

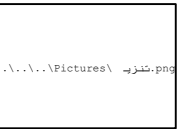
EARTHING SYSTEM DETAILS FOR D.G AND DIESEL TANK



REPUBLIC OF YEMEN  
Ministry of Water and Environment  
Urban Water Supply and Sanitation Project

... Pictures\... .png

THE DONNER



FUNDED BY UNOPS



NOTES

LEGEND

PROJECT NAME

Supply, Installation and Construction of a Water  
Distribution Network and Elevated Tank for  
Al-Nahdeen Area

PROJECT CODE

IUS-AF-UWS-SAN-021

DRAWING NAME

EARTHING SYSTEM  
D.T AND D.G

DESIGNED BY  
ENG. MOHAMMED ABDULMUGHNI

CHECKED BY  
ENG. MOHAMMED AL-MAQDAMI

CONTRACT #

DATE  
SEP. 2023

DRAWING #

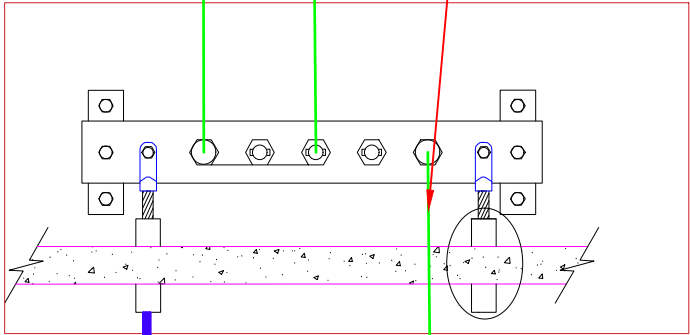
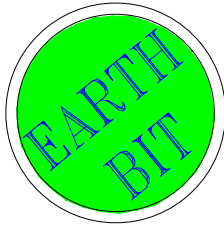
NWDN-3

SCALE

AS SHOWN

PUMP INVERTER

MDB



ATS

Earthing Busbar

Earthing Cable 35 mm<sup>2</sup>

Earthing Cable 70 mm<sup>2</sup>

Earthing Cable 35 mm<sup>2</sup>

EARTHING SYSTEM DETAILS FOR CONTROL ROOM



REPUBLIC OF YEMEN  
Ministry of Water and Environment  
Urban Water Supply and Sanitation Project

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NOTES

LEGEND

MDB	NEW Main Distribution Board
ATS	Automatic Transfer Switch
	Pump Inverter
	Smoke & Heat Ddectors

PROJECT NAME

Supply, Installation and Construction of a Water  
Distribution Network and Elevated Tank for  
Al-Nahdeen Area

PROJECT CODE

IUS-AF-UWS-SAN-021

DRAWING NAME

EARTHING SYSTEM DETAILS  
FOR CONTROL ROOM

DESIGNED BY  
ENG. MOHAMMED ABDULMUGHNI

CHECKED BY  
ENG. MOHAMMED AL-MAQDAMI

CONTRACT #

DATE

SEP. 2023

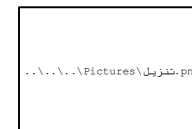
DRAWING #

NWDN-4

SCALE

AS SHOWN

THE DONNER



FUNDED BY UNOPS



NOTES

LEGEND

MDB	NEW Main Distribution Board
ATS	Automatic Transfer Swich
	Pump Inverter
	Smoke & Heat Ddtectors

PROJECT NAME

Supply, Installation and Construction of a Water  
Distribution Network and Elevated Tank for  
Al-Nahdeen Area

