N°	SYMBOLOGY	DESIGNATION
1		**POWER SUPPLY**
1.1		MIN-SUBSTATION TRANSFORMER MONOBLOCO TYPE
1.2		EMERGENCY GENERATOR SET WITH CANNOPY AND SOUND PROOF 500kVA/0,400/0,220kV, 50Hz
1.3	CIA	AUTOMATIC TRANSFER SERVICE (ATS) OR
1.4	UPS	UNINTERRUPTIBLE POWER SUPPLY (UPS)
1.5	DVS	DIGITAL VOLTAGE STABILISERS (DVS)
1.6	QEGBT	LOW VOLTAGE MAIN ELECTRICAL DISTRIBUTION PANEL
1.7	ARD	SECUNDARY DISTRIBUTION CABINET
1.8		ELECTRICAL DISTRIBUTION BOARD ISOLATING SWITCH
1.9		MAGNETOTHERMAL CIRCUIT BREAKER
1.10		LOCAL DISTRIBUTION BOARD
1.11		THREE-PHASE ELECTRICAL INSTALLATION WITH GENERAL CUT IN THE THREE PHASES AND IN THE NEUTRAL
1.12		SINGLE-PHASE ELECTRICAL INSTALL WITH GENERAL CUT IN THE SINGLE PHASE AND IN THE NEUTRAL
1.13		MCCBS/MCBS OUTOGOING SUPPLY FROM BUSBAR
1.14		EARTHING CONNECTION POINT (GROUNDING POINT)
2		**ELECTRICAL CONDUIT**
2.1		40mm, 70mm OR 110mm PVC PIPE DIAMETERS
2.2		CABLE INSPECTION BOX
2.3		150X50mm HORIZONTAL MOUNTING TECHNICAL CABLE TRUNKING
2.4		150X50mm VERTICAL MOUNTING TECHNICAL CABLE TRUNKING
2.5		ELECTRIC POWER CABLE TRAY GALVANIZED METALLIC MAT PERFORATED IN VARIOUS DIMENSIONS
2.6		COMMUNICATION CABLE TRAY GALVANIZED METALLIC AT IN GRID IN SEVERAL DIMENSIONS
2.7	CEE CC	CORETE FOR DESCENDING OR ASCENDING CABLES WITH SEPARATOR IN THE MIDOLE BEING CEE SIDE FOR PASSING ELECTRIC POWER CABLES AND CC SIDE FOR PASSING COMMUNICATION CABLES
3		**LOW VOLTAGE ELECTRICAL INSTALLATION CIRCUITS**
3.1		FLUSH MOUNTING SINGLE SWITCH, 230V, 50Hz, MOSAIC, LEGRAND
3.2		FLUSH MOUNTING COMPLETE DOUBLE SWITCH, 230V, 50Hz, MOSAIC, LEGRAND
3.3		FLUSH MOUNTING DOUBLE SWITCH, 230V, 50Hz, MOSAIC, LEGRAND
3.4		FLUSH MOUNTING SINGLE TWO WAY SWITCH, 230V, 50Hz, MOSAIC, LEGRAND
3.5		MOTION DETECTOR SWITCH, 230V, 50Hz, MOISAIC, LEGRAND
3.6		SINGLE-PHASE EARTHED SOCKET, WHITE, WALL MOUNTED, 230V, 16A, 50Hz, MOISAIC, LEGRAND
3.7		SINGLE-PHASE EARTHED SOCKET, WHITE, FLUSH MOUNTING IN THE TECHNICAL CHANNEL DLP, 230V, 16A, 50Hz, MOISAIC, LEGRAND
3.8		SINGLE-PHASE EARTHED SOCKET, RED, WALL MOUNTED, 230V, 16A. 50Hz, MOISAIC, LEGRAND
3.9		SINGLE-PHASE EARTHED SOCKET, RED, FLUSH MOUNTING IN THE TECHNICAL CHANNEL DLP, 230V, 16A, 50Hz, MOISAIC, LEGRAND
3.10		SINGLE-PHASE EARTHED SOCKET, RED, FLUSH MOUNTING IN FLOOR BOX, 230V, 16A, 50Hz, MOISAIC, LEGRAND
3.11		SINGLE-PHASE EARTHED WEATHER PROOF SOCKET, SURFAE MOUNTING, 230V, 16A, 50Hz, PLEXO, LEGRAND
3.12		SINGLE-PHASE EARTHED SOCKET, WHITE, FOR PRINTER AND PHOTOCOPIER, FLUSH OR SURFACE MOUNTING, 230V, 16A, 50Hz, MOISAIC OR PLEXO, LEGRAND
3.13		SINGLE-PHASE SOCKET WITH EART AND RESPECTIVE MALE PLUG, INDUSTRIAL TYPE, SURFACE MOUNTING, 230V, 36A, 50Hz, CLASS IP66/67, LEGRAND
3.14		SINGLE-PHASE SOCKET WITH EART AND RESPECTIVE MALE PLUG, INDUSTRIAL TYPE, SURFACE MOUNTING, 380V, 40A, 50Hz, CLASS IP66/67, LEGRAND
3.15		DATA SOCKET, CAT6a, RJ45 TYPE, WALL MOUNTED, MOSAIC, LEGRAND
3.16		DATA SOCKET, CAT6a, RJ45 TYPE, FLUSH MOUNTING IN THE TECHNICAL CHANNEL DLP, MOSAIC, LEGRAND
3.17		DATA SOCKET, CAT6a, RJ45 TYPE, FLUSH MOUNTING IN THE FLOOR BOX, MOSAIC, LEGRAND
3.18		HAND DRYERS
3.19		SOLAR STREET LIGHT WITH 100W IP65 LED LAMP WITH HIGH PURITY ALUMINUM BODY DIE CAST UNDER HIGH PRESSURE RESISTET RADIATION MATERIAL
3.20		POLES WITH 12M ARE HOT DIP GALVANIZED TREATMENT WHICH ANTI RUST AND ANTI CORROSION FOR AT LEAST 15 YEARS, THE POLES WIND RESISTANCE MUST BE 150KM/H AT LEAST ALL ACCESSORIES MUST BE GALVANIZED ALSO
3.21		SPECIFIED GALVANIZED POLES SUPPORTING TWO IP65 LED LAMP SOLAR STREET LIGHT 100W, WITH HIGH PURITY ALUMINUM BOBY

N°	SYMBOLOGY	DESIGNATION
3.22		LUMINARY WITH TUBOLAR FLUORESCENT LAMP, 230V, 50Hz, 2x18W, KA22, RADIANT LIGHTING
3.23		WEATHER PROOF LUMINARY WITH TUBOLAR FLUORESCENT LAMP, 230V, 50Hz, IP6, 2x36W, KB53, RADIANT LIGHTING
3.24		LUMINARY WITH TUBOLAR FLUORESCENT LAMP, 230V, 50Hz, 2x36W, KA24, RADIANT LIGHTING
3.25		LUMINARY WITH TUBOLAR FLUORESCENT LAMP, 230V, 50Hz, 2x58W, KA25, RADIANT LIGHTING
3.26		LUMINARY WITH COMPACT FLUORESCENT LAMP, 230V, 50Hz, 2x14W, WT44, RADIANT LIGHTING
3.27	70W	LUMINARY LIGHTING FITTINGS IN PAVILIONS BY SUSPENSION FROM THE CEILING AT 0,5 METERS, WITH COMPACT METALLIC BODY, CONTAINING COMPARTMENTS WITH ELECTRICAL COMPONENTS, E27 TYPE NO22LE FOR METAL HALIDE, 70W LAMP ACRYLIC PRISMATIC DIFFUSER, CLASSE I, IP20, QEC32, SIMILAR TYPE JC 28/22/GEAR AND JC 28/01 RADIANT LIGHTING
3.28	150W	LUMINARY LIGHTING FITTINGS IN PAVILIONS BY SUSPENSION FROM THE CEILING AT 0,5 METERS, WITH COMPACT METALLIC BODY, CONTAINING COMPARTMENTS WITH ELECTRICAL COMPONENTS, E27 TYPE NO22LE FOR METAL HALIDE, 150W LAMP ACRYLIC PRISMATIC DIFFUSER, CLASSE I, IP20, QEC32, SIMILAR TYPE JC 28/22/GEAR AND JC 28/01 RADIANT LIGHTING
3.29	250W	LUMINARY LIGHTING FITTINGS IN PAVILIONS BY SUSPENSION FROM THE CEILING AT 0,5 METERS, WITH COMPACT METALLIC BODY, CONTAINING COMPARTMENTS WITH ELECTRICAL COMPONENTS, E27 TYPE NO22LE FOR METAL HALIDE, 250W LAMP ACRYLIC PRISMATIC DIFFUSER, CLASSE I, IP20, QEC32, SIMILAR TYPE JC 28/22/GEAR AND JC 28/01 RADIANT LIGHTING
3.30		FLUSH FALSE CEILING MOUNTING LUMINARY WITH COMPACT FLUORESCENT LAMP, 230V, 50Hz, 2x26W, BA66, RADIANT LIGHTING
3.31		FLUSH FALSE CEILING MOUNTING LUMINARY WITH COMPACT FLUORESCENT LAMP, 230V, 50Hz,, 2x13W, BA62, RADIANT LIGHTING
3.32		LUMINARY LIGHTING FITTINGS WITH FLUORESCENT LAMP FOR EMERGENCY LIGHTING WITH PICTOGRAM INDICATING THE DOOR DIRECTION
3.33		LUMINARY LIGHTING FITTINGS WITH FLUORESCENT LAMP FOR EMERGENCY LIGHTING WITH PICTOGRAM INDICATING THE DOOR DIRECTION
3.34		LUMINARY LIGHTING FITTINGS WITH FLUORESCENT LAMP FOR EMERGENCY LIGHTING WITH PICTOGRAM INDICATING STAIRS
3.35		LUMINARY LIGHTING FITTINGS WITH FLUORESCENT LAMP FOR EMERGENCY LIGHTING WITH PICTOGRAM INDICATING STAIRS
3.36	SAIDA	LUMINARY LIGHTING FITTINGS WITH FLUORESCENT LAMP FOR EMERGENCY LIGHTING WITH PICTOGRAM INDICATING THE EXIT DOOR (SAIDA)
4		**ELECTRONIC INTEGRATED SECURITY SYSTEM**
4.1	ARP	MAIN CABINET FOR COMPUTER CENTER AND INTEGRATED SECURITY
4.2	BAST	SMALL RACK TO INSTALL EQUIPMENT THAT ALLOWS THE SYSTEM TO MAKE A CONNECTION AND INTERMEDIATION IN THE COLLECTION AND DECISION MAKING REGARDING INFORMATION ABOUT DATA COLLECTED ON ACCESS CONTROL, SMOKE OR FIRE DETECTION AND CCTV
4.3	ARS	SECONDARY CABINET FOR DATA NETWORK AND INTERNET SYSTEM
4.4	CHVC	MAIN CCTV CENTRAL
4.5	CHVC	PARTIAL CCTV CENTRAL
4.6	CPI	MAIN FIRE DETECTION CENTRAL
4.7	CPI1	PARTIAL FIRE DETECTION CENTRAL
4.8	CCAP	PARTIAL ACCESS CONTROL CENTRAL
4.9		FINGERPRINT DOOR OPENING DEVICES FOR GENERAL USE
4.10	S	FINGERPRINT DOOR OPENING DEVICES FOR SECURITY GUARDS USE
4.11		DOOR OPEN BUTTON
4.12		MAGNETIC CONTACT OF THE DOORS CLOSING AND OPENING
4.13		MOTION DETECTOR
4.14		CCTV CAMERAS TO MOUNTED INSIDE OFFICES WHOSE COMPARTIMENTS ARE NOT VERY EXPOSED
4.15		CCTV CAMERAS TO MOUNT INSIDE THE WAREHOUSES
4.16		OUTDOORS CCTV CAMERAS
4.17		CEILING MOUNTED FIRE DETECTORS
4.18		FIRE DETECTORS MOUNTED IN THE MIDDLE OF THE WALL
4.19		SIDE-MOUNTED FIRE DETECTORS ON THE SHELVES WITHOUT CABLE CONNECTION
4.20	MCC	CCTV CAMERA MONITOR AND CONTROLLER
4.21		360-DEGREE CCTV CAMERA MOUNTED ON THE CEILING
4.22		FIRE DETECTOR MOUNTED ON THE CEILING OF THE COMPARTIMENTS

N

2,5 5 10m

REVIEW	DESIGNATION	DATE

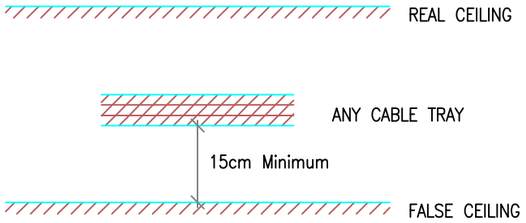
Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

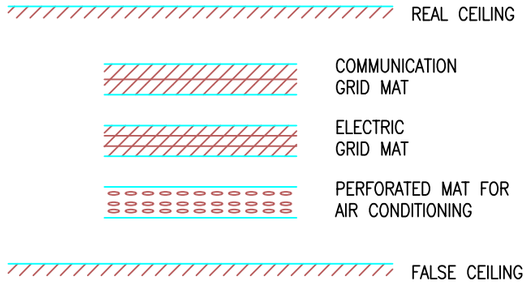
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: GENERAL Symbology
Project Number:
Scale: S/E
Date: SET.2020
Drawing:
Revision:

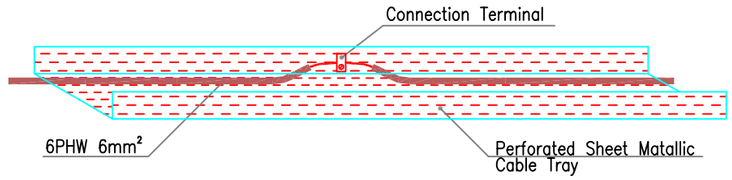
EL01



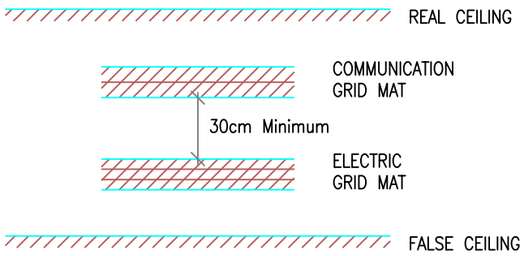
Detail of Assemby of the Cable Tray
Between the False and Real Ceiling



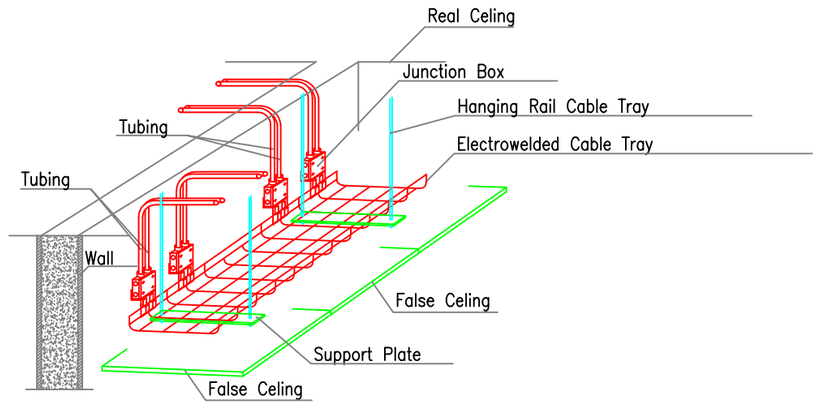
Detail of Assembly of the Cable Tray
For Different Purposes Between the
Real and False Ceiling



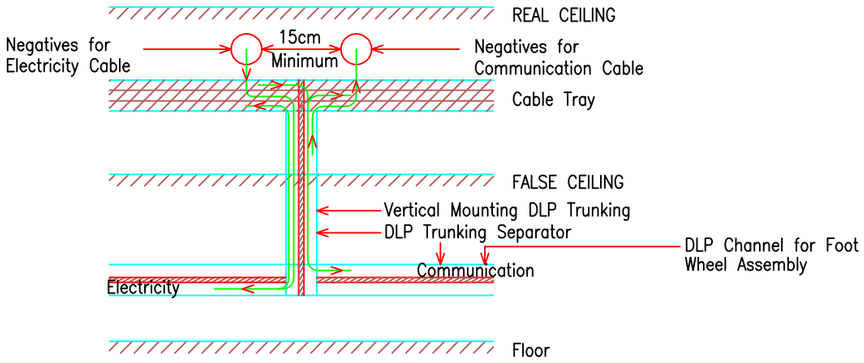
Detail of Equipotentialization of
Metallic Cable Trays



Detail of Assembly and Distance Between
Communication Mats and Electricity



DETAIL OF THE PLACEMENT OF THE JUNCTION BOXES
IN CABLE TRAY



Detail of the Assembly of the DLP Channel and Negatives
for Cable Ducting for Communication and Electricity

N

2,5 5 10m

REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

CONSTRUCTOR

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

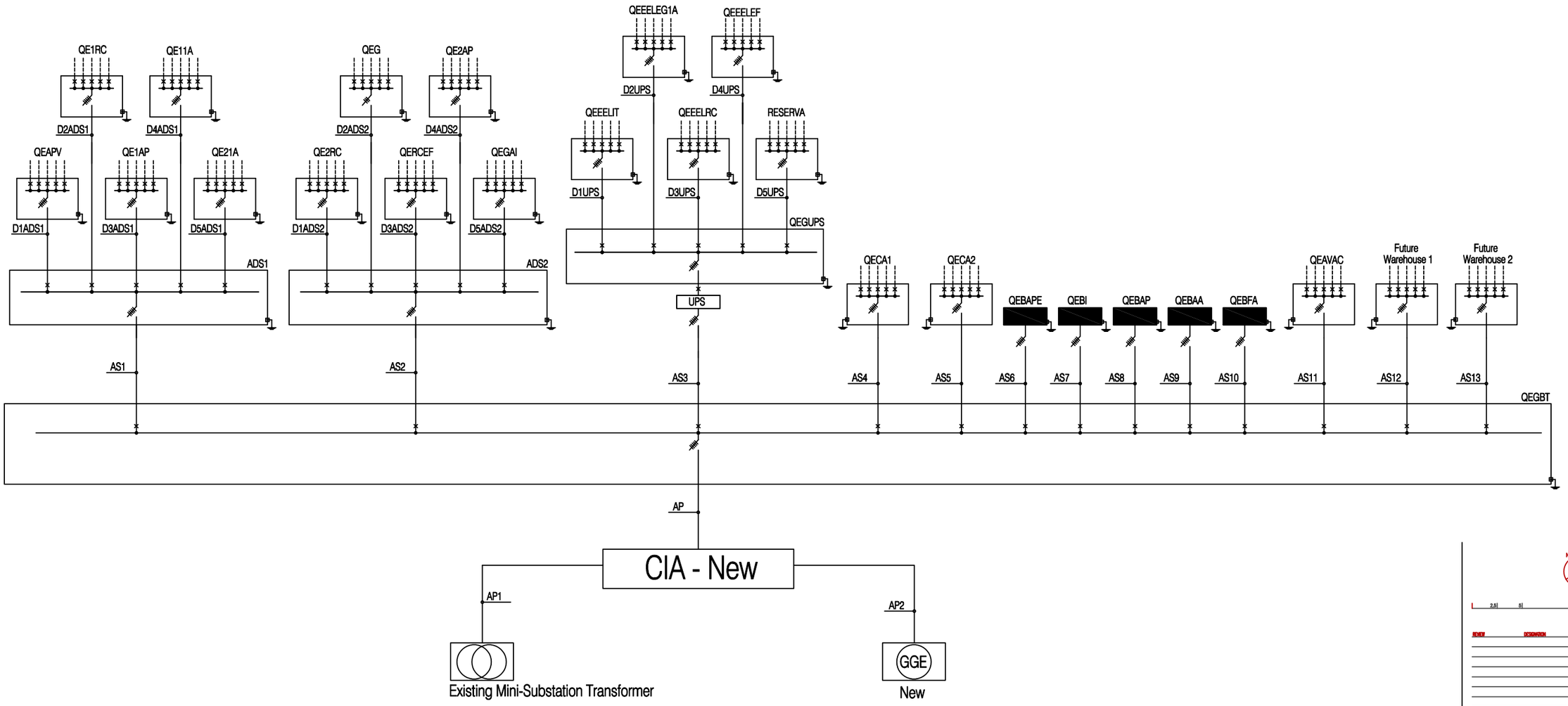
REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity

Drawing: GENERAL
Details of Fixing the DLP Trunking and Galvanized Metallic Cable Tray

Project Number:
Scale: 1:100
Date: SET.2020
Drawing:
Drawing:
Review:

EL02



N

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REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

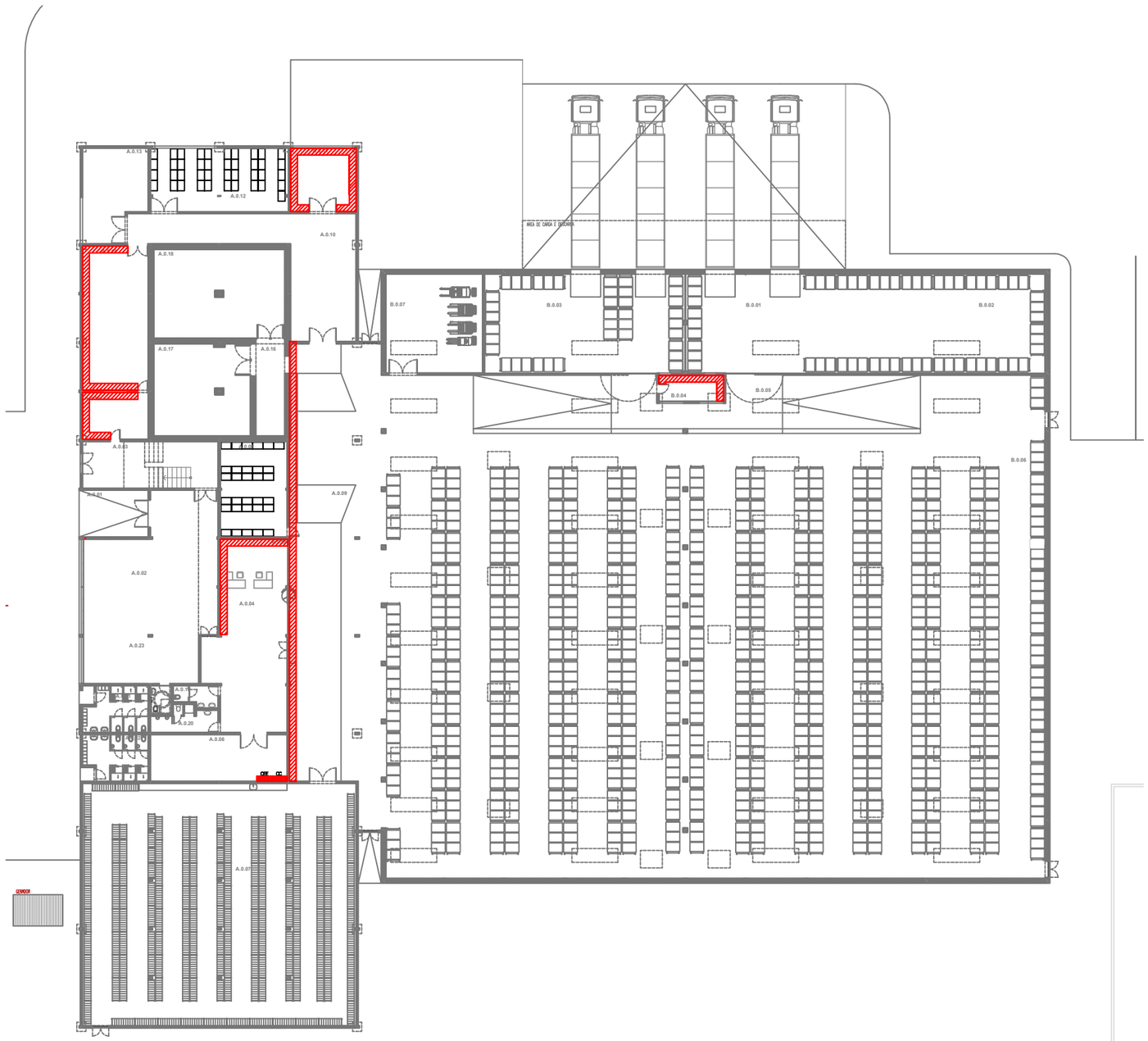
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

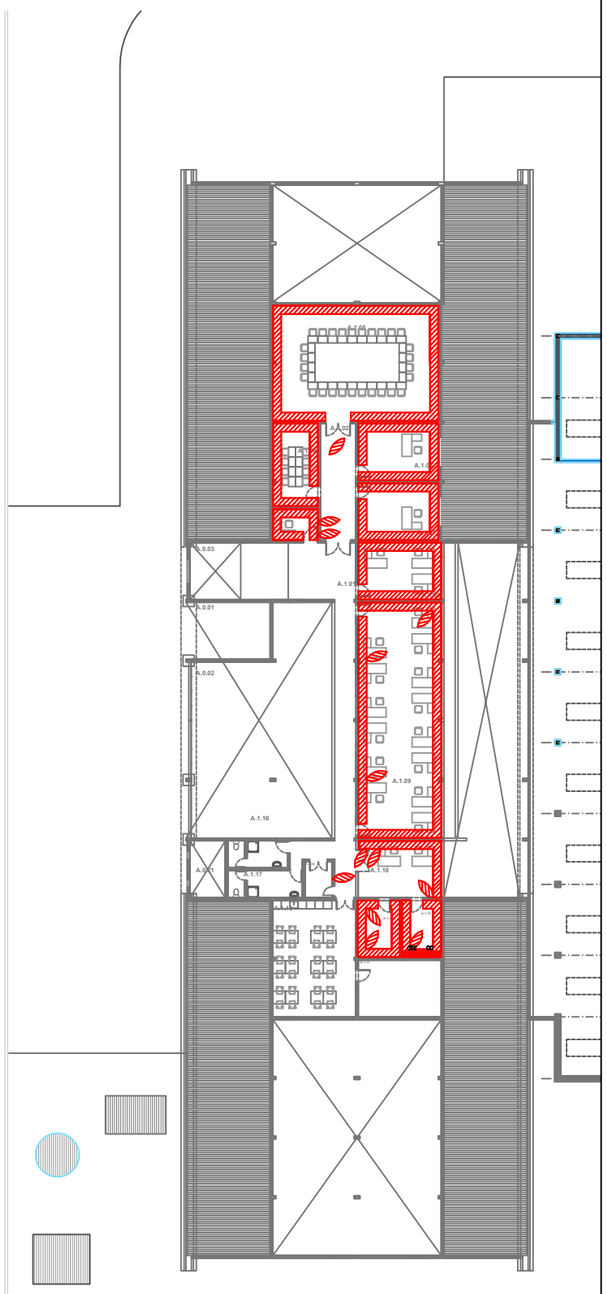
Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: GENERAL
Electrical System Configuration

Project Number:
Scale: S/E
Date: SET.2020
Drawing:
Revision:

EL03





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REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

CONSINAUL DGAUR
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6, | C.P. 312 MAPUTO

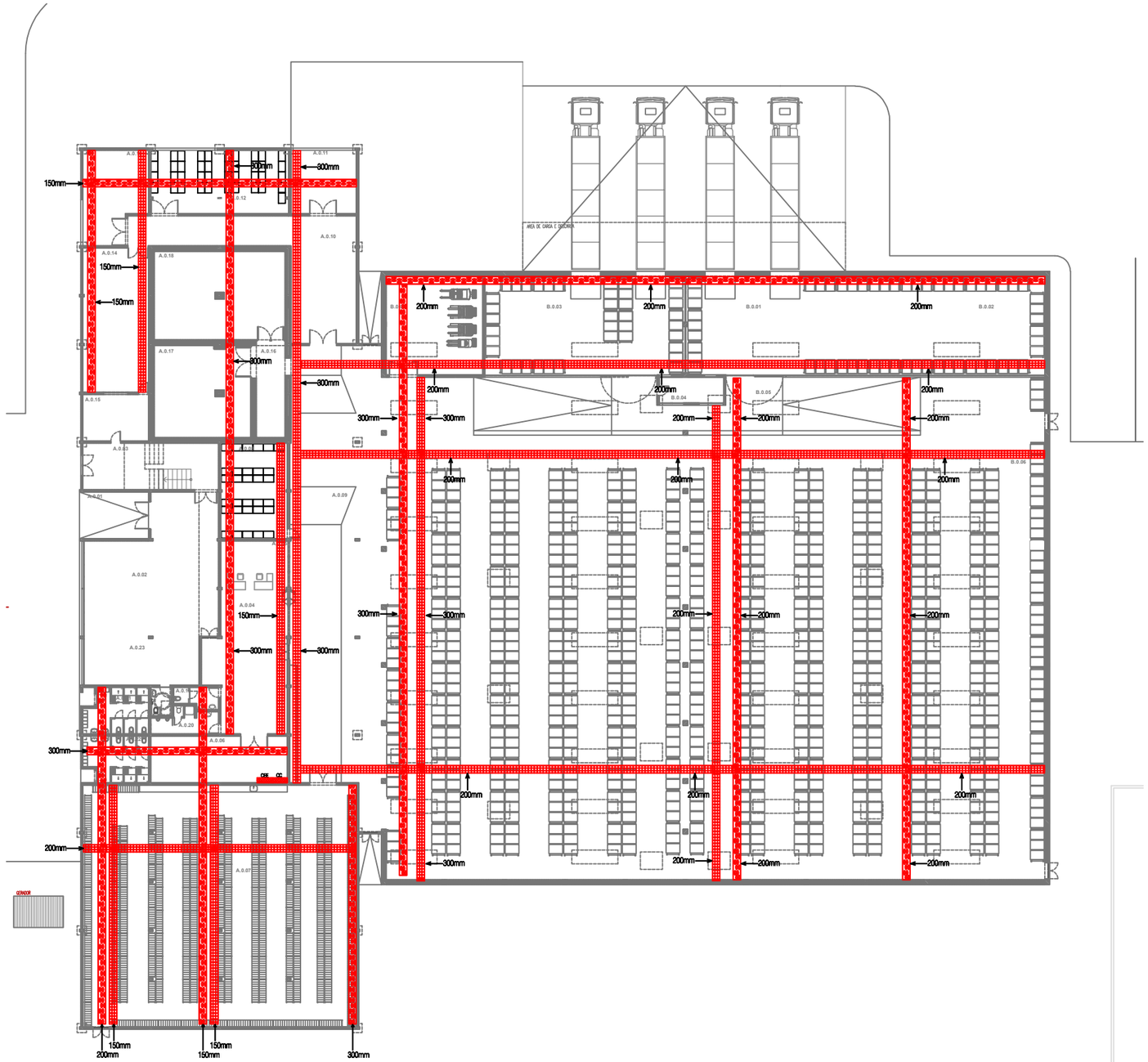
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

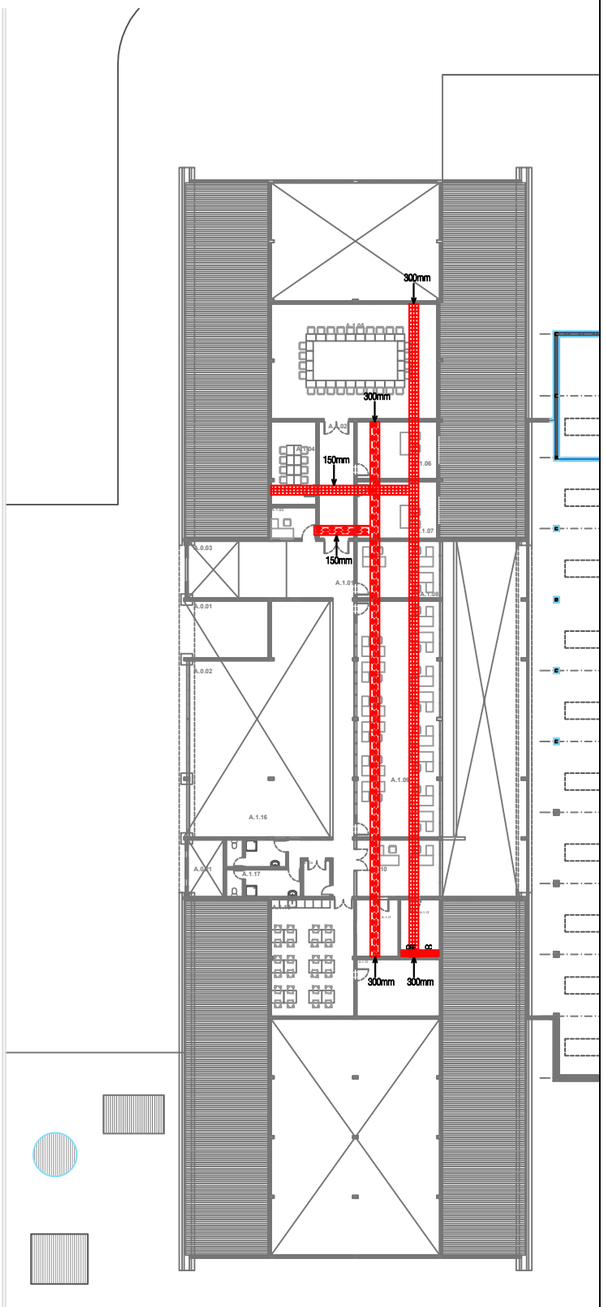
Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: CONDUIT
150X50mm DLP Cable Tray Trunking

Project Director: Scale: 1:200
Date: SET.2020 Drawing:
Drawing:
Author:

EL04





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REVIEW	DESIGNATION	DATE

Aplicant: UNDP Moçambique

R-CONSULTAGUA

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira

Phase: EXECUTIVE PROJECT

Speciality: Electricity

Drawing: CONDUIT

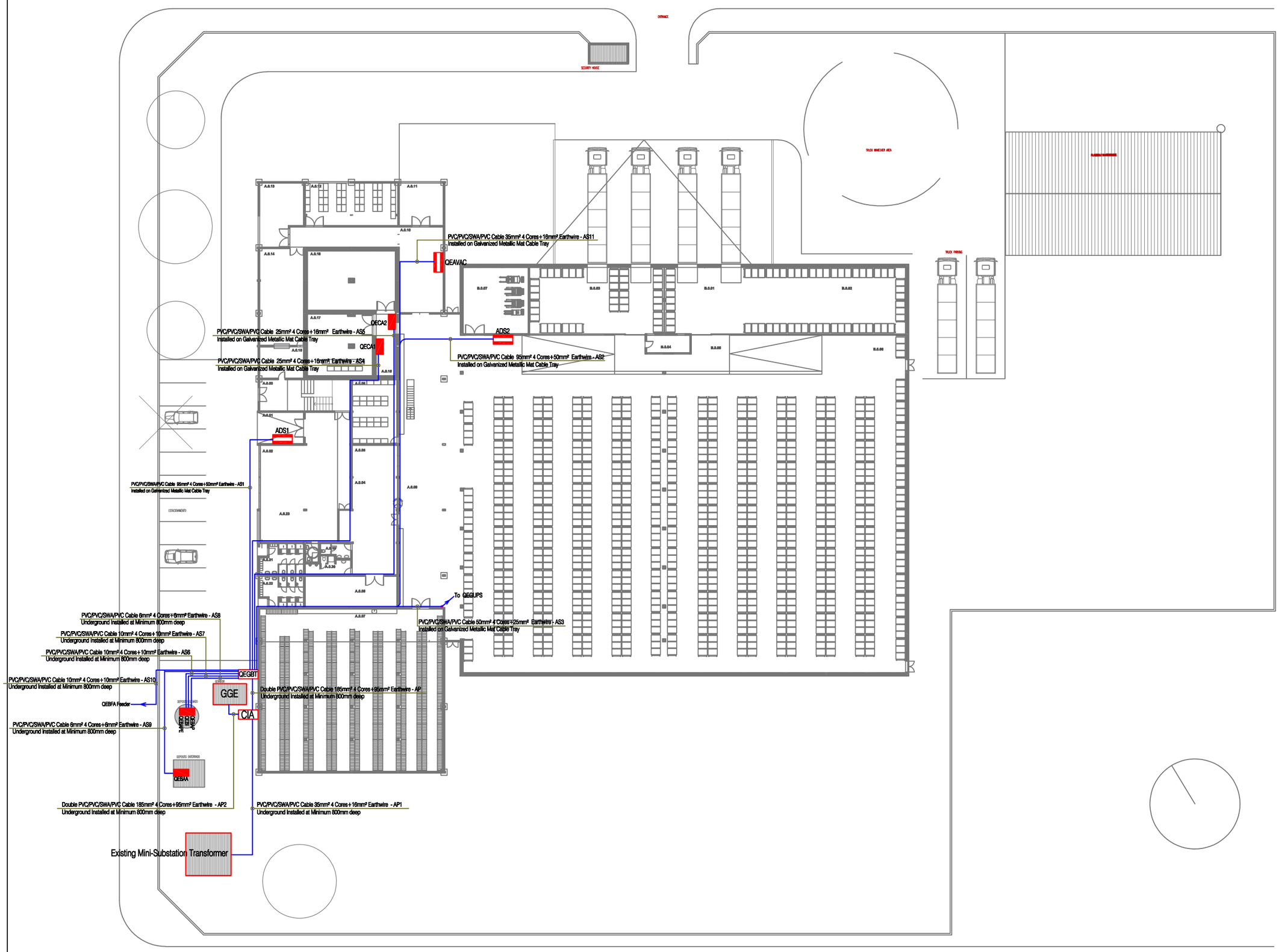
Power Cable Tray Galvanized Metallic Slot Perforated, Lay Out, Dimensions and Installation
Communication and Data Cable Tray Galvanized Metallic Slot Grid, Lay Out, Dimensions and Installation

