



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE
DURBAN REGIONAL OFFICE

REFERENCE NUMBER – DBN24/03/02

BOOK 2

VOLUME 3 OF 5 ARCHITECTURAL SPECIFICATIONS PART A

SERVICE DESCRIPTION: JUSTICE: BERGVILLE MAGISTRATE COURT: REPAIRS AND RENOVATIONS INCLUDING UPGRADE AND INSTALLATION OF BOREHOLE

SUBMITTED BY:

Company Name :

CSD / CIDB registration number:/.....

Physical Address: _____

Postal Address: _____

Contact No. _____

Email _____

CLOSING DATE: 18 APRIL 2024

TENDER BOX LOCATION: PHYSICAL ADDRESS: National Department of Public Works, 157 Monty Naicker, Durban, 4001

TENDER BOX NUMBER: DBN24/03/02

Enquiries: For technical enquiries contact Mr. Mbambiseni Vilakazi, Mobile number: 0725949868, e-mail Mbambiseni.vilakazi@dpw.gov.za and for other enquiries contact Ms. Zanele Luthuli Telephone number – 031 314 7072 e-mail zanele.luthuli@dpw.gov.za or Nobuhle Gwala 031 314 7021 e-mail Nobuhle.Gwala@dpw.gov.za or Ms. Thulisile Ndlovu Telephone number: 031-314 7061 email Thulisile.Ndhlovu@dpw.gov.za

SPECIFICATIONS

ARCHITECTURAL SPECIFICATIONS


REVISIONS

0


100-AB1-CODEBOOK ROOMS BY DEPARTMENTS (2)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date 11-Feb-21

Bartsch
BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorez.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
11-Feb-21	100-AB1-CODEBOOK ROOMS BY DEPARTMENTS	R00	WCS 036745	2	
Dept Code	Department	Design Qty	Design area total	notes	
CIR	CIRCULATION				
1 G CIR 01	WALKWAY	1	159.63		
1 G CIR 02	WALKWAY	1	24.36		
1 G CIR 02a	WALKWAY	1	6.53		
1 G CIR 03	WALKWAY	1	15.12		
1 G CIR 04	RAMP	1	103.52		
1 G CIR 05	RAMP	1	13.60		
1 G CIR 06	COVERED WALKWAY	1	99.14		
Nett Departmental Area			421.89		
total			421.89		
EA	EXISTING ABLUTION				
1 G EA 01	STORE	1	3.39		
1 G EA 02	DISABLED ABLUTION	1	5.98		
1 G EA 03	FEMALE ABLUTION	1	11.53		
1 G EA 04	MALE ABLUTION	1	7.74		
Nett Departmental Area			28.64		
total			28.64		
EG	EXISTING GARAGE				
1 G EG 01	GARAGE	1	28.91		
1 G EG 02	GARAGE	1	27.06		
1 G EG 03	GARAGE	1	28.14		
1 G EG 04	GARAGE	1	28.60		
1 G EG 05	GARAGE	1	27.91		
Nett Departmental Area			140.63		
total			140.63		
GH	GATE HOUSE				
1 G GH 01	RECEPTION	1	17.39		
1 G GH 02	SEARCH CUBICLE	1	2.92		
1 G GH 03	IT ROOM	1	5.39		
1 G GH 04	KITCHEN	1	5.68		
1 G GH 05	LOBBY	1	2.05		
1 G GH 06	WC	1	2.05		
1 G GH 07	STAFF LOCKERS	1	6.50		
1 G GH 08	VERANDAH	1	16.46		
1 G GH 09	ENTRANCE	1	5.93		
1 G GH 10	VERANDAH	1	22.79		
1 G GH 11	STAFF ENTRANCE CONTROL OFFICE	1	7.26		
Nett Departmental Area			94.42		
total			94.42		
MB	MAIN BUILDING				
1 G MB 01	LOBBY	1	2.21		
1 G MB 02	STAFF FRMALE ABLUTION	1	6.08		
1 G MB 03	STAFF MALE ABLUTION	1	6.76		
1 G MB 04	EXISTING OFFICE	1	15.70		
1 G MB 05	KITCHEN	1	8.92		
1 G MB 06	OFFICE	1	8.24		
1 G MB 07	FUTURE OFFICE	1	17.09		
1 G MB 08	FAMILY COURT OFFICE	1	17.05		
1 G MB 09	PUBLIC PROSECUTOR	1	20.74		
1 G MB 10	CONTROL OFFICER	1	18.66		
1 G MB 11	WAITING AREA	1	27.56		
1 G MB 12	RECORDS	1	16.88		

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		<div style="text-align: right; border: 1px solid black; padding: 2px;"> Bartsch BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za </div>			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
11-Feb-21	100-AB1-CODEBOOK ROOMS BY DEPARTMENTS	R00	WCS 036745	2	
1 G MB 13	OFFICE	1	16.90		
1 G MB 14	CASH HALL	1	19.18		
1 G MB 15	STRONG ROOM	1	6.47		
1 G MB 16	COURT ROOM	1	92.57		
1 G MB 17	WAITING AREA	1	45.61		
1 G MB 18	MAINTENANCE / CIVIL /SMALL CLAIMS / DIVORCES C	1	13.02		
1 G MB 19	EXISTING PASSAGE	1	7.32		
1 G MB 20	NEW PASSAGE	1	18.71		
1 G MB 21	DCS ROOM	1	11.80		
1 G MB 22	SAPS ROOM	1	11.81		
1 G MB 23	LOBBY	1	3.05		
1 G MB 24	MALE WC	1	2.76		
1 G MB 26	FEMALE WC	1	2.92		
1 G MB 27	KITCHEN	1	9.47		
1 G MB 28	CLEANER STORE	1	8.40		
1 G MB 29	PASSAGE	1	8.29		
1 G MB 30	MALE JUVENILE HOLDING CELL	1	11.90		
1 G MB 31	MALE HOLDING CELL	1	11.90		
1 G MB 32	FEMALE HOLDING CELL	1	11.90		
1 G MB 33	FEMALE JUVENILE HOLDING CELL	1	11.90		
1 G MB 34	PASSAGE	1	17.73		
1 G MB 35	SALLY PORT	1	48.82		
1 G MB 36	FIRE HOSE REEL	1	0.39		
1 G MB 37	LIBRARY	1	34.21		
1 G MB 40	CASH HALL WAITING	1	10.03		
1 G MB 41	SERVER ROOM	1	8.24		
1 G MB 42	COURTYARD 1	1	76.20		
1 G MB 43	LOBBY	1	2.77		
1 G MB 44	STAFF DISABLED TOILET	1	3.61		
1 G MB 45	LOBBY & BABY CHANGE	1	6.79		
1 G MB 46	PUBLIC MALE DISABLED WC	1	3.55		
1 G MB 47	PUBLIC FEMALE DISABLED WC	1	3.56		
1 G MB 48	OFFICE	1	12.15		
1 G MB 49	MAGISTRATE OFFICE	1	18.54		
1 G MB 50	ENSUITE TOILET	1	4.00		
1 G MB 51	LOBBY	1	2.36		
	Nett Departmental Area		744.76		
	total		744.76		
PL	PLANT ROOMS				
1 G PL 01	PUMP HOUSE	1	4.00		
	Nett Departmental Area		4.00		
	total		4.00		
Summary			Total as Designed		
CIR	CIRCULATION		421.89		
EA	EXISTING ABLUTION		28.64		
EG	EXISTING GARAGE		140.63		
GH	GATE HOUSE		94.42		
MB	MAIN BUILDING		744.76		
PL	PLANT ROOMS		4.00		
	TOTAL		1434.33		

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
16-Apr-21	100-H-External finishes	R01	WCS 036746	10	

P1	<p>Samples - With reference to all items and colour schemes: Samples off all items is to be presented for approval prior to any bulk orders. Please take note that most items will have at least six week delivery period, these approvals will only take place at dates off site meetings, the samples need to be approved well in advance to avoid any delays with lead time on orders. All samples must remain in the sample room for the duration of the contract.</p>	R00 2013/02/28
P2	<p>NOTE: As this is a existing building all finishes as indicated is only a guide line, therefore all finishes must be controlled on site to match existing buildings. Any deviations should be approved by the Architect.</p>	R00 2021-04-16
P3	<p>Samples - All samples submitted for approval, must be accompanied with the relevant Architects specifications for approval. (extract from specifications)</p>	R00 2013/02/28
P4	<p>TRADE NAMES: All materials, fittings and finishes specified may be replaced by equal and approved alternatives.</p>	R00 2013/02/28
P5	<p>ROOF INSTALLATION: Sheeting type, sheet fixing, all flashings, valley gutters etc. complete with installation of all must be certified and singed off for functionality and water tightness by sheet manufacture. No construction may commence if any part of installation is in doubt .</p>	R00 2013/02/28
P6	<p>H6. VALLEY GUTTER (GALVANISED/CHROMADEK)</p> <p>Global Roofing Solutions (011 - 898-2900) http://www.globalroofs.co.za/ 0,80mm thick Chromadek Ultim Z275 spelter ISQ550 top coat (Non standard colour to Architect's approval) and backing coat (Non standard colour to Architect's approval) galvanised steel, Girth to be designed by roofing contractor to suit pitch and annual rainfall - min 200mm wide valley gutter, seven times bent along girth, fixed in accordance with manufacturer's specifications. (If unavoidable min. 500mm overlay, complete with sealing strips). Install strictly to manufacturer's specifications.</p>	R00 2021-04-16

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h**

BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
16-Apr-21	100-H-External finishes	R01	WCS 036745	10	

H9. PRE-CAST COPING

R00
2021-04-16

Purpose made pre-cast coping to detail drawings as by WATCRETE or equal approved. Bed in 1:2 mortar with properly filled and ruled joints. All to Architect's approval. Plaster and Paint to match wall.

H10. FIBRE CEMENT FASCIA BOARD (225 High)

R00
2021-04-16

Everite Nutec (011- 9038049) fascia boards size 15mm thick or (10mm thick for curved applications only) x 225mm high with high density plain finish, butt jointed with fascia jointing plate. Install to mild steel trusses with corrosion proof gutter bolts at max 1000mm c/c – all according to details drawing. All to Architect's approval.

SURFACE PREPARATION:

Joints to be taped and finished as per manufacturer's instructions complete with SABISA certificate
 Ensure surfaces are dry, sound and free from surface contaminants, e.g. loose particles, dust, oil, etc.
 • Soft undercured surfaces may be restored to a sound surface with Plascon Bonding Liquid (CVI 14) thinned 20% by volume with Mineral Turpentine (AZH 1). Allow 16 hours to dry, but not more than 48 hours, before painting.
 • Make good defects using Plascon Polycell Polyfilla Interior (10 10 02) or Plascon Polycell Polyfilla Fine Crack Filler (10 18 01). Allow at least 30 minutes to dry and sand smooth with 220 grit paper and dust off.

APPLICATION:

Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
 Apply one coat PLASCON Wall & All Pure Acrylic paint, thinned 20%, one coat PLASCON Wall & All Pure Acrylic paint to new fibre cement ceilings and cornices. Colour and type to Architect's approval.

H11. FIBRE CEMENT BARGE BOARD (225 High)

R00
2021-04-16

Everite Nutec (011- 9038049) barge boards size 15mm thick or (10mm thick for curved applications only) x 225mm high with high density plain finish, butt jointed with fascia jointing plate. Install to mild steel purlins ends with corrosion proof gutter bolts – all according to details drawing. All to Architect's approval.

SURFACE PREPARATION:

Joints to be taped and finished as per manufacturer's instructions complete with SABISA certificate
 Ensure surfaces are dry, sound and free from surface contaminants, e.g. loose particles, dust, oil, etc.
 • Soft undercured surfaces may be restored to a sound surface with Plascon Bonding Liquid (CVI 14) thinned 20% by volume with Mineral Turpentine (AZH 1). Allow 16 hours to dry, but not more than 48 hours, before painting.
 • Make good defects using Plascon Polycell Polyfilla Interior (10 10 02) or Plascon Polycell Polyfilla Fine Crack Filler (10 18 01). Allow at least 30 minutes to dry and sand smooth with 220 grit paper and dust off.

APPLICATION:

Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
 Apply one coat PLASCON Wall & All Pure Acrylic paint, thinned 20%, one coat PLASCON Wall & All Pure Acrylic paint to new fibre cement ceilings and cornices. Colour and type to Architect's approval.

H12. ALUMINIUM GUTTERS (150 x 100 x 0,8mm)

R00
2021-04-16

Mr. Gutter (011 - 794-8664) Ogee profile pre-coated Aluminium / colorbond seamless gutter, size 150 x 100 x 0,8mm thick in colour including matching rivet-fixed mitres and end caps internally sealed using Silicon Mastic, hung by bolt fixed external aluminium hangers at 600mm centres with rectangular fluted downpipes, size 100 x 75 x 0,6mm thick in colour fixed to walls with pre-painted downpipe cleats using nail-in anchor fixings. Install strictly to manufacturer's specifications. Colours (Non standard) to Architect's approval.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**Bartsch****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
16-Apr-21	100-H-External finishes	R01	WCS 036745	10	

H16. STANDARD PRE-CAST LINTELR00
2013/03/01

Standard pre-cast lintel length to suit window X 110 X 75mm thick, complete with brick force above for five courses exceeding the 45-degree line.

H17. FACE BRICK IN STRETCHER BOND (RECESS JOINTS)R00
2021-04-16

Corobrik (031 560 3111) (<http://www.corobrik.co.za>)


Face bricks are to be Imperial FBX 222 x 106 x 73mm face bricks in stretcher bond with or with out cavity as shown on plan with well raked and smoothed square joints (85mm gauge) Colour and type to ARCHITECTS approval.

H22. WINDOW FRAMER00
2013/02/28

Window/Shopfront frame complete with furniture and burglar bars according to window schedule as shown on plan. Installed strictly to manufacturers specifications

H23. DOOR AND FRAMER00
2013/02/28

Door and frame as shown on plan. Installed strictly to manufacturers specifications

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za			
		Print Date :	Drawing Description:	Rev. nr. :	Job nr. :
16-Apr-21	100-H-External finishes	R01	WCS 036745	10	

- H24. CEILING** R00
2013/02/28
Ceiling type, finish and installation height according to ceiling plan.
- H25. REINFORCED CONCRETE (STRUCTURAL)** R00
2013/02/28
Reinforced concrete slab/beam according to Structural Engineer's detail design.
- H26. FLOOR SLAB** R00
2013/02/28
Floor finish (floor finish specified elsewhere) on well prepared 30mm thick screed on concrete surface bed (note: Internal FFL on all floor to be at one level unless otherwise indicated) – all according to Structural Engineer's detail drawings
- H27. INTERNAL WALLS** R00
2021-04-16
Finish as per finishing schedule.
- H30. GRANO (WOOD FLOAT)** R00
2021-04-16
32mm Thick Untinted granolithic finished cement screed with or without falls on concrete surface bed with a wood float finish - all according to Structural Engineer's detail drawings.
- H31. GRANO SKIRTING** R00
2021-04-16
75mm High coved untinted granolithic finished cement screed skirting (75mm high).
- H40. - WOODEN TRUSS/BEAM (NEW)** R00
2021-04-16
Purpose made patented wooden roof trusses/beams complete with purlins (All Roof timber to comply with relevant SABS 563, SABS 653, SABS 876, SABS 1089, or SABS 1245) on 114 x 38 wall plate fixed to all with galvanized build in anchors, bricked into wall for at least 5 courses. All installed strictly to manufacturer's details and specifications. Rafter in brickwork (beam fill) to be wrap with 250micron dpc to allow for thermal movement and prevent plaster bonding. All exposed trusses and purlins to be treated with a high quality wood preservative. Colour and type to Architects approval .
- H41. MASS CONCRETE FOUNDATION** R00
2013/02/28
Mass concrete foundations – all according to Structural Engineer's detail drawings.
- H48. BRUSHED SCREED** R00
2013/02/28
Untinted Brush Finished cement screed with or without falls on concrete surface bed – all according to Structural Engineer's detail drawings.

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
16-Apr-21	100-H-External finishes	R01	WCS 036746	10	

H51. EXTERNAL PLASTER AND PAINT FINISH (SMOOTH - Plascon)

R00
2021-04-16

Plaster mix for rough brick walls in one operation, composed of 1-part Surebuild cement (Code: CEM II/B 32.5R) and 6 parts sand & One bag of CHRYSO®Fibrin XT fibres (+27(0)11 395 9700) (600 g) per m³ of concrete, ±12mm thick finished with a steel trowel to receive a wall finish as specified elsewhere or wood float to receive tiles to rough brick walls. . Cement is to be manufactured in accordance with SANS 50197-1, SANS 2001-EM1:2007 and Successful Plastering from the Concrete institute.

NOTE :

- a) Where applicable, all expansion joints in wall to be filled with polysulphide and covered with a 100mm x 3mm thick natural aluminium strip. Plug and screw (counter sunk screws at maximum 150mm c/c) to one side of joint.
- b) The mixing of fibres at a concrete batching plant is the preferred method due to quality control. However, fibres can be added on site when there is no other option. The water soluble bags must be added to the mixer first, before anything else. This will help to ensure that the fibres are properly dispersed within the concrete. If added last, some fibres may float on the surface and will require extra mix time. Add the water soluble bags to the back of the mixer unit
 Vigorously mix the concrete in the mixer unit for a period of 5 minutes or 70 revolutions (whichever is greatest) at full speed to ensure the uniform dispersion of fibres.
 Reverse the mixer drum to ensure that the fibres are properly dispersed.
 If not, remix the concrete until the full dispersion of the fibres has been achieved.
- c) Applying the plaster when sequencing building activities, it is highly recommended that the roof is clad before plastering starts. Never work in direct sun. Plastering should be protected from the sun and drying winds. If it is necessary to plaster walls exposed to the sun, especially in hot or windy conditions, then special precautions may be needed to protect the plaster on the wall from sun and wind to reduce the risk of cracks in the plaster.

APPLICATION:

- Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
 Please note: When YELLOW top coats are selected for New Work Application it is imperative to use Plascon Professional Plaster Primer - PP950 (Alkali Burn Resistance Primer) in place of (PP700) plaster primers as pH levels may be exceptionally high on new or hairline cracked plaster.
- Apply TERRACO EZ Skim (TER 1200) to achieve a continuous film. Allow 2 hours to dry.
 Apply two full coats of Plascon Wall & All (WAA) to achieve complete obliteration, allowing 2 hours drying between coats.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		B a r t s c h			
		BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
16-Apr-21	100-H-External finishes	R01	WCS 036745	10	

H56. FULLY BONDED PAINT ON WATERPROOFING TO SLAB

R00
2021-04-16

SCREED-TO-FALL : Prepare concrete slab by removing all loose material and laitance by means of scarifying or vacublasting. Apply a mixture of plasterkey (Prostruct 610/601) and Portland cement slurry to prepared surfaces. While still wet, install new screed with falls to stormwater outlets – all to engineer’s detail drawings. (Internal corners shall be covered to 50mm radius and external corners to 25mm) All exposed brickwork, where the waterproofing membrane is to be terminated, must be plastered to a smooth, true surface. All to comply to manufacturers minimum specifications and approved by a approved applicator.

Substrate Preparation :

Proper preparation is critical to ensure an adequate bond. The substrate must be dry and free of all wax, grease, oils, fats, soil, curing compound, loose and foreign materials and laitance. Laitance and unbounded cement particles must be removed by Vacublasting. At time of preparation and installation of the Vulkem system the to concrete or Concrete Topping to falls, to be no less than 28 days old with a minimum compressive strength of 25 - 30 MPa and a moisture content not exceeding 4%.

Priming & Waterproofing:

Apply one coat of Vulkem 171 at 10m²/litre and allow to cure. On to the well primed surface, apply one coat of Vulkem 350NF at 1m²/litre. Cure Vulkem 350 to firm rubber, before applying Vulkem 351 UV resistant topcoat at 2.5m²/litre. Should a non-slip finish be required, then silica sand can be broadcasted into the wet topcoat, and back-rolled to evenly distribute the aggregate.

Finishing and Broadcast Aggregate:

Apply one coat of Vulkem 951NF at 4 sqm / litre and broadcast Pro-Struct No. 1 Coarse Aggregate into the wet film at 0.6 kg / sqm back rolled to evenly distribute the aggregate and allow curing.

Notes:

1. Please note that this system is fully bonded and will accommodate maintenance and pedestrian traffic. This brief description is to be read in conjunction with the full procedure and installation method as supplied by Tremco Illbruck. For recommendations or additional information regarding any of the above please contact StonCor Africa (Jonathan Starmer) on 011 254-5500.
2. This specification must be read in conjunction with all detail drawings for expansion joints, flashings etc. - All to be certified, including guarantee by manufacturer.

H83. CLAY PAVERS (ON SAND)

R00
2021-04-16

Corobrik (031 560 3111) (<http://www.corobrik.co.za>)

Paver PB clay paving brick, size 200 x 98,5 x 50mm thick laid in Herringbone Bond pattern with a minimum longitudinal fall of 1% on a transverse fall of at least 2% on 25mm compacted sand bed with fine jointing sand swept and vibrated into joints, all laid on subgrade conforming to SANS 1200 D Degree Of Accuracy I. Paving to be inspected and re-sanded after three months. All by Civil Engineer. Colour and Patterns to Architects approval.

H89. MILDSTEEL COLUMNS (PAINT)

R00
2021-04-16

Mild steel columns complete with fixing brackets, all to structural engineers detail drawings.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		Bartsch			
		BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
16-Apr-21	100-H-External finishes	R01	WCS 036746	10	

SURFACE PREPARATION:

- Rust Free

Surfaces must be clean, dry and rust free. Remove surface contaminants using Plascon Metalcare Aquasolv Degreaser (GR1), scrubbing with bristle brush or broom, or using Scotch Brite pads. Rinse thoroughly with tap water while brushing or hydroblast to remove all traces of Plascon Metalcare Aquasolv Degreaser (GR1) to achieve a water break-free surface. Dry surface rapidly to prevent flash rust formation. Cleaned surface must be painted within 4 hours.

- Rusted

After degreasing sand off rust with coarse emery paper or wire brush to ISO 8501 - 01 : 1988 – St 3 to attain a bright metal finish. Remove dust.

- Millscale & Rust

Alternatively, remove millscale and rust by abrasive blast cleaning to ISO 8501 - 01 : 1988 – Sa 2½. Remove dust by vacuum cleaning. Paint within 4 hours.

APPLICATION:

- Apply one coat of Plascon Plascoprime 170 Zinc Phosphate Primer (UC170) to achieve a continuous film. Allow 16 hours to dry.
- Apply two full coats of Plascon Wall & All (WAA) to achieve complete obliteration, allowing 2 hours drying between coats, for a maintenance cycle of 7 years in a C3 - industrial environment. Colour to Architects' approval.

