

DRAWINGS: ARCHITECTURAL, ELECTRICAL & MECHANICAL

Volume 2 of 3: Part E

ARCHITECTURAL DRAWINGS

HJ VAN ECK - SAPS

LOCALITY PLAN



Legend

1. EXISTING HOTEL
2. NEW RESIDENCES
3. GARAGE SUPPORT SERVICES
4. CARPORTS
5. SAPS CAMP



Aerial image
1:2000

No.	Date	Amendment	By
		Revision	
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Initial drawing			
certified and will remain in full Copyright Drawing Author: Public Works Department			
Name	Andrew Clackson		
Date	2003/02/13 16:00:02		
Professional registration no.: Practising Architect & A.S. South			

public works & infrastructure

Department of Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

DESIGNER: ARCHITECT
ADV. SANITARY ENGINEER

COOTE CLACKSON
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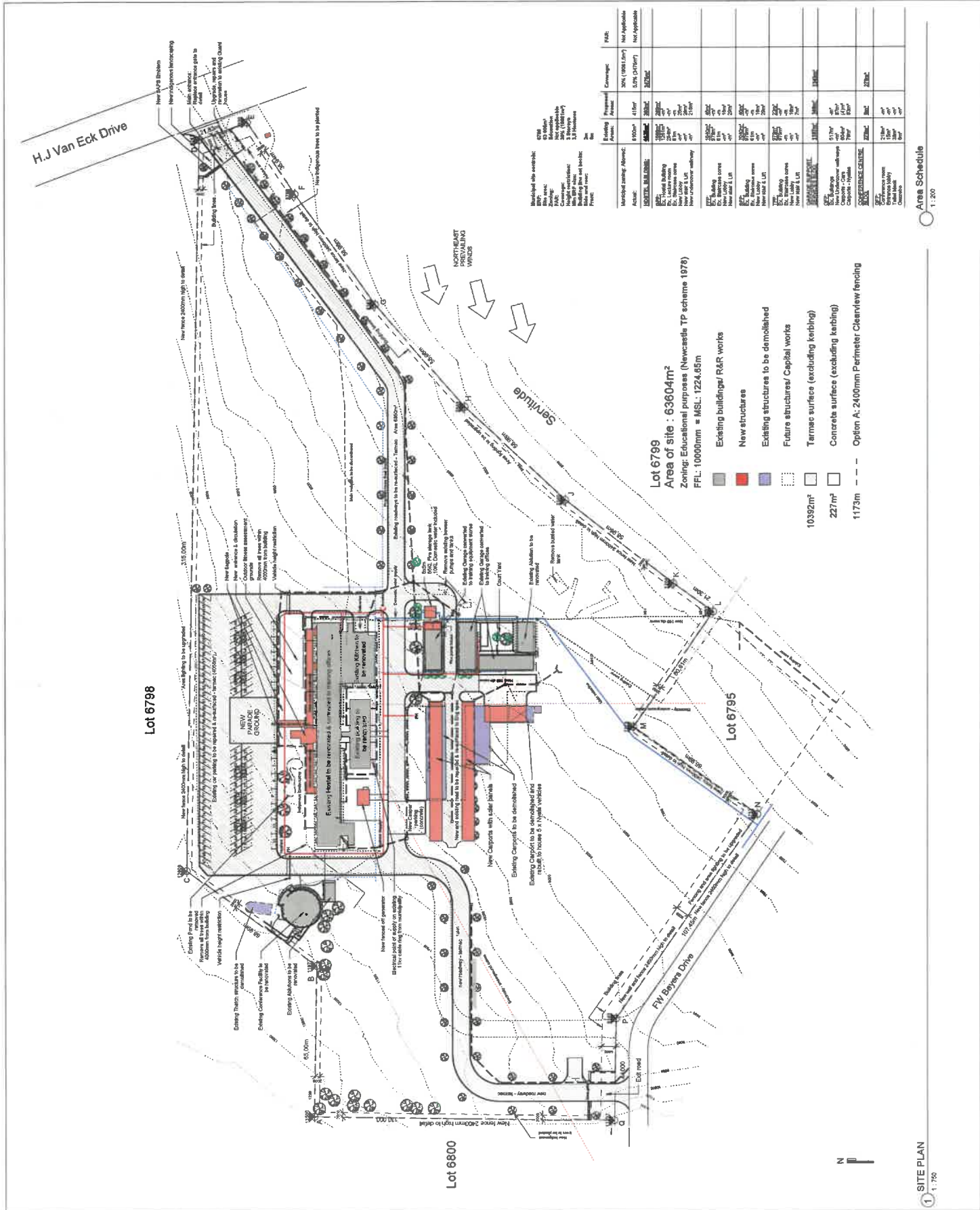
Geography: Architecture

**NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799**

Project name: 0460022

Project title: LOCALITY PLAN

Proj. No.	A25725/2021	Category	JM
Scale	1:2000	Drawn	CLP
Date	2023/03/13 16:00:02	Checked	JM
DWG drawing no.			
A25725 / RR-A-1.1			



- Lot 6799**
Area of site : 63604m²
Zoning: Educational purposes (Newcastle TP scheme 1978)
FFL: 10000mm ± MSL 1224.85m
- Existing buildings/ R&R works
 - New structures
 - Existing structures to be demolished
 - Future structures/ Capital works
 - Tarmacs surfaces (excluding kerbing)
 - Concrete surfaces (excluding kerbing)
 - Option A: 2400mm Perimeter Clearview fencing

public works & infrastructure

COOPERATIVE
 PUBLIC WORKS AND INFRASTRUCTURE
 DIVISION OF GOVERNMENT
 400 SAN VANCELA

COOTE CLARKSON
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 Website: www.cooteclarkson.co.za

**NEWCASTLE SAPS:
 REPAIRS AND RENOVATIONS
 TO
 HJ VAN ECK BUILDINGS
 ERF 6799**

VOS number	046032
drawing title	SITE PLAN
ref no	A25725/2991
Scale	As indicated
Date	2023/03/13 15:51:38
Drawn by	AGC
Checked by	AGC
Approved by	AGC
Project name	A25725 / RRA-1.2

WKS	Date	Author	Revision	DTP
1	2023/03/13	Author	1	1

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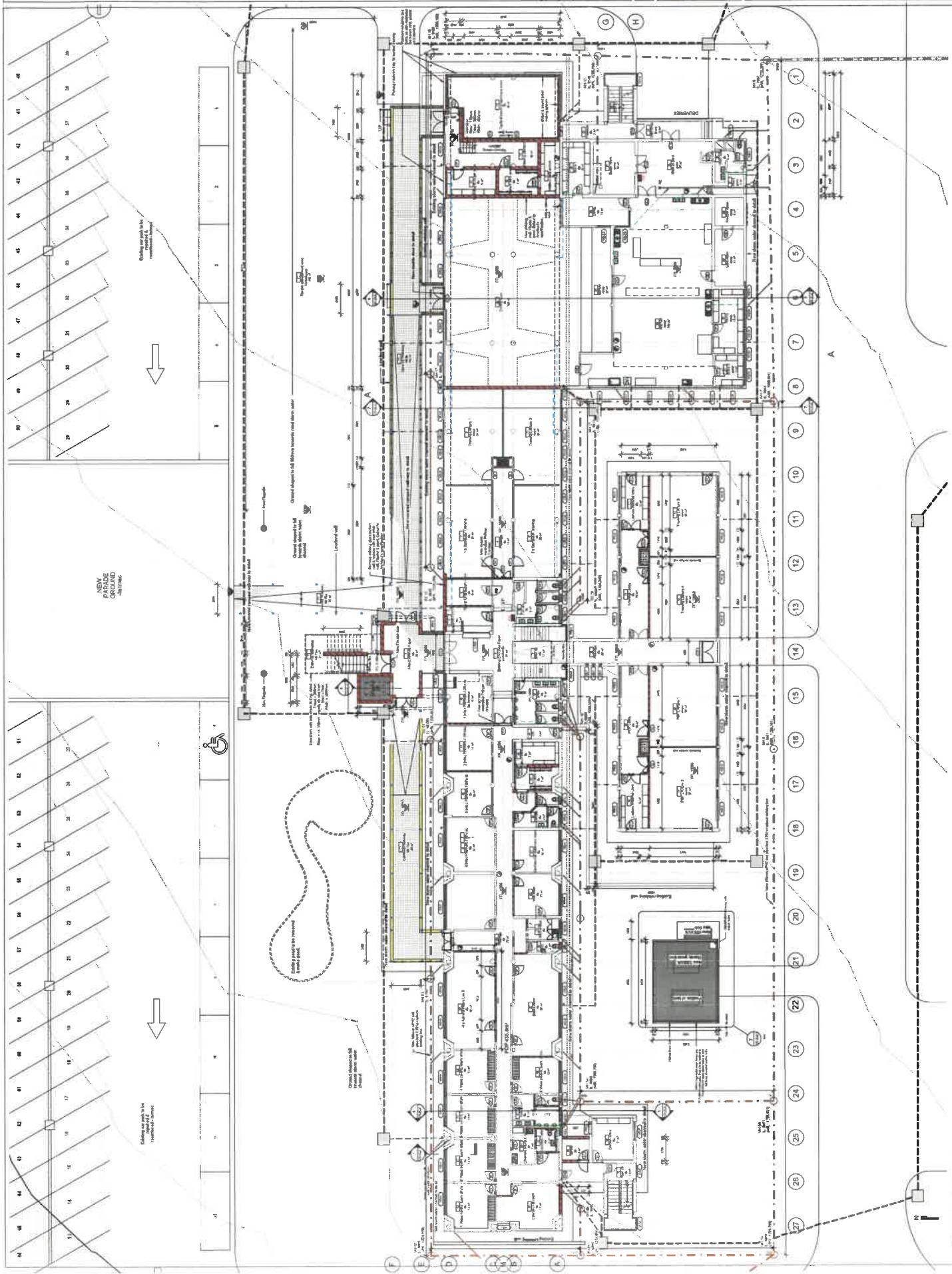
City of Johannesburg
 City Engineer
 2023/03/13 15:51:38

Professional registration no.: 2023/03/13 15:51:38

Cell No: 082 544 0862

Project name: HJ Van Eck Buildings - Repairs and Renovations - RRA-1.2

Page No: A1

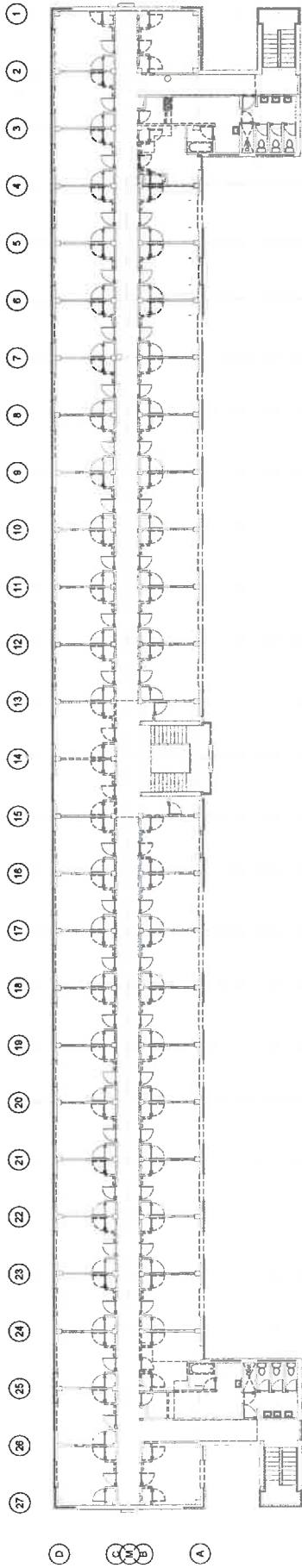


0. GROUND FLOOR PLAN
1:100

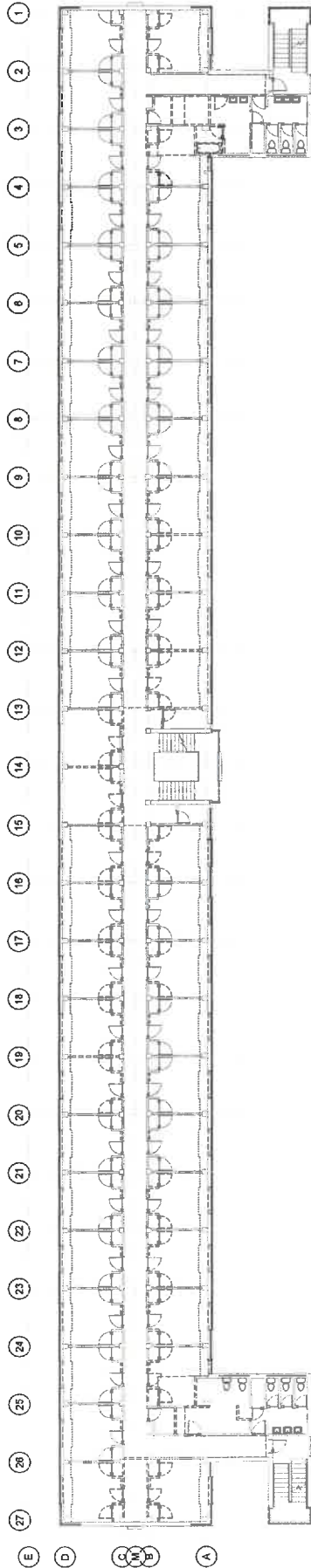


NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
HU VAN ECK BUILDINGS
ERF 6789

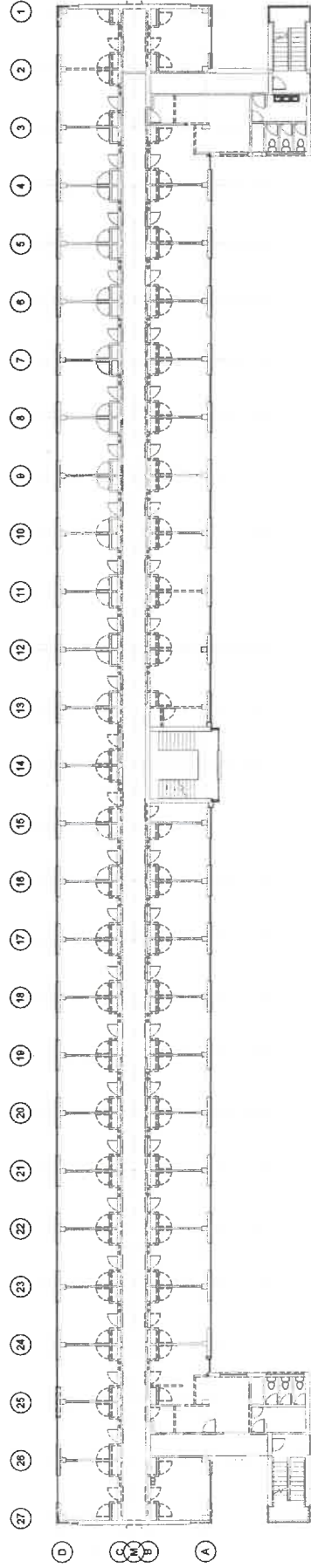
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Client	NEWCASTLE SAPS
Architect	GOTTES CLARENSON
Engineer	ARCHITECTS
Structural Engineer	ARCHITECTS
Electrical Engineer	ARCHITECTS
Water Engineer	ARCHITECTS
Sanitary Engineer	ARCHITECTS
Landscaping Engineer	ARCHITECTS
Other	ARCHITECTS



