



TENDER NO: DCS05ECAN002/WP1/C3

**PROCUREMENT OF CONSTRUCTION COMPANY FOR THE SECURITY
INSTALLATIONS TO THE PERIMETER FENCE, SALLY PORTS AND
CONTROL ROOM BUILDINGS AT ST ALBANS CORRECTIONAL FACILITY
IN GQEBERHA – EASTERN CAPE**

BID DOCUMENT

OCTOBER 2022

PREPARED FOR: USER CLIENT	ISSUED BY: EMPLOYER	PREPARED BY: ENGINEER
 correctional services Department: Correctional Services REPUBLIC OF SOUTH AFRICA	 idt <i>independent development trust</i>	 CARIFRO CONSULTING ENGINEERS PROJECT MANAGERS GREEN BUILDING CONSULTANTS
The Department of Correctional Services Poyntons Building (West Block) 124 WF Nkomo Street (Cnr WF Nkomo & Sophie De Bruin Streets) Pretoria 0001 South Africa	The Independent Development Trust Glenwood Office Park Corner Oberon & Sprite Streets Faerie Glen Pretoria 0043 South Africa	Carifro Consulting Engineers 100 Mangold Street, Newton Park, Port Elizabeth, 6055 South Africa

NAME OF BIDDER:.....

USER CLIENT



correctional services

Department:
Correctional Services
REPUBLIC OF SOUTH AFRICA

EMPLOYER



Independent Development Trust

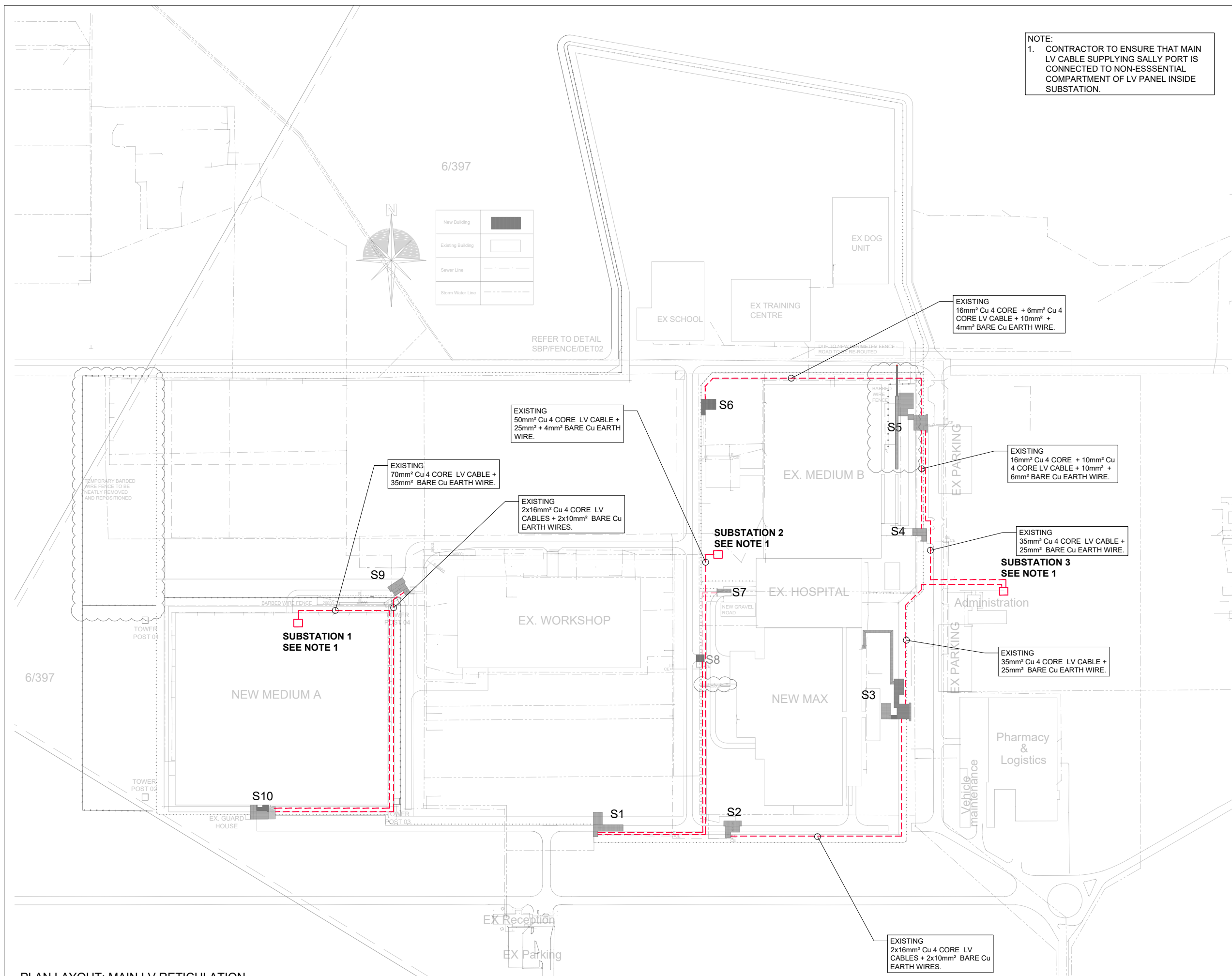
ENGINEER



LIST OF DRAWINGS

The following drawings shall be issued during the tender period to form part of tender documentation. Where applicable, drawings could be re-issued to the Contractor at commencement of the construction phase.

