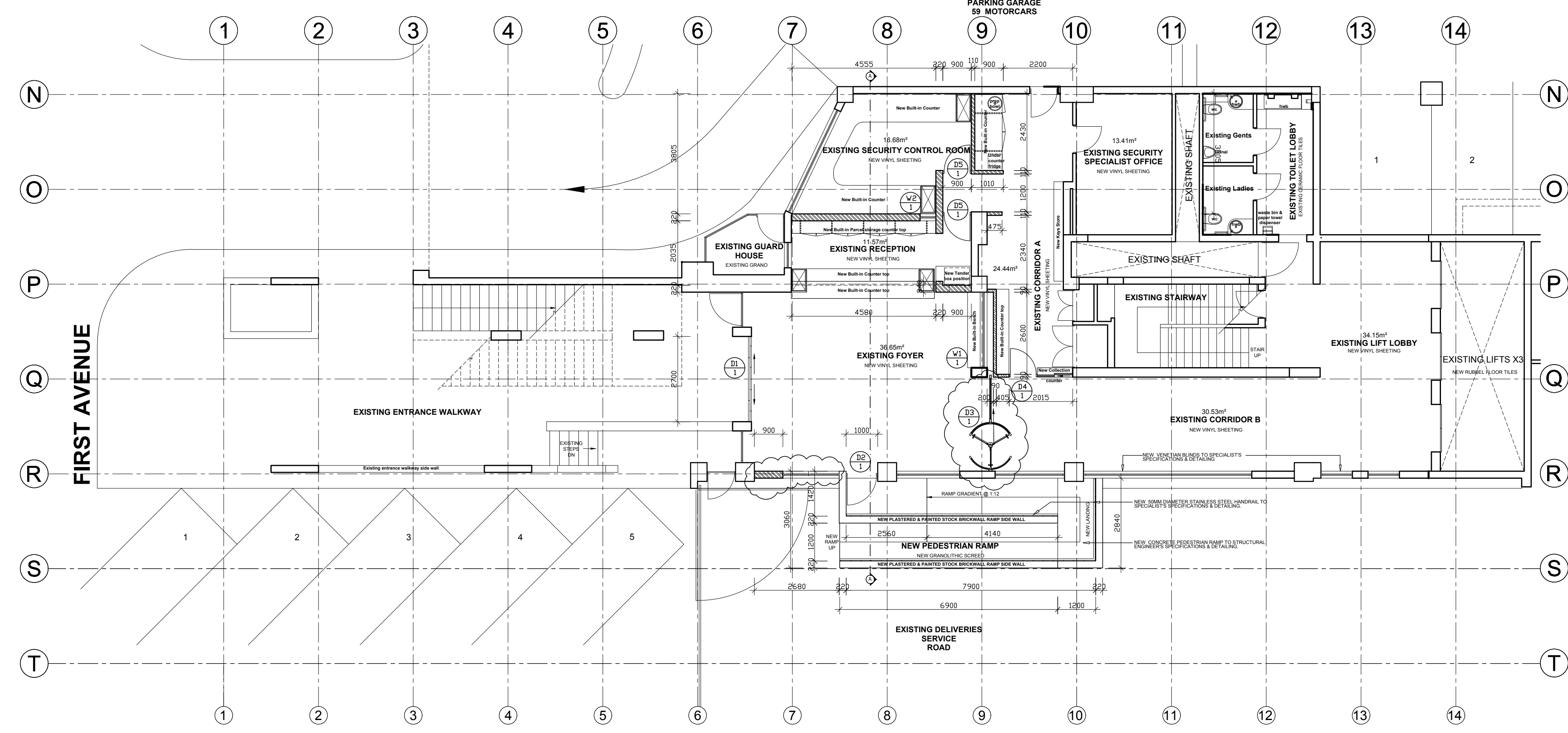


SECURITY ENTRANCE DEMOLITION PLAN
Scale 1:100



SECURITY ENTRANCE FLOOR PLAN
(RENOVATION)
Scale 1:100

GENERAL NOTES:

ALL WORK TO COMPLY WITH AND BE CARRIED OUT IN STRICT ACCORDANCE WITH NATIONAL BUILDING REGULATIONS SANS 10400

ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK IS PUT IN HAND. THIS DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS MAY BE USED.

COPYRIGHT RESERVED BY ARCHITECTS

LEGEND:

- NEW GYPSUM DRYWALL PARTITION TO BE BUILT
- NEW BRICK WALL TO BE BUILT
- EXISTING WALL TO BE DEMOLISHED
- EXISTING WALL
- EXISTING DOOR TO BE REMOVED
- EXISTING SINK TO BE REMOVED
- NEW DOOR TO BE INSTALLED
- NEW WINDOW TO BE INSTALLED
- NEW SHOPFRONT TO BE INSTALLED
- AREA TO BE REFURBISHED & ALTERED

TENDER DRAWINGS

DRYWALL PARTITION SPECIFICATIONS:

NEW 89MM THICK LAFARGE GYPSUM FIXED PARTITION DRYWALL PARTITIONING SYSTEM OR SIMILAR APPROVED, COMPRISING OF INTERNAL FRAMING FORMED OF 64MM WIDE LAFARGE GALVANISED STEEL STUDS OR SIMILAR APPROVED, FIXED AT 600MM C/C TO LAFARGE GALVANISED FLOOR TRACKS OR SIMILAR APPROVED, INCLUDING WHERE NECESSARY ANY ADDITIONAL GALVANISED STEEL STUDDING TO FORM DOOR OPENINGS, GLAZING & OTHER APERTURES, ANGLES, CORNERS & TERMINATION ENDS. INTERNAL STEEL FRAMING TO BE DRESSED ON BOTH SIDES WITH 12MM THICK TAPERED EDGE LAFARGE PLASTERBOARD OR SIMILAR APPROVED IN SINGLE LENGTHS TO SUITE HEIGHT, BUTT JOINTED & SECURED TO STEEL STUDDING WITH 25MM DRYWALL SCREWS AT 220MM C/C. JOINTS TO BE TAPPED & JOINTED WITH LAFARGE JOINTING COMPOUND OR SIMILAR APPROVED & FLUSHED OVER WITH SKIM PLASTER, LEAVING IT PREPARED FOR DECORATION. ALL EXPOSED ALUMINIUM DOOR FRAMES, GLAZINGFRAMES, CEILING & WALL CHANNELS, BATTENS & SKIRTING ARE TO BE FORMED OF COLOUR ANODISED ALUMINIUM SECTIONS (COLOUR TO ARCHITECTS APPROVAL). INSTALLATION TO BE IN ACCORDANCE WITH SABISA INSTALLATION GUIDELINES.

INSTALL NON-COMBUSTIBLE 63MM THICK CAVITYBATT INSULATION OR SIMILAR APPROVED, OF DENSITY 14KG/M³ (PROGRESSIVELY AS BOARDING PROCEEDS) BETWEEN THE STUDS WITH THE GLASSWOOL TISSUE FACING THE INSTALLER, FIT SECURELY WITH CLOSELY BUTTED JOINTS, LEAVING NO GAPS.

JOINERY SPECIFICATIONS:

ALL BUILT-IN CUPBOARDS/ WORKTOPS / BENCHES BY SPECIALIST TO ARCHITECTS APPROVAL

NO.	DATE	AMENDMENT	INITIALS
0	SEPT. 2022	Where indicated with revision cloud	DN

client

PACOF'S

12 First Avenue
Westdene
PO Box 1293
Bloemfontein, 9300

**PERFORMANCE
ART
CENTRE
OF THE
FREE STATE**

consultants

**TOMANE
MOTANE
architects**

No.120 NELSON MANDELA
WESTDEN
BLOEMFONTEIN
9300

P.O. BOX 7025
BLOEMFONTEIN
9300
TEL (051) 447 8133/4
FAX (051) 447 8269
E: tmarch@telkomsa.net

discipline

ARCHITECTURE

service

**REFURBISHMENT & ALTERATIONS TO
THE EXISTING PACOFS ENTRANCE
LOBBY IN BLOEMFONTEIN**

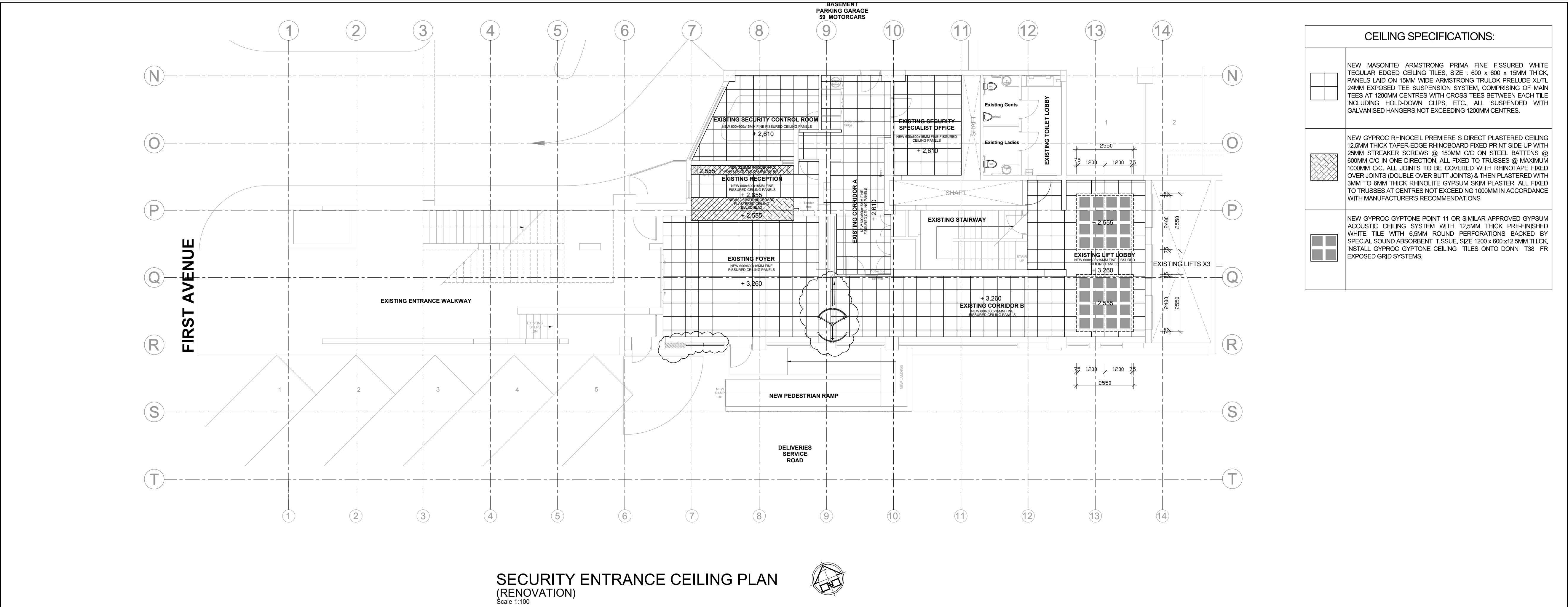
drawing title




**PACOFS SECURITY ENTRANCE:
DEMOLITION PLAN & RENOVATION
FLOOR PLAN**




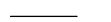


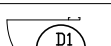
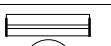
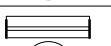
scale	AS SHOWN	designed	A. DE JONGH/A. TOMANE
date	JUNE 2021	drawn	D. NANTAGYA
checked		checked	A. TOMANE

drawing no.: B1027

revision 0




CEILING SPECIFICATIONS:	
	NEW MASONITE/ ARMSTRONG PRIMA FINE FISSURED WHITE REGULAR EDGED CEILING TILES, SIZE : 600 x 600 x 15MM THICK, PANELS LAID ON 15MM WIDE ARMSTRONG TRULOK PRELUDE XU/TL 24MM EXPOSED TEE SUSPENSION SYSTEM, COMPRISING OF MAIN TEES AT 1200MM CENTRES WITH CROSS TEES BETWEEN EACH TILE INCLUDING HOLD-DOWN CLIPS, ETC., ALL SUSPENDED WITH GALVANISED HANGERS NOT EXCEEDING 1200MM CENTRES.
	NEW GYPROC RHINOCEIL PREMIERE S DIRECT PLASTERED CEILING 12.5MM THICK TAPER-EDGE RHINOBOARD FIXED PRINT SIDE UP WITH 25MM STREAKER SCREWS @ 150MM C/C ON STEEL BATTENS @ 600MM C/C IN ONE DIRECTION, ALL FIXED TO TRUSSES @ MAXIMUM 1000MM C/C. ALL JOINTS TO BE COVERED WITH RHINOTAPE FIXED OVER JOINTS (DOUBLE OVER BUTT JOINTS) & THEN PLASTERED WITH 3MM TO 6MM THICK RHINOLITE GYPSUM SKIM PLASTER, ALL FIXED TO TRUSSES AT CENTRES NOT EXCEEDING 1000MM IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
	NEW GYPROC GYPTONE POINT 11 OR SIMILAR APPROVED GYPSUM ACOUSTIC CEILING SYSTEM WITH 12.5MM THICK PRE-FINISHED WHITE TILE WITH 6.5MM ROUND PERFORATIONS BACKED BY SPECIAL SOUND ABSORBENT TISSUE SIZE 1200 x 600 x12.5MM THICK. INSTALL GYPROC GYPTONE CEILING TILES ONTO DOWN T38 FR EXPOSED GRID SYSTEMS.

GENERAL NOTES:			
ALL WORK TO COMPLY WITH AND BE CARRIED OUT IN STRICT ACCORDANCE WITH NATIONAL BUILDING REGULATIONS SANS 10400			
ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK IS PUT IN HAND. THIS DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS MAY BE USED.			
COPYRIGHT RESERVED BY ARCHITECTS			
LEGEND:			
	NEW PARTITION WALL TO BE BUILT		
	NEW BRICK WALL TO BE BUILT		
	EXISTING WALL TO BE DEMOLISHED		
	EXISTING WALL		
	EXISTING DOOR TO BE REMOVED		
	EXISTING SINK TO BE REMOVED		
	NEW DOOR TO BE INSTALLED		
	NEW WINDOW TO BE INSTALLED		
	NEW SHOPFRONT TO BE INSTALLED		

TENDER DRAWINGS

SCHEDULE OF REPAIRS & RENOVATIONS TO INTERNAL WORKS															SCHEDULE OF REPAIRS & RENOVATIONS TO EXTERNAL WORKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
ROOM NAMES		EXISTING FOYER	EXISTING RECEPTION	EXISTING CORRIDOR A	EXISTING CORRIDOR B	EXISTING SECURITY CTRL	EXISTING SECURITY SPEC.	EXISTING LIFT LOBBY	EXISTING LIFT S	SPECIFICATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
ELEMENTS	FLOORS	VINYL SHEETING	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

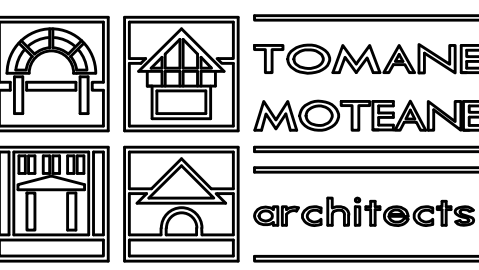
Client



12 First Avenue
Westdene
PO Box 1293
Bloemfontein, 9300

PERFORMANCE
ART
CENTRE
OF THE
FREE STATE

consultants



No.120 NELSON MANDELA
WESTDEN
BLOEMFONTEIN
9300

discipline

ARCHITECTURE

service

REFURBISHMENT & ALTERATIONS TO
THE EXISTING PACOFS ENTRANCE
LOBBY IN BLOEMFONTEIN

drawing title

PACOFS SECURITY ENTRANCE:
CEILING PLAN & SCHEDULE OF
REPAIRS & RENOVATIONS

our file no.:

B1027

Scale

AS SHOWN

date

JUNE 2021

designated

A.DE JONG/A. TOMANE

drawn

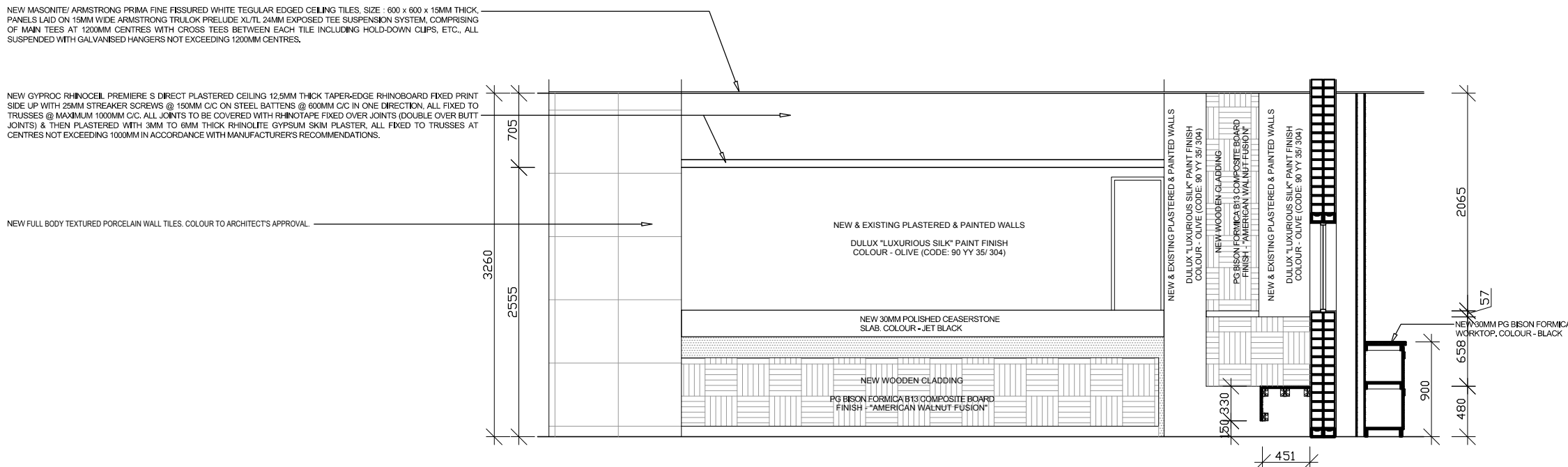
D. NANTAGYA

checked

A. TOMANE



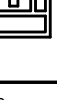

revision

0



ELEVATION OF RECEPTION COUNTER

Scale 1:50

consultants		P.O. BOX 7002 BLOEMFONTEIN 9350 TEL: (051) 847 8133/4 FAX: (051) 447 8269 E: tomane@telkomsa.net	
		TOMANE MOTEAENE architects	
		No.120 NELSON MANDELA WESTDENE BLOEMFONTEIN 9300	

discipline

ARCHITECTURE

service

REFURBISHMENT & ALTERATIONS TO
THE EXISTING PACOFS ENTRANCE
LOBBY IN BLOEMFONTEIN

drawing title

PACOFS SECURITY ENTRANCE:
SECTION, ELEVATIONS & WINDOW
SCHEDULES

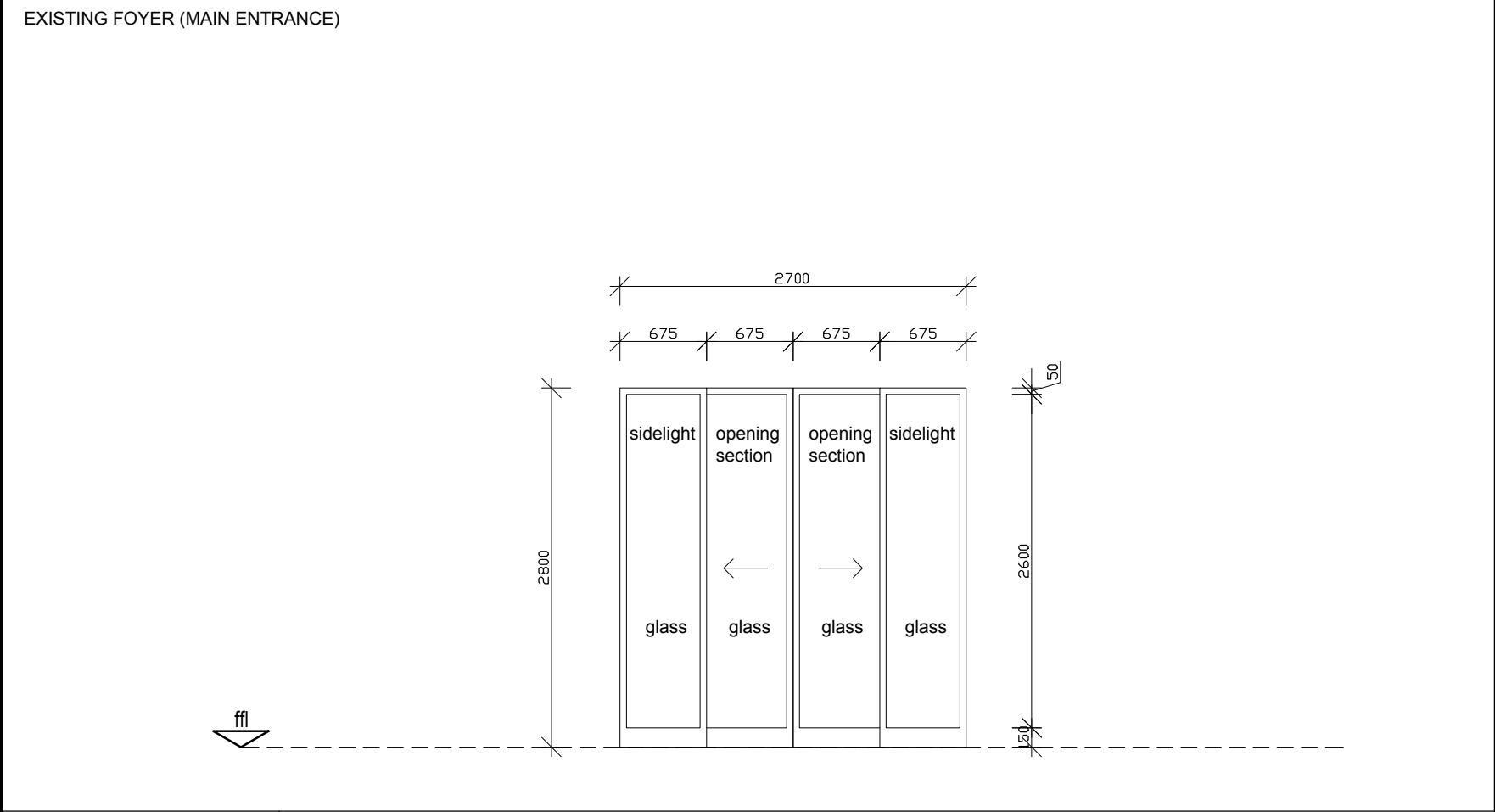
our file no.:		B1027	
scale	AS SHOWN	designed	A. DE JONGH/A. TOMANE
date	JUNE 2001	drawn	D. NANTAGYA
		checked	A. TOMANE