H103. SHEET METAL ROOF COVERING (To match existing)

R00
2021-04-16

Sheet metal roof covering complete with Ridge / Hip ridge flashings manufactured by Global Roofing Solutions upon special request – all to match existing

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
16-Apr-21	100-H-External finishes	R01	WCS 036745	10

H136. PRE-CAST CILL(TYPE P)

R00
2013/03/01

Standard pre-cast cill (TYPE P) as by WATSON or equal approved. Bed in 1:2 mortar with properly filled and ruled joints. All to Architect's approval.

H159. SERVICE EXISTING PIERCED FIX ROOF

R00
2021-04-16

Service existing roof, remove and secure all loose roof fasteners and replace with patented 8/10mm coach screws or hook bolts with bonded washers (replace damaged roof sheeting ,purlins and flashings. Trusses to be inspected and broken or unsound members must be replaced) all to ensure an weather and water tight structure. (replaced sheets and flashing to match existing) Prepare existing roof for paint specified elsewhere.

Apply Plascon Galvanised Iron Cleaner (GIC 1) to all bare galvanised areas by brush, broom or spray. Allow to react for 1 minute. Rinse off with tap water using bristle brooms or brushes or Scotch Brite pads to remove all surface contaminants. Check if surface is water break-free. If not, repeat process. Allow to dry completely.

Then mechanically wire brush or hand sand rust areas to bright metal. Remove dust. Ensure surfaces are clean, dry and sound. Apply Plascon Galvanised Iron Primer (GIP 1) to bare and repaired areas. Allow 16 hours to dry. Finish with two coats Nuroof Cool Acrylic Roof Paint (TRP) with 1 hour drying time between coats, for a maintenance cycle of 7 years in a C1 - inland environment.

H165. EXISTING PAINTED SHEET METAL ROOF SERVICE AND REPAIR

R00
2021-04-16

Service and Prepare existing roof, ensure surfaces are clean, dry and sound. Surface to be assessed and the appropriate surface preparation clauses selected for remedial procedure. Apply Plascon Galvanized Iron Cleaner (GIC 1) to all bare galvanized areas by brush, broom or spray. Allow to react for 1 minute. Rinse off with tap water using bristle brooms or brushes or Scotch Brite pads to remove all surface contaminants. Check if surface is water break-free. If not, repeat process. Allow to dry completely. Then mechanically wire brush or hand sand rust areas to bright metal. Remove dust.

Prime with one coat Metalcare Galvanised Iron Primer (GIP1) with an over coating time of 24 hours.

Finish with two coats Nuroof Cool Acrylic Roof Paint (TRP) with 2 hours drying time between coats, for a maintenance cycle of 7 years in a C1 - inland environment. Colour to architects approval.

- Environment : C1 - inland
- Topcoat : Nuroof Cool Acrylic Roof Paint
- Number of coats of topcoat : two coats
- Overcoating time for topcoat : 2.00 hour
- Primer/Base coat : Metalcare Galvanised Iron Primer
- Overcoating time for primer/base coat : 4.00 hour
- Specification document : PR429

H168. 0,58mm 762mm CORRUGATED IRON SHEET METAL ROOF COVERING FIXED TO STEEL OR TIMBER PURLINS WITH CHROMADEK COATING. (GALVANISED/CHROMADEK)

R00
2021-04-16

B E R G V I L L E J U S T I C E - C O M P L E T E U P G R A D I N G I N C L U D I N G R & R				B a r t s c h BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za	
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
16-Apr-21	100-H-External finishes	R01	WCS 036745	10	

Global Roofing Solutions (011 - 898-2900) <http://www.globalroofs.co.za/>
 0,58mm thick 762mm cover Corrugated profile Chromadek Ultim Z275 spelter ISQ550 top coat (Non-standard colour to Architect's approval) and backing coat (Non-standard colour to Architect's approval) galvanised steel roof sheeting, fixed to steel intermediate purlins at 1100mm centres and eaves and ridge purlins at 900mm centres using Hex Flange Head + EPDM Seal self drilling No. 3 drill point, No. 12-14 x 53mm long fasteners. Purlin fixed to first, fourth and eighth crest of each sheet and at all crests at sheet ends or fixed to timber intermediate purlins at 1100mm centres and eaves and ridge purlins at 900mm centres using Hex Flange Head + EPDM Seal self drilling Type 17 drill point, No. 12-11 x 65mm long fasteners. Purlin fixed to first, fourth and eighth crest of each sheet and at all crests at sheet ends, all in accordance with the manufacturer's specifications.

Finish with Chromadek® to both sides on covered walkways or when exposed to bottom. Colours (Non standard) to Architect's approval.

H169. BARGE FLASHING (CORRUGATED IRON GALVANISED/CHROMADEK)

R00
2021-04-16

0,80mm thick Barge flashing Chromadek Ultim Z275 spelter ISQ550 462mm girth, three times bent along girth and notched on site to suit roof profile. Complete with metal and poly closer without any joints (If unavoidable min. 500mm overlay, complete with sealing strips). Secured with hex head self drilling tek screws (with bonded washers) to purlins, all in accordance with the manufacturer's recommendations. Finish with Chromadek® to both sides on covered walkways or when exposed to bottom. Colours (Non-standard) to Architect's approval.

H170. RIDGE CAPPING (CORRUGATED IRON GALVANISED/CHROMADEK)

R00
2021-04-16

Global Roofing Solutions (011 - 898-2900) <http://www.globalroofs.co.za/>
 0,80mm thick Ridge Capping, Chromadek Ultim Z275 spelter ISQ550 462mm girth, three times bent along girth and notched on site to suit roof profile. Complete with metal and poly closer without any joints (If unavoidable min. 500mm overlay, complete with sealing strips). Secured with hex head self drilling tek screws (with bonded washers) to purlins, all in accordance with the manufacturer's recommendations. Finish with Chromadek® to both sides on covered walkways or when exposed to bottom. Colours (Non-standard) to Architect's approval.

H171. HEAD WALL FLASHING (CORRUGATED IRON GALVANISED/CHROMADEK)

R00
2021-04-16

Global Roofing Solutions (011 - 898-2900) <http://www.globalroofs.co.za/>
 0,80mm thick Headwall flashing, Chromadek Ultim Z275 spelter ISQ550 308mm girth, two times bent along girth and notched on site to suit roof profile. Complete with metal and poly closer without any joints (If unavoidable min. 500mm overlay, complete with sealing strips). Secured with hex head self drilling tek screws (with bonded washers) to purlins, all in accordance with the manufacturer's recommendations. Finish with Chromadek® to both sides on covered walkways or when exposed to bottom. Colours (Non-standard) to Architect's approval.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
16-Apr-21	100-H-External finishes	R01	WCS 036745	10

H236. CLAY PAVERS (Edge Beam)R00
2021-04-16Corobrik (031 560 3111) (<http://www.corobrik.co.za>)

Paver PB clay paving brick, size 200 x 98,5 x 50mm thick laid in a pattern to detail drawing with a minimum longitudinal fall of 1% on a transverse fall of at least 2% on 25mm thick 1:4 cement mortar bedding layer bed with fine jointing sand swept and vibrated into joints, all laid on subgrade conforming to SANS 1200 D Degree Of Accuracy I. Paving to be inspected and re-sanded after three months. All by Civil Engineer. Colour and Patterns to Architects approval.

H255. REPAIR EXISTING CONCRETE APRON/PAVINGR00
2021-04-16

Existing concrete apron/paving - remove and replace cracked sections with a smooth or wood float finish to match existing and or replace missing bricks to match existing, remove weed from joints, treat with weed killer and seal all joints with a approved soft sealant. All to ARCHITECTS approval.

H256. EXISTING FACE BRICK WORKR00
2013/02/28

Existing face brick work, check and service joints if required and clean to ensure an uniform clean surface - all to match existing.

H257. EXISTING PAINTED PLASTERED WALL (SMOOTH - Plascon)R00
2021-04-16

Hack open all plaster in damp and cracked areas well beyond point where damp and cracks occur, re-plaster to a smooth, uniform surface.

Remove loose and peeling paint back to a firm edge by scraping, sanding or other suitable means. Feather the edges with 100 grit sandpaper and ensure surface is dust free. Surface to be dry, sound and clean and cured for a minimum of 14 days, with a moisture content measured with a Doser Hygrometer (or equivalent), of BD 2 scale - 8% or less. Prime with one coat Plascon Plaster Primer (UC 56) with an over coating time of 16 hours and finish with two coats Wall & All (WAA) with 2 hours drying time between coats, for a maintenance cycle of 6 years in a C3 - industrial environment.

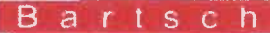









REVISIONS

















0











100-J-Ironmongery Schedule (7)


















STATUS	SKETCH PLANS	PROJECT DATE			
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745			
		REV NO:	R00	Date	5-May-20


















Bartsch
BARTSCH CONSULT (PTY) LTD
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorel.co.za









BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9890 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@donea.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-J-Ironmongery Schedule	R00	WCS 036745	7
CODE	PRODUCT			
P1	Ironmongery supplied by: Assa Abloy (SA) (Pty) Ltd Tel. (011) 761 6000 - Johannesburg (Head Office) Tel. (021) 631 0770 - Cape Town Tel. (031) 312 6161 - Durban Tel. (041) 364 1666/1431 - Port Elizabeth			R00 2020/05/04
	IRONMONGERY FOR TYPE: 02 - Wooden Store/Clean Utility Self Locking SD.			R00 2020/05/04
JH-BB-STD-2-SS BB	Butt Hinge EN1935:2002 Class 13. 102 x 76mm Ball Bearing Hinge to EN1935:2002.			QTY: 2 UNIT: Each 
DC700	Assa Abloy Cam Motion Door Closer ENS-6.			QTY: 1 UNIT: Each 
L-2349-78SS	Anti Thrust Night Latch W/O Cyl. 129 x 78mm Commercial Grade Emergency Exit Latch Lock Tested to BS-EN12209-2003 , Documentation on Request.			QTY: 1 UNIT: Each 
CY110GMET3333SN	Assa Abloy 65mm Knob Turn Patented Commercial Use Double Turn Knob Cylinder to BSEN Current Certificate on Request.			QTY: 1 UNIT: Each 
SS5DBT0694x316	S/S Pull Handle 25mmØ x 250mm ctc on 94 x 315mm S/S Back Plate.			QTY: 2 UNIT: Each 
SS5305-06SS	Escutcheon Profile.			QTY: 2 UNIT: Each 
99011SS	27mm Wall Door Stop. (Subject to site conditions).			QTY: 1 UNIT: Each 
99022SS	82mm Wall Projection Door Stop. (Subject to site conditions).			QTY: 1 UNIT: Each 
RH7024 Art 600b30	Patent Screws & Nuts.			QTY: 6 UNIT: Each 

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230644 E MAIL: bartsch@doree.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-J-Ironmongery Schedule	R00	WCS 036745	7
CODE	PRODUCT			
	IRONMONGERY FOR TYPE: 04 - Wooden Office SD.	R00		2020/05/04
JH-BB-STD-2-SS BB	Butt Hinge EN1935:2002 Class 13, 102 x 76mm Ball Bearing Hinge to EN1935:2002.	QTY: 2		UNIT: Each
L-2216-78SS/SL	Union Euro Cyl Lock No Cyl. 108 x 79mm Commercial Grade Lockcase with Drawback Latch and Silent Latch Feature.	QTY: 1		UNIT: Set
CY110GMED3333SN	Assa Abloy 65mm Patented Double Cylinder GMK Commercial Use Double Cylinder to BSEN... Current Certificate on Request.	QTY: 1		UNIT: Each
SS6D67-06SS	Dove Lever Handle on 152mm x 178mm Backplate- Profile. As per Assa Abloy Architect Approved Sample.	QTY: 1		UNIT: Each
SS8026SS	Hat and Coat Hook With Buffer. (Exclude from set subject to site inspection.)	QTY: 1		UNIT: Each
RH7024 Art 500b30	Patent Screws & Nuts.	QTY: 4		UNIT: Each
99011SS	27mm Wall Door Stop. (Subject to site conditions).	QTY: 1		UNIT: Pair
99022SS	82mm Wall Projection Door Stop. (Subject to site conditions).	QTY: 1		UNIT: Pair
	IRONMONGERY FOR TYPE: 06 - Wooden WC/Shower Cubicle SD.	R00		2020/05/04
X-SS194RS-3-SS 2BB	Rising Butt Hinge, Handed. EN1935.	QTY: 2		UNIT: Each
21314-76/8SS	Union W/C 8mm Deadlock SS.	QTY: 1		UNIT: Each
SS6D67TR/TL-5004SS	Union Dove Pull Handle on 152mm x 178mm Backplate +W/C Indicator Incl (To be Handed RH/LH)	QTY: 2		UNIT: Each
SS8026SS	Hat and Coat Hook With Buffer. (Exclude from set subject to site inspection.)	QTY: 1		UNIT: Each
RH7024 Art 500b30	Patent Screws & Nuts.	QTY: 1		UNIT: Set
99011SS	27mm Wall Door Stop. (Subject to site conditions.)	QTY: 1		UNIT: Pair
99022SS	82mm Wall Projection Door Stop. (Subject to site conditions.)	QTY: 1		UNIT: Pair

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		Bartsch BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9680 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za		
Print Date : 05-May-20	Drawing Description: 100-J-Ironmongery Schedule	Rev. nr. : R00	Job nr. : WCS 036745	Pages : 7
CODE	PRODUCT			
	IRONMONGERY FOR TYPE: 07 - Entr. Ablutions/Sluice/Ward Kitchen SD.			R00 2020/05/04
JH-BB-STD-2-SS BB	Butt Hinge EN1935:2002 Class 13. 102 x 76mm Ball Bearing Hinge to EN1935:2002.		QTY: 2	 UNIT: Each
DC700	Assa Abloy Cam Motion Door Closer EN3-6.		QTY: 1	 UNIT: Each
L-2109-78SS	Union Euro Cyl DeadLock Case SS. 108 x 78mm Commercial Grade Lockcase, Powder Coated, Brass Component Tested to BS-EN12209-2003, Documentation on request SABS Certified, Current Certification on Request.		QTY: 1	 UNIT: Set
CY110GMED3333SN	Assa Abloy 65mm Patented Double Cylinder GMK Commercial Use Double Cylinder to BSEN... Current Certificate on Request.		QTY: 1	 UNIT: Each
SS5DBT0694x316	S/S Pull Handle 25mmØ x 250mm ctc on 94 x 315mm S/S Back Plate.		QTY: 2	 UNIT: Each
SS5305-05SS	Escutcheon Profile.		QTY: 2	 UNIT: Each
99011SS	27mm Wall Door Stop. (Subject to site conditions).		QTY: 1	 UNIT: Each
99022SS	82mm Wall Projection Door Stop. (Subject to site conditions).		QTY: 1	 UNIT: Each
RH7024 Art 500b30	Patent Screws & Nuts.		QTY: 6	 UNIT: Each
	IRONMONGERY FOR TYPE: 08 - Factory Fitted Lock Sets.			R00 2020/05/04
	Ironmongery by Door Manufacturer.		QTY: 1	 UNIT: Each IRONMONGERY BY DOOR MANUFACTURER

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		Bartsch BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorco.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-J-Ironmongery Schedule	R00	WCS 036745	7
CODE	PRODUCT			
	IRONMONGERY FOR TYPE: 14 - Aluminium SD.			R00 2020/05/04
774	Transom Closer 2-5 Hold Open. Transom Recessed Door Control ,90Deg Hold Open 120Deg Opening Angle Adjustable Power EN 2-5 ,2 Speed Control Valve , Tested to BS EN 1154-1997 ,500 000 Test Cycle Tested Certification onrequest to Verify 6 digit Classification Grades Includes: Bottom Pivot and Top Strap.Only use Top Strap.	QTY: 1		UNIT: Each
7476AX	Dorma Floor Pivot Bearing with Angular Contact Roller Bearing. Load Capacity max. 300kg.	QTY: 1		UNIT: Each
7422	Dorma Bottom Strap for Aluminium Doors.	QTY: 1		UNIT: Each
QD35x85MM-SS	Union 35mm Dead Lock Profile Cylinder type.	QTY: 1		UNIT: Each
CY110GMED3333SN	Assa Abloy 65mm Patented Double Cylinder GMK Commercial Use Double Cylinder to BSEN... Current Certificate on Request.	QTY: 1		UNIT: Each
6213BBSS	Union 350mm Stainless BTB Fixed D Shaped Pull Handle.	QTY: 1		UNIT: Each
PZ-05	Union Narrow Stile Escutcheon for Aluminium Doors.	QTY: 2		UNIT: Each
99011SS	27mm Wall Door Stop. (Subject to site conditions).	QTY: 1		UNIT: Pair
99022SS	82mm Wall Projection Door Stop. (Subject to site conditions).	QTY: 1		UNIT: Pair
	Note : Recessed Transom Door Closer. Service Existing Transom Door Closer in existing Door Frames. If not servicable replace Closer and Door Frame.	QTY: 0		UNIT: Each
	IRONMONGERY FOR TYPE: 19 - Mild Steel Plant Room DD.			R00 2020/05/04
JH-BB-STD-2-SS BB	Butt Hinge EN1935:2002 Class 13. 102 x 76mm Ball Bearing Hinge to EN1935:2002.	QTY: 4		UNIT: Each
403150HN	Mortice Deadlock W/O Cyl. 79 x 96mm Commercial Grade Lockcase to BS-EN12209.	QTY: 1		UNIT: Each
CY110GMED3333SN	Assa Abloy 65mm Patented Double Cylinder GMK Commercial Use Double Cylinder to BSEN... Current Certificate on Request.	QTY: 1		UNIT: Each
SS6616-150BTSS	150mm Dove Pull Handles Bolt Through.	QTY: 2		UNIT: Each
SS6305-06SS	Escutcheon Profile.	QTY: 2		UNIT: Each
H108SC	200mm Heavy Duty Necked Barrel Bolts.	QTY: 2		UNIT: Each
B3440SC	Heavy Duty Spring Door Holder.	QTY: 2		UNIT: Each

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		Bartsch BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorez.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-J-Ironmongery Schedule	R00	WCS 036745	7
CODE	PRODUCT			
IRONMONGERY FOR TYPE: 23 - Wooden Fire/Electrical Duct DD/SS.		R00		
		2020/05/04		
JH-BB-STD-2-SS BB	Butt Hinge EN1935:2002 Class 13. 102 x 76mm Ball Bearing Hinge to EN1935:2002.	QTY. 4		UNIT: Each
SS6D02SS	Dove Pull Handle on 192x45mm Backplate.	QTY. 2		UNIT: Each
ARC1182SS	Adjustable Roller Catch.	QTY. 1		UNIT: Each
99011SS	27mm Wall Door Stop. (Subject to site conditions).	QTY. 1		UNIT: Pair
99022SS	82mm Wall Projection Door Stop. (Subject to site conditions).	QTY. 1		UNIT: Pair
IRONMONGERY FOR TYPE: 28 - Wooden SD/SS External.		R00		
		2020/05/04		
JH-BB-STD-2-SS BB	Butt Hinge EN1935:2002 Class 13. 102 x 76mm Ball Bearing Hinge to EN1935:2002.	QTY. 2		UNIT: Each
CY110GMED3333SN	Assa Abloy 65mm Patented Double Cylinder GMK Commercial Use Double Cylinder to BSEN... Current Certificate on Request.	QTY. 1		UNIT: Each
L-2216-78SS/SL	Union Euro Cyl Lock No Cyl. 108 x 78mm Commercial Grade Lockcase with Drawback Latch and Silent Latch Feature.	QTY. 1		UNIT: Each
SS6D67-06SS	Dove Lever Handle On 152 x 178mm Backplate- Profile. As per Assa Abloy Architect Approved Sample.	QTY. 1		UNIT: Each
RH7024 Art 600b30	Patent Screws & Nuts.	QTY. 4		UNIT: Each
B3440SC	Heavy Duty Spring Door Holder.	QTY. 1		UNIT: Each
IRONMONGERY FOR TYPE: 34 - Wooden Access Controlled Door SD (Steel Door Frame).		R00		
		2020/05/04		
JH-BB-STD-2-SS BB	Butt Hinge EN1935:2002 Class 13. 102 x 76mm Ball Bearing Hinge to EN1935:2002.	QTY. 2		UNIT: Each
DC700	Assa Abloy Cam Motion Door Closer EN3-6.	QTY. 1		UNIT: Each
	Lock and Cylinder as specified by Security Specialist	QTY. 1		UNIT: Each
SS6213BBSS	Union 350mm Stainless Steel Back to Back "D" Shaped Pull Handles.	QTY. 1		UNIT: Each
87001SS	Floor Door Stop Satin SS. (Exclude from set subject to site inspection.)	QTY. 1		UNIT: Each
IRONMONGERY FOR TYPE: 38 - Access Controlled Gates / Roller Shutter.		R00		
		2020/05/04		
	Gate / Roller Shutter Closer as by Security Specialist.	QTY. 1		UNIT: Each

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		Bartsch BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E MAIL: bartsch@doree.co.za		
Print Date : 05-May-20	Drawing Description: 100-J-Ironmongery Schedule	Rev. nr. : R00	Job nr. : WCS 036745	Pages : 7
CODE	PRODUCT			
	IRONMONGERY FOR TYPE: 49 - Service / Replace Lockset.	R00 2020/05/04		
	Service / Replace Existing Lockset.	QTY: 1		UNIT: Each
	IRONMONGERY FOR TYPE 77 : Aluminium Hinged External SD (Explorer),	R00 2020/05/04		
	HBS Aluminium Systems HEX 100 Standard Hinge.	QTY: 2		UNIT: Each
QR35X85MM-SS	Union 35mm Deadlock/Roller Catch Profile Cylinder Type.	QTY: 1		UNIT: Each
CY110GMED3333SN	Assa Abloy 65mm Patented Double Cylinder GMK Commercial Use Double Cylinder to BSEN... Current Certificate on Request.	QTY: 1		UNIT: Each
PZ-05	Union Narrow Stile Escutcheon for Aluminium Doors.	QTY: 2		UNIT: Each
SS5213BBSS	Union 350mm Stainless Steel "D"-Shaped Pull Handle.	QTY: 2		UNIT: Each
99011SS	27mm Wall Door Stop. (Subject to site conditions.)	QTY: 1		UNIT: Pair
99022SS	82mm Wall Projection Door Stop. (Subject to site conditions.)	QTY: 1		UNIT: Pair

REVISIONS


0

100-M-JOINERY SCHEDULE (10)


STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date 5-May-20

Bartsch


BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@doreea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL (058) 6223471 FAX: (058) 6230844 E-MAIL bartsch@doree.co.za		
Print Date : 05-May-20	Drawing Description: 100-M-JOINERY SCHEDULE	Rev. nr. : R00	Job nr. : WCS 036745	Pages : 10