DRAWING NUMBER	DESCRIPTION
E21/2107/SA/100	ICT SITE PLAN
E21/2107/SA/200	ICT SALLY PORT 1
E21/2107/SA/201	ICT SALLY PORT 2
E21/2107/SA/202	ICT SALLY PORT 3
E21/2107/SA/203	ICT SALLY PORT 4
E21/2107/SA/204	ICT SALLY PORT 5
E21/2107/SA/205	ICT SALLY PORT 6
E21/2107/SA/206	ICT SALLY PORT 7
E21/2107/SA/207	ICT SALLY PORT 8
E21/2107/SA/208	ICT SALLY PORT 9
E21/2107/SA/209	ICT SALLY PORT 10
E21/2107/SA/300	IT NETWORK DIAGRAM
2107-WP1-ELEC-01	MAIN LV RETICULATION: PLAN LAYOUT
2107-WP1-ELEC-02	LV SUPPLY TO KIOSKS ALONG SECURITY FENCE
2107-WP1-ELEC-03	PERIMETER LIGHTING: PLAN LAYOUT
2107-WP1-ELEC-04	SALLY PORT S01 – ELECTRICAL INSTALLATION & DB SINGLE LINE DIAGRAM
2107-WP1-ELEC-05	SALLY PORT S03 – ELECTRICAL INSTALLATION & DB SINGLE LINE DIAGRAM
2107-WP1-ELEC-06	SALLY PORT S05 – ELECTRICAL INSTALLATION & DB SINGLE LINE DIAGRAM
2107-WP1-ELEC-07	SALLY PORT S10 – ELECTRICAL INSTALLATION & DB SINGLE LINE DIAGRAM
2107-WP1-ELEC-08	TYPICAL GENERATOR AIR-CIRCULATION DUCT



NOTE:

1. CONTRACTOR TO ENSURE THAT MAIN LV CABLE SUPPLYING SALLY PORT IS CONNECTED TO NON-ESSENTIAL COMPARTMENT OF LV PANEL INSIDE SUBSTATION.

CLIENT:


INDEPENDENT DEVELOPMENT TRUST
PALM SQUARE BUSINESS PARK
SILVERWOOD HOUSE
BONZA BAY
BEACON BAY
EAST LONDON
5241

Tel : 043 711 6000


independent development trust

ARCHITECTS:

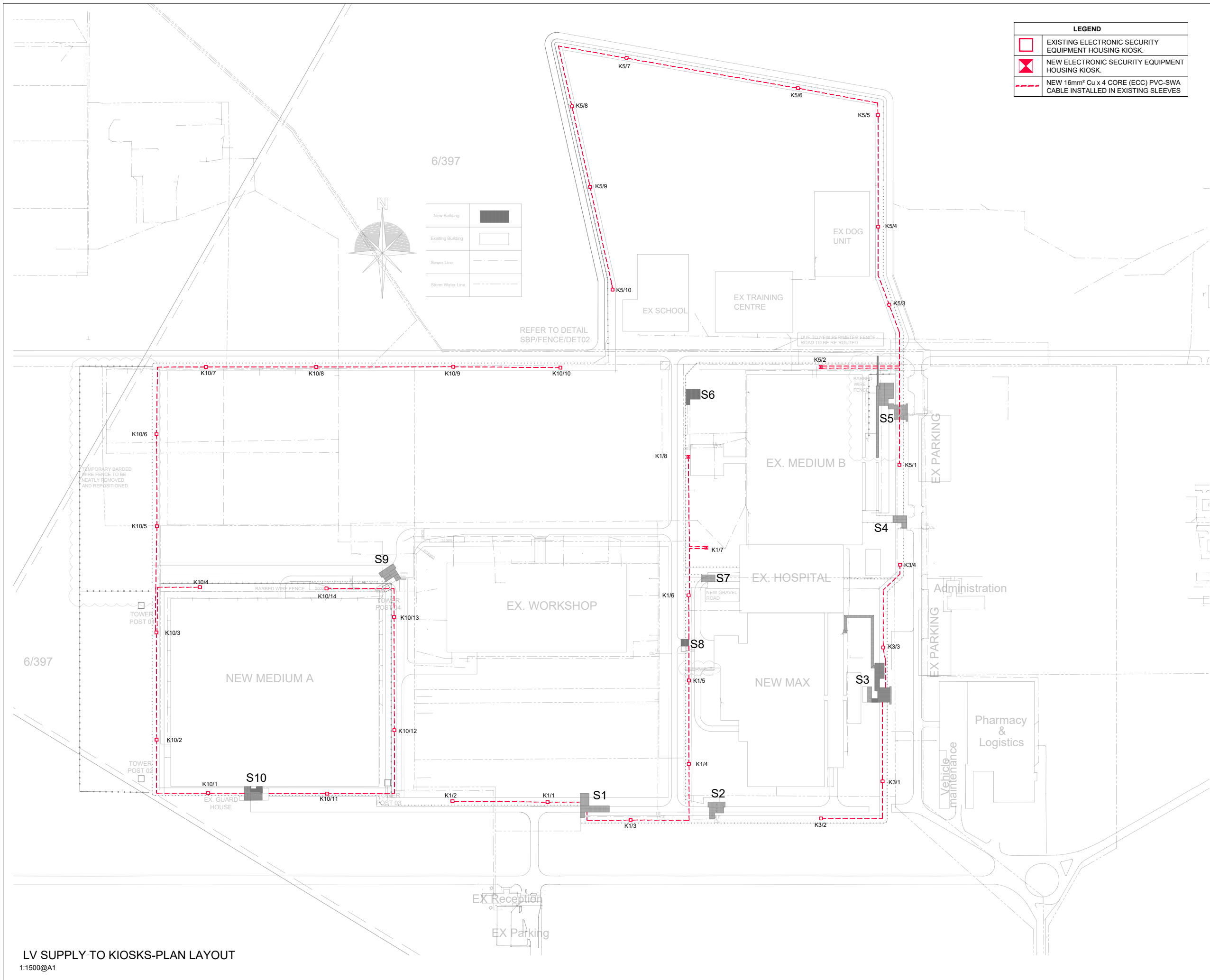
RMA ARCHITECTS
284 BULWER ROAD
GLENWOOD
DURBAN 4001
TEL 031 201 5173 / 5
S&CAP: 4535


