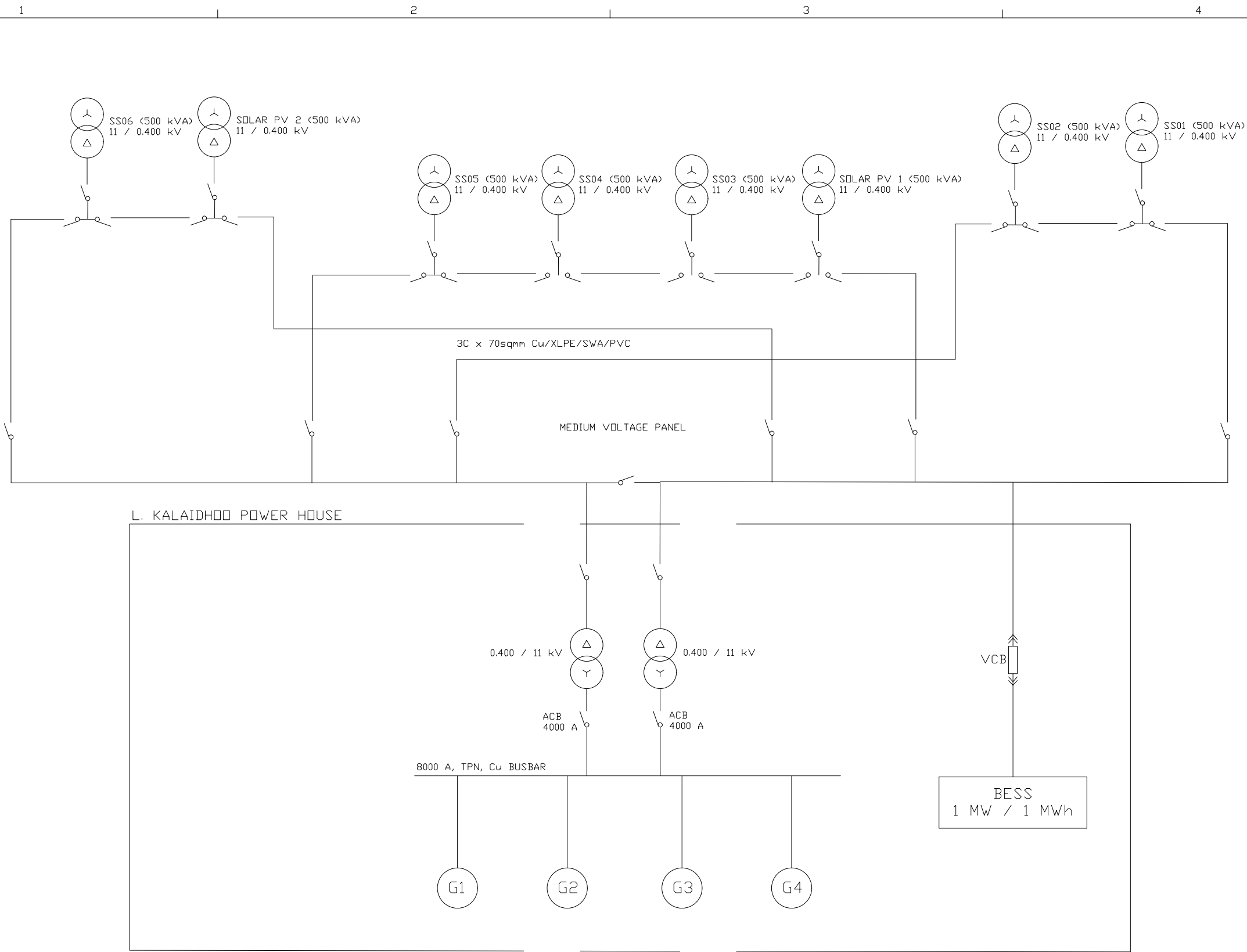
DIMENSION: mm

DATE:OCT 2020

REVISION:

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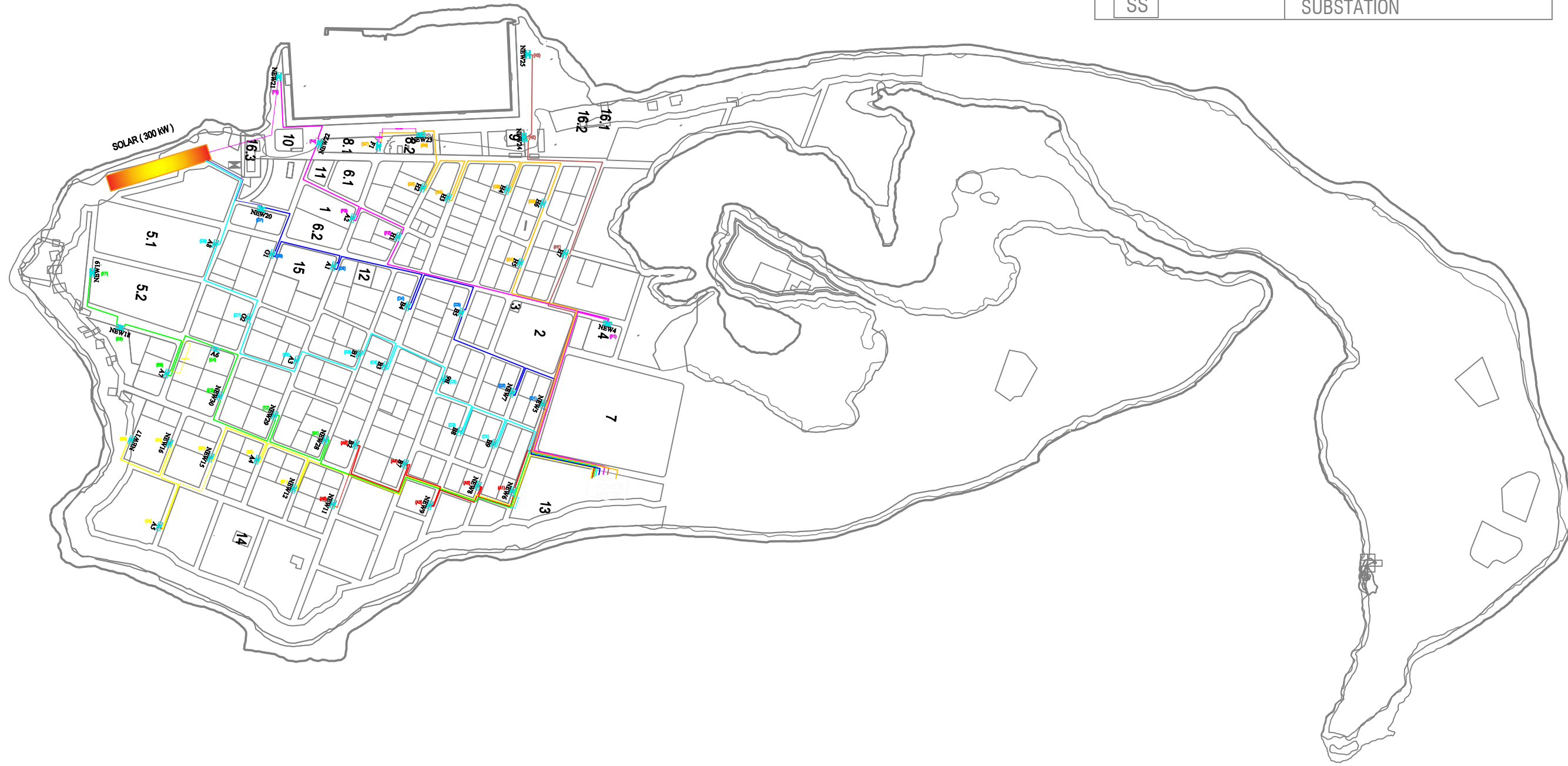


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DESIGNED	
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DATE	
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CLIENT	MIN. OF FINANACE	ENGAGEMENT No	308783
TITLE	L. DHANBIDHOO, L. ISDHOO, L. KALAI DHOO POWER HOUSE SINGLE LINE DIAGRAM		
DRG No.	1010	SHT. 1	REV. A A3

LOT 3 - L. MAAB AidHOO



LEGEND	
SYMBOLS / LINETYPE	DESCRIPTION
<div></div>	FEEDER A
<div></div>	FEEDER B
<div></div>	FEEDER C
<div></div>	FEEDER D
<div></div>	FEEDER E
<div></div>	FEEDER F
<div></div>	FEEDER G
<div></div>	FEEDER H
<div>T</div>	TRANSFORMER
<div></div>	DISTRIBUTION BOX
<div>SS</div>	SUBSTATION



Seventh floor, Port Complex, Meallanmu, Male', 20307
Tel: +960 3007555, Fax: +960 3327555,
Email: info@fenaka.com.mv
Website: www.fenaka.com.mv

PROJECT:
MAABAI DHOO DISTRIBUTION NETWORK
UPGRADE

LOCATION:
L. MAABAI DHOO

APPROVED BY:

CHECKED BY:
ABDULLA NASHITH

DESIGN BY:
MOHAMED IRUFAN HUSSIAN
LAYAL SHAKIR

ENGINEER:
MOHAMED IRUFAN HUSSIAN
LAYAL SHAKIR

DRAWN BY:
MOHAMED IRUFAN HUSSIAN
LAYAL SHAKIR

SERVICES ENG.:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

DATE: November 2021

REVISION:

DWG NO.:

FM NO.: - FNN/A07/E/FM/2020/0128

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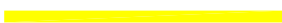







MAABAI DHOO LV FEEDER ROUTES



**CONTRACTORS MUST CHECK ALL
DIMENSIONS ON SITE BEFORE
STARTING ANY WORK OR SHOP DRAWINGS,
FIGURED DIMENSIONS TO TAKE
PRECEDENCE OVER SCALE READINGS.
DO NOT SCALE DRAWINGS, IN CASE DOUBT,
PLEASE ASK.**

LOT 3 - L.KUNHANDHOO

LOT 3 - L . HITHADHOO

LEGEND	
SYMBOLS / LINETYPE	DESCRIPTION
	FEEDER-A
	FEEDER-B
	FEEDER-C
	FEEDER-D
	FEEDER-E
	FEEDER-F
	FEEDER-G
	DISTRIBUTION BOX
	SUBSTATION



LV FEEDER EXISTING POWER DISTRIBUTION NETWORK AT L.HITHADHOO

NTSC



Seventh floor, Port Complex, Maafannu, Male', 20307
Tel: +960 3007555, Fax: +960 3327555,
Email: info@fenaka.com.mv
Website: www.fenaka.com.mv

PROJECT:

POWER DISTRIBUTION NETWORK

LOCATION:

L.HITHADHOO

APPROVED BY:

ABDULLA NASHITH
DIRECTOR

CHECKED BY:

RIFAATH
DEPUTY DIRECTOR

DESIGN BY:

SHAHULA /IRUFAN

ENGINEER:

NASHITH

DRAWN BY:

M.SHAREEF

SERVICES ENG:

DWG TITLE.: AS GIVEN

SCALE: AS GIVEN

DIMENSION: mm

DATE:JUNE 2021

REVISION:

A-01

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LOT 3- FUNADHOO

No Drawings included.

Refer to Technical Specifications, Appendix B.