- P1** **THIS DOCUMENT MUST BE READ IN CONJUNCTION WITH DRAWINGS IN THE 45 RANGE.** R00
2020/05/04
- P2** **Max on Top PRODUCT STANDARDS** R00
2020/05/04
- 1: Max on Top® High Pressure Laminates (HPL) according to ON EN 438 Type HGS.
 - 2: Max on Top® High Pressure Laminates (HPL) SolidCore according to ON EN 438 Type HGS.
 - 3: MELAWOOD MFB (Melamine Faced Board) in accordance with SANS 1763:1998.
 - 4: BISONLAM MFB (Melamine Faced Board) in accordance with SANS 1763:1998.
 - 5: SUPALAM MFB (Melamine Faced Board) in accordance with SANS 1763:1998.
 - 6: BISONBORD Particleboard in accordance with SANS EN 312-3:1996.
 - 7: BISONBORD V 313 (High Moisture Resistant) Particleboard in accordance with SANS EN 312-5:1997.
 - 8: SUPAWOOD MDF (Medium Density Fibreboard) in accordance with SANS 540-1:1991.
 - 9: Door / drawer postformed 90 degree profile on two long edges and finished in a minimum 2mm thick PVC edging (colour as per Colour Schedule) on two short edges.
 - 10: Max on Top 32mm thick post formed worktop with 180° profile on 1 long edge, consisting of a high pressure laminate bonded to a particleboard substrate with brown melamine backer on one side, constructed in accordance with the drawings.
- P3** **Max on Top PRODUCT TYPES** R00
2020/05/04
- A - Horizontal General Purpose / Standard - HG/S
 - B - Horizontal General Purpose / Postform - HG/P
 - C - Vertical General Purpose / Standard - VG/S
 - D - Vertical General Purpose / Postform - VG/P
 - E - Cabinet Liner - CL
 - F - Brown Backer - BK
- P4** **1: NATURE OF FURNITURE** R00
2020/05/04
- Covers fixed furniture, cabinets, cupboards, kitchen cupboards, storage cupboards, pigeon hole cupboards, worktops, vanity tops, workstations, counters, etc.
- P5** **2: GENERAL FURNITURE CONSTRUCTION** R00
2020/05/04
- Construction is based around modular component design (unless otherwise specified) utilizing component fittings, fastening, fitments and connectors for the purpose of prefabrication and ready for site assembly. All Joinery work to be fixed (built-in) unless otherwise specified.
- P6** **3: GENERAL CARCASS MATERIAL SPECIFICATION** R00
2020/05/04
- Unless otherwise specified, carcass construction of furniture components to be from:
 Surface: Melawood Melamine Faced Board (MFB) SANS 1763:1998.
 Substrate: Bisonbord V313 Moisture Resistant Particleboard SANS EN 312:1997 or Supawood Medium Density Fibreboard (MDF) SANS 540-1:1991.
 Backer: BisonLam Melamine Faced Board (MFB) SANS 1763:1998.
 Finish in minimum 2mm PVC edging, colour as per Colour Schedule.
- P7** **4: GENERAL DOOR MATERIAL SPECIFICATION** R00
2020/05/04
- Max on Top® High Pressure Laminates (HPL) according to ON EN 438 Type HGS.
 Unless otherwise specified, door and drawer frontals to be from:
 Surface: Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.
 Substrate: 16mm Bisonbord V313 Particleboard SANS EN 312:1997 or Supawood Medium Density Fibreboard (MDF) SANS 540-1:1991.
 Backer: Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS white liner to inner faces. Surface and backers to be bonded under factory controlled conditions.
- P8** **5: GENERAL WORKTOP MATERIAL SPECIFICATION** R00
2020/05/04
- Unless otherwise specified, all worktops fitted to walls or fitted to cupboards and cabinets to be from:
 Max on Top 32mm thick post formed worktop with 180° profile on 1 long edge, consisting of a High Pressure Laminate bonded to a particleboard substrate with brown melamine backer on one side, constructed in accordance with the drawings Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS to upper faces.
- All worktops butting up against walls to be edged in Max on Top® High Pressure Laminates (HPL) according to ON EN 438 Type HGS and exposed edges finished in minimum 3mm PVC edging (colour as per Colour Schedule) to required widths. All worktops against tiles to receive coved tile trims (GENES1S Flexi-bead PVC coat SFB 061/01) butting up against worktop and tile surfaces.
- Worktops fitted independently to walls generally fixed by means of mild steel wall cleats and support brackets with powder coated finished wall cleat and support brackets.
- All worktops, counters and general, to be manufactured in factory in one unit, otherwise joints to be pre-approved by Architect prior to installation.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL (058) 6223471 FAX: (058) 6230844 E-MAIL bartsch@dorez.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-M-JOINERY SCHEDULE	R00	WCS 036745	10

P9	7: GENERAL VANITY TOP MATERIAL SPECIFICATION	R00 2020/05/04
	<p>Unless otherwise specified, vanity tops to be from: Surface: Max on Top@ 12mm thick Avonite® non-porous, homogeneous natural minerals and pure acrylic polymer solid surfacing sheet, joined inconspicuously with matching Avonite adhesive and bonded to substrate with an approved silicone, fabricated and constructed by an approved fabricator in accordance with the drawings, all in accordance with the manufacturer's recommendations. Solid Surfacing Material. Incorporate down stands, profiled edges, fitted up stands and cut outs for moulded Solid Surfacing Material bowls and basins to design, exhibiting seamless jointing. Apply onto Substrate: Supawood MDF (Medium Density Fibreboard) in accordance with SANS 540-1:1991 support structures. Vanity tops fitted independently to walls generally fixed by means of mild steel wall cleats and support brackets with powder coat finish. Support brackets to be fitted at centers not exceeding 500mm. Vanity units to be manufactured in factory in one unit, otherwise joints to be pre-approved by Architect prior to installation.</p>	
P10	8: FURNITURE HARDWARE AND IRONMONGERY	R00 2020/05/04
	Furniture hardware and ironmongery are described in terms of brand, fabricator type, followed by reference numbers and codes. All factory applied.	
P11	9: WALL CUPBOARDS – FIXING TO WALLS	R00 2020/05/04
	Cupboards suspended from walls to be back mounted by means of cupboard suspension fittings fitted to cupboard side panels. Cupboards resting on floors to be screw and plugged, mounted to rear walls through cupboard top and bottom rear bearers fitted behind Melamatched – 3mm Supawood colour matched to Melawood in-fill panels.	
P12	10: SKIRTING FINISHING TO FLOORS	R00 2020/05/04
	Cupboards with skirting finished to front and side of components to be installed to prevent water seepage. Cupboard base structure front panel to be from: Surface: Max on Top@ 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS Standard Skirt panel to be silicone fitted to base structure behind. Substrate: Bisonbord V313 (High Moisture Resistant) Particleboard SANS EN 312-5:1997 to be imbedded in a bed of silicone solution.	
P13	11: BOARD SURFACING	R00 2020/05/04
	Bisonbord Particleboard in accordance with SANS EN 312-3:1996 or Supawood Medium Density Fibreboard (MDF) in accordance with SANS 540-1:1991 (as described) is to be factory surfaced in surface finishes as described in accordance with board manufacturer's specifications.	
P14	12: APPLIED EDGING	R00 2020/05/04
	All 2mm and 3mm rigid PVC edging (as described) are to be factory applied by means of automated edge banding machinery. Edging colour as per Colour Schedule.	
P15	14: FURNITURE COLOUR SPECIFICATIONS (See Max on Top Product Standards Ljst)	R00 2020/05/04
	COLOUR : See Colour schedule. Colour and finish specification to Max on Top@ 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS finish for tops, and cupboard doors. (HPL-HG/S type and HPL-HG/P type). Counters' front panels to be from Max on Top@ 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.	
P16	15: FLOOR CUPBOARD IN-FILL PANELS (CUPF018)	R00 2020/05/04
	In-fill panels to be applied on one or two ends for cupboards in length where wall dimensions are greater than cupboard. In-fill panels to be from: Surface: Max on Top@ 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS, HG/P Horizontal General Purpose / Postformable Substrate: 16mm BISONBORD Particleboard in accordance with SANS EN 312-3:1996 or Supawood Medium Density Fibreboard (MDF) in accordance with SANS 540-1:1991. Backer: Max on Top@ 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS white cabinet liner Fixing method: Secretly fixed.	
P17	16: DIMENSIONS	R00 2020/05/04
	All dimensions of joinery work to be checked on site and shop drawings to be presented to Architect for approval prior to any manufacturing of joinery work.	
P18	17: SAMPLE FURNITURE	R00 2020/05/04
	Architect will call upon sample furniture in order to evaluate quality and construction methods of joinery work.	

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9680 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorma.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-M-JOINERY SCHEDULE	R00	WCS 036745	10

P19	FURNITURE HARDWARE	R00 2020/05/04
	(Unless otherwise specified, hardware and ironmongery to be as specified or similar approved)	
P20	1: DOOR HINGES To be Grass Tiomos type hinges for side panel mounting, including trim cups. Install minimum 2 hinges per Leaf up to 1000mm high and maximum 600mm spacing for hinges on doors higher than 1000mm. GRASS TYPE : Tiomos 160 degrees wide angle hinge - overlay (C03) - Code F045138503. Tiomos Eco Cross Plate 3mm with Euro fixing (3 point) - Code F058139738.	R00 2020/05/04
P21	2: DRAWER RUNNERS To be full metal sided and rear- fully retractable with 16mm SUPALAM (Colour White) drawer bases. METABOX TYPE: Full extension (WHITE) Reference : Sides 500mm deep x 150mm high 555,96,950	R00 2020/05/04
P22	4: DOOR LOCKS (All doors and drawers to be lockable – keyed alike per room with Master Key per Department) To be Cyberlock-Short Bolt Travel Left or Right (Finish Nickel) SDT/GRASS REF: Rim Lock Nickel 22mm (Mastered) 7CL601-22-N MOUNTING SCREWS: 746190 - 6X19 Screw [011] 392 5306	R00 2020/05/04
P23	6: DRAWER LOCKS (Linked to Master Key System) Drawers to be locked in series of four in height, with Face Fitting Cyberlock Central Locking System for recessing in the Cabinet Side Panel. SDT/GRASS REF: 700mm Central Locking System/Nickle (4 Drawer) 7CL603-700-N 197480 - Zargen Locking Bracket MOUNTING SCREWS: 749160 - 6X16 Screw ([011] 392 5306)	R00 2020/05/04
P24	7: CARCASS CONNECTORS For factory machined ready to assemble purpose. HAFELE TYPE : Reference : Cams - 262.26.033. Reference : Pins - 262.27.029.	R00 2020/05/04
P25	8: SHELF SUPPORTS For factory machined ready to assemble purposes. HAFELE TYPE : Reference : 282.12.705	R00 2020/05/04
P26	9: CUPBOARD DOOR CATCHERS HAFELE TYPE : Rooster Catch Reference : 245.05.509X	R00 2020/05/04
P27	10: DOOR STOPS HAFELE TYPE : Press fit WHITE Reference : 356.20.725	R00 2020/05/04
P28	12: WORKTOP CONNECTORS HAFELE TYPE : Suitable for 32mm built-up FORMICA tops Minimum three per 45o full joints Reference : 262.96.211 Used in conjunction with LAMELLO joint pieces	R00 2020/05/04
P29	13: BROOMSTICK HOLDERS For four holders per broom cupboard. HAFELE TYPE : Reference : 520.10.009	R00 2020/05/04
P30	14: DISTRIBUTION CUPBOARDS – PRESSURE CATCHES HAFELE TYPE : Automatic spring catch to each door Reference : 245.54.701	R00 2020/05/04

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@doree.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-M-JOINERY SCHEDULE	R00	WCS 036745	10


P31 16: HANDLES (To all doors and drawers. Alternative specification, see colour schedule drwng no. 100-K for preferred specification.) R00
2020/05/04

HAFELE TYPE : Reference : 155.01.546
(Colour as per Colour
Schedule)

Refer to "Joinery Handle & Lockset Installation Heights" drawing in the 45 Range for handle installation guidelines.

P32 19: CABLE MANAGEMENT SLOT (on work and counter tops) R00
2020/05/04

Standard 80mm diameter Cable Outlet (code 631.21.002) as by HAFELE, colour Stainless Steel, with swivelling section in cover. Position for slots to be determined and controlled on site. Architect to approve sample prior to installation.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@doornet.co.za		
Print Date : 05-May-20	Drawing Description: 100-M-JOINERY SCHEDULE	Rev. nr. : R00	Job nr. : WCS 036745	Pages : 10

FURNITURE CABINET AND CUPBOARD DESCRIPTION

R00
2020/05/04

(Floor cupboards described excluding worktops)

1. FLOOR CUPBOARD F01 (CUPF001/CUPF001A)

R00
2020/05/04

CUPF001A is a mirror image of CUPF001

Size 450mm x 560mm x 880mm high, comprising base structure from:

Surface:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to front face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm Bisonbord V313 (High Moisture Resistant) Particleboard SANS EN 312-5:1997 bottom fixed base, fixed mid-shelf and 75mm wide cross bearers to top and rear of cupboard.

Backer:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to outer face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. Edge all round with minimum 2mm thick PVC edging, colour as per Colour Schedule. 3mm Melamatched White rear in-fill panel, groove mounted to panels, 100mm high recessed skirting.

Hinged door over full width and height from

Surface:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS General Purpose / Postformable grade

Substrate:

16mm BISONBORD Particleboard SANS EN 312-3:1996 finish on outer face with

Backer:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS, White cabinet liner to inside. Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

3. FLOOR DRAWER CUPBOARD F03 (CUPF003)

R00
2020/05/04

Size 450mm x 560mm x 880mm high, four pull-out drawers equal in height, comprising base structure from:

Surface:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to front face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm Bisonbord V313 (High Moisture Resistant) Particleboard SANS EN 312-5:1997 bottom fixed base and 75mm wide cross bearers to top and rear of cupboard.

Backer:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to outer face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. Edge all round with minimum 2mm thick PVC edging, colour as per Colour Schedule. 3mm Melamatched White rear in-fill panel, groove mounted to panels, 100mm high recessed skirting.

Drawer front panels from:

Surface:


Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS Horizontal General Purpose / Postformable grade.

Substrate:

16mm BISONBORD Particleboard SANS EN 312-3:1996.

Backer:

Max on Top® 0,8mm thick high pressure laminate (HPL) according to ON EN 438 Type HGS White cabinet liner to inside. Drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL bartsch@dorea.co.za		
Print Date : 05-May-20	Drawing Description: 100-M-JOINERY SCHEDULE	Rev. nr. : R00	Job nr. : WCS 036745	Pages : 10

4. FLOOR CUPBOARD F04 (CUPF004)

R00
2020/05/04

Size 900mm x 560mm x 880mm high with double doors of equal size, comprising base structure from:

Surface:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to front face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm Bisonbord V313 (High Moisture Resistant) Particleboard SANS EN 312-5:1997 bottom fixed base, fixed mid-shelf and 75mm wide cross bearers to top and rear of cupboard.

Backer:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to outer face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. Edge all round with minimum 2mm thick PVC edging, colour as per Colour Schedule. 3mm Melamatched White rear in-fill panel, groove mounted to panels, 100mm high recessed skirting.

Hinged door over full width and height from:

Surface:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm BISONBORD Particleboard SANS EN 312-3:1996 finish on outer face with

Backer:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. White cabinet liner to inside. Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

5. FLOOR CUPBOARD F05 (CUPF005)

R00
2020/05/04

Size 1000mm x 560mm x 880mm high with double doors of equal size, comprising base structure from:

Surface:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to front face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm Bisonbord V313 (High Moisture Resistant) Particleboard SANS EN 312-5:1997 bottom fixed base, fixed mid-shelf and 75mm wide cross bearers to top and rear of cupboard.

Backer:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to outer face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. Edge all round with minimum 2mm thick PVC edging, colour as per Colour Schedule. 3mm Melamatched White rear in-fill panel, groove mounted to panels, 100mm high recessed skirting.

Hinged door over full width and height from:

Surface:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm BISONBORD Particleboard SANS EN 312-3:1996 finish on outer face with

Backer:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. White cabinet liner to inside. Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

6. FLOOR CUPBOARD F06 (CUPF006)

R00
2020/05/04

Corner unit, size 900mm x 900mm outer x 880mm high, with double door on right angles to required width, comprising base structure from:

Surface:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to front face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm Bisonbord V313 (High Moisture Resistant) Particleboard SANS EN 312-5:1997 bottom fixed base, fixed mid-shelf and 75mm wide cross bearers to top and rear of cupboard.

Backer:

Bisonlam Melamine Faced Board (MFB) in accordance with SANS 1763:1998 to side panels, Finish to outer face with Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. Edge all round with minimum 2mm thick PVC edging, colour as per Colour Schedule. 3mm Melamatched White rear in-fill panel, groove mounted to panels, 100mm high recessed skirting.

Hinged door over full width and height from:

Surface:


Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. Horizontal General Purpose / Postformable grade.

Substrate:

16mm BISONBORD Particleboard SANS EN 312-3:1996 finish on outer face with

Backer:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. White cabinet liner to inside. Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230644 E-MAIL: bartsch@doreca.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
05-May-20	100-M-JOINERY SCHEDULE	R00	WCS 036745	10	

7. BROOM CUPBOARD F07 (CUPF007/CUPF007A)
CUPF007A is a mirror image of CUPF007

R00
2020/05/04

Cupboard size 450mm x 560mm x 2040mm high, comprising base structure, bottom base, sides, fixed upper shelf, top, rear and single hinged door. Construct completely from:

Surface:

1.2mm Max on Top® High Pressure Laminate (HPL) according to ON EN 438 Type HGS Horizontal General Purpose.

Substrate:

16mm Bisonbord V313 (High Moisture Resistant) Particleboard in accordance with SANS EN 312-5:1997.

Backer:

1.2mm Max on Top® High Pressure Laminate (HPL) according to ON EN 438 Type HGS. All cupboard components edged in 3mm PVC edging all round, colour as per Colour Schedule. Fabrication cut outs, i.e. hinge pockets, etc. to receive a water repellent solution prior to mounting of components. Skirting 100mm to be finished in Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS. All exposed edges are to be properly sealed with a minimum of 2 coats of exterior grade Polyurethane varnish to prevent moisture ingress. Fix to wall. Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

16. FLOOR CUPBOARD F16 (CUPF016/CUPF016A)
CUPF016A is a mirror image of CUPF016

R00
2020/05/04

Size 450mm x 560mm x 718mm high, comprising base structure from :

Surface:

Bisonlam Melamine Faced Board (MFB) SANS 1763:1998

Substrate:

16mm Bisonbord V313 High Moisture Resistant Particleboard SANS EN 312-5:1997

Backer:

Bisonlam Melamine Faced Board (MFB) SANS 1763:1998. to side panels, bottom fixed base, fixed mid-shelf and 75mm wide cross bearers to top and rear of cupboard. Edge all round with minimum 2mm thick PVC edging, colour as per Colour Schedule. 3mm Melamatched White rear in-fill panel, groove mounted to panels, 100mm high recessed skirting.

Finish to front face with :

Surface:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS Horizontal General Purpose / Standard. Substrate: 16mm Bisonbord Particleboard SANS EN 312-3:1996.

Backer:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS White liner. Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

Hinged door over full width and height from :

Surface:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS Horizontal General Purpose / Standard.

Substrate:

16mm Bisonbord Particleboard SANS EN 312-3:1996

Backer:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS White liner. Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

18. FLOOR CUPBOARD IN-FILL PANELS F18 (CUPF018)

R00
2020/05/04

In-fill panels to be applied on one or two ends for cupboards in length where wall dimensions are greater than cupboard. In-fill panels to be from:

Surface:


Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS Horizontal General Purpose / Postformable.

Substrate:

16mm BISONBORD Particleboard in accordance with SANS EN 312-3:1996 or Supawood Medium Density Fibreboard (MDF) in accordance with SANS 540-1:1991.

Backer:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS White cabinet liner. Fixing method: Secretly fixed.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartusch@orange.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-M-JOINERY SCHEDULE	R00	WCS 036745	10

54. FLOOR CUPBOARD F54 (CUPF054) - Detergent Storage.

R00
2020/05/04

Cupboard size 900mm x 560mm x 680mm high, comprising base structure, bottom base, sides, fixed mid-shelf, rear and single hinged door. Construct completely from:

Surface:

1.2mm Max on Top® High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm Bisonbord V313 (High Moisture Resistant) Particleboard in accordance with SANS EN 312-5:1997.

Backer:

1.2mm Max on Top® High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

All cupboard components edged in 3mm PVC edging all round, colour as per Colour Schedule. Fabrication cut outs, i.e. hinge pockets, etc. to receive a water repellent solution prior to mounting of components.

All exposed edges are to be properly sealed with a minimum of 2 coats of exterior grade Polyurethane varnish to prevent moisture ingress. Fix to wall. Door edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule. For additional support, provide 40 x 40mm mild steel angle iron at position as indicated on detail drawing no. 045-CUPF054, fixed to wall and top at max. 200mm c/c.

305. WALL CUPBOARD W05 (CUPW005)

R00
2020/05/04

Size 800mm x 300mm x 720mm high, comprising bottom panel, side panel, fixed mid-shelf and top panel from:

Surface:

Bisonlam Melamine Faced Board (MFB) SANS 1763:1998 edged all round in 1mm PVC edging, colour as per Colour Schedule.

Substrate:

16mm Bisonbord Particleboard SANS EN 312-3:1996

Backer:

Bisonlam Melamine Faced Board (MFB) SANS 1763:1998

3mm Melamatched White rear in-fill panel, groove mounted to panels

Hinged door over full width and height from

Surface:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm Bisonbord Particleboard in accordance with SANS EN 312-3:1996.

Backer:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS

Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

316. WALL CUPBOARD (CUPW016)

R00
2020/05/04

Wall cupboard size 650mm x 300mm x 320mm high with one pair double doors, comprising bottom panel, side panels and top panel from:

Surface:

Bisonlam Melamine Faced Board (MFB) SANS 1763:1998 edged all round in 1mm PVC edging, colour as per Colour Schedule

Substrate:

16mm Bisonbord Particleboard SANS EN 312-3:1996

Backer:

Bisonlam Melamine Faced Board (MFB) SANS 1763:1998

3mm Melamatched White rear in-fill panel, groove mounted to panels.

Hinged door over full width and height from

Surface:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

16mm Bisonbord Particleboard in accordance with SANS EN 312-3:1996.

Backer:

Max on Top® 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Door / drawer edges finished all round in a minimum 3mm thick PVC edging, colour as per Colour Schedule.

Microwave Oven enclosure size 900mm x 450mm x 400mm high, comprising bottom panel, side panels from:

Surface:

Bisonlam Melamine Faced Board (MFB) SANS 1763:1998 edged all round in 1mm PVC edging, colour as per Colour Schedule.