Project Number: Scale: 1:200

Date: SET.2020 Drawing:

Drawing: EL05

Revision:



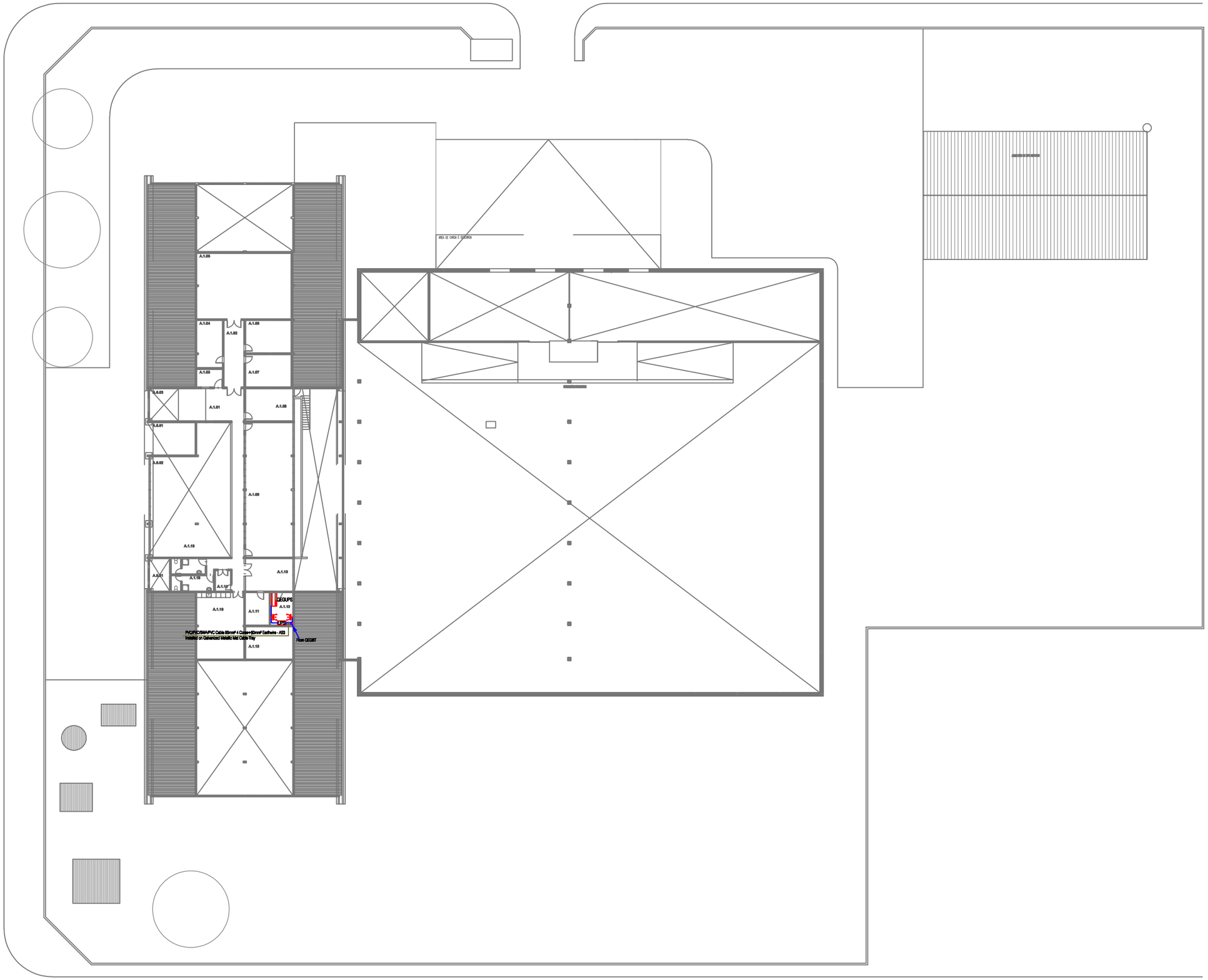
REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

GOODWILL CONSULT
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity
Drawing: POWER SUPPLY
Main Electric Power Distribution Network on The Ground Floor of The Main Warehouse
Project Number:
Scale: 1:200
Date: SET.2020
Drawing: EL06
Revision:



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2.5 5 10m

REVIEW	DESCRIPTION	DATE

Aplicant
UNDP Moçambique

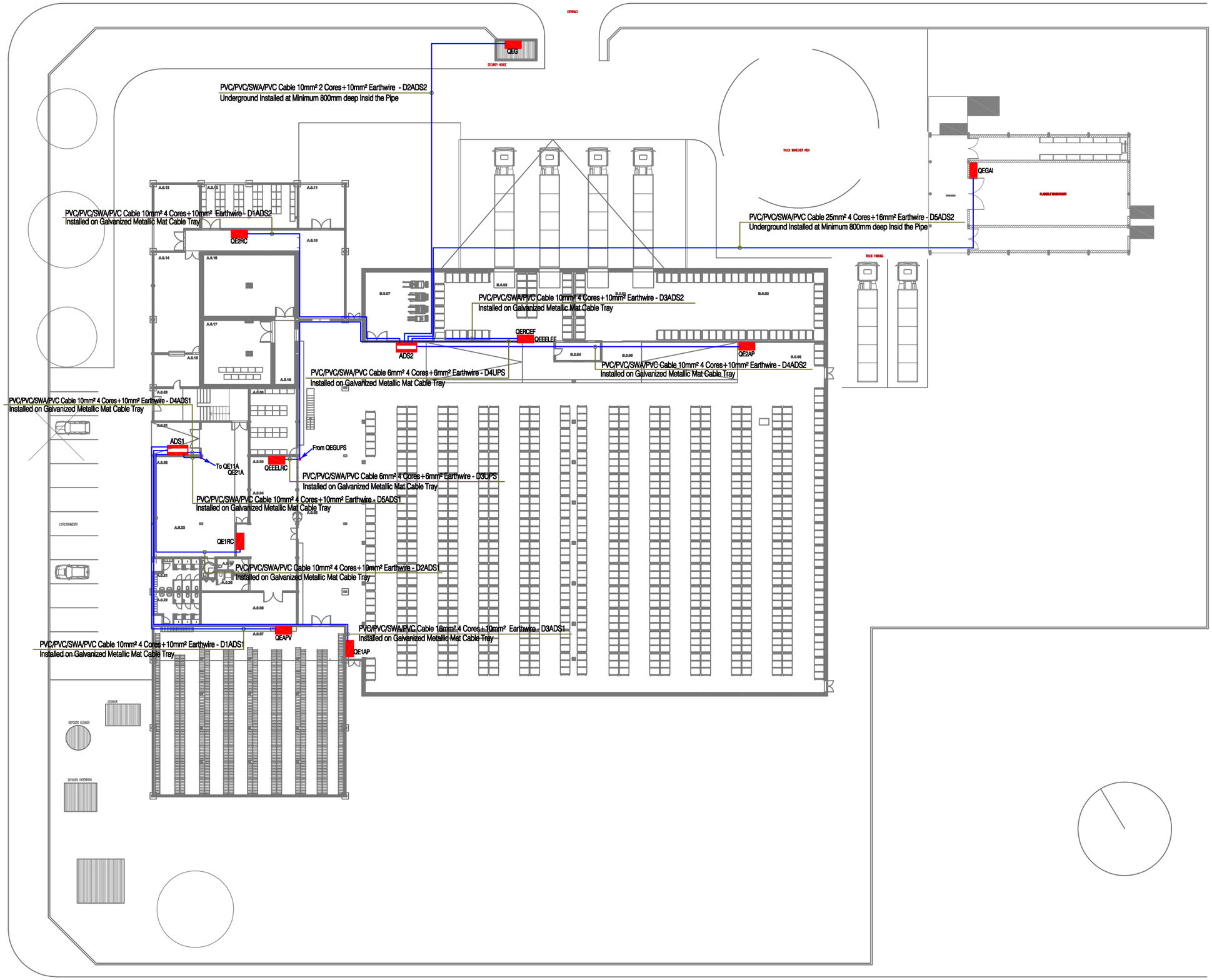
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity

Drawing: POWER SUPPLY
Main Electric Power Distribution Network on The First Floor of The Main Warehouse

Project Number
Scale: 1:200
Date: SET.2020
Drawing
Drawing Number: EL07



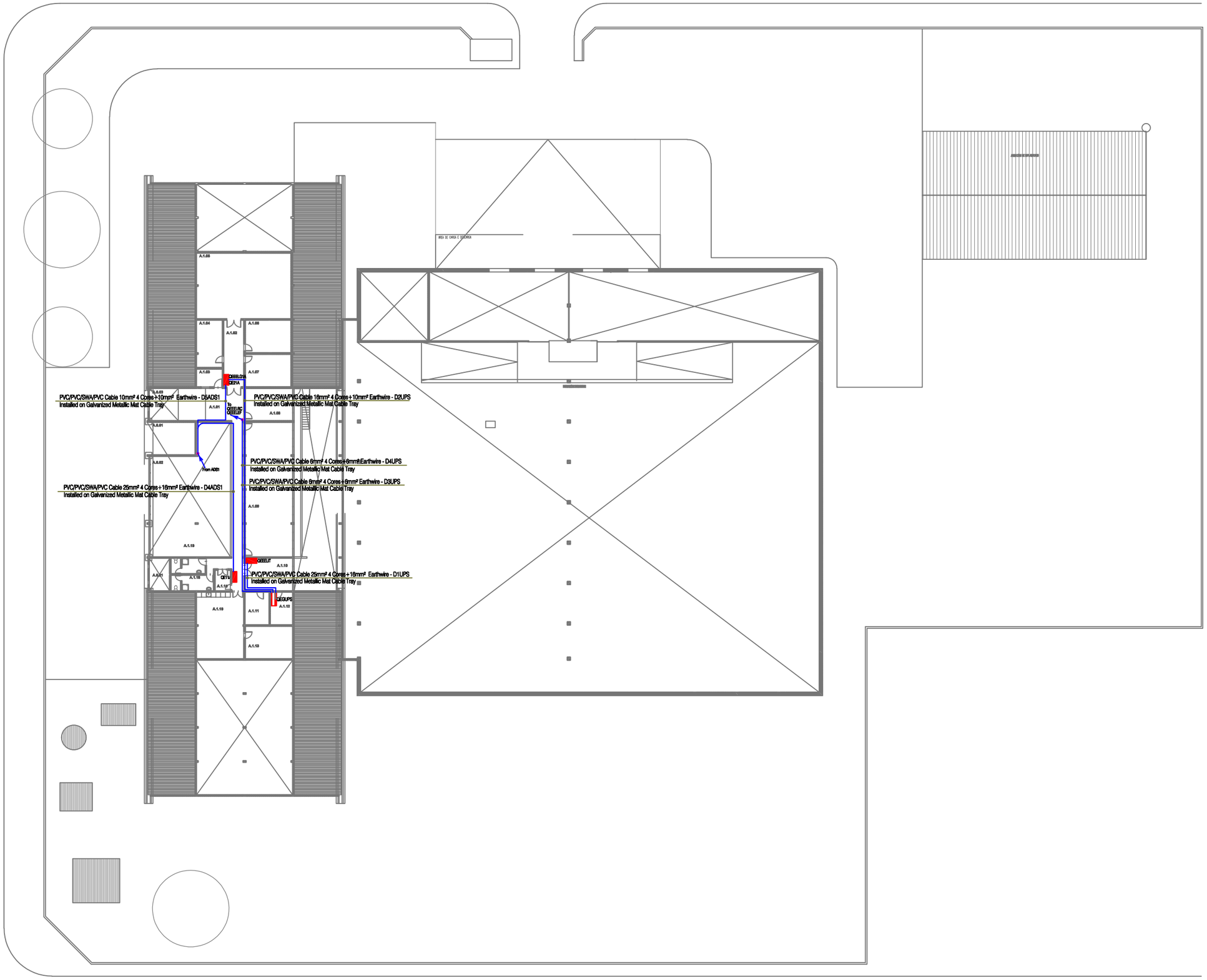
REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

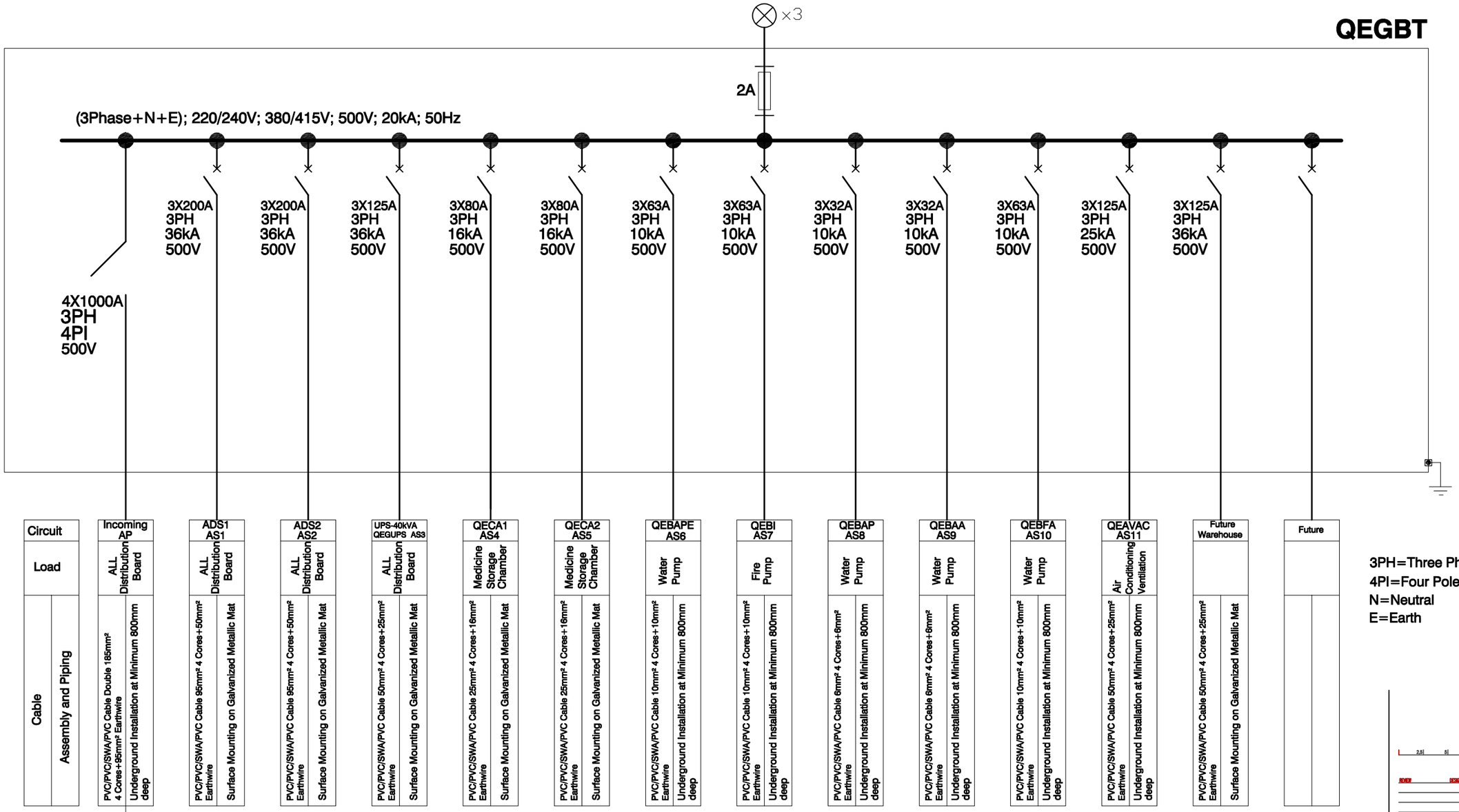
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
Secondary Electric Power Distribution Network on The Ground Floor of The Main Warehouse
Project Number:
Scale: 1:200
Date: SET.2020
Drawing:
Drawing:
Revision:
EL08


PVC/PVC/SWA/PVC Cable 10mm² 4 Cores+10mm² Earthwire - D5ADS1
Installed on Galvanized Metallic Mat Cable Tray
PVC/PVC/SWA/PVC Cable 16mm² 4 Cores+10mm² Earthwire - D2UPS
Installed on Galvanized Metallic Mat Cable Tray
PVC/PVC/SWA/PVC Cable 6mm² 4 Cores+6mm²Earthwire - D4UPS
Installed on Galvanized Metallic Mat Cable Tray
PVC/PVC/SWA/PVC Cable 6mm² 4 Cores+6mm² Earthwire - D3UPS
Installed on Galvanized Metallic Mat Cable Tray
PVC/PVC/SWA/PVC Cable 25mm² 4 Cores+16mm² Earthwire - D4ADS1
Installed on Galvanized Metallic Mat Cable Tray
PVC/PVC/SWA/PVC Cable 25mm² 4 Cores+16mm² Earthwire - D1UPS
Installed on Galvanized Metallic Mat Cable Tray
QEELDV
QEELDV
QEELUV
QEELUV
QEUV
QEUPS
From ADS1
To QEELDV QEELUV
A.1.05
A.1.04
A.1.02
A.1.00
A.1.03
A.1.07
A.0.03
A.1.01
A.1.08
A.0.01
A.0.02
A.1.09
A.1.10
A.0.01
A.1.12
A.1.10
A.1.11
A.1.13
A.1.12
A.1.13
N
2.5 5 10m
REVIEW
DESCRIPTION
DATE
Aplicant
UNDP Moçambique
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & | C.P. 312 MAPUTO
REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA
Location Beira
Phase EXECUTIVE PROJECT
Speciality Electricity
Drawing POWER SUPPLY
Secondary Electric Power Distribution Network on
The First Floor of The Main Warehouse
Project Number
Scale 1:200
Date SET.2020
Drawing
Drawing
Number EL09

QEGBT



Circuit	Incoming AP	ADS1 AS1	ADS2 AS2	UPS-40kVA QEGUPS AS3	QECA1 AS4	QECA2 AS5	QEBAPE AS6	QEBI AS7	QEBAP AS8	QEBAA AS9	QEBFA AS10	QEAVAC AS11	Future Warehouse	Future
Load	ALL Distribution Board	ALL Distribution Board	ALL Distribution Board	ALL Distribution Board	Medicine Storage Chamber	Medicine Storage Chamber	Water Pump	Fire Pump	Water Pump	Water Pump	Water Pump	Air Conditioning Ventilation		
Cable	PVC/PVC/SWA/PVC Cable Double 185mm² 4 Cores+95mm² Earthwire	PVC/PVC/SWA/PVC Cable 95mm² 4 Cores+50mm² Earthwire	PVC/PVC/SWA/PVC Cable 95mm² 4 Cores+50mm² Earthwire	PVC/PVC/SWA/PVC Cable 50mm² 4 Cores+25mm² Earthwire	PVC/PVC/SWA/PVC Cable 25mm² 4 Cores+16mm² Earthwire	PVC/PVC/SWA/PVC Cable 25mm² 4 Cores+16mm² Earthwire	PVC/PVC/SWA/PVC Cable 10mm² 4 Cores+10mm² Earthwire	PVC/PVC/SWA/PVC Cable 10mm² 4 Cores+10mm² Earthwire	PVC/PVC/SWA/PVC Cable 6mm² 4 Cores+6mm² Earthwire	PVC/PVC/SWA/PVC Cable 6mm² 4 Cores+6mm² Earthwire	PVC/PVC/SWA/PVC Cable 10mm² 4 Cores+10mm² Earthwire	PVC/PVC/SWA/PVC Cable 50mm² 4 Cores+25mm² Earthwire	PVC/PVC/SWA/PVC Cable 50mm² 4 Cores+25mm² Earthwire	
Assembly and Piping	Underground Installation at Minimum 800mm deep	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Underground Installation at Minimum 800mm deep	Underground Installation at Minimum 800mm deep	Underground Installation at Minimum 800mm deep	Underground Installation at Minimum 800mm deep	Underground Installation at Minimum 800mm deep	Underground Installation at Minimum 800mm deep	Surface Mounting on Galvanized Metallic Mat	

From CIA

3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2,5 5 10m

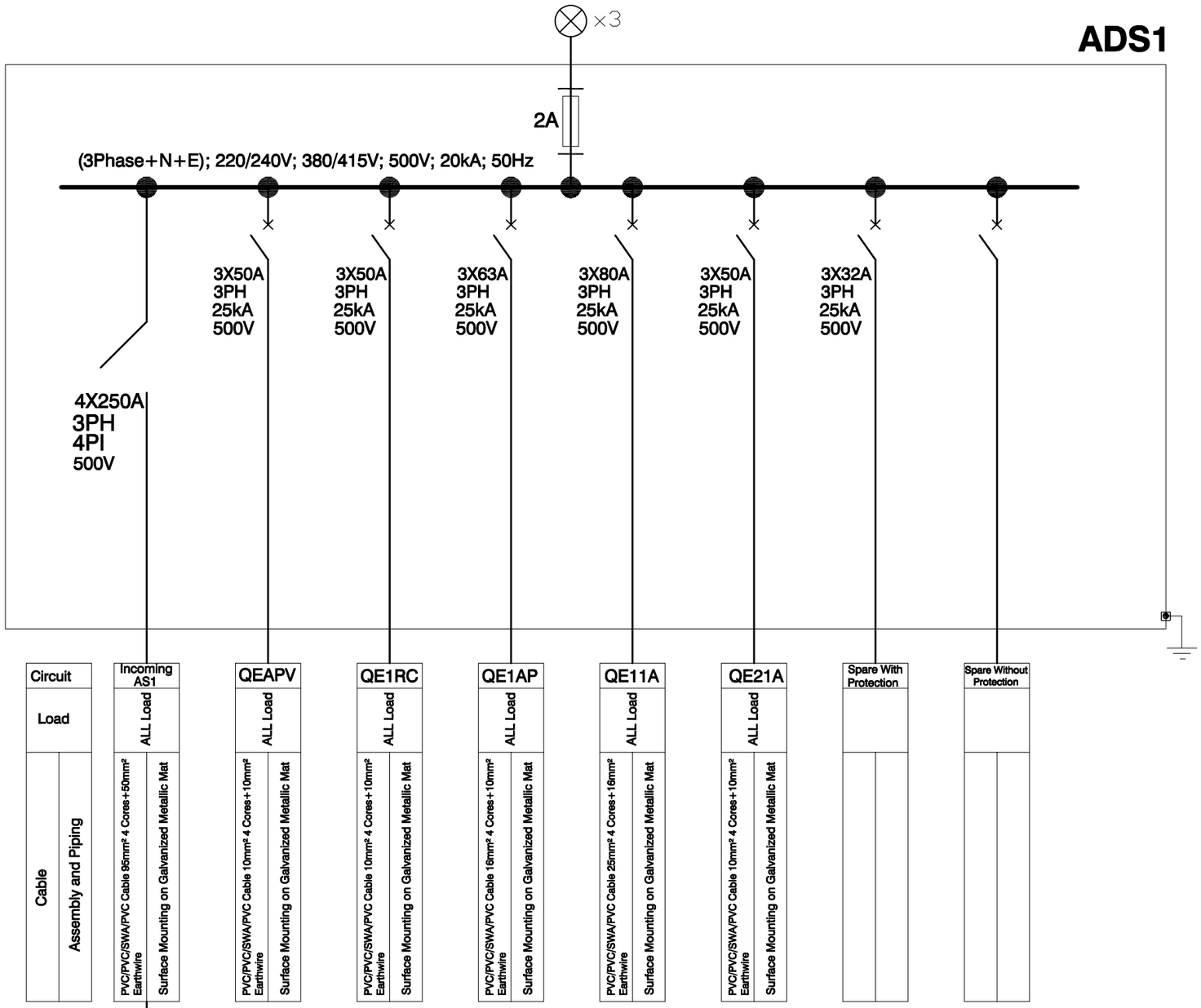
REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity
Drawing: POWER SUPPLY
Low Voltage Main Electrical Distribution Panel (QEGBT)
Project Number: Scale: S/E
Date: SET.2020 Drawing:
Drawing Number: EL10



3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2.5 5 10m

REVIEW	DESCRIPTION	DATE

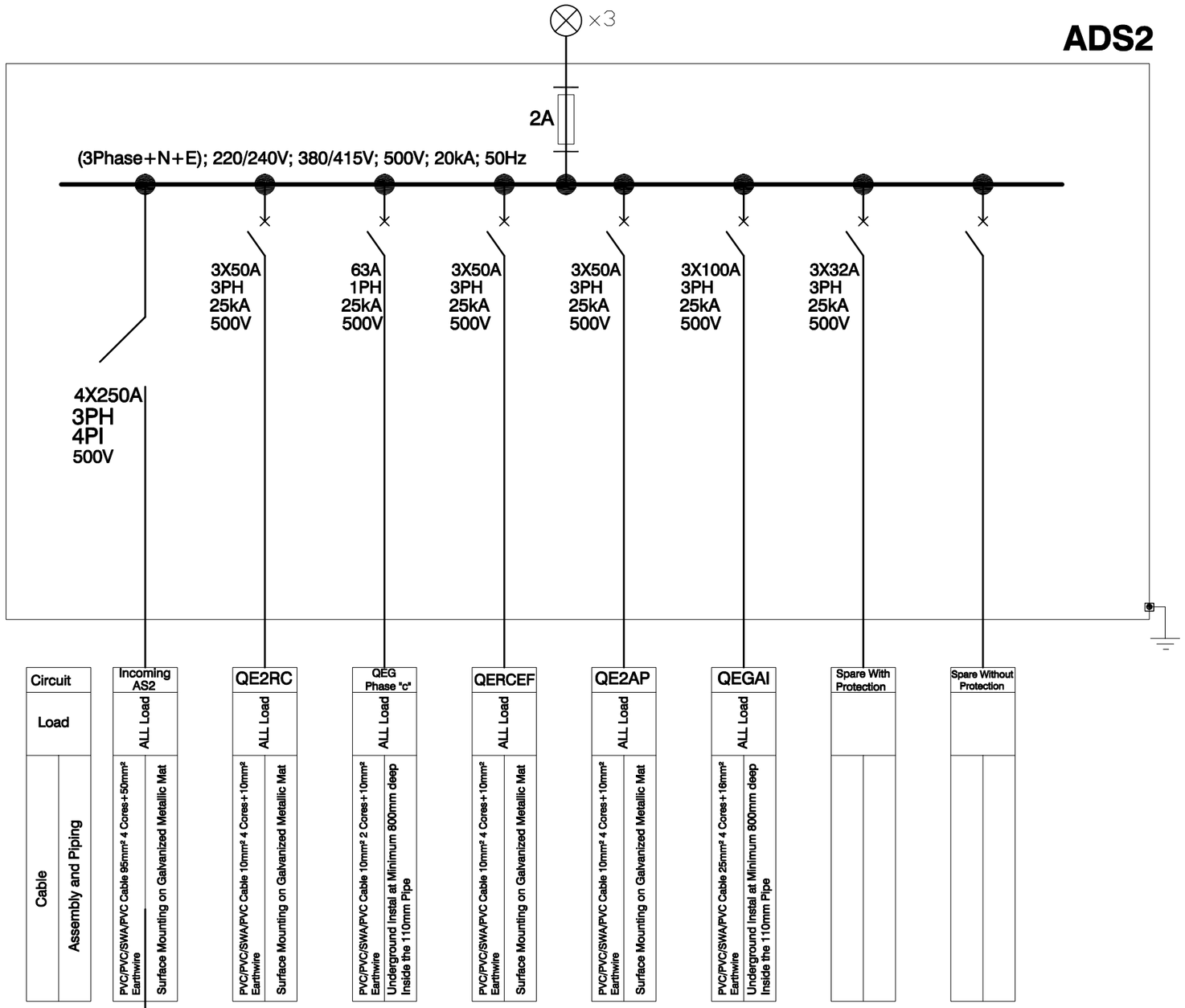
Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
Secondary Distribution Cabinet 1 (ADS1)
Project Number:
Scale: S/E
Date: SET.2020
Drawing:
EL11
Revise:

ADS2



1PH=Single Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2,5 5 10m

REVISÃO	DESCRIÇÃO	DATA

Aplicant: UNDP Moçambique

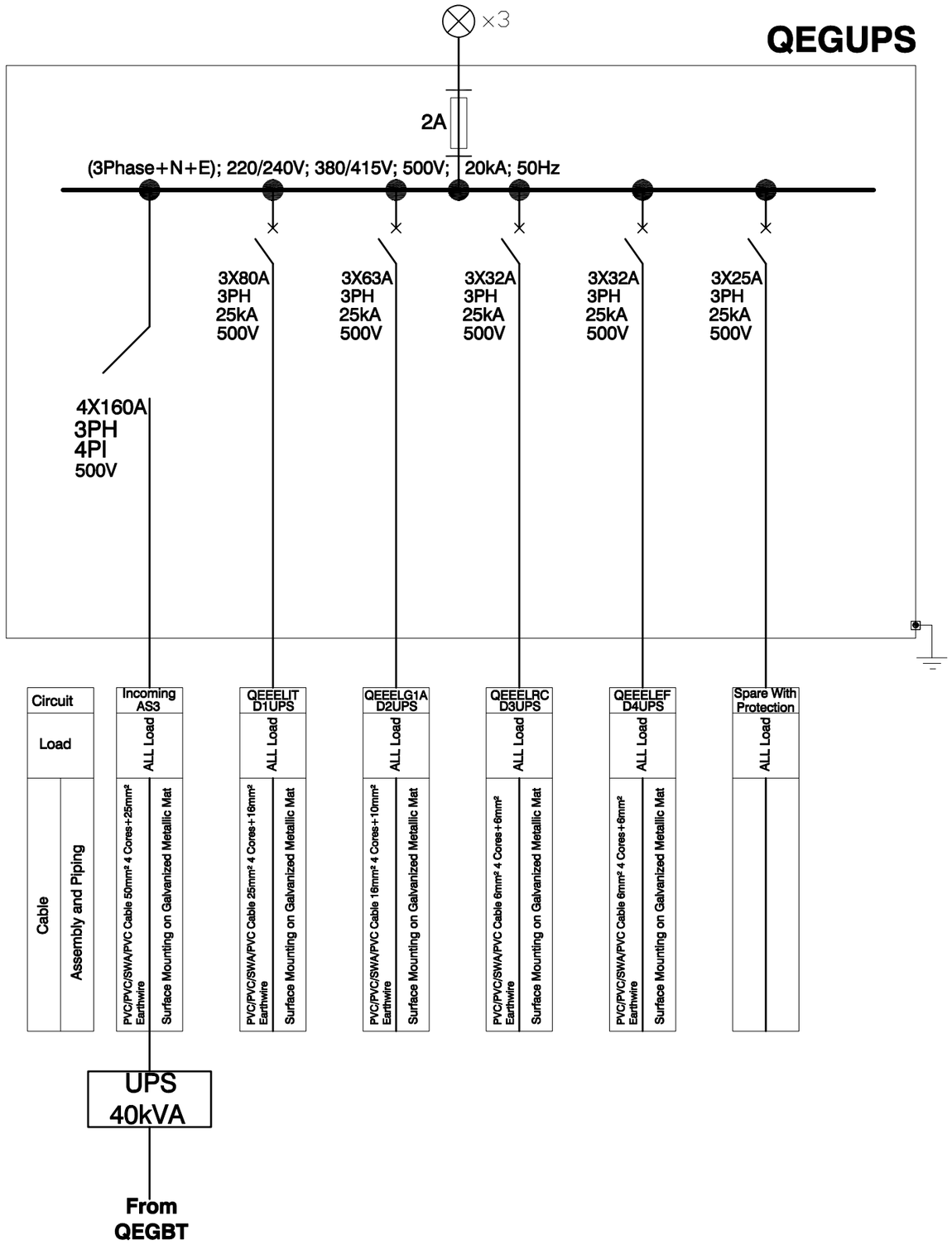
GABINETE DE ESTUDOS E PROJECTOS

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & B | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity
Drawing: POWER SUPPLY
Secondary Distribution Cabinet 2 (ADS2)
Project Number:
Scale: S/E
Date: SET.2020
Drawing:
Drawing:
Revise:

EL12



N

2.5 5 10m

REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

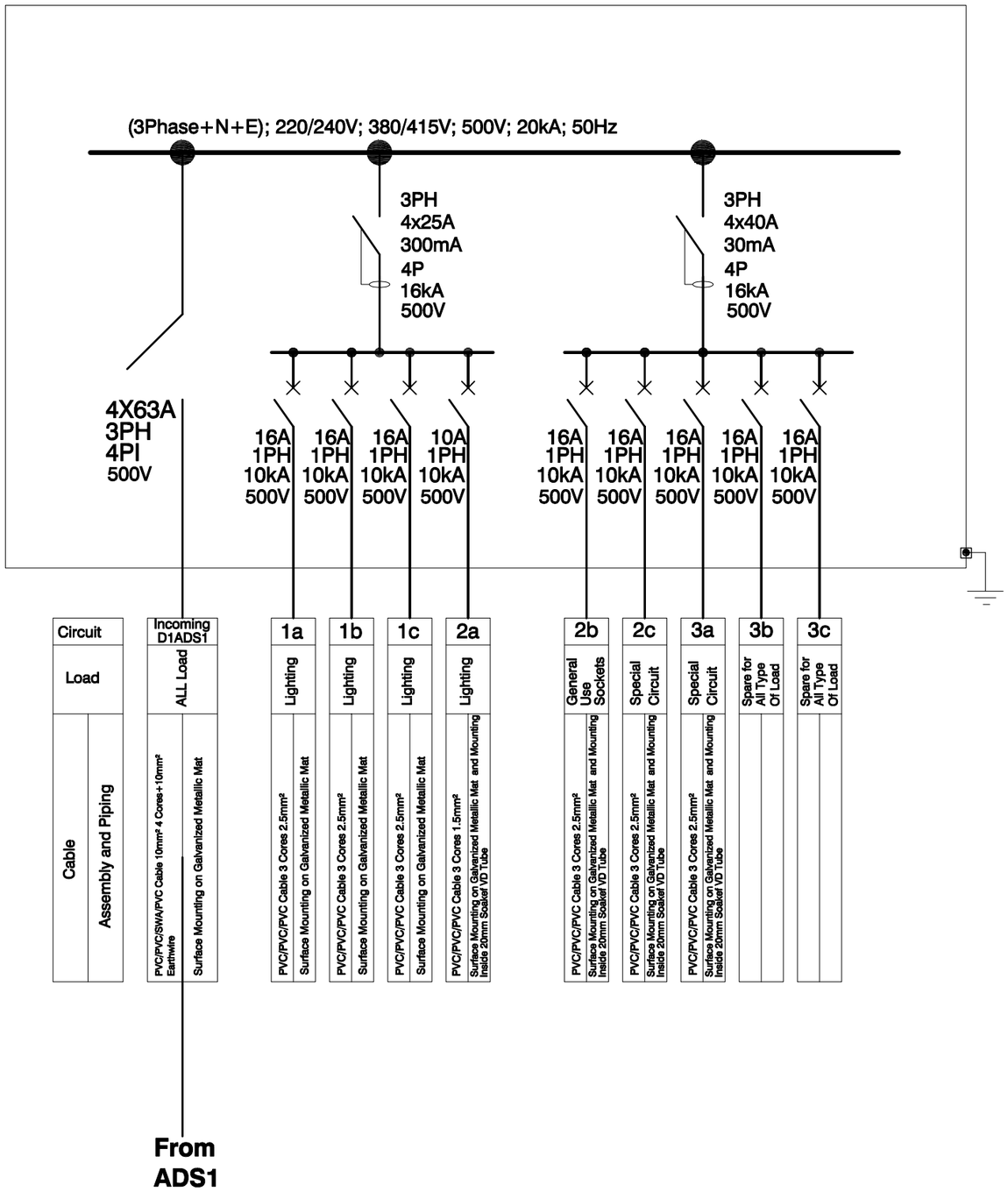
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & B. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
UPS General Cabinet (QEGUPS)
Project Number:
Scale: S/E
Date: SET.2020
Drawing:
Revise:

EL13

QEAPV



1PH=Single Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2.5 5 10m

REVIEW	DESCRIPTION	DATE

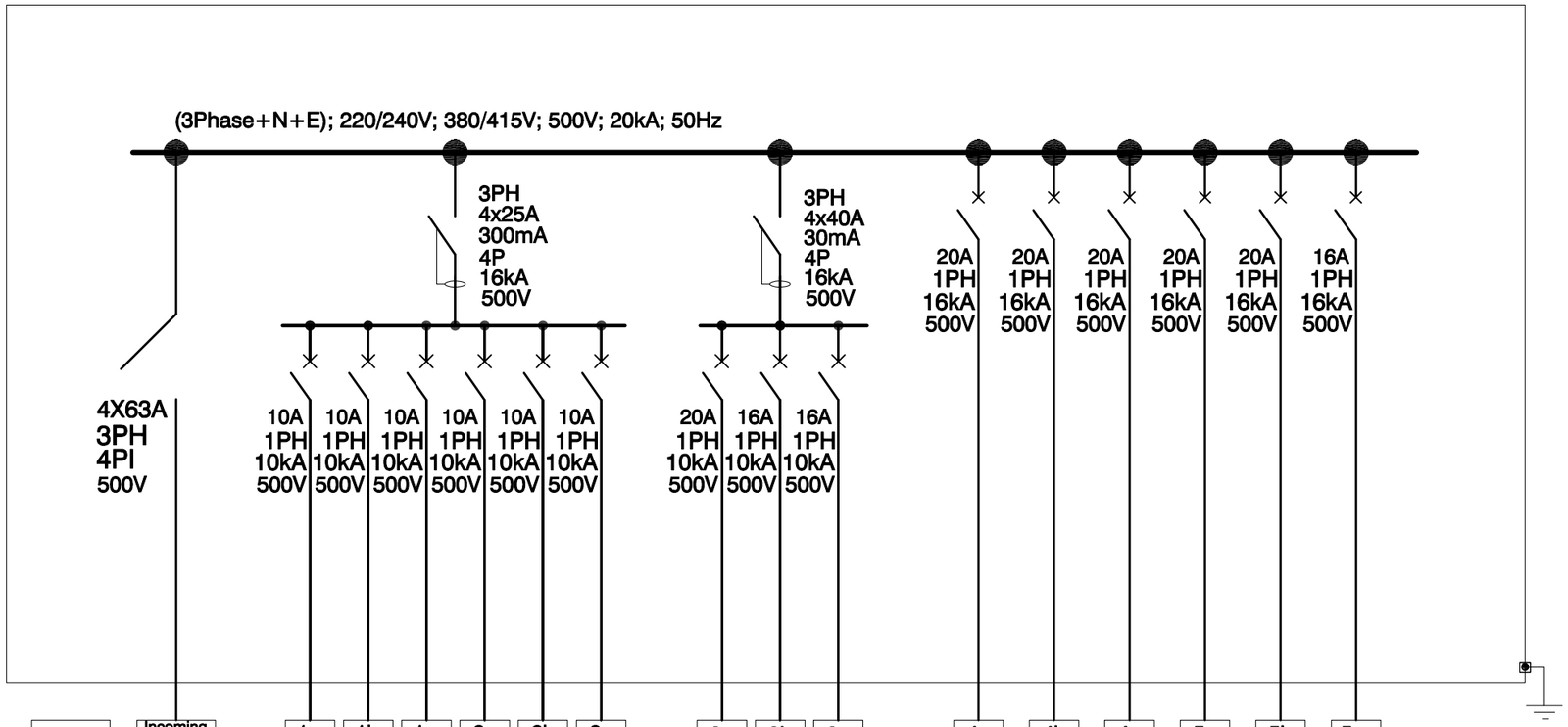
Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity
Drawing: POWER SUPPLY
Distribution Board of the Small Volume Warehouse (QEAPV)
Project Number: Scale: S/E
Date: SET.2020 Drawing:
Drawing:
Number: EL14

QE1RC



Circuit	Incoming D2ADS1	1a	1b	1c	2a	2b	2c	3a	3b	3c	4a	4b	4c	5a	5b	5c
Load	ALL Load	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Printer and Photocopier Machine	General Use Sockets	General Use Sockets	Hand Dryer	Hand Dryer	Hand Dryer	Hand Dryer	Hand Dryer	Spare for All Type Of Load
Cable	PVC/PVC/SWA/PVC Cable 10mm² 4 Cores+10mm² Earthwire	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	
Assembly and Piping	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	

From ADS1

1PH=Single Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2.5 5 10m

REVIEW	DESIGNATION	DATE

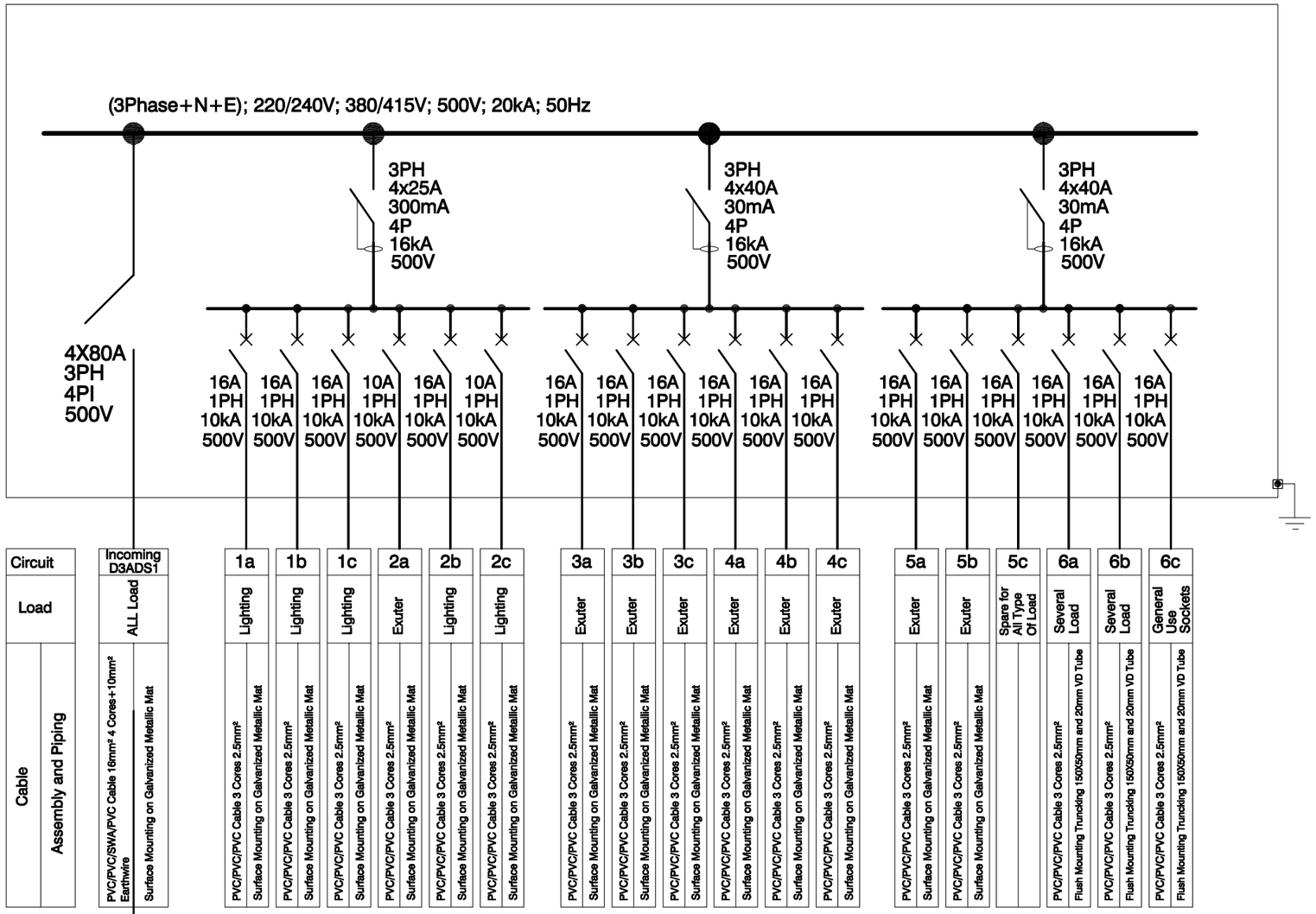
Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
Main Warehouse Ground Floor Distribution Board 1 (QE1RC)
Project Number:
Scale: S/E
Date: SET.2020
Drawing:
Drawing:
Revise:
EL15

QE1AP



Circuit	Incoming D3ADS1	1a	1b	1c	2a	2b	2c	3a	3b	3c	4a	4b	4c	5a	5b	5c	6a	6b	6c
Load	ALL Load	Lighting	Lighting	Lighting	Exuter	Lighting	Lighting	Exuter	Exuter	Exuter	Exuter	Exuter	Exuter	Exuter	Exuter	Spare for All Type Of Load	Several Load	Several Load	General Use Sockets
Cable	PVC/PVC/SWA/PVC Cable 16mm² 4 Cores+10mm² Earthwire	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²		PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²
Assembly and Piping	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat		Flush Mounting Truncking 150X50mm and 20mm VD Tube	Flush Mounting Truncking 150X50mm and 20mm VD Tube	Flush Mounting Truncking 150X50mm and 20mm VD Tube

From ADS1

1PH=Single Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2.5 5 10m

REVIEW	DESIGNATION	DATE

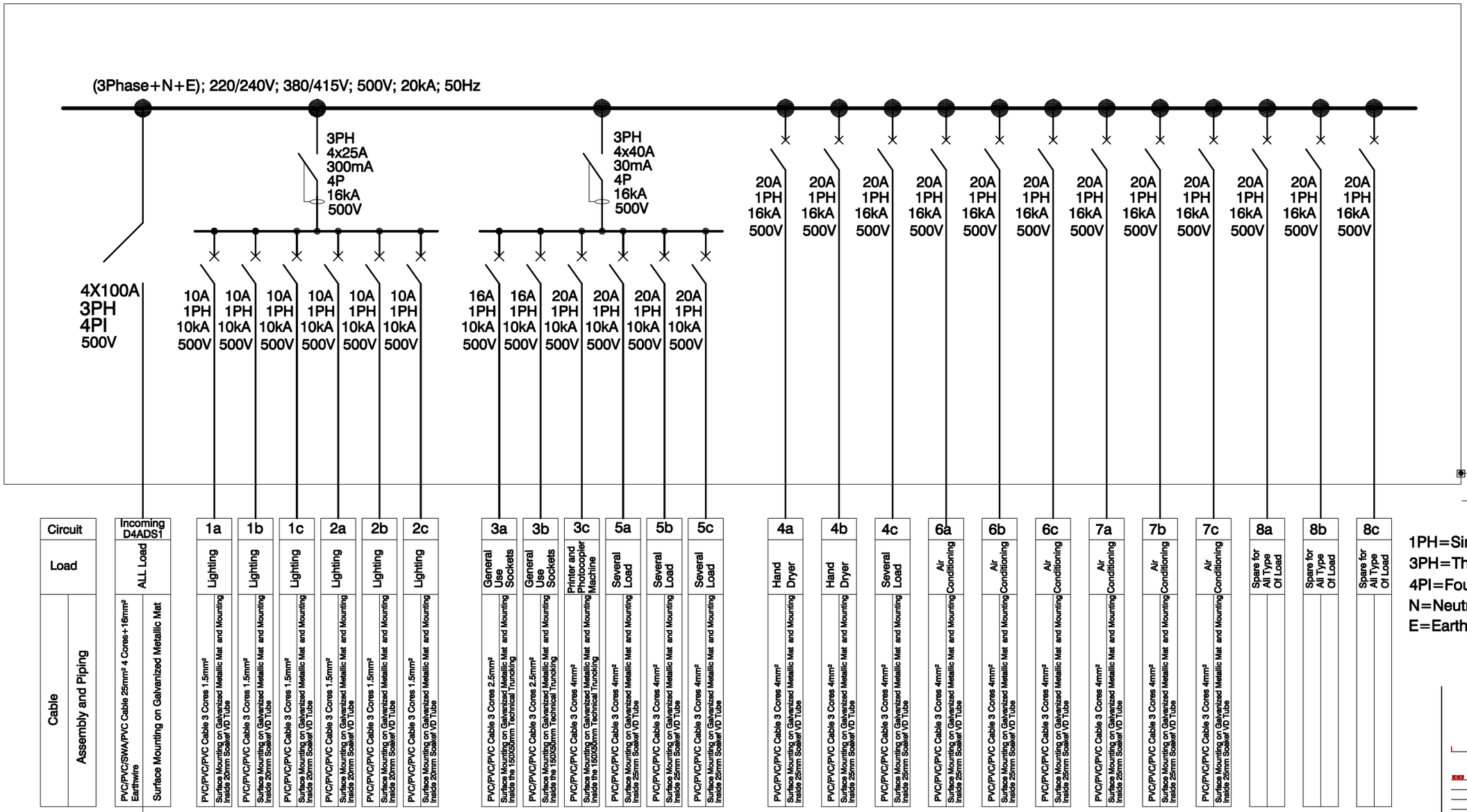
Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & B | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
Main Warehouse Distribution Board 1 (QE1AP)
Project Number: Scale: S/E
Date: SET.2020 Drawing:
Drawing: EL16
Revision:

QE11A



Circuit	Incoming D4ADS1	1a	1b	1c	2a	2b	2c	3a	3b	3c	5a	5b	5c	4a	4b	4c	6a	6b	6c	7a	7b	7c	8a	8b	8c
Load	ALL Load	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	General Use Sockets	General Use Sockets	Printer and Photocopier Machine	Several Load	Several Load	Several Load	Hand Dryer	Hand Dryer	Several Load	Air Conditioning	Air Conditioning	Air Conditioning	Air Conditioning	Air Conditioning	Air Conditioning	Spare for All Type Of Load	Spare for All Type Of Load	Spare for All Type Of Load
Cable	PVC/PVC/SWA/PVC Cable 25mm² 4 Cores+16mm² Earthwire	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²	PVC/PVC/PVC Cable 3 Cores 4mm²			
Assembly and Piping	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside the 150X30mm Technical Truncking	Surface Mounting on Galvanized Metallic Mat and Mounting Inside the 150X30mm Technical Truncking	Surface Mounting on Galvanized Metallic Mat and Mounting Inside the 150X30mm Technical Truncking	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 25mm Soaked VD Tube			

1PH=Single Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

From ADS1

N

2.5 5 10m

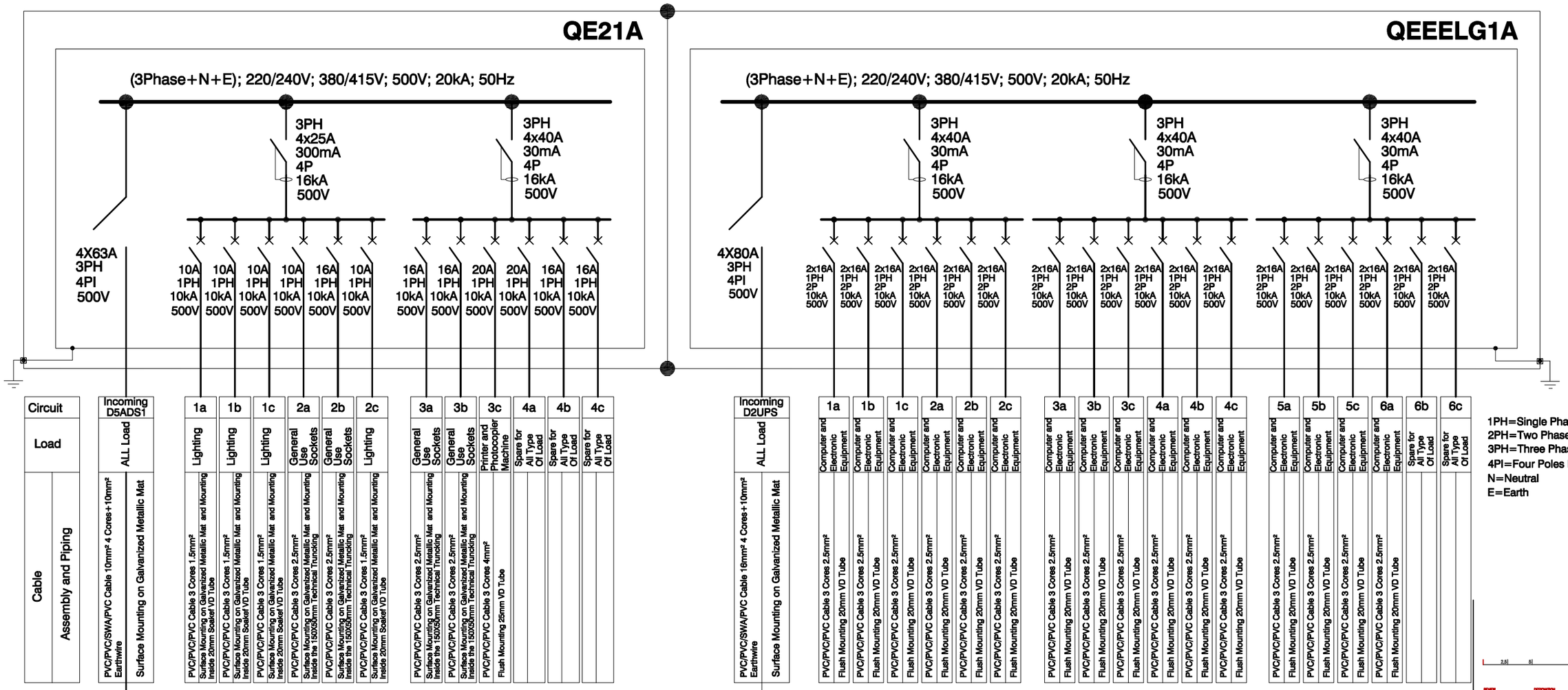
REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
Main Warehouse First Floor Distribution Board 1 (QE11A)
Project Number: SET.2020
Scale: S/E
Date: SET.2020
Drawing: EL17
Revision:



Circuit	Incoming D5ADS1	1a	1b	1c	2a	2b	2c	3a	3b	3c	4a	4b	4c
Load	ALL Load	Lighting	Lighting	Lighting	General Use Sockets	General Use Sockets	Lighting	General Use Sockets	General Use Sockets	Printer and Photocopier Machine	Spare for All Type Of Load	Spare for All Type Of Load	Spare for All Type Of Load
Cable	PVC/PVC/SWA/PVC Cable 10mm² 4 Cores+10mm² Earthwire	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 1.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 4mm²			
Assembly and Piping	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soakel VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soakel VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soakel VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside the 150X50mm Technical Truncking	Surface Mounting on Galvanized Metallic Mat and Mounting Inside the 150X50mm Technical Truncking	Surface Mounting on Galvanized Metallic Mat and Mounting Inside 20mm Soakel VD Tube	Surface Mounting on Galvanized Metallic Mat and Mounting Inside the 150X50mm Technical Truncking	Surface Mounting on Galvanized Metallic Mat and Mounting Inside the 150X50mm Technical Truncking	Flush Mounting 25mm VD Tube			

From ADS1

Circuit	Incoming D2UPS	1a	1b	1c	2a	2b	2c	3a	3b	3c	4a	4b	4c	5a	5b	5c	6a	6b	6c
Load	ALL Load	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Spare for All Type Of Load	Spare for All Type Of Load
Cable	PVC/PVC/SWA/PVC Cable 16mm² 4 Cores+10mm² Earthwire	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²		
Assembly and Piping	Surface Mounting on Galvanized Metallic Mat	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube		

From QEGUPS

1PH=Single Phase
2PH=Two Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2,5 5 10m

REVIEW	DESIGNATION	DATE

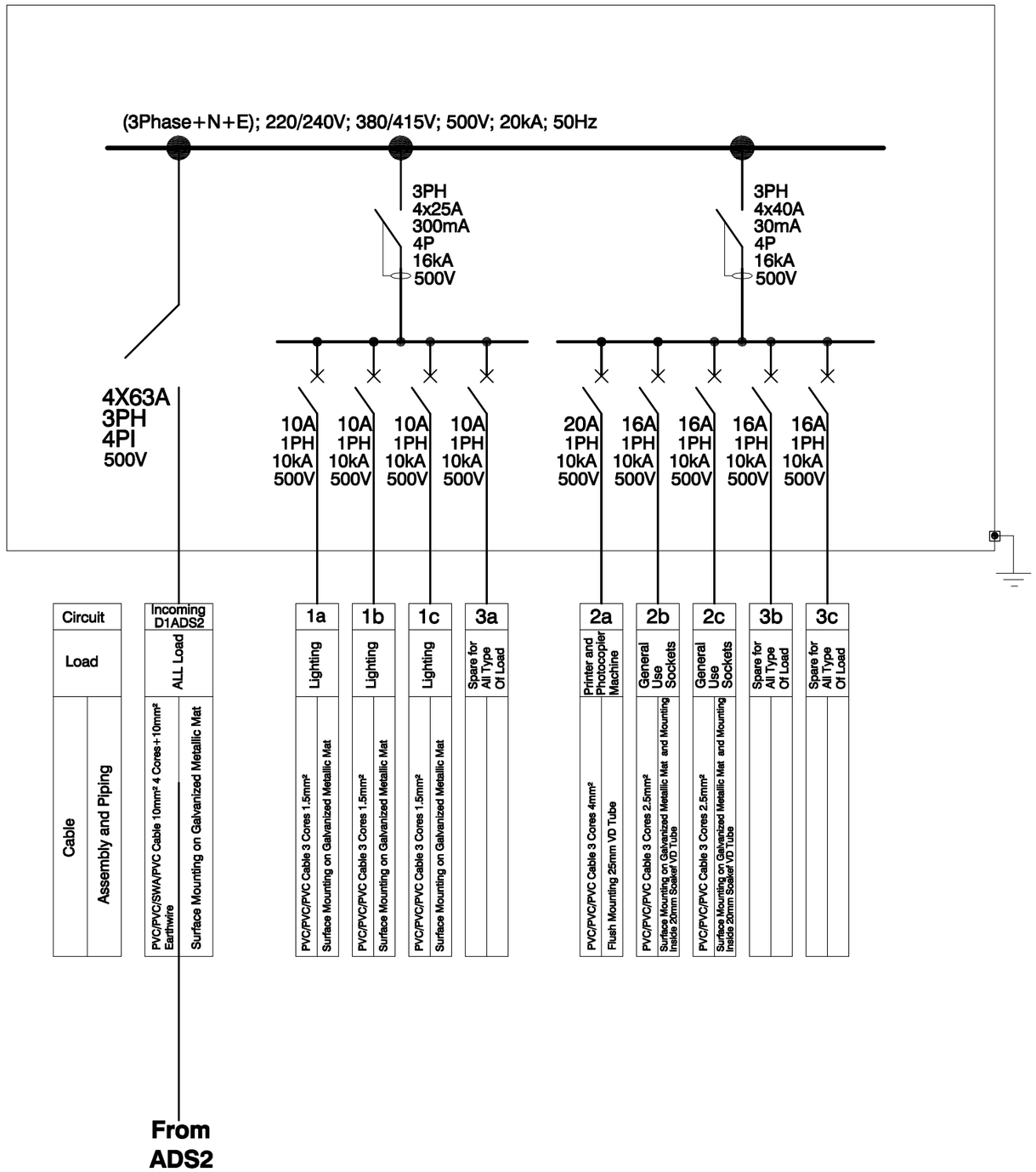
Aplicant: UNDP Moçambique

ECOSOMUL LDA
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & B. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity
Drawing: POWER SUPPLY
Single-Line Layout and Construtive Form of Partial Distributions Board (QE21A) and (QEEELG1A)
Project Number: Scale: S/E
Date: SET.2020 Revising:
Drawing:
Number: EL18

QE2RC



N

2.5 5 10m

REVIEW	DESCRIPTION	DATE

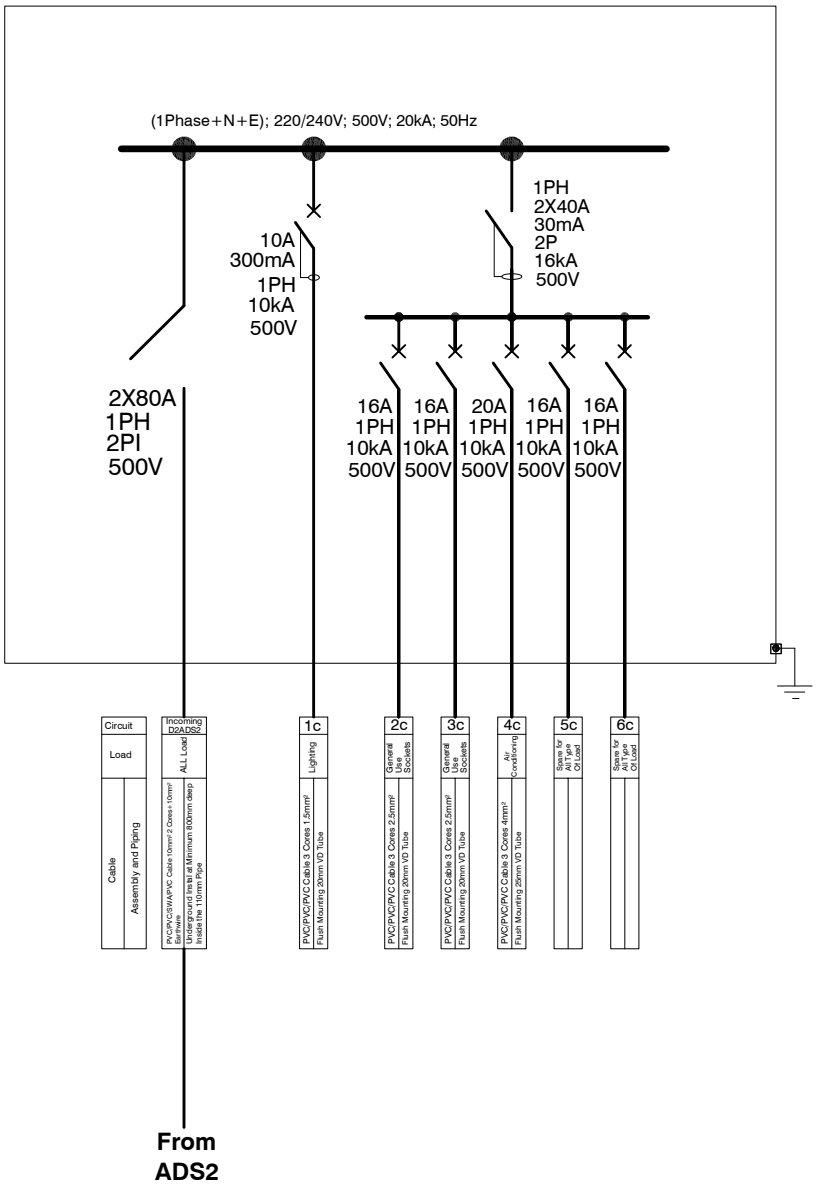
Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & | C.P. 312 MAPUTO

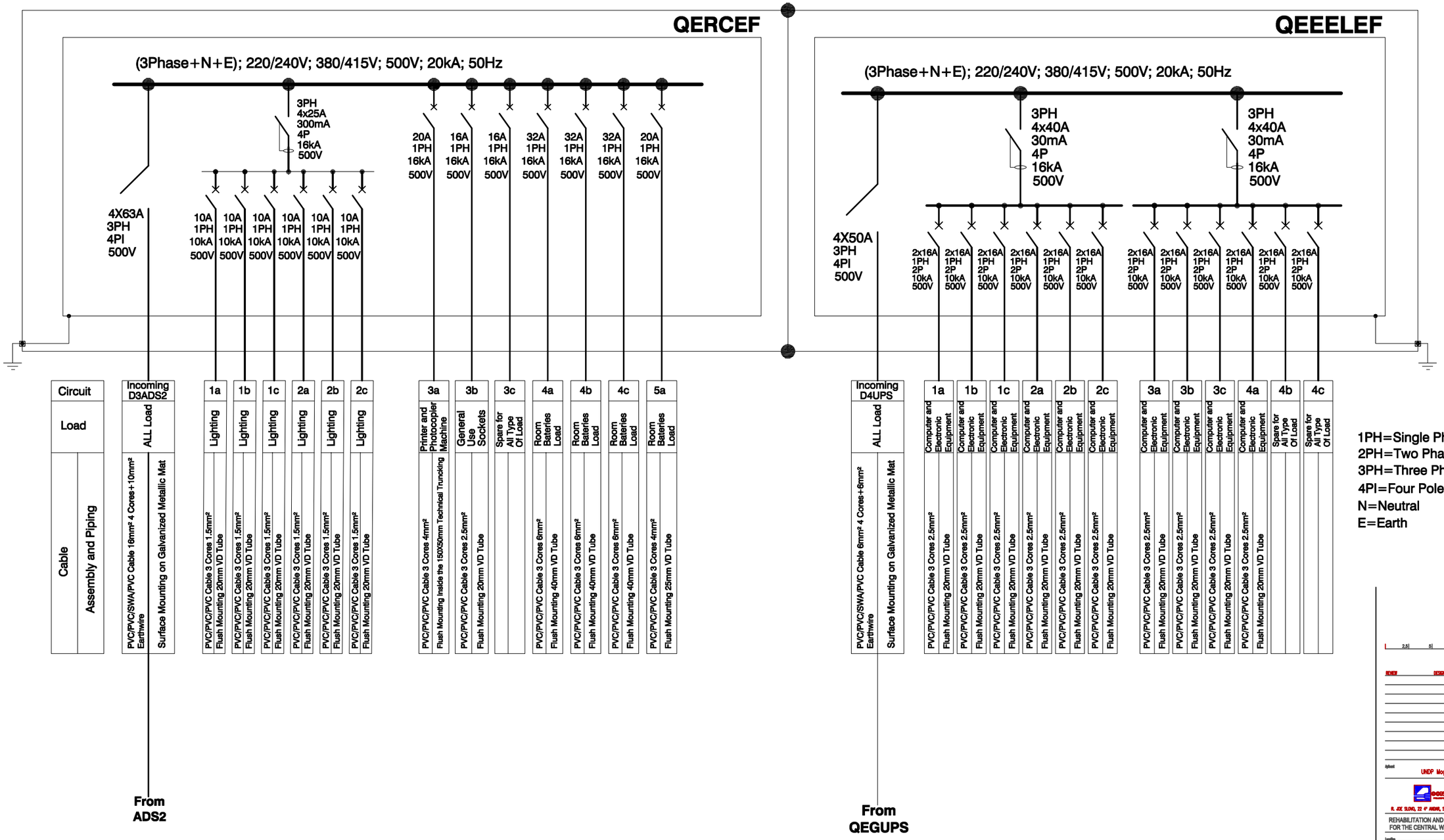
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
Main Warehouse Ground Floor Distribution Board 2 (QE2RC)
Project Number: Scale: S/E
Date: SET.2020 Drawing:
Drawing: EL19
Revision:

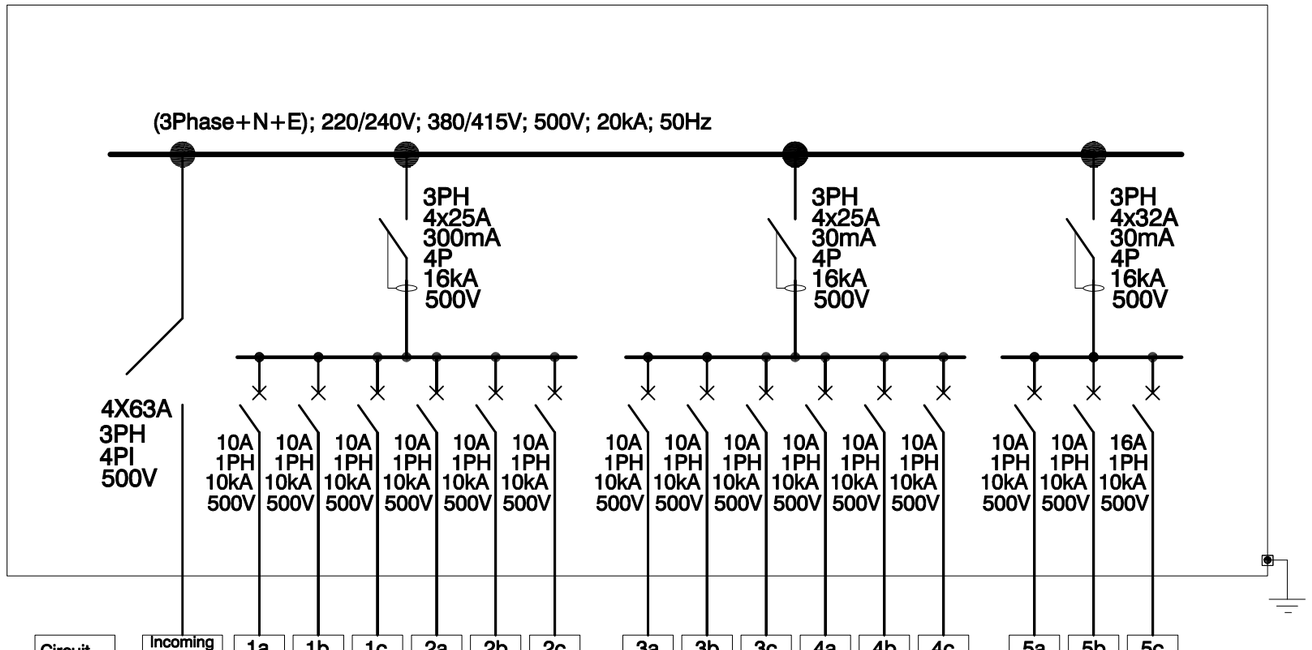
QEG



1PH=Single Phase
2PI=Two Poles Isolater
N=Neutral
E=Earth


QERCEF
(3Phase+N+E); 220/240V; 380/415V; 500V; 20kA; 50Hz
3PH 4x25A 300mA 4P 16kA 500V
4X63A 3PH 4PI 500V
10A 1PH 10kA 500V
20A 1PH 16kA 500V
16A 1PH 16kA 500V
32A 1PH 16kA 500V
Circuit
Load
Cable
Assembly and Piping
Incoming D3ADS2
ALL Load
PVC/PVC/SWA/PVC Cable 16mm² 4 Cores+10mm² Earthwire
Surface Mounting on Galvanized Metallic Mat
1a Lighting PVC/PVC/PVC Cable 3 Cores 1.5mm² Flush Mounting 20mm VD Tube
1b Lighting PVC/PVC/PVC Cable 3 Cores 1.5mm² Flush Mounting 20mm VD Tube
1c Lighting PVC/PVC/PVC Cable 3 Cores 1.5mm² Flush Mounting 20mm VD Tube
2a Lighting PVC/PVC/PVC Cable 3 Cores 1.5mm² Flush Mounting 20mm VD Tube
2b Lighting PVC/PVC/PVC Cable 3 Cores 1.5mm² Flush Mounting 20mm VD Tube
2c Lighting PVC/PVC/PVC Cable 3 Cores 1.5mm² Flush Mounting 20mm VD Tube
3a Printer and Photocopier Machine PVC/PVC/PVC Cable 3 Cores 4mm² Flush Mounting Inside the 150X50mm Technical Trunocking
3b General Use Sockets PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
3c Spare for All Type Of Load
4a Room Bateries Load PVC/PVC/PVC Cable 3 Cores 6mm² Flush Mounting 40mm VD Tube
4b Room Bateries Load PVC/PVC/PVC Cable 3 Cores 6mm² Flush Mounting 40mm VD Tube
4c Room Bateries Load PVC/PVC/PVC Cable 3 Cores 6mm² Flush Mounting 40mm VD Tube
5a Room Bateries Load PVC/PVC/PVC Cable 3 Cores 4mm² Flush Mounting 25mm VD Tube
From ADS2
QEEELEF
(3Phase+N+E); 220/240V; 380/415V; 500V; 20kA; 50Hz
3PH 4x40A 30mA 4P 16kA 500V
4X50A 3PH 4PI 500V
2x16A 1PH 2P 10kA 500V
Incoming D4UPS
ALL Load
PVC/PVC/SWA/PVC Cable 6mm² 4 Cores+8mm² Earthwire
Surface Mounting on Galvanized Metallic Mat
1a Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
1b Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
1c Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
2a Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
2b Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
2c Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
3a Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
3b Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
3c Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
4a Computer and Electronic Equipment PVC/PVC/PVC Cable 3 Cores 2.5mm² Flush Mounting 20mm VD Tube
4b Spare for All Type Of Load
4c Spare for All Type Of Load
From QEGUPS
1PH=Single Phase
2PH=Two Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth
N
2.5 5 10m
REVIEW DESCRIPTION DATE
Aplicant
UNDP Moçambique
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MPUTO
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA
Location Beira
Phase EXECUTIVE PROJECT
Speciality Electricity
Drawing POWER SUPPLY
Single-Line Layout and Construtive Form of Partial Distributions Board (QERCEF) and (QEEELEF)
Project Number
Scale S/E
Date SET.2020
Drawing
EL21

QE2AP



Circuit	Incoming D4ADS2	1a	1b	1c	2a	2b	2c	3a	3b	3c	4a	4b	4c	5a	5b	5c
Load	ALL Load	Lighting	Lighting	Lighting	Spare for All Type Of Load	Lighting	Spare for All Type Of Load	Exuter	Exuter	Exuter	Exuter	Exuter	Exuter	Exuter	Exuter	General Use Sockets
Cable	PVC/PVC/SWA/PVC Cable 10mm² 4 Cores+10mm² Earthwire	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²		PVC/PVC/PVC Cable 3 Cores 1.5mm²		PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²
Assembly and Piping	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat		Surface Mounting on Galvanized Metallic Mat		Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Surface Mounting on Galvanized Metallic Mat	Flush Mounting 20mm VD Tube

From ADS2

1PH=Single Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2.5 5 10m

REVIEW	DESIGNATION	DATE

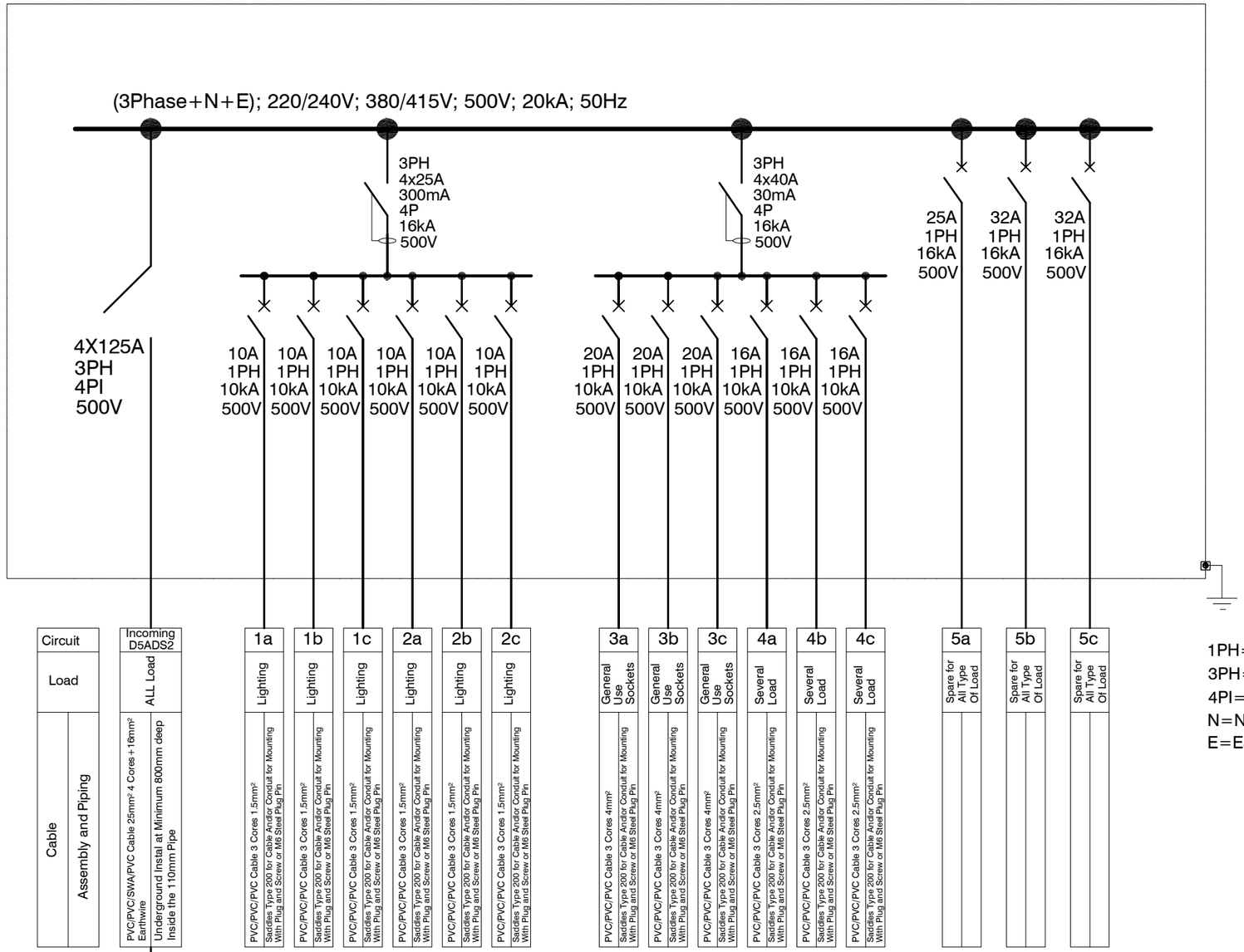
Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
Main Warehouse Distribution Board 2 (QE2AP)
Project Number: Scale: S/E
Date: SET.2020 Drawing:
Drawing:
Number: EL22

QEGAI



1PH=Single Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2.5 5 10m

REVIEW	DESCRIPTION	DATE

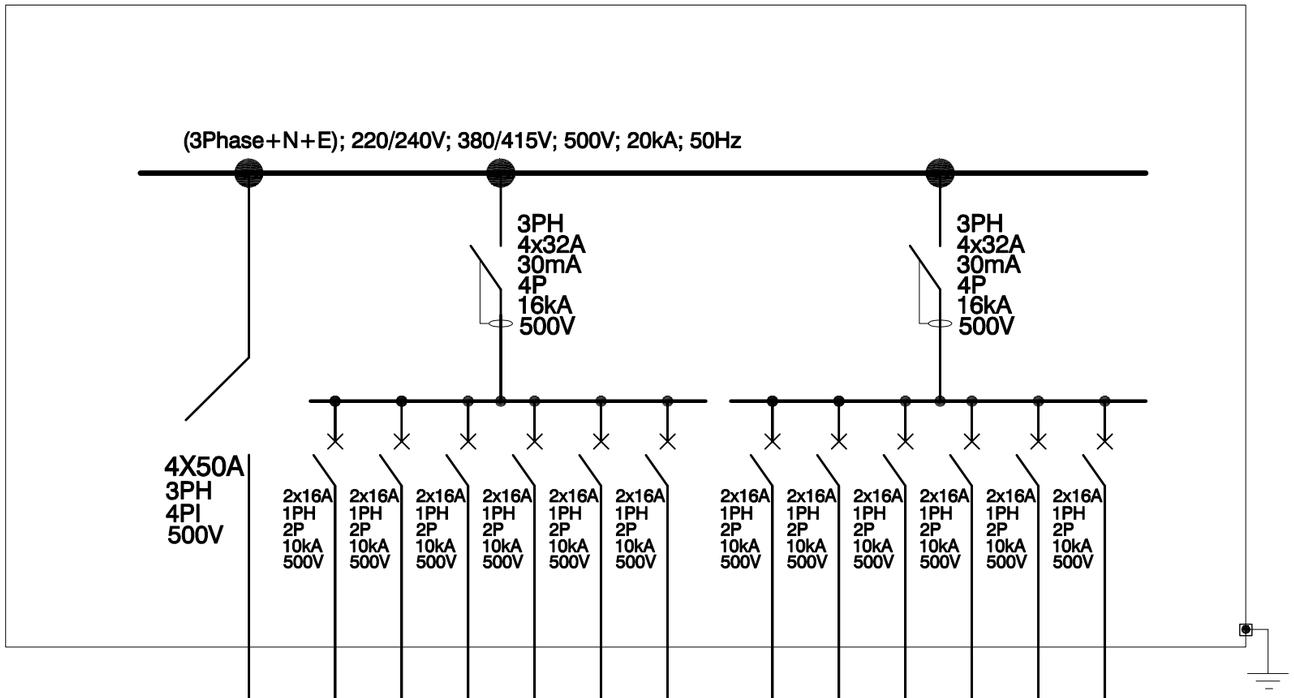
Aplicant: UNDP Moçambique

GOODWILL DOUR
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & B. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
Flammable Warehouse Main Distribution Board (QEGAI)
Project Number:
Scale: S/E
Date: SET.2020
Drawing:
Drawing: EL23
Revision:

QEEELRC



Circuit	Incoming D3UPS	1a	1b	1c	2a	2b	2c	3a	3b	3c	4a	4b	4c
Load	ALL Load	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Computer and Electronic Equipment	Spare for All Type Of Load	Spare for All Type Of Load
Cable	PVC/PVC/SWA/PVC Cable 6mm² 4 Cores+6mm² Earthwire	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²	PVC/PVC/PVC Cable 3 Cores 2.5mm²		
Assembly and Piping	Surface Mounting on Galvanized Metallic Mat	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube	Flush Mounting 20mm VD Tube		

From QEGUPS

1PH=Single Phase
2PH=Two Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2.5 5 10m

REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

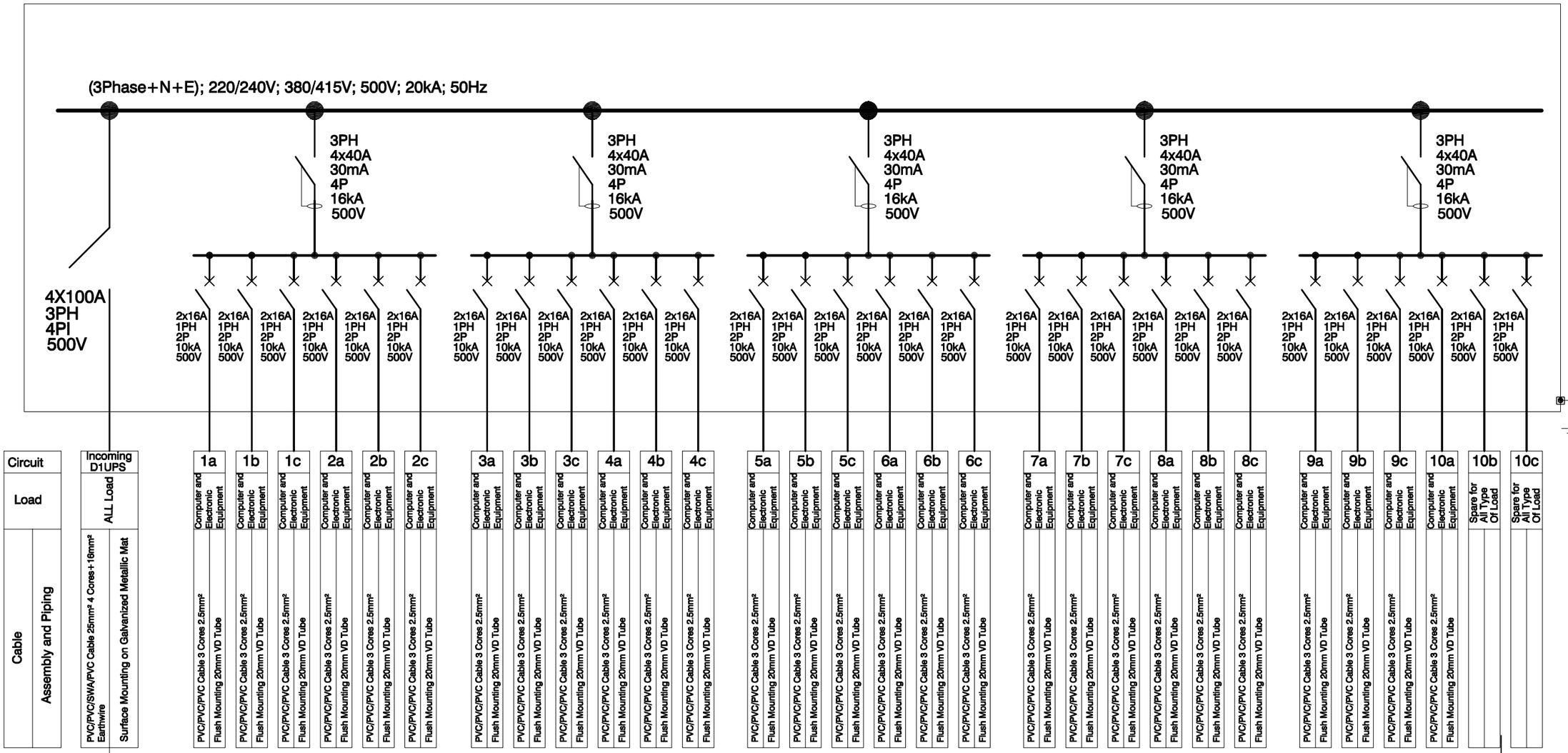
GABINETE DE ESTUDOS E PROJECTOS, LDA

R. JOE SLOVO, 23 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity
Drawing: POWER SUPPLY
Clean Electric Power Distribution Board et the Front Entrance of the Main Warehouse (QEEELEF)
Project Number: Scale: S/E
Date: SET.2020 Drawing:
Drawing:
Number: EL24

QEEELIT



From
QEGUPS

1PH=Single Phase
2PH=Two Phase
3PH=Three Phase
4PI=Four Poles Isolater
N=Neutral
E=Earth

N

2.5l 5l 10m

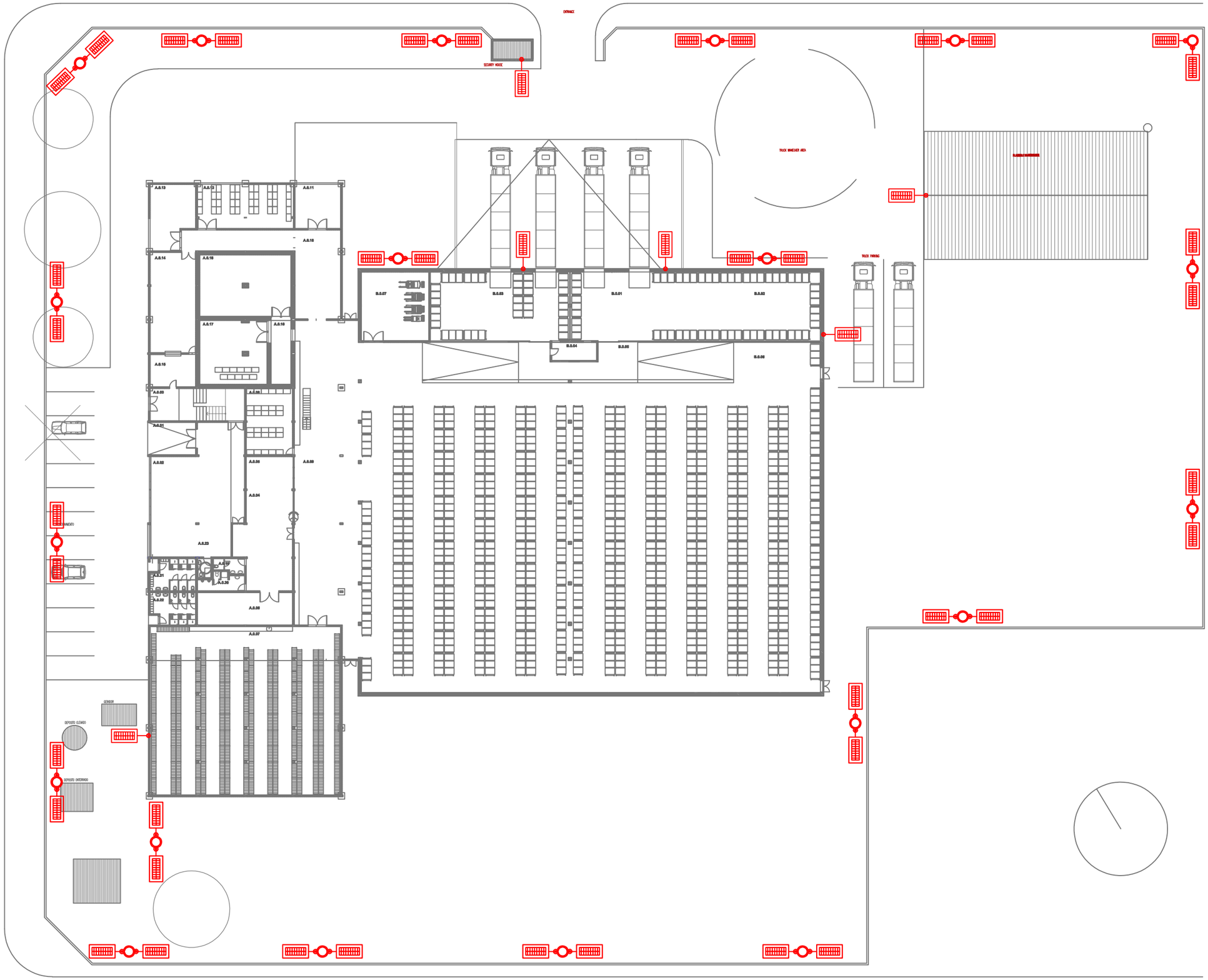
REVIEW	DESCRIPTION	DATE

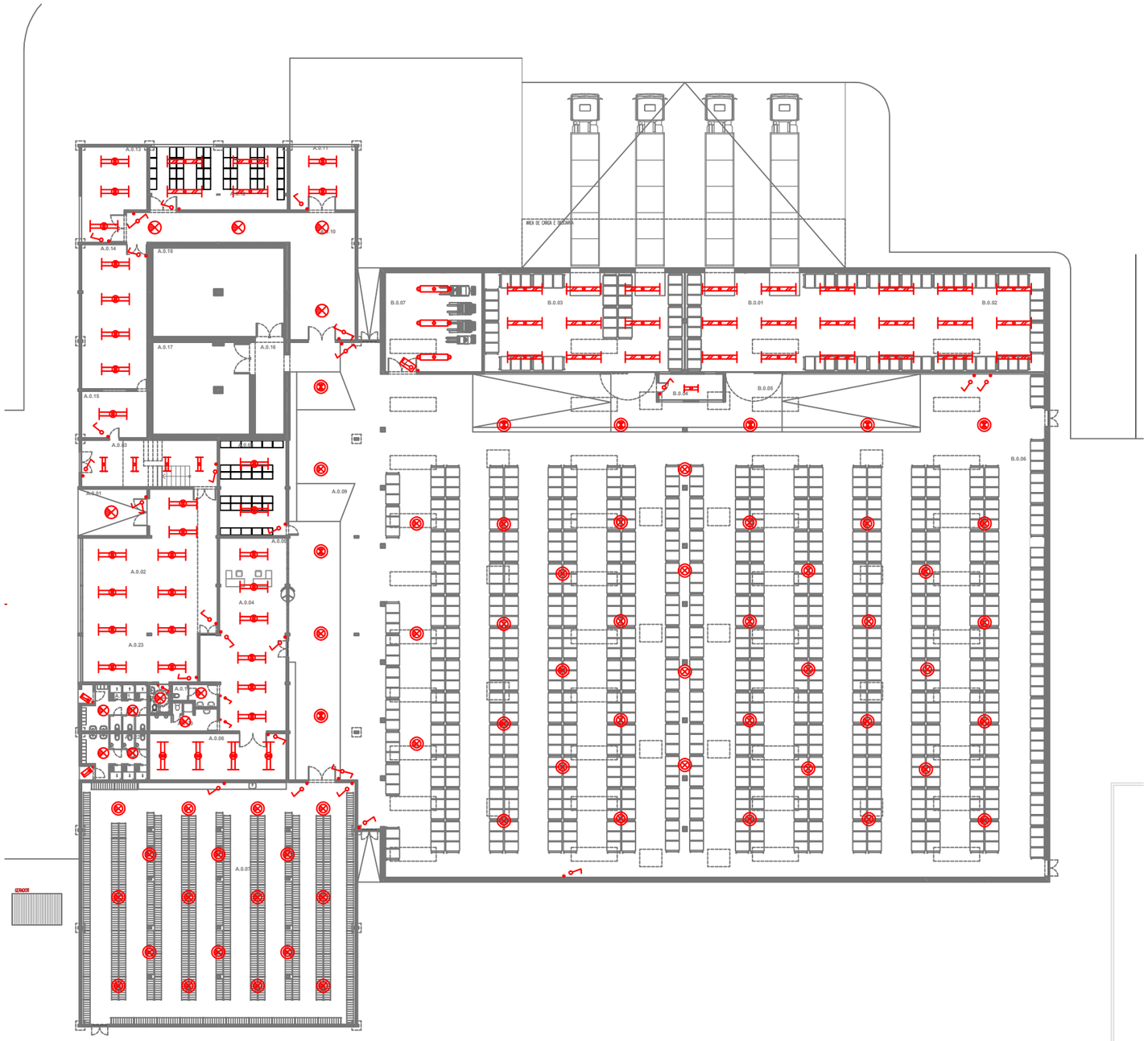
Aplicant: UNDP Moçambique

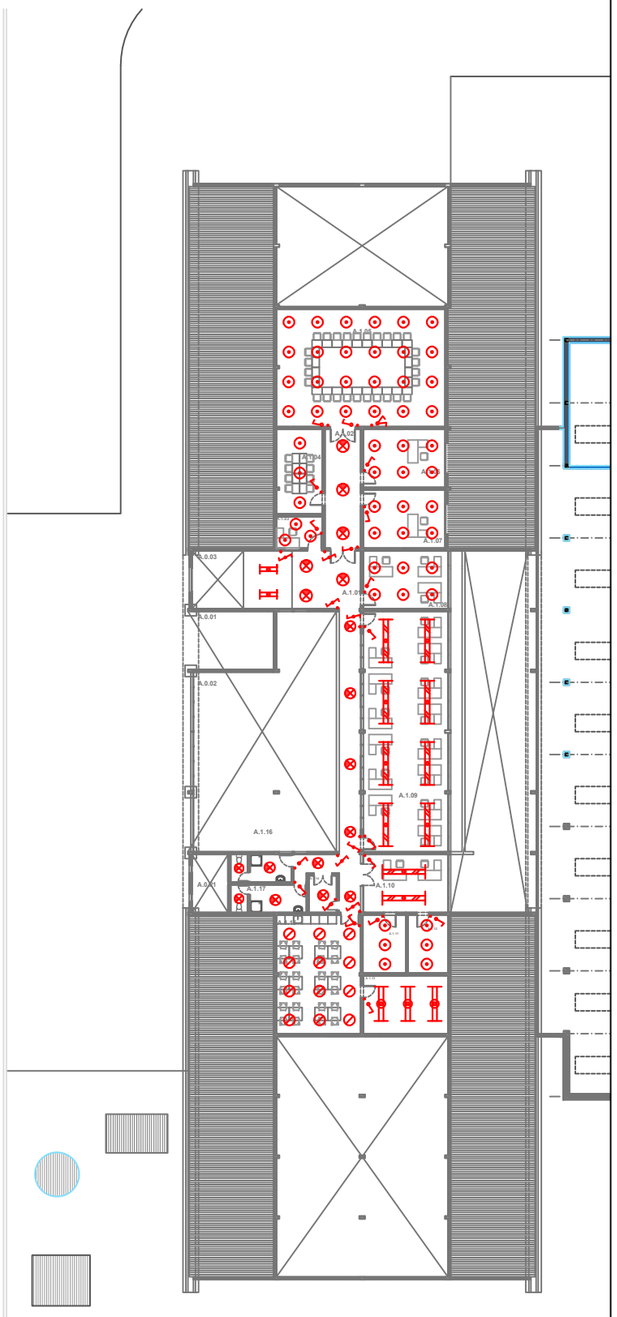
GABINETE DE ENGENHARIA
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & B. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: POWER SUPPLY
IT Clean Electric Power Distribution Board of the Main Warehouse (QEEELIT)
Project Number:
Scale: S/E
Date: SET.2020
Drawing:
Drawing:
Number: EL25


ENTRANCE
SECURITY HOUSE
TRUCK WINDOWS AREA
TRUCK PARKING
A.0.13
A.0.12
A.0.11
A.0.10
A.0.14
A.0.18
A.0.17
A.0.16
A.0.15
A.0.03
A.0.02
A.0.01
A.0.04
A.0.23
A.0.27
A.0.31
A.0.32
A.0.30
A.0.28
A.0.07
B.0.07
B.0.03
B.0.01
B.0.02
B.0.04
B.0.05
B.0.06
DEPOSITO ELEVADO
DEPOSITO ENTERRADO
N
2,5
5
10m
REVISÃO
DESCRIÇÃO
DATA
Aplicant
UNDP Moçambique
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO
REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA
Location
Beira
Phase
EXECUTIVE PROJECT
Speciality
Electricity
Drawing
EXTERNAL LIGHTING
Compete Assembly of Poles and Solar Luminares
Lighting System
Project Number
Scale
1:200
Date
SET.2020
Drawing
EL26





N

2.5 5 10m

REVISION	DESCRIPTION	DATE

Applicant: UNDP Moçambique

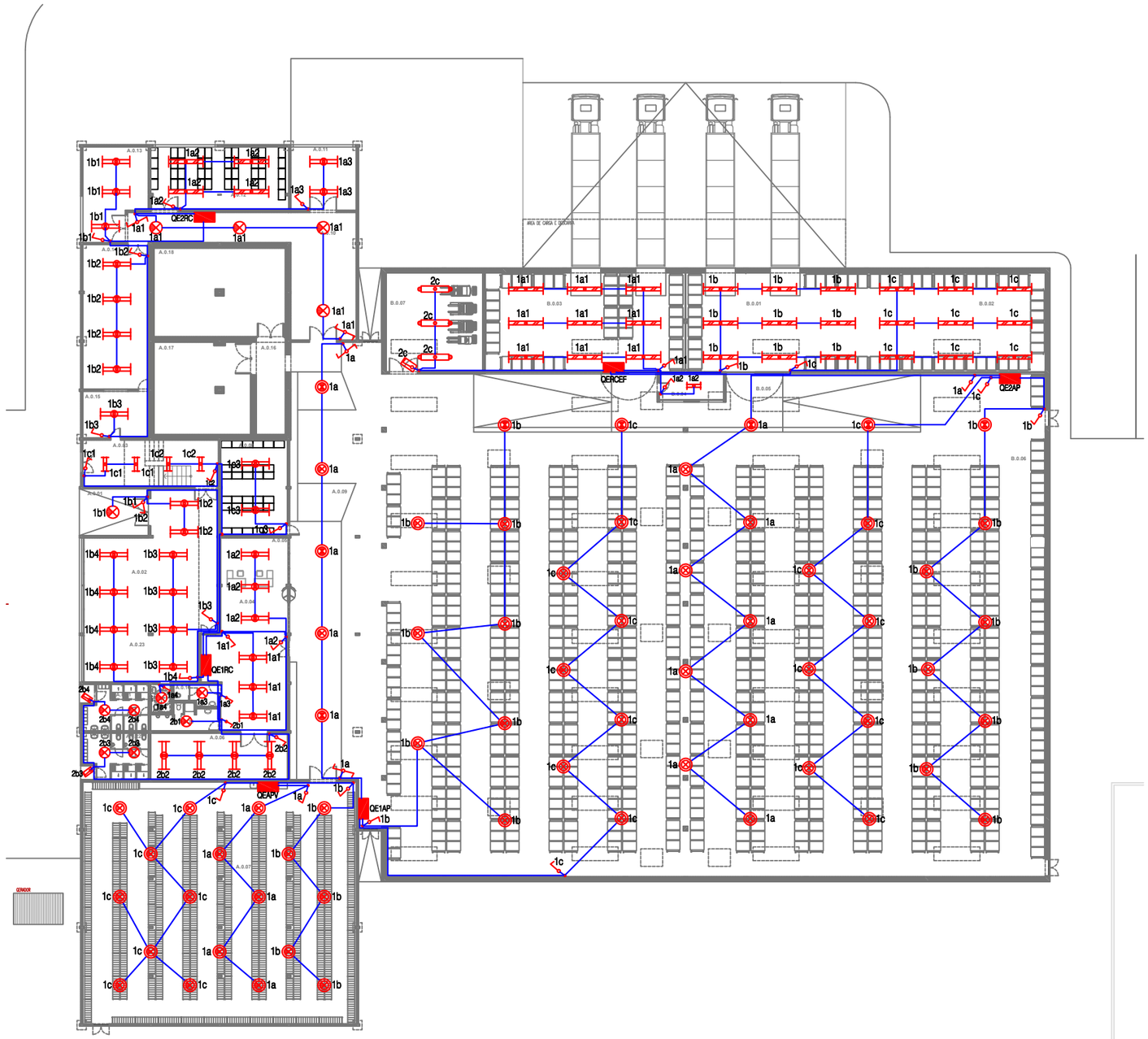
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6 | C.P. 312 MAPUTO

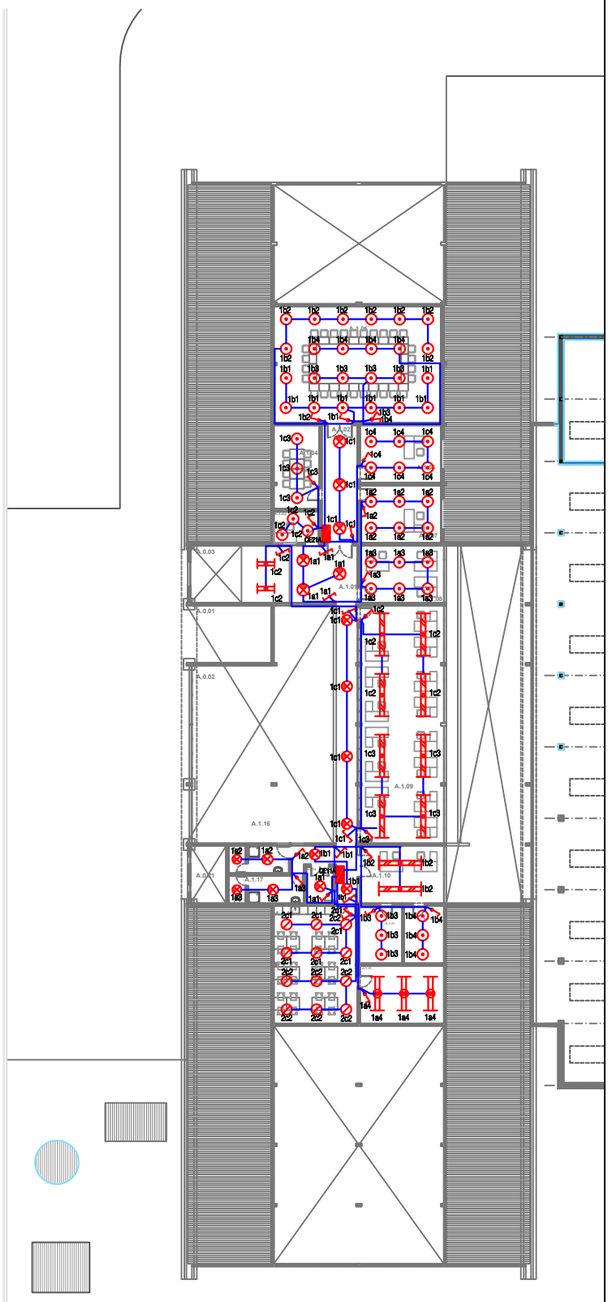
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: INSIDE LIGHTING
Luminaires Layout Main Warehouse