3. THIRD FLOOR PLAN Ext'd & Demo



2. SECOND FLOOR PLAN Ext'd & Demo



1. FIRST FLOOR PLAN Ext'd & Demo

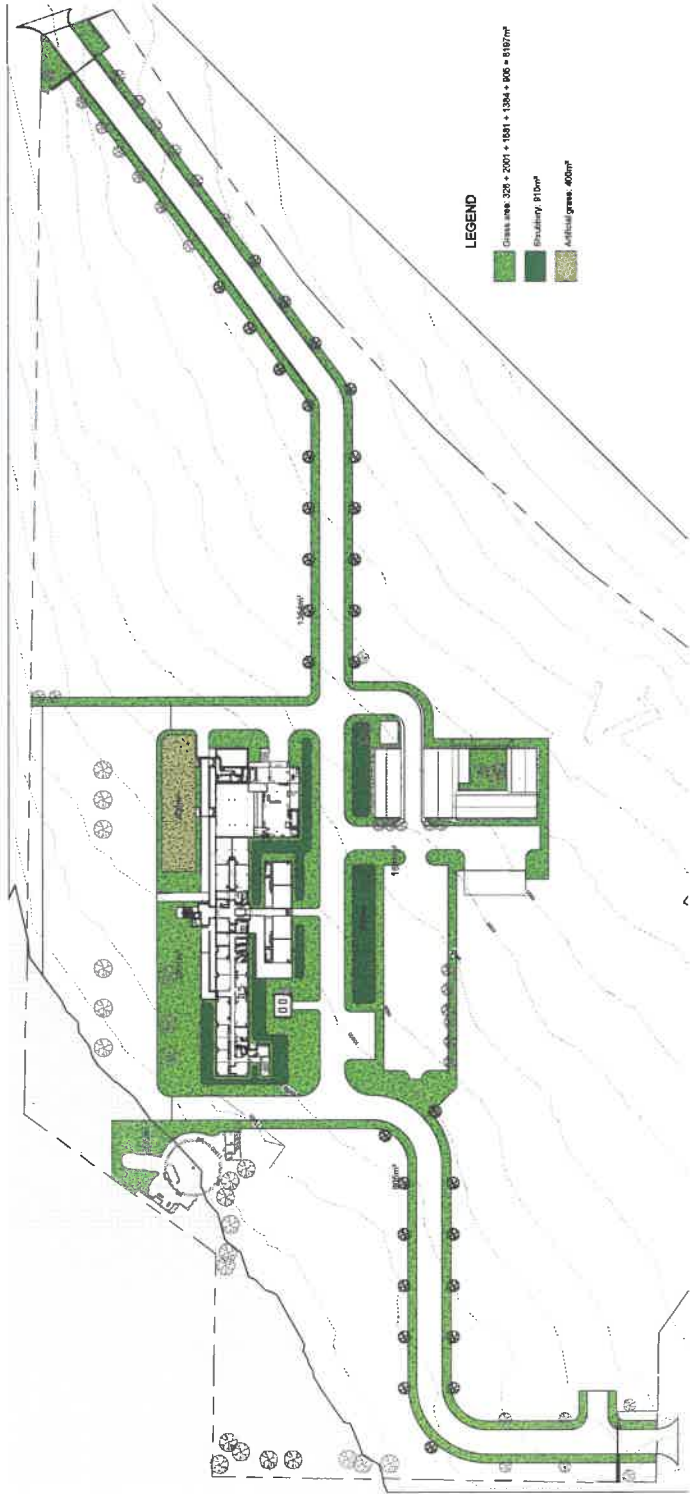


NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
HJ VAN ECK BUILDINGS
ERF 6799

1ST - 3RD FLOOR PLANS
DEMOLITION

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PROJECT	NEWCASTLE SAPS:	
REVISION	1	
DATE	2024/05/13	13:38:58
USER	ADMIN	
PROJECT	NEWCASTLE SAPS:	
REVISION	1	

A29725 / RB-B-2.4



0. GROUND FLOOR LANDSCAPE PLAN

LEGEND

- Grass area 320 x 2001 + 1581 + 1354 + 806 = 5187m²
- Boundary 10m²
- Artificial grass 400m²

No.	Date	Amendment	D.P.W.
		Revision	

Cooper & Partners
Department of Public Works

certified subject drawings in per Constitution of the
Republic of South Africa

name: Andrew Gellman

date: 2013/02/13 14:12:17

professional registration no.: 19 402 747 (category 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100)

page type: A1

public works & infrastructure
Department of Public Works and Infrastructure
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DIRECTOR - GENERAL
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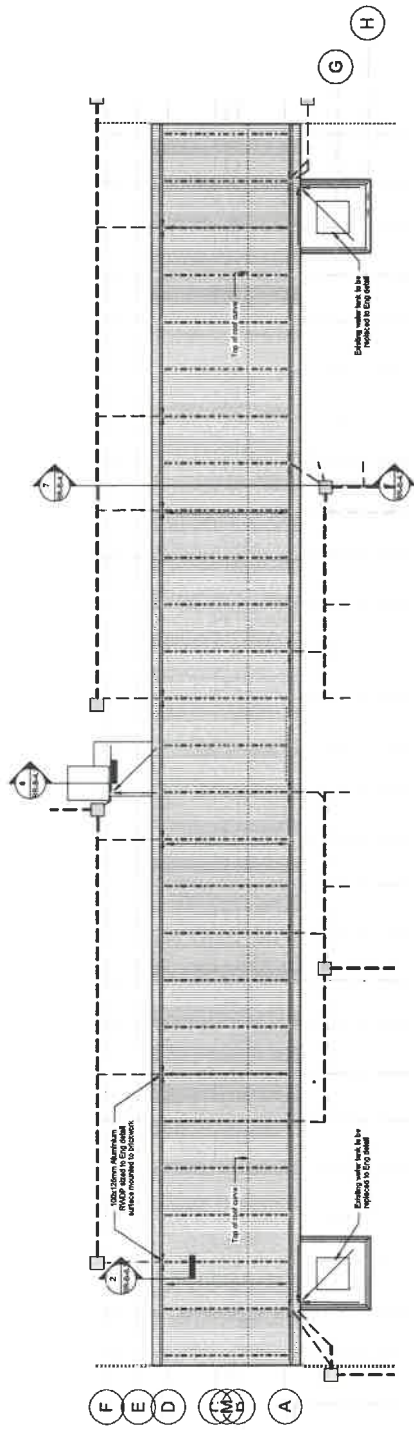
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ARCHITECTS
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LONDON: 020 7461 1000
SALES: 020 7461 1001
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**NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799**

VCS number: 046032

drawing title: LANDSCAPE PLAN

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Date	2013/02/13 14:12:17	Checked	ACC
DPW drawing no.	A25725 / RR-B-2.5		



4. Roof
1 200

- 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

No.	Date	Amendment	By/For
		Revision	

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Architect drawings
Certified Architect Drawings as per Certified Drawings
Architectural Drawings (CAPS) REQUIREMENTS

name: Andrew Clackson
date: 2023/02/13 16:25:55
professional registration no.: Project 7471 (sanep) S.A. S. Arch.

COO BILIMBO
C/O: PRO-MET (Pty) Ltd, P.O. Box 1000, Midrand, 2008
1000 Midrand, 2008
1000 Midrand, 2008

Page No.
A1



consultant:
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Registration no. 4/2000/00000001

services:
Architecture

NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6798

WCS number: 046032
drawing file:
ROOF PLAN

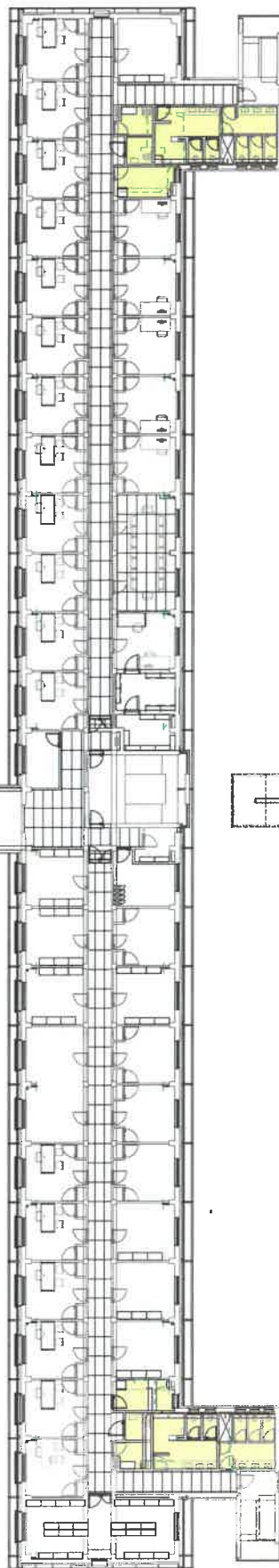
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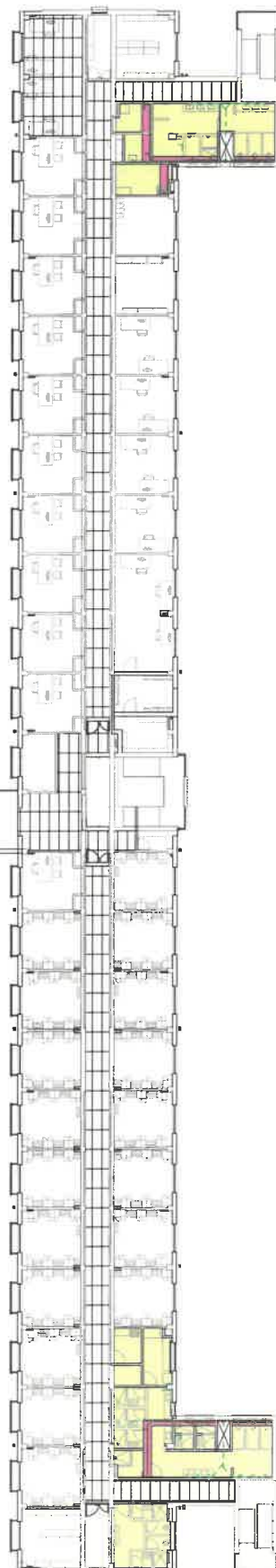
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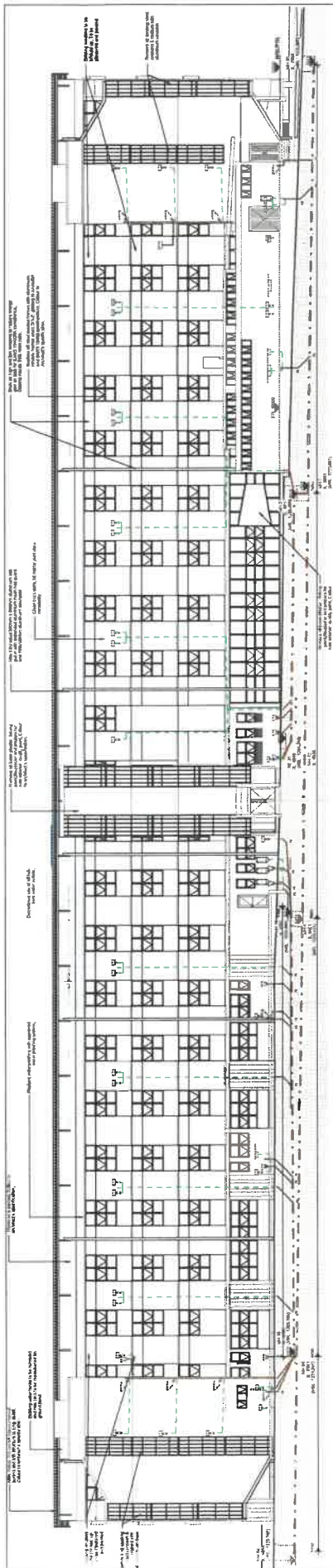
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1 : 100



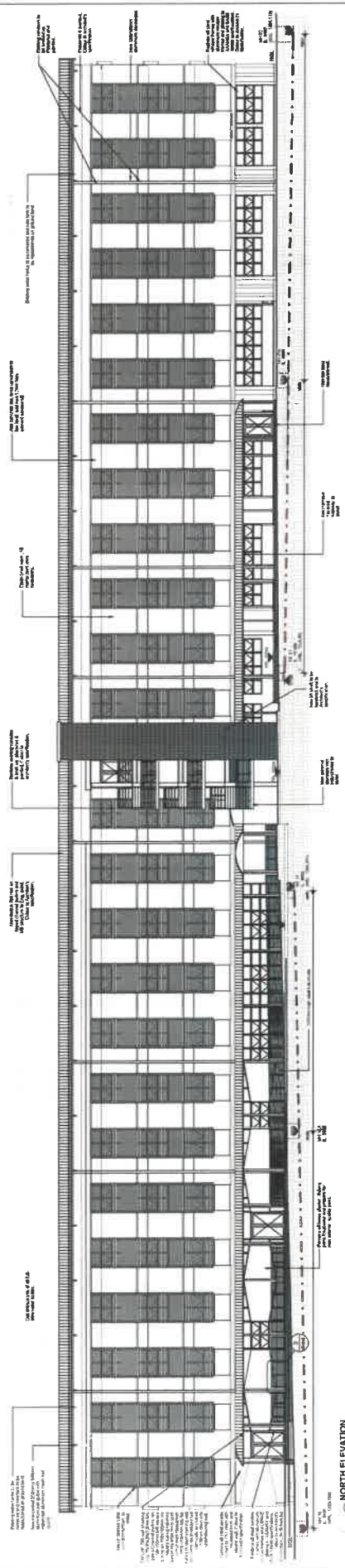
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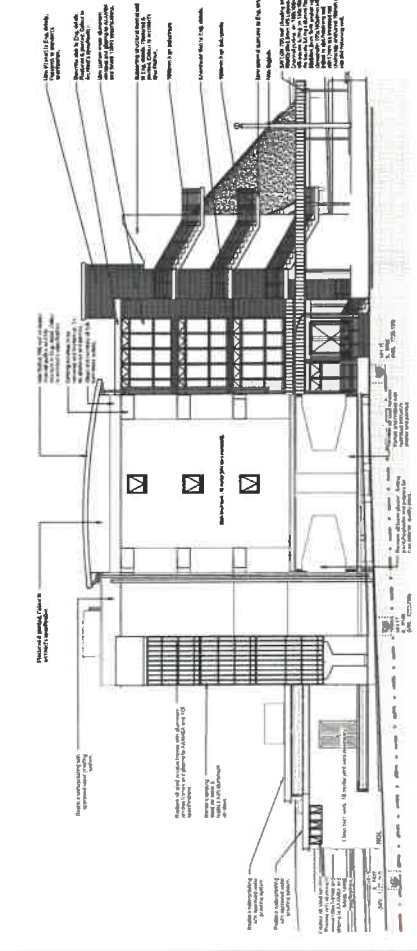
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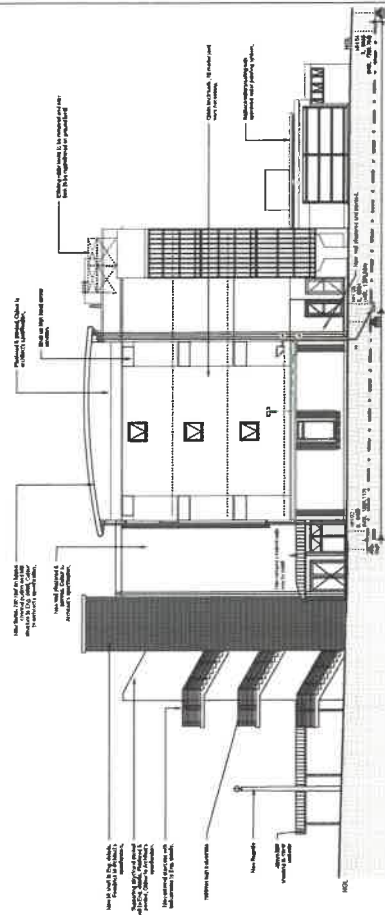
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1:100



2
HOSTEL NORTH ELEVATION
1:100



3
HOSTEL EAST ELEVATION
1:100



4
HOSTEL WEST ELEVATION
1:100



NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HU VAN ECK BUILDINGS
ERF 6799

ELEVATIONS	
NO. 1001	04/02/20
NO. 1002	04/02/20
NO. 1003	04/02/20
NO. 1004	04/02/20
NO. 1005	04/02/20
NO. 1006	04/02/20
NO. 1007	04/02/20
NO. 1008	04/02/20
NO. 1009	04/02/20
NO. 1010	04/02/20
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NO. 1012	04/02/20
NO. 1013	04/02/20
NO. 1014	04/02/20
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NO. 1017	04/02/20
NO. 1018	04/02/20
NO. 1019	04/02/20
NO. 1020	04/02/20

① ELEVATION
1-156



2 ROOMS 1.100



3 LECTURE 3 1:100



4 1 : 100



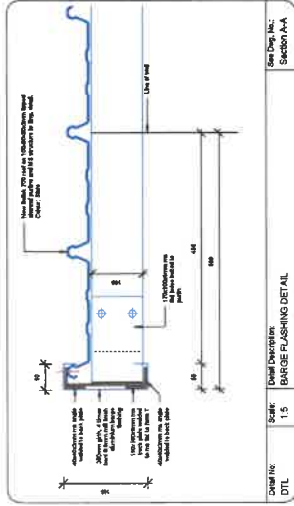
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7 1 99
SECTION A

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Recommendation to Engineers' Board

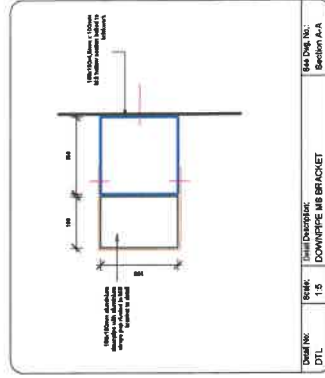
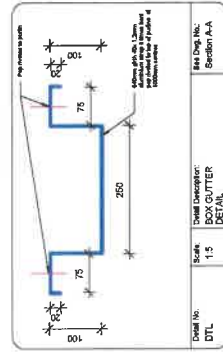
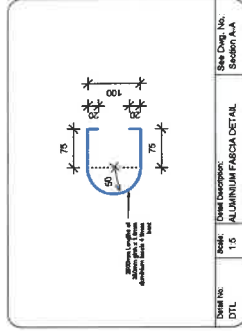
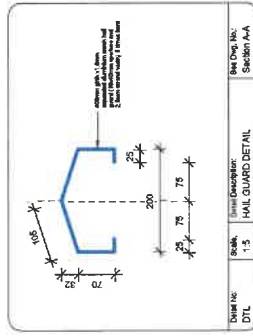
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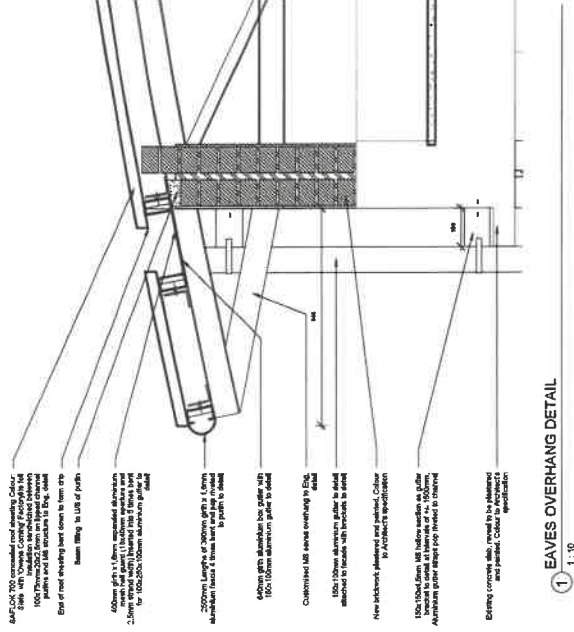
Barge detail



Saflok 700



Fascia & gutter details



Eaves overhang detail

No.	Date	Amendment	Revision
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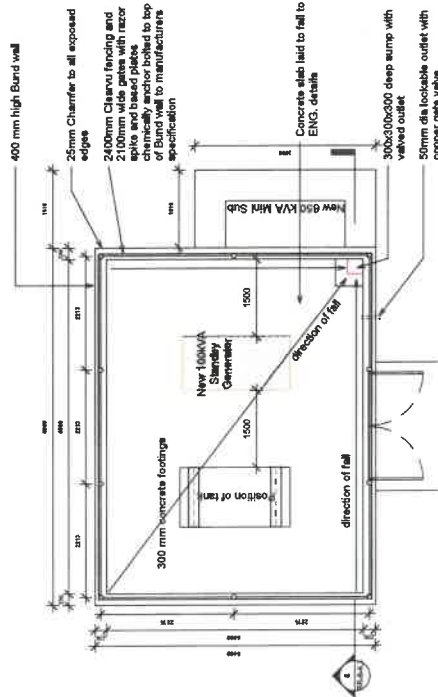
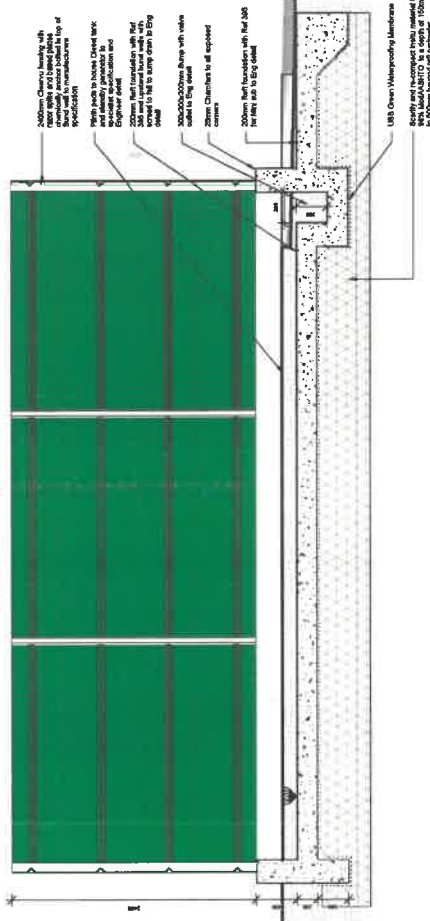
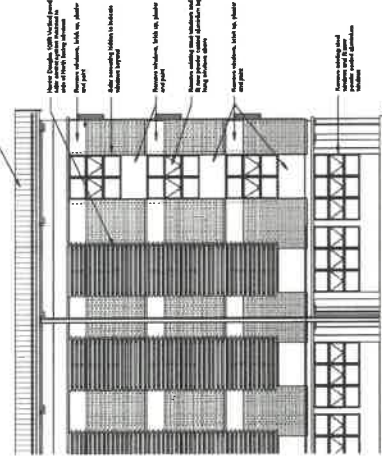
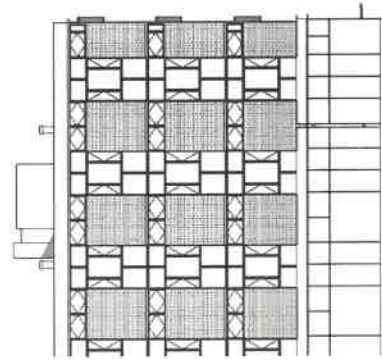
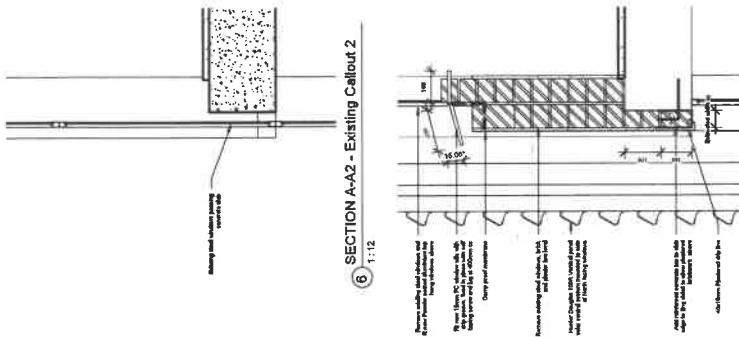
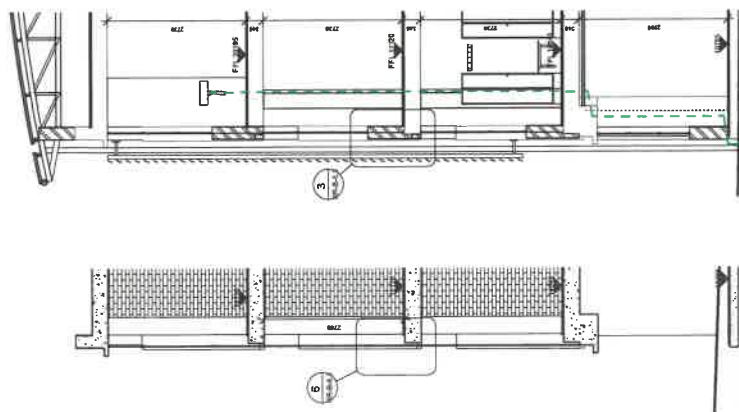
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Client	Department of Public Works
Project No.	1028/95
Project Name	Public Works & Infrastructure
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Project Name	Public Works & Infrastructure
Client	Department of Public Works
Project No.	1028/95
Project Name	Public Works & Infrastructure
Client	Department of Public Works
Project No.	1028/95



7 Bund wall plan

Note:
All cast in items positions and orientations to be confirmed by equipment manufacturers

No.	Date	Revision	Amendment	D.P.
Copyright used in the Department of Public Works				
as-built drawings				
Chief of Public Works, as an Authorized Employee Active and Valid CONTRACTOR REGISTRATION				
name:	Andrew Chelam			
date:	2014/05/13 14:25:02			
professional registration no.: PEACH 3471 (license b.a.u. u.a.u.)				



**public works
& infrastructure**

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

**DIRECTOR - GENERAL
ADV. SAM NUKELA**

consultant:



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ARCHITECTS

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Box 475
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Fax: 404/875-1201

designer: Architecture

**NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799**

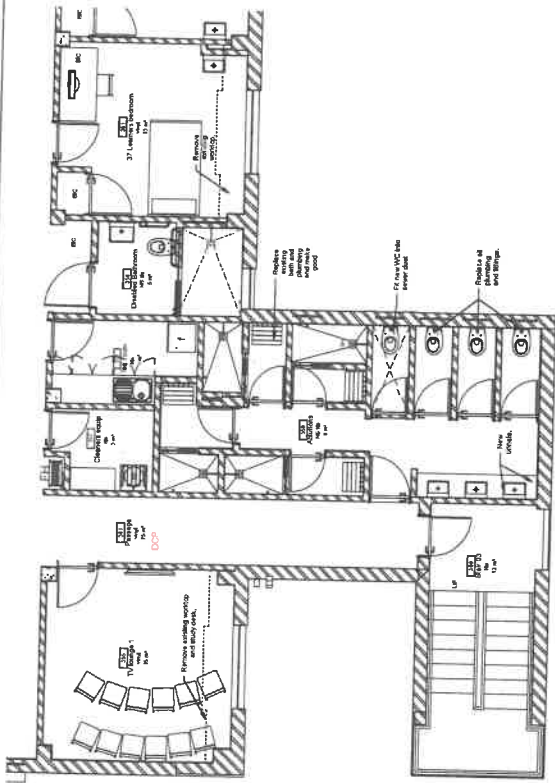
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CONSTRUCTION DETAILS - WINDOW FACADE & BUND WALL DETAILS

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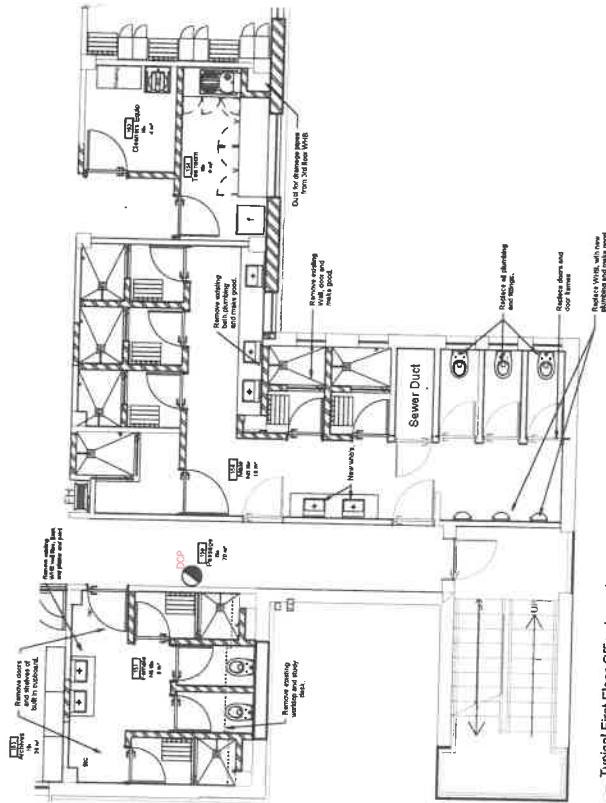
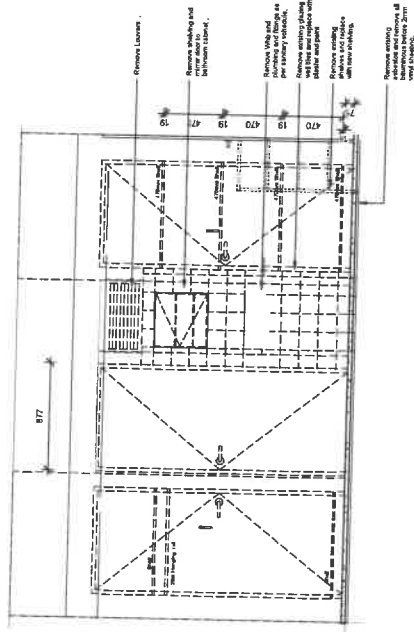
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A52725 / RR-B-6.3



2 Typical Accommodation Layout
1:50

1 Typical Room View
1:20



3 Typical First Floor Office Layout
1:50

No.	Date	Amendment	By

14-10-18 drawings Checked by: [Signature] Drawn by: [Signature]	
verified in accordance with the relevant standards and specifications Approved by: [Signature]	
Name	Author/Client
Date	2023/07/13 15:30:05
professional registration no. 2023/07/13 15:30:05 No. 2023/07/13 15:30:05	
end use name 14-10-18 drawings verified in accordance with the relevant standards and specifications Approved by: [Signature]	
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Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