Substrate:

16mm Bisonbord Particleboard SANS EN 312-3:1996

Backer:

Bisonlam Melamine Faced Board (MFB) SANS 1763:1998

3mm Melamatched White rear in-fill panel, groove mounted to panels.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-M-JOINERY SCHEDULE	R00	WCS 036745	10

450. FLOOR CUPBOARD TOPS (TOP001-004)

R00
2020/05/04

Surface:

Max on Top 32mm thick post formed worktop with 180° profile on 1 long edge, consisting of a high pressure laminate bonded to a particleboard substrate with brown melamine backer on one side, constructed in accordance with the drawings.

Substrate:

32mm Bisonbord HMR

Backer:

Max on Top@ 0,8mm thick High Pressure Laminate (HPL) backer worktops are to be purpose-made to required length x 600mm wide with 180 degrees front profile.

A splash back of 100mm high to required lengths with

Surface:

Max on Top@ 0,8mm thick High Pressure Laminate (HPL) according to ON EN 438 Type HGS.

Substrate:

32mm Bisonbord HMR

Backer:

Max on Top@ 0,8mm thick High Pressure Laminate (HPL) backer, SANS ISO 4586:1995, having a 90 degrees profiled top profile, and is to be supplied and installed separately. All exposed ends of worktops edged in 3mm PVC edging (colour as per Colour Schedule) to full profile and edges butting up against walls and sinks. Finish joint with soft fill between sink and worktop.

Placement of sinks to be applied by means of imbedding sink flange areas in an approved sealant. Sink installation by means of mechanical fixing as per sink supplier specifications. Where applicable, top to be supported against wall by means of 38 x 38 x 2mm thick mild steel angle iron cleat finished with high quality mild steel paint system, colour to match wall finish.

453. FLOOR CUPBOARD TOPS (TOP013-016)

R00
2020/05/04

Wall fitted worktop to specified length, size through section 600mm deep x 40mm high resin fitted splash back with front edge built-up to 30mm high, to be from Max on Top@ 12mm thick Avonite® non-porous, homogeneous natural minerals and pure acrylic polymer solid surfacing sheet, joined inconspicuously with matching Avonite adhesive and bonded to substrate with an approved silicone, fabricated and constructed by an approved fabricator in accordance with the drawings, all in accordance with the manufacturer's recommendations, incorporating minimum 6mm radius corners on length, 40mm high fitted rear and side splash back (TOP054). Side splash back to be fitted where required when a top is fitted at a corner.

Solid Surfacing Material to be laid on minimum 16mm Supawood MDF (Medium Density Fibreboard) in accordance with SANS 540-1:1991.

475. FLOOR CUPBOARD TOPS (TOP057-060)

R00
2020/05/04

Surface:

Max on Top 32mm thick post formed worktop with 180° profile on 1 long edge, consisting of a High Pressure Laminate bonded to a particleboard substrate with brown melamine backer on one side, constructed in accordance with the drawings.

Substrate:

32mm Bisonbord HMR

Backer:

Max on Top@ 0,8mm thick High Pressure Laminate (HPL) backer worktops are to be purpose-made to required length x 600mm wide with 180 degrees front profile. All exposed ends of worktops edged in 3mm PVC edging (colour as per Colour Schedule) to full profile and edges butting up against walls and sinks. Finish joint with soft fill between sink and worktop.

Placement of sinks to be applied by means of imbedding sink flange areas in an approved sealant. Sink installation by means of mechanical fixing as per sink supplier specifications. Where applicable, top to be supported against wall by means of 38 x 38 x 2mm thick mild steel angle iron cleat finished with high quality mild steel paint system, colour to match wall finish.


REVISIONS


0

100-AB1-CODEBOOK ROOMS BY DEPARTMENTS (2)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date 22-Apr-21

Bartsch
BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9600 TFL (058) 6223471 FAX (058) 6230844 E-MAIL bartsch@dores.co.za				
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :		
22-Apr-21	100-AB1-CODEBOOK ROOMS BY DEPARTMENTS	R00	WCS 036745	2		
Dept Code	Department	Reqd Qty	Design Qty	Reqd area per room	Design area total	notes
Room No	Room Name					
ABL	ABLUTIONS					
1 G ABL 01	STORE	1	1	0	3.39	
1 G ABL 02	DISABLED ABLUTION	1	1	0	5.98	
1 G ABL 03	FEMALE ABLUTION	1	1	0	11.53	
1 G ABL 04	MALE ABLUTION	1	1	0	7.74	
Nett Departmental Area					28.64	
total					28.64	
CIR	CIRCULATION					
1 G CIR 01	WALKWAY	1	1	0	159.63	
1 G CIR 02	WALKWAY	1	1	0	24.83	
1 G CIR 02a	WALKWAY	1	1	0	6.53	
1 G CIR 03	WALKWAY	1	1	0	15.12	
1 G CIR 04	RAMP	1	1	0	103.52	
1 G CIR 05	RAMP	1	1	0	13.60	
1 G CIR 06	COVERED WALKWAY	1	1	0	99.14	
Nett Departmental Area					422.37	
total					422.37	
EG	GARAGES					
1 G EG 01	GARAGE	1	1	0	28.91	
1 G EG 02	GARAGE	1	1	0	27.06	
1 G EG 03	GARAGE	1	1	0	28.14	
1 G EG 04	GARAGE	1	1	0	28.60	
1 G EG 05	GARAGE	1	1	0	27.91	
Nett Departmental Area					140.63	
total					140.63	
GH	GATE HOUSE					
1 G GH 01	RECEPTION/HELP DESK	1	1	16	17.39	
1 G GH 02	SEARCH CUBICLE	1	1	0	2.92	
1 G GH 03	IT ROOM	1	1	0	5.39	
1 G GH 04	KITCHEN	1	1	0	5.68	
1 G GH 05	LOBBY	1	1	0	2.07	
1 G GH 06	WC	1	1	0	2.02	
1 G GH 07	STAFF LOCKERS	1	1	0	6.50	
1 G GH 08	VERANDAH	1	1	0	16.46	
1 G GH 09	ENTRANCE	1	1	0	5.79	
1 G GH 10	VERANDAH	1	1	0	22.79	
1 G GH 11	STAFF ENTRANCE CONTROL OFFICE	1	1	0	7.26	
1 G GH 12	VERANDAH	1	1	0	1.78	
Nett Departmental Area					16	96.06
total					16	96.06
MB	MAIN BUILDING					
1 G MB 01	LOBBY	1	1	0	2.21	
1 G MB 02	STAFF FRMALE ABLUTION	1	1	0	6.08	
1 G MB 03	STAFF MALE ABLUTION	1	1	0	6.76	
1 G MB 04	OFFICE (LAY ASSESSORS)	1	1	16	15.70	
1 G MB 05	KITCHEN	1	1	0	8.92	
1 G MB 06	OFFICE	1	1	16	8.24	
1 G MB 07	FUTURE OFFICE (USED BY CORR. SERVICES)	1	1	0	17.09	
1 G MB 08	FAMILY COURT OFFICE	1	1	0	17.05	
1 G MB 09	PUBLIC PROSECUTOR OFFICE	1	1	16	20.74	
1 G MB 10	CONTROL OFFICER OFFICE	1	1	0	18.66	
1 G MB 11	WAITING AREA	1	1	0	27.56	
1 G MB 12	RECORDS	1	1	0	16.88	
1 G MB 13	OFFICE (PROSECUTOR)	1	1	16	16.90	
1 G MB 14	CASH HALL	1	1	0	19.18	
1 G MB 15	STRONG ROOM	1	1	0	6.47	
1 G MB 16	COURT ROOM	1	1	90	92.57	
1 G MB 17	WAITING AREA	1	1	0	45.61	
1 G MB 18	MAINTENANCE / CIVIL /SMALL CLAIMS / DIVORCES OFFICE	1	1	16	13.02	
1 G MB 19	EXISTING PASSAGE	1	1	0	7.32	
1 G MB 20	NEW PASSAGE	1	1	0	18.71	
1 G MB 21	DCS ROOM	1	1	0	11.80	
1 G MB 22	SAPS ROOM	1	1	0	11.81	

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL (058) 6223471 FAX (058) 6230844 E-MAIL: bartsch@doreas.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-AB1-CODEBOOK ROOMS BY DEPARTMENTS	R00	WCS 036745	2	
1 G MB 23	LOBBY	1	1	0	3.05
1 G MB 24	MALE WC	1	1	0	2.76
1 G MB 26	FEMALE WC	1	1	0	2.92
1 G MB 27	KITCHEN	1	1	0	9.47
1 G MB 28	CLEANER STORE	1	1	0	8.59
1 G MB 29	PASSAGE	1	1	0	8.29
1 G MB 30	MALE JUVENILE HOLDING CELL	1	1	0	11.90
1 G MB 31	MALE HOLDING CELL	1	1	12	11.90
1 G MB 32	FEMALE HOLDING CELL	1	1	12	11.90
1 G MB 33	FEMALE JUVENILE HOLDING CELL	1	1	0	11.90
1 G MB 34	PASSAGE	1	1	0	17.73
1 G MB 35	SALLY PORT	1	1	0	48.82
1 G MB 36	FIRE HOSE REEL	1	1	0	0.39
1 G MB 37	LIBRARY/BOARDROOM	1	1	20	34.21
1 G MB 40	CASH HALL WAITING	1	1	0	10.03
1 G MB 41	SERVER ROOM	1	1	0	8.24
1 G MB 42	COURTYARD 1	1	1	0	76.20
1 G MB 43	LOBBY	1	1	0	2.77
1 G MB 44	STAFF DISABLED TOILET	1	1	0	3.61
1 G MB 45	LOBBY & BABY CHANGE	1	1	16	6.79
1 G MB 46	PUBLIC MALE DISABLED WC	1	1	0	3.55
1 G MB 47	PUBLIC FEMALE DISABLED WC	1	1	0	3.56
1 G MB 48	OFFICE (INTERPRETER)	1	1	12	12.15
1 G MB 49	MAGISTRATE OFFICE	1	1	20	18.64
1 G MB 50	ENSUITE TOILET	1	1	0	4.00
1 G MB 51	LOBBY	1	1	0	2.36
	WITNESSES WAITING AREA	1	0	12	0.00
	CONSULTATION ROOM	1	0	12	0.00
	CIVIL COURT ROOM	1	0	60	0.00
	WITNESS WAITING ROOM	1	0	12	0.00
	CONSULTATION ROOM	1	0	12	0.00
	CIVIL COURT MAGISTRATE OFFICE	1	0	16	0.00
	MAINTANANCE INVESTIGATOR OFFICE	1	0	16	0.00
	COURT MANAGER'S OFFICE	1	0	16	0.00
	ESTATE CLERK OFFICE	1	0	16	0.00
	MAINTANANCE INVESTIGATOR'S OFFICE	1	0	12	0.00
	WITNESS CONSULTATION ROOM	3	0	36	0.00
	PROBATION OFFICER'S OFFICE	1	0	12	0.00
	SOCIAL WORKER'S OFFICE	1	0	12	0.00
	Nett Departmental Area			506	744.95
	total			506	744.95
STE	SITE				
1 G STE 01	PUMP HOUSE	0	1	0	4.00
1 G STE 02	GENERATOR	0	1	0	0.00
1 G STE 03	PUBLIC PARKINGS	0	8	0	0.00
1 G STE 04	STAFF PARKINGS	0	12	0	0.00
1 G STE 05	PUBLIC PARKINGS AT BLOCK HOUSE	0	6	0	0.00
	Nett Departmental Area				4.00
	total				4.00
Summary				Total Required	Total as Designed
ABL	ABLUTIONS			0	28.64
CIR	CIRCULATION			0	422.37
EG	GARAGES			0	140.63
GH	GATE HOUSE			16	94.28
MB	MAIN BUILDING			506	744.95
STE	SITE			0	4.00
T	TOTAL			522	1434.86


REVISIONS


0

100-AC1-EQUIPMENT BY PROJECT (3)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date 22-Apr-21

Bartsch
BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 61230844 E-MAIL: bartsch@doreas.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-AC1-EQUIPMENT BY PROJECT	R00	2743	3	
Code	Description	Qty Designed	Supplied	Fixed	Maintained
BAB001	BABY CHANGING STATIONS	2	CO	CO	CL
BIN001-HT	BIN 4.5L	1	CL	CL	CL
BOA004	1500x1000mm WHITE BOARD	7	CO	CO	CL
BOA012	1500x1000mm PIN BOARD	7	CO	CO	CL
CHA001-HT	CHAIR, ADJUSTABLE HEIGHT, WITH ARMS, HIGH BACK, SWIVEL, 5 STAR BASE, ON CASTORS	5	CL	CL	CL
CHA002-HT	CHAIR, UPRIGHT, VISITORS	2	CL	CL	CL
CHA004-HT	SPACE FOR WHEELCHAIR ACCESSIBILITY	1	CL	CL	CL
CLE003-HT	SCRUBBING/POLISHING MACHINE, SINGLE BRUSH, SMALL	1	CL	CL	CL
COM001-HT	COMPUTER	2	CL	CL	CL
CUPF001	450x560x880mm FLOOR CUPBOARD	1	CO	SP	CL
CUPF003	450x560x880mm FLOOR DRAWER CUPBOARD	3	CO	SP	CL
CUPF004	900x560x880mm FLOOR CUPBOARD	4	CO	SP	CL
CUPF005	1000x560x880mm FLOOR CUPBOARD	2	CO	SP	CL
CUPF006	900x900x880mm CORNER FLOOR CUPBOARD	1	CO	SP	CL
CUPF007	450x600x2040mm BROOM CUPBOARD (Left Hand)	1	CO	SP	CL
CUPF016	450 x 560 x 718mm HIGH COUNTER FLOOR CUPBOARD (Left)	3	CO	SP	CL
CUPF016A	450 x 560 x 718mm HIGH COUNTER FLOOR CUPBOARD (Right)	1	CO	SP	CL
CUPF018	FLOOR CUPBOARD IN FILL PANEL	2	CO	SP	CL
CUPF022	450x560x718mm COUNTER FLOOR DRAWER CUPBOARD	3	CO	SP	CL
CUPF023	FILING CABINET	8	CO	SP	CL
CUPF054	680 x 550 x 900mm DETERGENT STORAGE CUPBOARD	1	CO	SP	CL
CUPF082	BOOKCASE, 4TIER, 2 DOORS 800 x 315 x 1505mm	1	CO	SP	CL
CUPW005	800 x 300 x 720 HIGH WALL CUPBOARD	3	CO	SP	CL
CUPW016	650 x 300 x 800 HIGH WALL CUPBOARD	3	CO	SP	CL
DES003-HT	1200mm DESK UNIT, SINGLE PEDESTAL DRAWER (LEFT HAND)	2	CL	CL	CL
DES004-HT	1200mm DESK UNIT, SINGLE PEDESTAL DRAWER (RIGHT HAND)	1	CL	CL	CL
FRE002	30m FIRE HOSE REEL	3	CO	CO	CL
FRE003	9Kg CO2 FIRE EXTINGUISHER	2	CO	CO	CL
FUR016-HT	BOARDROOM TABLE 8 SEATS	1	CL	CL	CL
GEY001	HYDRO BOIL	3	CO	CO	CL
HK001	HAT AND COAT HOOK (X4)	2	CO	CO	CL
HK005	BROOM AND MOP HOOK	1	CO	CO	CL
LOC003	LOCKER	6	CO	CO	CL
LVR001	VENETIAN BLINDS	28	CO	CO	CL
	1 No. 533 x 71 mm				
	4 No. 920 x 71 mm				
	5 No. 975 x 71 mm				
	9 No. 1022 x 71 mm				
	1 No. 1066 x 71 mm				
	1 No. 1160 x 71 mm				
	1 No. 1300 x 71 mm				
	6 No. 2000 x 71 mm				
REF002-HT	POSITION FOR REFRIGERATOR (STAFF ROOMS)	2	CL	CL	CL
SAF001	GUN SAFE	1	CO	CO	CL
SAF004	BULLET TRAP	1	CO	CO	CL
SAN003	BOWL URINAL (CONCEALED TOILET FLUSHMASTER)	2	CO	CO	CL
SAN004	WASH HAND BASIN	2	CO	CO	CL
SAN006	TOWEL DISPENSER	4	CO	CO	CL
SAN006A	TOWEL DISPENSER	3	CO	CO	CL
SAN007	WASTE DISPOSAL BIN	4	CO	CO	CL
SAN010	PARAPLEGIC WASH HAND BASIN AND MIRROR	3	CO	CO	CL
SAN011	FOLD-UP SEAT	1	CO	CO	CL
SAN013	WASH DOWN PAN (DAISY)	10	CO	CO	CL
SAN016	PARAPLEGIC WC SUITE WITH FLUSH VALVE	4	CO	CO	CL
SAN018	LOCKABLE TOILET PAPER DISPENSER	14	CO	CO	CL
SAN021	DISABLED LEFT HAND DOG LEG SIDE RAIL	2	CO	CO	CL
SAN021A	DISABLED RIGHT HAND DOG LEG SIDE RAIL	2	CO	CO	CL
SAN030	MIRROR (BASIN)	4	CO	CO	CL
SAN040	STAINLESS STEEL SOAP DISPENSER	8	CO	CO	CL
SAN040A	STAINLESS STEEL SOAP DISPENSER (PARAPLEGIC/JUVENILE INSTALLATION)	3	CO	CO	CL
SAN042	DISABLED WC RAIL	4	CO	CO	CL
SAN063	RECESSED TOILET PAPER DISPENSER	4	CO	CO	CL
SAN069	BANTAM WASH HAND BASIN	2	CO	CO	CL
SER001-ICT	800 x 1000 x 1800mm SERVER RACKS	1	CO	SP	CL
SH019	914 X 305 X 2200 7 TIER RECORD SHELVES	7	CO	CO	CL

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX (058) 6230844 E-MAIL: bartsch@dorea.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-AC1-EQUIPMENT BY PROJECT	R00	2743	3	
Code	Description	Qty Designed	Supplied	Fixed	Maintained
SH040	PUSH PULL BULK FILER	4	CO	CO	CL
SH042	PUSH PULL BULK FILER	3	CO	CO	CL
SS008	SLOP HOPPER	1	CO	CO	CL
SS010	STAINLESS STEEL OVERLAY SINK (900 x 595mm) LEFT	2	CO	CO	CL
SS010A	STAINLESS STEEL OVERLAY SINK (900 x 595mm) RIGHT	1	CO	CO	CL
SS040	MIRROR (STAINLESS STEEL) 500MM X 600MM	7	CO	CO	CL
SS042	PARAPLEGIC STAINLESS STEEL WASH HAND BASIN WITH STAINLESS STEEL MIRROR	1	CO	CO	CL
SS061	STAINLESS STEEL WASH HAND BASIN (OVAL A CARINA TAPS)	7	CO	CO	CL
SS080B	COMBI UNIT (CENTRE PAN)	4	CO	CO	CL
STO003-HT	STOVE, MICROWAVE, TIMER OPERATED	3	CL	CL	CL
SUP001	MILD STEEL SUPPORT	1	CO	SP	CL
TEL001-HT	TELEPHONE	1	CO	CO	CL
TOP001	POST FORMED FORMICA TOP WITH 100MM UPSTAND	2	CO	SP	CL
	1 No. 1519 x 600 mm				
	1 No. 1850 x 600 mm				
TOP013	POST FORMED SOLID SURFACE TOP WITH UPSTAND (SURINNO)	1	CO	SP	CL
	1 No. 950 x 600 mm				
TOP057	POST FORMED FORMICA TOP WITHOUT UPSTAND	3	CO	SP	CL
	1 No. 2430 x 600 mm				
	1 No. 2640 x 600 mm				
	1 No. 3810 x 600 mm				
TOP058	POST FORMED FORMICA TOP WITHOUT UPSTAND	1	CO	SP	CL
	1 No. 1535 x 600 mm				
TOP059	POST FORMED FORMICA TOP WITHOUT UPSTAND	1	CO	SP	CL
	1 No. 2300 x 600 mm				
TRO005-HT	TROLLEY CLEANER, DOUBLE BUCKET, MOP WRINGERS	1	CL	CL	CL
TUR003	MACHANICAL SECURITY GATE TURNSTILE	1	CO	CO	CL

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		Bartsch			
		BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-AC1-EQUIPMENT BY PROJECT	R00	2743	3	
Code	Description	Qty Designed	Supplied	Fixed	Maintained

Key to Expanded Group Codes: Supplied

--

- OT - Other
- SP - Specialist
- CL - Client
- CO - Contractor

Key to Expanded Group Codes: Fixed

--

- OT - Not Fixed
- SP - Specialist
- CL - Client
- CO - Contractor
- OT - Other

- CL - Client
- CO - Contractor

Key to Expanded Group Codes: Fixed

--

- OT - Not Fixed
- SP - Specialist
- CL - Client
- CO - Contractor
- OT - Other

REVISIONS

0

100-AE-ROOMDATA SCHEDULE (3)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date
				22-Apr-21

Bartsch
BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

Print Date : 22-Apr-21		Drawing Description: 100-AE-ROOMDATA SCHEDULE										Rev. nr. : R00		Pages : 3					
Room Number	Room Name	FINISHES: A - FLOOR FINISH 01	FINISHES: A - FLOOR FINISH 02	FINISHES: B - SKIRTING 01	FINISHES: B - SKIRTING 02	FINISHES: C - WALL FINISH 01	FINISHES: C - WALL FINISH 02	FINISHES: C - WALL FINISH 03	FINISHES: C - WALL FINISH 04	FINISHES: D - CEILING FINISH 01	FINISHES: D - CEILING FINISH 02	FINISHES: D - CEILING FINISH 03	FINISHES: D - CEILING FINISH 04	FINISHES: D - CEILING FINISH 01	INSULATION TYPE 01	INSULATION TYPE 01	FINISHES: F - WINDOW SURROUNDS AND SILLS	WINDOWS: INTERNAL GLAZING	NOTES
1_G_ABL_01	STORE	A47	N/A	B20	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_ABL_02	DISABLED ABLUTION	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_ABL_03	FEMALE ABLUTION	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_ABL_04	MALE ABLUTION	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_CIR_01	WALKWAY	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	D14	N/A	N/A		
1_G_CIR_02	WALKWAY	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	D2	N/A	N/A	N/A	N/A	D14	N/A	N/A		
1_G_CIR_02a	WALKWAY	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	D2	N/A	N/A	N/A	N/A	D14	N/A	N/A		
1_G_CIR_03	WALKWAY	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	D14	N/A	N/A		
1_G_CIR_04	RAMP	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	D14	N/A	N/A		
1_G_CIR_05	RAMP	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	D14	N/A	N/A		
1_G_CIR_06	COVERED WALKWAY	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	D14	N/A	N/A		
1_G_EG_01	GARAGE	H30	N/A	N/A	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C		
1_G_EG_02	GARAGE	H30	N/A	N/A	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C		
1_G_EG_03	GARAGE	H30	N/A	N/A	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C		
1_G_EG_04	GARAGE	H30	N/A	N/A	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C		
1_G_EG_05	GARAGE	H30	N/A	N/A	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C		
1_G_GH_01	RECEPTION/HELP DESK	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_GH_02	SEARCH CUBICLE	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_GH_03	IT ROOM	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_GH_04	KITCHEN	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_GH_05	LOBBY	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_GH_06	LOBBY	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_GH_07	WC	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_GH_08	STAFF LOCKERS	A3	N/A	B2	N/A	C12	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O		
1_G_GH_09	VERANDAH	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	D63	N/A	N/A	N/A	D24	D14	N/A	N/A		
1_G_GH_10	ENTRANCE	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	D63	N/A	N/A	N/A	D24	D14	N/A	N/A		
1_G_GH_11	VERANDAH	A3	N/A	N/A	N/A	EXT	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	N/A	N/A		
1_G_GH_12	STAFF ENTRANCE CONTROL OFFICE	A3	N/A	B2	N/A	N/A	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	N/A	N/A		
1_G_GH_12	VERANDAH	H48	N/A	N/A	N/A	EXT	N/A	N/A	N/A	D53	N/A	N/A	N/A	D24	D14	N/A	N/A		