Project Number: Scale: 1:200
Date: SET.2020 Drawing:
Drawing:
Drawing: EL27



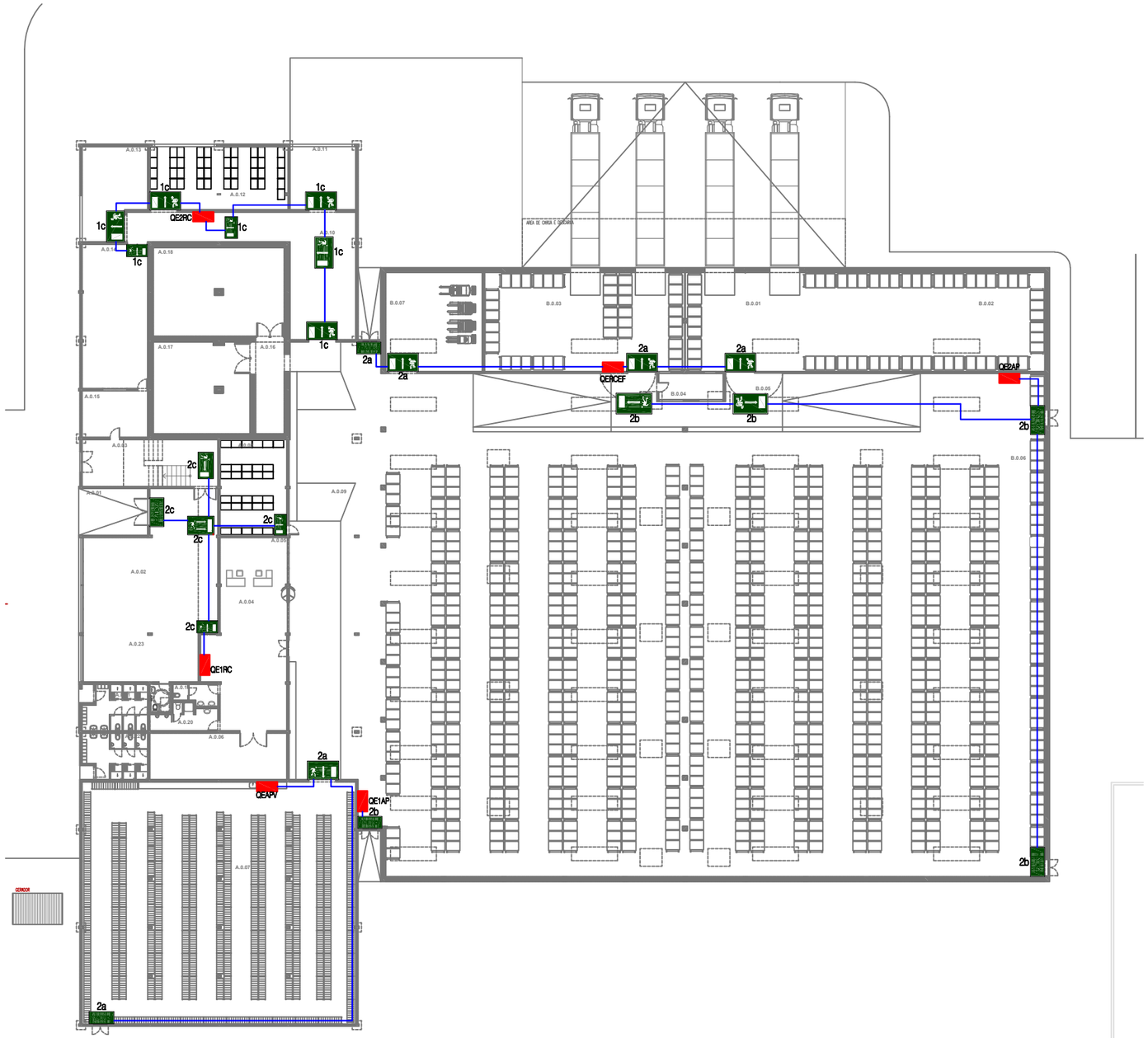


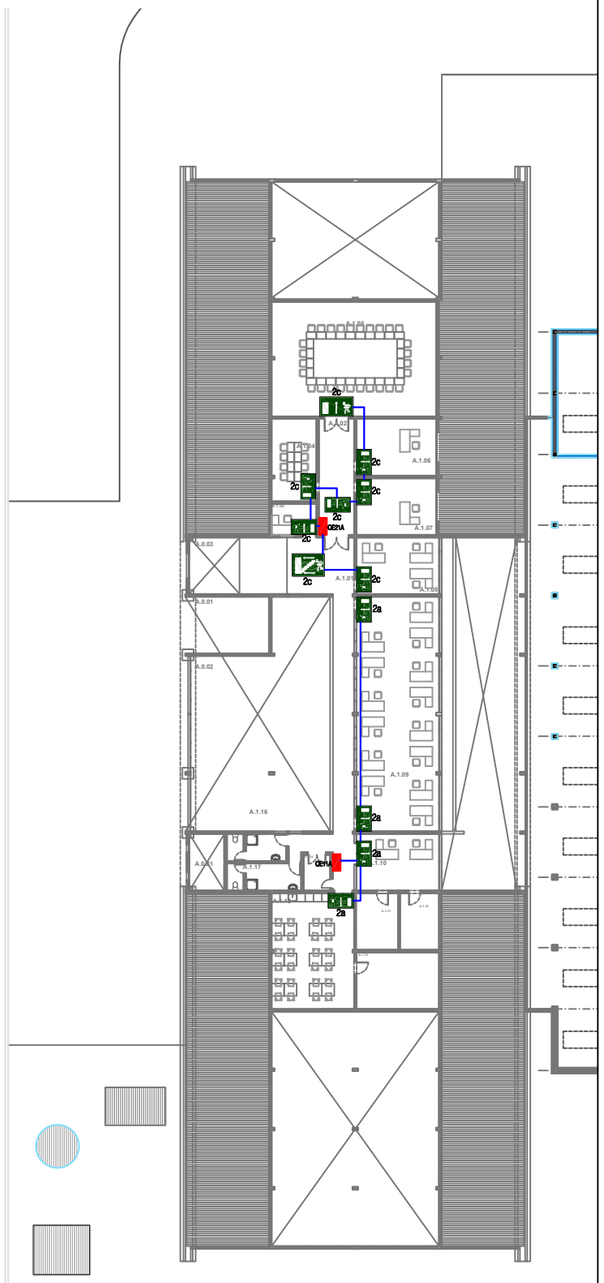
Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6, | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: INSIDE LIGHTING
Electric Lighting Circuits Main Warehouse
Project Number:
Scale: 1:200
Date: SET.2020
Drawing:
EL28





N

2.5 5 10m

REVISION	DESCRIPTION	DATE

Author

UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

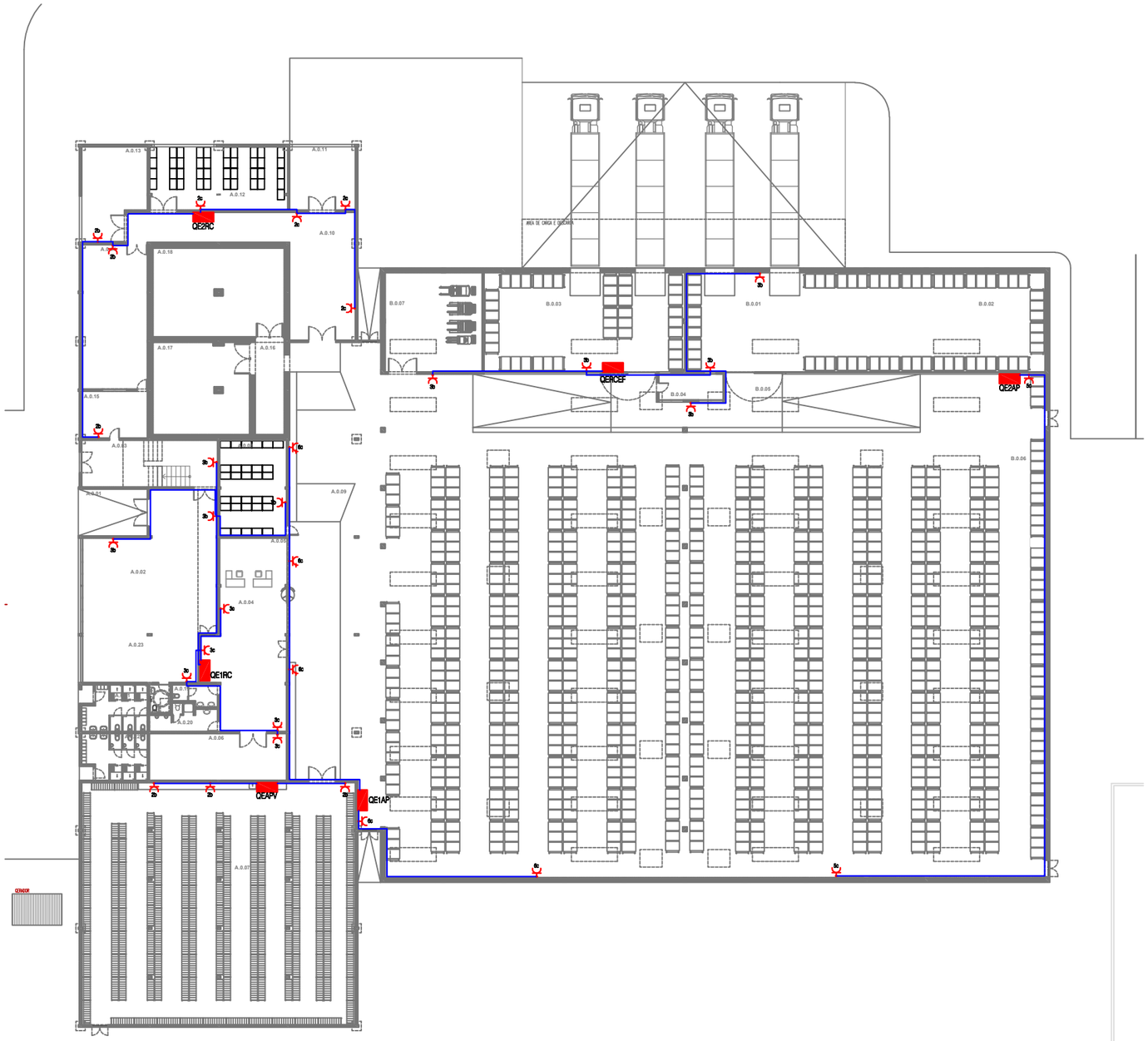
REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

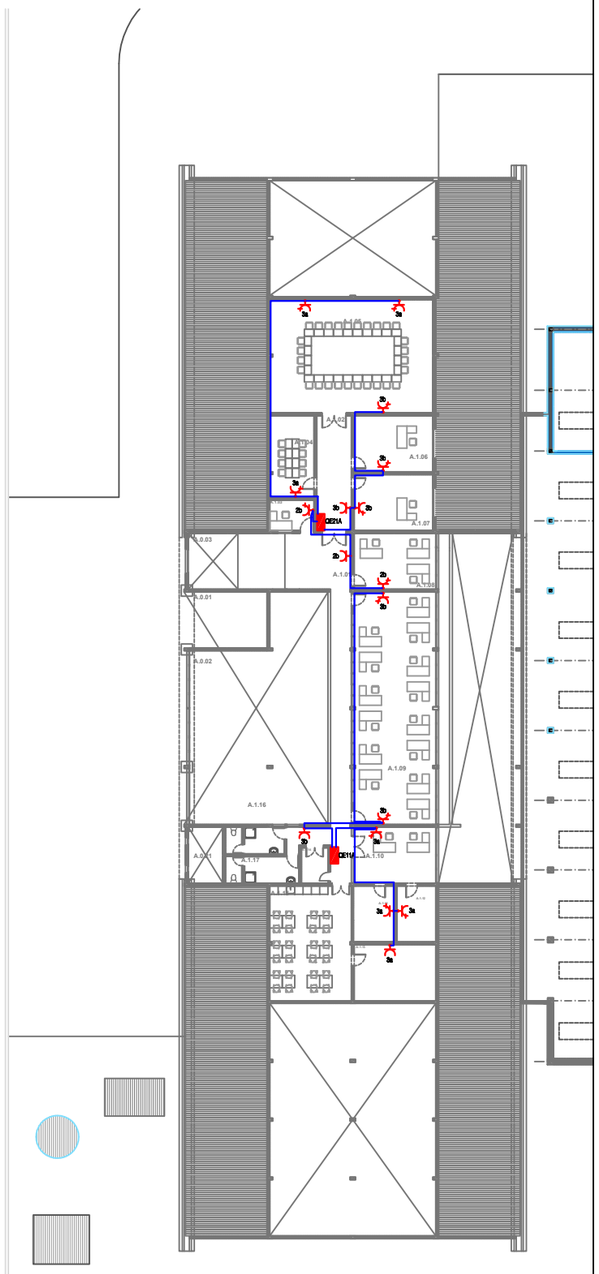
Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity

Drawing: SAFETY
Emergency Lighting and Signaline Luminaires
Electric Circuits

Project Number:
Scale: 1:200
Date: SET.2020
Drawing:
Drawing:
Revision:

EL29





N

2.5 5 10m

REVIEW	DESIGNATION	DATE

Applicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

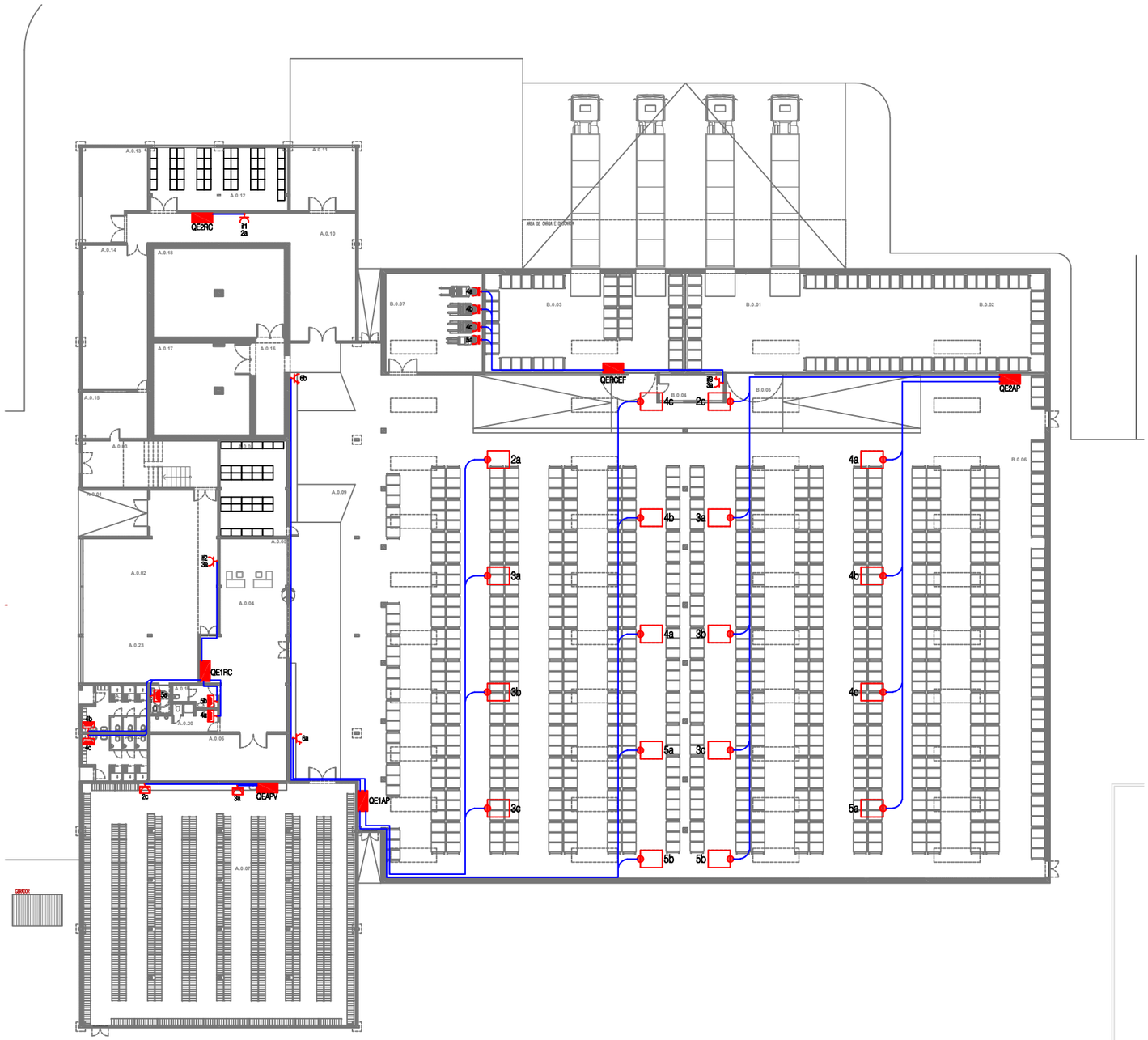
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

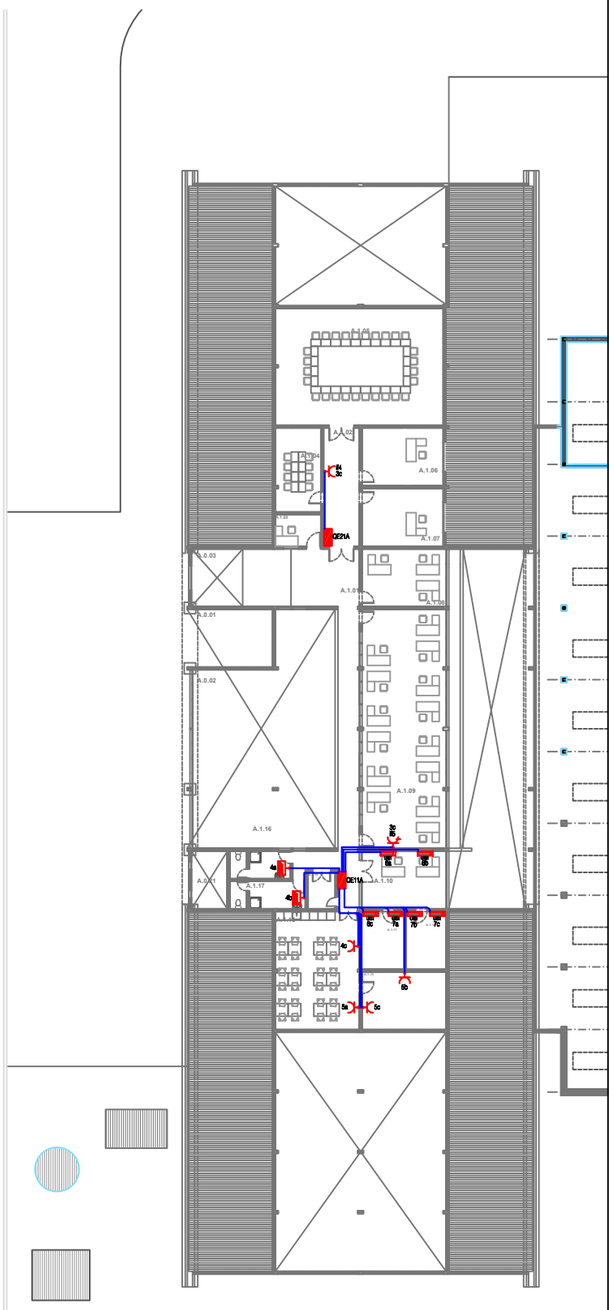
Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity

Drawing: SOCKETS
Main Warehouse General Use Sockets
Electric Circuits

Project Number: Scale: 1:200
Date: SET.2020 Drawing:
Revision:

EL30





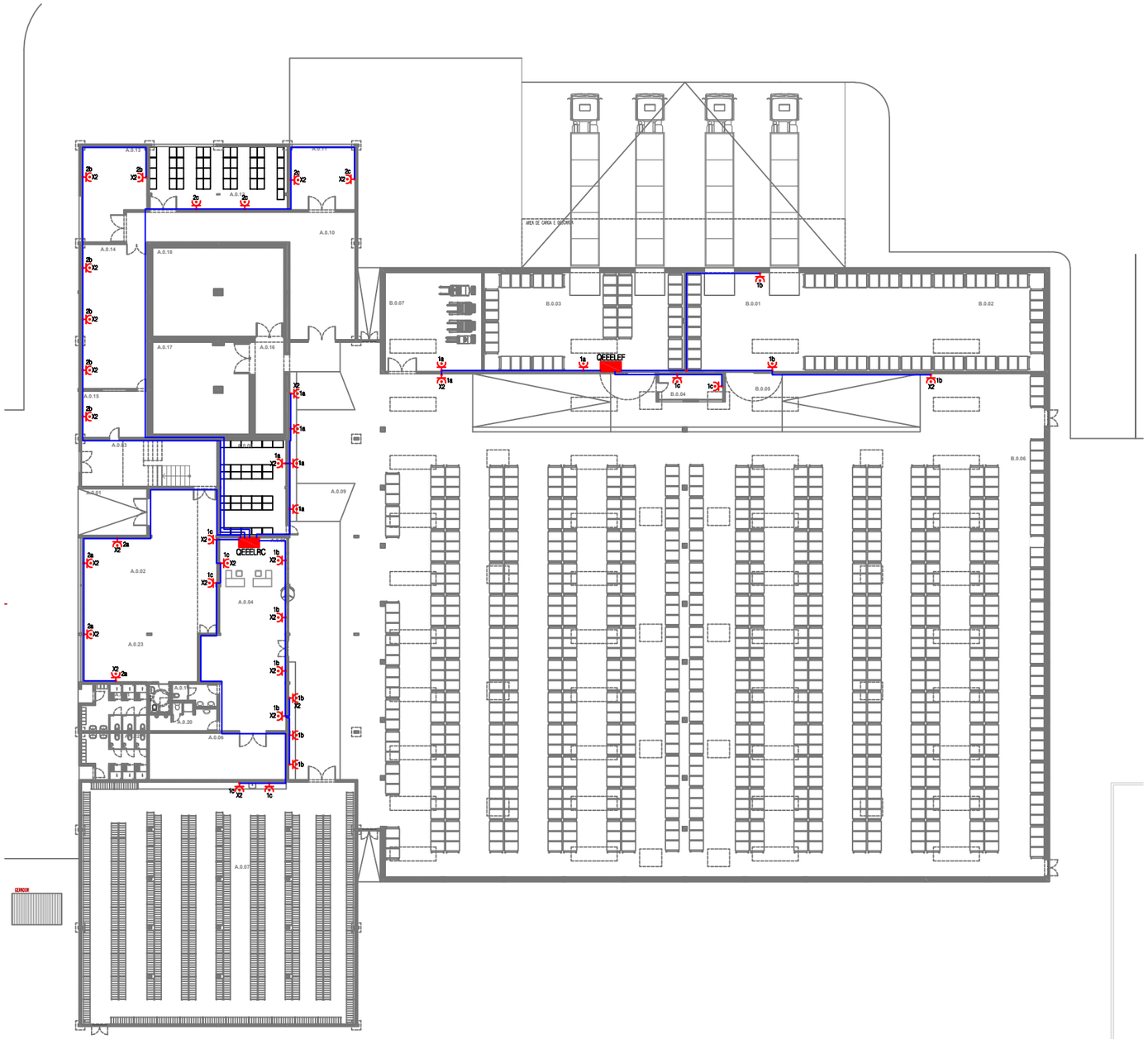
REVISION	DESCRIPTION	DATE

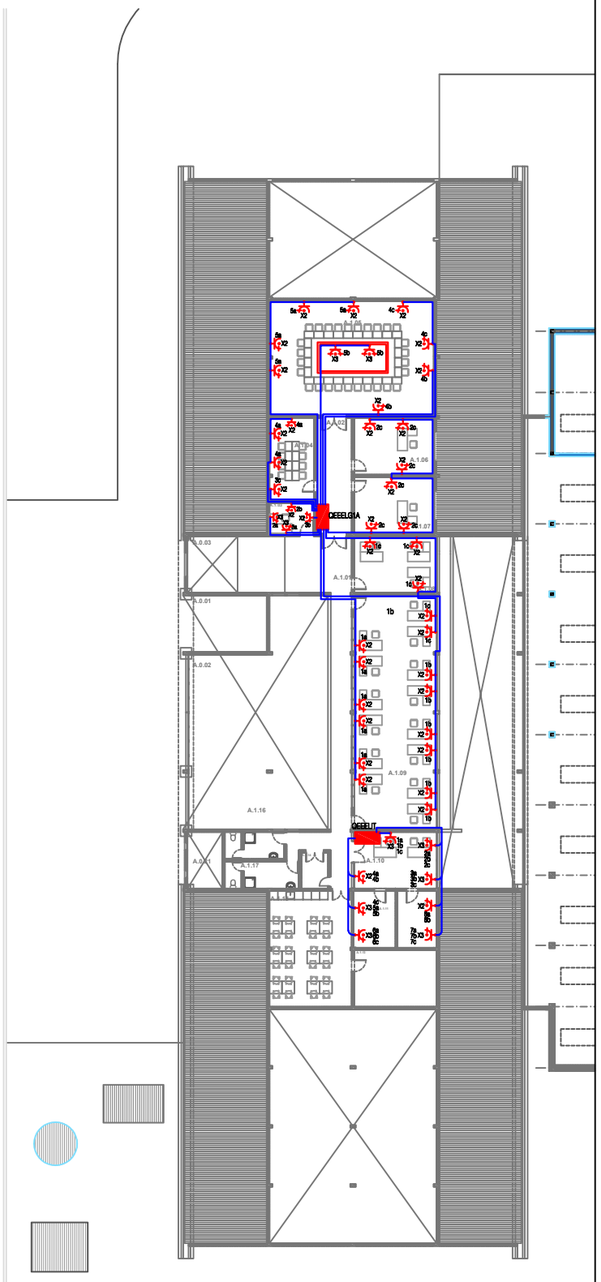
Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 1º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: LOAD CONNECTION
Main Warehouse Several Load Electric Circuits
Project Number:
Scale: 1:200
Date: SET.2020
Drawing:
EL31
Revision:





N

2.5 5 10m

REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 1º ANDAR, SALAS 4 A 6. | C.P. 313 MAPUTO

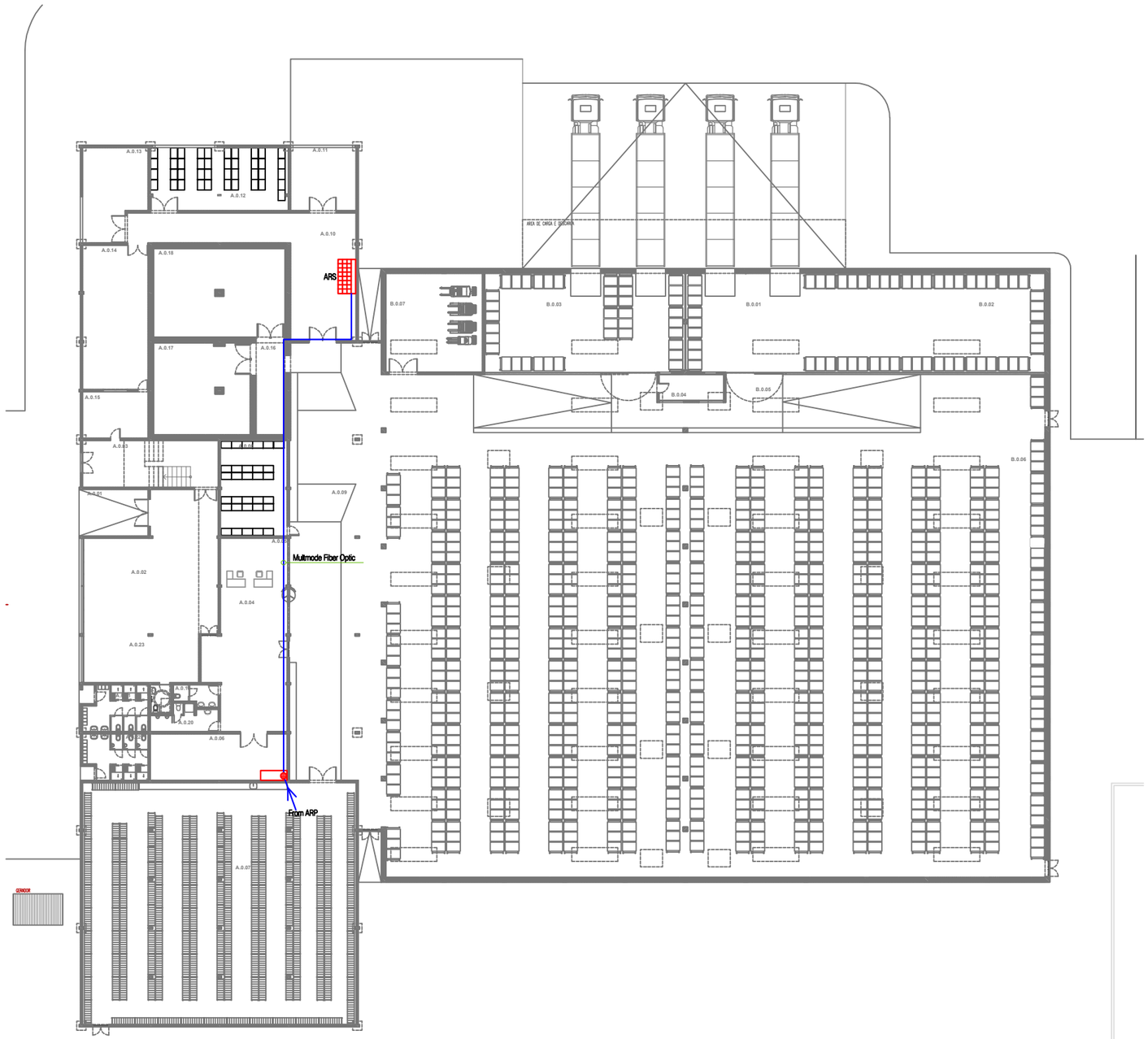
REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

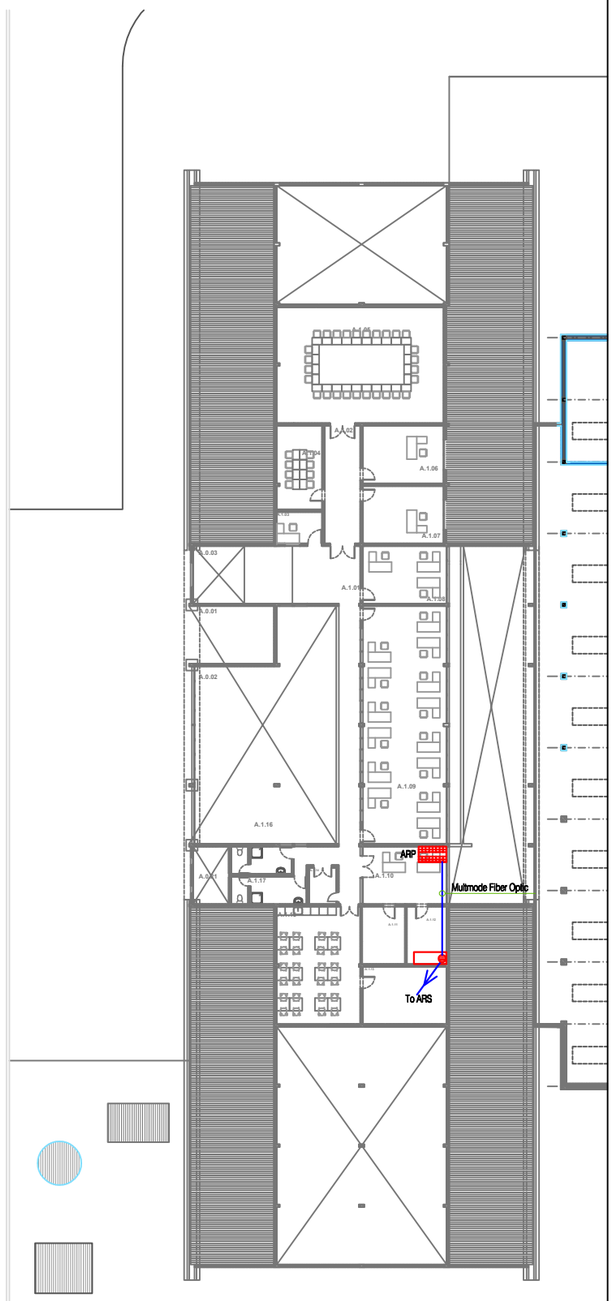
Localiton: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: UPS POWER
Main Warehouse Connection Sockets
Electric Circuits

Project Number: Scale: 1:200
Date: SET.2020 Drawing:
Drawing:
Revision:

EL32





N

2.5 5 10m

REVIEW	DESIGNATION	DATE

Aphoet

UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira

Phase: EXECUTIVE PROJECT

Speciality: Electricity

Drawing: COMMUNICATION

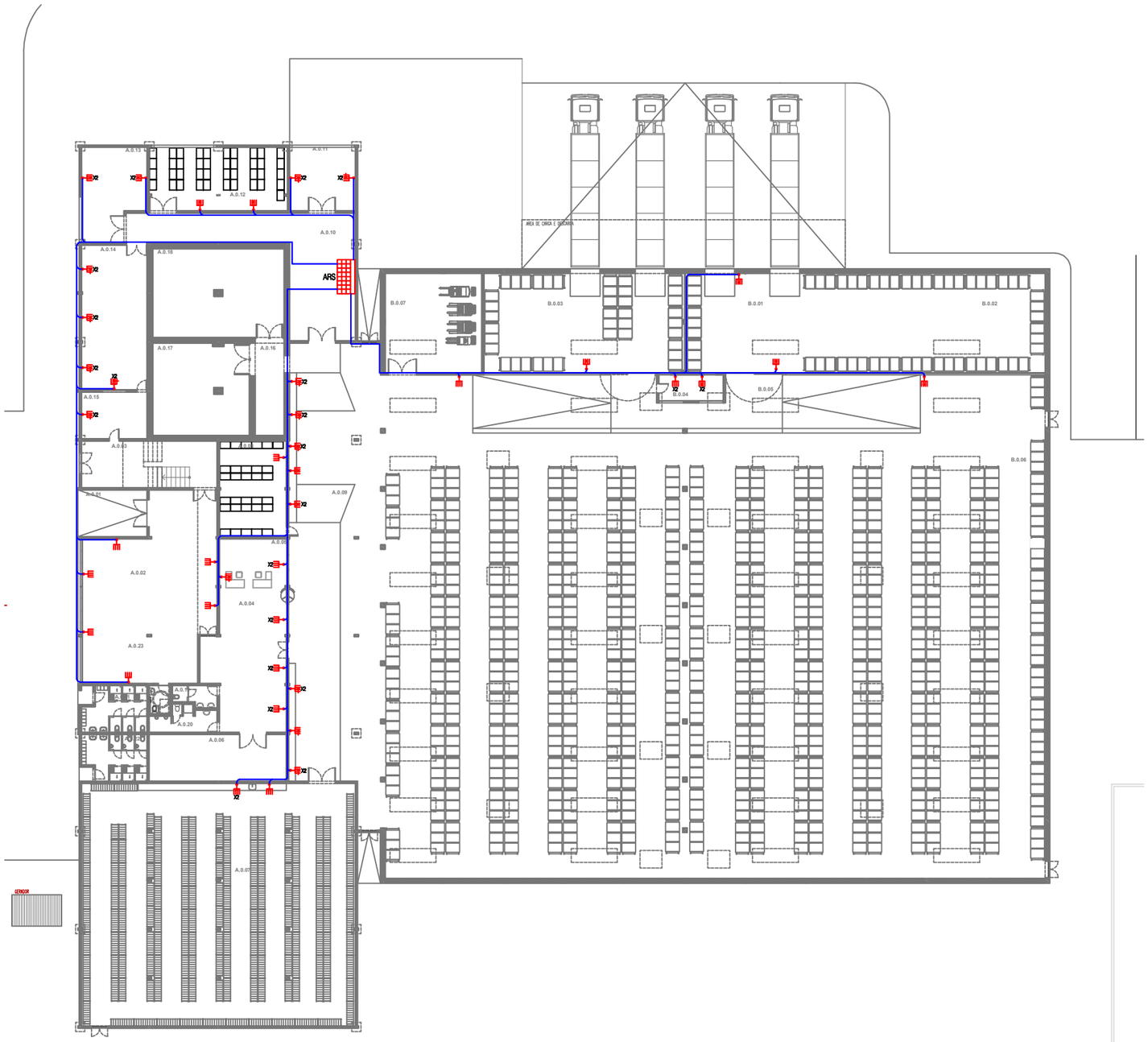
Main Warehouse Fiber Optic Network

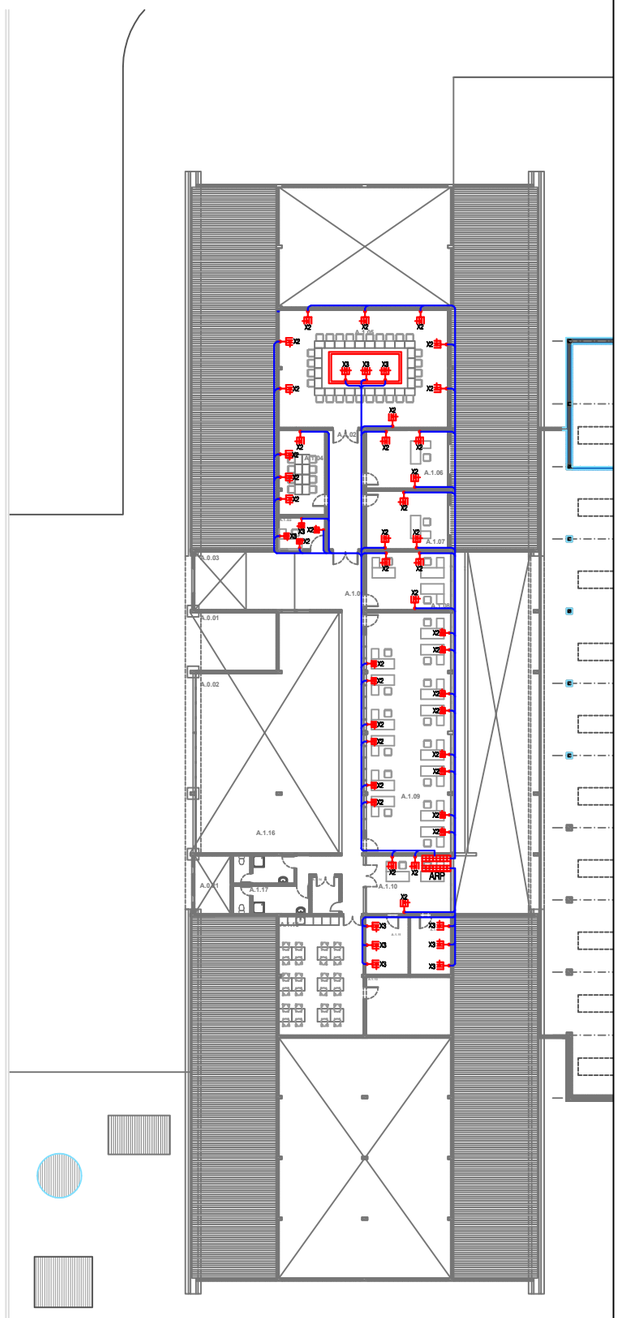
Project Number: Scale: 1:200

Date: SET.2020 Drawing

Revision: EL33

Status:





REVIEW	DESCRIPTION	DATE

Applicant: UNDP Moçambique

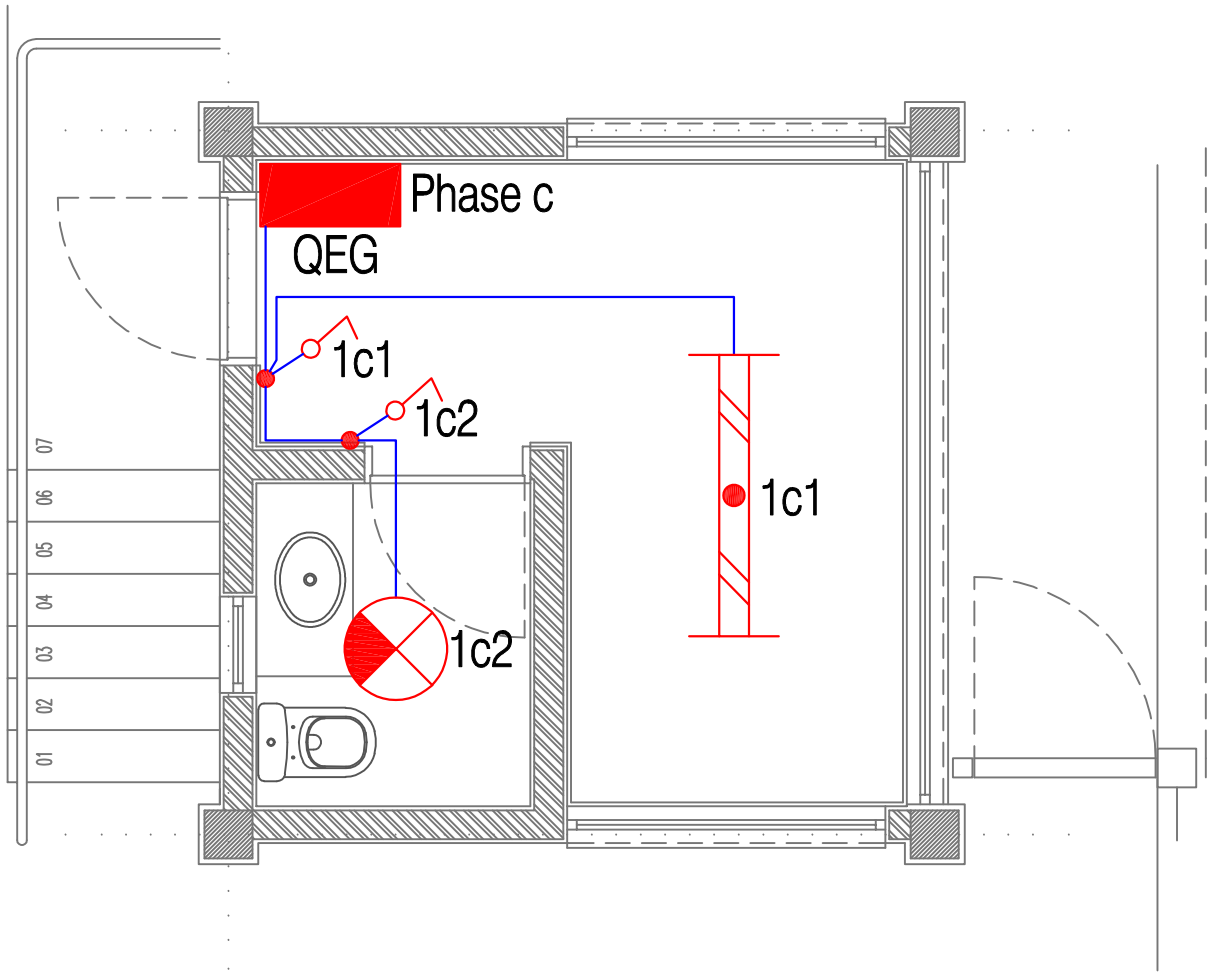
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity
Drawing: COMMUNICATION
Main Warehouse Data and Voice Cell Circuits

Project Number:
Scale: 1:200
Date: SET.2020
Drawing:
Drawing:
Revise:

EL34



REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Beira

EXECUTIVE PROJECT

Electricity

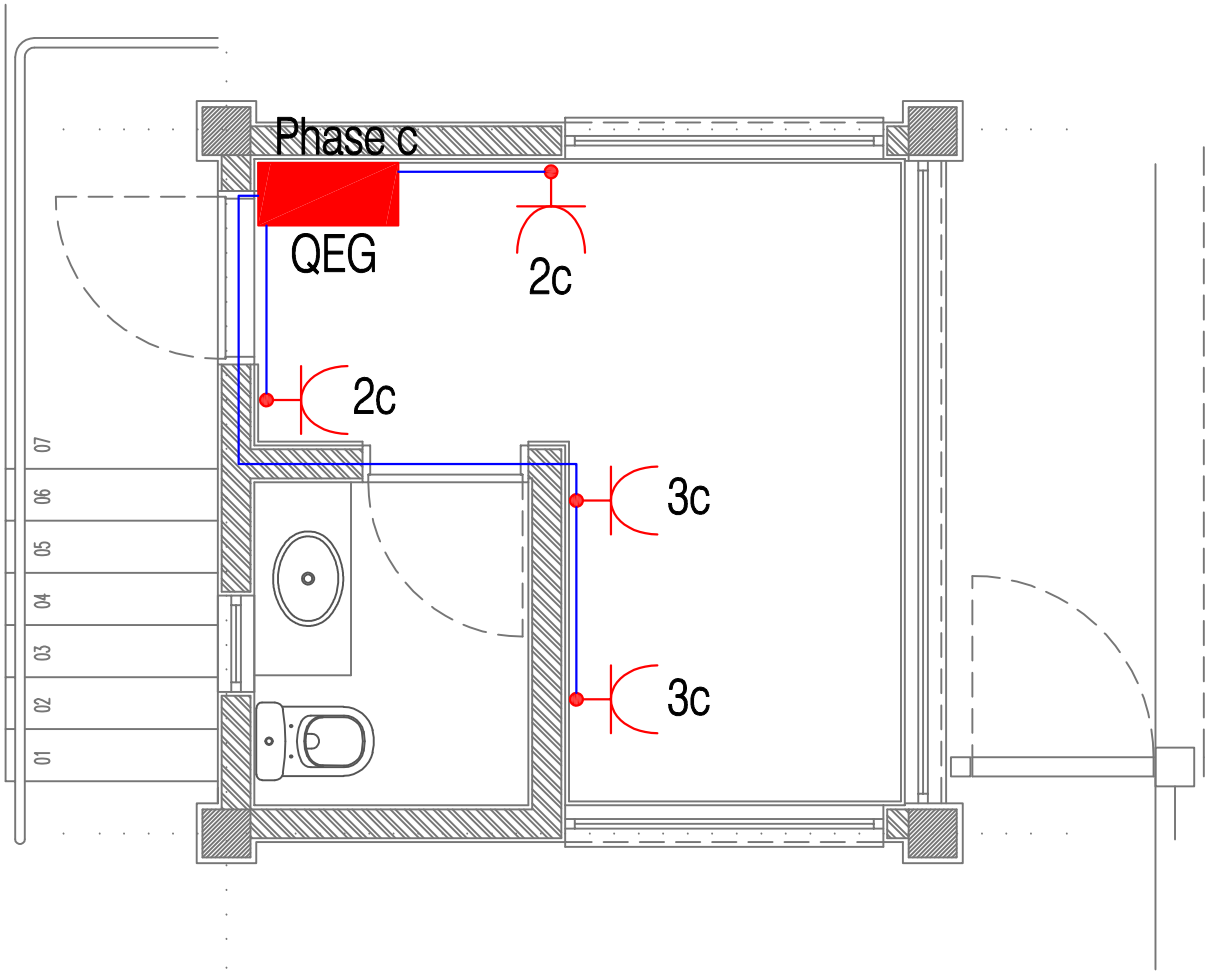
INSIDE LIGHTING

Security House Electric Lighting Circuits

1:50

SET.2020

EL35



STATUS	INFORMATION	DATE

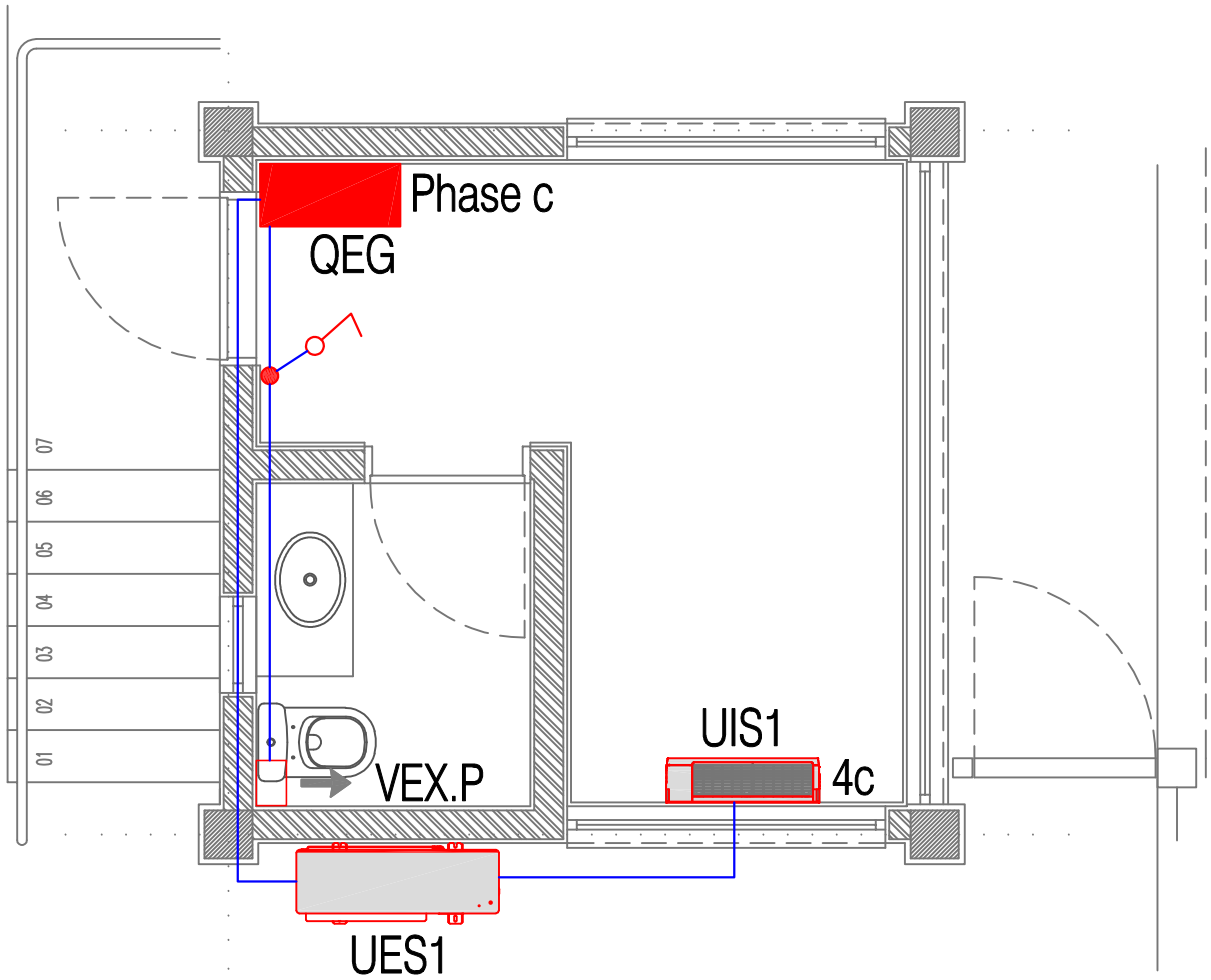
Upload: UNICEF Moçambique

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: SOCKETS
Security House General Use Sockets
Electric Circuits

Detail Number: Scale: 1:50
Date: SET.2020 Drawing:
Revision:
Number: EL36



DATE	DESCRIPTION	NOTE

Client: UNOP Moçambique

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira

Phase: EXECUTIVE PROJECT

Specialty: Electricity

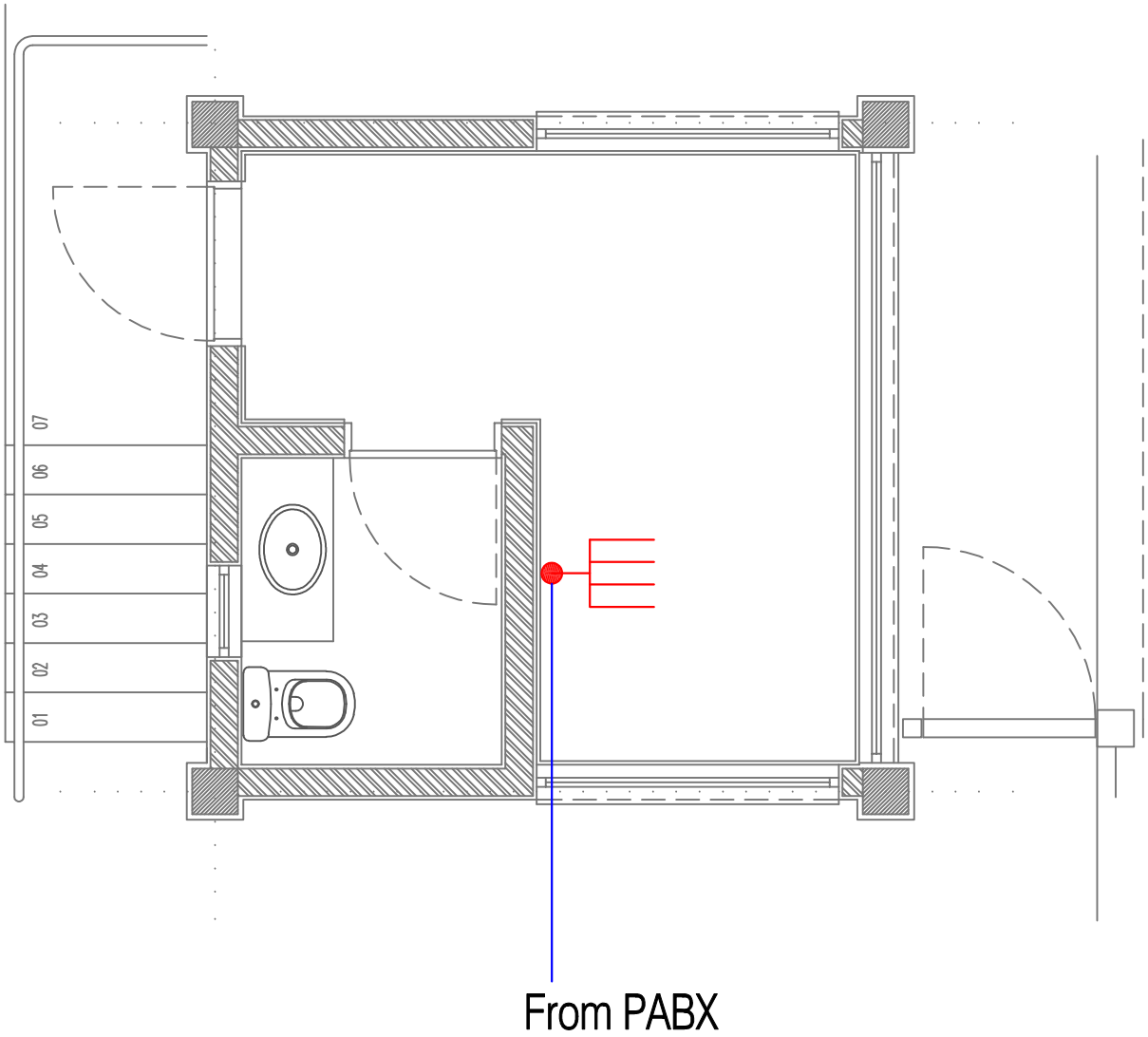
Drawing: AIR CONDITION

Security House Ventilation Electric Circuits

Drawing Number: Scale: 1:50

Date: SET.2020 Revision:

EL37



N

2.5 5 10m

DATE	REVISION	NOTE

Client: UNDP Moçambique

Consultant: [illegible]

R. JOC GUINA, 25 1º ANDAR, SALAS 4 A 6, | C.P. 292 MAPUTO

REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira

Phase: EXECUTIVE PROJECT

Speciality: Electricity

Drawing: COMUNICATION

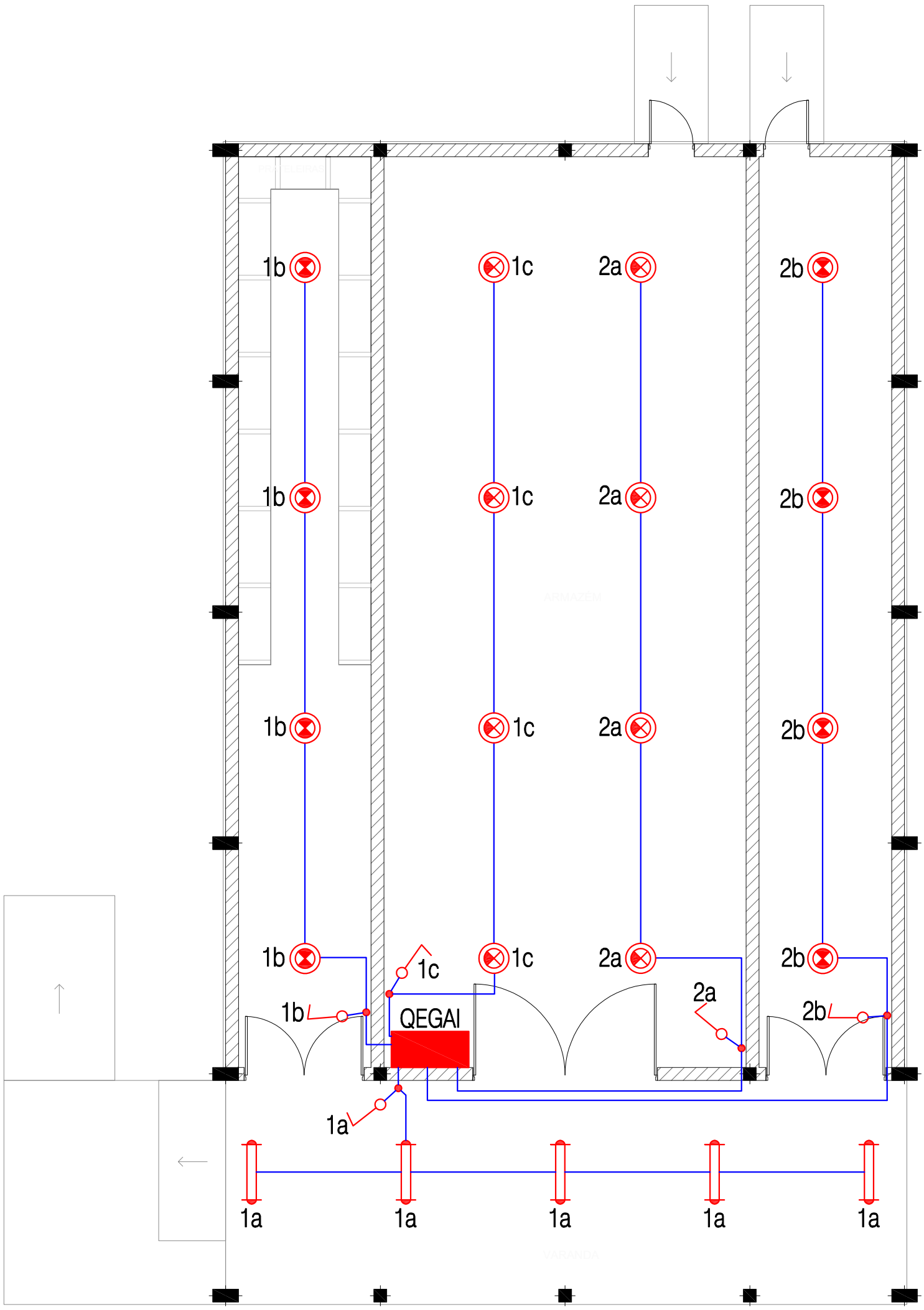
Security House Voice Call Circuits

Detail Number: Scale: 1:50

Date: SET.2020 Drawing:

Revision:

Number: EL38



REVIEW | DESCRIPTION | DATE

Aplicant
UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

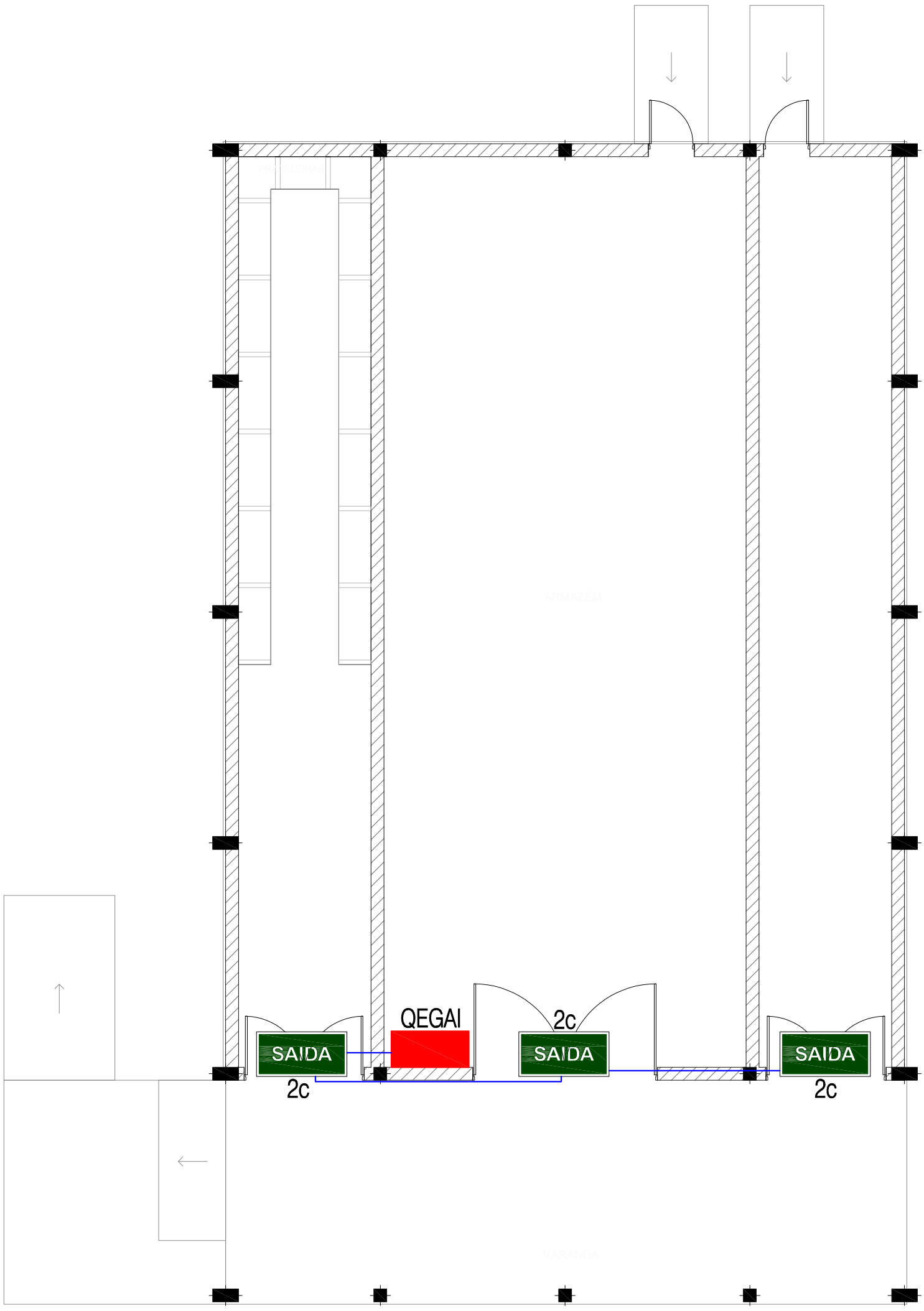
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: INSIDE LIGHTING
Flammable Warehouse Electric Lighting Circuits

Project Number
Scale: 1:100
Date: SET.2020
Drawing
Revision
Status

EL39



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REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

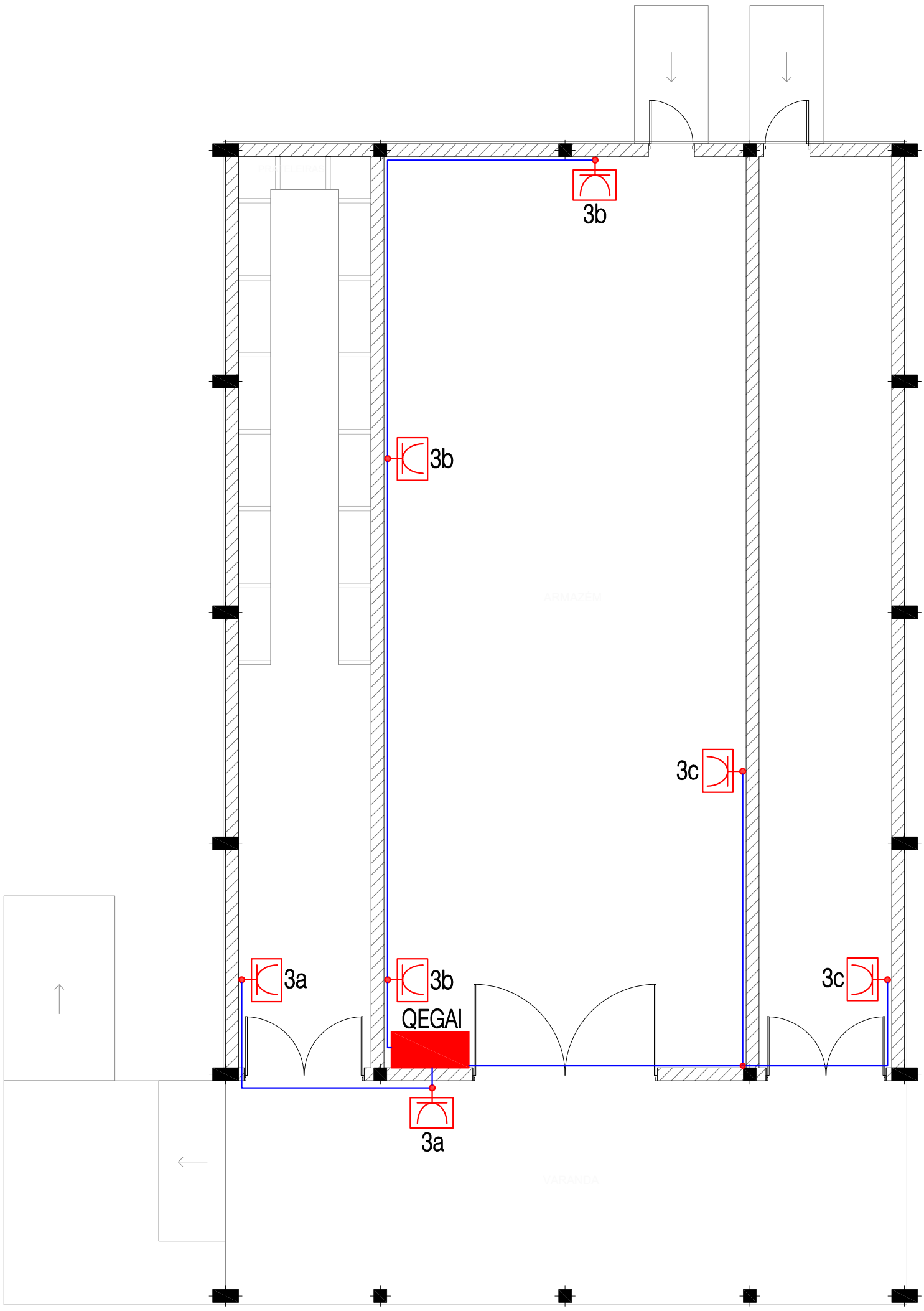
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: SAFETY
Flammable Warehouse Emergency Lighting and Signaline Luminaries Electric Circuits

Project Number:
Scale: 1:100
Date: SET.2020
Drawing:
Revision:
Status:

EL40



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REVIEW	DESCRIPTION	DATE

Aplicant
UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

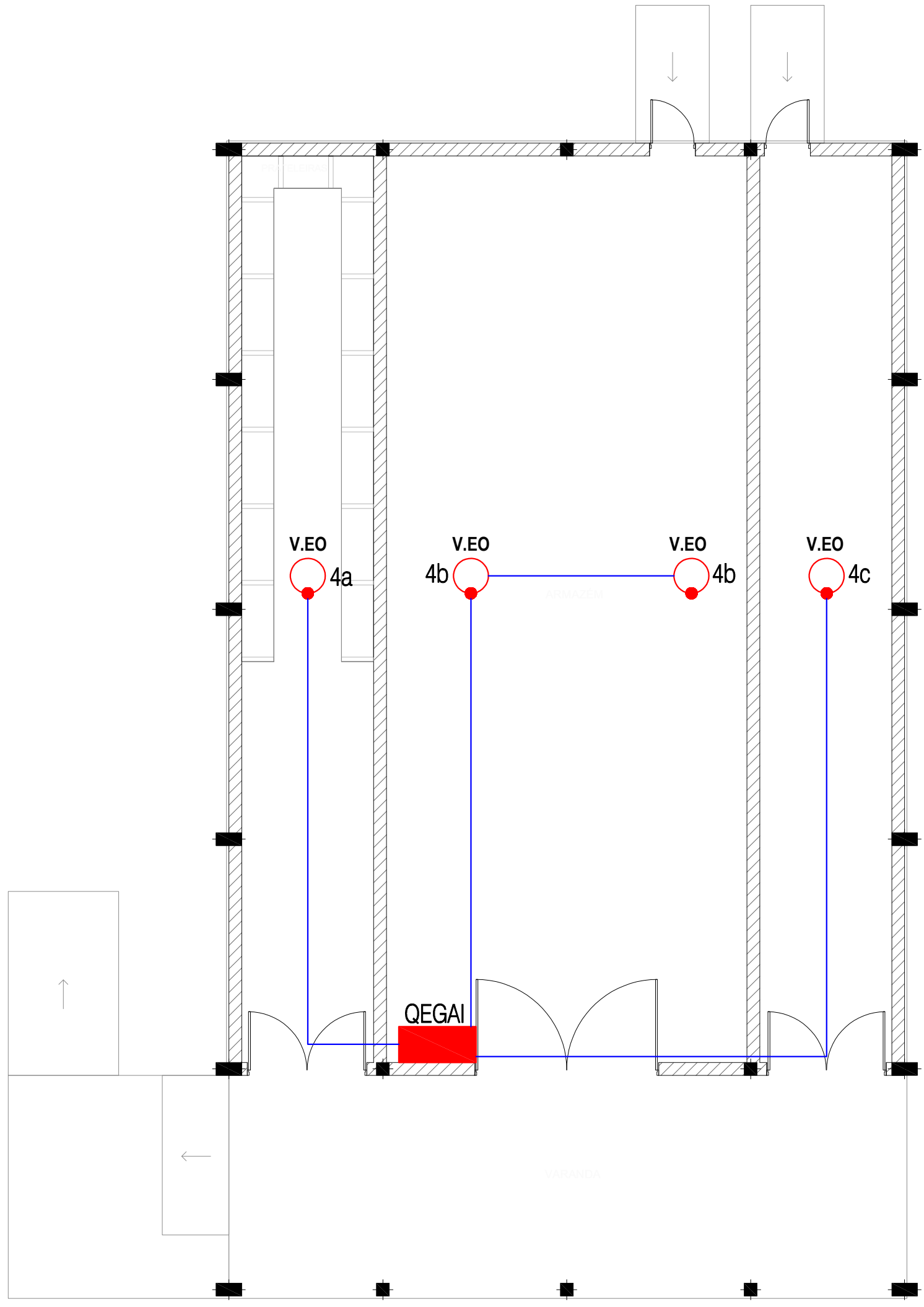
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: SOCKETS
Flammable Warehouse General Use Sockets
Electric Circuits

Project Number:
Scale: 1:100
Date: SET.2020
Drawing:
Revision:
Status:

EL41



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REVIEW	DESCRIPTION	DATE

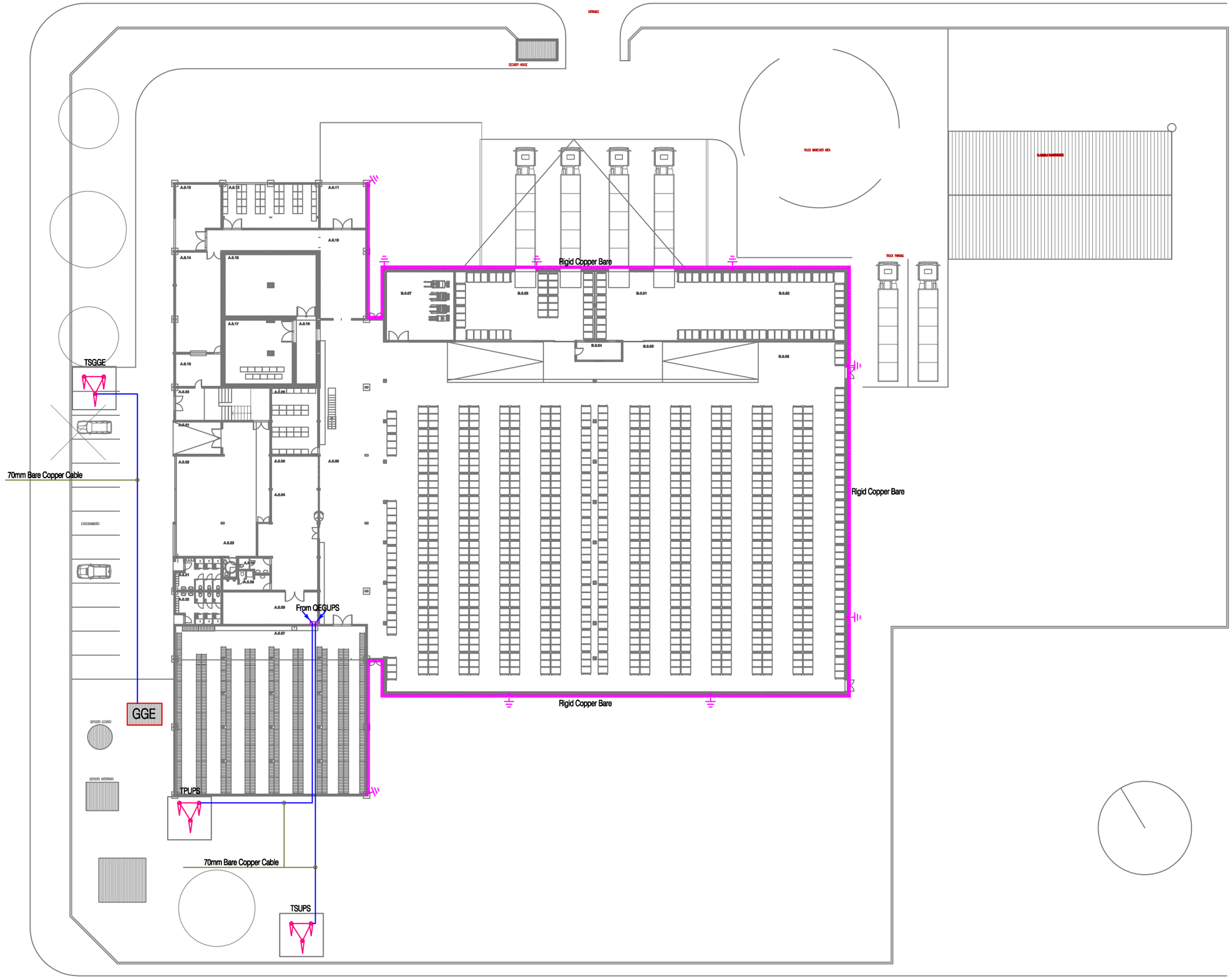
Aplicant
UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: LOAD CONNECTION
Flammable Warehouse Several Load Electric Circuits
Project Number
Scale: 1:100
Date: SET.2020
Drawing:
Drawing:
Review:

EL42



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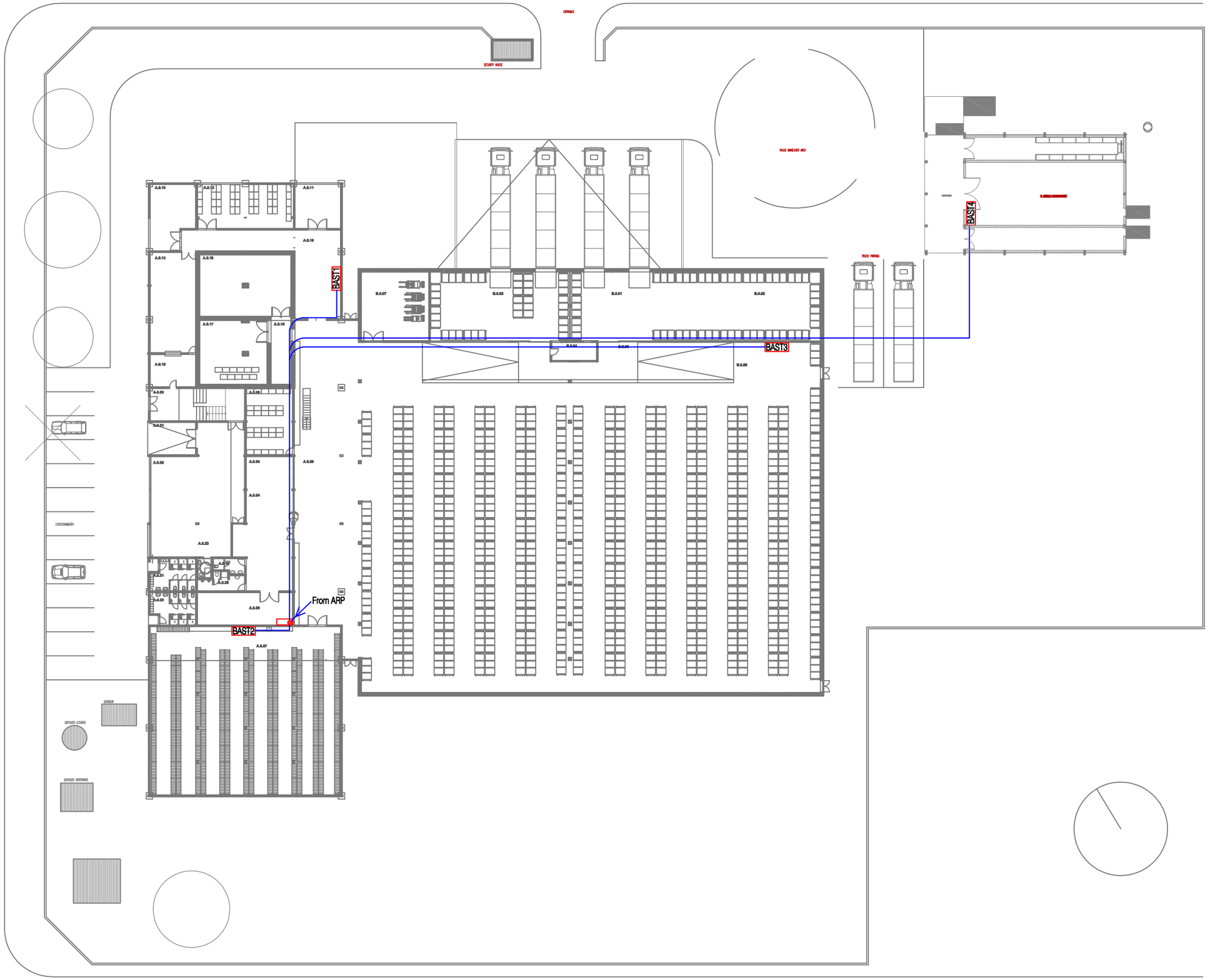
REVIEW	DESIGNATION	DATE

Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: ELECTRICAL SAFETY
Main Warehouse Protection and Service Grounding System
Project Number:
Scale: 1:200
Date: SET.2020
Drawing:
Drawing:
Review:
EL43



N

2.5 5 10m

REVIEW	DESIGNATION	DATE

Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & | C.P. 312 MAPUTO

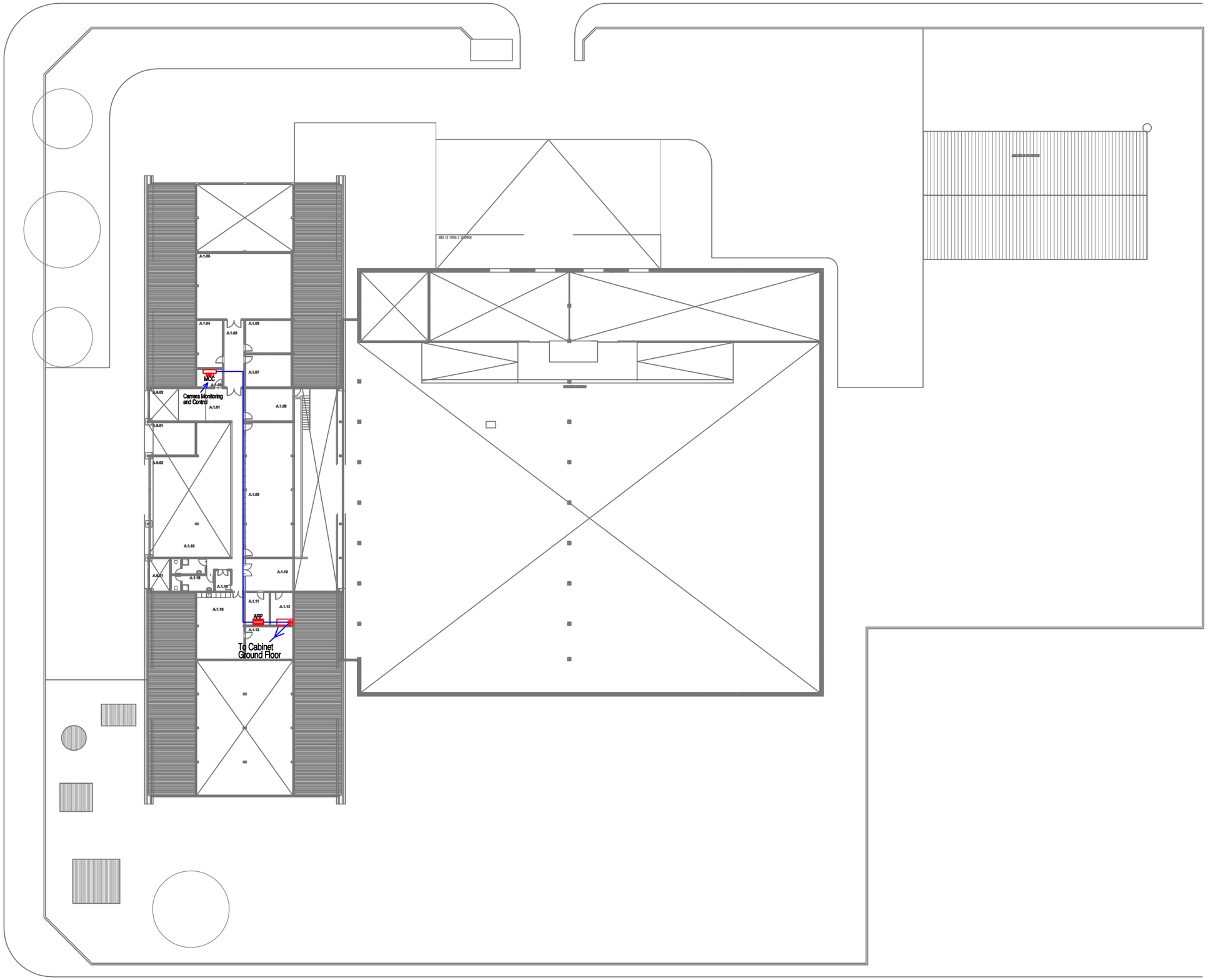
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: ELECTRONIC SAFETY AND DATA COMMUNICATION
Ground Floor Main Warehouse Rack Internet Server Cabinet for Networking Data

Project Number:
Scale: 1:200
Date: SET.2020
Drawing:
Drawing:
Review:

EL44



N

2.5 5 10m

REVIEW	DESCRIPTION	DATE

Aplicant
UNDP Moçambique

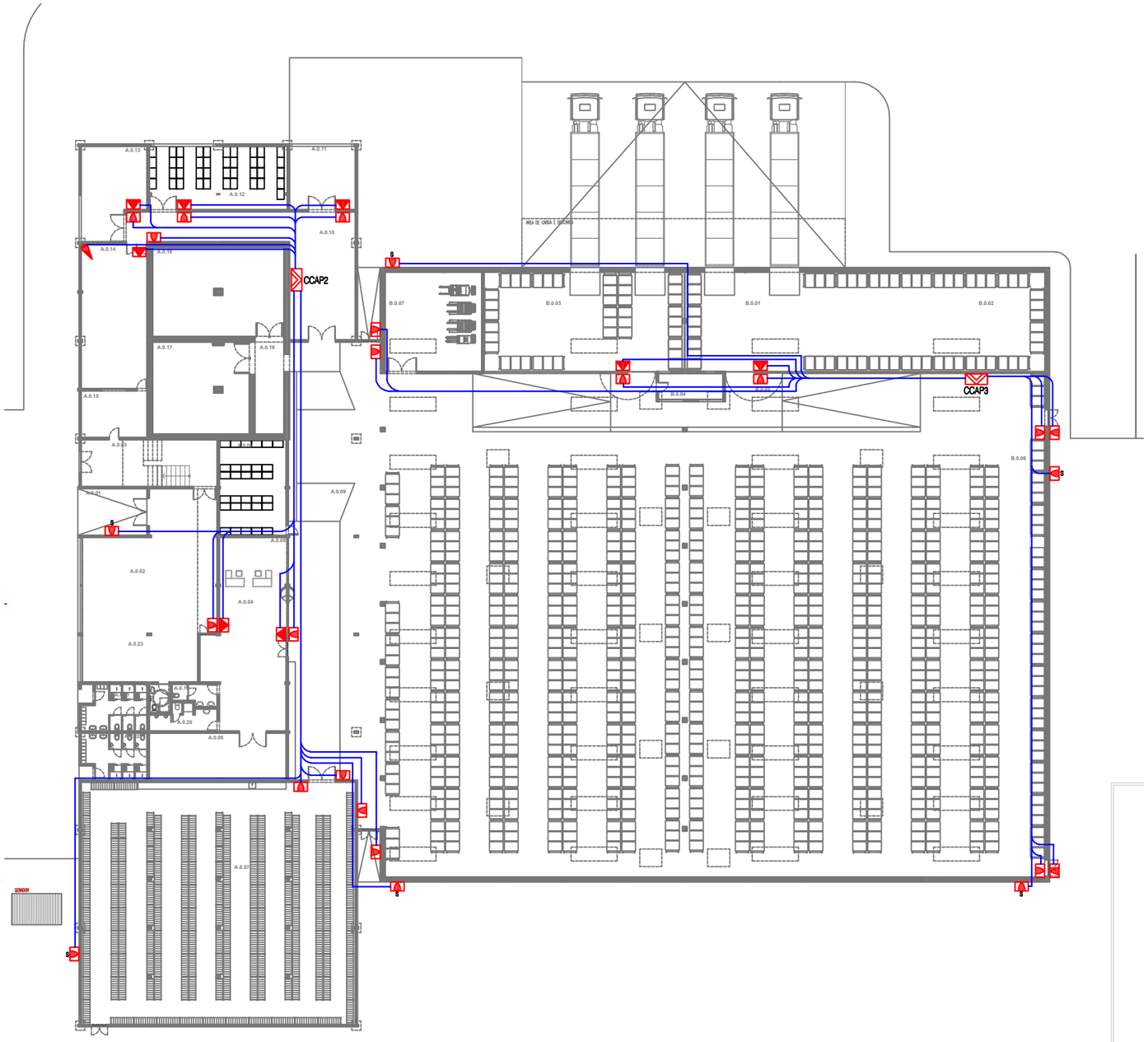
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

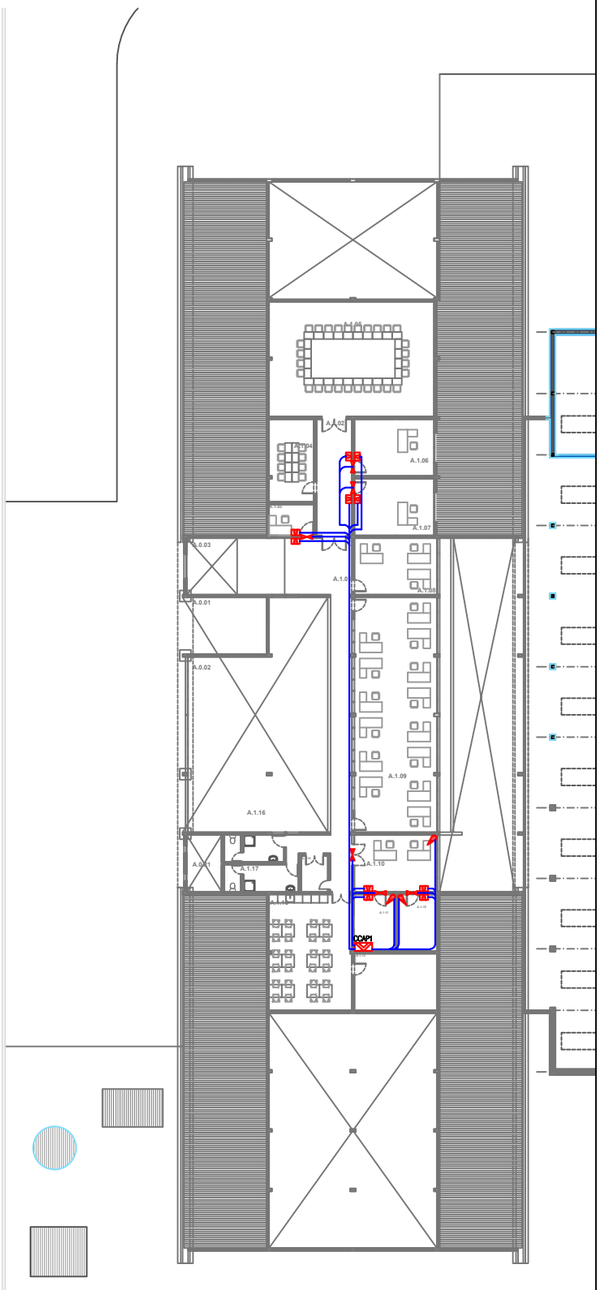
REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: ELECTRONIC SAFETY AND DATA COMMUNICATION
First Floor Main Warehouse Rack Internet
Server Cabinet for Networking Data

Project Number
Scale: 1:200
Date: SET.2020
Drawing
Drawing Number: EL45





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REVISION	DESCRIPTION	DATE

Applicant

UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 8. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira

Phase: EXECUTIVE PROJECT

Specialty: Electricity

Drawing: ACCESS CONTROL SYSTEM

Main Warehouse Doors Control System

Project Number:

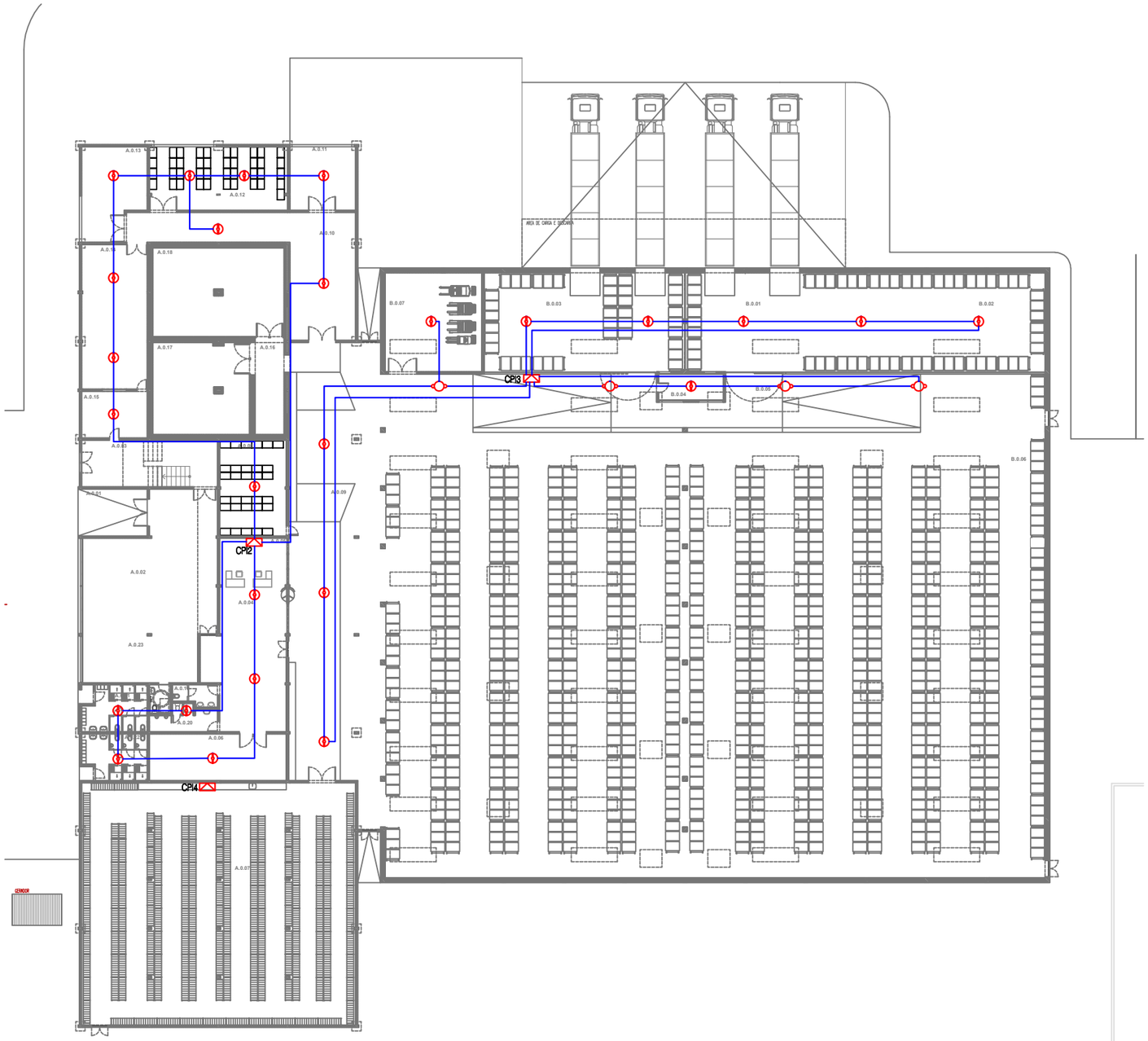
Date: SET.2020

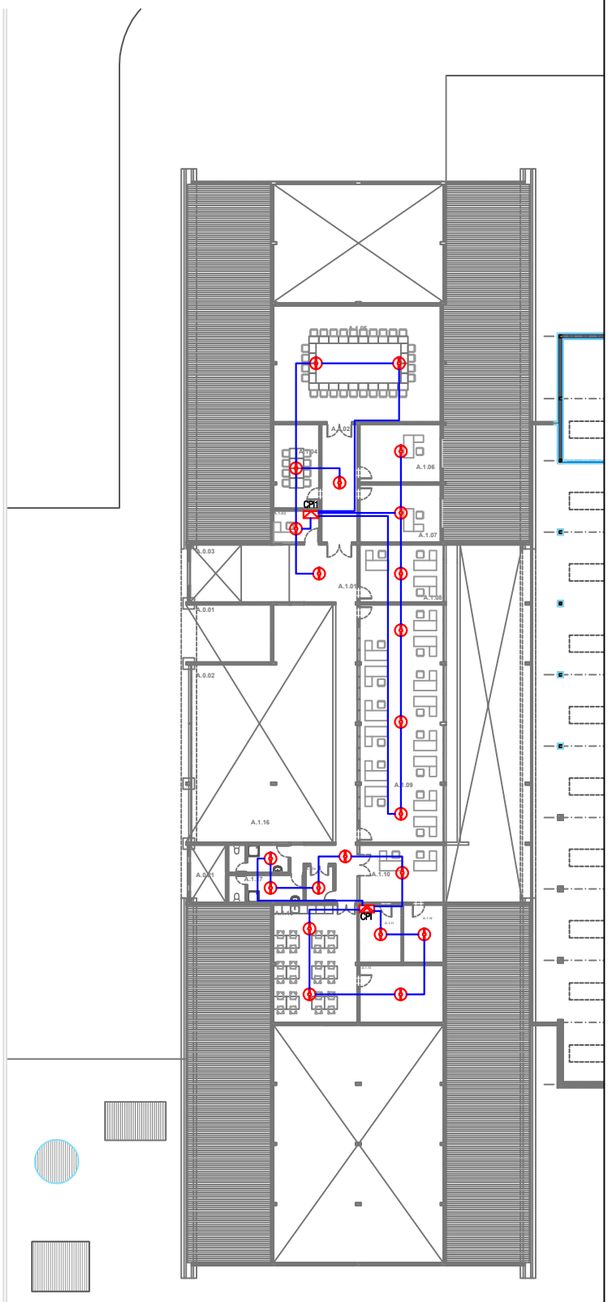
Scale: 1:200

Drawing: EL46

Drawn:

Revision:





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2.5 5 10m

REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6, | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira

Phase: EXECUTIVE PROJECT

Specialty: Electricity

Drawing: FIRE SYSTEM

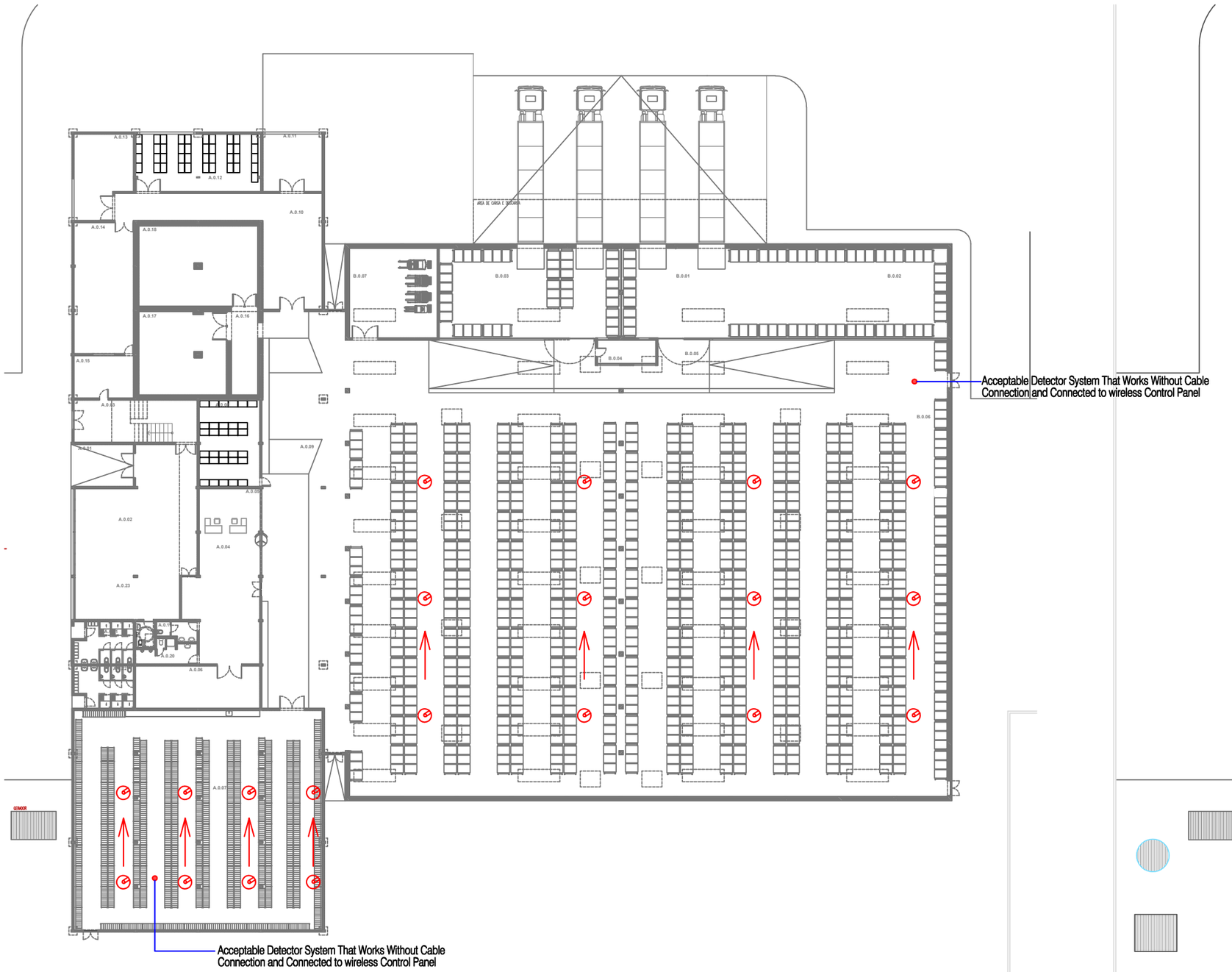
Main Warehouse Offices Ceiling – Mounted Smoke Detectors

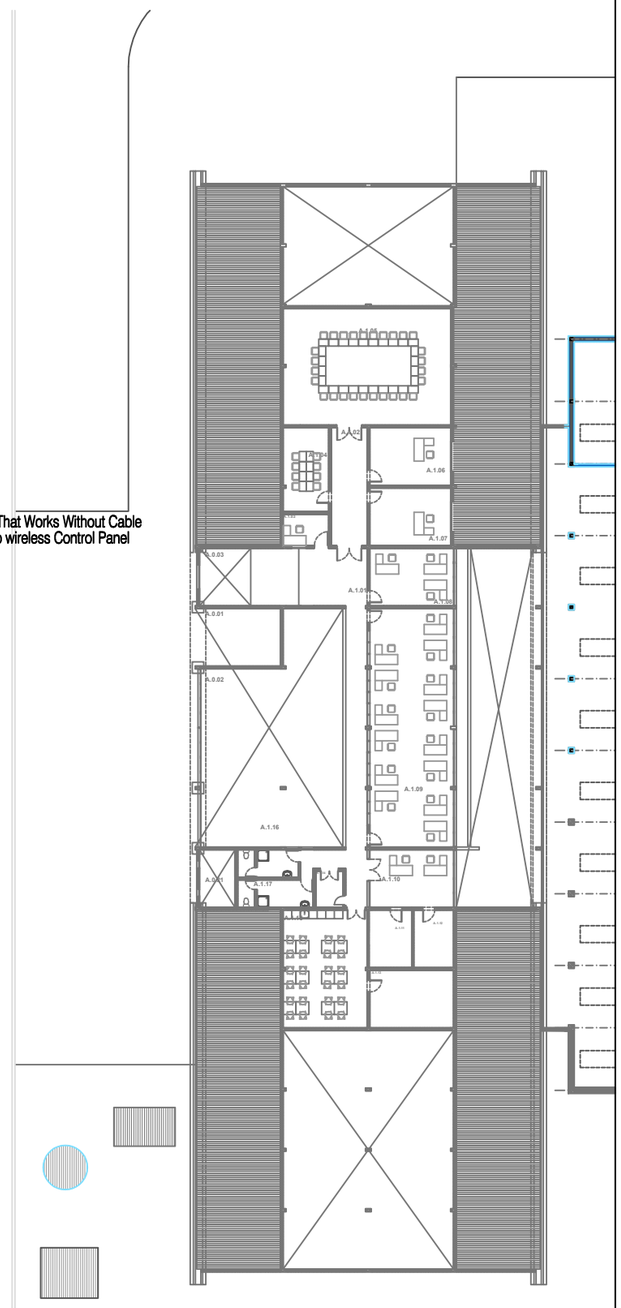
Project Number: Scale: 1:200

Date: SET.2020 Drawing:

Drawing: EL47

Number:





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2.5 5 10m

REVIEW	DESCRIPTION	DATE

Applicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira

Phase: EXECUTIVE PROJECT

Specialty: Electricity

Drawing: FIRE SYSTEM

Main Warehouse Smoke Detectors to Mounted on the Sides of the Rows of Shelves Indicated by the Arrows

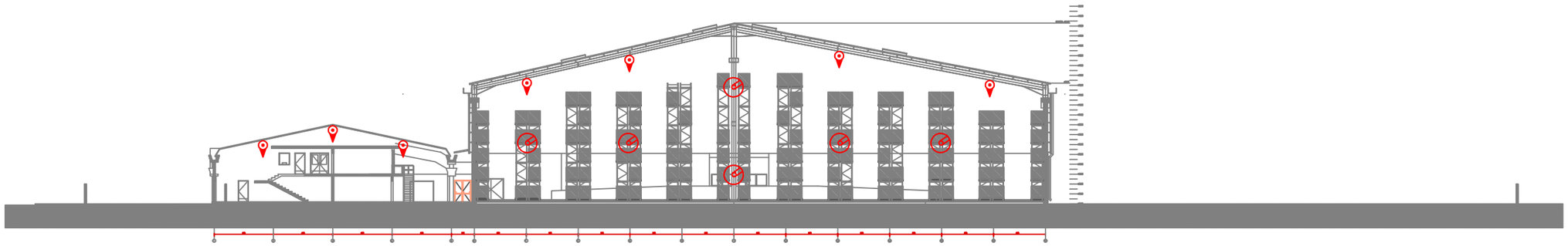
Project Number: Scale: 1:200

Date: SET.2020 Drawing:

Revision:

Revision:

EL48



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REVIEW	DESCRIPTION	DATE

Aplicant:

UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira

Phase: EXECUTIVE PROJECT

Speciality: Electricity

Drawing: FIRE SYSTEM

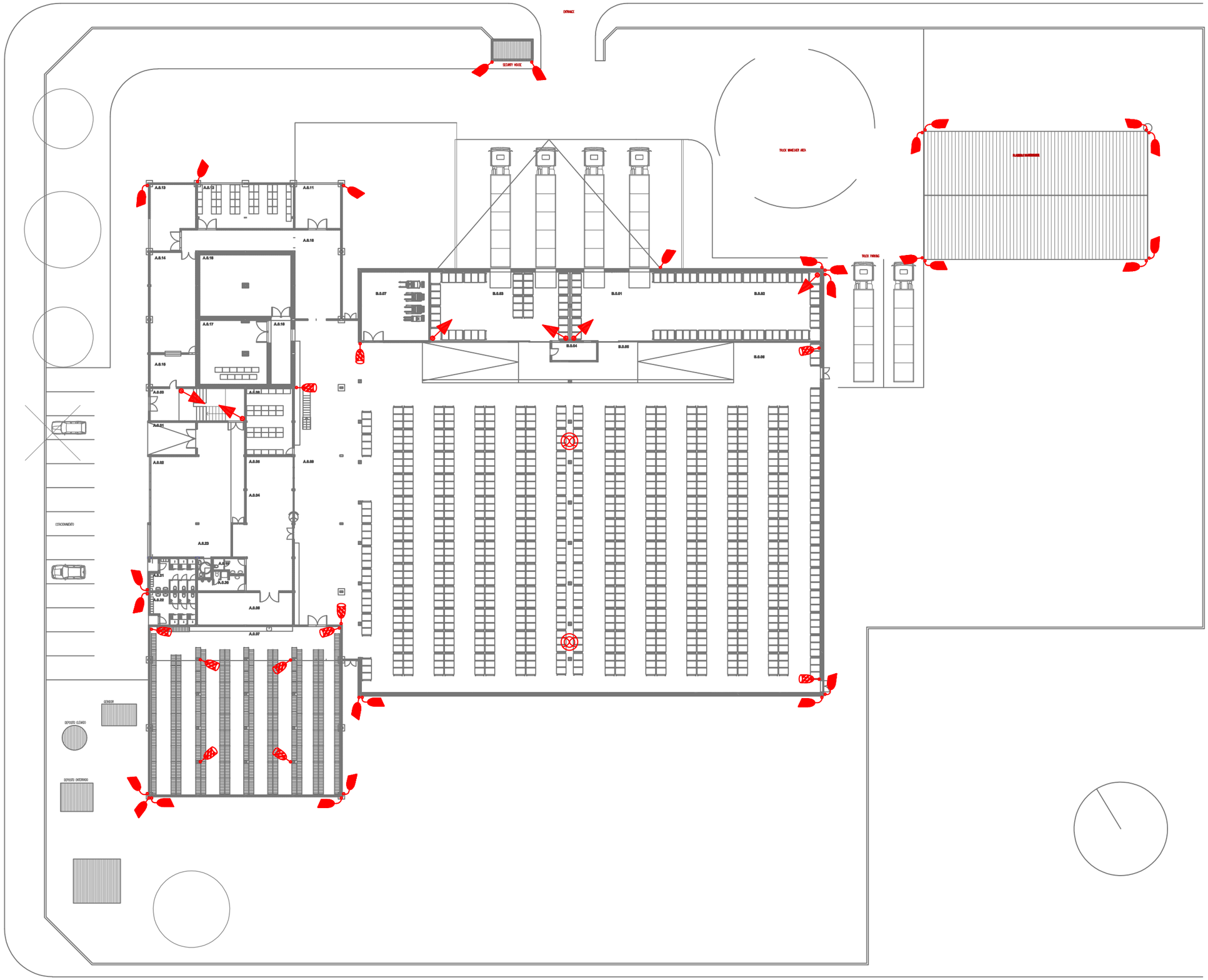
Smoke Detectors to be Mounted on the Ceiling of the Warehouse and on the Side of the Shelves Higher Level as Specified in the Same Warehouse

Project Number: Scale: 1:200

Date: SET.2020 Drawing

Revision: EL49

Author:



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REVIEW	DESIGNATION	DATE

Aplicant: UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & | C.P. 312 MAPUTO