RAJ MAHARAJH
ASSOCIATES
ARCHITECTS

PROJECT TITLE:
ST. ALBANS CORRECTIONAL FACILITY
WP1: ELECTRONICS INSTALLATION

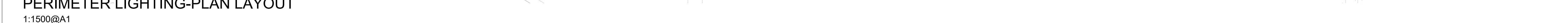
DRAWING TITLE:

MAIN LV RETICULATION: PLAN
LAYOUT



LV SUPPLY TO KIOSKS-PLAN LAYOUT
1:1500@A1

No.	Date:	By:	Description:
REVISIONS:			
CLIENT:			
INDEPENDENT DEVELOPMENT TRUST			
PALM SQUARE BUSINESS PARK			
SILVERWOOD HOUSE			
BONZA BAY			
BEACON BAY			
EAST LONDON			
5241			
Tel : 043 711 6000			
PRINCIPAL AGENT:			
RAMGOOLAM GROUP			
PRE-EMINENCE STUDIO			
15 ON CHURCH			
DANNHAUSER			
3080			
KWAZULU-NATAL			
Tel : 034 621 2484			
Fax : 034 621 2194			
ARCHITECT:			
RMA ARCHITECTS			
284 BULWER ROAD			
GLENWOOD			
DURBAN 4001			
TEL 031 201 5173 / 5			
SACAP : 4536			
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NEWTON PARK			
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Tel : 041 392 9800			
Email : pe@carifro.com			
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CESA			
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BELGRAVIA			
EAST LONDON			
S201			
Tel : 043 743 8266			
Email : el@carifro.com			
PROJECT TITLE:			
ST. ALBANS CORRECTIONAL FACILITY			
WP1: ELECTRONICS INSTALLATION			
DISCIPLINE: ELECTRICAL			
DRAWING TITLE:			
LV SUPPLY TO KIOSKS ALONG			
SECURITY FENCE			
DESIGNED: MG			
DRAWN: SWR			
APPROVED: MG			
SCALE: 1:1500@A1			
COPYRIGHT RESERVED			
DATE: 06-10-2022			
DRAWING No: 2107-WP1-ELEC-02			
REV: 0			
project status:			
TENDER			




No.:	Date:	By:	Description:
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REVISIONS:

PRINCIPAL AGENT:

ARCHITECT:

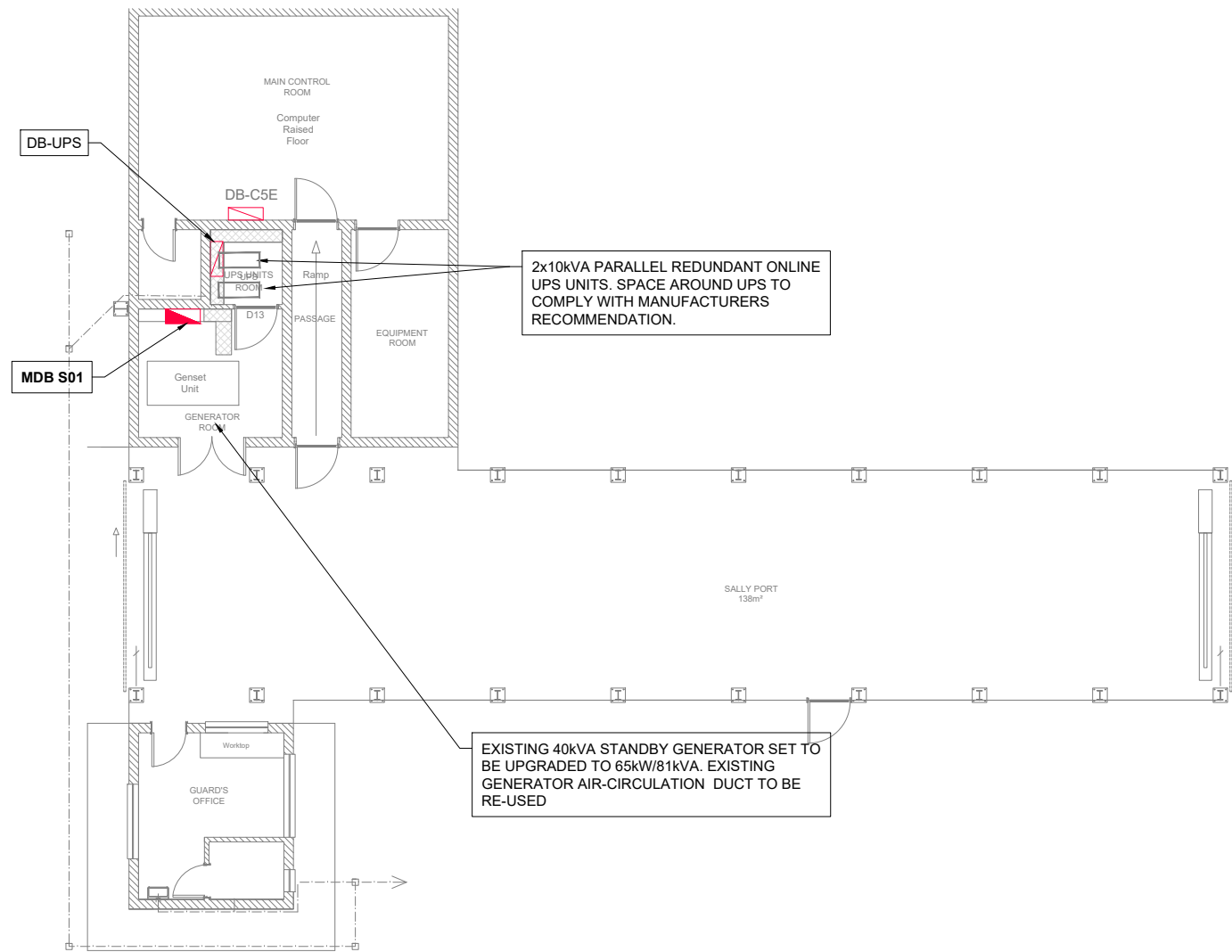


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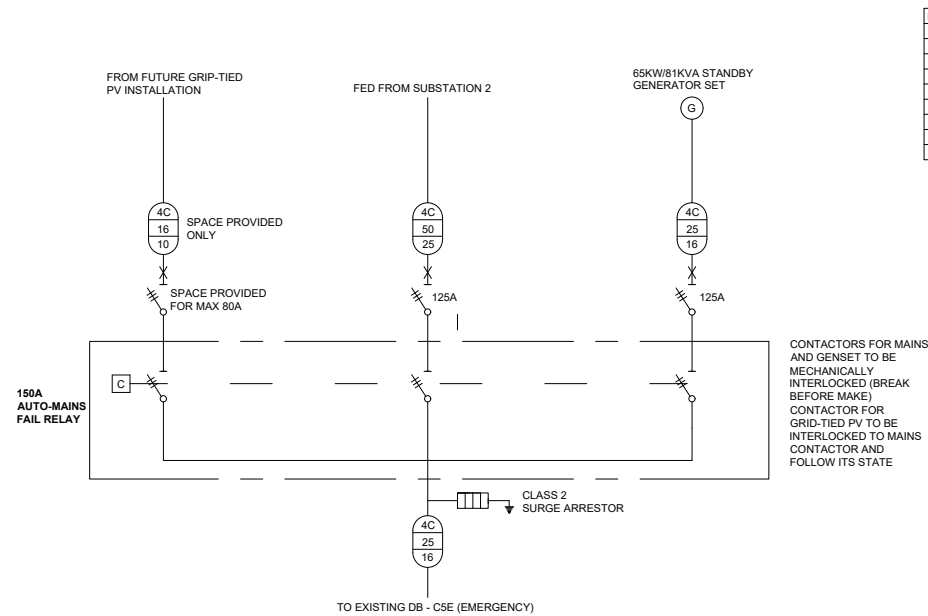
DISCIPLINE: ELECTRICAL

DRAWING TITLE:

project status:	
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PLAN LAYOUT: SALLY PORT S1 ELECTRICAL INSTALLATION
1:75@A1

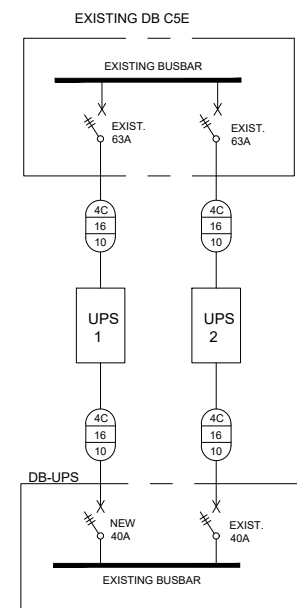


MDB -S01
NTS

NAME: MDB - S01	VOLTAGE: 230/400V
RATING-BUSBAR:	FAULT: 5kA
SUPPLY: Bottom <input checked="" type="checkbox"/> Top <input type="checkbox"/> Side <input type="checkbox"/>	
FEEDERS: Bottom <input checked="" type="checkbox"/> Top <input type="checkbox"/> Side <input type="checkbox"/>	
MOUNTING: Free Standing <input type="checkbox"/> Floor <input type="checkbox"/>	
DOORS: Yes <input checked="" type="checkbox"/> None <input type="checkbox"/> Lockable <input checked="" type="checkbox"/>	
COLOUR: White <input type="checkbox"/> Red <input type="checkbox"/> Cream <input type="checkbox"/>	
Orange <input checked="" type="checkbox"/> Green <input type="checkbox"/> Other <input type="checkbox"/>	
SPARE SPACE: 25%	

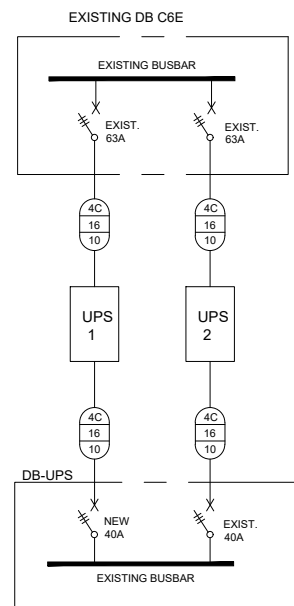
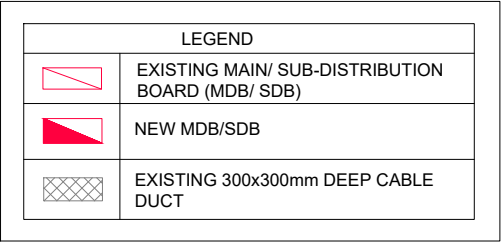
CONDUCTORS	CABLES
<div> <div>20</div> <div>CONDUIT SIZE</div> <div>2X2.5</div> <div>CONDUCTOR SIZE & QUANTITY</div> <div>2.5</div> <div>EARTH SIZE</div> </div>	<div> <div>4C</div> <div>CABLE CORES</div> <div>25</div> <div>CABLE SIZE</div> <div>16</div> <div>EARTH SIZE</div> </div>
SP - SPARE	