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

Print Date : 22-Apr-21		Drawing Description: 100-AE-ROOMDATA SCHEDULE		Rev. nr. : R00		Pages : 3		Notes										
Room Number	Room Name	FINISHES: A - FLOOR FINISH 01	FINISHES: A - FLOOR FINISH 02	FINISHES: B - SKIRTING 01	FINISHES: B - SKIRTING 02	FINISHES: C - WALL FINISH 01	FINISHES: C - WALL FINISH 02	FINISHES: C - WALL FINISH 03	FINISHES: C - WALL FINISH 04	FINISHES: D - CEILING FINISH 01	FINISHES: D - CEILING FINISH 02	FINISHES: D - CEILING FINISH 03	FINISHES: D - CEILING FINISH 04	INSULATION TYPE 01	INSULATION TYPE 02	FINISHES: F - WINDOW SURROUNDS AND SILLS	GLAZING	NOTES
1_G_MB_01	LOBBY	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O	
1_G_MB_02	STAFF FEMALE ABLUTION	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O	
1_G_MB_03	STAFF MALE ABLUTION	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O	
1_G_MB_04	OFFICE (LAY ASSESSORS)	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_05	KITCHEN	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_06	OFFICE	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_07	FUTURE OFFICE (USED BY CORR. SERVICES)	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_08	FAMILY COURT OFFICE	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_09	PUBLIC PROSECUTOR OFFICE	A3	N/A	B2	N/A	C12	C3	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_10	CONTROL OFFICER OFFICE	A3	N/A	B2	N/A	C12	C3	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_11	WAITING AREA	H48	N/A	N/A	N/A	N/A	C3	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_12	RECORDS	A3	N/A	B2	N/A	C12	C3	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_13	OFFICE (PROSECUTOR)	A3	N/A	B2	N/A	C12	C3	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_14	CASH HALL	A3	N/A	B2	N/A	C12	C3	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_15	STRONG ROOM	A47	N/A	B20	N/A	C12	C3	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_16	COURT ROOM	A64	N/A	N/A	N/A	C12	C3	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_17	WAITING AREA	H48	N/A	N/A	N/A	H256	N/A	N/A	N/A	D40	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_18	MAINTENANCE / CIVIL / SMALL CLAIMS / DIVORCES OFFICE	A3	N/A	B2	N/A	N/A	N/A	N/A	N/A	D63	N/A	N/A	N/A	D24	D14	E2	C	
1_G_MB_19	EXISTING PASSAGE	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_20	NEW PASSAGE	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D25	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_21	DCS ROOM	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_22	SAPS ROOM	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_23	LOBBY	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_24	MALE WC	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O	
1_G_MB_26	FEMALE WC	A3	N/A	B2	N/A	C3	C4	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	O	
1_G_MB_27	KITCHEN	A3	N/A	B2	N/A	C3	C4	N/A	N/A	D12	N/A	N/A	N/A	D24	D23	E1	O	
1_G_MB_28	CLEANER STORE	A47	N/A	B20	N/A	C3	C4	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_29	PASSAGE	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_30	MALE JUVENILE HOLDING CELL	A76	N/A	B6	N/A	C17	N/A	N/A	N/A	D25	N/A	N/A	N/A	D24	D14	E1	C	
1_G_MB_31	MALE HOLDING CELL	A76	N/A	B6	N/A	C17	N/A	N/A	N/A	D2	N/A	N/A	N/A	N/A	D28	N/A	C	
1_G_MB_32	FEMALE HOLDING CELL	A76	N/A	B6	N/A	C17	N/A	N/A	N/A	D2	N/A	N/A	N/A	N/A	D28	N/A	C	

Room Number	Room Name	FINISHES: A - FLOOR FINISH 01	FINISHES: A - FLOOR FINISH 02	FINISHES: B - SKIRTING 01	FINISHES: B - SKIRTING 02	FINISHES: C - WALL FINISH 01	FINISHES: C - WALL FINISH 02	FINISHES: C - WALL FINISH 03	FINISHES: C - WALL FINISH 04	FINISHES: D - CEILING FINISH 01	FINISHES: D - CEILING FINISH 02	FINISHES: D - CEILING FINISH 03	FINISHES: D - CEILING FINISH 04	FINISHES: D - CEILING INSULATION TYPE 01	FINISHES: D - CEILING INSULATION TYPE 01	FINISHES: E - WINDOW SURROUNDS AND SILLS	WINDOWS: INTERNAL GLAZING	NOTES
1_G_MB_33	FEMALE JUVENILE HOLDING CELL	A76	N/A	B6	N/A	C17	N/A	N/A	N/A	D2	N/A	N/A	N/A	D28	N/A	C		
1_G_MB_34	PASSAGE	A76	N/A	B6	N/A	C17	N/A	N/A	N/A	D2	N/A	N/A	N/A	D28	N/A	C		
1_G_MB_35	SALLY PORT	A76	N/A	B6	N/A	C17	N/A	N/A	N/A	D2	N/A	N/A	N/A	D28	N/A	C		
1_G_MB_36	FIRE HOSE REEL	H30	N/A	N/A	N/A	C3	N/A	N/A	N/A	D25	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_37	LIBRARY/BOARDROOM	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_40	CASH HALL WAITING	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_41	SERVER ROOM	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_42	COURTYARD 1	H29	N/A	N/A	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_43	LOBBY	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_44	STAFF DISABLED TOILET	A3	N/A	B2	N/A	C3	C12	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_45	LOBBY & BABY CHANGE	A3	N/A	B2	N/A	C3	N/A	C4	N/A	D12	N/A	N/A	N/A	D24	N/A	O		
1_G_MB_46	PUBLIC MALE DISABLED WC	A3	N/A	B2	N/A	C3	N/A	C4	N/A	D12	N/A	N/A	N/A	D24	N/A	O		
1_G_MB_47	PUBLIC FEMALE DISABLED WC	A3	N/A	B2	N/A	C3	N/A	C4	N/A	D12	N/A	N/A	N/A	D24	N/A	O		
1_G_MB_48	OFFICE (INTERPRETER)	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_49	MAGISTRATE OFFICE	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_50	ENSUITE TOILET	A3	N/A	B2	N/A	C3	N/A	C4	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_51	LOBBY	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_MB_52	LOBBY	A3	N/A	B2	N/A	C3	N/A	N/A	N/A	D12	N/A	N/A	N/A	D24	N/A	C		
1_G_STE_01	PUMP HOUSE	H30	N/A	N/A	N/A	C3	N/A	N/A	N/A	D63	N/A	N/A	N/A	D24	N/A	N/A		
1_G_STE_02	GENERATOR	H29	N/A	N/A	N/A	N/A	N/A	N/A	N/A	D2	N/A	N/A	N/A	N/A	N/A	N/A		

- Window Legends**
 - O/G Obscure Glass
 - C/G Clear Glass
 - P/G 6mm Polyurethane Glazing

- Window Note**
 - All opening sections of windows to be restricted to maximum of 150mm opening (provide service key for maintenance.)
 - Vertical blinds to all windows with clear glazing.

- Finishes Note**
 - All FFL to be same level - Contractor to vary screed thickness to accommodate.
 - All rooms with sheet metal roof's (all types of sheet metal roofs) to be provided with roof insulation (over purlin type.)
 - All courtyards floors to be sloped towards storm water outlets to SE design. Wall finish as indicate on external envelope.
 - All Balcony floors to be sloped towards storm water outlets to SE design. Wall finish as indicate on external envelope.

REVISIONS

0

100-A-Floor finishes (8)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date 22-Apr-21

Bartsch
BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dores.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-A-Floor finishes	R00	2743	8

P1 Mock up rooms – all wall and floor finishes must be prepared in advance as part of a mock up room/rooms and at least a 100 square meter of vinyl flooring will serve as a sample floor. R00
2013/02/28

P2 Existing building - Remove existing floor finish and repair or prepare existing screed by means of grinding or shot blasting, to a smooth surface to match floor levels and fit with new floor finish as specified. Note that there is no bitumen or any old adhesive present. R00
2021-04-22

P3 Floor Screeds - all screeds for different floor finishes to be adjusted to ensure a continuous finished floor level throughout. R00
2013/02/28

P4 Samples - All samples submitted for approval, must be accompanied with the relevant Architects specifications for approval. (extract from specifications) R00
2013/02/28

A3. HEAVY AND HIGH TRAFFIC COMMERCIAL PORCELAIN FLOOR TILES (INTERNAL) R00
2021-04-22

Double charge Vitrified full body porcelain tiles with a water absorption (EN ISO 10545-3) of less than 0,1% and a scratch resistance (EN ISO 10545-7) of <150mm3. Slip classification (DIN 51130 (R) to be R9 – all according to detail tile layout. All strictly to manufacturer's specifications. Colour and type to Architect's approval.

Install with a proprietary tile adhesive as recommended by the manufacturer on well-prepared screed to suit required level. Generally we recommend TAL GOLDSTAR 6 or 12. However, each application is different and the final specification will be dependent on the type of floor; i.e. Surface bed or suspended slab. It will depend on whether the floor is screeded, power floated or rough concrete.

Finish all joints with a proprietary grout as recommended by the manufacturer, colour to architects approval. Generally we recommend TAL INDUSTRIAL EPOXY GROUTS.

NOTES :

(KIRK MARKETING + 27 (0)11 444 1441)(<http://www.kirk.co.za>)

a) Where applicable, all movement joints in floor to be M-Trim stainless steel heavy duty movement joint 10mm high (Code SMJ100), fitted with 6mm wide polyurethane infill to suit tiling. Colour to Architect's approval

(KIRK MARKETING + 27 (0)11 444 1441)(<http://www.kirk.co.za>)

b) Where applicable, all structural joints in floor to be M-Trim aluminium structural screed expansion joint 39mm high (Code ASSJ390) with Natural mill colour finish code N fitted with 38mm wide flexible PVC infill, plugged and screwed to floor base on one side of expansion joint. Colour to Architect's approval.

(KIRK MARKETING + 27 (0)11 444 1441)(<http://www.kirk.co.za>)

c) Where applicable, all stair noses to be provided with M-Trim aluminium tile-in stair nosing size 25 x 10mm high (Code ATIN100) to suit tiling thickness, fitted on treads. Colour to Architect's approval.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-A-Floor finishes	R00	2743	8	

(KIRK MARKETING + 27 (0)11 444 1441)(<http://www.kirk.co.za>)

d) Where floor covering change from one floor finish to another, the finishes should be divided with a 25mm x 3mm brass dividing strip (Code BFB253) cast into screed at position as indicated on detail drawing (flush with floor finish).

e) All tiled areas on multi-storey buildings to receive Coprox waterproofing in screed and 100 mm high on walls – all applied strictly to manufacturers specifications

f) Pre-cleaning and purging of full bodied porcelain tiles.

The finished floor will require a complete acid detergent wash to remove any cementitious residue. Failure to carry out an effective acid wash will result in the rapid re-soiling and discolouring of the floor. After installation of the tiles allow for sufficient curing time as stipulated by the relevant adhesive and grouting supplier before applying any acid. Always use protective equipment for eyes, hands and feet when using acid.

A: Manual cleaning

Apply a dilution of SPECKLEEN® ACON™ diluted in accordance with the relevant supplier's specifications using a mop. Using a single disc-scrubbing machine with a blue pad or natural fibre brush remove the cement contamination. Rinse with clean water and remove all residues by means of a wet extraction (suction) machine. If cleaning by hand, ensure that the cleaner has rubber or latex gloves, eye and adequate foot protection. If skin becomes irritated, wash with copious amounts of clean water.

B: Auto scrubber/dryer cleaning

Add a dilution of SPECKLEEN® ACON™ diluted in accordance with the relevant suppliers specifications to the dispersion tank of the auto-scrubbing/dryer machine. Use with blue pads or natural fibre bristle brush attachment. Move over the affected area slowly allowing the solution to have sufficient contact time with the substrate. Where severe soilage is encountered, manually apply the solution beforehand with a mop giving it sufficient time to react with the floor. Using the auto-scrubber/dryer machine pass over the affected area normally. Rinse with clean water and remove all residues with the machine. Always ensure that the cleaner has rubber or latex gloves and eye and foot protection.

Maintenance

A. Manual cleaning (Daily)

Sweep daily using a SPECKLEEN® Masslin dust remover. This will remove up to 80% of dust from the floor. We recommend the use of this system on an on-going basis during the day. Spot clean soiled areas with a solution of SPECKLEEN® Q500™ applied with a micro fibre applicator and micro fibre pads.

B. Auto scrubber cleaning

Floors should be thoroughly scrubbed and dried at least once a day. The most effective method for the satisfactory cleaning of floors would be to use an automatic scrubber/dryer machine with the use of a dilution of SPECKLEEN® Q500™ in accordance with the manufacturer's specifications and the use of micro fibre pads. By scrubbing and drying you are effectively removing any soiling from the floor. Always rinse thoroughly with clean water.

Products

The recommended products are available from Messrs. Speckleen (telephone 011 793 3341). Contact person is Ian Habib (082 410 6181).

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**Bartsch****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-A-Floor finishes	R00	2743	8

A47. SEAMLESS VINYL FLOOR SHEETS (ABRASION RES. PEARLAZZO PUR)R00
2021-04-22(Polyflor 011-609 3500) <http://www.polyflor.co.za/>**SPECIFICATION:**

Supply and install 2.00mm thick x 2.00m wide Pearlazzo PUR Group T homogeneous & monolayer non-directional multi-flake design vinyl sheeting with UV cured cross linked PUR treatment, manufactured in accordance with EN 649/ISO 10581 and laid in Qualichem QAR 298A/iTe V30/Mapei Ultrabond Eco Tack/iT GripiTe V30/Mapai Ultrabond Eco Tack acrylic adhesive which has been spread using an A2 notched trowel on a previously prepared Class 1 sub-floor (Minimum 25 MPA) with a 50mm below surface drilled moisture content reading of 75% RH in accordance with SANS 10070, using 5mm Tal Screedmaster/LeveliTe F30/Mapei Ultraplan Eco self-levelling screed (a moisture barrier such as Tal X-Calibur X-Shield VaporStop HB/iTe Vaporite/Mapei Eco Prim PU/iTe Vaporite/Mapei Eco Prim PU should be applied as per the manufacturer's instruction in at least 2 coats at 90 degrees to each other), including all cutting and waste, rolled in both directions with an articulated 68kg three-sectional roller immediately after it has been laid into the adhesive, joins must be butted, U-shape grooved 2/3rds thickness of the sheet and heat welded using the manufacturer's welding rod, maintenance according to the manufacturers PUR maintenance programme. All installed strictly to manufacturers specifications. Sheet and welding rod colours to Architects approval.

INSTALLATION: (PLEASE NOTE: ALWAYS USE COMPATIBLE PRODUCTS FROM ONE SUPPLIER)

To ensure that our homogeneous flooring looks and performs as well as our customers expect and pay for, due care needs to be taken before and during installation. The following guidelines have been tried and tested internationally and should be adhered to always:

- 1.The screed moisture level must be below 75% Relative Humidity. The liquid Moisture Tester as supplied by us must not turn pink or purple. If moisture is prevalent, we recommend the use of an effective moisture barrier such as Tal X-Calibur X-Shield VaporStop HB/iTe Vaporite/Mapei Eco Prim PU/iTe Vaporite.Mapei Eco Prim PU epoxy based moisture barrier or iTe's BondiTe, applied in accordance with the manufacturer's specifications.
- 2.The screed should be smooth and level. If not, a suitable screed leveller such as Tal Screedmaster/iTe LeveliTe F30/Mapei Ultraplan Eco or Mapei's Ultraplan Eco should be applied in accordance with the manufacturer's instructions, using a rake or gauging rake trowel from Polyflor. In all cases of self-level product application, the manufacturer's instruction should be carefully followed.
- 3.Should any contaminants be found on the screed, please contact Polyflor.
- 4.The recommended adhesive for installing homogenous flooring is Qualichem QAR 298A/iTe GripiTe V30/Mapei Ultrabond Eco Tack or Mapei's Ultrabond Eco Tack, used in strict accordance with the manufacturer's instructions. When the sheeting is to be installed up coving and vertical surfaces, a neoprene contact adhesive is best suited. Experience has shown that for best results, the coving, and areas where stronger grab is needed, the following works well: Prime the back of the sheeting with a solvent based polyurethane contact adhesive such as Qualichem's QAN 439A. When dry, apply neoprene contact adhesive to the primed surface as well as the substrate, allow to dry and then bond, applying as much pressure as possible.
- 5.Before cutting in around the edges, the laid floor should be rolled with a three section, 68kg roller to promote effective bonding. Edges can be cut in and the floor rolled again. This should be done soon after laying the sheeting into adhesive in the length and the width direction to get good adhesive transfer.
- 6.Once the adhesive has set (normally 72 hours), the floor can be washed with a neutral detergent and rinsed.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-A-Floor finishes	R00	2743	8

MAINTENANCE NOTE: NEVER USE A BLACK PAD TO SCRUB A PUR COATED FLOOR

To maximize efficiency of the cleaning system and minimize costs taking advantage of the Polyflor PUR polyurethane reinforcement cross linked and UV cured finish, the following is recommended:

1. Post Installation:

- All loose dirt such as dust, grit, sand etc. must be removed, preferably by vacuuming the floor.
- The floor should then be cleaned using a neutral detergent, diluted as per the manufacturer's instructions, machine scrubbed and dirty cleaning solution wet vacuumed off the floor. (If a wet vacuum is not available, a mop and wringer system can be used).
- Adhesive can be removed with an appropriate detergent/solution such as Polyflor Powerclean if necessary. As a principle, aggressive solvents should be avoided as these may affect the PUR finish. More powerful detergents such as PRO-INOX (previously Resinox) from Industroclean can be used to remove persistent soiling which is not removed by the initial clean.
- The floor should then be rinsed until all traces of the neutral detergent are removed and wet vacuumed to remove all traces of water.

2. Daily

- Sweep/mop using a disposable cloth system such as the Masslinn system or vacuum to remove dust and grit; (Ensure that the vacuum is fitted with a Hepa filtration system in a healthcare environment)
- Spot or damp mop where required using a neutral detergent such as PROCLEAN.

3. Interim or Weekly Clean (Depending on conditions)

- To remove light scuff marks;
Dry buff with a +- 1000 rpm ultra-high speed burnisher using a clean 3M pink eraser or white pad.
- To remove heavy scuff marks;
Scrub with a low speed burnisher and neutral detergent, Proclean-diluted 100ml: 10L with cold water using the green Eco Brilliance pad.

4. Periodically (3-9 monthly) depending on conditions

- If required, scrub with a +- 165 rpm machine fitted with a red or blue pad using neutral detergent PROCLEAN diluted 20:1 with cold water as appropriate. Rinse well with clean water and dry buff with white pad to restore finish.

Please note that all PVC welding rod is not coated. We recommend the application of a layer of PUR sealer to all welds in a PUR sheeting floor to enhance maintenance procedures.

NB: to create a higher sheen on the floor, use a 1000 rpm machine using a clean white 3M pad or green Eco Brilliance Pad.

These products are all available from: Industroclean (011) 801 4600.

PERFORMANCE PROPERTIES

GENERAL PERFORMANCE: EN 649 / EN ISO 10581 ASTM F1913
 REACTION TO FIRE: EN 13501-1 Class Bfl-S1 ASTM E662 <450 ASTM E648 Class 1
 SLIP RESISTANCE: EN 13893 Class DS AS/NZS 4586 R9
 ABRASION RESISTANCE: EN 660-2 Group T EN ISO 10581 Type I
 ELECTRICAL BEHAVIOUR: (body voltage) EN 1815 ≤2kV Classified as 'antistatic'
 CASTOR CHAIR: Suitable for continuous use
 INDENTATION RESIDUAL: ASTM F970 (Modified) Static load 750psi
 All strictly to Polyflor specifications and performance properties.

NOTE :

(Polyflor 011-609 3500) <http://www.polyflor.co.za/>

- a) Where applicable, all expansion joints in screed to be according to vinyl sheet expansion joint detail. Complete with EJC65 Polyspan joint cover - Strip and welding rod colours to Architects approval.

(KIRK MARKETING + 27 (0)11 444 1441)(<http://www.kirk.co.za>)

- b) Where floor covering change from one floor finish to another, the finishes should be divided with a 25mm x 3mm brass dividing strip (Code BFB253) cast into screed at position as indicated on detail drawing (flush with floor finish).

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-A-Floor finishes	R00	2743	8	

A64. HARDWOOD FLOOR FINISH (EXISTING)R00
2021-04-22

Service and repair and or replace any damaged wooden blocks/ planks. Machine sand floors in direction of the grain to remove surface coatings or contaminants until a smooth and uniformly clean profile is obtained. Rake out open joints to remove any dirt, wax, polish and contaminants. Vacuum dust. Just before coating, wipe surface with mutton cloth dampened with Universal Reducer (PUR 1) to ensure a spotlessly clean and dust free surface. Substrate to be sanded lightly between coats with 400 grit paper. Prime with one coat Woodcare Floor Varnish Suede (PFV 2) with an overcoating time of 6 hours and finish with two coats Woodcare Floor Varnish - Suede (PFV 2) with 6 hours drying time between coats to manufacturer's specifications to cover surface sufficiently. Colours to Architect's approval.

A76. POLYURETANE UREA CEMENT SELF-LEVELLING FLOOR 4mm (STONCLAD UL)R00
2021-04-22STONCOR AFRICA (011 254 5500)<http://www.stoncor.co.za>**PRINCIPAL USES**

Stonclad UL is specifically designed for those applications where fast installation, smooth, dense chemical resistance with unsurpassed adhesion in thin layers is required. The unique urethane-cement-aggregate chemistry imparts exceptional resistance to mechanical, vibration and thermal shock abuse. A functional floor, initially with a non-uniform appearance which blends to a semi-sheen finish over time. The system utilises renewable and recycled resources.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-A-Floor finishes	R00	2743	8	

RESISTANCE

Weather: Coating will chalk and discolour.

Acids: Resists splash and fumes of inorganic acids up to 30% concentration, such as Hydrochloric and Sulphuric. Good resistance to organic acids.

Alkalies: Resists splash and spillage.

Petroleum Products: Resists splash, spillage of Paraffin, Jet Fuel, Diesel Oil, Petrol, Alcohol and Solvents.

Water and most Salt Solutions: Excellent resistance.

Refer to Stonclad UT Chemical Resistance Chart for specific chemicals.

TYPICAL PHYSICAL PROPERTIES

Property Test Method Specification

Adhesion to concrete ASTM D4541 > 3MPa

Compressive strength ASTM D695 45-50MPa

Hardness Shored ASTM D 2240 80-90

Chemical Resistance ASTM D1308 No defects

NOTE: Staining may occur depending on length of exposure time, chemical concentration and temperature.

PRIMER AND SKIM COAT

To fill substrate voids and detect the possibility of "outgassing", the use of Stonprime PU is essential.

If blow holes are detected in the primer they should be skimmed level with Pro-Struct 30/35NS Quickset.

COVE BASE

To provide an integral seal at the joint between the floor and the wall, Pro-Struct 618/22 Cove Bases in heights from 5 to 15cm may be specified. This can be over coated with Stonblend 956 Coving paint.

PACKAGING & COVERAGE

Primer: Stonprime PU Parts A, B & C 10lt kit : ± 25-30m²/kit

Mortar: Stonclad UL, 955 18lt Kit : 955 A, B, C & D Pigment Pack 6m²/18lt kit at 3mm thick

Coving Paint: Stonclad 956 1 Litre kit: 956 A, B, C & D Pigment Pack

REFERENCE SAMPLE

A trial reference sample should be installed by the applicator prior to start of contract to ensure correct coverage and workmanship.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-A-Floor finishes	R00	2743	8	

APPLICATION

NOTE: Do not attempt to install this material unless application team is fully trained and understands the requirements of working with materials with short application times within the specified temperature range. Substrate temperatures to be within 16 to 30°C. Material temperatures to be within 16 to 25°C.

SUBSTRATE PREPARATION

Stonclad UL with its appropriate primer is suitable over properly prepared concrete surfaces which are level and do not require renovation. The substrate must be dry and free of all wax, grease, oils, fats, loose or foreign materials and laitance. Laitance and unbounded cement particles must be removed by mechanical methods, i.e. abrasive blasting or diamond grinding. The surface must show open pores throughout

and with main aggregate in concrete exposed and have a coarse sandpaper texture. Retaining slots, 5mm x 5mm, must be cut running 150mm from and parallel to the walls, edges and joints. If weak, dusty substrates exist, they should be removed and repaired

with Pro-Struct 529. Product can be laid on 1 to 2 week - old new concrete, provided a minimum tensile strength of 1.5MPa has been achieved. For recommendations or additional information regarding substrate preparation, please consult StonCor's Surface Preparation Methods".

PRIMING AND PATCHING

1. Apply 2 coats wet-on-wet Stonprime PU at ± 25 to 30m²/10 litre kit with a rubber squeegee. The rougher the substrate, the lower the coverage per kit. Remove puddles and squeegee lines with the squeegee. **DO NOT BACKROLL.**

2. Sealed surface should be free of air holes or depressions. If necessary, patch cracks and blowholes with Pro-Struct 30/35NS Quickset Epoxy Paste.

3. Stonprime PU must be cured for 16 hours at temperatures above 16°C prior to overlaying. At temperatures below 16°C and higher than 10°C, the Stonprime PU must be cured for 24 hours prior to overlaying.

MIXING

Mixing station must be set up to deliver a kit of material to the applicators every 3 minutes. A well displayed clock or timer is necessary to ensure consistent supply. Remove all lids from resin components and open pigment packs and aggregate bags. Two 25 litre clean dry mixing drums and spiral impellers fitted to a high torque, variable speed 550 rpm AGP -EV160 mixer should be used for thorough mixing. Empty the entire contents of the Base and Activator components into the 25 litre container. Mix mechanically for 30 seconds, then add the pigment pack, continue mixing for a further 30 seconds. Pour in the aggregate and mix for another 90 seconds. Immediately send the mixed material to the application floor area and within 30 seconds start another mix in the second 25 litre container. Every 3 minutes a new batch should be made.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-A-Floor finishes	R00	2743	8	

APPLICATION

- 1.The use of floor lights is critical during application to ensure even spread and levelling is achieved.
- 2.Divide the floor into panels not greater than 5m wide. This will ensure that fresh product is applied onto the wet edge of the previous kit.
- 3.Apply one kit of Stonclad UL at 6m²/kit by pouring the mixture in a line onto the floor and raking out using a 6mm notched trowel, spreading evenly at a thickness of 4mm. This application should not take longer than 1 minute.
- 4.Ensure material is level before spike rolling the 1st kit for a full 5 minutes.
- 5.The spike rolling team wearing "spiked shoes" will be standing in the material, rolling backwards and forwards in a uniform direction, moving every 5 minutes from one applied kit to the next. Failure to follow a uniform spiking period will lead to an uneven appearance.
- 6.Do not re-roll material after 8 minutes of application.
- 7.Allow to cure for 12 hours at 25°C before re-cutting joints and seal with Pro-Struct 748 Non-moving Sealant.
- 8.An easy cleaning mild non-slip finish can be achieved by over coating with Stonseal 722 Non-slip Clear Sealer at approximately 8m²/litre/coat.

COLOUR UNIFORMITY

Erratic periods of mixing and variable times of spike rolling will lead to an uneven colour and non-uniform appearance. The use of a well displayed clock and fully trained staff is essential.

CURING

If temperatures are between 16 – 30°C, the coating system can be exposed to light traffic after 24 hours. Excessive traffic, aqueous cleaning and exposure to aggressive chemicals should only take place after 4 to 5 days when full cure has been achieved.

Colour to Architects specifications. Pre-approve sample.

REVISIONS

0

100-B-Skirting finishes (3)

STATUS	SKETCH PLANS	PROJECT DATE				
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO:				
		WCS 036745				
		REV NO:	R00	Date	22-Apr-21	

Bartsch
BARTSCH CONSULT (PTY) LTD
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

B a r t s c h

BARTSCH CONSULT (PTY) LTD
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-B-Skirting finishes	R00	2743	3	

P1 **Samples - With reference to all items and colour schemes: Samples off all items is to be presented for approval prior to any bulk orders. Please take note that most items will have at least six week delivery period, these approvals will only take place at dates off site meetings, the samples need to be approved well in advance to avoid any delays with lead time on orders. All samples must remain in the sample room for the duration of the contract.** R00
2013/02/28

P2 **Mock up rooms – all wall and floor finishes must be prepared in advance as part of a mock up room/rooms and at least a 100 square meter of vinyl flooring will serve as a sample floor.** R00
2013/02/28

P3 **Existing building - Remove existing skirting, prepare and repair walls to match existing walls and fit with new skirting as specified** R00
2013/02/28

P4 **Samples - All samples submitted for approval, must be accompanied with the relevant Architects specifications for approval. (extract from specifications)** R00
2013/02/28

P5 **TRADE NAMES: All materials, fittings and finishes specified may be replaced by equal and approved alternatives.** R00
2013/02/28

B2. PORCELAIN FLOOR TILES SKIRTING (100mm HIGH)

R00
2021-04-22

Type Ditto floor tiles - (size, joints and type to match floor tiles), cut to form skirting, (recessed into wall to be flush with wall tiles if wall is tiled), install with tile adhesive as recommended by tile manufacturer on well-prepared plaster. Finish all joints with COPROX waterproof grout. All strictly to manufacturer's specifications. Colour and type to Architect's approval.

NOTES :

a) Where applicable, all movement and structural joints in skirting to be 8mm, filled with an approved waterproof soft sealant (suitable for wet areas). Colour and type to Architect's approval.

(KIRK MARKETING + 27 (0)11 444 1441)(<http://www.kirk.co.za>)

b) Where floor covering change from one floor finish to another, the finishes should be divided with a 25mm x 3mm brass dividing strip (Code BFB253) cast into screed at position as indicated on detail drawing (flush with floor finish).

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-B-Skirting finishes	R00	2743	3	

B6. SKIRTING SIKAFLOOR®-29N PURCEM® - COVING SYSTEM (3-9 MM THICKNESS)R00
2021-04-22**Product Description**

Sikafloor®-29N PurCem® is a multi-component, vertical grade, coloured polyurethane modified, cement and aggregate mortar for detailing work and vertical rendering.

It has a finely textured smooth aggregate appearance which offers excellent resistance to abrasion, chemical attack and mechanical damage. Typically installed at 3 - 9 mm thickness

System Structure Use the products mentioned below as indicated in their respective Product Data Sheets. For additional information, please refer to the System Data Sheet and the

Method Statement.**Substrate Priming Systems**

Coving and detailing and vertical applications:

- Primer:

Sikafloor®-161 blinded with 0.4-0.7mm quartzsand. Reprime as Sikafloor®-29N PurCem® has to be applied vertically in tacky primer.

- Coving Mortar:

Sikafloor®-29N PurCem® - Seal coat: 1 x Sikafloor®-31N PurCem®

Consumption / Dosage Primer: Sikafloor®-161 as primer Always apply on to tacky primer. Reprime if allowed to cure.

Coving and detailing mortar 3 - 9 mm: Sikafloor®-29N PurCem (part A+B+C) ~ 2.0 kg/m² / mm layer thickness.

These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.

Substrate Quality

The concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 1.5 N/mm².

The substrate must be clean, dry and free of all contaminants such as oil, grease, coatings and surface treatments, etc.

If in doubt, apply a test area first.

Substrate Preparation

Refer to the Sikafloor®- PurCem® method statement

B20. SEAMLESS VINYL SKIRTING / BORDERR00
2021-04-22

(Polyflor 011-609 3500) (www.polyflor.co.za)

Type Ditto floor sheets - polyurethane reinforced fully flexible vinyl floor sheeting coved skirting (200mm border with 200mm high coved skirting), fixed with approved adhesive, joints welded with a fully flexible coloured Polyflor Welding Rod to provide a smooth, hygienic sealed finish, complete with PC 20 cove, include a taper end piece inserted 150 mm prior to the doorway, as illustrated in Technical, complete with CTC30 and CB30 Ejecta Clip, on levelling screed (ditto floor) to ensure a level installation, on well prepared cement screed/wall plaster to match required level – all installed strictly to manufacturers specifications – Sheet and welding rod colours to Architects approval.

NOTE :

(Polyflor 011-609 3500) (www.polyflor.co.za)

a) Where applicable, all expansion joints in screed and wall to be according to vinyl sheet expansion joint detail. Complete with EJC65 Polyspan joint cover - Strip and welding rod colours to Architects approval. – all to manufacturers specifications.

(KIRK MARKETING + 27 (0)11 444 1441)(<http://www.kirk.co.za>)

b) Where floor covering change from one floor finish to another, the finishes should be divided with a 25mm x 3mm brass dividing strip (Code BFB253) cast into screed at position as indicated on detail drawing (flush with floor finish).

REVISIONS

0

100-C-Walls finishes (5)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date
				22-Apr-21

Bartsch

BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-C-Walls finishes	R00	2743	5

P1 Samples - With reference to all items and colour schemes: Samples off all items is to be presented for approval prior to any bulk orders. Please take note that most items will have at least six week delivery period, these approvals will only take place at dates off site meetings, the samples need to be approved well in advance to avoid any delays with lead time on orders. All samples must remain in the sample room for the duration of the contract. R00
2013/02/28

P2 Mock up rooms – all wall and floor finishes must be prepared in advance as part of a mock up room/rooms and at least a 100 square meter of vinyl flooring will serve as a sample floor. R00
2013/02/28

P3 Existing buildings - Prepare and repair existing walls (remove existing wall tiles) and plaster new walls - all to match existing walls and finish as specified. R00
2013/02/28

P4 Samples - All samples submitted for approval, must be accompanied with the relevant Architects specifications for approval. (extract from specifications) R00
2013/02/28

P5 TRADE NAMES: All materials, fittings and finishes specified may be replaced by equal and approved alternatives. R00
2013/02/28

C3. NEW INTERNAL PLASTER WALL WITH PAINT FINISH (PLASCON WALL & ALL TO INTERIOR NEW CEMENT PLASTER (NW 100t) (2 COATS) R00
2021-04-22

Plaster mix for rough brick walls in one operation, composed of 1-part Surebuild cement (Code: CEM II/B 32.5R) and 6 parts sand & One bag of CHRYSO®Fibrin XT fibres (+27(0)11 395 9700) (600 g) per m³ of concrete, ±12mm thick finished with a steel trowel to receive a wall finish as specified elsewhere or wood float to receive tiles to rough brick walls. Cement is to be manufactured in accordance with SANS 50197-1, SANS 2001-EM1:2007 and Successful Plastering from the Concrete institute.

NOTE :

a) Where applicable, all expansion joints in wall to be filled with polysulphide and covered with a 100mm x 3mm thick natural aluminium strip. Plug and screw (counter sunk screws at maximum 150mm c/c) to one side of joint.

b) The mixing of fibres at a concrete batching plant is the preferred method due to quality control. However, fibres can be added on site when there is no other option. The water soluble bags must be added to the mixer first, before anything else. This will help to ensure that the fibres are properly dispersed within the concrete. If added last, some fibres may float on the surface and will require extra mix time.

Add the water soluble bags to the back of the mixer unit

Vigorously mix the concrete in the mixer unit for a period of 5 minutes or 70 revolutions (whichever is greatest) at full speed to ensure the uniform dispersion of fibres.

Reverse the mixer drum to ensure that the fibres are properly dispersed.

If not, remix the concrete until the full dispersion of the fibres has been achieved.

c) Applying the plaster when sequencing building activities, it is highly recommended that the roof is clad before plastering starts. Never work in direct sun. Plastering should be protected from the sun and drying winds. If it is necessary to plaster walls exposed to the sun, especially in hot or windy conditions, then special precautions may be needed to protect the plaster on the wall from sun and wind to reduce the risk of cracks in the plaster.

Print Date :	Drawing Description:	Rev. nr.:	Job nr.:	Pages :	
22-Apr-21	100-C-Walls finishes	R00	2743	5	

SURFACE PREPARATION & SEQUENCE

NEW INTERNAL PLASTER BRICK WALL

• Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:

- concrete, off-shutter, pre-cast : BD 4 scale - 5%
- cement plaster, brickwork, fibre-cement : BD 2 scale – 8%
- Ensure that surfaces are dry, sound and clean.
- Concrete must cure for minimum 28 days and cement plaster 14 days before painting.
- Remove any hollow and soft/underbound plaster and replaster.
- Remove dirt and loose particles.

- Remove any oil, grease and other contaminants with Plascon Metalcare Aquasolv Degreaser (GR 1) working it well into affected areas with bristle broom or brush. Leave for 20 minutes to react, then rinse thoroughly with fresh water to remove all traces of Plascon Metalcare Aquasolv Degreaser (GR1), using high pressure water jet or scrubbing with brush or broom. Allow to dry completely.
- Remove fungi and algae by scrubbing with a solution of household bleach (3,5% sodium hypochlorite) - 1 part bleach to 2 parts water by volume. Leave for 1 hour, then brush off with a bristle brush. Rinse thoroughly with tap water to remove all traces of bleach and allow to dry.
- Fill cracks and other surface defects with the appropriate Polycell filler - refer Surface Preparation, SP4 Crack Repair.

APPLICATION:

- Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.

Please note: When YELLOW top coats are selected for New Work Application it is imperative to use Plascon Professional Plaster Primer - PP950 (Alkali Burn Resistance Primer) in place of (PP700) plaster primers as pH levels may be exceptionally high on new or hairline cracked plaster.

- Apply TERRACO EZ Skim (TER 1200) to achieve a continuous film. Allow 2 hours to dry.
- Apply two full coats of Plascon Wall & All (WAA) to achieve complete obliteration, allowing 2 hours drying between coats.

All strictly to manufacturers detail specification . Colours to Architect's approval.

C4. CERAMIC WALL TILES (splash back)

R00
2021-04-22

Plaster mix for rough brick walls in one operation, composed of 1-part Surebuild cement (Code: CEM II/B 32.5R) and 6 parts sand & One bag of CHRYSO®Fibrin XT fibres (+27(0)11 395 9700) (600 g) per m³ of concrete, ±12mm thick finished with a steel trowel to receive a wall finish as specified elsewhere or wood float to receive tiles to rough brick walls. Cement is to be manufactured in accordance with SANS 50197-1, SANS 2001-EM1:2007 and Successful Plastering from the Concrete institute.

NOTE :

a) Where applicable, all expansion joints in wall to be filled with polysulphide and covered with a 100mm x 3mm thick natural aluminium strip. Plug and screw (counter sunk screws at maximum 150mm c/c) to one side of joint.

b) The mixing of fibres at a concrete batching plant is the preferred method due to quality control. However, fibres can be added on site when there is no other option. The water soluble bags must be added to the mixer first, before anything else. This will help to ensure that the fibres are properly dispersed within the concrete. If added last, some fibres may float on the surface and will require extra mix time.

Add the water soluble bags to the back of the mixer unit

Vigorously mix the concrete in the mixer unit for a period of 5 minutes or 70 revolutions (whichever is greatest) at full speed to ensure the uniform dispersion of fibres.

Reverse the mixer drum to ensure that the fibres are properly dispersed.

If not, remix the concrete until the full dispersion of the fibres has been achieved.

c) Applying the plaster when sequencing building activities, it is highly recommended that the roof is clad before plastering starts. Never work in direct sun. Plastering should be protected from the sun and drying winds. If it is necessary to plaster walls exposed to the sun, especially in hot or windy conditions, then special precautions may be needed to protect the plaster on the wall from sun and wind to reduce the risk of cracks in the plaster.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-C-Walls finishes	R00	2743	5

Install glazed ceramic wall tiles with 3mm joints (800mm wide x 1200mm High at wash hand basin and 400mm high for length of top and adjacent side walls) installed rectangular or diagonal with a diagonal or rectangular dado tile pattern. Install all strictly to manufacturer's specifications. Colour, pattern and type to Architect's approval.

08600 WEBER (93237)(<http://www.weber-tylon.co.za>)

Surface to be firm, free of dust and the plaster allowed curing for 2 weeks before tiling commences. Tiles to be fixed with weber.set Ceramic L adhesive with 24 hour setting time mixed and applied using a 6mm x 6mm tooth gapped at 6mm intervals notched trowel, in accordance with the manufacturer's specifications.

08600 WEBER (93237)(<http://www.weber-tylon.co.za>)

Grouted with weber.grout WB235 Tile grout or equal approved. Install all strictly to manufacturer's specifications. Colour, pattern and type to Architect's approval.

(KIRK MARKETING + 27 (0)11 444 1441)(<http://www.kirk.co.za>)

NOTE :

- All wall tiles to be in panels not larger than 2 x 2m without a 2 mm silicone joint. Colour, pattern and type to Architect's approval.
- Where applicable, all structural expansion joints in wall to be formed with a 8 mm silicone filled joint. Colour to match grout.
- Where applicable, all external corners to be provided with external aluminium straight edge trimming as by KIRK (catalogue Product code 686) or equal approved. Colour and type to Architect's approval.

In the event of drywall wall tiling:

For improved vapour resistance, seal the surface using Gyproc Gypseal

All walls must be primed with 2 parts weber.prim Plaskey WB 250 mixed with 1 part weber.ad Key it WB 117

Apply to a thickness of 1.5 - 2mm using a builders block brush. Allow 24 hours to dry before tiling commence.

Maximum tile weight shall be 20kg/SQM. For heavier tile consult Saint-Gobain.

Use weber.set tile Adhesive mixed with only clean cold water. Apply to surface to a maximum 3mm bed thickness, or maximum 6mm weber.grout mixed with weber.ad bond it WB 183

For showers use Weber shower kit

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**Bartsch****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-C-Walls finishes	R00	2743	5	

C12. PAINT FINISH (Plascon PLASCOGUARD GEHOPON to existing painted walls)R00
2021-04-22

Plascon Plascoguard Gehopon 3000 WB to existing water based coated interior cement plaster (RD 210).

Remove loose and peeling paint back to a firm edge by scraping, sanding or other suitable means. Feather the edges with 100 grit sandpaper and ensure surface is dust free.

Remove surface contaminants using Polycell Sugar Soap solution - 500 g Polycell Sugar Soap Powder (501703) dissolved in 5 litres water, or Polycell Sugar Soap Liquid (5018010). For stubborn contaminants use hot water in the above mix and a bristle broom or scrubbing brush. Rinse with tap water to remove all traces of sugar soap and allow to dry.

Ensure surfaces are clean, dry and sound. Moisture content not more than 8% measured on a Doser Hygrometer BD2 scale (or equivalent) before painting. Spot primie bare and repaired areas with Plascoguard Gehopon 7 sealer (GW 7). Finish with two coats of Plascoguard Gehopon 3000 WB (GW 3000) with 16 hours drying time between coats, for a maintenance cycle of 12 years in a C1 - inland environment.

SURFACE PREPARATION & SEQUENCE**NEW INTERNAL PLASTER BRICK WALL**

• Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:

- concrete, off-shutter, pre-cast : BD 4 scale - 5%
- cement plaster, brickwork, fibre-cement : BD 2 scale - 8%
- Ensure that surfaces are dry, sound and clean.
- Concrete must cure for minimum 28 days and cement plaster 14 days before painting.
- Remove any hollow and soft/underbound plaster and replaster.
- Remove dirt and loose particles.

C17. EPOXY ENAMEL GLOSS PAINT (SIKAFLOOR®GARAGE) PLASTER & EPOXY PAINT (SMOOTH)R00
2021-04-22

Sika South Africa (
Tel +27 (0)31 792 6500www.sika.co.za)

Product Description:

Sikafloor® Garage is a two part, water dispersed, coloured, epoxy resin based coating.

System Information:

Coating system: Primer: 1 x Sikafloor® Garage + 5 wt.-% water (normal absorbent surfaces) Seal coat smooth: 1 - 2 x Sikafloor® Garage Seal coat textured: 1 - 2 x Sikafloor® Garage + 2 wt.-% Extender T Seal coat for broadcast systems: 2 x Sikafloor® Garage

Substrate Quality:

The concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 1.5 N/mm². The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc.

