	ALUMINIUM WINDOWS				
	Design, supply and install powder coated (colour T.B.C) extruded aluminium windows complete with frames, subframes, constructed and installed according to the guidelines of The Association of Architectural Aluminium Manufactures of South Africa (AAAMSA). Glazing to be minimum 6.38mm clear laminated safety glass carried out in strict accordance with SANS Part N: "Glazing" and where required, safety glazing to conform with SANS 1263, complete with standard ironmongery, including weatherproofing sealing on both sides with "DOWSIL 890-SL" silicone joint sealant (or equivalent), and fixing into brickwork and/or concrete, complete (Refer to Architect's Window Schedule - Drawing 603)				
2/12/11	Window size 600 x 900mm high overall (Window Type: 03)	No	4		l
2/12/12	Window size 900 x 1 200mm high overall (Window Type: 01)	No	2		Ī
2/12/13	Window size 1 500 x 1 650mm high overall (Window Type: 05)	No	1		Ī
2/12/14	Window size 1 590 x 900mm high overall (Window Type: 02)	No	3		Ī
2/12/15	Window size 1 590 x 1 420mm high overall (Window Type: 13)	No	5		Ī
2/12/16	Window size 1 655 x 1 650mm high overall (Window Type: 08)	No	1		1
2/12/17	Window size 1 800 x 1 200mm high overall (Window Type: 06)	No	1		
2/12/18	Window size 1 930 x 1 200mm high overall (Window Type: 10)	No	3		
2/12/19	Window size 1 930 x 1 195mm high overall (Window Type: 11)	No	10		
	Carried to Collection BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data Reference No. 223Q/2024/25			R	_ _

BILLS OF QUANTITIES

Window size 2 135 x 1 650mm high overall (Window Type: 07)	No	2		
Window size 2 530 x 1 650mm high overall (Window Type: 09)	No	1		
Window size 2 865 x 1 600mm high overall (Window Type: 04)	No	2		
ALUMINIUM DOORS				
Design, supply and install powder coated (colour T.B.C) extruded aluminium doors complete with frames, subframes, constructed and installed according to the guidelines of The Association of Architectural Aluminium Manufactures of South Africa (AAAMSA). Glazing to be minimum 6.38mm clear laminated safety glass carried out in strict accordance with SANS Part N: "Glazing" and where required, safety glazing to conform with SANS 1263, complete with standard ironmongery, including weatherproofing sealing on both sides with "DOWSIL 890-SL" silicone joint sealant (or equivalent), and fixing into brickwork or concrete, complete (Refer to Architect's Door Schedule - Drawing 601 and 602)				
Purpose made powder coated aluminium door size 813 x 2100mm including frame, 1 No. fixed panel (583 x 1910mm) of 6.38mm clear laminated safety glass	No	9		
Purpose made powder coated aluminium single door with fanlight size 900 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanlight glazed with 6.38mm clear laminated safety glass (Door type 8)	No	23		
Purpose made powder coated aluminium single door with fanlight size 1000 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanlight glazed with 6.38mm clear laminated safety glass (Door type 17)	No	1		
Carried to Collection BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data Reference No. 223Q/2024/25			R	
	Window size 2 530 x 1 650mm high overall (Window Type: 09) Window size 2 865 x 1 600mm high overall (Window Type: 04) ALUMINIUM DOORS Design, supply and install powder coated (colour T.B.C) extruded aluminium doors complete with frames, subframes, constructed and installed according to the guidelines of The Association of Architectural Aluminium Manufactures of South Africa (AAAMSA). Glazing to be minimum 6.38mm clear laminated safety glass carried out in strict accordance with SANS Part N: "Glazing" and where required, safety glazing to conform with SANS 1263, complete with standard ironmongery, including weatherproofing sealing on both sides with "DOWSIL 890-SL" silicone joint sealant (or equivalent), and fixing into brickwork or concrete, complete (Refer to Architect's Door Schedule - Drawing 601 and 602) Purpose made powder coated aluminium door size 813 x 2100mm including frame, 1 No. fixed panel (583 x 1910mm) of 6.38mm clear laminated safety glass Purpose made powder coated aluminium single door with fanlight size 900 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanlight glazed with 6.38mm clear laminated safety glass (Door type 8) Purpose made powder coated aluminium single door with fanlight size 1000 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanlight glazed with 6.38mm clear laminated safety glass (Door type 8) Carried to Collection BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data	Window size 2 530 x 1 650mm high overall (Window Type: 09) Window size 2 865 x 1 600mm high overall (Window Type: 04) ALUMINIUM DOORS Design, supply and install powder coated (colour T.B.C) extruded aluminium doors complete with frames, subframes, constructed and installed according to the guidelines of The Association of Architectural