

IKHALA TVET COLLEGE
STERKSPRUIT BUSINESS CENTRE

DOOR SCHEDULE	TYPE D01	TYPE D02	STEEL DOOR GRATES
	EXTERIOR DOOR Elevation 1:50	INTERIOR DOOR Elevation 1:50	EXTERIOR DOOR Elevation 1:50
	Door location Computer Lab, Classrooms, Simulation room	Storeroom	Door Grates for Door 01
	Door Description 813mm x 2032mm x 44mm thick exterior grade solid double timber door with 3mm thick ply on both sides with 2 consolidated edges fitted to comply with SABS 545 in Steel frame. All painted in accordance with Architect's colour schedule.	813mm x 2032mm x 44mm thick interior grade solid core timber door with 3mm thick ply on both sides with 2 consolidated edges fitted to comply with SABS 545 in Steel frame. All painted in accordance with Architect's colour schedule.	Purpose made Mild-Steel Grille gate painted blue. All mild steel sections/members are to be Galvanised to be applicable to S.A.B.S standards and not to receive any paint.
	Door Frame Standard 1.6mm galvanised mild steel double rebate pressed metal frame complying to SABS 1129 complete with lugs and fixtures. Frame profiles to suit wall thickness (115mm, 230mm and 345mm) as per floor plans.	Standard 1.6mm galvanised mild steel double rebate pressed metal frame complying to SABS 1129 complete with lugs and fixtures. Frame profiles to suit wall thickness (115mm, 230mm and 345mm) as per floor plans.	Prepare Frame and apply low gloss enamel paint system suitable for mild steel to cover sufficiently. All to manufacture's spec. Colour to Architect's approval.
	Frame Finish Washable enamel paint finish complying with SABS 723 for primer, SABS681 for undercoat and SABS 630 type 2 for finish coat. Colour paint in red to match existing.	Washable enamel paint finish complying with SABS 723 for primer, SABS681 for undercoat and SABS 630 type 2 for finish coat. Colour paint in blue to match existing.	All mild steel sections/members are to be Galvanised to be applicable to S.A.B.S standards and not to receive any paint.
	Door Finish Varnish finish complying with SABS 723, SABS681 and SABS 630. Colour paint in blue to match existing.	Varnish finish complying with SABS 723, SABS681 and SABS 630. Colour paint in red to match existing.	All mild steel sections/members are to be Galvanised to be applicable to S.A.B.S standards and not to receive any paint.
	Glazing Glazing shall be executed in strict accordance with the National Building Regulations Part N, SABS 10137, SABS 10400 SABS 1263 and AAAMSA SELECTION GUIDE for SAFETY GLAZING MATERIALS with the following thickness, 8,76mm thick laminated Low E safety glass in all panels below 900mm height from FFL including door panel glazing, 6,38 glass in all panels above 2040mm	None	None
	Hinges 3 no. stainless steel medium duty butt hinges.	3 no. stainless steel medium duty butt hinges.	Refer to specialist schedule and specification.
	Quantity 4 New	1 Existing + 3 New	4 New
	Note All Doors are viewed from the outside. All Dimensions are to be checked on site prior to manufacturing.	All Doors are viewed from the outside. All Dimensions are to be checked on site prior to manufacturing.	All Doors are viewed from the outside. All Dimensions are to be checked on site prior to manufacturing.

GENERAL NOTES

- ALL DIMENSIONS ARE IN mm AND MUST BE CHECKED ON SITE AND DRAWINGS MUST NOT BE SCALED.
- THIS DRAWING MUST NOT BE SCALED, FIGURED DIMENSIONS ONLY TO BE USED.
- DISCREPANCIES, ERRORS AND DIMENSIONS ARE TO BE REPORTED TO THE ARCHITECT (EMPLOYER) IMMEDIATELY THEY BECOME EVIDENT FOR RECTIFICATION OR CLARIFICATION BEFORE ANY CONSTRUCTION MAY COMMENCE.
- ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE PRIOR TO COMMENCING SETTING OUT, WORKSHOP DRAWINGS OR CONSTRUCTION.
- ALL MATERIALS AND CONSTRUCTION MUST COMPLY WITH THE NATIONAL BUILDING REGULATIONS (ACT NO 103 OF 1977) INCLUDING ALL AMENDMENTS, SANS 10400 AS WELL AS THE BY-LAWS OF THE LOCAL AUTHORITIES.
- ALL MATERIALS MUST BE FIXED AND FINISHED STRICTLY TO MANUFACTURER'S SPECIFICATION, UNLESS OTHERWISE SPECIFIED. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE OR INSTALLATION.
- COPY RIGHT AND RIGHT OF REPRODUCTION OF THIS DRAWING OR ANY PORTION THEREOF IS RESERVED BY GREENFIELD RESOURCES.

LEGEND TO FINISHES:		
CEILING FINISH	C F	FLOOR FINISH
WALL FINISH	R S	SKIRTING FINISH
A	15-09-2025	DESIGN DEVELOPMENT
REV. NO.	DATE	DESCRIPTION
		REVISION

WINDOW SCHEDULE	SS44 2.49 m ²	SS42 1.27 m ²	SS43 1.88 m ²
	ELEVATION 1:50	ELEVATION 1:50	ELEVATION 1:50
	Window Description Standard galvanised mild steel top hung window. Manufactured, assembled and delivered to site complete with ironmongery comprising approved hinges, pivoting mechanisms, stays, fasteners and weathers bars to operable panels; plugged and screwed/ built into walling.	Standard galvanised mild steel top hung window. Manufactured, assembled and delivered to site complete with ironmongery comprising approved hinges, pivoting mechanisms, stays, fasteners and weathers bars to operable panels; plugged and screwed/ built into walling.	Standard galvanised mild steel top hung window. Manufactured, assembled and delivered to site complete with ironmongery comprising approved hinges, pivoting mechanisms, stays, fasteners and weathers bars to operable panels; plugged and screwed/ built into walling.
	Window Frame Finish Standard galvanised mild steel window frame. Manufactured to comply with SABS 727. Frames to be factory primed with zinc phosphate primer to comply with SABS 1319 before delivery, and finished with one universal undercoat to comply with SABS 681 grade 1, finished with two coats alkyl enamel paint to comply with SABS 630. To manufacturer's specifications. Colour to Architect's approval.	Standard galvanised mild steel window frame. Manufactured to comply with SABS 727. Frames to be factory primed with zinc phosphate primer to comply with SABS 1319 before delivery, and finished with one universal undercoat to comply with SABS 681 grade 1, finished with two coats alkyl enamel paint to comply with SABS 630. To manufacturer's specifications. Colour to Architect's approval.	Standard galvanised mild steel window frame. Manufactured to comply with SABS 727. Frames to be factory primed with zinc phosphate primer to comply with SABS 1319 before delivery, and finished with one universal undercoat to comply with SABS 681 grade 1, finished with two coats alkyl enamel paint to comply with SABS 630. To manufacturer's specifications. Colour to Architect's approval.
	Glazing Glazing shall be executed in strict accordance with the National Building Regulations Part N, SABS 10137, SABS 10400 SABS 1263 and AAAMSA SELECTION GUIDE for SAFETY GLAZING MATERIALS with the following thickness, 8,76mm thick laminated Low E safety glass in all panels below 900mm height from FFL including door panel glazing, 6,38 glass in all panels above 2040mm	Glazing shall be executed in strict accordance with the National Building Regulations Part N, SABS 10137, SABS 10400 SABS 1263 and AAAMSA SELECTION GUIDE for SAFETY GLAZING MATERIALS with the following thickness, 8,76mm thick laminated Low E safety glass in all panels below 900mm height from FFL including door panel glazing, 6,38 glass in all panels above 2040mm	Glazing shall be executed in strict accordance with the National Building Regulations Part N, SABS 10137, SABS 10400 SABS 1263 and AAAMSA SELECTION GUIDE for SAFETY GLAZING MATERIALS with the following thickness, 8,76mm thick laminated Low E safety glass in all panels below 900mm height from FFL including door panel glazing, 6,38 glass in all panels above 2040mm
	Fittings Factory fitted	Factory fitted	Factory fitted
	Burglar Bars STANDARD WELDED STEEL FITTINGS (INTERNAL) 12mm solid square bars fixed on frame with upright members and cross members fixed with temper proof fasteners on all four sides. To be painted to match existing window frame colour external and internal burglar bars according to SABS 1461. Architects to approve sample.	STANDARD WELDED STEEL FITTINGS (INTERNAL) 12mm solid square bars fixed on frame with upright members and cross members fixed with temper proof fasteners on all four sides. To be painted to match existing window frame colour external and internal burglar bars according to SABS 1461. Architects to approve sample.	STANDARD WELDED STEEL FITTINGS (INTERNAL) 12mm solid square bars fixed on frame with upright members and cross members fixed with temper proof fasteners on all four sides. To be painted to match existing window frame colour external and internal burglar bars according to SABS 1461. Architects to approve sample.
	Ironmongery All ironmongery to be supplied by the manufacturer. Articles shall be fixed with screws of similar metal and shall be eased, oiled, adjusted and left in perfect order on completion.	All ironmongery to be supplied by the manufacturer. Articles shall be fixed with screws of similar metal and shall be eased, oiled, adjusted and left in perfect order on completion.	All ironmongery to be supplied by the manufacturer. Articles shall be fixed with screws of similar metal and shall be eased, oiled, adjusted and left in perfect order on completion.
	Quantity 3 Existing	1 Existing	19 Existing + 4 New
	Note All Windows are viewed from the outside. All Dimensions are to be checked on site prior to manufacturing.	All Windows are viewed from the outside. All Dimensions are to be checked on site prior to manufacturing.	All Windows are viewed from the outside. All Dimensions are to be checked on site prior to manufacturing.

DEPARTMENT:



higher education
& training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

CLIENT:



PRINCIPAL AGENT:



GREENFIELD RESOURCES

INTEGRITY | EFFICIENCY | AGILITY

Project:

ALTERATIONS & ADDITIONS TO IKHALA
TVET COLLEGE STERKSPRUIT BUSINESS CAMPUS

Master Plan Reference:

IKHALA TVET COLLEGE: STERKSPRUIT
BUSINESS CAMPUS

Drawing:

CARPENTRY BUILDING DOOR AND WINDOW
SCHEDULE

Status:

STAGE 3: DESIGN DEVELOPMENT

Drawn By:	M M	Drg. No:
Checked By:	T N	P 25006 DWG A006-03 MM
Scale:	As Shown	Rev. No:
Date:	15-09-2025	A
Project No:	P 25006	

CARPENTRY BUILDING DOOR AND WINDOW SCHEDULE
1:50