PROJECT CODE

IUS-AF-UWS-SAN-021

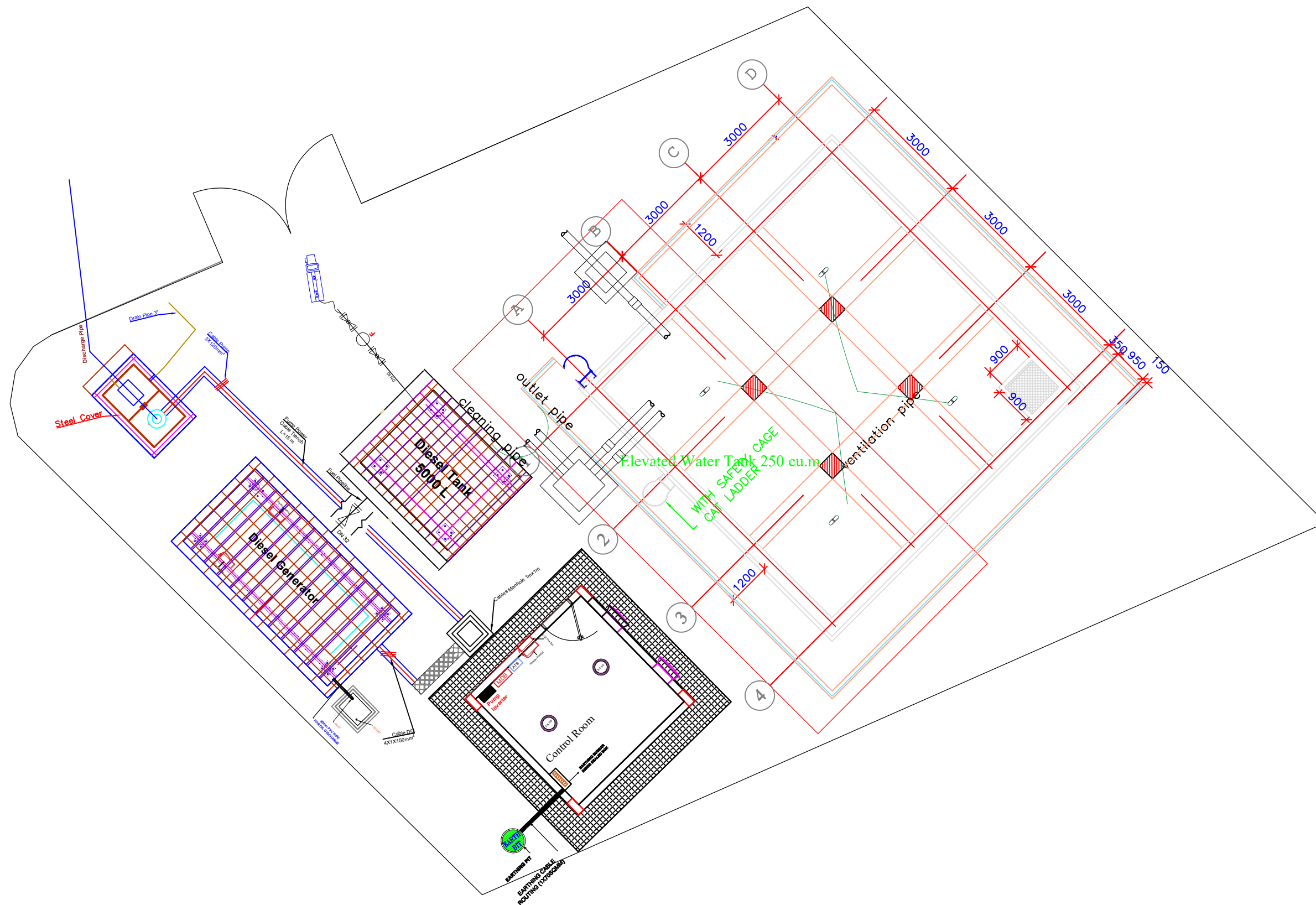
DRAWING NAME

GENERAL LAYOUT

DESIGNED BY ENG. MOHAMMED ABDULMUGHNI	CHECKED BY ENG. MOHAMMED AL-MAQDAMI
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CONTRACT #	DATE SEP. 2023
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DRAWING # NWDN-1	SCALE AS SHOWN
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THE DONNER



FUNDED BY UNOPS



NOTES

LEGEND

PROJECT NAME

Supply, Installation and Construction of a Water  
Distribution Network and Elevated Tank for  
Al-Nahdeen Area