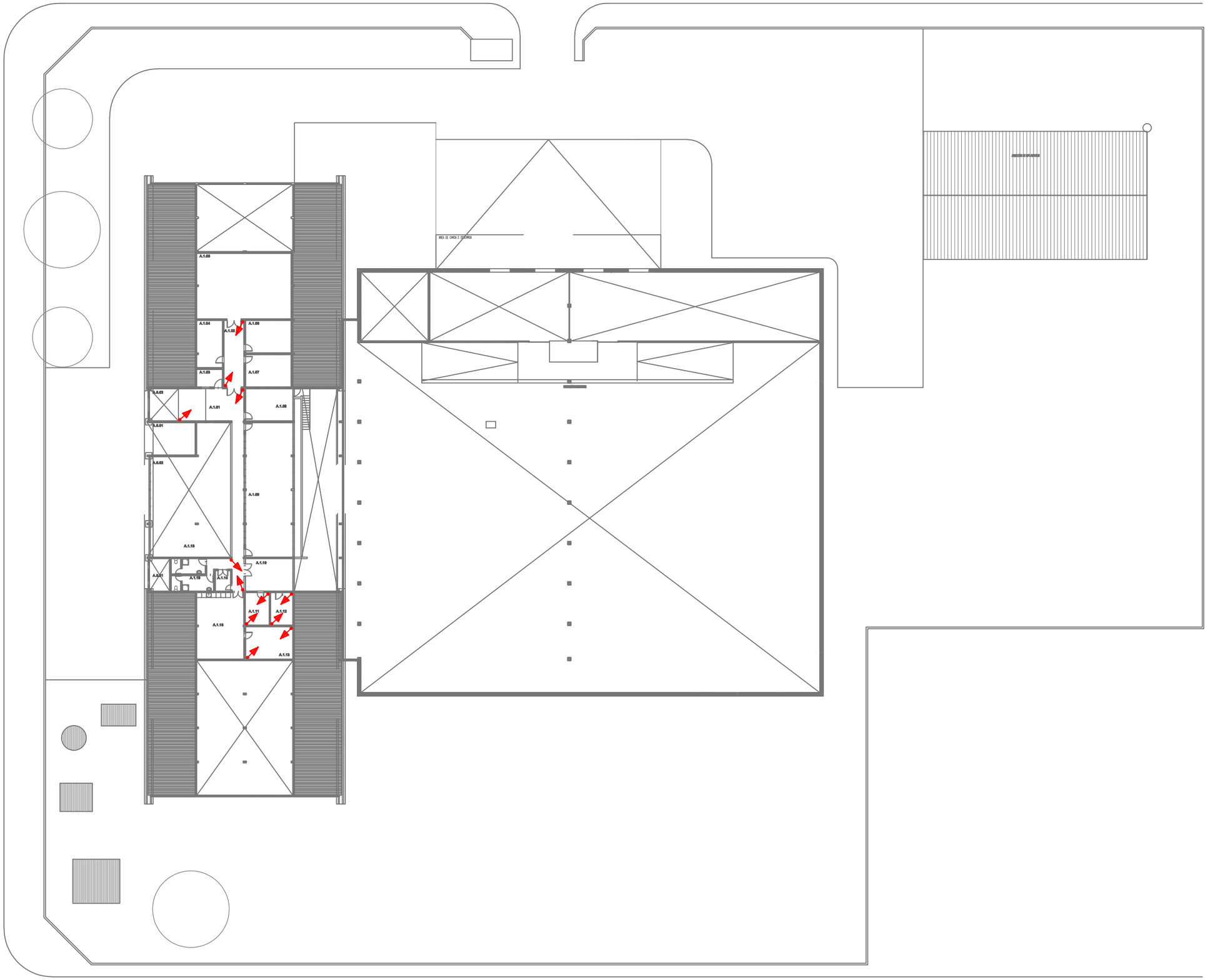
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

Drawing: ELECTRONIC SAFETY
Main Warehouse Ground Floor CCTV System

Project Number:
Scale: 1:200
Date: SET.2020
Drawing:
Drawing:
Review:

EL50



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REVIEW	DESCRIPTION	DATE

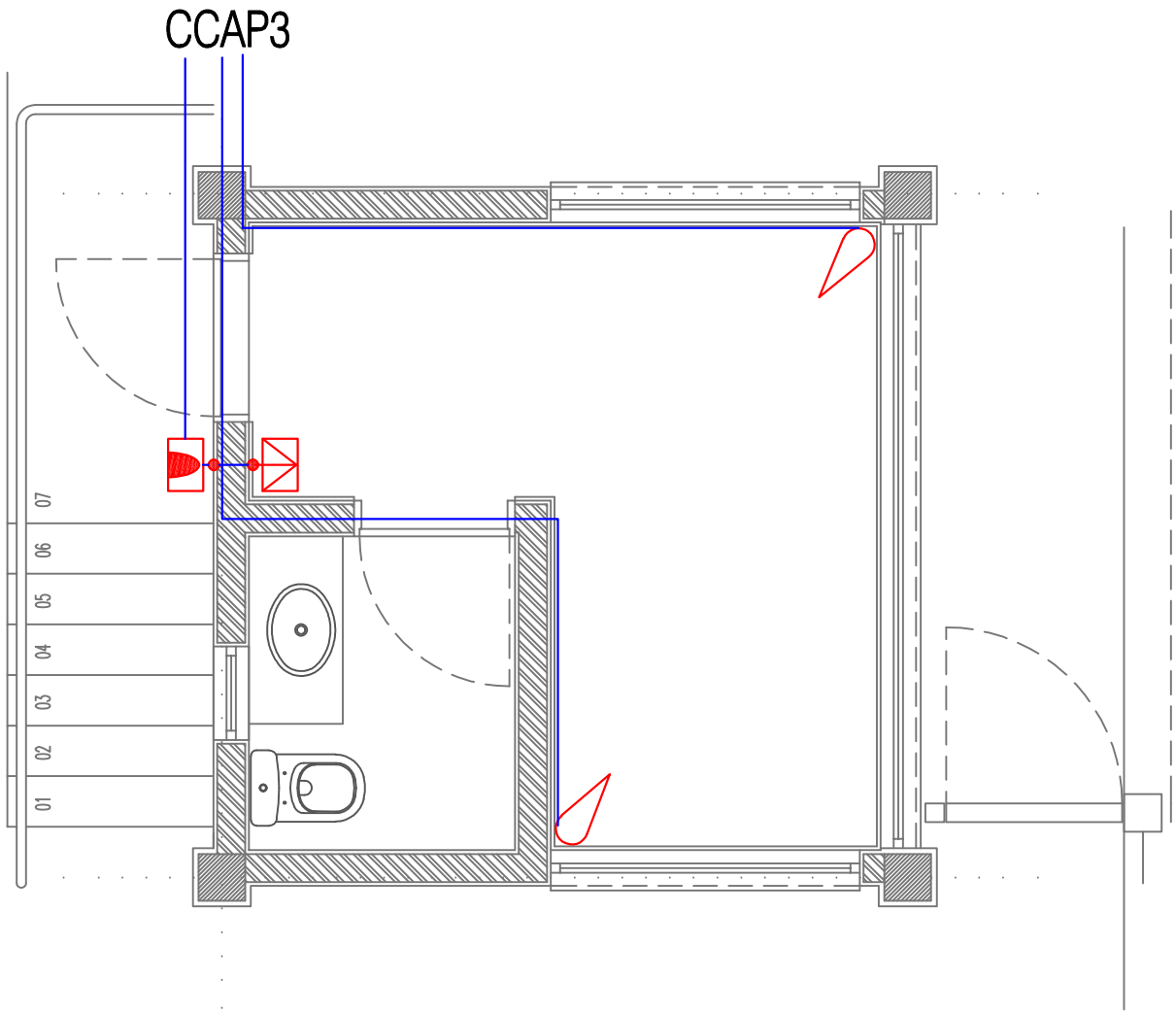
Aplicant
UNDP Moçambique

GABINETE DE ESTUDOS E PROJECTOS
R. JOE SLOVO, 23 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: ELECTRONIC SAFETY
Main Warehouse First Floor CCTV System

Project Number
Scale: 1:200
Date: SET.2020
Drawing
Drawing: EL51
Author



DATE	DESCRIPTION	DATE

Client: UNDP Moçambique

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira

Phase: EXECUTIVE PROJECT

Specialty: Electricity

Drawing: ACCESS CONTROL SYSTEM

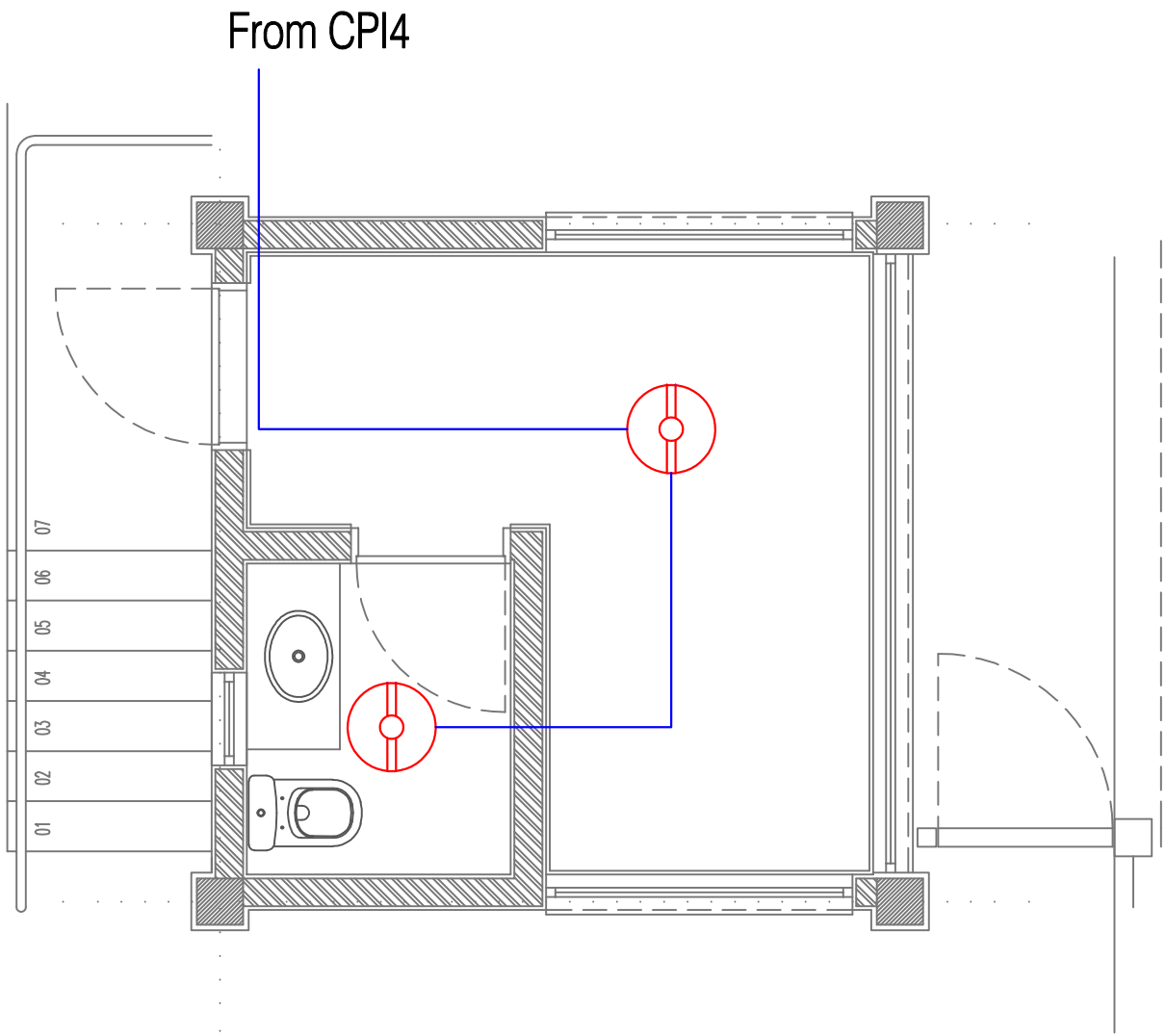
Security House Doors Control System

Detail Number: Scale: 1:50

Date: SET.2020 Drawing:

Revision:

Number: EL52



REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Beira

EXECUTIVE PROJECT

Electricity

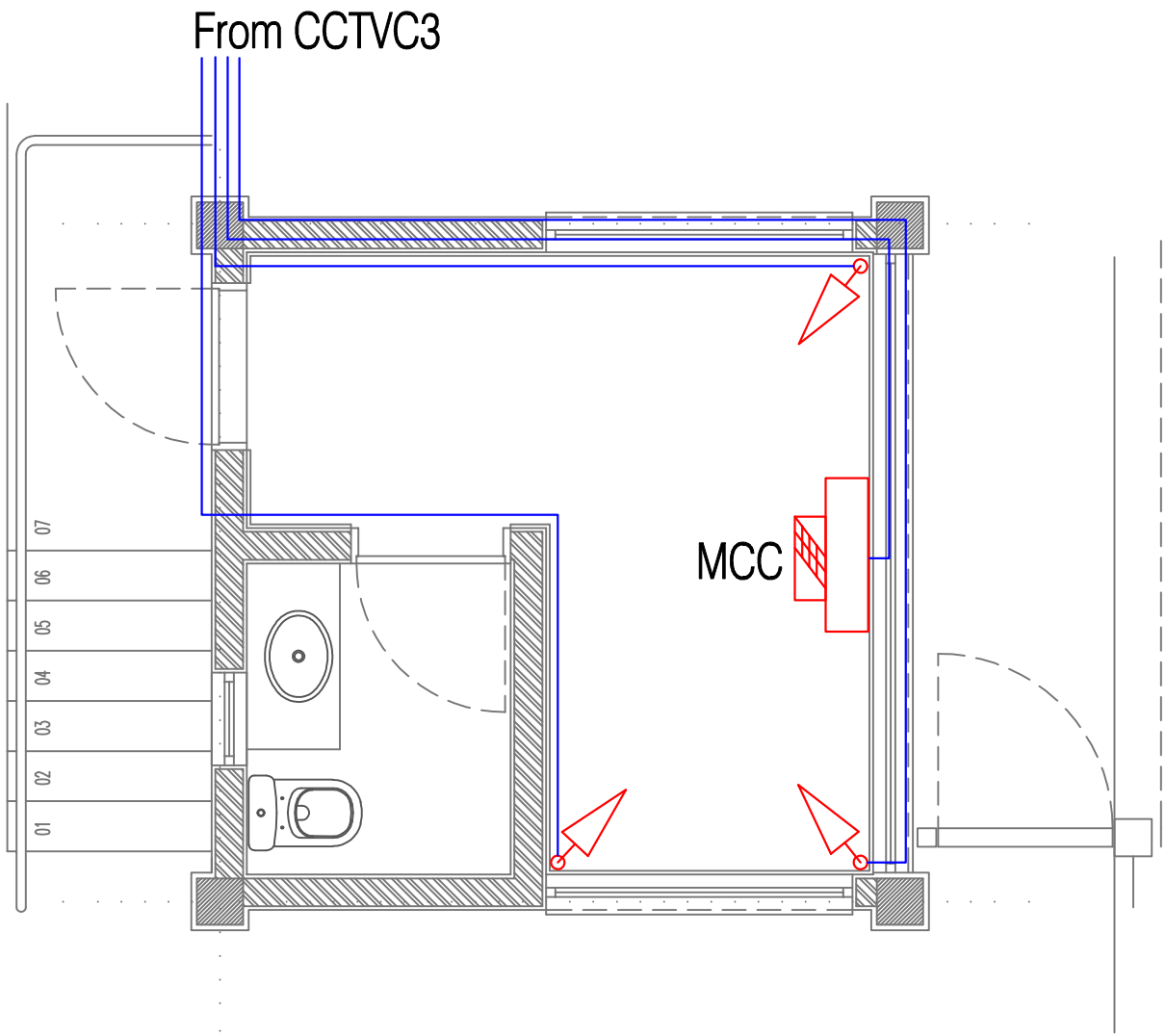
FIRE SYSTEM

Security House Smoke Detectors

1:50

SET.2020

EL53



REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Beira

EXECUTIVE PROJECT

Electricity

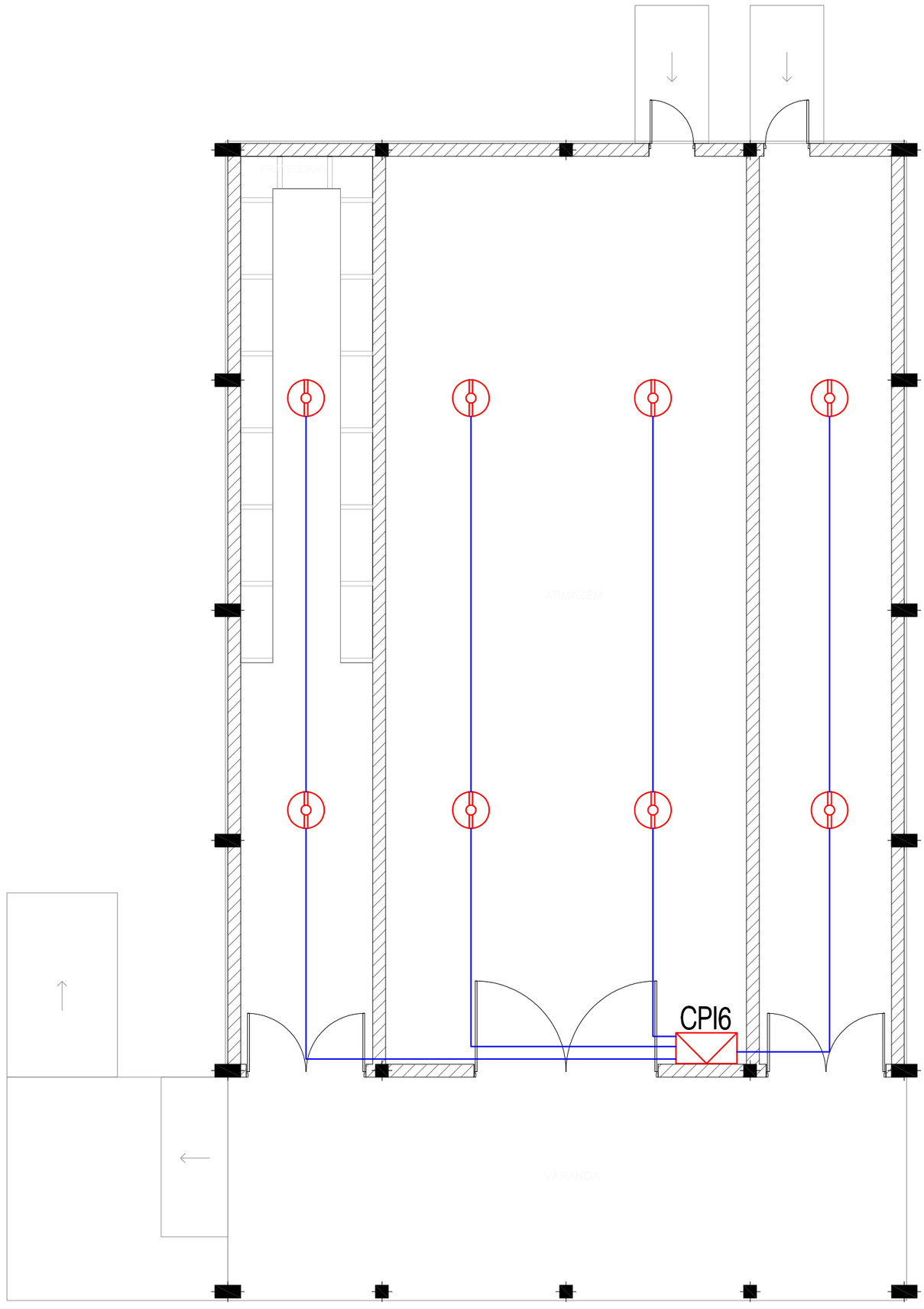
ELECTRONIC SAFETY

Security House CCTV System

1:50

SET.2020

EL54



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REVER	DESCRIPTION	DATE

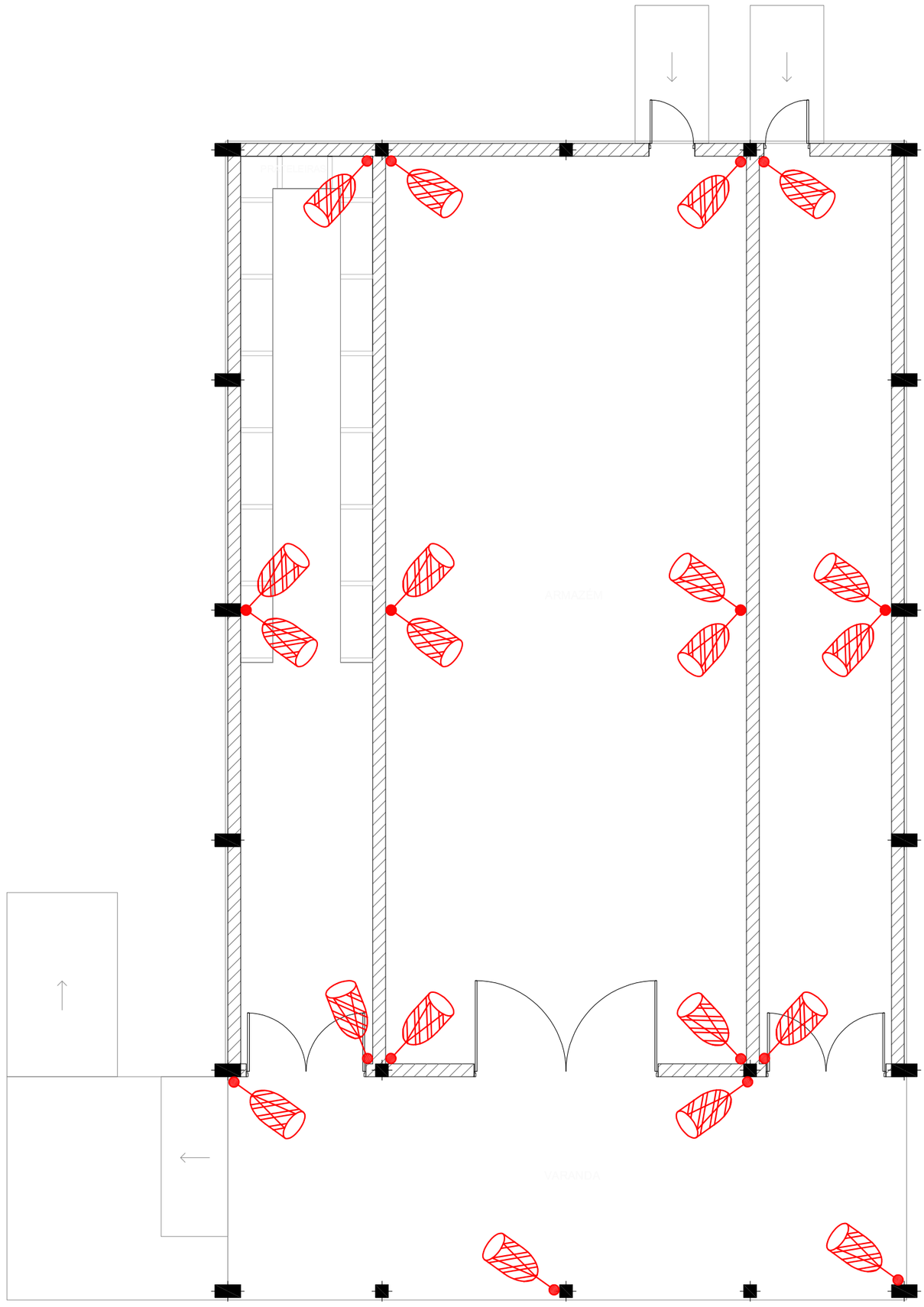
Agent: UNDP Moçambique

PHOENIXUL DESIGN
ARQUITECTURA ESTUDOS PROJECTOS

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6, | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity
Drawing: FIRE SYSTEM
Flammable Warehouse Smoke Detectors
Project Number:
Scale: 1:100
Date: SET.2020
Drawing Number: EL55
Author:



N

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REVER	DESCRIÇÃO	DATE

Aplicant: UNDP Moçambique

PHOENIXUL DESIGN
ARQUITECTURA ENGENHARIA

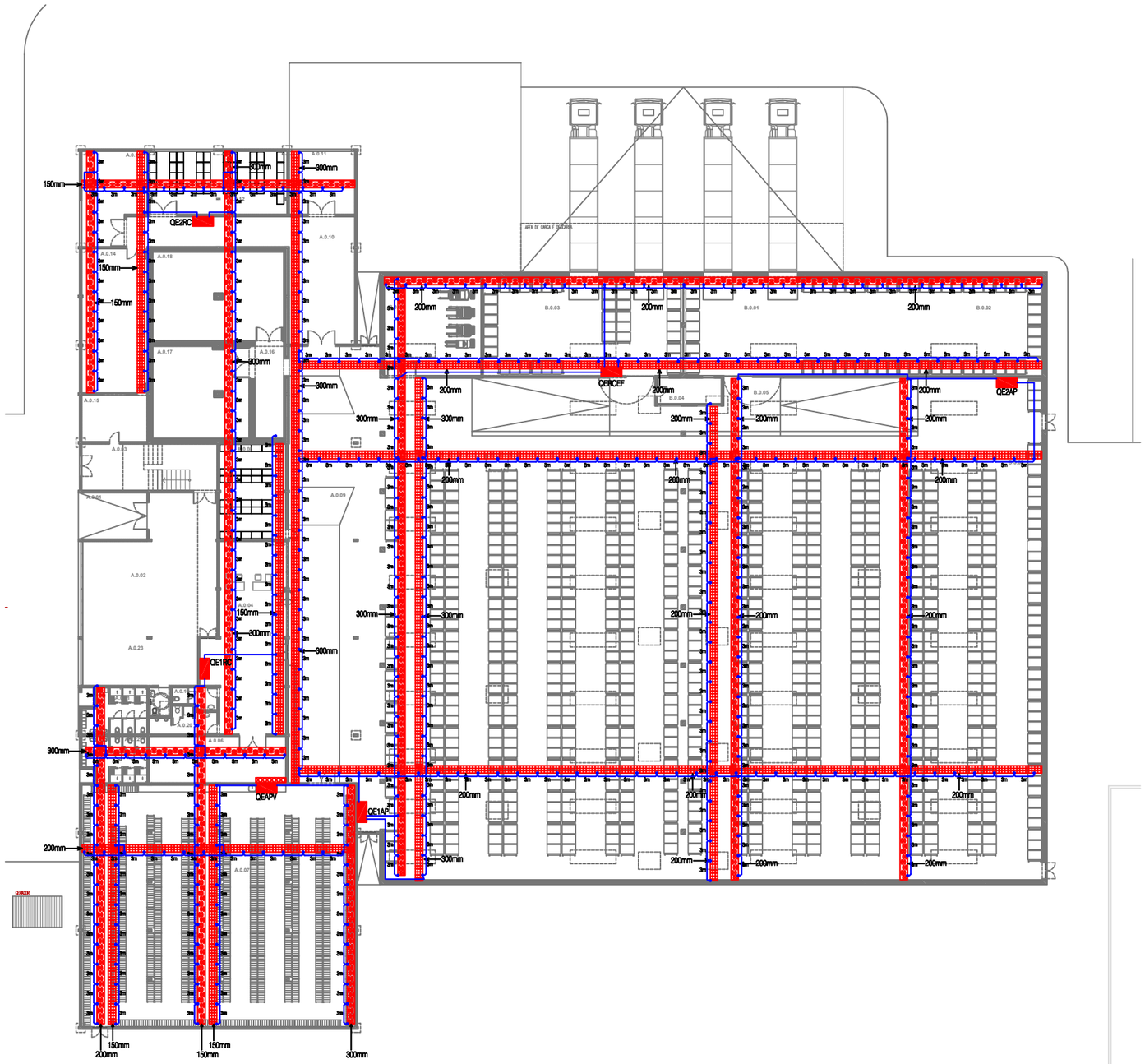
R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6, | C.P. 312 MAPUTO

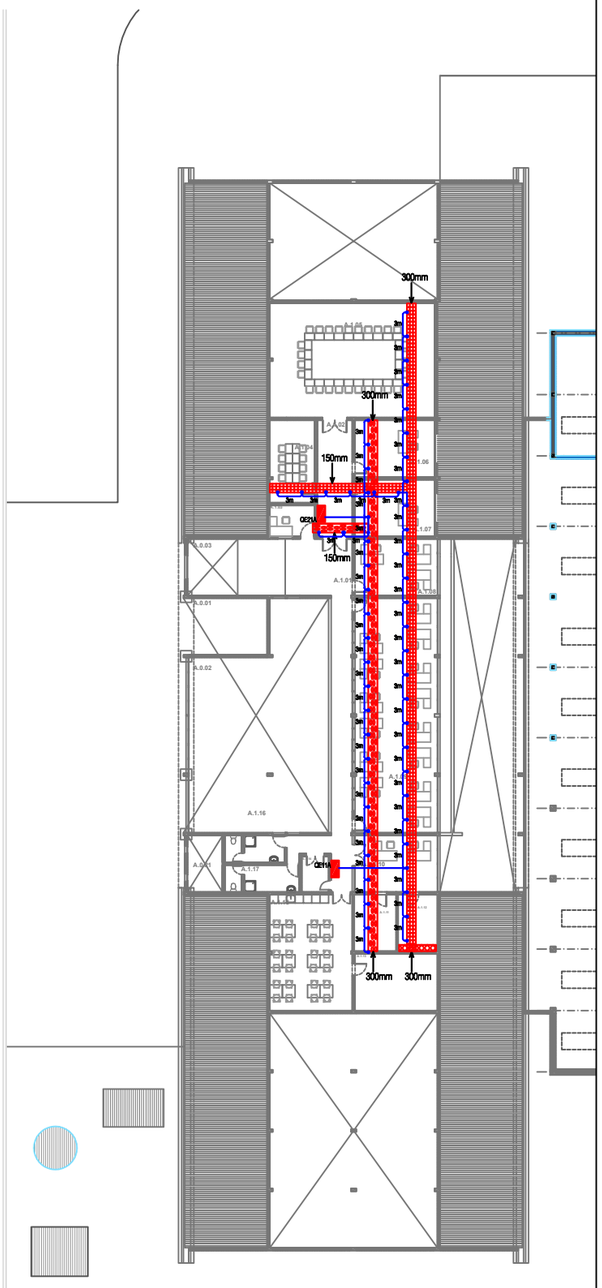
REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity
Drawing: ELECTRONIC SAFETY
Flammable Warehouse CCTV System

Project Number:
Scale: 1:100
Date: SET.2020
Drawing:
Drawing:
Author:

EL56





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REVIEW	DESCRIPTION	DATE

Aplicant:
UNDP Moçambique

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A 6. | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT
FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Speciality: Electricity

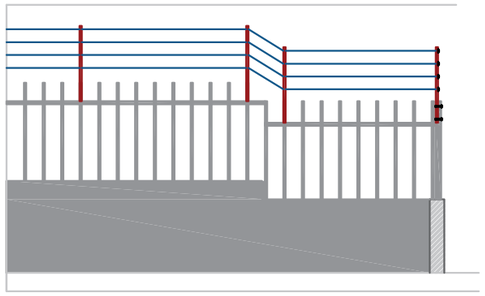
Drawing: ELECTRICAL SAFETY
Galvanized Metallic Cable Troy Equipotentialization

Project Director: Scale: 1:200
Date: SET.2020 Drawing:
Drawing:
Author:

EL57

IRREGULAR CLIMBS AND DESCENTS

SAMPLE OF THE ELECTRIC FENCE ASSEMBLY ACCORDING TO THE WALL



ROD ASSEMBLY DETAIL

RODS CONNECTIONS

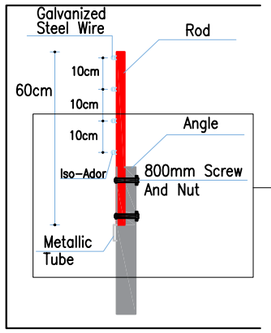
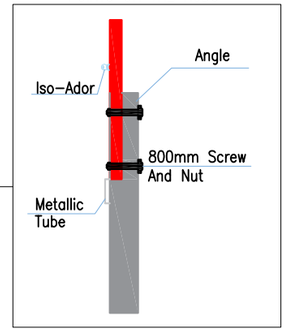
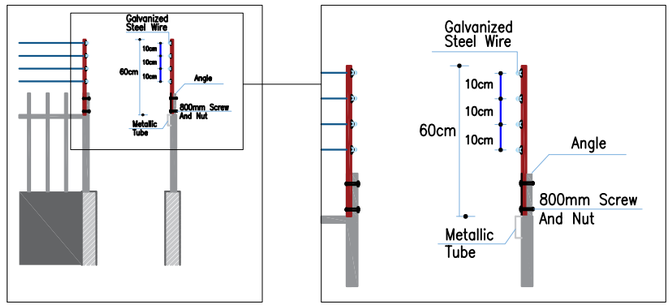


ILLUSTRATION OF THE CONNECTION POINTS ON THE RODS

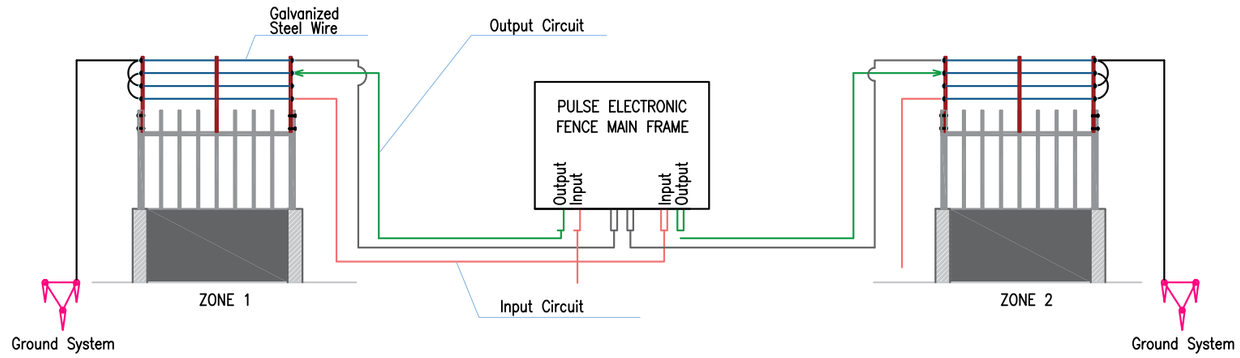


DETAIL OF WORK WITH THE RODS

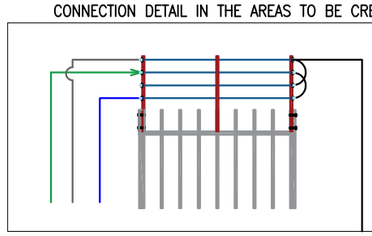
DETAIL OF CONNECTIONS IN COMPONENT ASSEMBY



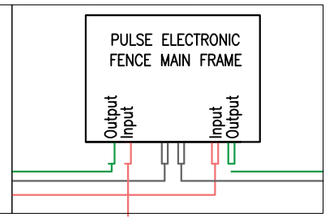
WIRING DIAGRAM



CONNECTION DETAIL IN THE AREAS TO BE CREATED



DETAIL OF THE CENTRAL ELECTRIC FENCE



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REVIEW	DESCRIPTION	DATE

Aplicant: UNDP Moçambique

GOODWILL CONSULTANTS

R. JOE SLOVO, 22 4º ANDAR, SALAS 4 A & B | C.P. 312 MAPUTO

REHABILITATION AND EXTENSION PROJECT FOR THE CENTRAL WAREHOUSE OF BEIRA

Location: Beira
Phase: EXECUTIVE PROJECT
Specialty: Electricity
Drawing: ELECTRICAL SAFETY
Electric Fence Installation
Project Number:
Scale: 1:100
Date: SET.2020
Drawing:
EL58
Revision: