

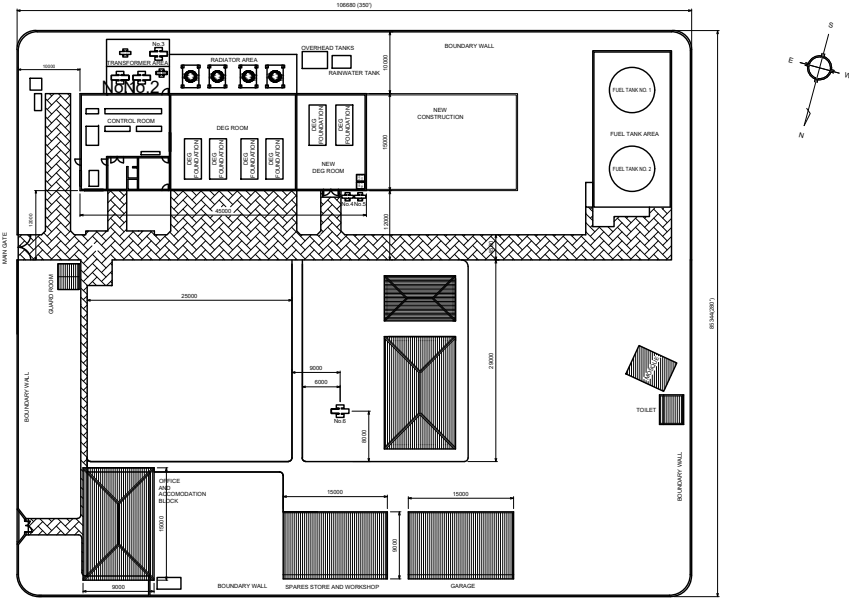
For Reference



ADDU ATOLL



FENAKA Central Power Station, Hithadhoo (Picture)

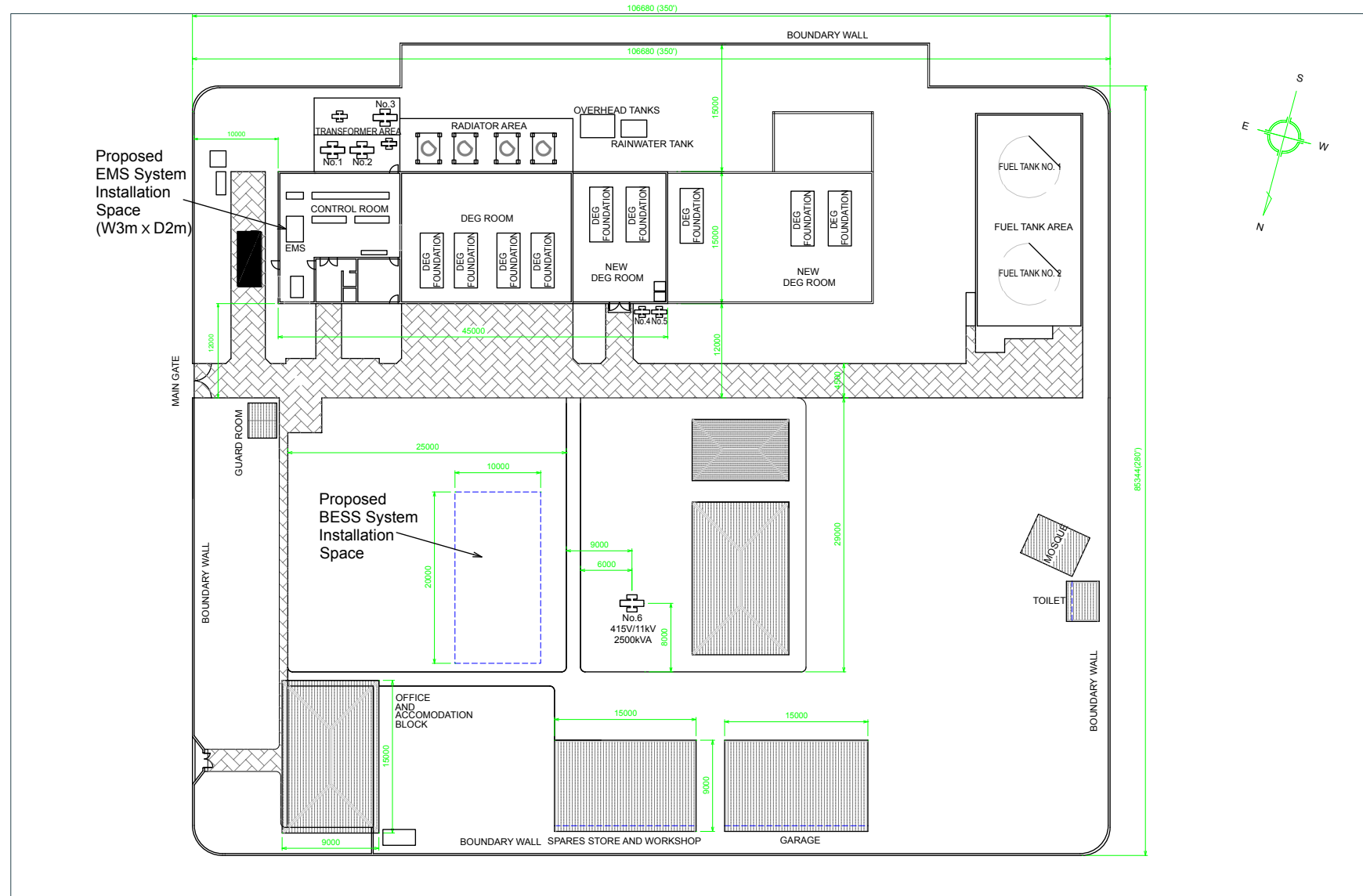


FENAKA Central Power Station Layout Diagram

NOTES: 1. THESE DRAWINGS ARE PRELIMINARY AND ARE FOR TENDERING PURPOSES ONLY. 2. CONTRACTOR SHALL CARRY OUT DETAILED SITE SURVEY AND ENGINEERING / STUDY TO EVALUATE AND PROPOSE THE EXTENT OF REPLACEMENT / MODIFICATION REQUIRED IN THE EXISTING GENERATION NETWORK. THIS IS SUBJECT TO REVIEW AND APPROVAL BY THE EMPLOYER DURING THE ENGINEERING PHASE OF THE PROJECT.	REVISION	DRAWING TITLE : THE LOCATION OF PROJECT SITE		SCALE : Not in Scale
				DRW NO. : POISED-0429-MLD-L001
		PROJECT TITLE : DESIGN,SUPPLY AND INSTALLATION OF EMS AND BESS SYSTEM FOR PV DIESEL HYBRID SYSTEM IN ADDU CITY OF MALDIVES	EMPLOYER : MINISTRY OF ENVIORNMENT AND ENERGY (MEE), GOVERNMENT OF THE REPUBLIC OF MALDIVES	PROJECT SITE : ADDU CITY, HITHADHOO
				DATE :

For Reference

Central Power Station Layout Diagram



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REVISION

DRAWING TITLE :

THE PROPOSED LOCATION OF EMS AND BESS SYSTEM

PROJECT TITLE :

DESIGN, SUPPLY AND INSTALLATION OF EMS AND BESS SYSTEM FOR PV DIESEL HYBRID SYSTEM IN ADDU CITY OF MALDIVES

EMPLOYER :