Aluminium Manufactures of South Africa (AAMSA). Glazing to be minimum 6.38mm clear laminated safety glass carried out in strict accordance with SANS Part N: "Glazing" and where required, safety glazing to conform with SANS 1263, complete with standard ironmongery, including weatherproofing sealing on both sides with "DOWSIL 890-SL" silicone joint sealant (or equivalent), and fixing into brickwork or concrete, complete (Refer to Architect's Door Schedule Drawing 601 and 602) Purpose made powder coated aluminium door size 813 x 2100mm including frame, 1 No. fixed panel (583 x 1910mm) of 6.38mm clear laminated safety glass Purpose made powder coated aluminium single door with fanlight size 900 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanlight glazed with 6.38mm clear laminated safety glass (Door type 8) Purpose made powder coated aluminium single door with fanlight size 1000 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanlight glazed with 6.38mm clear laminated safety glass (Door type 8) No Carried to Collection BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data	Window size 2 530 x 1 650mm high overall (Window Type: 09) Window size 2 865 x 1 600mm high overall (Window Type: 04) ALUMINIUM DOORS Design, supply and install powder coated (colour T.B.C) extruded aluminium doors complete with frames, subframes, constructed and installed according to the guidelines of The Association of Architectural Aluminium Manufactures of South Africa (AAMSA). Glazing to be minimum 6.38mm clear laminated safety glass carried out in strict accordance with SANS Part N: "Glazing" and where required, safety glazing to conform with SANS 1263, complete with standard ironmongery, including weatherproofing sealing on both sides with "DOWSIL 890-SL" silicone joint sealant (or equivalent), and fixing into brickwork or concrete, complete (Refer to Architect's Door Schedule - Drawing 601 and 602) Purpose made powder coated aluminium door size 813 x 2 100mm including frame, 1 No. fixed panel (563 x 1910mm) of 6.38mm clear laminated safety glass Purpose made powder coated aluminium single door with fanlight size 900 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanlight glazed with 6.38mm clear laminated safety glass (Door type 8) Purpose made powder coated aluminium single door with fanlight size 1000 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanlight glazed with 6.38mm clear laminated safety glass (Door type 17) Carried to Collection BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data	Type: 07) Window size 2 530 x 1 650mm high overall (Window Type: 09) No 1 Window size 2 865 x 1 600mm high overall (Window Type: 04) No 2 ALUMINIUM DOORS Design, supply and install powder coated (colour T.B.C) extruded aluminium doors complete with frames, subframes, constructed and installed according to the guidelines of The Association of Architectural Aluminium Manufactures of South Africa (AAAMSA). Glazing to be minimum 6.38mm clear laminated safety glass carried out in strict accordance with SANS Part N: "Glazing" and where required, safety glazing to conform with SANS 1263, complete with standard ironmongery, including weatherproofing sealing on both sides with "DOWSIL 890-SL" silicone joint sealant (or equivalent), and fixing into brickwork or concrete, complete (Refer to Architect's Door Schedule-Drawing 601 and 602) Purpose made powder coated aluminium door size 813 x 2100mm including frame, 1 No. fixed panel (583 x 1910mm) of 6.38mm clear laminated safety glass No 9 Purpose made powder coated aluminium single door with familight size 900 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanilight glazed with 6.38mm clear laminated safety glass (Door type 8) Purpose made powder coated aluminium single door with fanilight size 1000 x 2 500mm overall including frame, transom and 2No. fixed panels (Unequal in size) and 1No. fanilight glazed with 6.38mm clear laminated safety glass (Door type 17) Carried to Collection R BUILDING WORKS BILL NO. 12 METALWORK BILL NO. 12 METALWORK Part C2: Pricing Data

Purpose made powder coated aluminium double door with fanlight size 1500 x 2 500mm overall including frame, transom glazed with 6.38mm clear laminated safety glass (Door type 01)	No	3			
Purpose made powder coated shopfront 3 075 x 2 500mm high overall consists of 3No. fixed panels 712 x 2100mm, Fanlight 3075 x 400mm and 1No. glazed door 940 x 2100mm all glazed with a minimum of 6.38mm thick clear laminated safety glass as indicated on door schedule (Door type 22 - Drawing no. 602)	No	1			
GALVANISED GATES					
Welded mild steel gates to concrete/brickwork complete including all fixings, cleats, support posts, lockboxes, ironmongery as per Architect's schedule and manufacturer's specifications					
References given in descriptions refer to the respective details on the schedule drawing no. 605.					
1100 x 2405mm High single security gate of 50 x 50 x 3mm square hollow section framing to head, jambs, bottom rail and middle rail, with 30 x 30mm square hollow sections posts in-between spaced at 150mm centres, with 3No. pivot hinges welded to posts. Gate to include 2 No. posts 2530mm high on either side, of 75 x 75 x 3mm square hollow section steel.	No	1			
7000 x 2350mm Galvanised mild steel sliding gate consisting of 75 x 75 x 3mm hollow section frame, with 30 x 30mm posts in-between spaced at 150mm centres, with steel columns 2350mm high cost into and including foundations to posts and gate track, wheels and track to manufacturer's specifications, track anchors cast into concrete foundations including all brackets, guides and fixings as indicated on Architect's drawing No. 605 - Gates Schedule	No	1			
'Centurion' (or equal and approved) D20 Turbo-Smart gate motor	No	1			
Carried to Collection BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data Reference No. 223Q/2024/25			R		
	with fanlight size 1500 x 2 500mm overall including frame, transom glazed with 6.38mm clear laminated safety glass (Door type 01) Purpose made powder coated shopfront 3 075 x 2 500mm high overall consists of 3No. fixed panels 712 x 2100mm, Fanlight 3075 x 400mm and 1No. glazed door 940 x 2100mm all glazed with a minimum of 6.38mm thick clear laminated safety glass as indicated on door schedule (Door type 22 - Drawing no. 602) GALVANISED GATES Welded mild steel gates to concrete/brickwork complete including all fixings, cleats, support posts, lockboxes, ironmongery as per Architect's schedule and manufacturer's specifications References given in descriptions refer to the respective details on the schedule drawing no. 605. 1100 x 2405mm High single security gate of 50 x 50 x 3mm square hollow section framing to head, jambs, bottom rail and middle rail, with 30 x 30mm square hollow sections posts in-between spaced at 150mm centres, with 3No. pivot hinges welded to posts. Gate to include 2 No. posts 2530mm high on either side, of 75 x 75 x 3mm square hollow section steel. 7000 x 2350mm Galvanised mild steel sliding gate consisting of 75 x 75 x 3mm hollow section frame, with 30 x 30mm posts in-between spaced at 150mm centres, with steel columns 2350mm high cost into and including foundations to posts and gate track, wheels and track to manufacturer's specifications, track anchors cast into concrete foundations including all brackets, guides and fixings as indicated on Architect's drawing No. 605 - Gates Schedule 'Centurion' (or equal and approved) D20 Turbo-Smart gate motor Carried to Collection BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data	with fanlight size 1500 x 2 500mm overall including frame, transom glazed with 6.38mm clear laminated safety glass (Door type 01) Purpose made powder coated shopfront 3 075 x 2 500mm high overall consists of 3No. fixed panels 712 x 2100mm, Fanlight 3075 x 400mm and 1No. glazed door 940 x 2100mm all glazed with a minimum of 6.38mm thick clear laminated safety glass as indicated on door schedule (Door type 22 - Drawing no. 602) Welded mild steel gates to concrete/brickwork complete including all fixings, cleats, support posts, lockboxes, ironmongery as per Architect's schedule and manufacturer's specifications References given in descriptions refer to the respective details on the schedule drawing no. 605. 1100 x 2405mm High single security gate of 50 x 50 x 3mm square hollow section framing to head, jambs, bottom rail and middle rail, with 30 x 30mm square hollow sections posts in-between spaced at 150mm centres, with 3No. pivot hinges welded to posts. Gate to include 2 No. posts 2530mm high on either side, of 75 x 75 x 3mm square hollow section steel. 7000 x 2350mm Galvanised mild steel sliding gate consisting of 75 x 75 x 3mm hollow section frame, with 30 x 30mm posts in-between spaced at 150mm centres, with steel columns 2350mm high cost into and including foundations to posts and gate track, wheels and track to manufacturer's specifications, track anchors cast into concrete foundations including all brackets, guides and fixings as indicated on Architect's drawing No. 605 - Gates Schedule Carried to Collection BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data	with fanlight size 1500 x 2 500mm overall including frame, transom glazed with 6.38mm clear laminated safety glass (Door type 01) Purpose made powder coated shopfront 3 075 x 2 500mm high overall consists of 3No. fixed panels 712 x 2100mm. Fanlight 3075 x 400mm and 1No. glazed door 940 x 2100mm all glazed with a minimum of 6.38mm thick clear laminated safety glass as indicated on door schedule (Door type 22 - Drawing no. 602) No GALVANISED GATES Welded mild steel gates to concrete/brickwork complete including all fixings, cleats, support posts, lockboxes, Ironmongery as per Architect's schedule and manufacturer's specifications References given in descriptions refer to the respective details on the schedule drawing no. 605. 1100 x 2405mm High single security gate of 50 x 50 x 3mm square hollow section framing to head, jambs, bottom rail and middle rail, with 30 x 30mm square hollow sections posts in-between spaced at 150mm centres, with 3No. pivot hinges welded to posts. Gate to include 2 No. posts 2530mm high on either side, of 75 x 75 x 3mm square hollow section steel. No 1 7000 x 2350mm Galvanised mild steel sliding gate consisting of 75 x 75 x 3mm hollow section frame, with 30 x 30mm posts in-between spaced at 150mm centres, with steel columns 2350mm high cost into and including foundations to posts and gate track, wheels and track to manufacturer's specifications, track anchors cast into concrete foundations including all brackets, guides and fixings as indicated on Architect's drawing No. 605 - Gates Schedule Carried to Collection BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data	with fanlight size 1500 x 2 500mm overall including frame, transom glazed with 6.38mm clear laminated safety glass (Door type 01) Purpose made powder coated shopfront 3 075 x 2 500mm high overall consists of 3No. fixed panels 712 x 2100mm, Fanlight 3075 x 400mm and 1No. glazed door 940 x 2100mm, Fanlight 3075 x 400mm and 1No. glazed door 940 x 2100mm all glazed with a minimum of 6.38mm thick clear laminated safety glass as indicated on door schedule (Door type 22 - Drawing no. 602) No 1 GALVANISED GATES Welded mild steel gates to concrete/brickwork complete including all fixings, cleats, support posts, lockboxes, ironmongery as per Architect's schedule and manufacturer's specifications References given in descriptions refer to the respective details on the schedule drawing no. 605. 1100 x 2405mm High single security gate of 50 x 50 x 3mm square hollow section framing to head, jambs, bottom rail and middle rail, with 30 x 30mm square hollow sections posts in-between spaced at 150mm centres, with 3No, pivot hinges welded to posts. Gate to include 2 No. posts 2530mm high on either side, of 75 x 75 x 3mm square hollow section steel. No 1 7000 x 2350mm Galvanised mild steel sliding gate consisting of 75 x 75 x 3mm hollow section frame, with 30 x 30mm posts in-between spaced at 150mm centres, with steel columns 2350mm high cost into and including foundations to posts and gate track, wheels and track to manufacturer's specifications, track anchors cast into concrete foundations including all brackets, guides and fixings as indicated on Architect's drawing No. 605 - Gates Schedule No 1 'Centurion' (or equal and approved) D20 Turbo-Smart gate motor Relicion Works BILL NO. 12 METALWORK BILL NO. 12 METALWORK Part C2: Pricing Data	with fanlight size 1500 x 2 500mm overall including frame, transon glazed with 6.38mm clear laminated safety glass (Door type 01) Purpose made powder coated shopfront 3 075 x 2 500mm high overall consists of 3No. fixed panels 712 x 2500mm high overall consists of 3No. fixed panels 712 x 2100mm, Fallight 3075 x 400mm and 1No. glazed door 940 x 2100mm all glazed with a minimum of 6.38mm thick clear laminated safety glass as indicated on door schedule (Door type 22 - Drawing no. 602) No 1 GALVANISED GATES Welded mild steel gates to concrete/brickwork complete including all fixings, cleats, support posts, lockboxes, inomnogery as per Architect's schedule and manufacturer's specifications References given in descriptions refer to the respective details on the schedule drawing no. 605. 