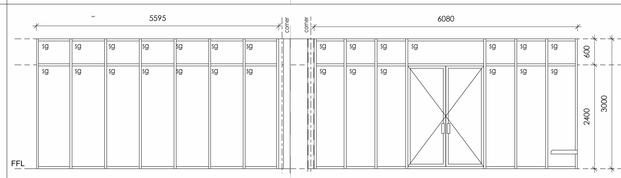
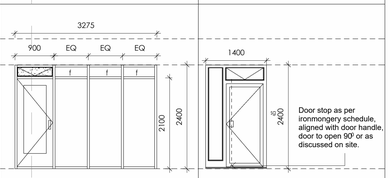
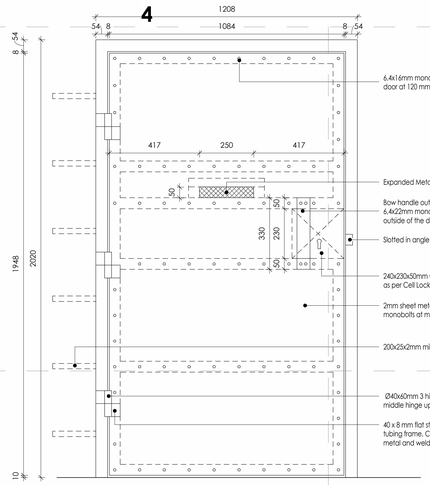
STEEL CURTAIN WALLS

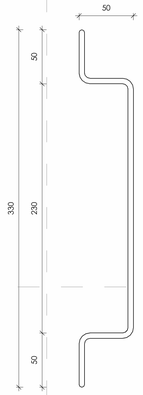
	1	2	3
DOOR TYPE	CW-A	CW-B, SD-J	SD-E
LOCATION	CSC Main Entrance Waiting Area	Victum Friendly Area	Secure Passages
ELEVATION & PLAN			Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.
DIMENSIONS	5595x3000mm & 6080x3000mm	3275x2400mm	1400x2400mm
DESCRIPTION	External grade high-tech folded steel sections Miminium 100mm stile with rebated meeting stiles.	External grade high-tech folded steel sections	External grade high-tech folded steel sections
FRAME	Aluminum frame with powder coating - Interpon Class 2 D2525T Colour: Matte Charcoal QL258P, to Architect's approval	Aluminum frame with powder coating - Interpon Class 2 D2525T Colour: Matte Charcoal QL258P, to Architect's approval	Aluminum frame with powder coating - Interpon Class 2 D2525T Colour: Matte Charcoal QL258P, to Architect's approval
MISCELLANEOUS	Ironmongery as per Ironmongery schedule.	Ironmongery as per Ironmongery schedule.	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges per leaf
GLAZING	Single 6.38mm laminated safety glazing Colour: Neutral	Single 6.38mm laminated safety glazing Colour: Neutral	6.3mm safety glazing



Typical Cell Door
1 : 10

Note:
All work according to Departmental Specification PW 371
All steel work to be hot dipped galvanised, all in accordance with SANS Specification 121 (SABS ISO 1461). - see PW 371 Section 12 Clause 12.1 to 12.3

Details as per SAPS 5 Star Specification



Bow Handle Detail
1 : 2

Note:

6x6mm solid aluminium burglar guards horizontally at 100mm centres to all glazed window sections (opening & fixed)

All windows, doors, & shopfronts to be sealed against wall reveals with Mapeflex PU45 Rapid hardening, paintable polyeurethane sealant.

All Interpon powders to be applied by approved applicator with a 15 year project warrantee.

Aluminium extruded sections to be fabricated from alloy 6063 in temper T5 or T6 in accordance with latest BS EN 755. The extruded sections shall be of quality and strength to achieve the load bearing profiles as laid down in section 13. All aluminium shall be pre-treated in accordance with SANS 1796
to ensure excellent adhesion properties.

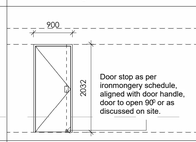
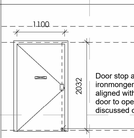
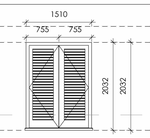
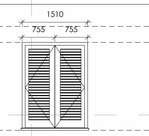
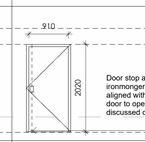
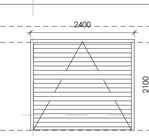
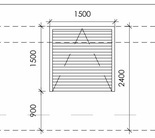
GENERAL DRAWING NOTES

- THE DESIGN ON THIS DRAWING IS COPYRIGHT AND REMAINS THE PROPERTY OF THE ARCHITECTS.
- ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH MUNICIPAL REGULATIONS.
- DRAWINGS NOT TO BE SCALED, ONLY ANNOTATED DIMENSIONS TO BE USED.
- ALL RELEVANT DATUM, LEVELS, DIMENSIONS TO BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.
- ALL DRAWINGS ARE TO BE CHECKED BY THE MAIN CONTRACTOR AND ANY DISCREPANCIES ON THE DRAWINGS OR BETWEEN THE DRAWINGS ARE TO BE REFERRED TO THE ARCHITECT.
- CONTRACTOR TO CHECK ALL QUANTITIES PRIOR TO ORDERING AND MANUFACTURE.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL BY ARCHITECT PRIOR TO MANUFACTURE.

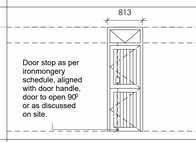
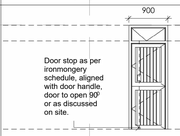
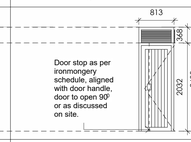
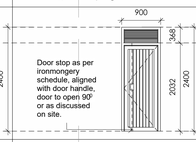
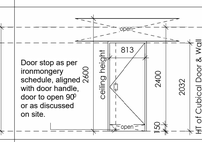
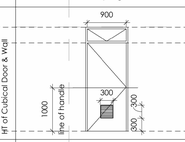
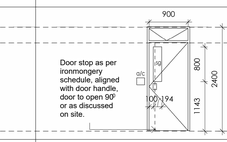
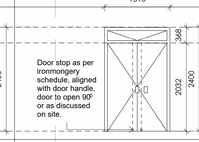
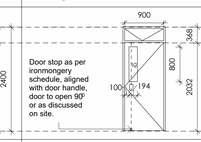
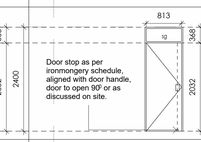
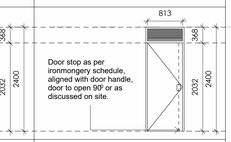
Revision:

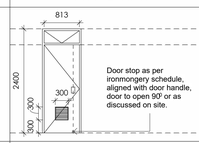
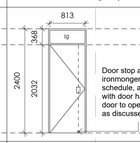
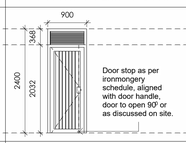
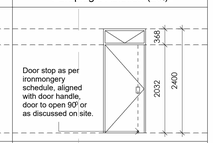
No.	Description	Date

STEEL DOORS

DOOR TYPE	SD-A	SD-B	SD-C	SD-D	SD-F	SD-G	SD-H
LOCATION	Strongroom - Safes	Admittance Area	Garden Store & Service Room	Refuse Areas	Cell Doors	Roadblock / Tyre Store	Boardroom Kitchenette
ELEVATION & PLAN	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.			 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.		
DIMENSIONS	900x2032mm	1100x2020mm	1510x2032mm	1510x2032mm	910x2020mm	2400x2100mm	1500x1500mm
DESCRIPTION	Approved SABS Strongroom Door by specialists as per SANS 10052 - 2007 for 50mm Category 2 Strongrooms.	GMS Door & Grille manufactured from steel tubing, bars and steel sheet metal shaped into sizes as per SAP 5 star specifications **Type T1** (POL 2012/D1a).	High Security Door - GMS double louvred door in two equal leaves with 50mm frame. Miminium 100mm stile with rebated meeting stiles.	Refuse Area - GMS double louvred door in two equal leaves with 50mm frame. Miminium 100mm stile with rebated meeting stiles.	GMS Door manufactured from steel tubing, bars and steel sheet metal shaped into sizes as per SAP 5 star specifications **Type T2** (POL 2012/D1).	Solid Steel Slatted Roller Shutter Door Manually Operated to suit, complete with Aluminium T-Bar and weather seal, Lockable slide bolts, 75X0.8mm slats, Galvanised finish on slats, 75mm guide channels	Solid Steel Slatted Roller Shutter Door Manually Operated to suit, complete with Aluminium T-Bar and weather seal, Lockable slide bolts, 75X0.8mm slats, Epoxy Powder coated finish on slats, 75mm guide channels
FRAME	As supplied with the door.	Frame manufactured from steel angles and 2mm thick steel sheet shaped into sizes as per SAP 5 star specifications. **See Drawing 500F.**	75 x 50 x 2mm galvanised mild steel frame with fixing lugs and hinge pins as detailed as supplied with the door. (Transformer room door)	1.6mm thick pressed stainless steel frame to suit wall thickness as per frame schedule.	Frame manufactured from steel angles and 2mm thick steel sheet shaped into sizes as per SAP 5 star specifications.	Guide Channels and End-Plates will be galvanised.	Guide Channels and End-Plates will be epoxy powder coated to Architect's Spec.
MISCELLANEOUS	Ironmongery as supplied, integrated with door.	**Ironmongery as per SAPS 5 Star Specification POL 2012/D1a**	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges per leaf Expanded metal antivermin mesh applied to back	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges per leaf Expanded metal antivermin mesh applied to back	**Ironmongery as per SAPS 5 Star Specification POL 2012/D1 See Drawing above.**	Centrally located lock anc Handle combination with locking slide bolts both sides of door. All toManufacturers specifications. Brackets supported above and to each side of the opening	Centrally located lock anc Handle combination with locking slide bolts both sides of door. All toManufacturers specifications. Brackets supported above and to each side of the opening
GLAZING	n/a	n/a	n/a	n/a	n/a	n/a	n/a

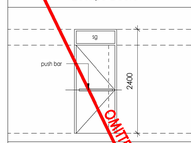
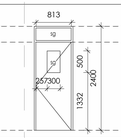
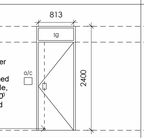
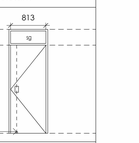
TIMBER DOORS

DOOR TYPE	TD-D	TD-E	TD-F	TD-G	TD-H	TD-JA	TD-L	TD-U	TD-N	TD-P	TD-Q
LOCATION	LQ - Entrance	LQ - Paraplegic Entrance	LQ - Patio	LQ - Paraplegic Patio	Cubical	Paraplegic	Staff Main Entrance	Boardroom	Strongroom Entrance / Kitchen Yard	Storeroom/ DB	Duct
ELEVATION & PLAN	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.		 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.		 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.
DIMENSIONS	813x2400mm	900x2400mm	813x2400mm	900x2032mm	813x2032mm	900x2400mm	900x2400mm	1500x2400mm	813x2400mm	813x2400mm	813x2400mm
DESCRIPTION	External grade battoned, ledged, braced and framed solid hardwood stable door Mortise jointed door with double bottom rail.	External grade battoned, ledged, braced and framed solid hardwood door Mortise jointed door with double bottom rail.	External grade battoned, ledged, braced and framed solid hardwood door Mortise jointed door with double bottom rail.	External grade battoned, ledged, braced and framed solid hardwood door Mortise jointed door with double bottom rail.	Solid Core Flush Panel timber door Softwood fill to be F jointed. Primed and Painted on all 6 sides.	Solid Core Flush Panel timber door Softwood fill to be F jointed. Primed and Painted on all 6 sides.	Semi- External Solid Core Flush Panel timber door. Softwood fill to be F jointed. Primed and Painted on all 6 sides.	Solid Core Flush Panel timber symmetrical double door Softwood fill to be F jointed. Primed and Painted on all 6 sides. Rebated.	External Grade Solid Core Flush Panel timber door . Softwood fill to be F jointed. Primed and Painted on all 6 sides.	External Grade Solid Core Flush Panel timber door. Softwood fill to be F jointed. Primed and Painted on all 6 sides.	External Grade Solid Core Flush Panel timber door. Softwood fill to be F jointed. Primed and Painted on all 6 sides.
FRAME	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.
MISCELLANEOUS	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges per leaf	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges per leaf	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges per leaf	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf 300x300mm louvre grille.	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf. Access control as per electrical engineer. Access control position as per plan.	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf.	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf.	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf. 813x368mm GMS louvred grille.
GLAZING	n/a	n/a	n/a	n/a	n/a	6.3mm safety glazing	150x800mm Viewing Panel with 6.3mm safety glazing	6.3mm safety glazing	6.3mm safety glazing	n/a	

DOOR TYPE	TD-R	TD-S	TD-T	TD-JB
LOCATION	Ablution Entrance	Dockets / Registry / Archives	Inmates Kitchen/ External Ducts	Paraplegic Ablution (LQ)
ELEVATION & PLAN	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.
DIMENSIONS	813x2400mm	813x2400mm	900x2032mm	900x2400mm
DESCRIPTION	Solid Core Flush Panel timber door Softwood fill to be F jointed. Primed and Painted on all 6 sides.	Solid Core Flush Panel timber door Softwood fill to be F jointed. Primed and Painted on all 6 sides.	External grade battoned, ledged, braced and framed solid hardwood door. Mortise jointed door with double bottom rail.	Solid Core Flush Panel timber door Softwood fill to be F jointed. Primed and Painted on all 6 sides.
FRAME	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.
MISCELLANEOUS	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf 300x300mm louvre grille.	Ironmongery as per Ironmongery schedule. Strong bolt or similar security lock and anti-drill cylinder. Hinges to have s/s hinge security pins.	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges per leaf 813x368mm GMS louvred grille.	Ironmongery as per Ironmongery schedule. 1.5 pairs stainless steel hinges to architects spec per leaf 300x300mm louvre grille.
GLAZING	6.3mm safety glazing	6.3mm safety glazing	n/a	6.3mm safety glazing

Door Schedule
1 : 50

SPECIALIZED DOORS

ED-A	BR-A	BR-B	BR-C
Escape Doors	High Security Storage / Safes	Access Controlled Bullet Resistant	Bullet Resistant
		 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.	 Door stop as per ironmongery schedule, aligned with door handle, door to open 90° or as discussed on site.
900x2400mm	813x2400mm	813x2400mm	813x2400mm
External grade single solid core flush panel fire escape door. External face clad with GMS panel.	External Grade Bullet Resistant Level G3 Solid Core Flush Panel door. Primed and Painted on all 6 sides.	External Grade Access Controlled Bullet Resistant Level G3 Solid Core Flush Panel. Primed and Painted on all 6 sides.	External Grade Bullet Resistant Level G3 Solid Core Flush Panel door. Primed and Painted on all 6 sides.
1.8mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	100x50x2mm mild steel frame as per manufacturers specification.	2mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.	2mm thick pressed Galvanised mild steel frame to suit wall thickness as per frame schedule.
Ironmongery as per Ironmongery schedule.	Ironmongery as per Ironmongery schedule. 5 pin CISA dead lock, continuous roton type hinge, aluminum slam bar and D-style pull handles	Ironmongery as per Ironmongery schedule. Access control as per electrical engineer. Access control position as per plan.	Ironmongery as per Ironmongery schedule.
6.3mm safety glazing	500x800mm Viewing Panel with 53mm safety glazing	6.3mm safety glazing	6.3mm safety glazing

OMITTED

Note: All Timber doors to have a thickness of 44mm

Client

Signature: Date:

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Project Title:
Proposed New Msinsini Police Station for the South African Police Service on Portion 4 of the farm Clifton Park No.9219

First Issue Date: **05/06/24**	Page Size: A0
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Checked: **BS**	

Drawing Description:
Door Schedule

Job no.:	Drawing no.:	Rev. no.:
s571	**S4-500A**	

Signature:

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