LEGEND	
	EXISTING MAIN/ SUB-DISTRIBUTION BOARD (MDB/ SDB)
	NEW MDB/SDB
	EXISTING 300x300mm DEEP CABLE DUCT



UPS UNITS SLD
NTS

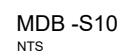
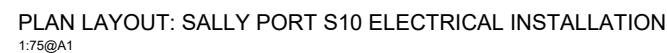
No:	Date:	By:	Description:
REVISIONS:			
CLIENT:			
INDEPENDENT DEVELOPMENT TRUST			
PALM SQUARE BUSINESS PARK			
SILVERWOOD HOUSE			
BONZA BAY			
BEACON BAY			
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NEWTON PARK			
GOEBERHA			
6045			
Tel : 041 392 9800			
Email : pe@carifro.com			
WEBSITE			
www.carifro.com			
PROJECT TITLE:			
ST. ALBANS CORRECTIONAL FACILITY			
WP1: ELECTRONICS INSTALLATION			
DISCIPLINE: ELECTRICAL			
DRAWING TITLE:			
SALLY PORT S01 - ELECTRICAL			
INSTALLATION & DB SINGLE LINE			
DIAGRAM			
DESIGNED:	DRAWN:	APPROVED:	
MG	SWR	MG	
SCALE:	COPYRIGHT RESERVED	DATE:	
As Indicated		10-10-2022	
DRAWING No:		REV:	
2107-WP1-ELEC-04		0	
project status:			
TENDER			
VERSION 1.0			



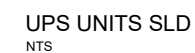
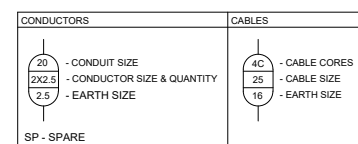
No:	Date:	By:	Description:
REVISIONS:			

project status:
TENDER

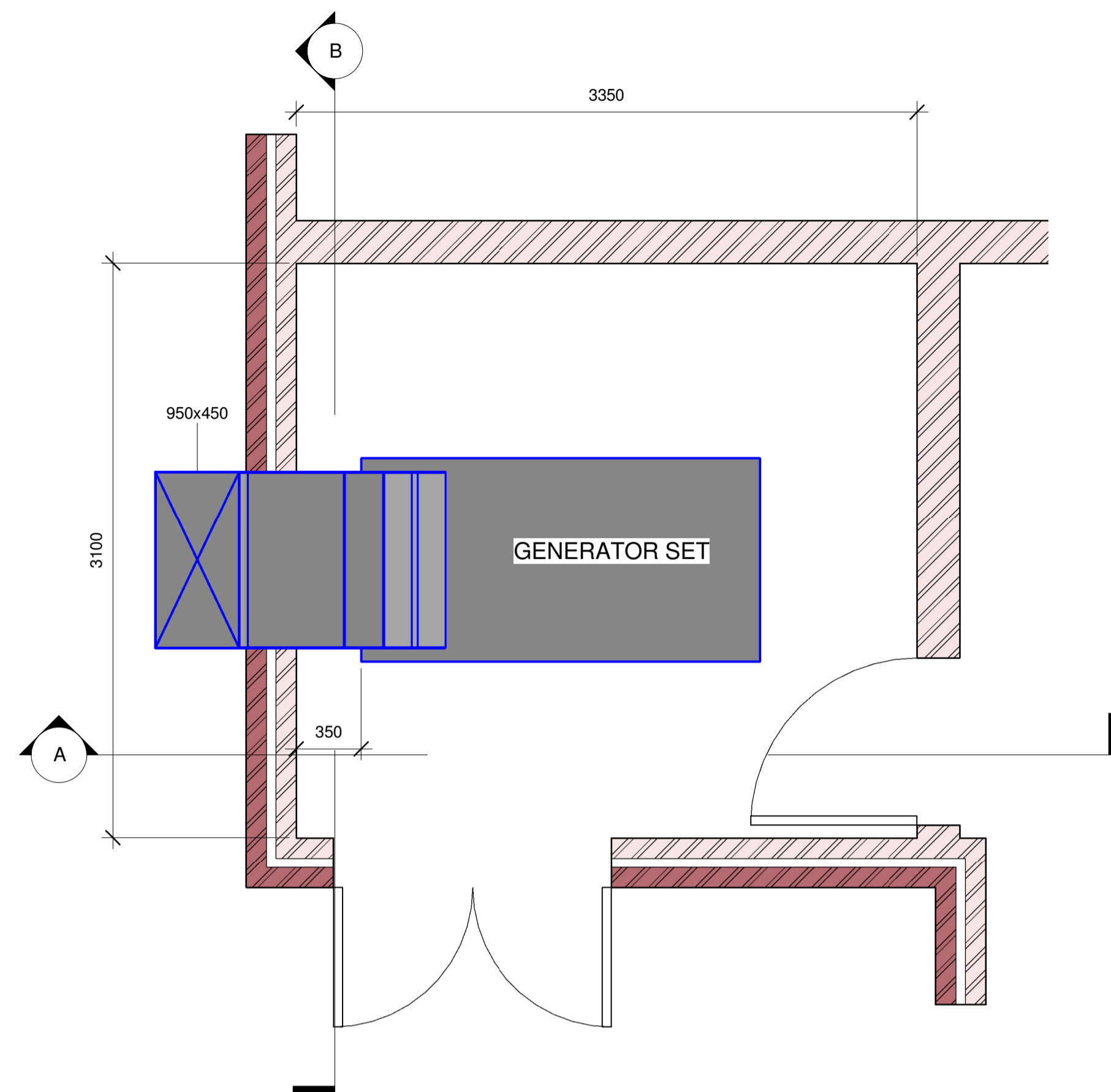
VERSION 1.0



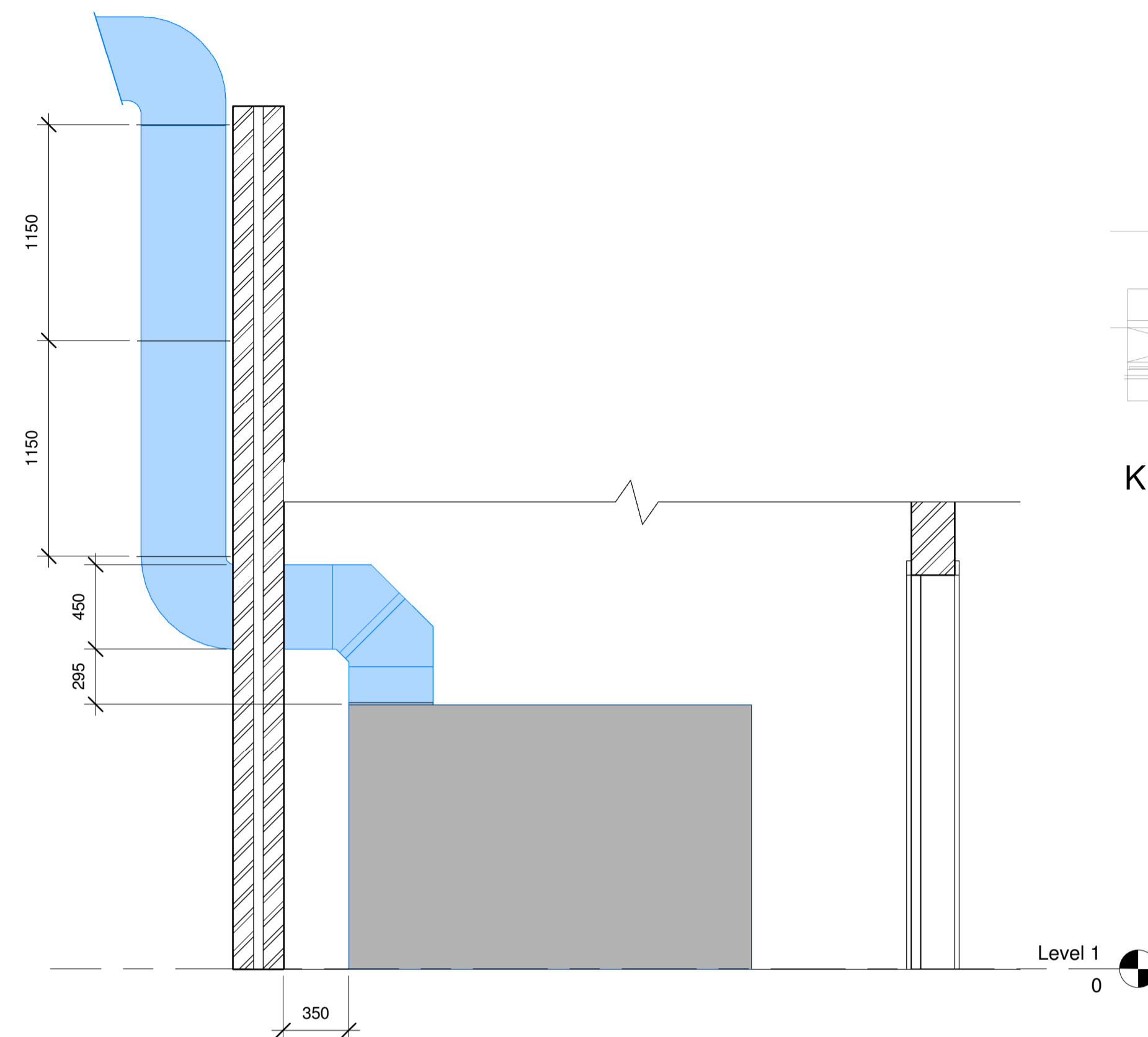
NAME: MDB - S10		VOLTAGE: 230/400V	
RATING-BUSBAR:		FAULT: 5kA	
SUPPLY: Bottom	<input checked="" type="checkbox"/>	Top	Side
FEEDERS: Bottom	<input checked="" type="checkbox"/>	Top	Side
MOUNTING: Free Standing		<input type="checkbox"/>	Floor
Recessed mounted		<input checked="" type="checkbox"/>	Surface
DOORS: Yes	<input checked="" type="checkbox"/>	None	<input type="checkbox"/> Lockable
COLOUR: White	<input type="checkbox"/>	Red	<input type="checkbox"/> Cream
Orange	<input type="checkbox"/>	Green	<input type="checkbox"/> Other
SPARE SPACE: 25%			



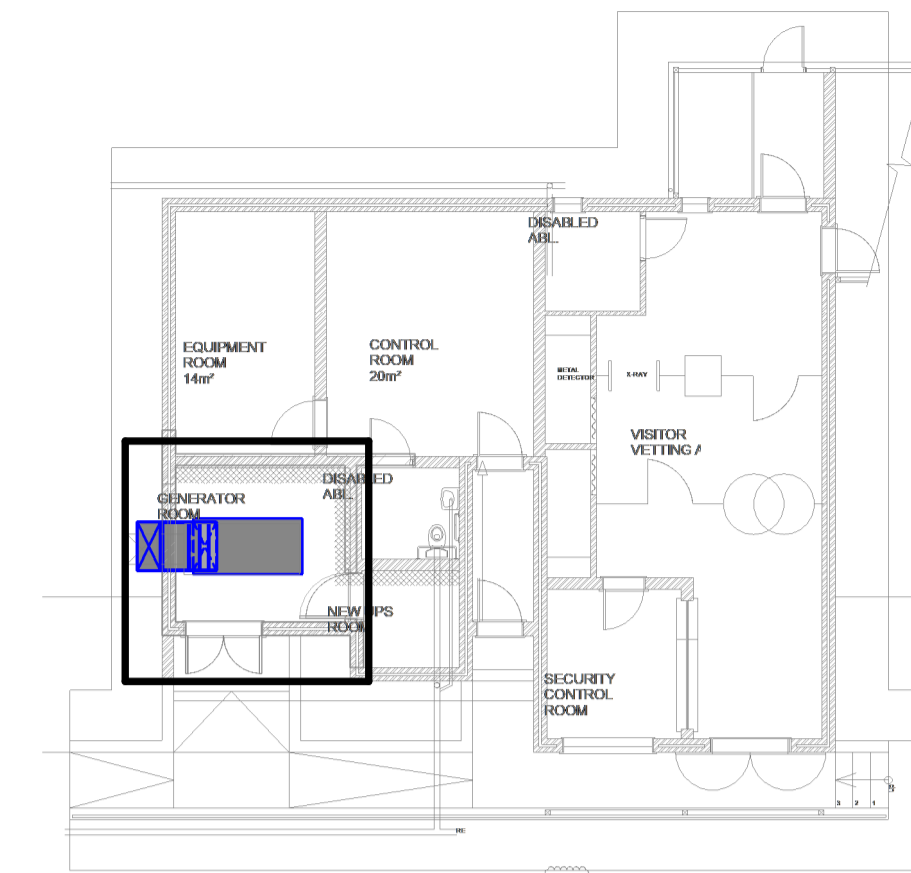
project status:	TENDER
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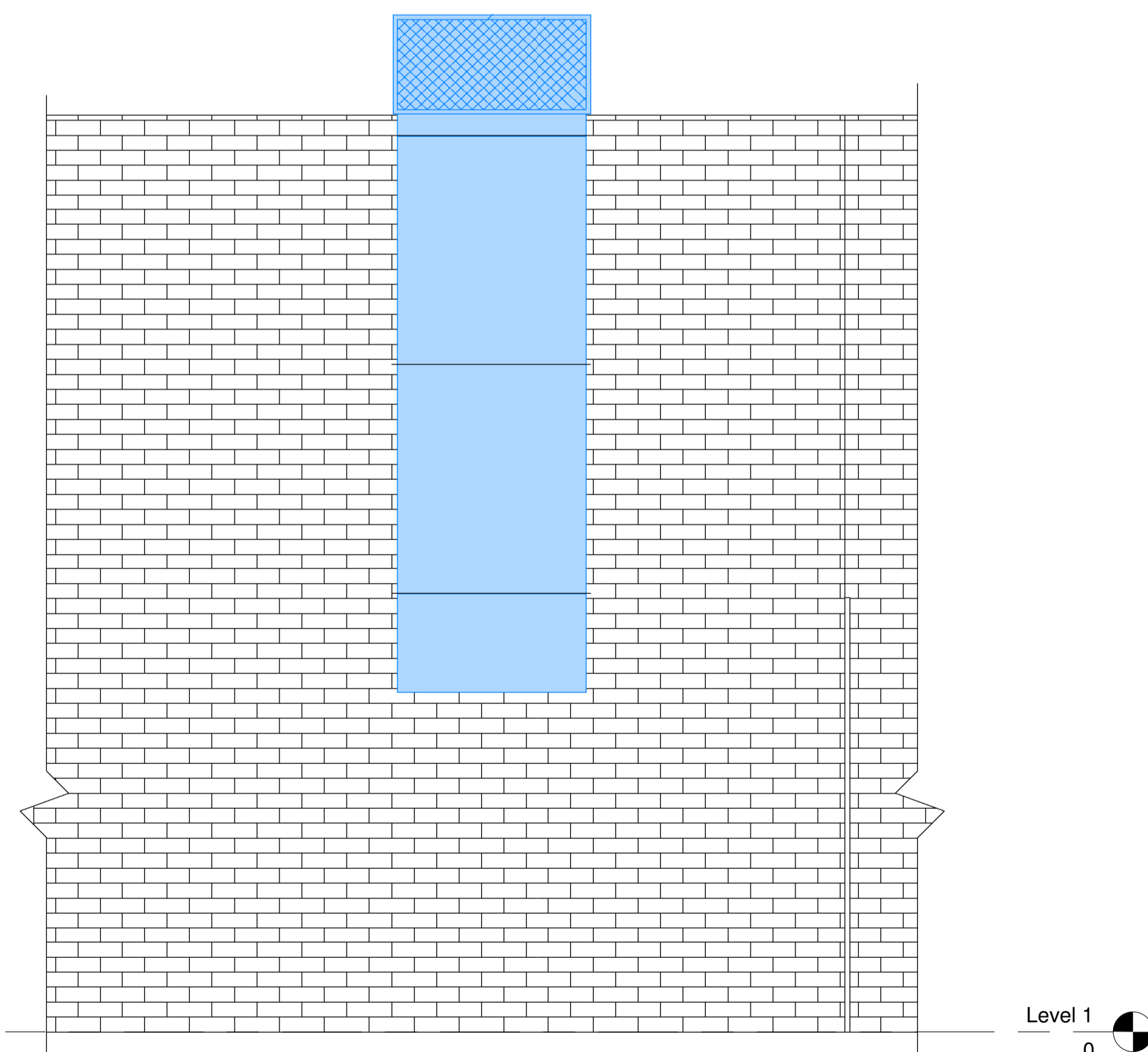
1 Plan View
1 : 25



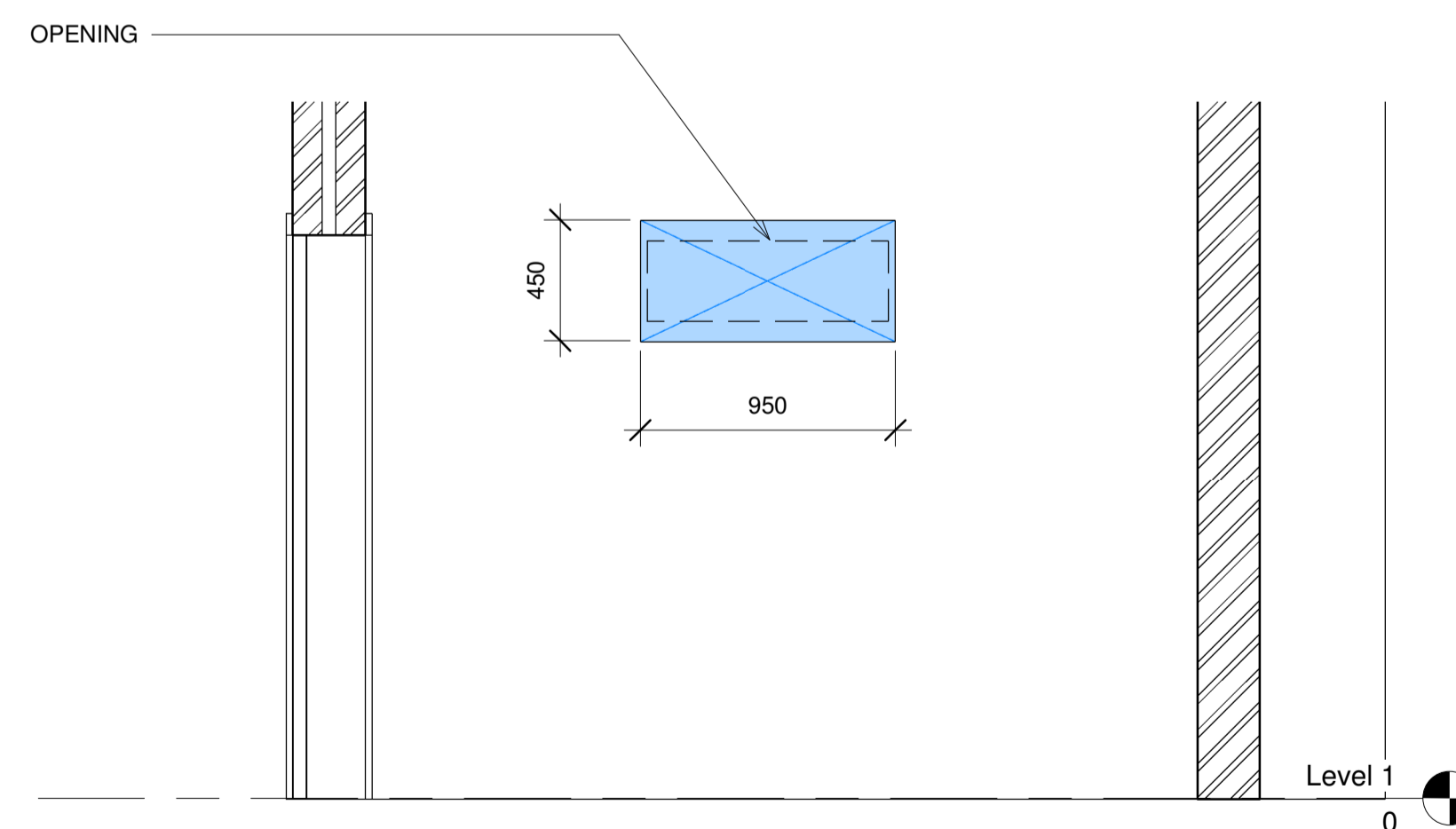
A Section A
1 : 25



KEY LEGEND



3 Front View
1 : 25



B Section B
1 : 25

GENERAL NOTE

No	Date	Revision Description	By

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Green Building Consultants

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CESA
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TEL: 043 - 743 8266
EMAIL: EL@CARIFRO.COM

Client

correctional services

Department:
Correctional Services
REPUBLIC OF SOUTH AFRICA

Client

INDEPENDENT DEVELOPMENT TRUST
PALM SQUARE BUSINESS PARK
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Project

ST.ALBANS PRISON

CONTRACT NO.: EB/YEK/16/Z1B

Drawing Title

**Typical Generator
Air-Circulation Duct**

Date	13-10-2022	Drawn	SWR
Scale	As indicated	Checked	M.G
		Approved	M.G

Workstage

Tender

Drawing Number	Revision
2107-WP1-ELEC-08	