PROJECT NUMBER

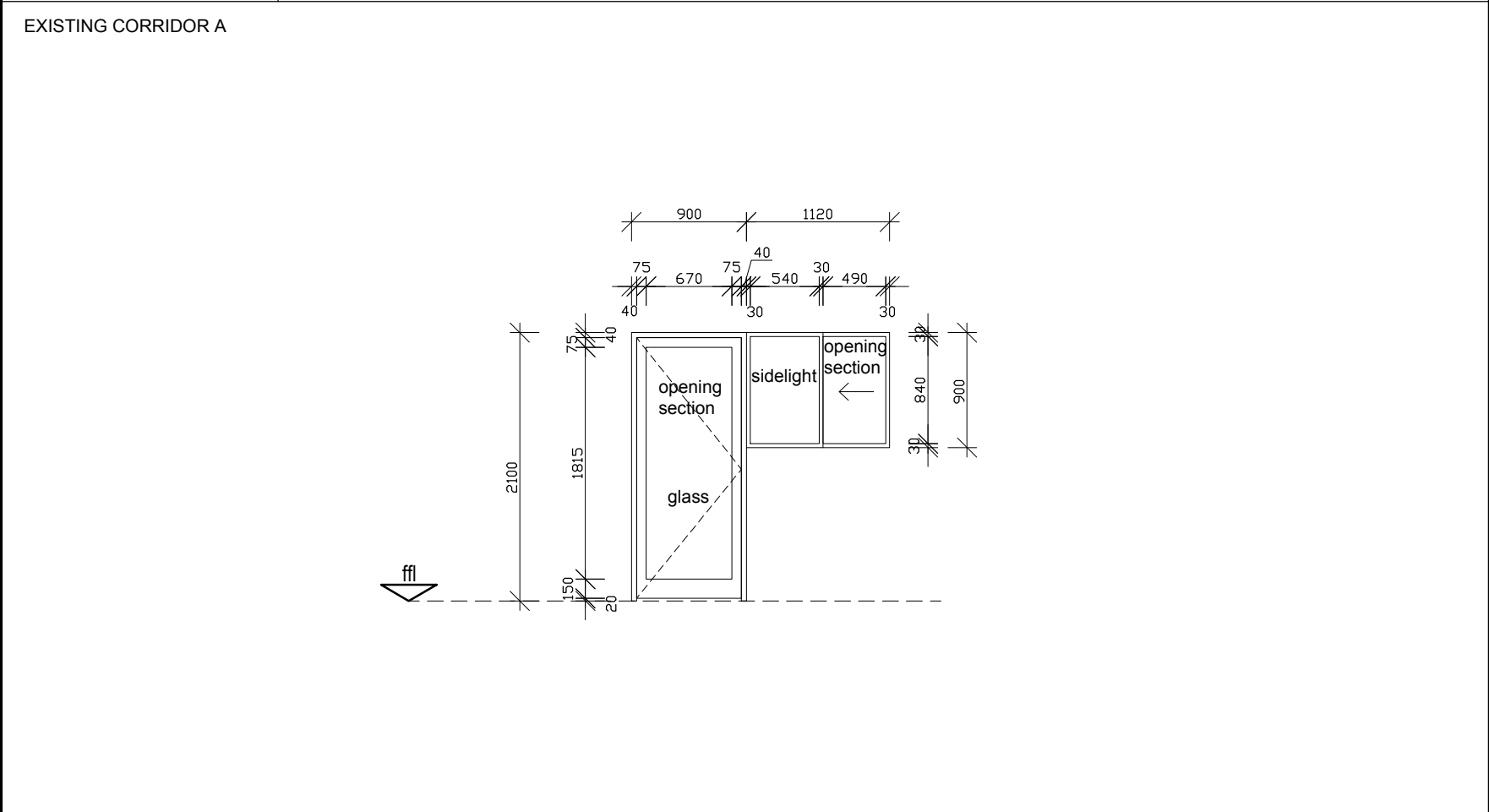
B1027-TD 200

revision

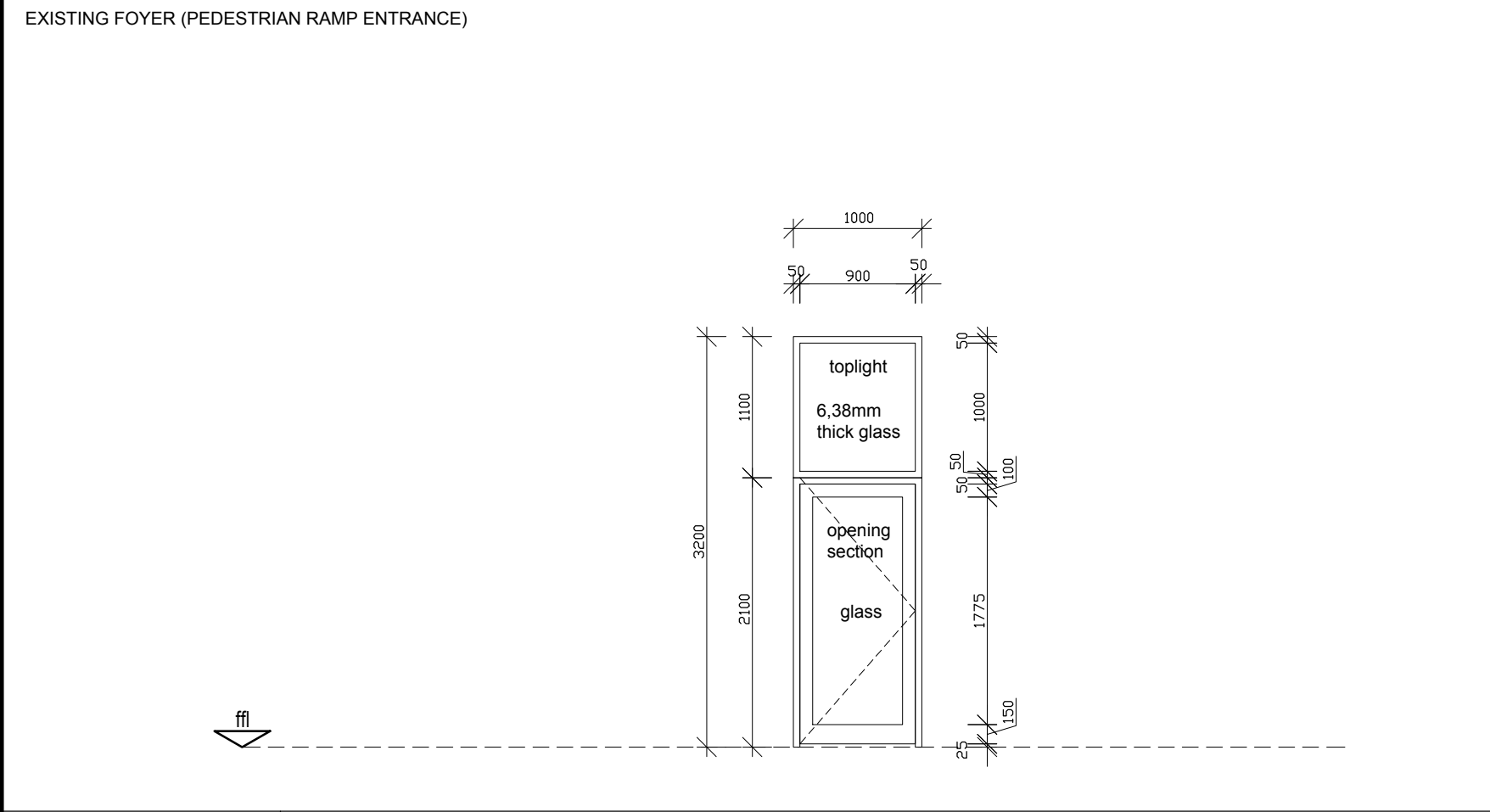
0



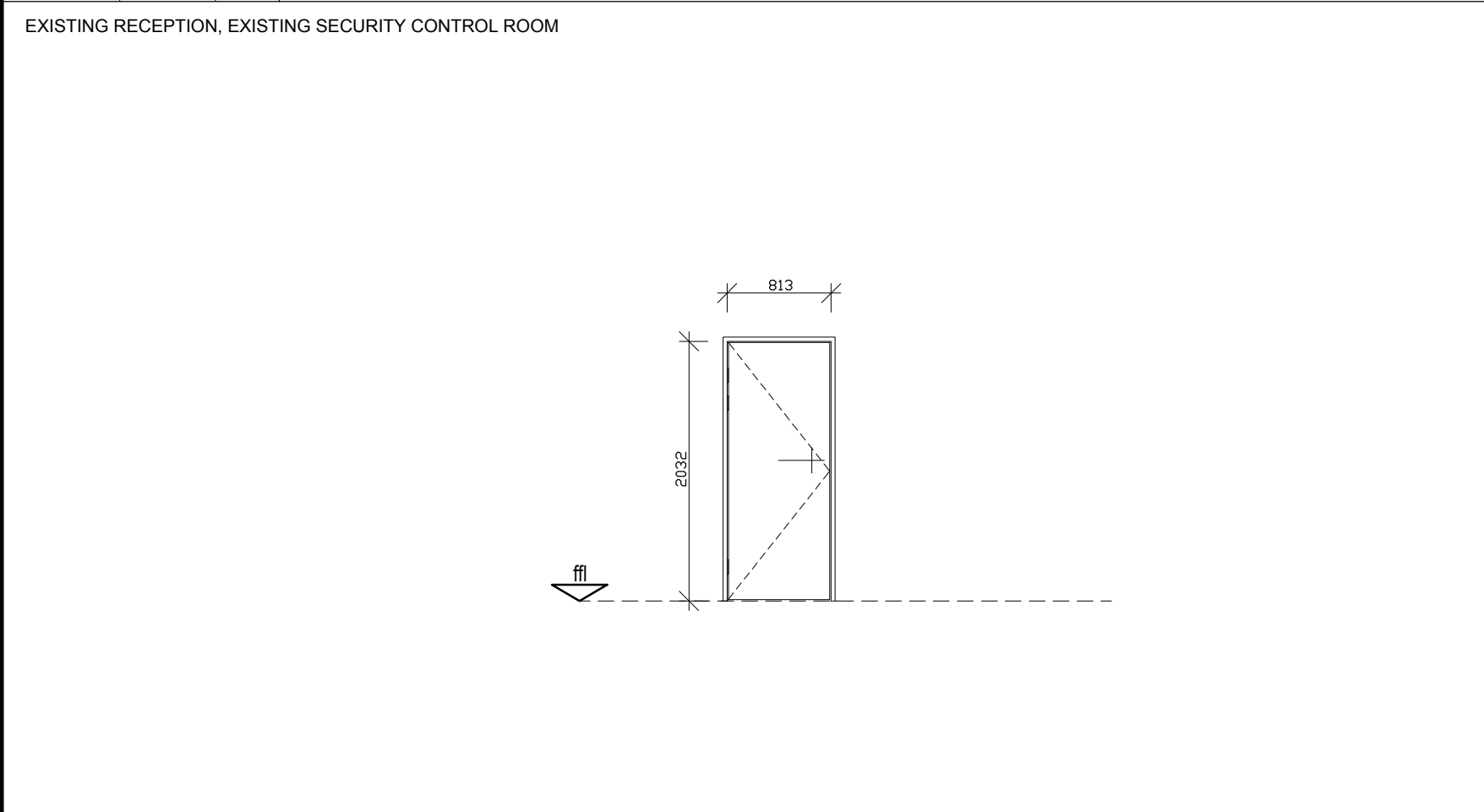
DOOR TYPE NO.	D1/1
DOOR DESCRIPTION	ASSA ABLOY FRAME Sliding Door System, with two sliding door leaves & fixed sidelights on either side of the sliding double doors, complete with ASSA ABLOY SL500 operator providing automated operation of the two sliding door leaves. 2,800mm overall height x 2,700mm overall width.
FRAME	ASSA ABLOY powdercoat finish RAL ref: COLOUR TO BE CONFIRMED
GLASS	8mm thick laminated safety glass as supplied by manufacturer. Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and all in accordance with NBR Parts B, N, T, SANS 10137, SANS 10400, and SANS 1263.
IRON MONGERY	<p>System: WALL MOUNTED TIGHTSEAL high performance draught excluder: YES Thermally Broken Profiles: YES Operation Mode Selector: FLUSH Emergency unit: EEU (electrical) Electric Locking Required: FAIL SAFE Integrated Air Curtain: YES</p> <p>Activation and control system: An Electronic control unit with plug-in connections and power supply. SC-31M Combined direction and threshold presence detection entry activator. SC-31M Combined direction and threshold presence detection exit activator.</p> <p>Safety device(s): Electronic monitored emergency opening unit. Automatic reversing. Monitored two way threshold presence safety system. Side Screen Safety: MONITORED PRESENCE DETECTION</p> <p>Locking mechanism: Mechanical Hook lock: TWO, positioned in meeting door stiles. Euro Cylinder: DOUBLE</p> <p>Maintenance: 10 YEAR Warranty with two service visits per annum for optimum performance and longevity</p>



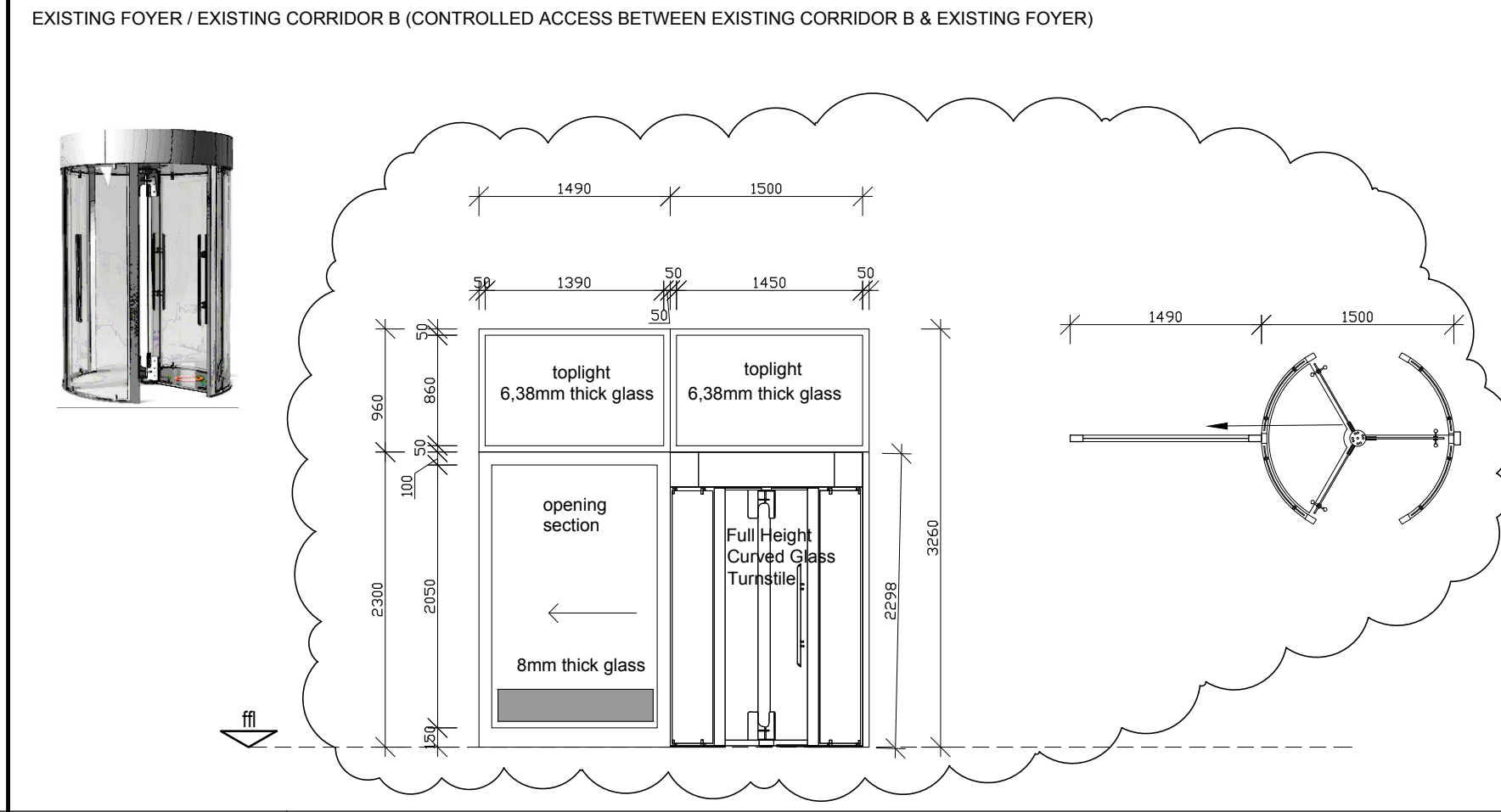
DOOR TYPE NO.	D4/1
DOOR DESCRIPTION	2,100mm high x 900mm wide purpose-made bronze anodised aluminium framed glass single swing single door with matching two panel sidelight with one panel fixed & another sliding.
GATE DESCRIPTION	
FRAME	50 x 40mm thick performance class A2 bronze anodised aluminium frame. Extruded aluminium sections shall be fabricated from alloy 6063 or 6061 or temper T5 or T6 all in accordance with the latest edition of BS EN 755. Anodising shall be in strict accordance with SANS 999 with AA15 anodising grade.
GLASS	6.38mm thick clear float nominal strength laminated safety glass. Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and all in accordance with NBR Parts B, N, T, SANS 10137, SANS 10400, and SANS 1263.
IRON MONGERY	<p>1 pairs of 2No. 100mm x 73mm x 3mm Aluminium Flush Hinge</p> <p>1 pairs of 2No. DORMAKABA satin finish solid stainless steel spring loaded lever handles. Code: SH815</p> <p>2No. DORMAKABA cylinder escutcheons. Code: DCE-002</p> <p>1No. Stainless Steel Cylinder sash lock. Case dimensions (mm) 116.5H x 78D. Forend dimensions (mm) 168H x 22W. Backset 57mm. Centres 61mm. Code: D036S SS</p> <p>1No. 66mm five pin Satin Nickel Euro-profile double cylinder grand master keyed. Code: DDC106601 GMK</p> <p>As supplied by approved manufacturer / supplier.</p> <p>1No. DORMAKABA floor mounted stainless steel door stop.Code: DDS-SS-017</p>



DOOR TYPE NO.	D2/1
DOOR DESCRIPTION	2,100mm high x 900mm wide bronze anodised aluminium framed glass single swing single door with matching one panel fixed toplight.
FRAME	50 x 40mm thick performance class A2 bronze anodised aluminium frame. Extruded aluminium sections shall be fabricated from alloy 6063 or 6061 or temper T5 or T6 all in accordance with the latest edition of BS EN 755. Anodising shall be in strict accordance with SANS 999 with AA15 anodising grade.
GLASS	6.38mm thick clear float nominal strength laminated safety glass. Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and all in accordance with NBR Parts B, N, T, SANS 10137, SANS 10400, and SANS 1263.
IRON MONGERY	<p>1 pairs of 2No. 100mm x 73mm x 3mm Aluminium Flush Hinge</p> <p>2No. 325 x 25mm Stainless Steel Straight tubular handle flange fixing. Code: DPH301B</p> <p>1No. Stainless Steel Cylinder sash lock. Case dimensions (mm) 116.5H x 78D. Forend dimensions (mm) 168H x 22W. Backset 57mm. Centres 61mm. Code: D036S SS</p> <p>1No. 66mm five pin Satin Nickel Euro-profile double cylinder grand master keyed. Code: DDC106601 GMK</p> <p>2No. DORMAKABA cylinder escutcheons. Code: DCE-002</p> <p>EN 2-4 Parallel arm DELAYED ACTION door closer. push side fixing (Parallel arm bracket included) EN2 750-850, EN3 850-950, EN4 950-1100</p>



DOOR TYPE NO.	D5/1
DOOR DESCRIPTION	2,032mm high x 813mm wide x 44mm thick flush panel semi-solid timber door. Finish: Prepare surface and paint, one coat primer, 2 coats undercoat and one coat high gloss enamel with colour to Architect's approval.
FRAME	1.6mm Pressed metal rebated door frame, suitable for wall thicknesses as indicated as per SANS 1129. Frames for walls greater than 115mm thick to be double rebated. Finish: Prepare surface and apply, one coat red oxide primer, one coat universal undercoat (to match final colour of final coat) and one coat gloss enamel paint. Colour to architect's approval.
GLASS	n/a
IRON MONGERY	<p>1 pairs of 2No. 102mm x 75mm x 3mm stainless steel standard DORMAKABA butt hinges. Code: DBB-SS-009</p> <p>1 pairs of 2No. DORMAKABA satin finish solid stainless steel spring loaded lever handles. Code: SH815</p> <p>2No. DORMAKABA cylinder escutcheons. Code: DCE-002</p> <p>1No. DORMAKABA cylinder mortise sash lock with lock case, stainless steel forend & knob cylinder master keyed. Code: D072EC</p> <p>1No. 66mm five pin Satin Nickel Euro-profile double cylinder grand master keyed. Code: DDC106601 GMK</p> <p>1No. DORMAKABA floor mounted stainless steel door stop.Code: DDS-SS-017</p>



DOOR TYPE NO.	D3/1
DOOR DESCRIPTION	TURNSTAR TRITON full height, three wing, curved, single glass turnstile - Single turnstile (1500mm diameter - Polyester exterior grade powder coat - colour to be confirmed (CODE : TRTS3FHCPC) or similar approved - Polyester exterior grade powder coat - colour to be structured black ASSA ABLOY FRAME Sliding Door System, with one sliding door leaf with toplight, complete with ASSA ABLOY SL500 operator providing automated operation of the single sliding door leaf. 3,260mm overall height x 1,490mm overall width.
FRAME	Powder coated mild steel with UV resistant polyester exterior powder coat finish (structured black) - CUBICLE ASSA ABLOY powdercoat finish RAL ref: COLOUR TO BE CONFIRMED - SLIDING DOOR SYSTEM
GLASS	6.38mm / 8mm thick clear float nominal strength laminated safety glass. Vinyl clingshield S70 silver applied to 8mm thick laminated safety glass of sliding door. Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and all in accordance with NBR Parts B, N, T, SANS 10137, SANS 10400, and SANS 1263.
IRON MONGERY	<p>System: Self-centering rotation system - rotor returns to starting position after every rotation Anti-Trap® safety system - no mid-rotation locking or trapping in the event of a power failure Extra secure 60° anti-reverse system Programmable PLC logic with user diagnostic features Mechanical key override - clockwise and anti-clockwise directions (fail-secure)</p> <p>TURNSTAR TRITON full height, three wing, curved, single glass turnstile ironmongery as supplied by manufacturer.</p>



DOOR TYPE NO.	
DOOR DESCRIPTION	
GATE DESCRIPTION	
FRAME	
GLASS	
IRON MONGERY	

GENERAL NOTES:

ALL WORK TO COMPLY WITH AND BE CARRIED OUT IN STRICT ACCORDANCE WITH NATIONAL BUILDING REGULATIONS SANS 10400


ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK IS PUT IN HAND. THIS DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS MAY BE USED.

COPYRIGHT RESERVED BY ARCHITECTS

TENDER DRAWINGS

NO.	DATE	AMENDMENT	INITIALS
0	SEPT, 2022	Where indicated with revision cloud	DN

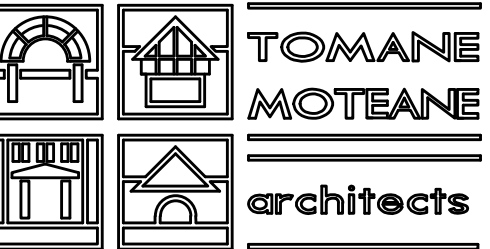
client



12 First Avenue
Westdene
PO Box 1293
Bloemfontein, 9300

PERFORMANCE
ART
CENTRE
OF THE
FREE STATE

consultants



P.O. BOX 7025
BLOEMFONTEIN
9300
TEL (051) 447 8133/4
FAX (051) 447 8269
✉: tmarch@telkomsa.net

No.120 NELSON MANDELA
WESTDENE
BLOEMFONTEIN
9300

discipline

ARCHITECTURE

service

REFURBISHMENT & ALTERATIONS TO THE EXISTING PACOFS ENTRANCE LOBBY IN BLOEMFONTEIN

drawing title

PACOFS SECURITY ENTRANCE:
DOOR SCHEDULES

our file no.: B1027

Scale AS SHOWN

designed A.DE JONG/A. TOMANE

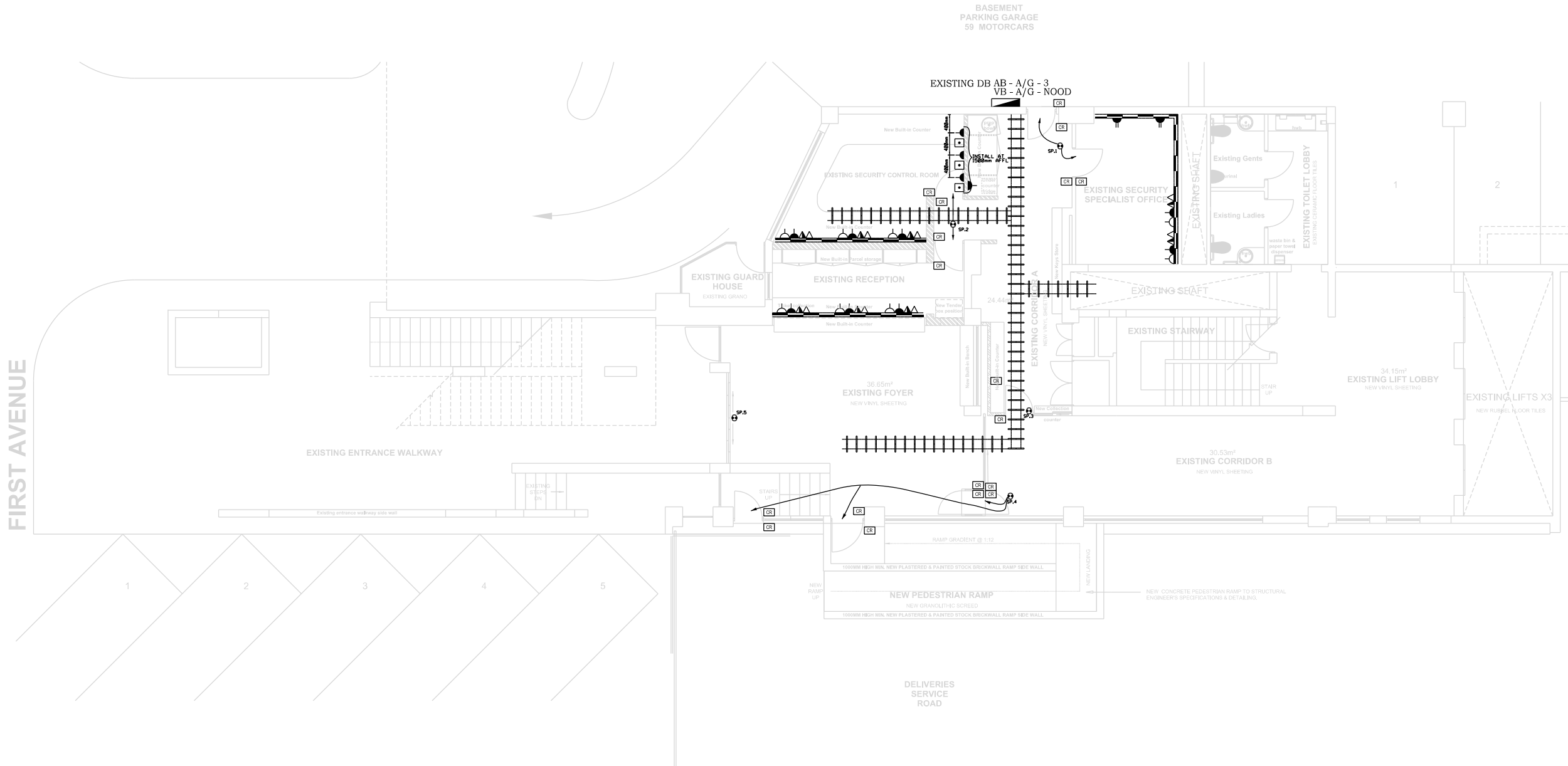
date JUNE, 2021

drawn D. NANTAGYA

checked A. TOMANE

drawing revision B1027-TD 600 0

FIRST AVENUE



SECURITY ENTRANCE FLOOR PLAN
(RENOVATION)

Scale 1:100



LEGEND	
	INTERCOM
	MAGLOCK
	CARD READER
	CARD READER WITH REQUEST TO ENTER
	CARD READER WITH BIOMETRIC UNIT
	BREAK GLASS UNIT
	REQUEST TO EXIT
	CARD READER WITH BIOMETRIC UNIT AND REQUEST TO ENTER
	300mm CABLE TRAY
	DOOR CONTROLLER
	100 X 100 X 50mm BLANK DRAW BOX WITH 32mm PVC CONDUIT TO ROOF SPACE.
	16A DOUBLE SWITCHED SOCKET OUTLET
	TELEPHONE OUTLET POINT
	DATA OUTLET POINT
	16A SINGLE SWITCHED SOCKET OUTLET
	16A SINGLE DEDICATED SWITCHED SOCKET OUTLET
	SPECIAL POWER POINT
	ELECTRICAL DISTRIBUTION BOARD

REFERENCE DRAWINGS			
...	J.J.
...	J.J.
...	J.J.
00	J.J.	PRELIMINARY	...
REV	DATE	DESCRIPTION	AUT



Tel: +27 83 328 0087
Email: selekane.engineering@gmail.com

PROJECT:
PACOFS REVITALIZATION
UPGRADE AND REFURBISHMENT

DRAWING DESCRIPTION:
ELECTRICAL INSTALLATION
SECURITY ENTRANCE
PLUGS AND SECURITY LAYOUT

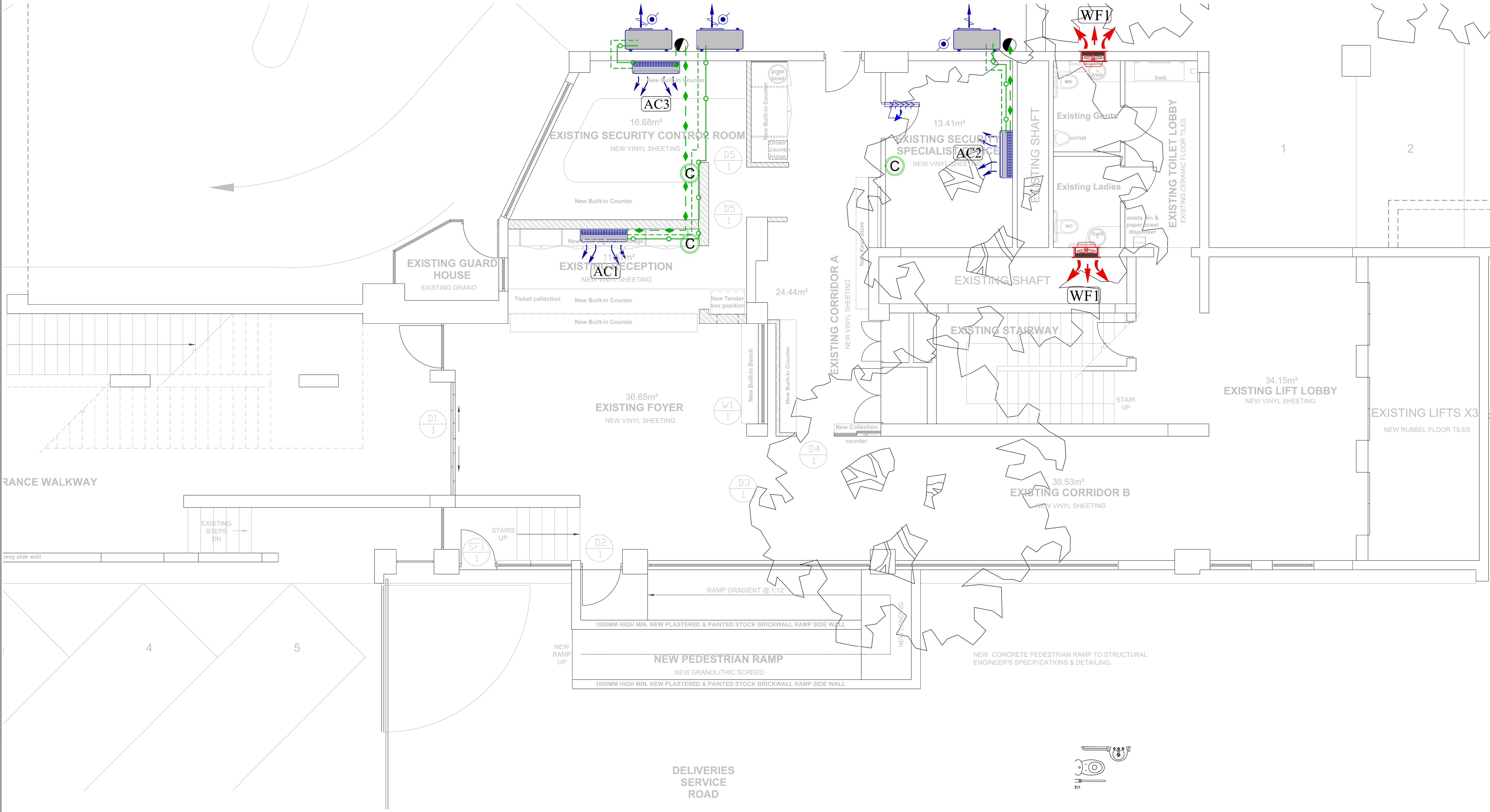
DATE NOVEMBER 2021	DESIGNED BY. L.MBOLEKWA
REF. NO. SE2001	DRAWN BY. L.MBOLEKWA
FILE NO. SE2001EE	CHECKED BY. S.NGAMLANE
SCALE 1:100	APPROVED BY. S.NGAMLANE
REV. NO. 00	ECSA REG. NO.
DRAWING NO. SE2001EE	SHEET.

AIR CONDITIONING INDOOR UNITS:

UNIT No.	AC-1	AC-2	AC-3
QTY	1	1	1
TYPE OF UNIT	MID-WALL - HEAT PUMP SPLIT UNIT	MID-WALL - HEAT PUMP SPLIT UNIT	MID-WALL - HEAT PUMP SPLIT UNIT
TOTAL COOLING (kW)	2,2kW	2,8kW	3,6kW
ELECTRICAL REQUIREMENTS (kW)	3,2kW	3,8kW	4,2kW
PHASE & MAX FUSE (Amp)	220-240V / 1ph / 50Hz	220-240V / 1ph / 50Hz	220-240V / 1ph / 50Hz

VENTILATION EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	SIZE	FLOW	POWER & CURRENT	VOLT / PHASE / Hz	STATIC PRESSURE	
WF1	WALL MOUNTED EXTRACTION FAN		100ℓ/s	100W	220V / 1ph / 50Hz	30Pa	2



NO.	DATE.	AMENDMENTS.	ACP
01	22/01/2022	PRELIMINARY ISSUED	K.R

LEGENT

ITEM	DESCRIPTION
	INFRARED REMOTE CONTROL POSITION 1500 AFFL C/W 100 x 50 BOX AND Ø20 CONDUIT TO CEILING CHASED INTO WALL
	DRAIN POINT
	Ø250mm DRAINAGE PIPE
	MIDWALL VRF SPLIT INDOOR UNIT
	OUTDOOR HEAT PUMP CONDENSER UNIT
	WALL/WINDOW MOUNTED FAN
	DOOR GRILLE NATURAL ANODISED
	MECHANICAL AC- PLANT DB
	SINGLE PHASE ISOLATER
	DUAL PHASE ISOLATER
	THREE PHASE ISOLATER

NOTES

1. All dimensions to be verified on site prior to setting out, generation of workshop drawings and construction.

2. Workshop drawings to be submitted for approval prior to ordering, manufacture and installation.

3. This drawing shall be read in conjunction with the technical specification.

4. All condensate drain routes & point to be finalized with the architect due to aesthetics effects.

CLIENT :

CONSULTANT :

Kganang
Construction and Projects
Excellent service delivery is our priority

PROJECT:

**CONSTRUCTION
OF PACOFS
SECURITY ENTRANCE PLAN**

DISCIPLINE:

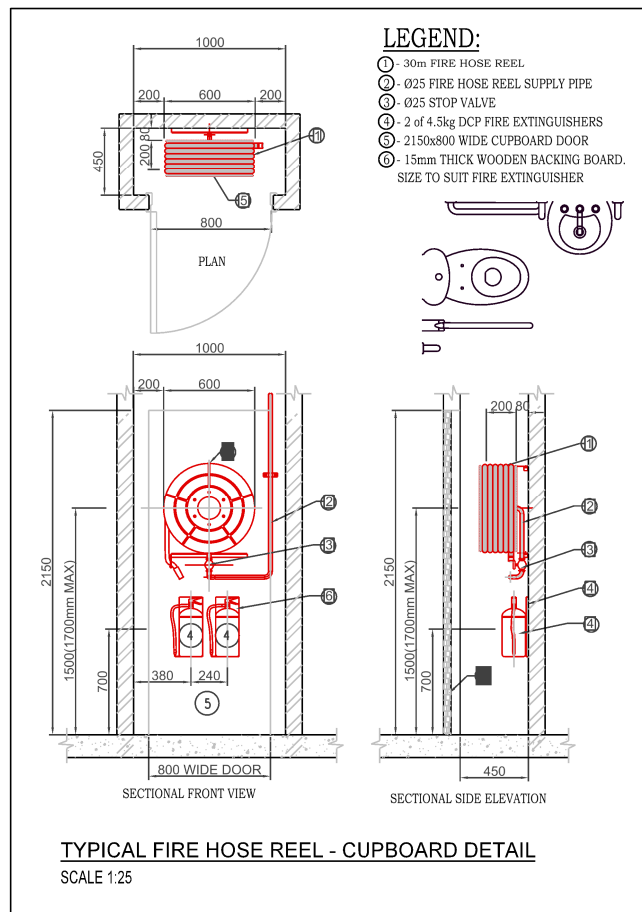
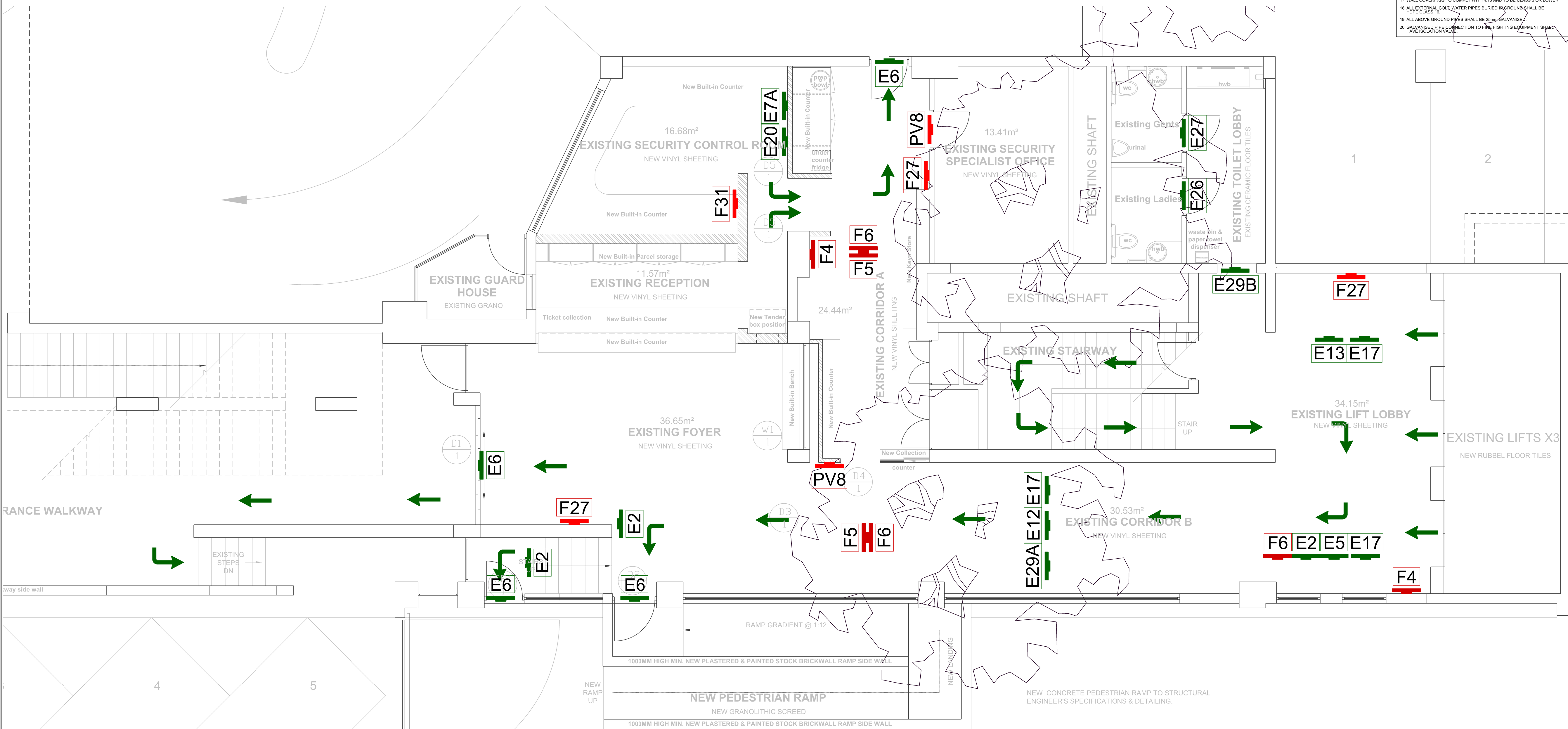
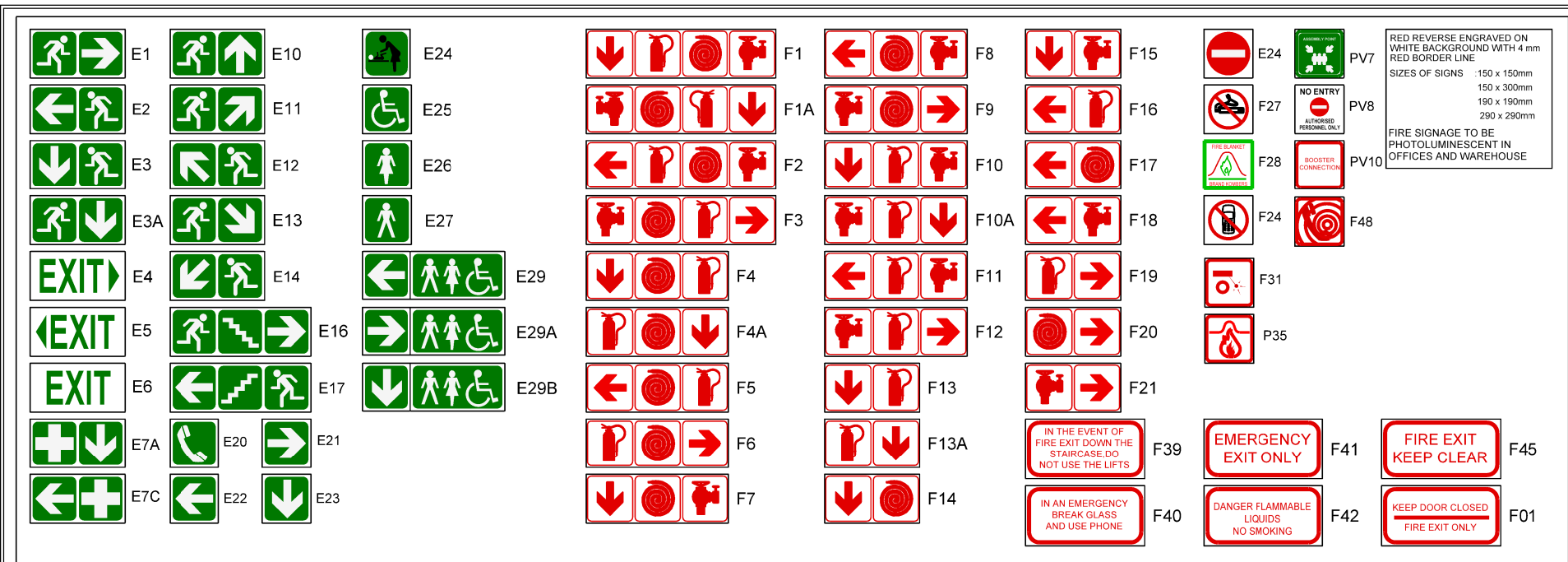
MECHANICAL

DRAWING TITLE :

**MECHANICAL INSTALLATION
AIR CONDITIONING LAYOUT**

DESIGNED : K.R		DRAWN : K.K	
CHECKED : K.R		PROJ. NO. : ACP 0014	
APPROVED BY. : T.PAKACHENA		PROJ. DATE : JANUARY 2022	
ENG. REG. : 201607223		SCALE : 1: 50	REV. 00
DRAWING NO : ACP 0014 ME 01			SIZE : A1

PRELIMINARY USE ONLY



- FIRE & EMERGENCY RETICULATION**
- NOTES:**
1. FIRE HOSE REEL
HOSE REEL TO BE INSTALLED SECURELY TO POSITIONS AS INDICATED TO
BE 15' (4.57m) DIAMETER PIPES CONNECTED TO RING MAIN AND TO BE
INSTALLED IN ACCORDANCE WITH SANS 943 AND 4.34.
 2. PORTABLE FIRE EXTINGUISHERS
2KG DRY CHEMICAL POWDER FIRE EXTINGUISHERS TO BE INSTALLED AS
PER PLAN AND 2.5KG DRY CHEMICAL POWDER TO BE INSTALLED AS PER
PLAN SECURELY TO WALLS OR PURPOSE MADE BOARDS OR FRAMES,
WITH SENSITIVE DEVICES TO BE INSTALLED IN ACCORDANCE
WITH SANS 1040 AND 4.3.3.
 3. FIRE EXITS
FIRE EXITS TO BE IN A PROMINENT POSITIONS AS INDICATED ON PLAN.
FIRE FRAMES, USED DOORS MAY ONLY BE FITTED WITH
APPROVED LOCKING DEVICES (NO KEYS).
 4. SIGNAGE
ALL FIRE FIGHTING EQUIPMENT AND FIRE EXITS TO BE CLEARLY MARKED
WITH PHOTO LUMINESCENT SYMBOLS (C-SIGNS), AND BE SECURELY
MOUNTED WITH SUITABLE FIXING METHODS (NO ADHESIVES)
TO BE INSTALLED IN ACCORDANCE WITH SANS 1186.
 5. ALL WORK TO COMPLY AND TO BE CARRIED OUT TO SANS 10400
OF 2011 AND AS PER NATIONAL DESIGN.
 6. BUILDING AND PROPERTY TO COMPLY WITH SANS 10400 4.55.
 7. ALL STRUCTURAL ELEMENTS AND COMPONENTS TO COMPLY
TO SANS 10400 4.7.
 8. FIRE HYDRANT TO COMPLY TO SANS 10400 AND PIPE WORK
TO COMPLY TO SANS 10400 PART 1.
 9. ALL FIRE WATER RETICULATION TO BE TESTED BY THE
FIRE DEPARTMENT AND WATER DEPARTMENT.
 10. INSULATION TO COMPLY TO SANS 9428.
 11. VENTILATION TO COMPLY TO 4.42 OR AS PER NATIONAL DESIGN.
 12. FIRE DOORS TO COMPLY WITH SANS 1253.
 13. SMOKE DETECTION TO COMPLY WITH SANS 0159.
 14. EMERGENCY LIGHTING TO COMPLY TO 4.36.
 15. MIN 4m WIDE ACCESS FOR FIRE DEPT.
 16. FLOOR COVERINGS TO COMPLY WITH 4.14 AND TO BE CLASS 3 OR LOWER.
 17. WALL COVERINGS TO COMPLY WITH 4.15 AND TO BE CLASS 3 OR LOWER.
 18. ALL EXTERNAL COLD WATER PIPES BURIED IN GROUND SHALL BE
HOTEL CLASS 15.
 19. ALL ABOVE GROUND PIPES SHALL BE 25mm GALVANISED.
 20. GALVANISED PIPE CONNECTION TO FIRE FIGHTING EQUIPMENT SHALL
HAVE ISOLATION VALVE.

NO.	DATE.	AMENDMENTS.	ACP
00	22/01/2022	PRELIMINARY ISSUED	K.R

LEGEND	
	4.5KG DRY CHEMICAL POWDER HAND HELD FIRE EXTINGUISHER
	9 KG WATER FIRE HAND HELD FIRE EXTINGUISHER
	5KG CO2 HAND HELD FIRE EXTINGUISHER
	RELIEF DAMPER
	FM 200 GAS DISCHARGE NOZZLE
	48kg FM 200 INERT GAS CYLINDER
	ROOM UNDERGROUND NOZZLE
	HOT WATER PIPE
	COLD WATER PIPE
	FIRE HOSE REEL
	FIRE HYDRANT
	ISOLATING VALVE
	ISOLATING VALVE
	DROPPER PIPE
	RISER PIPE

CLIENT :



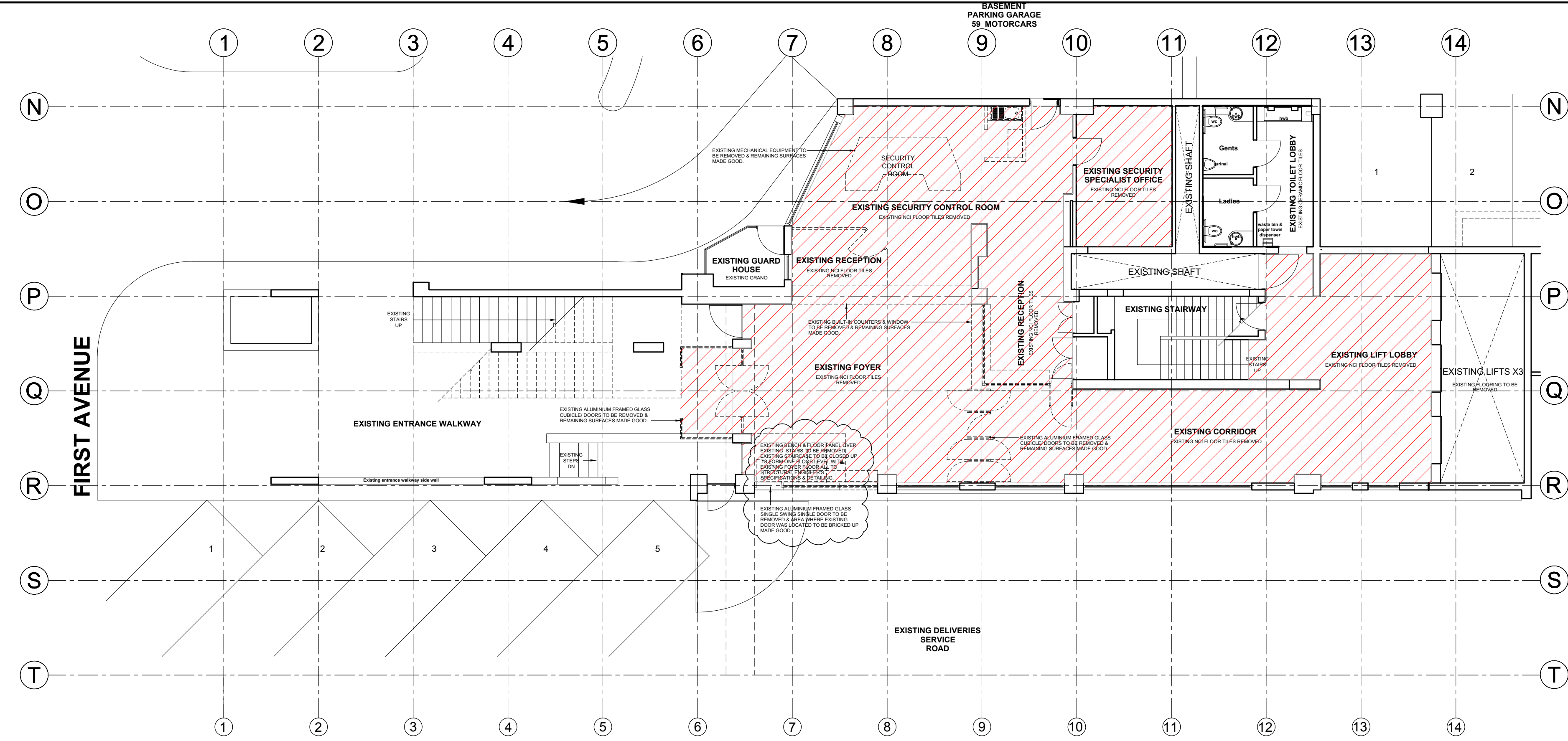
PROJECT:
**CONSTRUCTION
OF PACOFS
SECURITY ENTRANCE PLAN**

DISCIPLINE:
MECHANICAL

DRAWING TITLE :
**MECHANICAL INSTALLATION
FIRE FIGHTING & EMERGENCY
ROUTE LAYOUT**

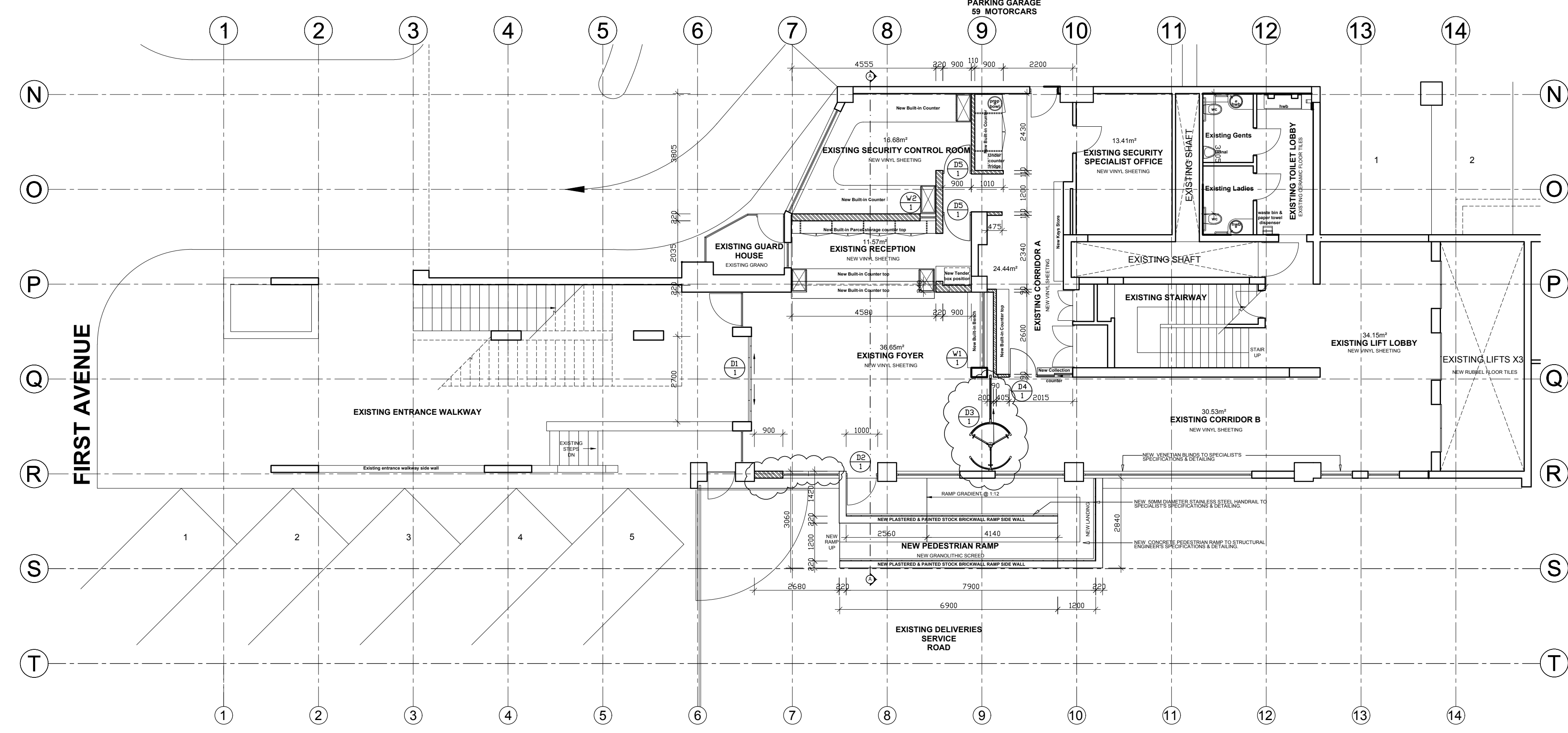
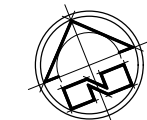
DESIGNED : K.R	DRAWN : K.K
CHECKED : K.R	PROJ. NO. : ACP 0014
APPROVED BY. : T.PAKACHENA	PROJ. DATE : JANUARY 2022
ENG. REG. : 201607223	SCALE : 1: 50
DRAWING NO : ACP 0014	REV. : 00
ME 02	SIZE : A1

PRELIMINARY USE ONLY



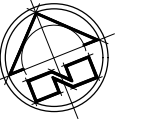
SECURITY ENTRANCE DEMOLITION PLAN

Scale 1:100



SECURITY ENTRANCE FLOOR PLAN (RENOVATION)

Scale 1:100



DRYWALL PARTITION SPECIFICATIONS:

NEW 89MM THICK LAFARGE GYPSUM FIXED PARTITION DRYWALL PARTITIONING SYSTEM OR SIMILAR APPROVED, COMPRISING OF INTERNAL FRAMING FORMED OF 64MM WIDE LAFARGE GALVANISED STEEL STUDS OR SIMILAR APPROVED, FIXED AT 600MM C/C TO LARFARGE GALVANISED FLOOR TRACKS OR SIMILAR APPROVED, INCLUDING WHERE NECESSARY ANY ADDITIONAL GALVANISED STEEL STUDDING TO FORM DOOR OPENINGS, GLAZING & OTHER APERTURES, ANGLES, CORNERS & TERMINATION ENDS. INTERNAL STEEL FRAMING TO BE DRESSED ON BOTH SIDES WITH 12MM THICK TAPERED EDGE LAFARGE PLASTERBOARD OR SIMILAR APPROVED IN SINGLE LENGTHS TO SUITE HEIGHT, BUTT JOINTED & SECURED TO STEEL STUDDING WITH 25MM DRYWALL SCREWS AT 220MM C/C. JOINTS TO BE TAPPED & JOINTED WITH LAFARGE JOINTING COMPOUND OR SIMILAR APPROVED & FLUSHED OVER WITH SKIM PLASTER, LEAVING IT PREPARED FOR DECORATION. ALL EXPOSED ALUMINIUM DOOR FRAMES, GLAZINGFRAMES, CEILING & WALL CHANNELS, BATTENS & SKIRTING ARE TO BE FORMED OF COLOUR ANODISED ALUMINIUM SECTIONS (COLOUR TO ARCHITECTS APPROVAL). INSTALLATION TO BE IN ACCORDANCE WITH SABISA INSTALLATION GUIDELINES.

INSTALL NON-COMBUSTIBLE 63MM THICK CAVITYBATT INSULATION OR SIMILAR APPROVED, OF DENSITY 14KG/M³ (PROGRESSIVELY AS BOARDING PROCEEDS) BETWEEN THE STUDS WITH THE GLASSWOOL TISSUE FACING THE INSTALLER, FIT SECURELY WITH CLOSELY BUTTED JOINTS, LEAVING NO GAPS.

JOINERY SPECIFICATIONS:

ALL BUILT-IN CUPBOARDS/ WORKTOPS / BENCHES BY SPECIALIST TO ARCHITECTS APPROVAL

GENERAL NOTES:

ALL WORK TO COMPLY WITH AND BE CARRIED OUT IN STRICT ACCORDANCE WITH NATIONAL BUILDING REGULATIONS SANS 10400

ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK IS PUT IN HAND. THIS DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS MAY BE USED.

COPYRIGHT RESERVED BY ARCHITECTS


LEGEND:

	NEW GYPSUM DRYWALL PARTITION TO BE BUILT
	NEW BRICK WALL TO BE BUILT
	EXISTING WALL TO BE DEMOLISHED
	EXISTING WALL
	EXISTING DOOR TO BE REMOVED
	EXISTING SINK TO BE REMOVED
	NEW DOOR TO BE INSTALLED
	NEW WINDOW TO BE INSTALLED
	NEW SHOPFRONT TO BE INSTALLED
	AREA TO BE REFURBISHED & ALTERED

TENDER DRAWINGS

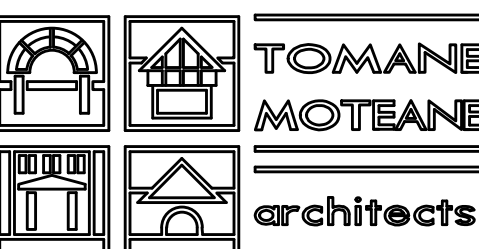
NO.	DATE	AMENDMENT	INITIALS
0	SEPT. 2022	Where indicated with revision cloud	DN

client

 12 First Avenue
Westdene
PO Box 1293
Bloemfontein, 9300

PERFORMANCE
ART
CENTRE
OF THE
FREE STATE

consultants

 P.O. BOX 7025
BLOEMFONTEIN
9300
TEL (051) 447 8133/4
FAX (051) 447 8269
E: tmarch@telkomsa.net

No.120 NELSON MANDELA
WESTDEN
BLOEMFONTEIN
9300

discipline
ARCHITECTURE

service
REFURBISHMENT & ALTERATIONS TO
THE EXISTING PACOFS ENTRANCE
LOBBY IN BLOEMFONTEIN

drawing title
PACOFS SECURITY ENTRANCE:
DEMOLITION PLAN & RENOVATION
FLOOR PLAN

scale	AS SHOWN	designed	A. DE JONGH/A. TOMANE
date	JUNE 2021	drawn	D. NANTAGYA
checked		checked	A. TOMANE
drawing number	B1027-TD 100	revision	0



our file no.:		B1027
scale	AS SHOWN	designed A. DE JONG / A. TOMANÉ
date	JUNE 2021	drawn D. NANTAGYA
		checked A. TOMANÉ
drawing scale:		revision
B1027-TD 200		0

EXISTING FOYER		EXISTING RECEPTION, EXISTING SECURITY CONTROL ROOM		
WINDOW TYPE NO.	W1/1	WINDOW TYPE NO.	W2/1	WINDOW TYPE NO.
WINDOW DESCRIPTION	2,395mm wide x 830mm high purpose-made fixed bronze anodised aluminium framed glass window	WINDOW DESCRIPTION	1,445mm wide x 500mm high purpose-made fixed bronze anodised aluminium framed glass window	WINDOW DESCRIPTION
FRAME	30 x 50mm thick performance class A2 bronze anodised aluminium frame. Extruded aluminium sections shall be fabricated from alloy 6063 or 6061 or temper T5 or T6 all in accordance with the latest edition of BS EN 755. Anodising shall be in strict accordance with SANS 999 with AA15 anodising grade.	FRAME	30 x 50mm thick performance class A2 bronze anodised aluminium frame. Extruded aluminium sections shall be fabricated from alloy 6063 or 6061 or temper T5 or T6 all in accordance with the latest edition of BS EN 755. Anodising shall be in strict accordance with SANS 999 with AA15 anodising grade.	FRAME
GLASS	6.38mm thick one-way view nominal strength laminated safety glass. Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and all in accordance with NBR Parts B, N, T, SANS 10137, SANS 10400, and SANS 1263.	GLASS	6.38mm thick one-way view nominal strength laminated safety glass. Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and all in accordance with NBR Parts B, N, T, SANS 10137, SANS 10400, and SANS 1263.	GLASS
IRON MONGERY	As supplied by approved manufacturer.	IRON MONGERY	As supplied by approved manufacturer.	IRON MONGERY
SECURITY BARS	n/a	SECURITY BARS	n/a	SECURITY BARS