DIRECTOR - GENERAL
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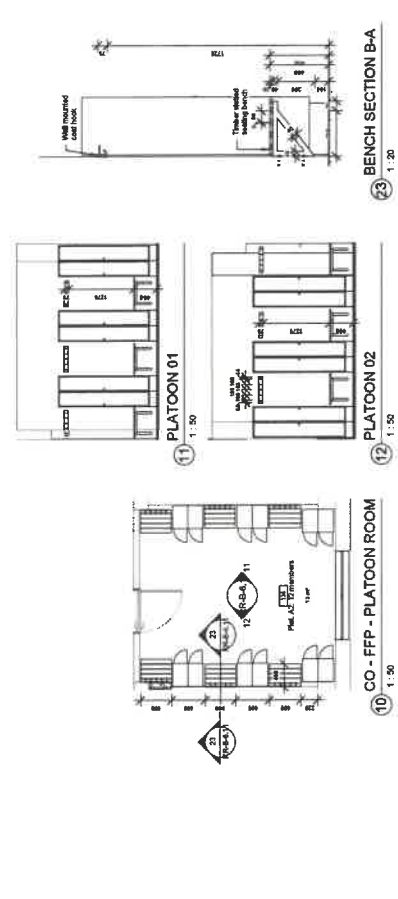
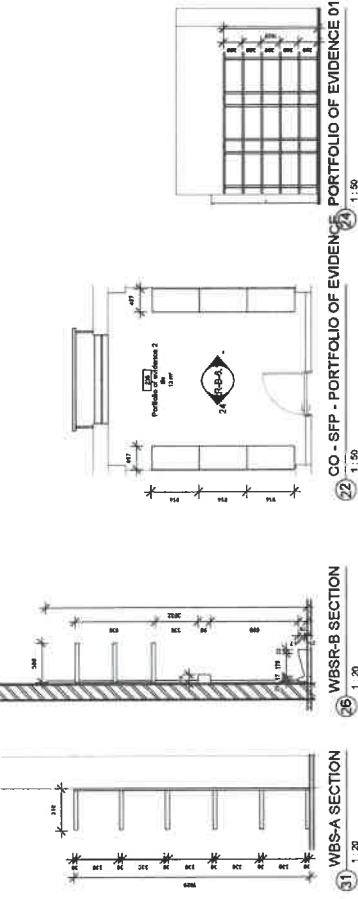
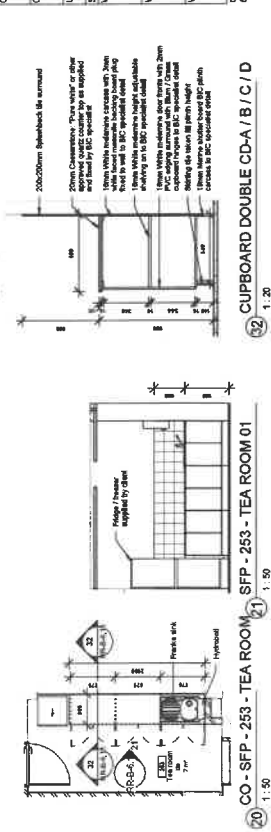
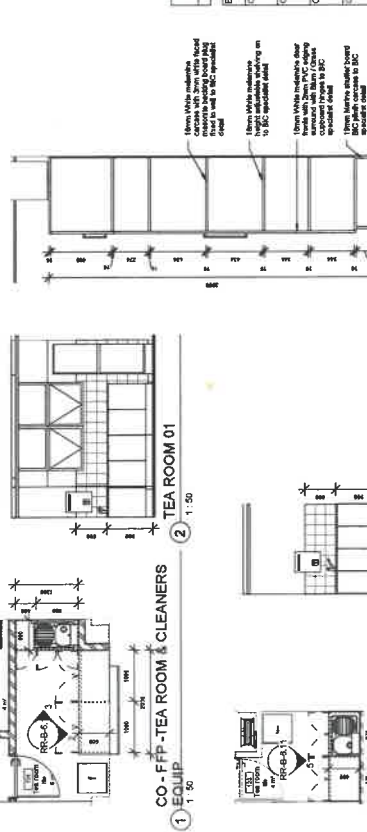
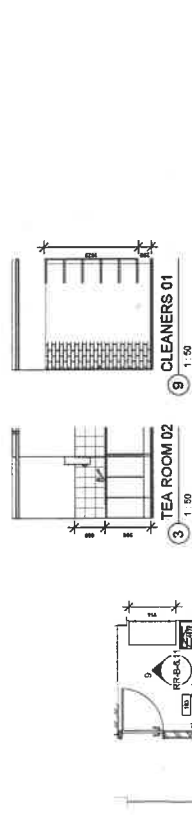
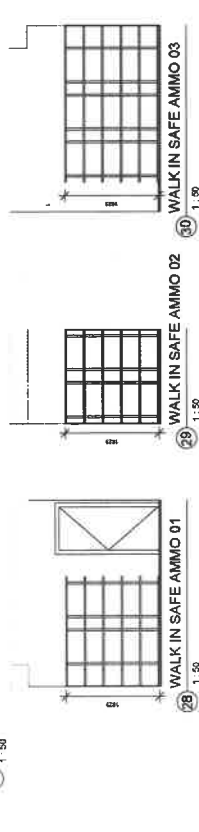
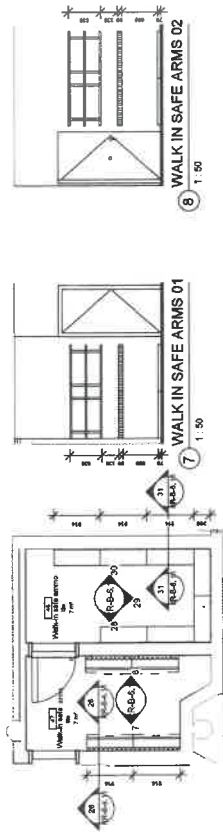
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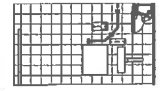
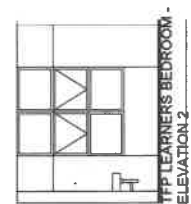
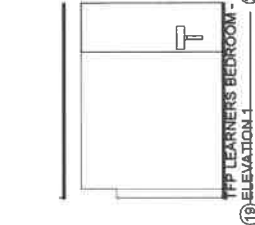
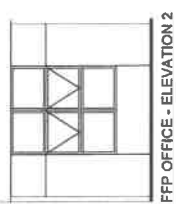
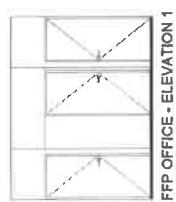
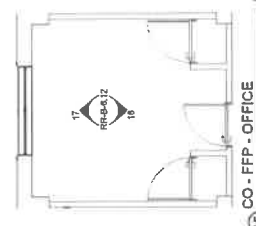
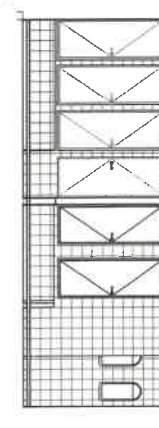
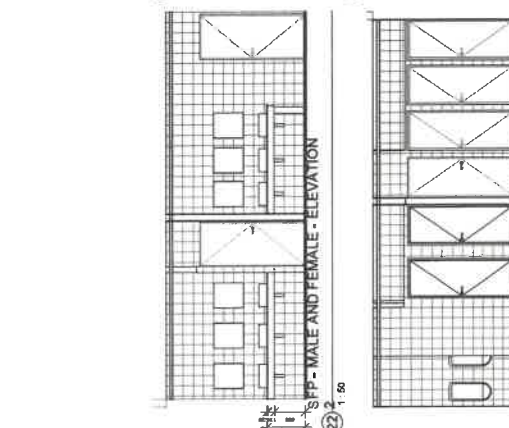
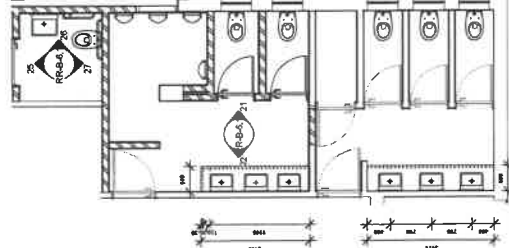
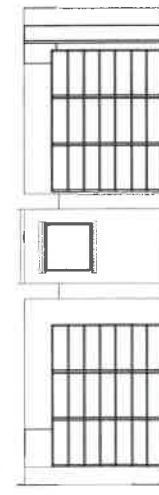
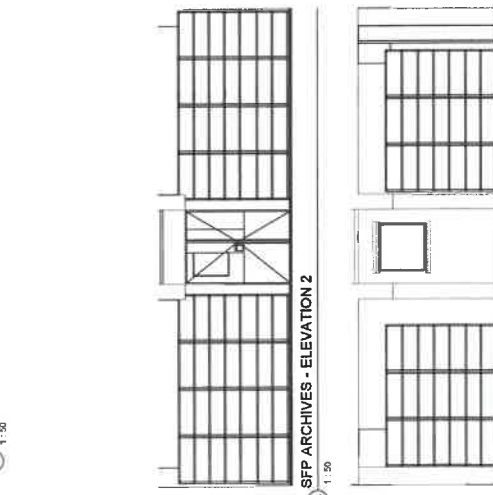
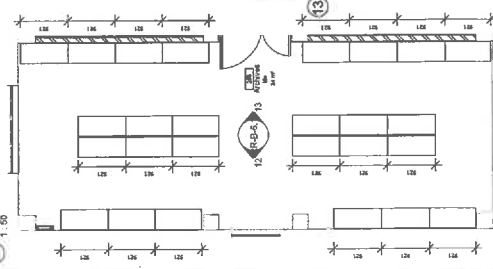
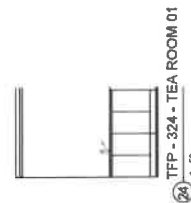
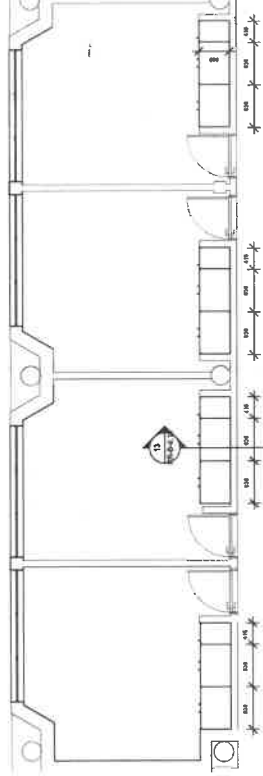
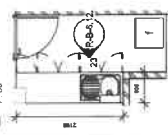
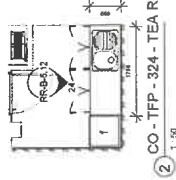
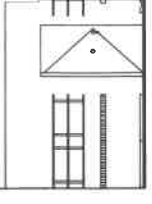
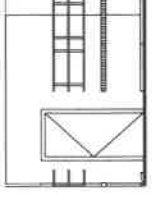
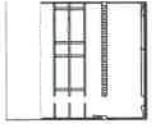
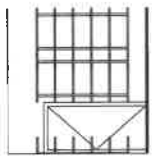
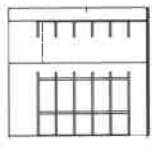
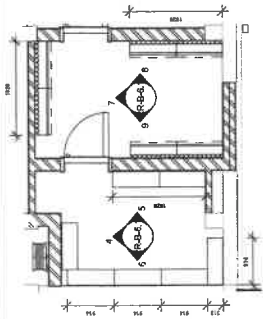
**NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799**

WCS number	046932
Drawing title	DETAIL ROOM LAYOUTS
Ref. No.	A25725/0981
As indicated	ACC
As indicated	JAM
Date	2023/07/13 15:30:05
Checked	ACC
Drawn	ACC
Drawn	ACC

A25725 / RR-B-6.10



Type	Block	Count	Finish	Type	Description
BA	120	Bench			GF Tinned wall hung, lower slider seating bench 650x300mm to detail.
DA	6	cupboard - double	650mm		2x GF UNIKAD ALU72/85 door mounted to wall p/ing fixed 500x200mm timber back plate 190mm above FFL to detail.
DA	6	cupboard - double	675mm		2x GF UNIKAD ALU72/85 door mounted to wall p/ing fixed 500x200mm timber back plate 190mm above FFL to detail.
DA	1	cupboard - double	660mm		Double 1st height cupboard 15mm White melamine carcass with 2mm PVC edging surround with 15mm White melamine board front carcass to BIC specified detail.
DA	2	cupboard - double	900mm		Double 1st height cupboard 15mm White melamine carcass with 2mm PVC edging surround with 15mm White melamine board front carcass to BIC specified detail.
DA	2	cupboard - full height	2600x30x400mm		Double 1st height cupboard 15mm White melamine carcass with 2mm PVC edging surround with 15mm White melamine board front carcass to BIC specified detail.
DA	4	cupboard - full height	2600x15x400mm		Double 1st height cupboard 15mm White melamine carcass with 2mm PVC edging surround with 15mm White melamine board front carcass to BIC specified detail.
DA	2	cupboard - single	400mm		Single full height cupboard 15mm White melamine carcass with 2mm PVC edging surround with 15mm White melamine board front carcass to BIC specified detail.
DA	69	closed storage 6 shelves	2710x517x340mm		Front Office & Storage Cupboard - Epoxy Powder coated steel Office type shelving, 6x1 x 340mm powder coated steel (7 off) at 260mm centres.
LA	224	Locker			Locker - Epoxy Powder coated steel Office type shelving, 6x1 x 340mm powder coated steel (7 off) at 260mm centres.
SSA	45	Solar sun control	817x350x50mm		Vertical Office & Storage Cupboard - Epoxy Powder coated steel Office type shelving, 6x1 x 340mm powder coated steel (7 off) at 260mm centres.
MSA	2	Wall panel 5 shelves	916x350mm		Vertical Office & Storage Cupboard - Epoxy Powder coated steel Office type shelving, 6x1 x 340mm powder coated steel (7 off) at 260mm centres.
MSB-B	90	Wall panel 6 shelves	916x407mm		Vertical Office & Storage Cupboard - Epoxy Powder coated steel Office type shelving, 6x1 x 340mm powder coated steel (7 off) at 260mm centres.
MSB-B-B	21	Wall panel 3 shelves & rifle rack	916x350mm		Vertical Office & Storage Cupboard - Epoxy Powder coated steel Office type shelving, 6x1 x 340mm powder coated steel (7 off) at 260mm centres.
Grand total	612				



U.S. Date	Amendment	P.P.N.
	Revision	
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<u>Technical Drawing</u> certified school meeting all per Compulsory Drawing Active AS-BUILT DRAWING REQUIREMENTS		
Name:	Andrew Clemons	
date:	2022/02/13 15:23:23	
professional registration no.:	Parch 2771 (none), S.A.S. North	

card file name	page type
DN1, PROJECT@alltopnet1, Police stations@vngaps - HU VAN ECK Buildings, Construction drawings@A1 10 11 12 MONTELEONE 11 Rev 13 and	A1



CONSULTANTS



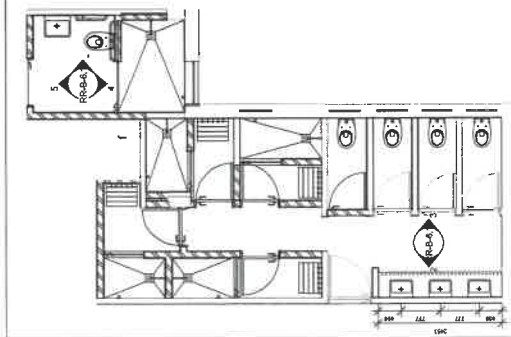
COOTE CLARKSON
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Bell Rock, 1390
Brimley, A.S. 10900

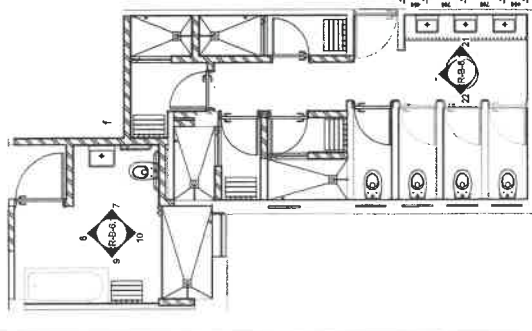
81 Parnell Road
P.O. Box 102
Leppington, 2175
Registration No. of Membership 857576461

services :
NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799

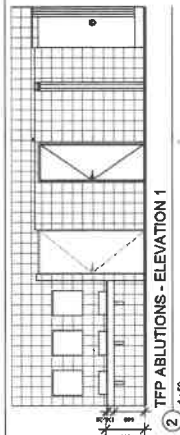
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drawing title	INTERNAL ROOM LAYOUTS, FIXED FURNITURE SCHEDULES & DETAILS 2
ref. no.	A257252861
scale	1:50
date	2023/09/19 16:32:33
DWG drawing info.	
designed	ACC
drawn	GNP
checked	ACC
A25725 / IR-B-6.12	



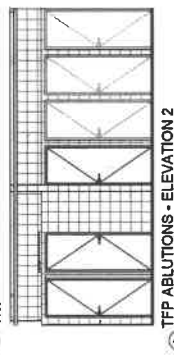
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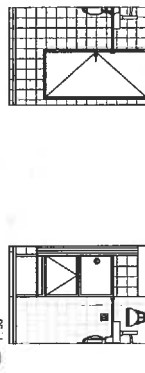
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2 TFP ABLUTIONS - ELEVATION 1 1:50

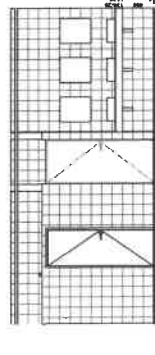


3 TFP ABLUTIONS - ELEVATION 2 1:50

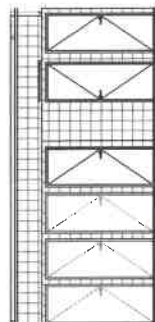


4 TFP DISABLED - ELEVATION 1 1:50

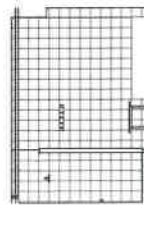
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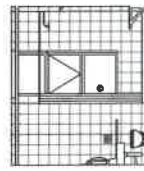
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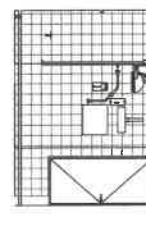
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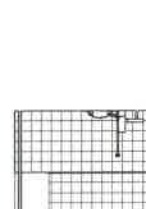
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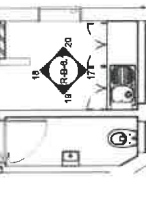
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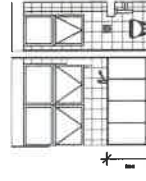
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8 TFP DISABLED 2 - ELEVATION 2 1:50



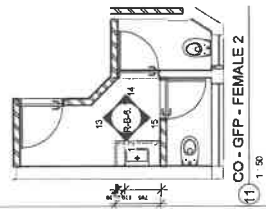
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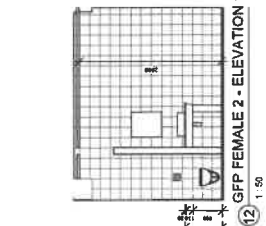
17 GFP - WC & KITCHENETTE - ELEVATION 1 1:50



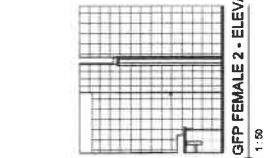
19 GFP - WC & KITCHENETTE - ELEVATION 3 1:50



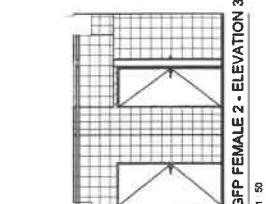
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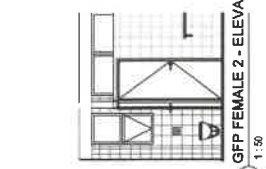
12 GFP FEMALE 2 - ELEVATION 1 1:50



13 GFP FEMALE 2 - ELEVATION 3 1:50



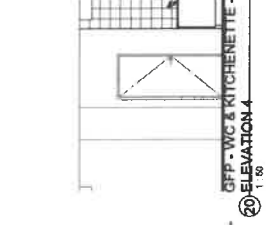
14 GFP FEMALE 2 - ELEVATION 4 1:50



15 GFP FEMALE 2 - ELEVATION 1 1:50



18 GFP - WC & KITCHENETTE - ELEVATION 2 1:50



20 GFP - WC & KITCHENETTE - ELEVATION 4 1:50

No.	Date	Amendment	Revision
01			

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public works & infrastructure

Department: Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

DIRECTOR: GENERAL
JAN VAN DER MERWE

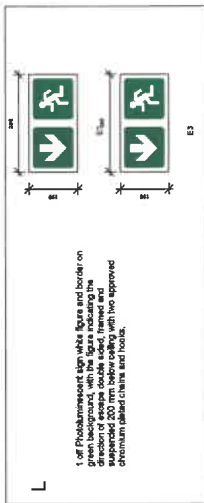
COOTE CLARKSON

51 Fynbos Road
Durbanville 7601
Lafayette 3170
Durbanville 7601

Architecture

NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799

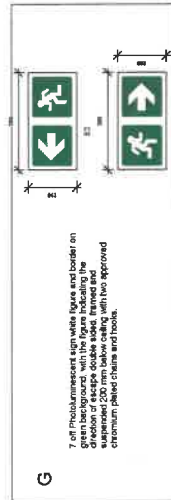
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drawing file:	
INTERNAL ROOM LAYOUTS, FIXED FURNITURE SCHEDULES & DETAILS 4	
ref. no. A25725/2001	designed ACC
scale 1:50	drawn GNP
date 2023/02/13 15:34:12	checked ACC
DPW number no.	
A25725 / RP-B-6.14	



**public works
& infrastructure**

Department
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

DIRECTOR • GENERAL
ADM. SANI WUKELA



DOOR NUMBER
Scale 1:1

200 X 100 X 3 mm anodized aluminium plate with 10 mm high engraved upper case "Trade Build Concentrated" font, lettering 10 characters each. Colour as per door number signage schedule. Tag fixed to the door frame with 2 times pointers.

**NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799**

1:10

SIGNAGE FIRE & ESCAPE

SIGNAGE • KEY TAGS

1

WCS number. 045032

4935

**SIGNAGE - FIRE ESCAPE & DOOR
SIGNAGE**

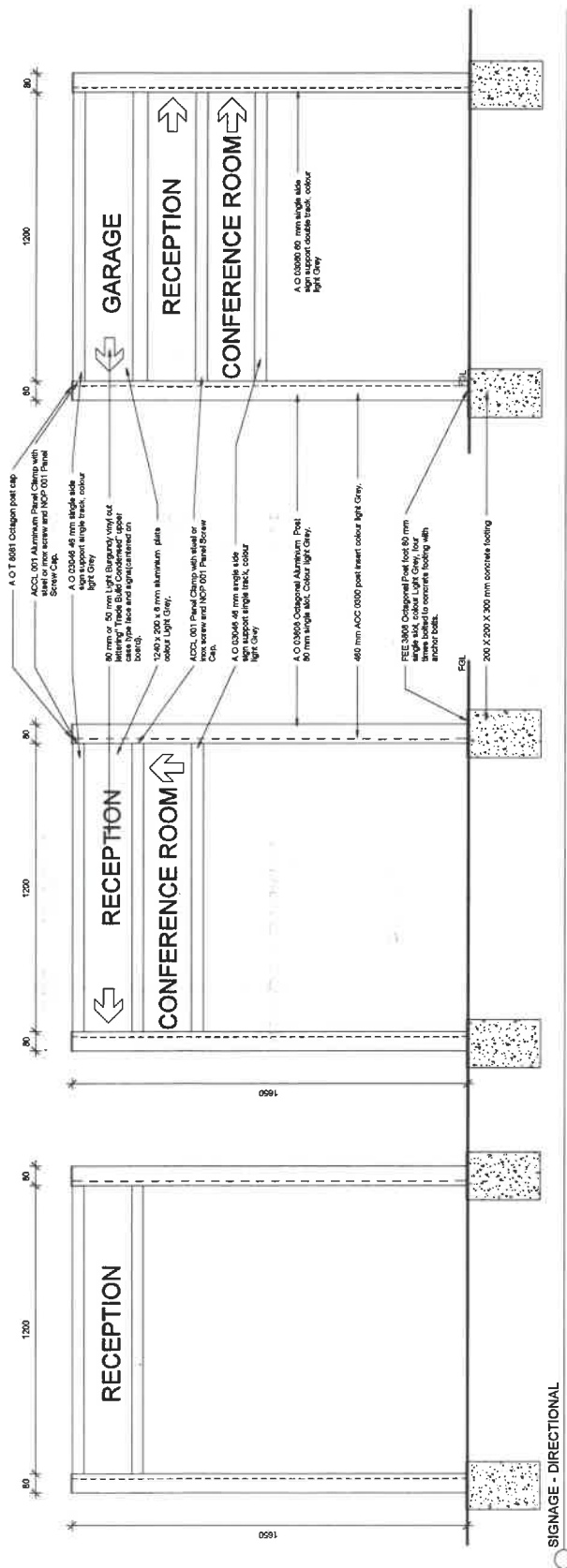
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date _____ All indicated

2023/02/13 10:

A25725 / RR-B-6.20

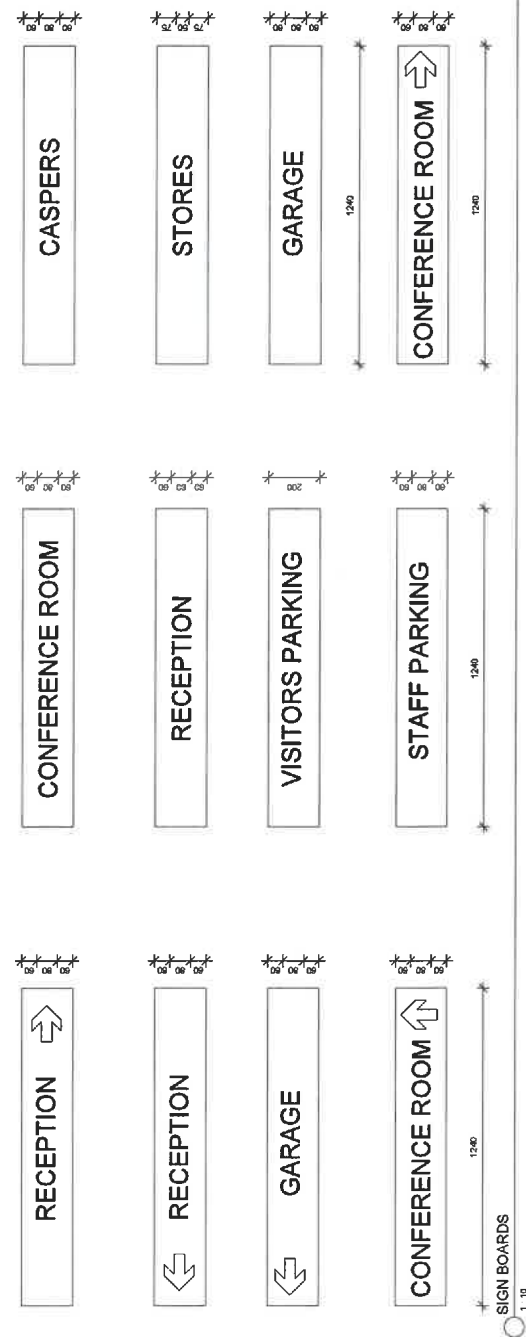
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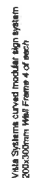
service: NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799
VCS number: 046032

ref. no.	A25725/2991	designed	J.M.
scale	1 : 10	drawn	G.L.P.
date	2023/02/13 18:35:21	checked	A.C.C.

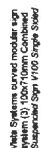
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A25725 / RR-B-6.21

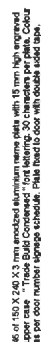




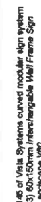
1:10



Circle Systems curved modular sign system (3) 100x710mm Combined Suspended Sign V100 Double Sided



9.9



9.9

certified exhibit drawings as per Centimised Drawings
Active AS-BUILT DRAWINGS REQUIREMENTS

name:	Audrey Clarkson
date:	2023/02/13 18:55:47
professional registration no.:	Pr. Arch 7471 (incorp.) b.a.s.s. & arch.

call file name	page type
Q.N. PROJECTS/Buildings, Police stations/US/Dep - HJ	A1
VAN ECK Buildings, Constitution drawings/US/4 B -	
MOORE World B Rev 13.2d	



consent:



COOTE CLARKSON
ASSOCIATES

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Duncker Estate
Ball Road, Epsom
Surrey, U.K. TW20 6JH

registered no. of company 2907603/21

architecture

**NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799**

WC6 number: 046032

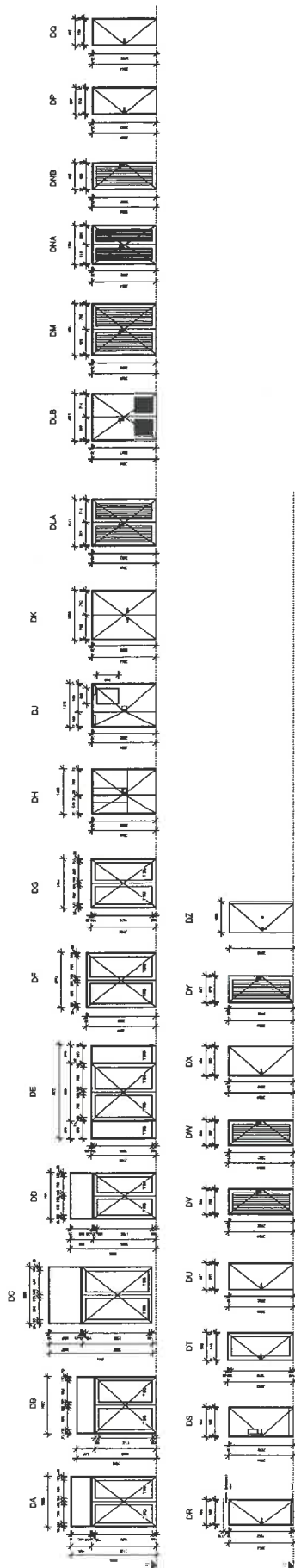
driving site

SIGNAGE - INTERIOR & ROOM NAMES

ref. no.	A257252981	designed	JUM
scale	A4 indicated	drawn	GLP
date	2024/02/13 16:35:47	checked	ACC

DPW drawing no.

A25725 / RR-B-6.22

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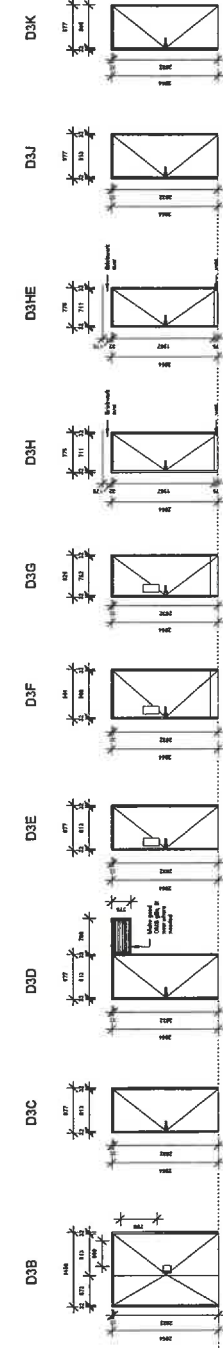
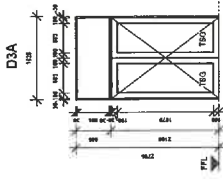


Door Elevations - 1ST

D2A

Door Elevations - 2nd

Door Schedule - 2ND FLOOR



Door Elevations - 3rd

Door Schedule - 3RD FLOOR

Mark	Count	Height	Width	Glazing	Door leaf size	Door	Leaf finish	Frame finish	Hardware
D3A	1	2100	1400	See longitudinal entry data	OF 2076/1545mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm
D3B	2	2044	1400	See longitudinal entry data	OF 2076/1545mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm
D3C	4	2044	1400	See longitudinal entry data	OF 2076/1545mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm
D3D	4	2044	1400	See longitudinal entry data	OF 2076/1545mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm
D3E	2	2044	1400	See longitudinal entry data	OF 2076/1545mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm
D3F	2	2044	1400	See longitudinal entry data	OF 2076/1545mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm
D3G	4	2044	1400	See longitudinal entry data	OF 2076/1545mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm
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D3J	4	2044	1400	See longitudinal entry data	OF 2076/1545mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm
D3K	4	2044	1400	See longitudinal entry data	OF 2076/1545mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm	Wingless No. 14 system powder coated aluminium double door set back by 10mm



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Website: www.cooteclarkson.co.za

NEWCASTLE SAPS;
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799

ref no: A25725/0991
scale: 1:50
date: 2023/03/13 16:40:08
DWG: drawing no.
A25725 / RP-B-7.3



Western Boulevard 3RD FLOOR									
Station				Floor				Area	
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2	10	10	10	12	10	10	10	100	100
3	10	10	10	13	10	10	10	100	100
4	10	10	10	14	10	10	10	100	100
5	10	10	10	15	10	10	10	100	100
6	10	10	10	16	10	10	10	100	100
7	10	10	10	17	10	10	10	100	100
8	10	10	10	18	10	10	10	100	100
9	10	10	10	19	10	10	10	100	100
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13	10	10	10	23	10	10	10	100	100
14	10	10	10	24	10	10	10	100	100
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16	10	10	10	26	10	10	10	100	100
17	10	10	10	27	10	10	10	100	100
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23	10	10	10	33	10	10	10	100	100
24	10	10	10	34	10	10	10	100	100
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33	10	10	10	43	10	10	10	100	100
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35	10	10	10	45	10	10	10	100	100
36	10	10	10	46	10	10	10	100	100
37	10	10	10	47	10	10	10	100	100
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39	10	10	10	49	10	10	10	100	100
40	10	10	10	50	10	10	10	100	100

[illegible]

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ARCHITECTS

1000 10th St. S.W.
Atlanta, GA 30334
Tel: 404/525-1100
Fax: 404/525-1101

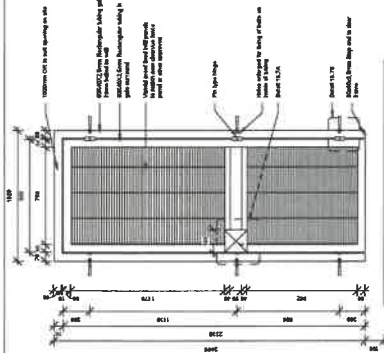
1100 Peachtree St. N.E.
Atlanta, GA 30309
Tel: 404/525-1100
Fax: 404/525-1101

**NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6789**

WINDOW SCHEDULE 2ND & 3RD FLOOR

col. no.	A35775/2981	Sampled	ACG
Depth	1 : 50	from	CHP
date	2003/02/13 18:45:04	Sorted	ACG

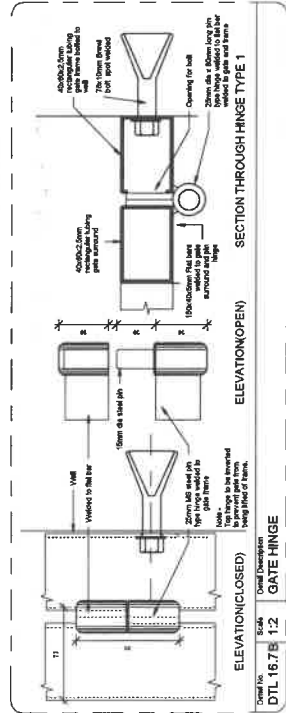
CPH printing ms



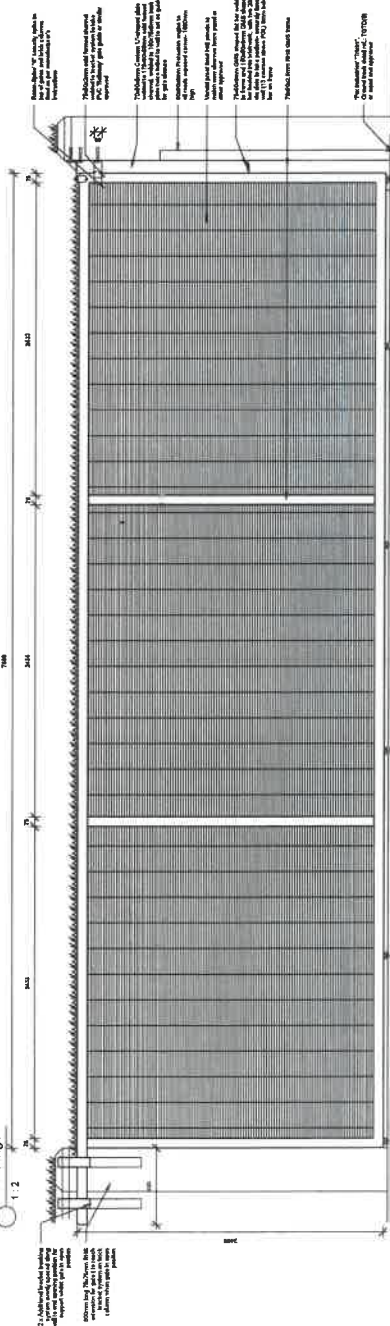
GATE TO OPEN DUCT AREAS: DOOR DZE PLAN
SCALE 1:20

Gate
1:20

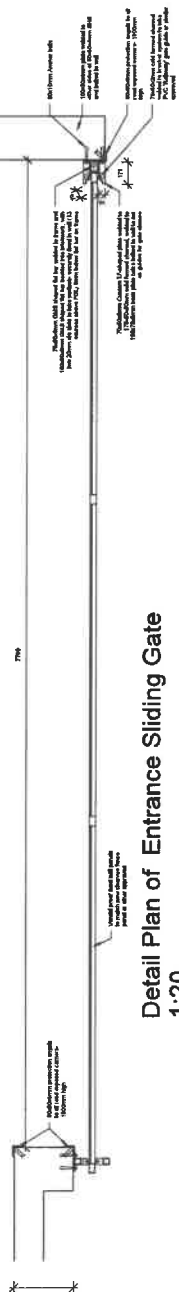
GATE TO OPEN DUCT AREAS: DOOR DZE ELEVATION
SCALE 1:20



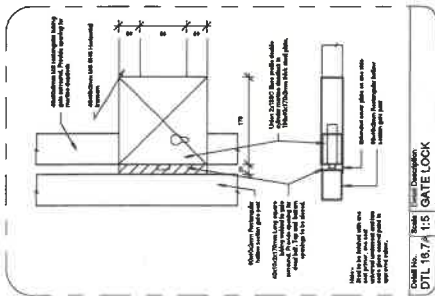
Gate hinge
1:20



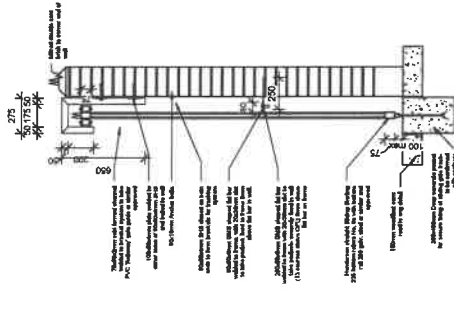
Interior Elevation of Entrance Sliding Gate
1:20



Detail Plan of Entrance Sliding Gate
1:20



GATE LOCK
1:5



Track Detail Section
1:20



public works
& infrastructure
REPUBLIC OF SOUTH AFRICA

DIRECTOR - GENERAL
ART SAM VUNELA



COOTE CLARKSON
ARCHITECTS
118 BROADWAY
Johannesburg, 2001

ARCHITECT

NEWCASTLE SAPS:
REPAIRS AND RENOVATIONS
TO
HJ VAN ECK BUILDINGS
ERF 6799

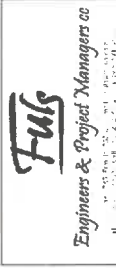
VCD NUMBER: 046032

CONSTRUCTION GATE DETAILS

REF: NO. A25725/2001
DATE: 2023/02/13 10:44:40
DRAWING NO. A25725 / RR-E-6.1

ELECTRICAL DRAWINGS

LUMINAIRE INSTALLATION INSTRUCTIONS			
1	Install galvanneel steel P4000 universal in passage		
2	Use galvanneel steel P4000 universal in passage		
3	Use galvanneel steel P4000 universal in passage		
4	Use galvanneel steel P4000 universal in passage		
5	Use galvanneel steel P4000 universal in passage		
R	DATE	AMENDMENT	D.P.W.
Copyright reserved to the Department of Public Works			
Call the name			



NEWCASTLE REPAIRS AND RENOVATIONS TO DECENTRALISED TRAINING FACILITY FOR SAPS

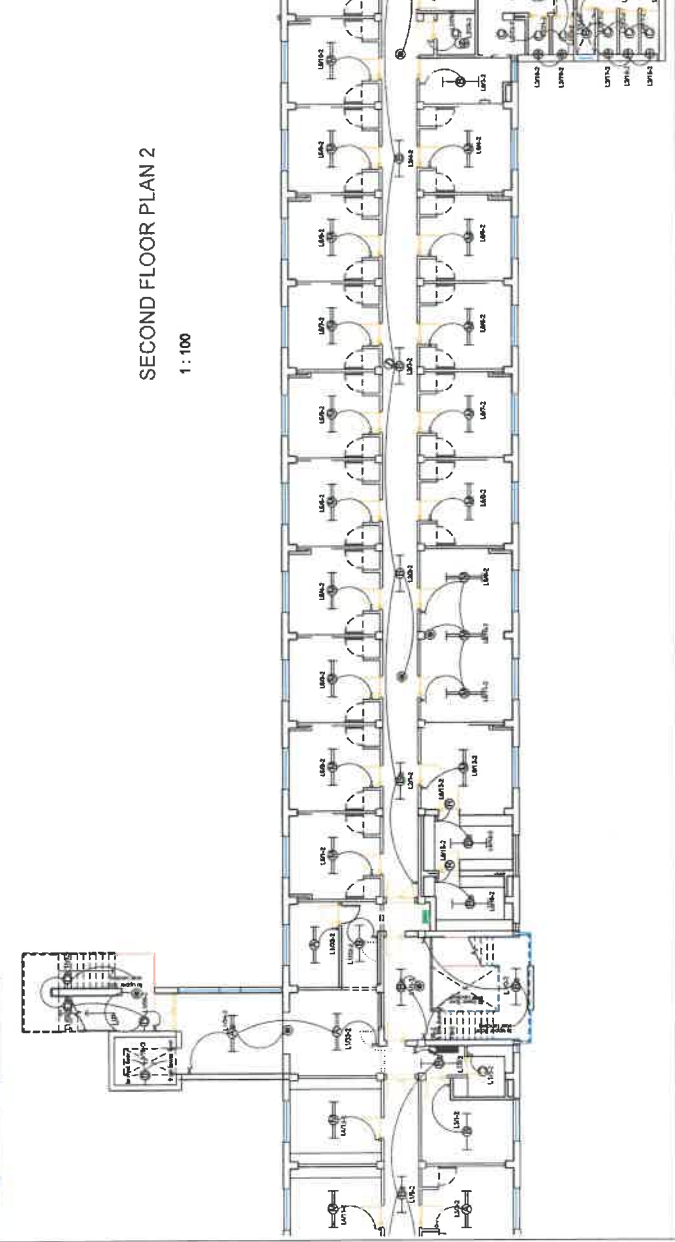
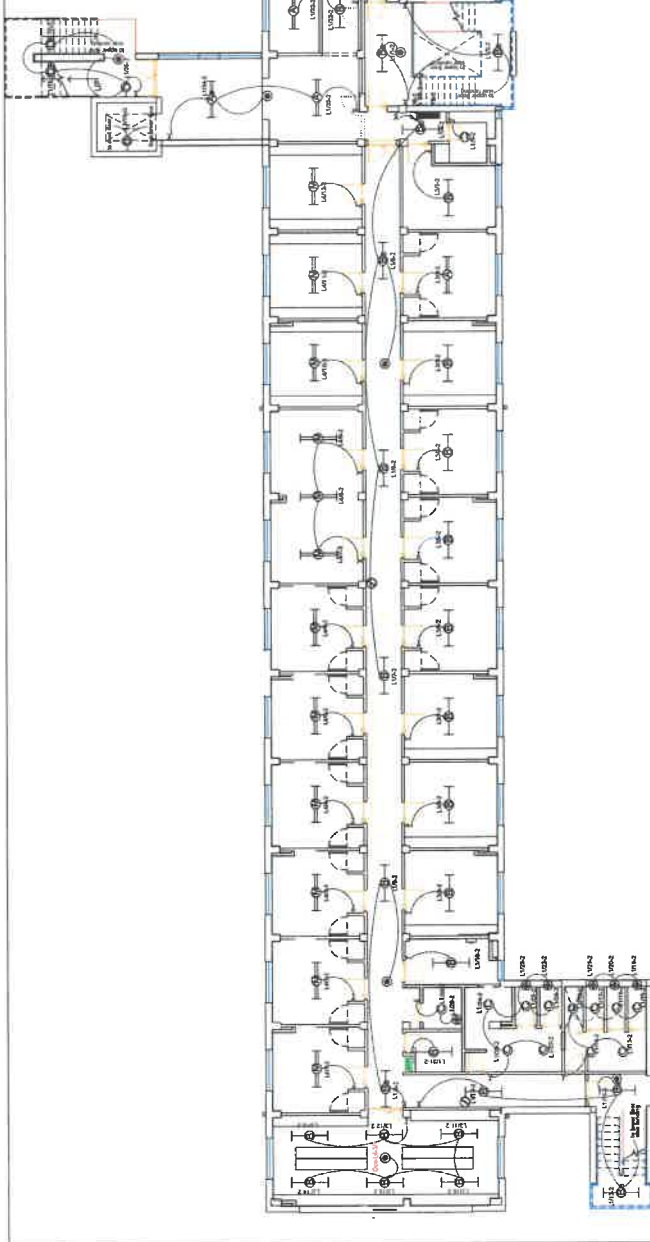
FLOOR PLANS
SECOND FLOOR
ELECTRIC LIGHTING

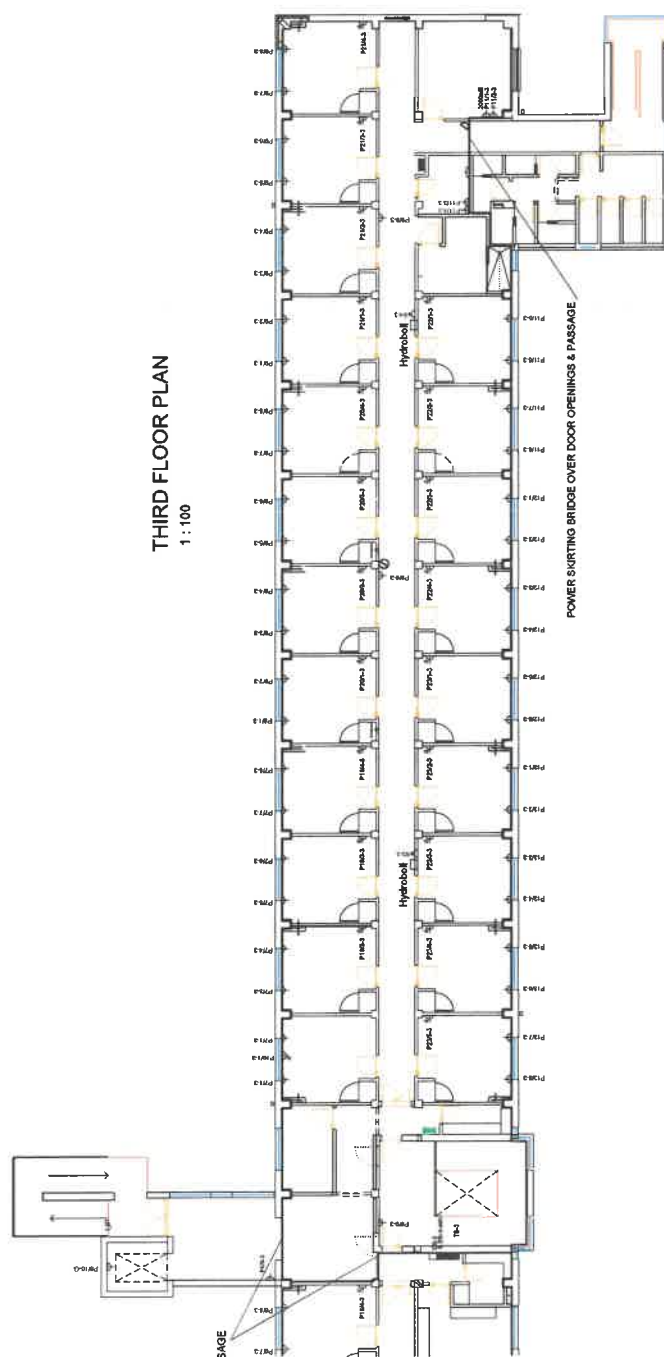
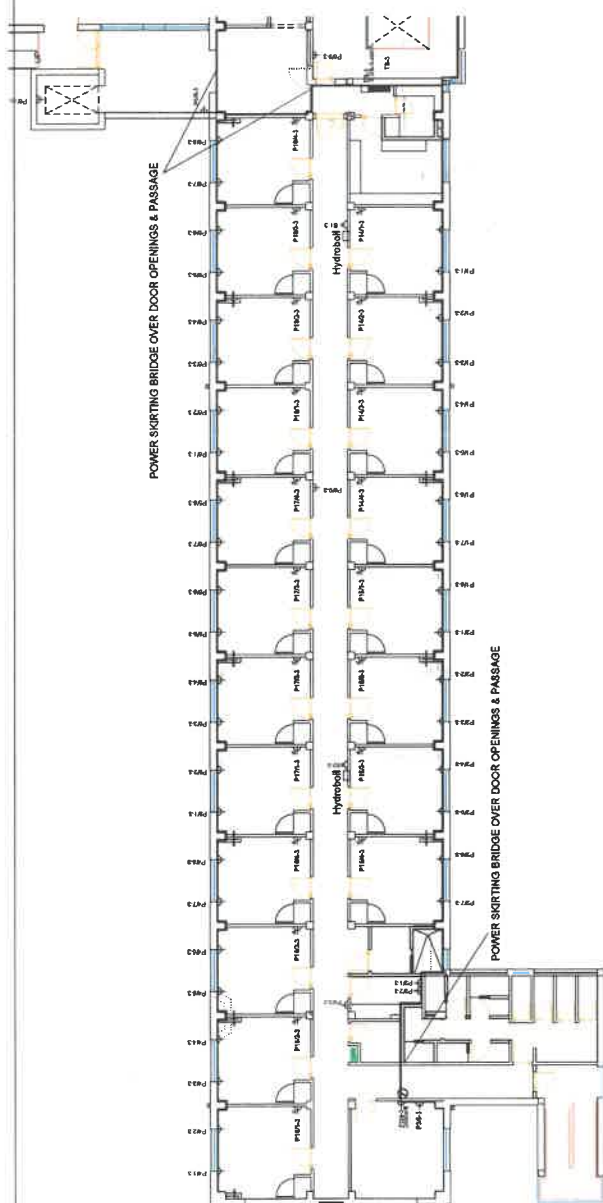
WCS: 046032 E	Drawn: R.J.F. Pr. Eng
6/17/2020/08/26/2	Scale: 1:100
2010/07/09 09:35:50 AM	Type number: R.J.F.
Sheeting no.:	E10805-12

SCHEDULE OF LUMINAIRES	
Item	Description
A	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
B	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
C	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
D	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
E	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
F	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
G	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
H	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
I	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
J	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
K	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
L	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
M	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
N	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
O	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
P	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
Q	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
R	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
S	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
T	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
U	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.



SCHEDULE OF LUMINAIRES	
Item	Description
A	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
B	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
C	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
D	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
E	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
F	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
G	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
H	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
I	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
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L	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
M	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
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P	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
Q	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
R	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
S	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
T	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.
U	Industrial 2x 40W LED surface mounted luminaire with mid-power LED strip with color 6000K, with SANS approved mark.





ELECTRICAL	
1	1000 watt
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99	1000 watt
100	1000 watt

POWER OUTLET INFORMATION		DRAWING	
REV	DATE	AMENDMENT	D.P.W.

This is a detailed architectural floor plan of a building, likely a school or institutional structure. The plan shows a central corridor system with multiple rooms on either side. The rooms are numbered, and the plan includes details such as door swings, furniture placement, and room layouts. A central courtyard is visible, and the plan is oriented with a north arrow. The drawing is a technical architectural representation with precise lines and labels.

LUMINAIRE INSTALLATION INSTRUCTIONS		
1	Uninstall luminaire from all other rooms. Uninstall luminaire from all other rooms.	
2	Uninstall luminaire from all other rooms. Uninstall luminaire from all other rooms.	
3	Uninstall luminaire from all other rooms. Uninstall luminaire from all other rooms.	
Rev#	DATE	D.P.W.
Copyright © 2000 by the Department of Public Works		
end of file		



**Department of
Public Works**

Department:
Public Works

REPUBLIC OF SOUTH AFRICA

DIRECTOR-GENERAL
Adm Sam Vuleke



Engineers & Project Managers cc

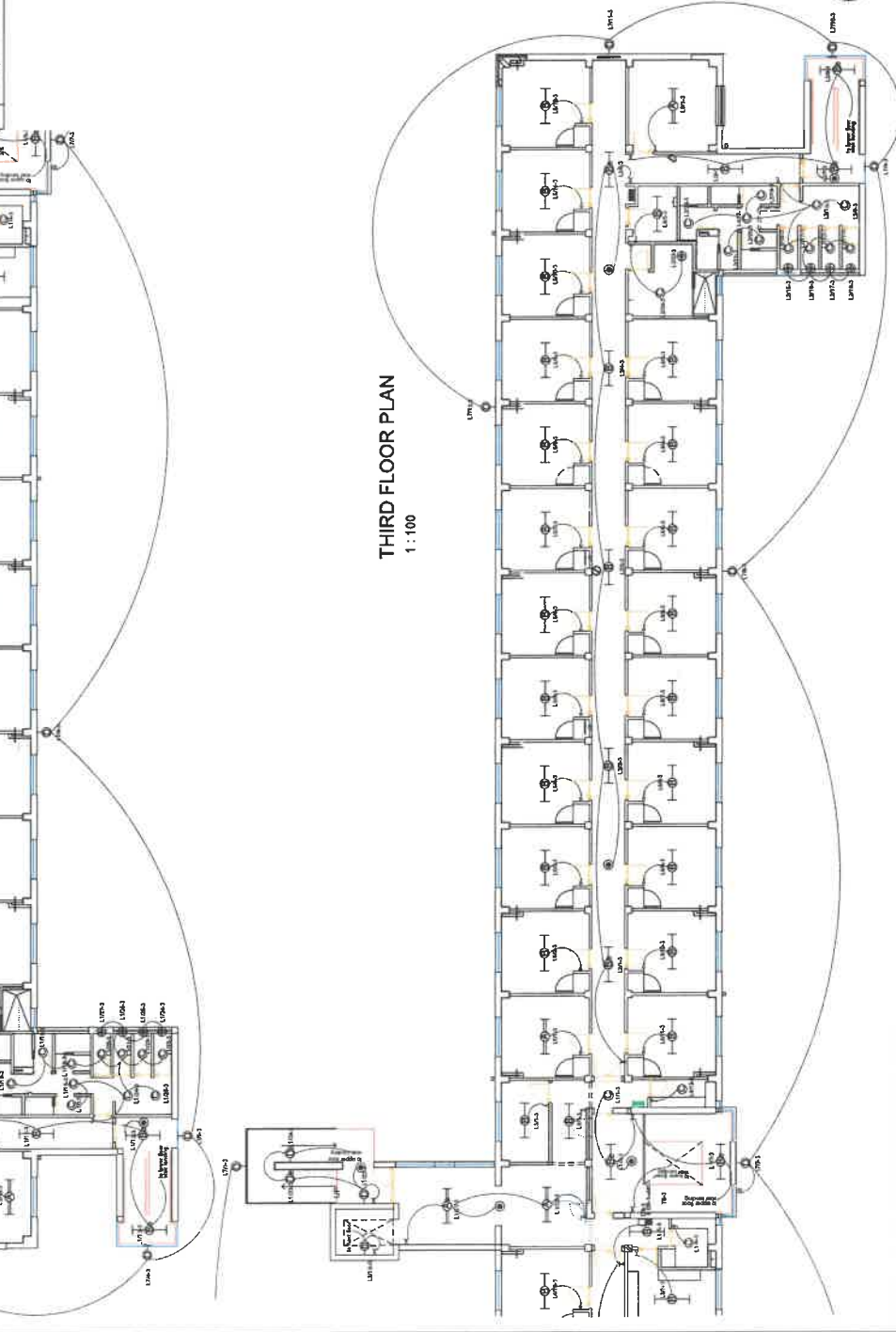


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environmental architecture
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Suite 1000
Beverly Hills, CA 90210
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Fax: 310-274-1101
www.cooteclarkson.com

NEWCASTLE REPAIRS AND
RENOVATIONS TO
CENTRALISED TRAINING
FACILITY FOR SAPS

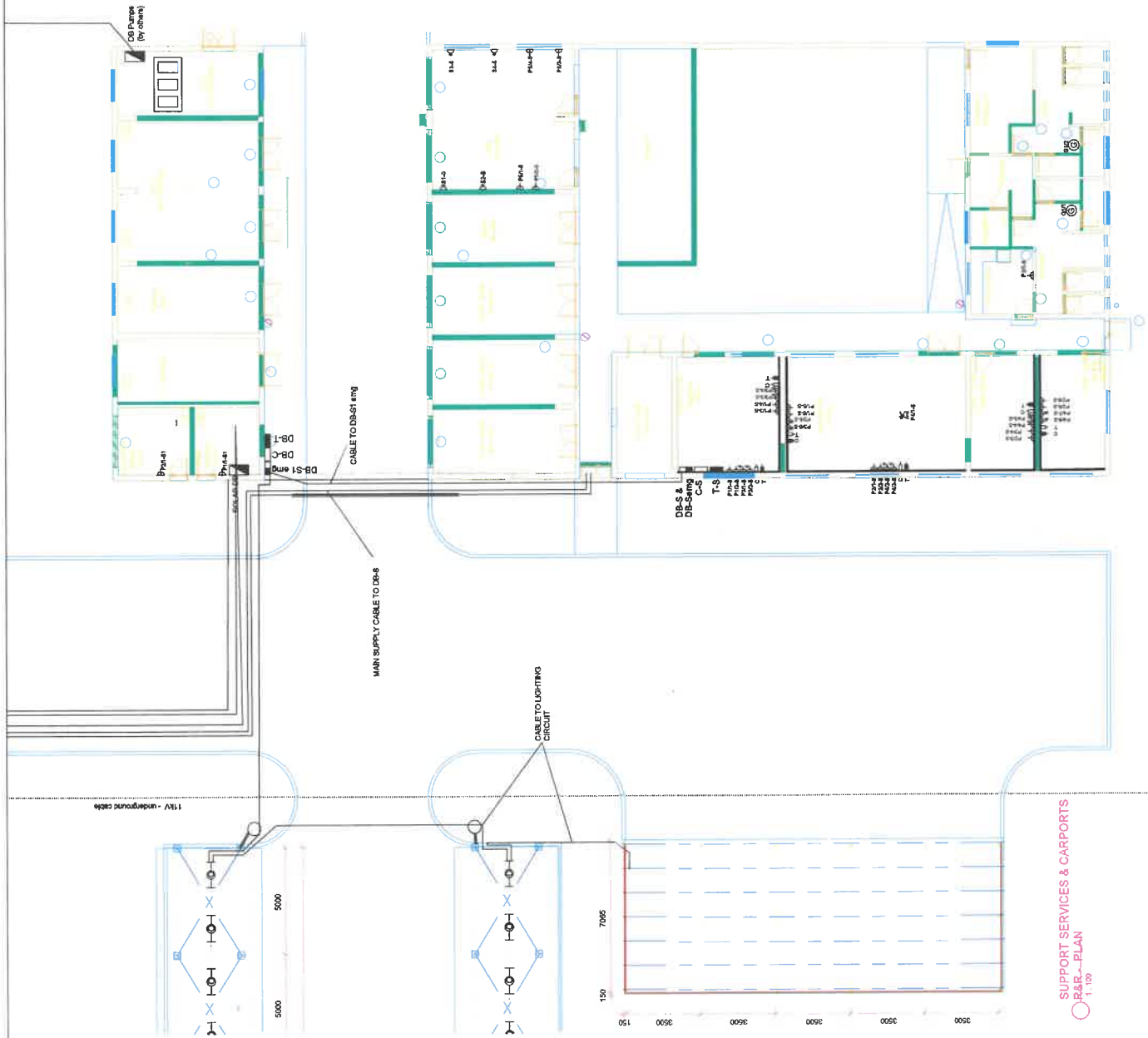
FLOOR PLANS
THIRD FLOOR
ELECTRIC LIGHTING

CS: 046032 E	Despatched	RJ-Fuls Pr. Eng
No. 172/0208/26/2	Drawn	RJF
Qty. 1 : 100	Checked	RJF
For print issued		
10/07/08 09:36:56 AM		
number		
ing no.		E10805-14



THIRD FLOOR PLAN
100

[illegible]



 SANS164-2-2 outlet: No other male outlet fits the female outlet
 SANS164-2-1 combined with 16A
 SANS164-1 three point on power; asking
 Wall mount SANS 164-1 three point outlet must have SANS164-3 one point combined
 SANS164-3 all Alcon and Special outlets labelled "AC" or "S" shall be isolators and not socket outlets

NO.	DATE	AMENDMENT	D.P.W.
-----	------	-----------	--------

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COOTE CLARKSON
ARCHITECTS

phone 032 - 566 0852
146 Barnwell Drive
Dunblair, Florida
Ball Road

directors : N.A. Shrivastava

Sanvins

**NEWCASTLE SAPS: REPAIRS
AND RENOVATIONS TO
HJ VAN ECK BUILDINGS**

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**SUPPORT SERVICES &
CARPORTS PLAN - R&R**
Electrical POWER & COMMS

WCS: 046032 E

rel. no. 6172/0208/26/2

Scale 1 : 100 Drawn R.J.F

Date print tested	Checked
2010/07/06 08:38:56 AM	RJF

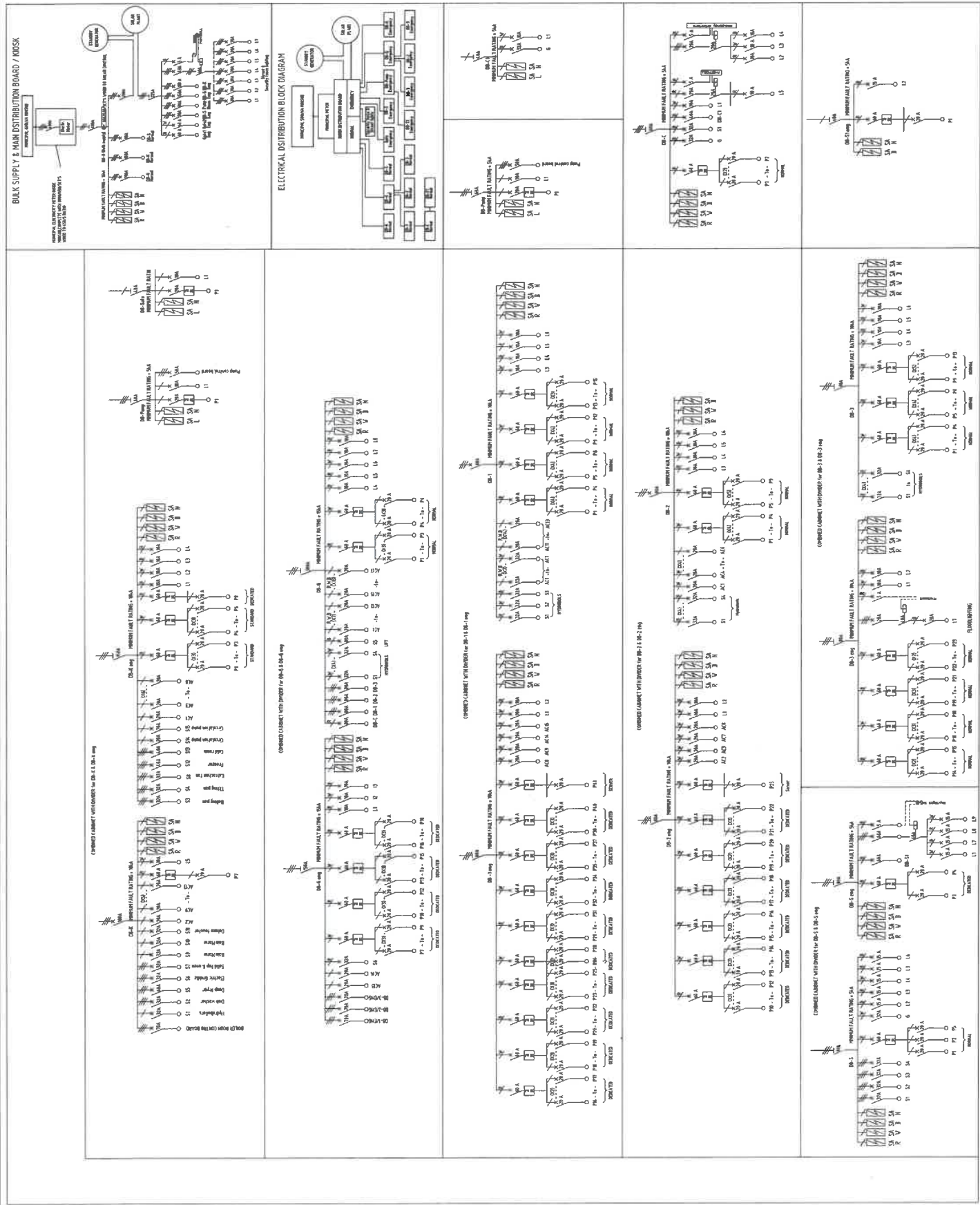
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E10805-15

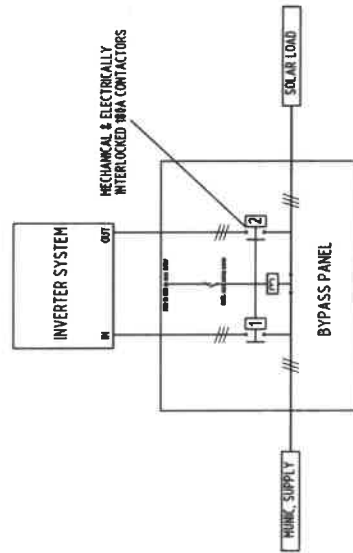


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ref. no. 17/02/0208/26/2	Drawn	RJF
Scale 1 : 100	Checked	RJF
Title: project based	Type number	201007009 09:36:56 AM
drawing no.		
E10805 E-09		

① GFP General
1 : 100

[illegible]

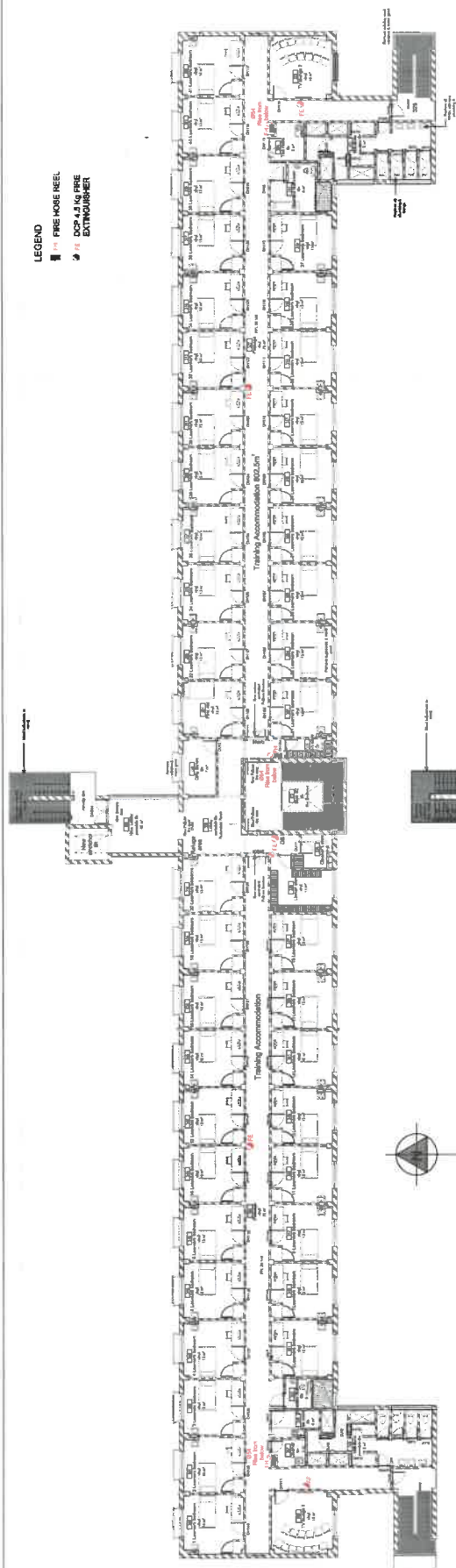
3-compartment DB panel, surface mounted with lockable doors



MECHANICAL DRAWINGS

FOR TFI

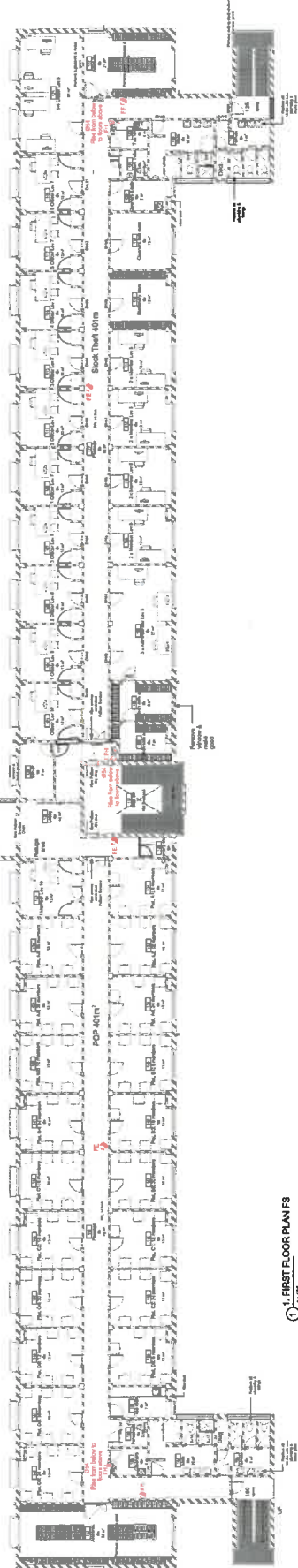
LEGEND
■ FIRE HOSE REEL
▲ 500L FIRE EXTINGUISHER



③ 3. THIRD FLOOR PLAN F3
1:100



② 2. SECOND FLOOR PLAN F2
1:100



① 1. FIRST FLOOR PLAN F1
1:100

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NEWCASTLE SAPS: REPAIRS
AND RENOVATIONS TO
HJ VAN ECK BUILDINGS

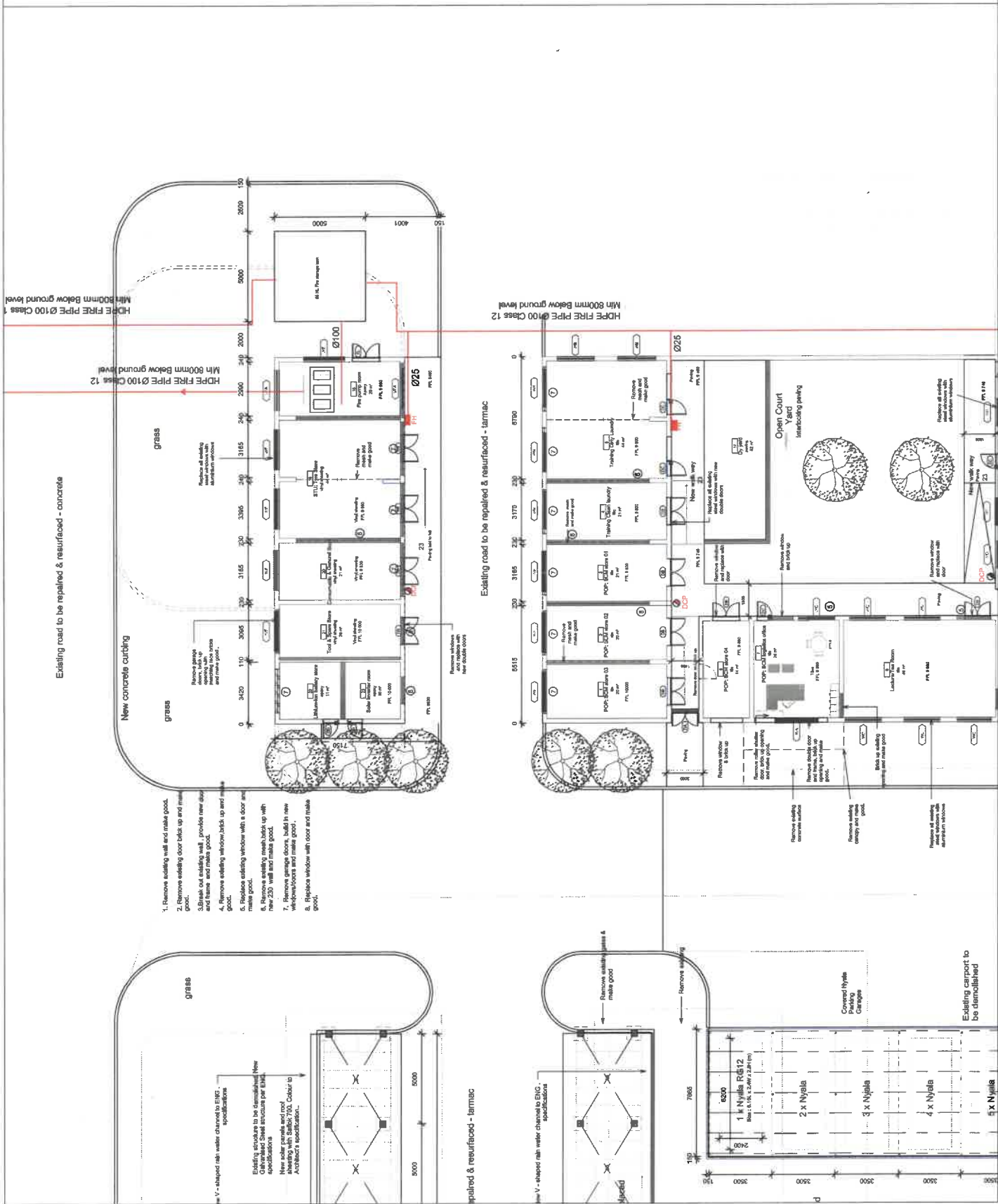
FIRST, SECOND AND THIRD
FLOOR
FIRE SUPPRESSION

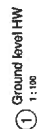
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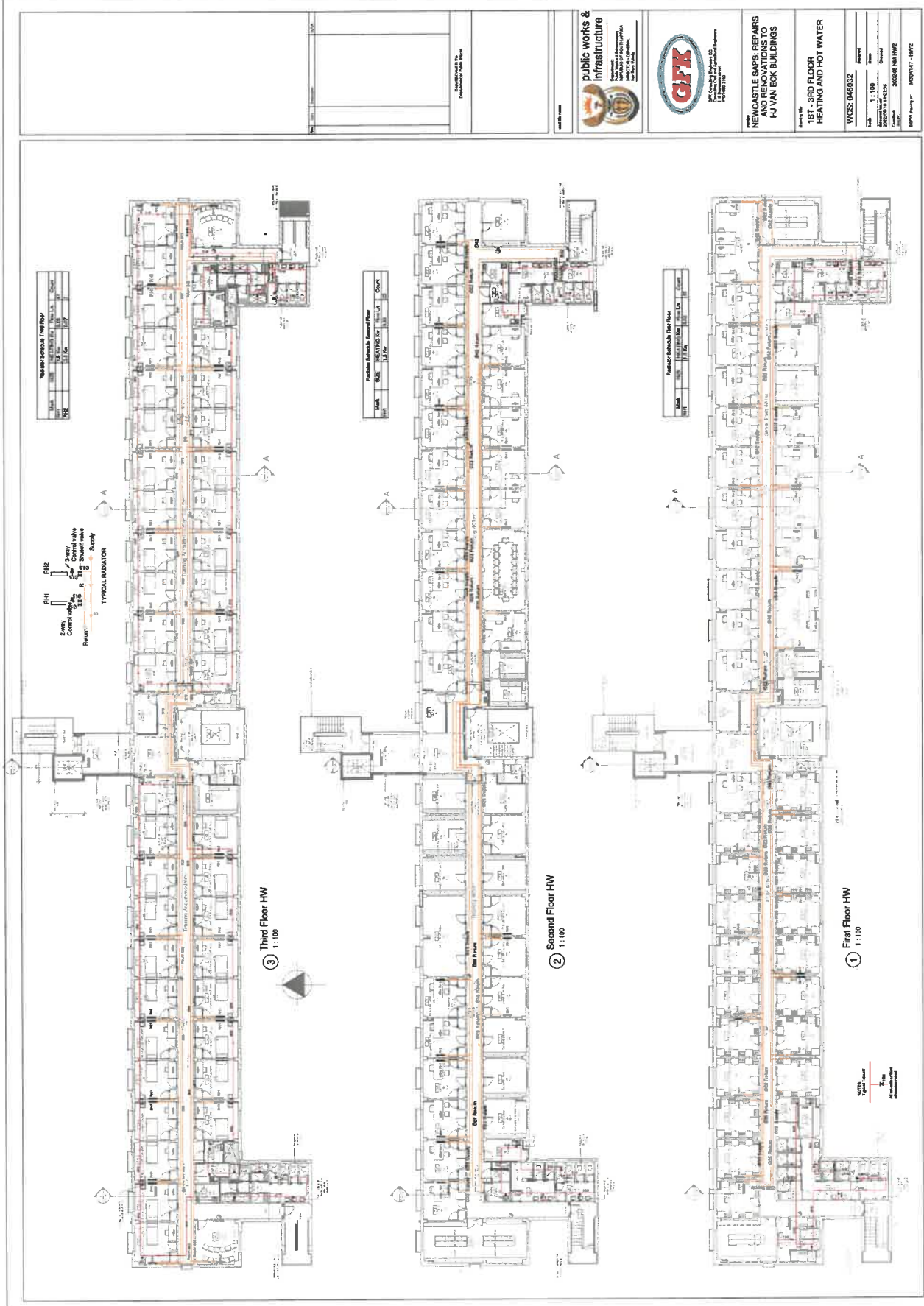
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Scale	1:100
Drawn by	1077680 1208
Checked by	1077680 1208
Drawn by	1077680 1208
Checked by	1077680 1208

Continued on: MSA147-F33

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 public works Department of Public Works REPUBLIC OF SOUTH AFRICA DIRECTOR - GENERAL A.J. MABASA		
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2 Corporate House 3370 Tel: 021 437 1800 Fax: 021 437 1804 info@cooteclarkson.co.uk		
Services: NEWCASTLE SAPS, REPAIRS AND RENOVATIONS TO HJ VAN ECK BUILDINGS		
drawing title SUPPORT SERVICES FIRE SUPPRESSION		
WCS: 046032		
Scale Date of issue 30/01/2023 Drawing no. 300246-FS4 Drawing no. M304147-FS4		







public works & infrastructure

NEWCASTLE SAPS: REPAIRS AND RENOVATIONS TO H/VAN EXR BUILDINGS

1ST - 3RD FLOOR HEATING AND HOT WATER

WSS: 046032

Scale: 1:100

Client: NEWCASTLE CITY COUNCIL

Contract: 2004/05 H/VAN EXR

Drawn by: 10/04/07

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WILLOWDALE 2006

NEWCASTLE SAPS: REPAIRS
AND RENOVATIONS TO
HJ VAN ECK BUILDINGS

GROUND FLOOR PLAN
AIR-CONDITIONING &
VENTILATION

WCS: 046032

Scale: 1:100
Date: 2023/02/27
Drawing No: 2002/01/01
Drawing No: 2002/01/01
Drawing No: 2002/01/01
Drawing No: 2002/01/01

GROUND FLOOR WALL LOADS			
Mark	Area (m ²)	Load (kN)	Count
W1.1	100.00	100.00	1
W1.2	100.00	100.00	1
W1.3	100.00	100.00	1
W1.4	100.00	100.00	1

Supply Air Diffusers Ground Floor			
Mark	Area (m ²)	Load (kN)	Count
FA01	100.00	100.00	1
FA02	100.00	100.00	1
FA03	100.00	100.00	1
FA04	100.00	100.00	1
FA05	100.00	100.00	1
FA06	100.00	100.00	1
FA07	100.00	100.00	1
FA08	100.00	100.00	1
FA09	100.00	100.00	1
FA10	100.00	100.00	1

GROUND FLOOR FAN SCHEDULE			
Mark	Capacity (m ³ /s)	Power (kW)	Notes
EF1	100.00	100.00	Walk in cold
EF2	100.00	100.00	Walk in cold
EF3	100.00	100.00	Walk in cold
EF4	100.00	100.00	Walk in cold
EF5	100.00	100.00	Walk in cold
EF6	100.00	100.00	Walk in cold
EF7	100.00	100.00	Walk in cold
EF8	100.00	100.00	Walk in cold
EF9	100.00	100.00	Walk in cold
EF10	100.00	100.00	Walk in cold

GROUND FLOOR AC SCHEDULE			
Mark	Capacity (m ³ /s)	Power (kW)	Notes
AC1	100.00	100.00	Walk in cold
AC2	100.00	100.00	Walk in cold
AC3	100.00	100.00	Walk in cold
AC4	100.00	100.00	Walk in cold
AC5	100.00	100.00	Walk in cold
AC6	100.00	100.00	Walk in cold
AC7	100.00	100.00	Walk in cold
AC8	100.00	100.00	Walk in cold
AC9	100.00	100.00	Walk in cold
AC10	100.00	100.00	Walk in cold
AC11	100.00	100.00	Walk in cold
AC12	100.00	100.00	Walk in cold
AC13	100.00	100.00	Walk in cold
AC14	100.00	100.00	Walk in cold
AC15	100.00	100.00	Walk in cold
AC16	100.00	100.00	Walk in cold
AC17	100.00	100.00	Walk in cold
AC18	100.00	100.00	Walk in cold
AC19	100.00	100.00	Walk in cold
AC20	100.00	100.00	Walk in cold
AC21	100.00	100.00	Walk in cold
AC22	100.00	100.00	Walk in cold
AC23	100.00	100.00	Walk in cold
AC24	100.00	100.00	Walk in cold
AC25	100.00	100.00	Walk in cold

Ground level
1:100



THIRD FLOOR WALL LOUVER

Mark	Size	Count
W/L3	1500x1500	2

3rd FLOOR FAN SCHEDULE

Mark	Comments	Floor	Room	Area	Count
F/F1	Exhaust Fan	Third Floor	Room 100	100.0	1
F/F2	Exhaust Fan	Third Floor	Room 101	100.0	1

Supply Air Diffusers 2nd Floor

Mark	Size	Count
A/D1	1500x1500	2
A/D2	1500x1500	2

2nd FLOOR FAN SCHEDULE

Mark	Comments	Floor	Room	Area	Count
F/F1	Exhaust Fan	Second Floor	Room 200	200.0	1
F/F2	Exhaust Fan	Second Floor	Room 201	200.0	1

SECOND FLOOR WALL LOUVER

Mark	Size	Count
W/L4	1500x1500	2
W/L5	1500x1500	2

1st FLOOR FAN SCHEDULE

Mark	Comments	Floor	Room	Area	Count
F/F1	Exhaust Fan	First Floor	Room 100	100.0	1
F/F2	Exhaust Fan	First Floor	Room 101	100.0	1

1st FLOOR WALL LOUVER

Mark	Size	Count
W/L6	1500x1500	2
W/L7	1500x1500	2

2nd FLOOR AC SCHEDULE

Mark	Description	Room	Total Area
AC20	Call's Uninterruptible Power Supply	Room 200	1.5
AC21	Call's Uninterruptible Power Supply	Room 201	1.5
AC22	Call's Uninterruptible Power Supply	Room 202	1.5
AC23	Call's Uninterruptible Power Supply	Room 203	1.5
AC24	Call's Uninterruptible Power Supply	Room 204	1.5
AC25	Call's Uninterruptible Power Supply	Room 205	1.5
AC26	Call's Uninterruptible Power Supply	Room 206	1.5
AC27	Call's Uninterruptible Power Supply	Room 207	1.5
AC28	Call's Uninterruptible Power Supply	Room 208	1.5
AC29	Call's Uninterruptible Power Supply	Room 209	1.5
AC30	Call's Uninterruptible Power Supply	Room 210	1.5

1st FLOOR AC SCHEDULE

Mark	Description	Room	Total Area
AC10	Call's Uninterruptible Power Supply	Room 100	1.5
AC11	Call's Uninterruptible Power Supply	Room 101	1.5
AC12	Call's Uninterruptible Power Supply	Room 102	1.5
AC13	Call's Uninterruptible Power Supply	Room 103	1.5
AC14	Call's Uninterruptible Power Supply	Room 104	1.5
AC15	Call's Uninterruptible Power Supply	Room 105	1.5
AC16	Call's Uninterruptible Power Supply	Room 106	1.5
AC17	Call's Uninterruptible Power Supply	Room 107	1.5
AC18	Call's Uninterruptible Power Supply	Room 108	1.5
AC19	Call's Uninterruptible Power Supply	Room 109	1.5
AC20	Call's Uninterruptible Power Supply	Room 110	1.5

③ Third Floor
1:100

② Second Floor
1:100

① First Floor
1:100



NEWCASTLE SAPS: REPAIRS AND RENOVATIONS TO HU VAN ECK BUILDINGS

FLOOR PLANS 1ST - 3RD AIR-CONDITIONING & VENTILATION

WCS: 046032

Mark	Size	Count
W/L1	1500x1500	2
W/L2	1500x1500	2

MDM147 - AC2

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NEWCASTLE SAPS: REPAIRS
AND RENOVATIONS TO
HJ VAN ECK BUILDINGS

drawing title
Domestic hot & cold water
Installation

WCS: 048032

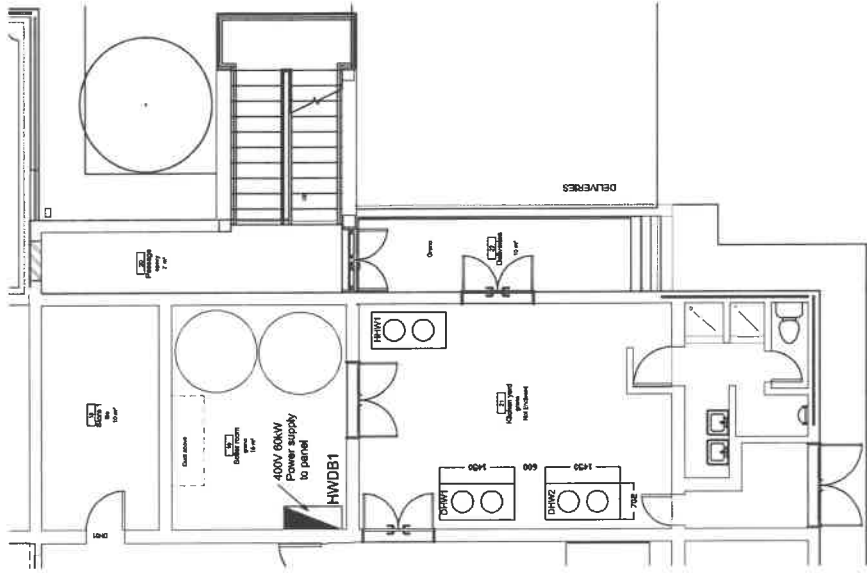
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Drawn: MC

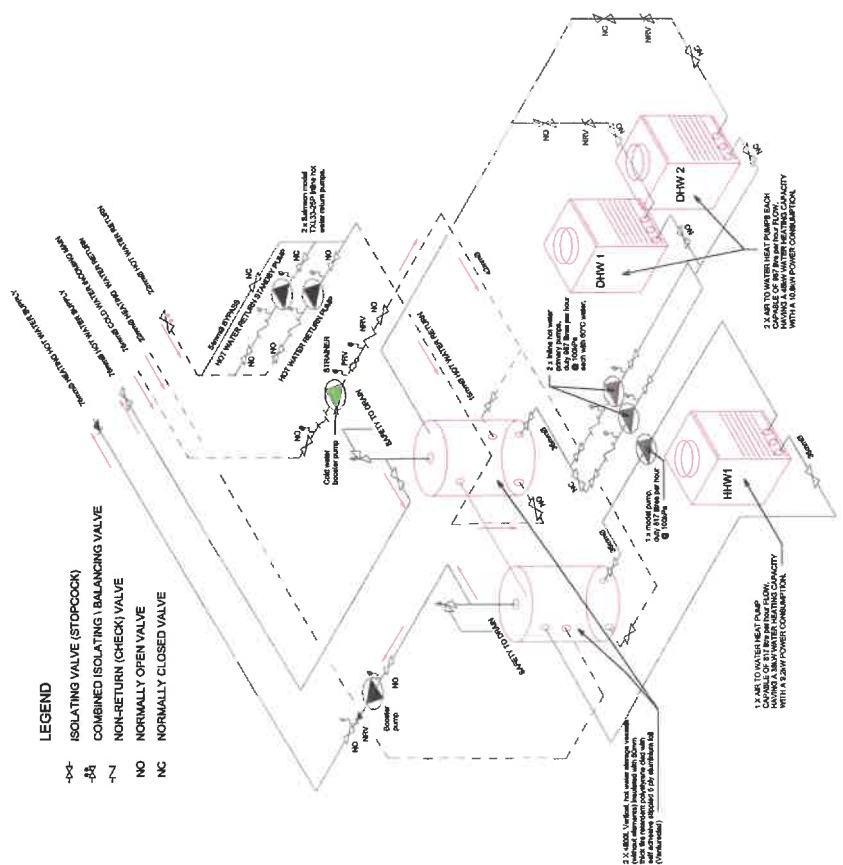
Checked: CM

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drawing no. 300426 DHCW



1. Boiler room
1:50



2. SCHEMATIC PIPEWORK ARRANGEMENT AT HOT WATER VESSELS
(EQUIPMENT POSITIONS NOT REPRESENTATIVE)