MINISTRY OF ENVIRONMENT AND ENERGY (MEE)
GOVERNMENT OF THE REPUBLIC OF MALDIVES

SCALE : Not in Scale

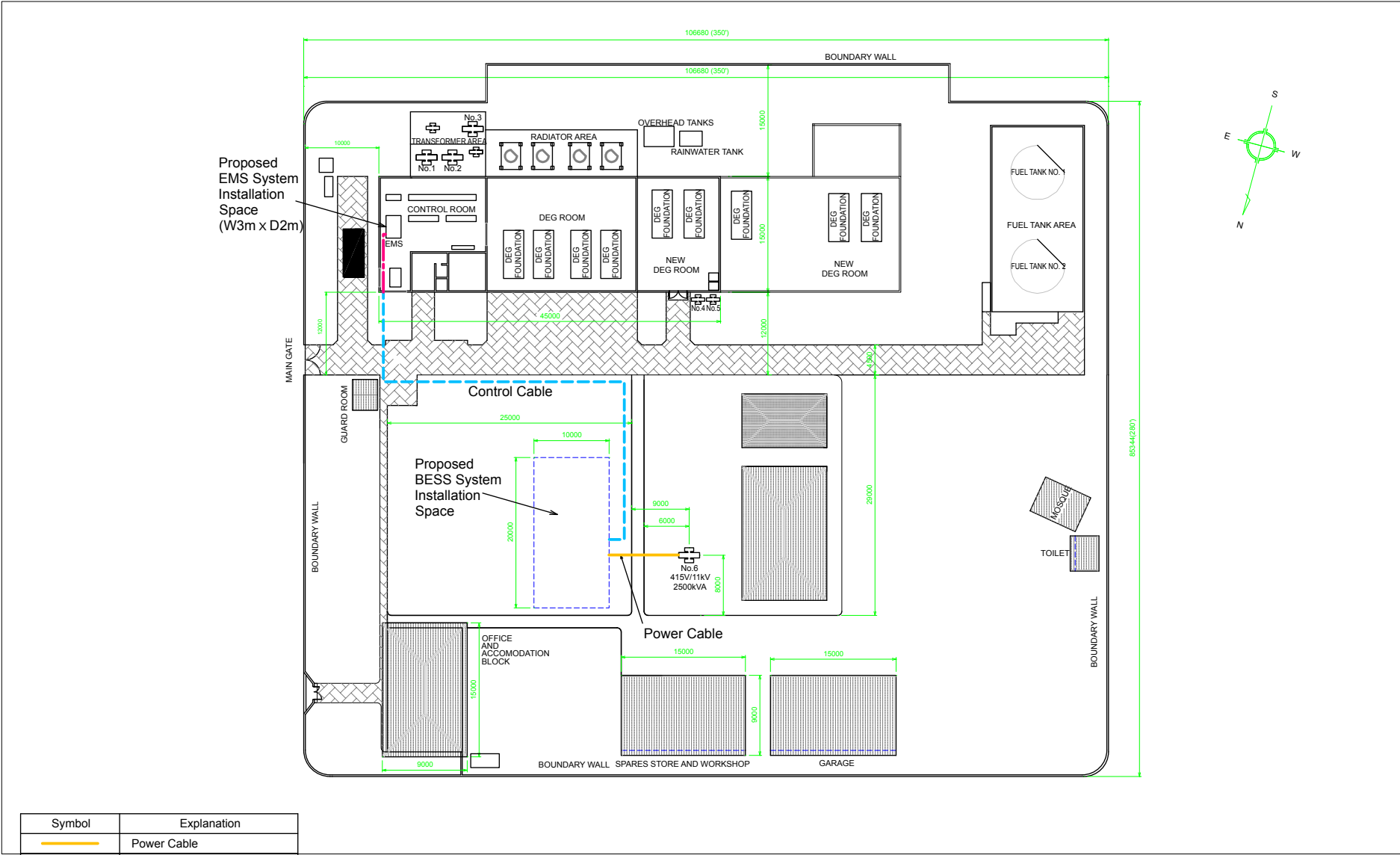
DRW NO. : POISED-0429-MLD-L002

PROJECT SITE : ADDU CITY, HITHADHO

DATE :

For Reference

Central Power Station Layout Diagram



Symbol	Explanation
	Power Cable
	Control Cable Under Ground
	Control Cable Ceiling

NOTES:

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REVISION

DRAWING TITLE :

THE PROPOSED POWER CABLE AND CONTROL CABLE ROUTE

PROJECT TITLE :

DESIGN, SUPPLY AND INSTALLATION OF EMS AND BESS SYSTEM FOR PV DIESEL HYBRID SYSTEM IN ADDU CITY OF MALDIVES

EMPLOYER :

MINISTRY OF ENVIORNMENT AND ENERGY (MEE)
GOVERNMENT OF THE REPUBLIC OF MALDIVES

SCALE : Not in Scale

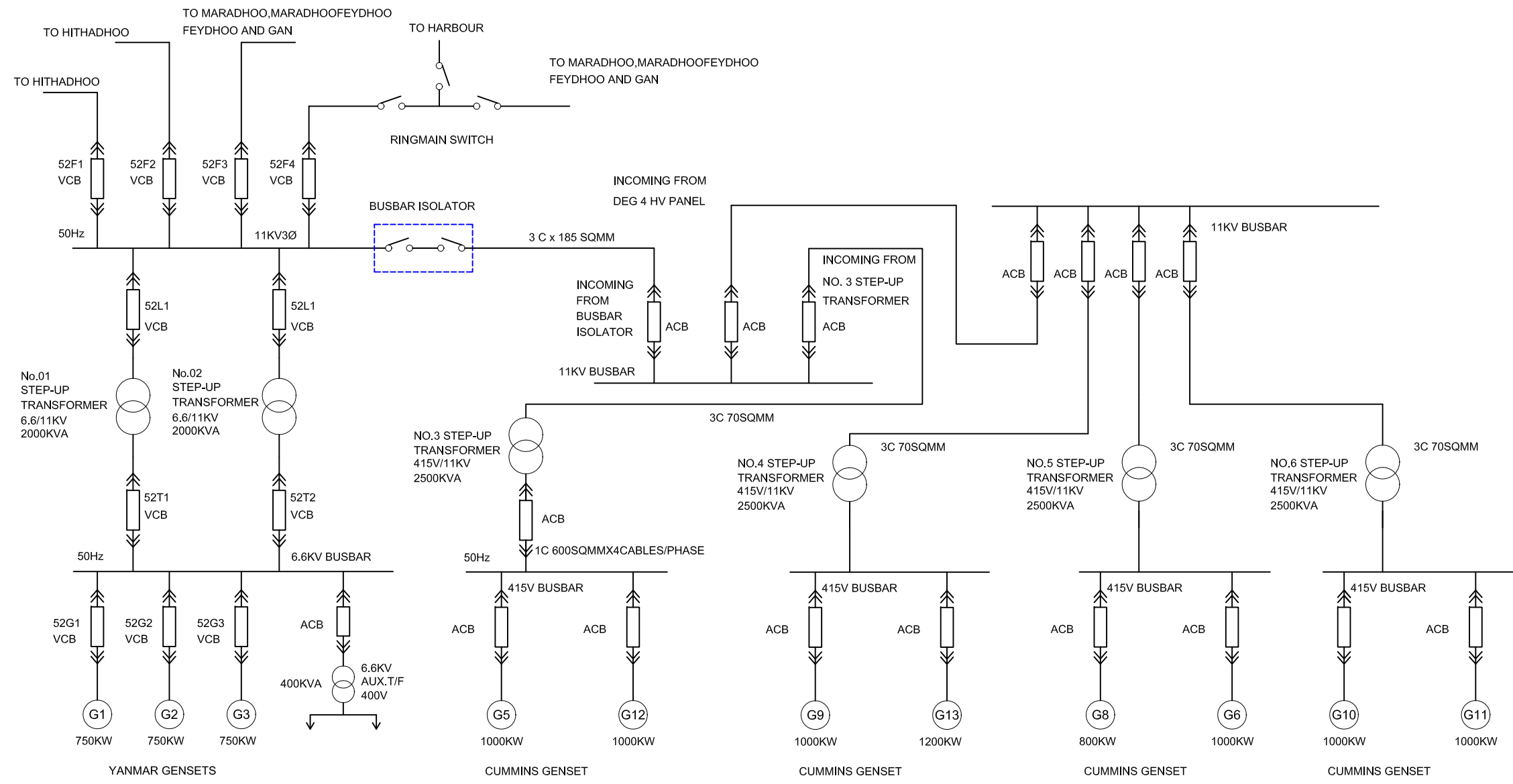
DRW NO. : POISED-0429-MLD-L003

PROJECT SITE : ADDU CITY, HITHADHOC

DATE :

FENAKA CENTRAL POWER STATION

SINGLE LINE DIAGRAM



Symbol	Explanation
VCB	Vacuum Circuit Breaker
ACB	Air Circuit Breaker
G 1~13	Diesel Generator

NOTES:

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REVISION

DRAWING TITLE :

EXISTING DIESEL GENERATION SYSTEM OF FENAKA

PROJECT TITLE :

DESIGN,SUPPLY AND INSTALLATION OF EMS AND BESS SYSTEM FOR PV DIESEL HYBRID SYSTEM IN ADDU CITY OF MALDIVES

EMPLOYER :

MINISTRY OF ENVIORNMENT AND ENERGY (MEE), GOVERNMENT OF THE REPUBLIC OF MALDIVES

SCALE : Not in Scale

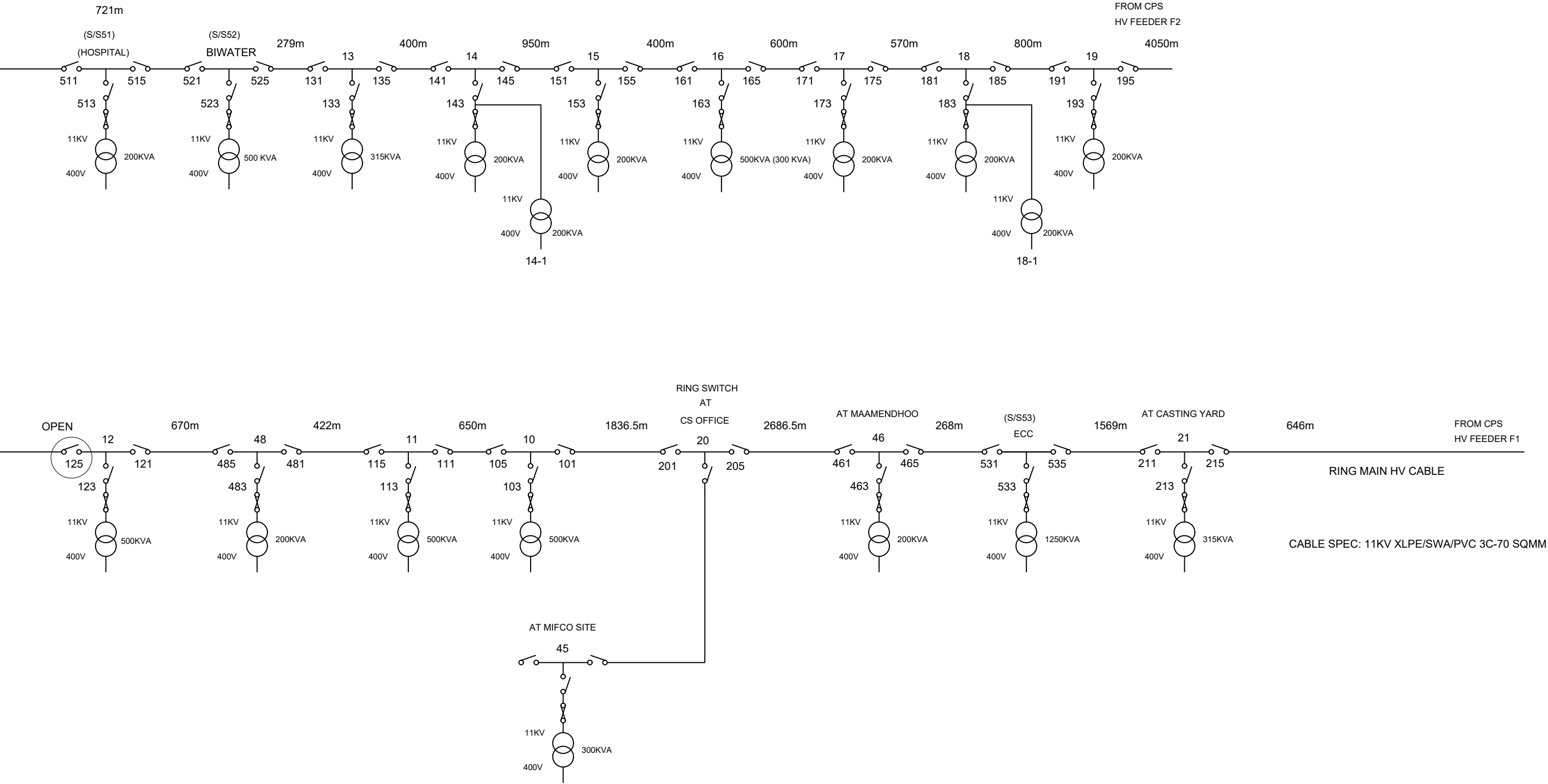
DRW NO. : POISED-0429-MLD-E001

PROJECT SITE : ADDU CITY, HITHADHOO

DATE :

For Reference

HITHADHOO RING MAIN HV CABLE ROUTE

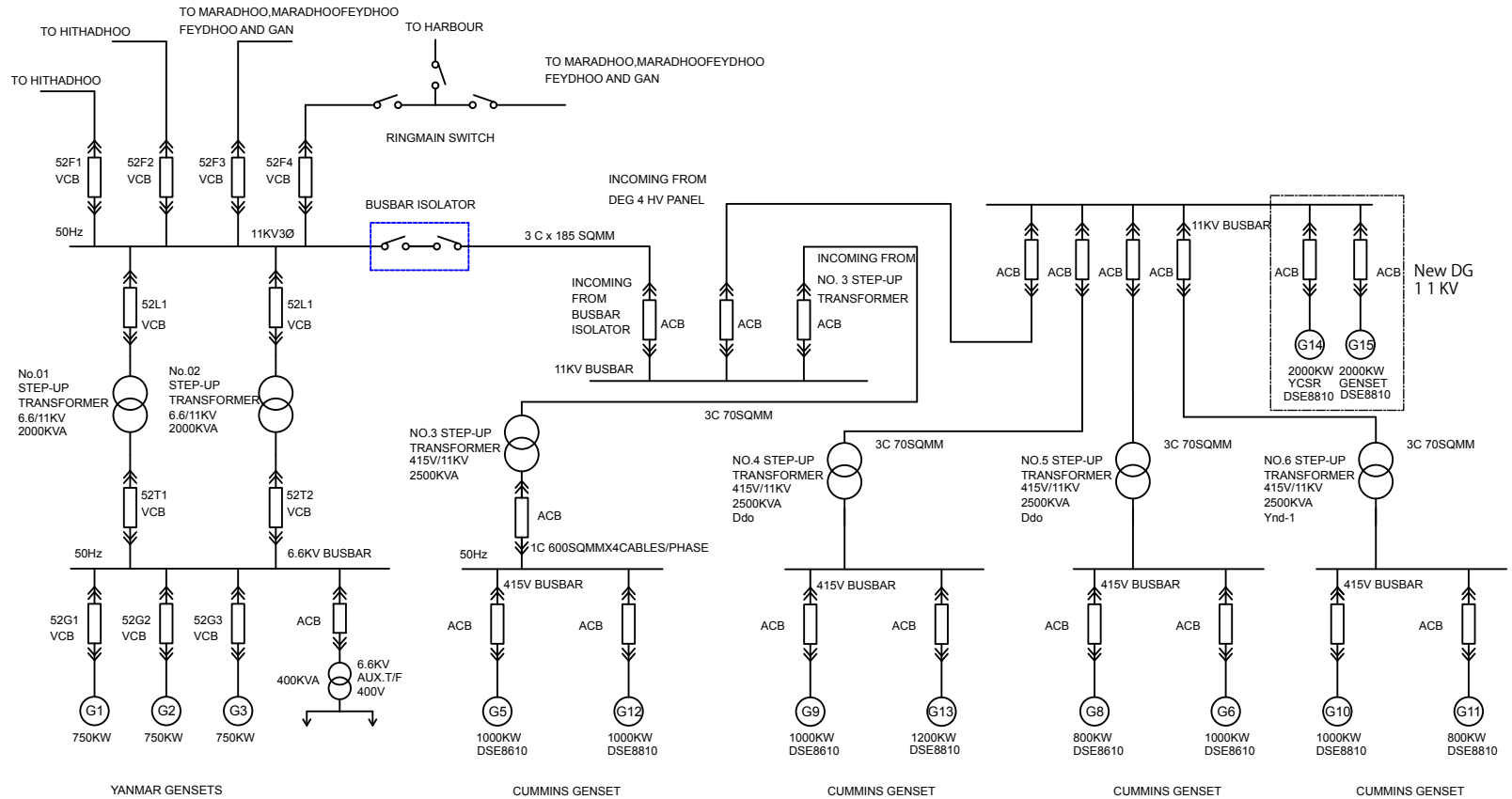


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				DRW NO. : POISED-0429-MLD-E002
		PROJECT TITLE : DESIGN,SUPPLY AND INSTALLATION OF EMS AND BESS SYSTEM FOR PV DIESEL HYBRID SYSTEM IN ADDU CITY OF MALDIVES	EMPLOYER : MINISTRY OF ENVIORNMENT AND ENERGY (MEE), GOVERNMENT OF THE REPUBLIC OF MALDIVES	PROJECT SITE : ADDU CITY, HITHADHOO
				DATE :

For Reference

FENAKA CENTRAL POWER STATION

SINGLE LINE DIAGRAM



Symbol	Explanation
VCB	Vacuum Circuit Breaker
ACB	Air Circuit Breaker
G 1~15	Diesel Generator
DSE	Deep Sea Electronics DG Control Panel

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REVISION

DRAWING TITLE :

PROPOSED CONNECTION POINT OF NEW 11KV DIESEL GENERATOR

PROJECT TITLE :

DESIGN,SUPPLY AND INSTALLATION OF EMS AND BESS SYSTEM FOR PV DIESEL HYBRID SYSTEM IN ADDU CITY OF MALDIVES

EMPLOYER :

MINISTRY OF ENVIRONMENT AND ENERGY (MEE)
GOVERNMENT OF THE REPUBLIC OF MALDIVES

SCALE : Not in Scale

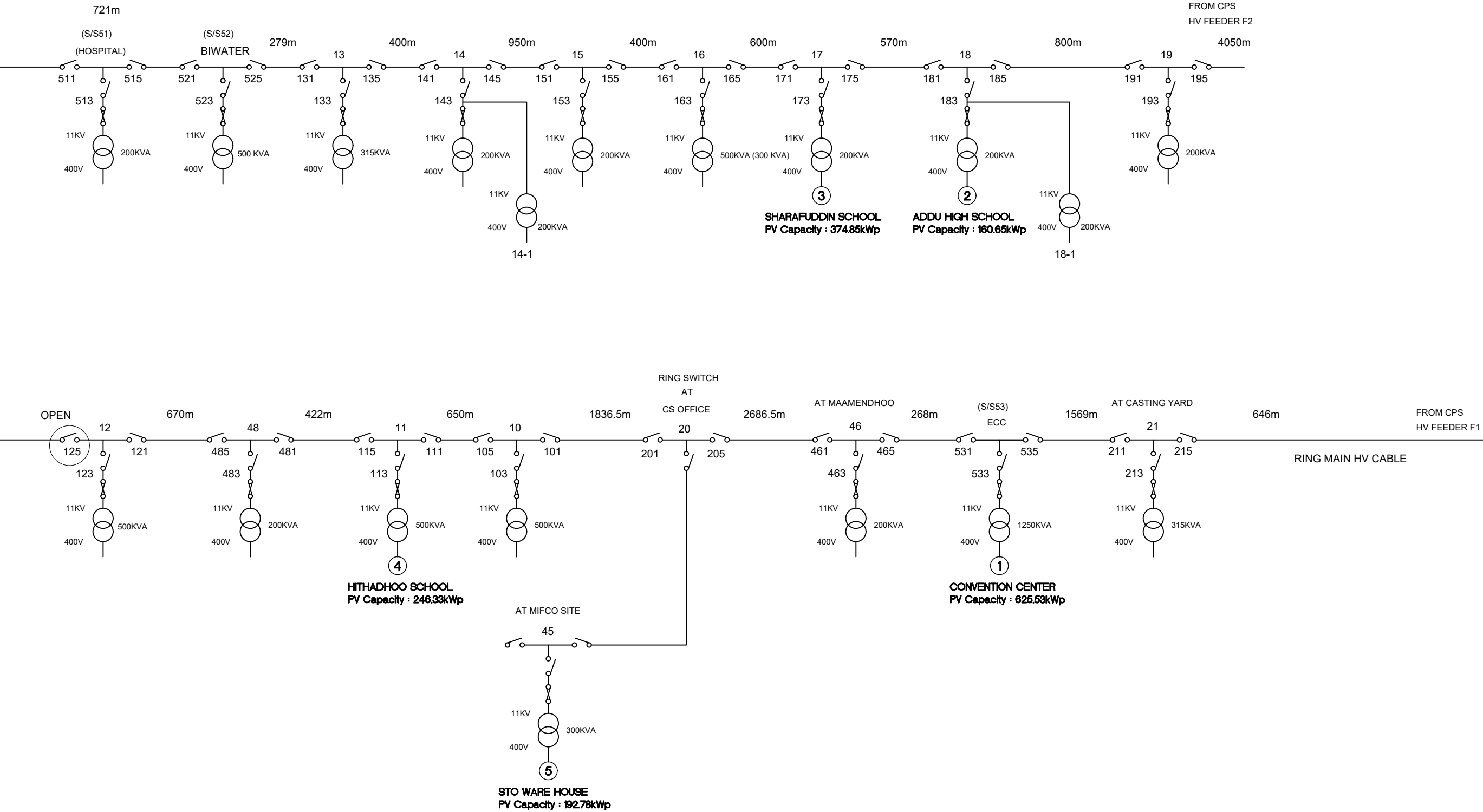
DRW NO. : POISED-0429-MLD-E003

PROJECT SITE :ADDU CITY, HITHADHOO

DATE :

For Reference

HITHADHOO RING MAIN HV CABLE ROUTE



NOTES:

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REVISION

DRAWING TITLE :

THE CONNECTION POINT OF GRID TIDE PV SYSTEM

PROJECT TITLE :

DESIGN,SUPPLY AND INSTALLATION OF EMS AND BESS SYSTEM FOR PV DIESEL HYBRID SYSTEM IN ADDU CITY OF MALDIVES

EMPLOYER :

MINISTRY OF ENVIORNMENT AND ENERGY (MEE), GOVERNMENT OF THE REPUBLIC OF MALDIVES

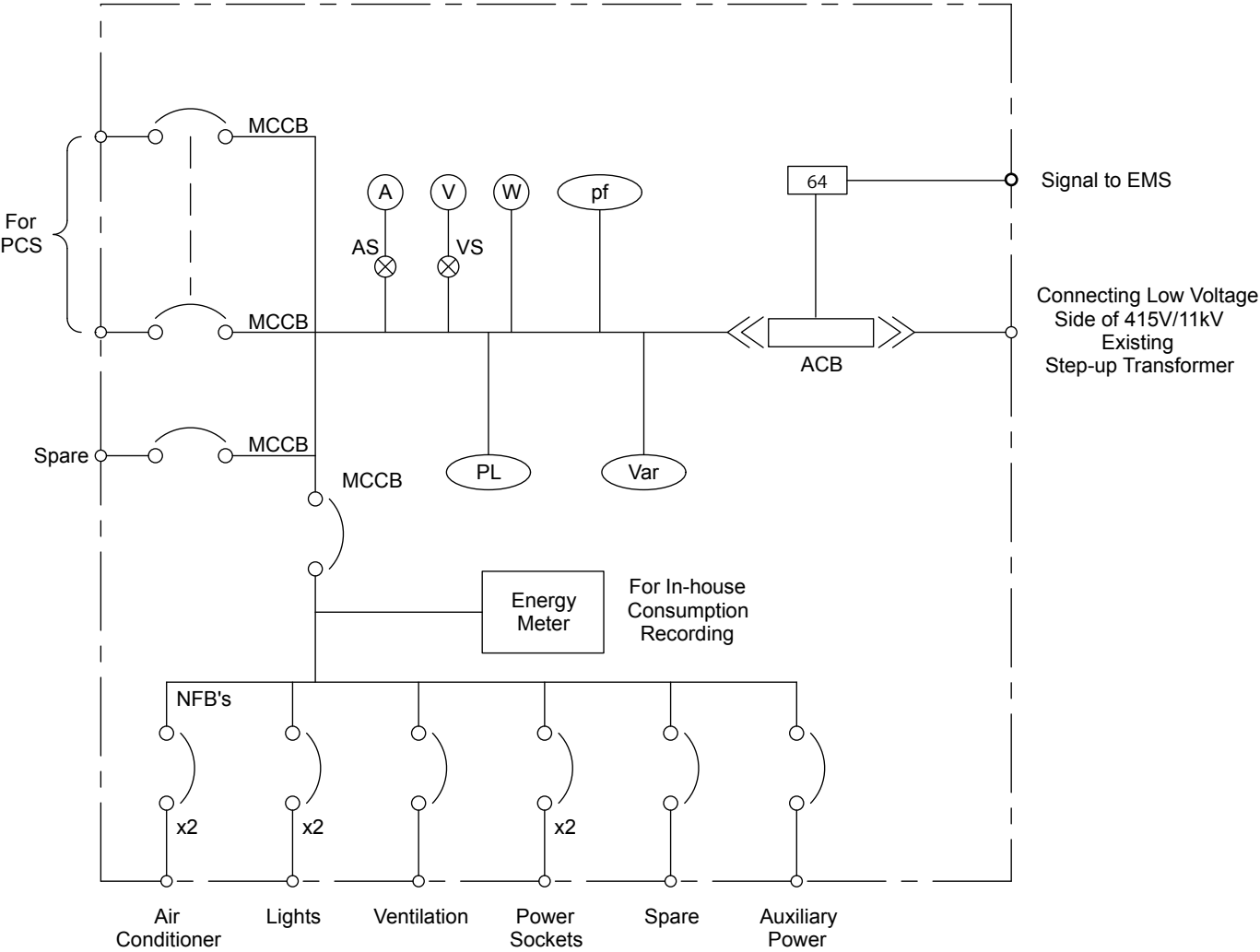
SCALE : Not in Scale

DRW NO. : POISED-0429-MLD-E004

PROJECT SITE : ADDU CITY, HITHADHOO

DATE :

400V DISTRIBUTION BOARD



NOTES:

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REVISION

DRAWING TITLE :

400V DISTRIBUTION BOARD

PROJECT TITLE :

DESIGN, SUPPLY AND INSTALLATION OF EMS AND BESS SYSTEM FOR PV DIESEL HYBRID SYSTEM IN ADDU CITY OF MALDIVES

EMPLOYER :