1100 x 2405mm High single security gate of 50 x 50 x 3mm square hollow section framing to head, jambs, bottom rail and middle rail, with 30 x 30mm square hollow sections posts in-between spaced at 150mm centres, with 3No. post 2550mm high on either side, of 75 x 75 x 3mm square hollow section steel. No 1 7000 x 2350mm Galvanised mild steel sliding gate consisting of 75 x 75 x 3mm hollow section frame, with 30 x 30mm posts in-between spaced at 150mm centres, with 30 x 30mm posts in-between spaced at 150mm centres, with steel columns 2350mm high cost into and including foundations to posts and gate track, wheels and track to manufacturer's specifications, track anchors cast into concrete foundations including all brackets, guides and fixings as indicated on Architect's drawing No. 605 - Gates Schedule Centurion' (or equal and approved) D20 Turbo-Smart gate motor Reference given the same proved to the proven proved proven proved to the proven proved to the proven proved to the proven prov

	SUNDRY ALUMINIUM WORK				
	Natural anodised framing to interior/exterior of openings windows				
2/12/31	25 x 15 x 1.5mm Angle to perimeter of window	m	153		
	STONE GUARD				
	Hot dipped galvanised stone guards composed of 30 x 30mm equal angle frames welded together, with expanded steel mesh infill of Flatex 394 / VEM 630D or equivalent welded to the steel frame, with 50 x 30mm steel plates welded to frames and bolted to walls (As per Architect's drawing 603 - Window Schedule)				
2/12/32	1930 x 1195 x 400mm deep overall to suit window Type 11 complete	No	4		
	STEEL ROLLER SHUTTERS, ETC.				
	"Action Steel" or equivalent galvanised steel roller shutters with guide channels and overhang housing fixed to brickwork or concrete				
2/12/33	Electrically operated roller shutter for 4000 x 4000mm high opening (Type 19 - Drawing 602)	No	2		
2/12/34	Electrically operated roller shutter for 3780 x 4500mm high opening (Type 18 - Drawing 602)	No	1		
	Class A Fire Shutters (Refer to Fire Engineer's Drawing No. 1002839-WP8627-DRG-FI-0001 and Drawing No. 1002839-WP8627-DRG-FI-0002)				
2/12/35	Automated fire shutter for 1500 x 595mm high opening (First floor existing windows)	No	4		
2/12/36	Automated fire shutter for 1600 x 1000mm high opening (First floor existing windows)	No	2		
2/12/37	Automated fire shutter for 1600 x 1270mm high opening (First floor existing windows)	No	1		
	Carried to Collection			R	
	BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data Reference No. 223Q/2024/25				
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2/12/38	Automated fire shutter for 1655 x 1650mm high opening (Window type 8)	No	1		
2/12/39	Automated fire shutter for 1800 x 1 200mm high opening (Window type 6)	No	1		
2/12/40	Automated fire shutter for 1900 x 1000mm high opening (First floor existing windows)	No	1		
2/12/41	Automated fire shutter for 2135 x 1650mm high opening (Window type 7)	No	2		
2/12/42	Automated fire shutter for 2530 x 1650mm high opening (Window type 9)	No	1		
	ROOF LIGHTS				
2/12/43	Design, supply and install powder coated (colour T.B.C) extruded aluminium skylight complete with frames, subframes, constructed and installed according to the guidelines of The Association of Architectural Aluminium Manufactures of South Africa (AAAMSA). glazing to be minimum 6.38mm clear laminated safety glass carried out in strict accordance with SANS Part N: "Glazing" and where required, safety glazing to conform with SANS 1263, complete with standard ironmongery, including weatherproofing sealing on both sides with "DOWSIL 890-SL" silicone joint sealant (or equivalent), and fixing into roof sheeting, flashings, counter flashings, complete Skylight 900 x 1500mm overall fixed to IBR profile roof sheeting, complete with 6.38mm clear laminated safety glass	No	1		
	BUILDING WORKS BILL NO. 12 METALWORK Part C2: Pricing Data Reference No. 223Q/2024/25			R	
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