PROJECT CODE

IUS-AF-UWS-SAN-021

DRAWING NAME

NEW MDB SINGLE LINE DIAGRAM

DESIGNED BY  
ENG. MOHAMMED ABDULMUGHNI

CHECKED BY  
ENG. MOHAMMED AL-MAQDAMI

CONTRACT #

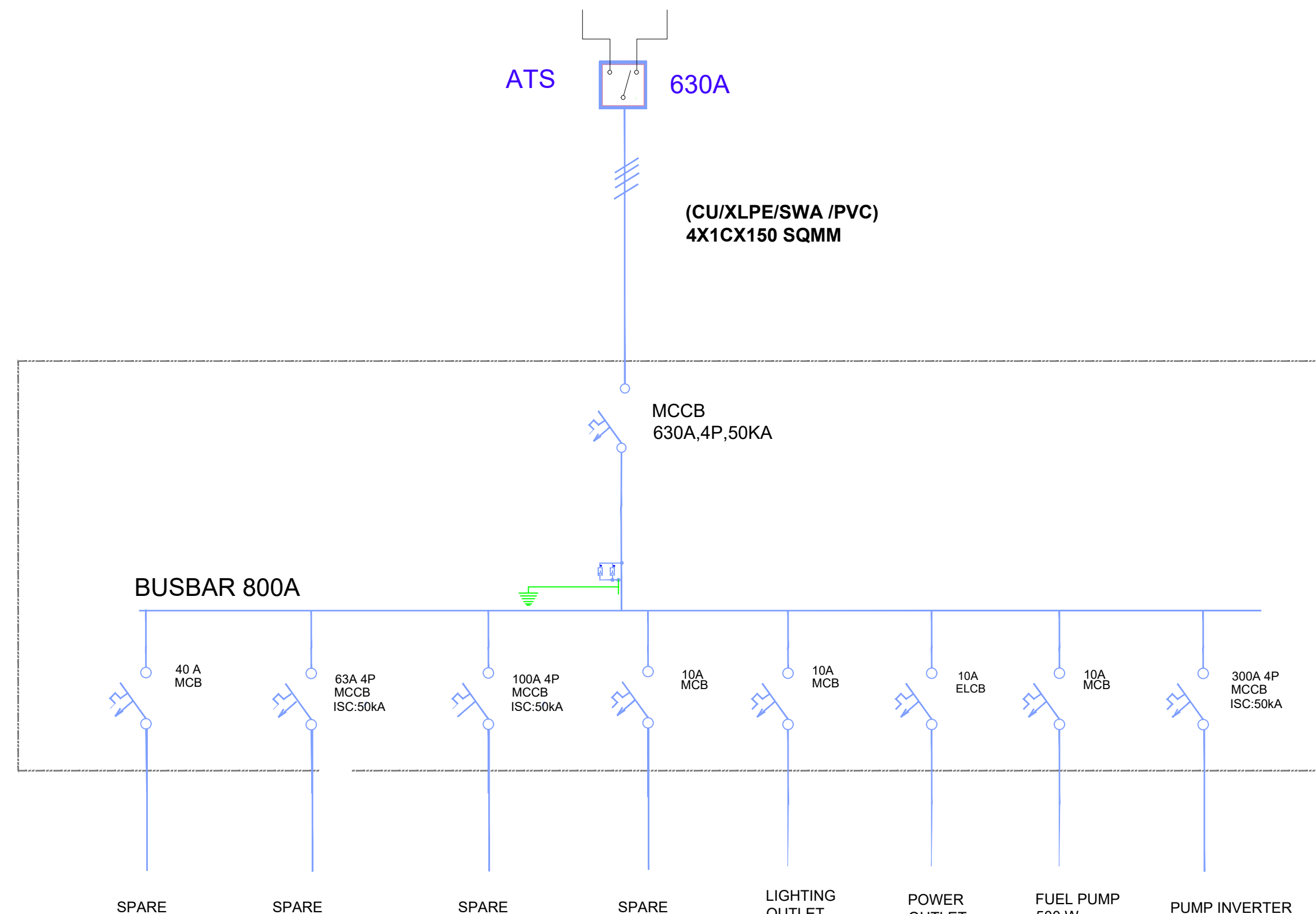
DATE  
SEP. 2023

DRAWING #

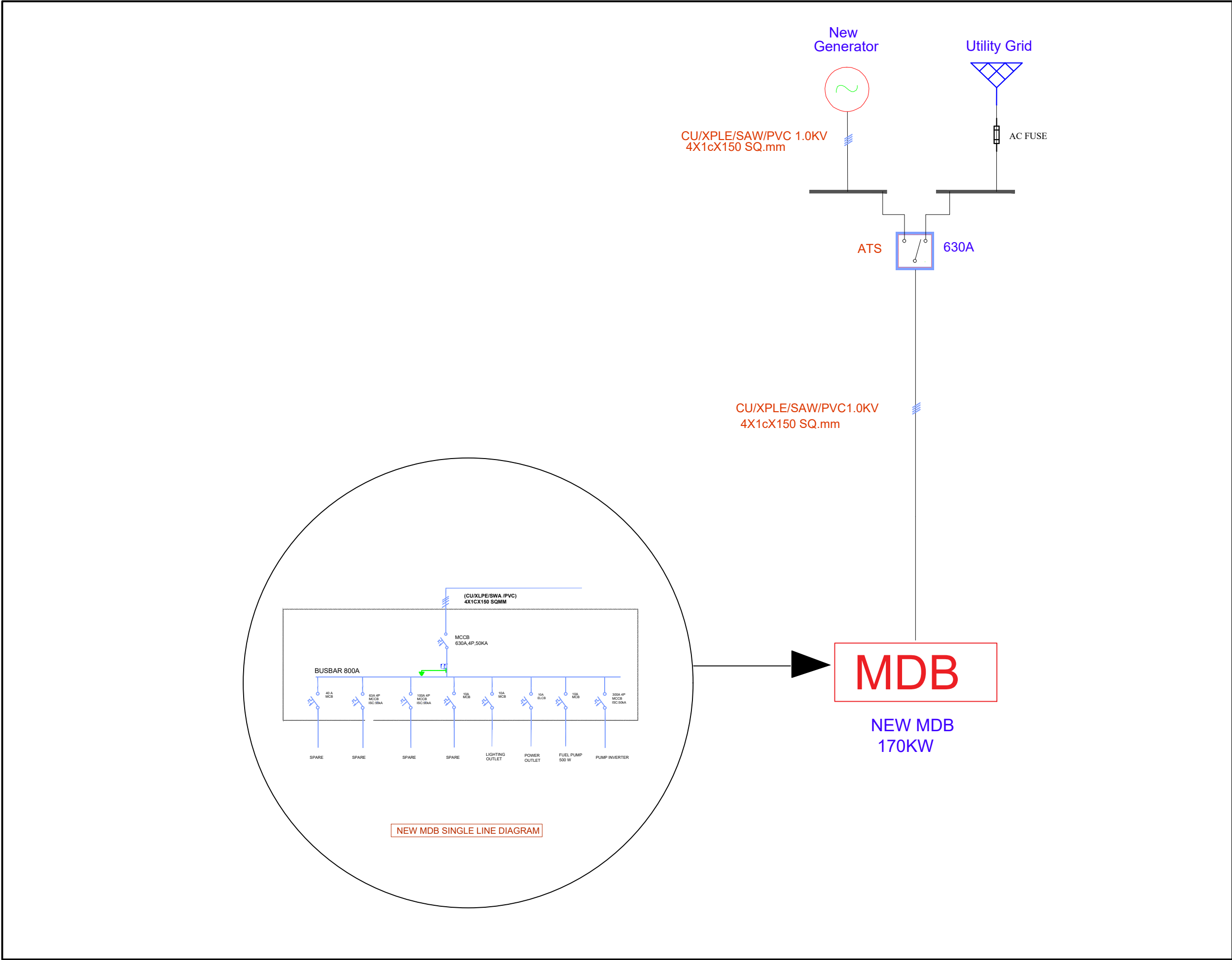
NWDN-2


SCALE

AS SHOWN



NEW MDB SINGLE LINE DIAGRAM





REPUBLIC OF YEMEN  
Ministry of Water and Environment  
Urban Water Supply and Sanitation Project

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NOTES

LEGEND

PROJECT NAME

Supply, Installation and Construction of a Water Distribution Network and Elevated Tank for Al-Nahdeen Area

PROJECT CODE

IUS-AF-UWS-SAN-021

DRAWING NAME

GENERAL SINGLE LINE DIAGRAM

DESIGNED BY	CHECKED BY
ENG. MOHAMMED ABDULMUGHNI	ENG. MOHAMMED AL-MAQDAMI

CONTRACT #	DATE
	SEP. 2023

DRAWING #	SCALE
NWDN-5	AS SHOWN