MINISTRY OF ENVIRONMENT AND ENERGY (MEE) GOVERNMENT OF THE REPUBLIC OF MALDIVES

SCALE : Not in Scale

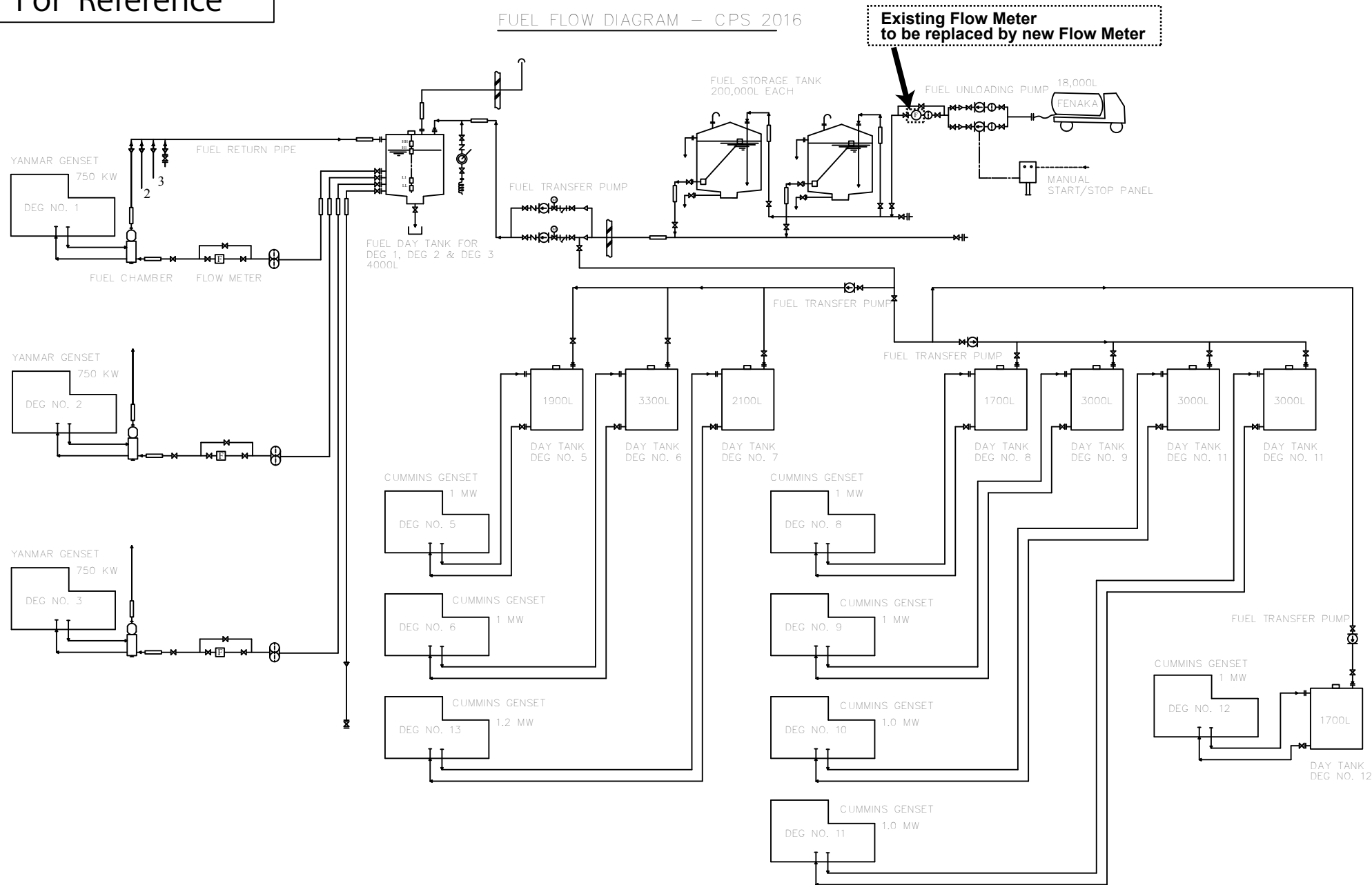
DRW NO. : POISED-0429-MLD-E005

PROJECT SITE : ADDU CITY, HITHADHOC

DATE :

For Reference

FUEL FLOW DIAGRAM – CPS 2016



NOTES:

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REVISION

DRAWING TITLE :

FUEL PIPELINE DIAGRAM

PROJECT TITLE :

DESIGN, SUPPLY AND INSTALLATION OF EMS AND BESS SYSTEM FOR PV DIESEL HYBRID SYSTEM IN ADDU CITY OF MALDIVES

EMPLOYER :

MINISTRY OF ENVIRONMENT AND ENERGY (MEE)
GOVERNMENT OF THE REPUBLIC OF MALDIVES

SCALE : Not in Scale

DRW NO. : POISED-0429-MLD-P001

PROJECT SITE : ADDU CITY, HITHADHOC

DATE :