If in doubt apply a test area first.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-C-Walls finishes	R00	2743	5

Substrate Preparation:

To apply Sikafloor Garage to walls:

1. Prepare the substrate mechanically to achieve an open textured finish.
2. Repair any areas that require so.
3. Clean area thoroughly.
4. Take moisture content reading of prepared area. If moisture content too high, a moisture barrier must be applied.
5. If moisture content in substrate is within set parameters, mix the Sikafloor garage with 5% water added as a primer coat, by brush. (On very porous surfaces a second coat of primer might be needed). Mixing times and method strictly according to Sika specification.
6. Following the curing chart, apply second coat within the given times with correct mohair roller.
7. A seamless finish can be achieved by using "wet-edge" method.
8. A 3rd and final seal coat can then be applied, using the same curing time table, with a roller.
9. Above mentioned is for a smooth finish. If a textured finish is required, the final coat to be mixed with

Application Instructions:

Mixing: Part A : part B = 73 : 27 (by weight)

Mixing Time: Prior to mixing, stir part A mechanically. When all of part B has been added to part A, mix continuously for 2 minutes until a uniform mix has been achieved. To ensure thorough mixing pour materials into another container and mix again to achieve a consistent mix.

Over mixing must be avoided to minimise air entrainment.

Mixing Tools: Sikafloor® Garage must be thoroughly mixed using a low speed electric stirrer (300 - 400 rpm) or other suitable equipment.

Application Method / Tools: Prior to application, confirm substrate moisture content, r.h. and dew point. If > 6% pbw moisture content, Sikafloor® EpoCem® may be applied as a temporary moisture barrier system.

Primer:

Make sure that a continuous, pore free coat covers the substrate. If necessary, apply two priming coats.

When used as a primer always apply by brush.

Seal coat:

Sikafloor® Garage is spread evenly by means of a short pile roller. A seamless finish can be achieved if a "wet" edge is maintained during application. Uneven application of the material and resulting differences in the coating layer thicknesses may cause differences in "gloss" of the surface.

Cleaning of Tools:

Clean all tools and application equipment with water immediately after use. Hardened and/or cured material can only be removed mechanically.

Notes on Application / Limitations:

Do not apply Sikafloor® Garage on substrates with rising moisture. Freshly applied Sikafloor® Garage should be protected from damp, condensation and water for at least 24 hours. Always ensure adequate fresh air ventilation when using Sikafloor® Garage in confined spaces to avoid curing problems. The "gloss" of the finish can vary with temperature, humidity and the absorbency of the substrate. The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking. For exact colour matching, ensure the Sikafloor® Garage in each area is applied from the same control batch numbers. Under certain conditions, underfloor radiant heating or high ambient temperatures combined with high point loading, may lead to imprints in the resin. If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO₂ and H₂O water vapour, which may adversely affect the finish. For heating use only electric powered warm air blower systems.

REVISIONS

0

100-D-Ceiling finishes (4)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date
				22-Apr-21

Bartsch

BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorez.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-D-Ceiling finishes	R00	2743	4

P1 Samples - With reference to all items and colour schemes: Samples off all items is to be presented for approval prior to any bulk orders. Please take note that most items will have at least six week delivery period, these approvals will only take place at dates off site meetings, the samples need to be approved well in advance to avoid any delays with lead time on orders. All samples must remain in the sample room for the duration of the contract

R00
2013/02/28

P2 Mock up rooms – all wall and floor finishes must be prepared in advance as part of a mock up room/rooms and at least a 100 square meter of vinyl flooring will serve as a sample floor.

R00
2013/02/28

P3 Existing buildings – remove existing ceilings secure all existing bradering to a level surface to receive new plasterboard ceiling as specified.

R00
2013/02/28**D2. CONCRETE CEILING**R00
2021-04-22

Apply ±12mm thick cement plaster 1:4 mixture to ceilings (R.C. slab & beams) in one operation with steel trowel. All to manufacturer's detail specifications Colour to Architect's approval.

Cornice :

46mm x 24mm Hardwood Cornice, Complete with 10mm x 10mm shadow-line at sidewall and splayed corner at internal face to detail drawing. Stop, fill, sand down and prepare wood surfaces. Prepare surfaces and remove all loose material. Apply paint system for unpainted substrate to match ceiling. Colour and type to Architect's approval.

SURFACE PREPARATION

Surface to be dry, sound and clean and cured for a minimum of 28 days, with a moisture content measured with a Doser Hygrometer (or equivalent), of BD 4 scale - 5% or less. Apply Polycell Mendall 90 flexible crackfiller to holes and cracks.

APPLICATION:

Prime with one coat Plascon Plaster Primer (UC 56) with an over coating time of 16 hours and finish with two coats Wall & All (WAA 1) with 2 hours drying time between coats to new ceilings to cover surface sufficiently - all to detail drawings. Colours to Architect's approval.

D12. NEW PLASTERBOARD M-STRIP TIMBER BRANDERED CEILINGS WITH COVED CORNICE AND PLASCON WALL & ALL PAINT.R00
2021-04-22

Pelican Systems (T)031 563 7307 (E)janine@pelican.co.za:

Fix 1 layer of 7mm JUMBO Plasterboard to brandered installed at maximum 300mm centres. Fix JUMBO Plasterboard using 25mm JUMBO Drywall Screws at maximum 150mm centres. All joints shall be staggered. Install H-strips and spot the screw heads using JUMBO Jointing Plaster.

Cornice:

Supply and install Pelican JUMBO Cove Cornice (75mm) GCD75036 to permimeter of room.

Code: GCD75036

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-D-Ceiling finishes	R00	2743	4	

SURFACE PREPARATION

Joints to be taped and finished as per manufacturer's instructions complete with SABISA certificate Ensure surfaces are dry, sound and free from surface contaminants, e.g. loose particles, dust, oil, etc.

- Soft undercured surfaces may be restored to a sound surface with Plascon Bonding Liquid (CVI 14) thinned 20% by volume with Mineral Turpentine (AZH 1). Allow 16 hours to dry, but not more than 48 hours, before painting.

- Make good defects using Plascon Polycell Polyfilla Interior (10 10 02) or Plascon Polycell Polyfilla Fine Crack Filler

(10 18 01). Allow at least 30 minutes to dry and sand smooth with 220 grit paper and dust off.

APPLICATION:

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-D-Ceiling finishes	R00	2743	4	

D14. SISALATION®FR 430 ROOF INSULATION (reinforced aluminium foil)

R00
2021-04-22

Sisalation® FR 430 (Rval -1.3) Fire retardant industrial grade reinforced aluminium foil insulation double sided, durable, reflective foil laminate incorporating a fire retardant between the various substrates, bonded together with low density polyethene, tested for conformance with SANS 1381-4:2009 , with a Class 1 fire rating in accordance with SANS 10177 - 3:2005 and ASTM E84 and BS 476 part 5, 6 and 7, with purlins spaced at greater than 1500mm centres with top and bottom edges folded around flat bar and fixed to ridge and eaves purlins all to manufacturer specifications and recommendations, and drawn tautly over and fixed to intermediate purlins with double sided tape or contact adhesive and supported between purlins by 1,6mmØ double galvanised straining wires starting at 75mm centre then 275mm, 275mm, 275mm, 275mm and 75mm centres across each roll width securely fixed across top of purlins, with Sisalation lapped 150mm on both sides of each 1250mm width roll. All in accordance with the manufacturer's and/or supplier's specifications and recommendations.

D23. SHEET METAL ROOF INSULATION (50mm)

R00
2021-04-22

ISOVER (011 360 8200)

50mm Thick ISOVER Factorylite flexible, non-combustible lightweight industrial fibreglass insulation material (nominal density 12kg per m³), with Reinforced Kraft Aluminium foil faced finish laid taut over purlins at centres fixed concurrent with the roof covering with galvanised steel straining wires at 300mm centres, and tied down top and bottom after tensioning with galvanized hoop iron ties. All strictly to manufacturer's specifications.

- R-value: 1,28m² K/W
- Thermal conductivity: 0,039 W/m²/K.

D24. CEILING INSULATION (50mm)

R00
2021-04-22

ISOVER (011 360 8200)

Isover 50mm thick Aerolite non-combustible light weight fibreglass Glasswool thermal ceiling insulation 12kg/m³ closely fitted with ends butted firmly between tie beams and laid loose on top of brandering between roof timbers, all in accordance with manufacturer's recommendations. All to comply minimum required total r-value for climatic zones according to sans10400-xa:2011.

- R-value: 1,25m² K/W
- Thermal conductivity: 0,04 W/m²/K.

D25. STEEL CEILING (1mm)

R00
2021-04-22

Global Roofing Solutions (011 - 898-2900) <http://www.globalroofs.co.za/>

BOND-LOK 1 mm sheet metal ceiling panels with CHROMADEK finish. Install with concealed screws at max 400 mm c/c to 75 mm mild steel lip-channel purlins to SE design.

Cornice :

Finish with 50mm x 50mm x 3mm painted angle iron cornice riveted to ceiling. See also detail drawing 44-199. Colours and type to Architect's approval.

D28. IN- SITU CONCRETE ROOF INSULATION (SHOT FIX)

R00
2021-04-22

Roof insulation to be 100mm Thick ISOVER (011 360 8200) Factorylite flexible(Rval -2.56), non-combustible lightweight industrial fibreglass insulation material (nominal density 12kg per m³), with Reinforced Kraft Aluminium foil faced finish, shot fixed to concrete soffit complete with galvanized hoop strips at max 400 mm c/c. All strictly to manufacturer's specifications.

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-D-Ceiling finishes	R00	2743	4

D63. JUMBO MOISTURE RESISTANT CEILINGS TAPE AND JOINT

R00
2021-04-22

Pelican Systems (T)031 563 7307 (E)janine@pelican.co.za:

Supply & fit Pelican Systems JUMBO MR ceiling system with 12mm thick tapered edge plasterboard fixed at right angles to 35mm JUMBO galvanised steel main and cross tees at 400mm centres, using 25mm drywall screws at 150mm centres. All joints to be taped and plastered with JUMBO Jointing Plaster and prepared for decoration, all in accordance with the manufacturer's instructions

Note: Skimmed plasterboard/ skimmed joint ceiling may not exceed 10m in any direction without expansion joint . Pre-approved positions prior to installation. All to comply with SABISA standards

Cornice:

According to detail provided. Detail will vary according to area where ceiling is applied.

SURFACE PREPARATION

Joints to be taped and finished as per manufacturer's instructions complete with SABISA certificate Ensure surfaces are dry, sound and free from surface contaminants, e.g. loose particles, dust, oil, etc.

- Soft undercured surfaces may be restored to a sound surface with Plascon Bonding Liquid (CVI 14) thinned 20% by volume with Mineral Turpentine (AZH 1). Allow 16 hours to dry, but not more than 48 hours, before painting.
- Make good defects using Plascon Polycell Polyfilla Interior (10 10 02) or Plascon Polycell Polyfilla Fine Crack Filler (10 18 01). Allow at least 30 minutes to dry and sand smooth with 220 grit paper and dust off.

APPLICATION:

- Apply one coat of Professional Gypsum and Plaster Primer (PP700) to achieve a continuous film. Allow 16 hours to dry.
- Apply one coat PLASCON Wall & All (WAA) Pure Acrylic paint, thinned 20% and one coat PLASCON Wall & All Pure Acrylic paint to new ceilings to cover surface sufficiently - all to detail drawings. Colours to Architect's approval.

REVISIONS

0

100-E-Cills and blinds (1)

STATUS	SKETCH PLANS	PROJECT DATE	
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO:	
		WCS 036745	
		REV NO:	R00 Date 22-Apr-21

Bartsch
BARTSCH CONSULT (PTY) LTD
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230044
E-MAIL: bartsch@dorea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-E-Cills and blinds	R00	2743	1

P1 **Samples - With reference to all items and colour schemes: Samples off all items is to be presented for approval prior to any bulk orders. Please take note that most items will have at least six week delivery period, these approvals will only take place at dates off site meetings, the samples need to be approved well in advance to avoid any delays with lead time on orders. All samples must remain in the sample room for the duration of the contract.** R00
2013/02/28

P2 **Mock up rooms – all wall and floor finishes must be prepared in advance as part of a mock up room/rooms and at least a 100 square meter of vinyl flooring will serve as a sample floor.** R00
2013/02/28

P3 **Samples - All samples submitted for approval, must be accompanied with the relevant Architects specifications for approval. (extract from specifications)** R00
2013/02/28

P4 **TRADE NAMES: All materials, fittings and finishes specified may be replaced by equal and approved alternatives.** R00
2013/02/28

E1 FOR PLASTERED & TILED WALLSR00
2013/02/28

Apply ±12mm thick cement plaster 1:4 mixture to sills in one operation with steel trowel. Smooth to receive an approved high quality paint system or tiles at 45° to match wall finish (sill without tile - complete with Trimtex® TT 4010 outside splayed corner PVC bead trim (Tel: 800-874-233). All to Architect's approval.

E2 FOR FACE BRICK WALLSR00
2013/02/28

Face bricks are to be Corobrik (031 - 560 3111) Imperial FBX 222 x 106 x 73mm face bricks, cut soldier course with well raked and smoothed joints (85mm gauge) Colour and type to ARCHITECTS approval.

REVISIONS

0

100-F-Sanitary schedule (10)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date 22-Apr-21

Bartsch

BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

Bartsch

BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-F-Sanitary schedule	R00	2743	10

P1 Samples - With reference to all items and colour schemes: Samples off all items is to be presented for approval prior to any bulk orders. Please take note that most items will have at least six week delivery period, these approvals will only take place at dates off site meetings, the samples need to be approved well in advance to avoid any delays with lead time on orders. All samples must remain in the sample room for the duration of the contract. R00
2013/03/01

P2 Mock up rooms – all wall and floor finishes must be prepared in advance as part of a mock up room/rooms and at least a 100 square meter of vinyl flooring will serve as a sample floor. R00
2013/03/01

P3 Existing buildings – Remove all existing sanitary and plumbing and fit new sanitary ware and plumbing (hot & coldwater, waist and soil waterpipes – all to connect to main connections) as specified. R00
2013/03/01

P4 ALL stainless steel fittings to be fitted with stainless steel bolts/screws etc. Not mild steel R00
2013/03/01

P5 Samples - All samples submitted for approval, must be accompanied with the relevant Architects specifications for approval. (extract from specifications) R00
2013/03/01

P6 TRADE NAMES: All materials, fittings and finishes specified may be replaced by equal and approved alternatives. R00
2013/03/01

P7 Existing buildings – IF Required - Remove existing sanitary and plumbing fitting and fit new sanitary ware and plumbing (hot & coldwater, waist and soil waterpipes – all to connect to main connections) as specified. R00
2013/03/01

(GEY001) HYDRO BOIL (7.5L) R00
2021-04-22

Franke (0861 372 653)
 Zip stainless steel 7,5 litre Hydroboil (Code: 2610291), size 318x198x578mm high with instant boiling water, two way tap control, connected to 15mm cold water supply with service valve, waste for safety valve connected to stainless steel sinks according to internal detail drawings: 043-013; 043-014; 043-015 and / or 043-016. 220 volt 15 amp electrical power supply, plugged and screwed to wall and fitted under 1 year guarantee. All to comply with NBR. Installed above sink to manufacturers specifications.

Recommended installation height to bottom of unit (300mm above counter level)

Plumbing notas:

Designed for direct connection to a potable cold-water supply with minimum pressure of 70 kPa; maximum 600 kPa. If static pressure exceeds 600 kPa, a pressure reduction valve must be fitted. An isolating valve should be installed between the water supply and the system.

Maintenance in hard-water areas

In areas where hard water may occur, such as in the eastern and southern coastal regions of South, the product lifespan could be reduced due to build-up of scale. Regular de-scaling should be carried out by a service provider every 6 to 12 months depending on the severity of the conditions.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-F-Sanitary schedule	R00	2743	10

(SAN003/003A) BOWL URINAL (CONCEALED TOILET FLUSHMASTER)R00
2020/03/30

Vaal Sanitaryware (016 - 360 6000) <http://www.vaalsan.co.za/>
600 x 385 x 380mm Lavatera back inlet white vitreous china wall mounted urinal (Code: 705427) including 38mm chromium plated domical grating (Code:8787Z0) and chromium plated back inlet spreader (Code: 7054Z2), flush valve, flush pipe and fittings (by others), fixed on and including two hanger brackets (Code: 8127Z0).

(SAN003) Recommended installation height to top of unit front rim (650mm FFL)
(SAN003A) Recommended Juvenile installation height to top of unit front rim (450mm FFL)

Plumbing: (Cobra 011 951-5000)
Cobra Watertech exposed urinal chrome plated Junior Econo Flushmaster flushvalve (code: KF8.112) with non-hold open feature, galvanised steel undertile box with stainless steel faceplate and chasis, palm press button, 22mm diameter copper urinal tailpipe and 20mm "Ball-o-Stop" control inlet .
Cobra Watertech 40mm Chrome plated deep seal bottle trap with outlet for 50mm PVC (365/50).

(SAN003) Recommended installation height to centre of unit Button (1450mm FFL)
(SAN003A) Recommended Juvenile installation height to centre of unit Button (1350mm FFL)

Plumbing: (Cobra 011 951-5000)
1X COBRA 365/50 bottle trap, 50mm, pvc outlet
Includes: a high specification polymer-blend body component, 75mm deep re-seal and adjustable telescopic pipe, and 1 1/2" female inlet x Ø 50mm outlet for PVC tube

(SAN004) WASH HAND BASINR00
2020/03/30

VAAL Sanitaryware (016 - 360 6000) <http://www.vaalsan.co.za/>
1X Vaal Sanitaryware Hibiscus vitreous china wall hung basin colour White (Code: 702303WH) without pedestal, overall size 510 x 405mm with two tapholes including integrated overflow and chainstay hole, bolted to wall with 2No.10mm bolts (Code: 8448Z000) and sealed with silicone sealant where basin meets wall.

(SAN004) Recommended installation height to top of unit Basin (820mm FFL)
(SAN004A) Recommended Juvenile installation height to top of unit Basin (620mm FFL)

Plumbing: (Cobra 011 951-5000)
2X Cobra Watertech Stella 15mm chrome plated basin pillar tap, with tapered flow-straightened (3314ST-15).
Includes: hot and cold indices, 1/2" BSP male inlet, flanged backnut, and streamline outlet for flow aesthetics. SANS 226 Type 2, DZR brass, JASWIC-listed.
(Optional Vaal stopper 60900001 if only cold water supplied.)

Plumbing: (Cobra 011 951-5000)
1X Cobra Watertech 32mm Machine chrome plated slotted basin waste union (Product Code: 303).
Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection.

Plumbing: (Cobra 011 951-5000)
1X COBRA 309-32 "anti-theft" chrome-plate plug
Includes: 72mm spindle and spindle-locking tab, and 39mm diameter plug.

Plumbing: (Cobra 011 951-5000)
1X COBRA 345/50 bottle trap, 50mm pvc outlet.
Includes: 75mm deep re-seal, adjustable telescopic pipe, and 1 1/4" female inlet x Ø 50mm outlet for PVC tube.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-F-Sanitary schedule	R00	2743	10

Plumbing: (Cobra 011 951-5000)
2X COBRA angle regulating valves – COBRA 832/350F.
Including 350mm braided flexi hose.

(SAN006/006A) TOWEL DISPENSERR00
2021-04-22

Franke (0861 372 653)
Franke Chronos STRX 600, 1,2mm thick Grade 304 18/10 satin stainless steel paper towel dispenser (code: 2120038), size 300 x 305 x 134mm deep with capacity of 300-400 towels, plugged and screwed to the wall with stainless steel screws. Installed strictly to manufacturers specifications. One per ablation/toilet block or medical basin.

(SAN006) Recommended installation height to top of unit (1800mm FFL)
(SAN006A) Recommended Paraplegic installation height to top of unit (1438mm FFL)

(SAN007) WASTE DISPOSAL BINR00
2021-04-22

Franke (0861 372 653)
Franke Chronos STRX605 1.2mm thick Grade 304 18/10 stainless steel waste disposal bins (Product Code: 2120048), size 520 x 300 x 270mm deep with waste bin capacity of 34 litres, plugged and screwed to the wall with stainless steel screws. Installed strictly to manufacturers specifications. One per ablation/toilet block or medical basin.

Recommended installation height to top of unit (820mm FFL)

(SAN010/010B) PARAPLEGIC WASH HAND BASIN AND MIRROR
(SAN010A/010C) PARAPLEGIC WASH HAND BASIN WITHOUT MIRRORR00
2021-04-22

VAAL Sanitaryware (016 - 360 6000) <http://www.vaalsan.co.za/>
1X Vaal Sanitaryware Hibiscus vitreous china wall hung basin colour White (Code: 702303WH) without pedestal, overall size 510 x 405mm with two tapholes including integrated overflow and chainstay hole, bolted to wall with 2No.10mm bolts (Code: 8448Z000) and sealed with silicone sealant where basin meets wall.

Recommended installation height to top of unit Basin (820mm FFL)

Plumbing (Cobra 011 951-5000)
1X Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21B/p-WS/6-nolime) with blue indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412).
1X Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21R/p-WS/6-nolime) with red indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412).
(Optional Vaal stopper 60900001 if only cold water supplied.)

Plumbing: (Cobra 011 951-5000)
1X Cobra Watertech 32mm Machine chrome plated slotted basin waste union (Product Code: 303).
Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection.

Plumbing: (Cobra 011 951-5000)
1X COBRA 309-32 "anti-theft" chrome-plate plug
Includes: 72mm spindle and spindle-locking tab, and 39mm diameter plug.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9680
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-F-Sanitary schedule	R00	2743	10

Plumbing (Cobra 011 951-5000)

1X COBRA 345/50 bottle trap, 50mm, pvc outlet.

Includes: 75mm deep re-seal, adjustable telescopic pipe, and 1 1/4" female inlet x Ø 50mm outlet for PVC tube.

Plumbing (Cobra 011 951-5000)

2X COBRA angle regulating valves – COBRA 832/350F.

Including 350mm braided flexi hose.

MIRROR (SAN010M)

1X 450mm x 900mm high quality mirror complete with beveled edges installed on wall tiles. Plug and screw to wall with X4 chromed mirror screw with dome caps. One per basin.

(SAN011/011A) FOLD-UP SEAT

R00

2021-04-22

MASAKHANE (012 361 1214)

Shower seat with manual flip up mechanism. Frame from 25mm round steel tube with 2mm wall thickness complete with brackets for wall fixing. Seat in perforated mild steel welded to frame size 380mm W x 480mm D. Unit galvanized and painted in epoxy powder. Colour to Architect's approval

Recommended installation height to top of unit seat (480mm FFL)

(SAN013) WASH DOWN PAN

R00

2021-04-22

Vaal Sanitaryware (016 - 360 6000) <http://www.vaalsan.co.za/>

Daisy vitreous china semi close coupled washdown pan comprising 90° outlet open rim pan (product code 751400) flushing valve (elsewhere) including lid and fitments with heavy duty seat.

Plumbing: (Cobra 011 951-5000)

Cobra Watertech exposed WC chrome plated Junior Flushmaster flushvalve (code: KF4.213) with non-hold open feature, vacuum breaker, back entry flushpipe, galvanised steel undertile box with stainless steel faceplate, palm press button, rubber pan connector and 32mm "Ball-o-Stop" control inlet.

Recommended installation height to centre of unit Button (900mm FFL)

(SAN016) PARAPLEGIC WC SUITE WITH FLUSH VALVE

R00

2021-04-22

Vaal Sanitaryware (016 - 360 6000) <http://www.vaalsan.co.za/>

Protea Paraplegic vitreous china floor mounted paraplegic washdown suite colour White (Code: 750246WH), comprising 90° outlet pan, flushing valve (elsewhere) including lid and fitments with heavy duty seat.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

Bartsch
BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-F-Sanitary schedule	R00	2743	10

Plumbing: (Cobra 011 951-5000)
 1X Cobra Watertech exposed WC chrome plated Junior Flushmaster flushvalve (code: KF4.213) with non-hold open feature, vacuum breaker, back entry flushpipe, galvanised steel undertile box with stainless steel faceplate, palm press button, rubber pan connector and 32mm "Ball-o-Stop" control inlet.

Recommended installation height to centre of unit Button (900mm FFL)

(SAN018/018A) LOCKABLE TOILET PAPER DISPENSER

R00
2021-04-22

Franke (0861 372 653)
 Standard stainless steel wall mounted lockable toilet roll holder as by FRANKE Washroom Accessories - Model – STRX 672 - 2120044, Installed strictly to manufacturers specifications. One per WC cubicle.

(SAN018) Recommended installation height to top of unit (820mm FFL)
 (SAN018A) Recommended Juvenile installation height to top of unit (620mm FFL)

(SAN021/021A/021B/021C) DISABLED DOG LEG SIDE RAIL

R00
2021-04-22

Stainless Steel Design (012 – 6667764)
<http://www.stainlesssteeldesigns.co.za/>
 STANDARD 300 x 300 x 300 x 80mm projecting dog leg side rail (KB26) as by Stainless Steel Design. Installed strictly to manufacturers specifications.

SAN021/021A Recommended installation height to bottom of unit (740mm FFL)
 SAN021B/021C Recommended installation height to bottom of unit (540mm FFL)

(SAN030/SAN030A/SAN030B) MIRROR (BASIN)

R00
2021-04-22

450mm x 600mm High quality mirror complete with beveled edges installed on wall tiles. Plug and screw to wall with X4 chromed mirror screw with dome caps. One per basin.

(SAN030) Recommended installation height to top of unit (1800mm FFL)
 (SAN030A) Recommended Juvenile installation height to top of unit (1600mm FFL)
 (SAN030B) Recommended installation height to top of unit (1850mm FFL)

(SAN040/040A) STAINLESS STEEL SOAP DISPENSER

R00
2021-04-22

Franke (0861 372 653)
 Standard stainless steel wall mounted soap dispenser as by FRANKE Washroom Accessories - Model – STRX618 - (Product Code :2120041) , Installed strictly to manufacturers specifications.

(SAN040) Recommended installation height to top of unit (1225mm FFL)
 (SAN040A) Recommended Paraplegic & Juvenile installation height to top of unit (1125mm FFL)
 (SAN040B) Recommended Shower Installation height to top of unit (1580mm FFL)

(SAN042/042A) DISABLED WC RAIL

R00
2021-04-22

Stainless Steel Design (012 – 6667764)
<http://www.stainlesssteeldesigns.co.za/>
 STANDARD 800 long X 150 mm projecting straight disabled rail (KB18) as by Stainless Steel Design. Installed strictly to manufacturers specifications.

(SAN042) Recommended installation height to centre of unit (740mm FFL)
 (SAN042A) Recommended Juvenile installation height to top of unit (540mm FFL)

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-F-Sanitary schedule	R00	2743	10

(SAN069) BANTAM WASH HAND BASINR00
2020/03/30Vaal Sanitaryware (016 - 360 6000) <http://www.vaalsan.co.za/>

1X Bantam vitreous china cloakroom basin (code: 7030), size 455 x 290mm with two tapholes, including integrated overflow and chainstay hole bolted to wall with two 10mm bolts (code: 8448Z0) and sealed with silicone sealant where basin meets wall.

(SAN069) Recommended installation height to top of unit Basin (820mm FFL)

(SAN069A) Recommended Juvenile installation height to top of unit Basin (620mm FFL)

Plumbing: (Cobra 011 951-5000)

2X Cobra Watertech Stella 15mm chrome plated basin pillar tap, with tapered flow-straightened (3314ST-15).

Includes: hot and cold indices, 1/2" BSP male inlet, flanged backnut, and streamline outlet for flow aesthetics. SANS 226 Type 2, DZR brass, JASWIC-listed.

(Optional Vaal stopper 60900001 if only cold water supplied.)

Plumbing: (Cobra 011 951-5000)

1X Cobra Watertech 32mm Machine chrome plated slotted basin waste union (Product Code: 303).

Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection.

Plumbing: (Cobra 011 951-5000)

1X COBRA 309-32 "anti-theft" chrome-plate plug

Includes: 72mm spindle and spindle-locking tab, and 39mm diameter plug.

Plumbing: (Cobra 011 951-5000)

1X COBRA 345/50 bottle trap, 50mm pvc outlet.

Includes: 75mm deep re-seal, adjustable telescopic pipe, and 1 1/4" female inlet x Ø 50mm outlet for PVC tube.

Plumbing: (Cobra 011 951-5000)

2X COBRA angle regulating valves – COBRA 832/350F.

Including 350mm braided flexi hose.

(SAN063) PURPOSE MADE RECESSED TOILET PAPER DISPENSERR00
2021-04-22Inge metal craft (083 377 1919){E-mail: patuys@ingwemetalcraft.co.za}

Standard vandal resistant Stainless steel wall recessed Toilet Roll holder Code - RTRH 0114. Core drill and epoxy grout Unit on to plastered brick wall with an approved grout. Ensure unit to have a flush fit all-round. Pre-approve sample installation.

(SAN063) Recommended installation height to centre of unit (800mm FFL)

(SAN069) BANTAM WASH HAND BASINR00
2021-04-22Vaal Sanitaryware (016 - 360 6000) <http://www.vaalsan.co.za/>

1X Bantam vitreous china cloakroom basin (code: 7030), size 455 x 290mm with two tapholes, including integrated overflow and chainstay hole bolted to wall with two 10mm bolts (code: 8448Z0) and sealed with silicone sealant where basin meets wall.

(SAN069) Recommended installation height to top of unit Basin (820mm FFL)

(SAN069A) Recommended Juvenile installation height to top of unit Basin (620mm FFL)

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-F-Sanitary schedule	R00	2743	10	

Plumbing: (Cobra 011 951-5000)

2X Cobra Watertech Stella 15mm chrome plated basin pillar tap, with tapered flow-straightened (3314ST-15).

Includes: hot and cold indices, 1/2" BSP male inlet, flanged backnut, and streamline outlet for flow aesthetics. SANS

226 Type 2, DZR brass, JASWIC-listed.

(Optional Vaal stopper 60900001 if only cold water supplied.)

Plumbing: (Cobra 011 951-5000)

1X Cobra Watertech 32mm Machine chrome plated slotted basin waste union (Product Code: 303).

Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection.

Plumbing: (Cobra 011 951-5000)

1X COBRA 309-32 "anti-theft" chrome-plate plug

Includes: 72mm spindle and spindle-locking tab, and 39mm diameter plug.

Plumbing: (Cobra 011 951-5000)

1X COBRA 345/50 bottle trap, 50mm pvc outlet.

Includes: 75mm deep re-seal, adjustable telescopic pipe, and 1 1/4" female inlet x Ø 50mm outlet for PVC tube.

Plumbing: (Cobra 011 951-5000)

2X COBRA angle regulating valves – COBRA 832/350F.

Including 350mm braided flexi hose.

(SS008) SLOP HOPPERR00
2021-04-22

Kwikot (011 897 4600)

Slop Hopper with cowl size 535x685x510mm high manufactured from 304(18/10) stainless steel 1,2mm thick with a 100mm high integral splash back to rear and both sides, Model HDGX -SLOP 1 for floor and HDGX -SLOP 2 for wall connection. The cone has a integral flushing rim and 100mm Ø stainless steel "S" or "P" trap .Unit fitted with a back entry flush pipe for a standard flush valve. Unit fitted with a hinged bucket grid manufactured from 10mm diameter 304 (18/10) complete with two 40x40mm square stainless steel wall mounting gallows brackets fixed to wall with 4 of anchor bolts. Slop hopper supplied complete with floor mounting bracket as per manufacturers specification,

Note : For position of connection pipe refer to detail sewer design drawings.

Recommended installation height to top of unit front rim (600mm FFL)

ALTERNATIVE Restrainer:

Purpose made 8mm diameter stainless steel dome restrainer to Detail drawing 43-19

Plumbing: (Cobra 011 951-5000)

Cobra Watertech exposed WC chrome plated Junior Flushmaster flushvalve (code: FJ2.210) with non-hold open feature, vacuum breaker, back entry flushpipe, galvanised steel undertile box with stainless steel faceplate, palm press button, rubber pan connector and 32mm "Ball-o-Stop" control inlet.

Recommended installation height to centre of unit Button (1050mm FFL)

Detail drawing 43-04

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-F-Sanitary schedule	R00	2743	10

Plumbing: (Cobra 011 951-5000)

2X Cobra Watertech Stella 15mm chrome Chrome plated extended bibtap (3306ST/EXT-15).

Includes: hot and cold indices, 1/2" BSP male inlet, sliding wall flange, and flow straightener for flow aesthetics.

SANS 226 Type 2, DZR brass, JASWIC-listed.

Recommended installation height to centre of units (1050mm FFL)

Detail drawing 43-04

Franke (0861 372 653)

Franke CP Brass adaptor (Code 403195).

(SS010/010A) STAINLESS STEEL OVERLAY SINK (900 x 595mm)

R00
2021-04-22

Kwikot (011 897 4600)

Kwikot model BHA900X Single centre bowl special Post Formed sink size 900x595mm manufactured in 1,2mm grade 304 Stainless steel, bowl size 410x350x150mm deep with a 12mm splashback at rear complete with 1 no:- PVC combination overflow fitting with anti theft plug and Lavateria back entry spreader to fitted to bowl on right hand side.

Plumbing: (Cobra 011 951-5000)

Cobra Watertech 15mm Chrome plated one Hole sink mixer with overarm swivel spout, Mounting kit and Flexible Connection Tubes (3396/ST).

Includes: aerated swivel outlet, 1/2" BSP female inlets, mounting kit, and 2 x 1/2" female iron 400mm long flexible inlets. SANS 226 Type 2, DZR brass.

Plumbing: (Cobra 011 951-5000)

1X Cobra Watertech 40mm Chrome plated unslotted basin waste union (no chain or stay) (317-40).

Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection.

Plumbing: (Cobra 011 951-5000)

COBRA 309-40 "anti-theft" plug

Includes: 72mm spindle and spindle-locking tab, and 44mm diameter plug.

Plumbing: (Cobra 011 951-5000)

1X COBRA 365/50 bottle trap, 50mm, pvc outlet

Includes: a high specification polymer-blend body component, 75mm deep re-seal and adjustable telescopic pipe, and 1 1/2" female inlet x Ø 50mm outlet for PVC tube.

Plumbing: (Cobra 011 951-5000)

2X COBRA angle regulating valves – COBRA 832/350F.

Including 350mm braided flexi hose.

(SS040/040A) MIRROR (STAINLESS STEEL)

R00
2021-04-22

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-F-Sanitary schedule	R00	2743	10

Franke (0861 372 653)

500 x 600 model MH600R Chronos reflective polished surface mirror with concealed fixings Installed strictly to manufacturers specifications. One per basin.

(SS042) STAINLESS STEEL PARAPLEGIC WASH HAND BASINR00
2021-04-22

Franke (0861 372 653)

Grade 304 (18/10) 1,2mm thick stainless steel model Oval A wash hand basin size 420 x 340mm with pressed bowl, with two tapholes, with 100mm radius apron and 50mm high splashback, (Code 357456) excluding waste four times bolted to wall with M6 expansion bolts.

Recommended installation height to top of unit basin (820mm FFL)

Plumbing: (Cobra 011 951-5000)

1X Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21B/p-WS/6-nolime) with blue indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412).

1X Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21R/p-WS/6-nolime) with red indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412).

Plumbing: (Cobra 011 951-5000)

1X Cobra Watertech 40mm Chrome plated unslotted basin waste union (no chain or stay) (317-40).
Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection.

Plumbing: (Cobra 011 951-5000)

1X COBRA 365/50 bottle trap, 50mm, pvc outlet

Includes: a high specification polymer-blend body component, 75mm deep re-seal and adjustable telescopic pipe, and 1 1/2" female inlet x Ø 50mm outlet for PVC tube.

Plumbing: (Cobra 011 951-5000)

2X COBRA angle regulating valves – COBRA 232/350.

Includes: sliding wall flange, and 1/2" BSP male inlet x 1/2" BSP male outlet.

Franke (0861 372 653)

1X 500 x 900 model: Purpose made, Chronos reflective polished surface mirror with concealed fixings Installed strictly to manufacturers specifications. One per basin.

(SS061) STAINLESS STEEL WASH HAND BASIN (Carina)R00
2021-04-22

Franke (0861 372 653)

Grade 304 (18/10) 1,2mm thick stainless steel model Oval A wash hand basin size 420 x 340mm with pressed bowl, with two tapholes, with 100mm radius apron and 50mm high splashback, (Code 357456) excluding waste four times bolted to wall with M6 expansion bolts.

Recommended installation height to top of unit basin (820mm FFL)

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-F-Sanitary schedule	R00	2743	10

Plumbing: (Cobra 011 951-5000)

2X Cobra Watertech Carina 15mm chrome pillar tap (Code: 114CA-15) with aerator outlet and flanged backnut, manufactured in accordance with SANS 226:2004 Type 1 (BS 5412).

Includes: hot and cold indice, 1/2" BSP male inlet, flanged backnut, streamline outlet for flow aesthetics, and 1/2" heavy pattern/low resistance for low pressure or high water demand installations. SANS 226 Type 1

Plumbing: (Cobra 011 951-5000)

1X Cobra Watertech 40mm Chrome plated unslotted basin waste union (no chain or stay) (317-40).

Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection.

Plumbing: (Cobra 011 951-5000)

1X COBRA 309-40 "anti-theft" plug Cobra Watertech 40mm

Includes: 72mm spindle and spindle-locking tab, and 44mm diameter plug.

Plumbing: (Cobra 011 951-5000)

1X COBRA 365/50 bottle trap, 50mm, pvc outlet

Includes: a high specification polymer-blend body component, 75mm deep re-seal and adjustable telescopic pipe, and 1 1/2" female inlet x Ø 50mm outlet for PVC tube.

Plumbing: (Cobra 011 951-5000)

2X COBRA angle regulating valves – COBRA 832/350F.

Including 350mm braided flexi hose.

(SS080/080A/080B) HEAVY DUTY STAINLESS STEEL COMBI UNIT

R00
2021-04-22

Franke (0861 372 653)

Franke 1,2mm Grade 304 18/10 stainless steel HDTX850 heavy duty combi unit (code: 356151/2 or 3), size 390 x 799 x 955mm high with integrated wash basin with 40mm waste outlet and 150mm high splashback, plumbing fittings (code: 825010) including Cobra basin valve (code: KM1-00F), Cobra wc valve (code: FJ 4-203F), Walcro flexible hose and Walcro 15mm spout, pan positioned (as shown on drawing), toilet roll holder, 40mm waste outlet and stainless steel "P" trap to WC pan, connected to cold water supply, galvanised mild steel security frame size 525 x 950mm high (code: 356017) with 6No.13mm diameter anti-escape bars built into wall, pedestal fixed to wall with 8mm threaded rods, compliant with SABS 1733:2002.

REVISIONS

0

100-G-Fittings and fixtures (4)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date 22-Apr-21

B a r t s c h

BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

B a r t s c h

BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-G-Fittings and fixtures	R00	2743	4

P1 1. Samples - With reference to all items and colour schemes: Samples off all items is to be presented for approval prior to any bulk orders. Please take note that most items will have at least six week delivery period, these approvals will only take place at dates off site meetings, the samples need to be approved well in advance to avoid any delays with lead time on orders. All samples must remain in the sample room for the duration of the contract. R00
2013/03/01

P2 2. Mock up rooms – all wall and floor finishes must be prepared in advance as part of a mock up room/rooms and at least a 100 square meter of vinyl flooring will serve as a sample floor. R00
2013/03/01

P3 3. If schedule calls for new joinery, remove existing repair walls and floor to match existing and install with new joinery R00
2013/03/01

P4 Samples - All samples submitted for approval, must be accompanied with the relevant Architects specifications for approval. (extract from specifications) R00
2013/03/01

P5 TRADE NAMES: All materials, fittings and finishes specified may be replaced by equal and approved alternatives. R00
2013/03/01

(BAB001) CHANGING STATIONS

R00
2021-04-22

Imported & Distributed By: Guri S.A. t/a Candid Baby
 Tel: +27 11 792-3637 Fax: +27 11 793-5119

KB200 – Horizontal, surface mounted

- Koala Polypropylene surface mounted horizontal baby changing station.
- Unibody steel chassis supports 90 kg (200 lbs) with minimal deflection.
- Sleek design matches modern restroom design and décor.
- Steel on steel hinge has greater resistance to wear and improved durability.
- Gas spring mechanism ensures smooth open and close.
- Dual liner cavity with lock minimizes operator refills and discourages potential vandalism.
- Includes child protection straps and bag hooks.
- Fully ASTM and EN compliant. Meets all ADA requirements.
- Bed surface exclusively contains Microban® antimicrobial, reducing odour causing bacteria.
- Constructed with 16% recycled materials; contributes to LEED certified building requirements.

Dimensions: 894 mm W x 565 mm H

Depth closed: 102 mm

Depth open: 589 mm

(BIN001-HT) WASTE BIN

R00
2021-04-22

For space implication only – supplied by HT Specialists.

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-G-Fittings and fixtures	R00	2743	4

(BOA004) WHITE BOARD

R00
2021-04-22

PARROT PRODUCTS (0861 262 737) Tel:+27(0)10 140 4900) Email sales@parrot.co.za
 (https://www.parrot.co.za)
 Purpose Made 1500mm x 1000mm white board (Code:) as by PARROT PRODUCTS. All installed strictly to manufacturer's specifications.
 Concealed mounting (wall screws and masonry plugs supplied, 6mm).
 Fold away aluminium pentray. Anodised aluminium frame.Can be mounted horizontally or vertically.
 Includes mounting instructions, Slimline frame 18mm wide.
 A written and approved two-year guarantee shall be issued after approval of installation by the manufacturer.

(BOA012) PIN BOARD

R00
2020/03/30

PARROT PRODUCTS (0861 262 737) Tel:+27(0)10 140 4900) Email sales@parrot.co.za
 (https://www.parrot.co.za)
 Purpose Made 1500mm x 1000mm Bulletin board (Code:) as by PARROT PRODUCTS. All installed strictly to manufacturer's specifications.
 Concealed mounting (wall screws and masonry plugs supplied, 6mm).
 Fold away aluminium pentray. Anodised aluminium frame.Can be mounted horizontally or vertically.
 Includes mounting instructions, Standard frame 20mm wide.
 Velcro friendly
 Available carpet colours - ex stock:
 Laurel (Grey-X), Spice (Beige-Q), Tropical (Maroon-T), Denim (Blue-C), Palm (Green-Z).
 All installed strictly to manufacturer's specifications – Colour to Architects approval.
 A written and approved two-year guarantee shall be issued after approval of installation by the manufacturer.

(CHA001-HT) CHAIR, ADJUSTABLE HEIGHT, WITH ARMS, HIGH BACK, ON CASTORS

R00
2021-04-22

For space implication only – supplied by HT Specialists.

(CHA002-HT) CHAIR, UPRIGHT, UPHOLSTERED

R00
2021-04-22

For space implication only – supplied by HT Specialists.

(CHA004-HT) WHEELCHAIR

R00
2021-04-22

For space implication only – supplied by HT Specialists.

(CLE003-HT) SCRUBBING / POLISHING MACHINE (SMALL)

R00
2021-04-22

For space implication only – supplied by HT Specialists.

(COM001-HT) COMPUTER

R00
2021-04-22

For space implication only – supplied by HT Specialists. Information regarding required services to be specified by relevant consultant, for example: electricity, IT Connection etc.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

Bartsch
BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230844
 E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
22-Apr-21	100-G-Fittings and fixtures	R00	2743	4

(CUPF001-017,19-20, 22, 24-28,30-36,38,39,52-67,71,76-88,91,92,97 & 102) MODULAR FLOOR CUPBOARDS R00
 2021-04-22
 Purpose made modular floor cupboards complete with doors, shelves, drawers and skirting - all according to joinery schedule. Colour to Architects approval.

(CUPW01-05&07-09,16-17,17a, 26 , 34) MODULAR WALL CUPBOARDS R00
 2021-04-22
 Purpose made modular wall cupboards complete with doors and shelves - all according to joinery schedule. Colour to Architects approval.

(DES003-HT) 1200mm DESK UNIT, SINGLE PEDESTAL DRAWER (LEFT HAND) R00
 2021-04-22
 For space implication only – supplied by HT Specialists. Information regarding required services to be specified by relevant consultant, for example: electricity connection etc.

(DES004-HT) 1200mm DESK UNIT, SINGLE PEDESTAL DRAWER (RIGHT HAND) R00
 2021-04-22
 For space implication only – supplied by HT Specialists. Information regarding required services to be specified by relevant consultant, for example: electricity connection etc.

(FRE002/002A) 30m FIRE HOSE REEL R00
 2021-04-22
 For space implication only – supplied by other. Information regarding required services to be specified by relevant consultant, for example: electricity, drain connection, water supply etc.

(FRE003) 9Kg CO2 FIRE EXTINGUISHER R00
 2021-04-22
 For space implication only – supplied by other. Information regarding required services to be specified by relevant consultant, for example: electricity, drain connection, water supply etc.

(FUR016-HT) BOARDROOM TABLE 8 SEATS R00
 2021-04-22
 For space implication only – supplied by HT Specialists.

(HK001/HK001A) HAT AND COAT HOOK (X4) R00
 2021-04-22
 Union (011 – 681 4800)
 Standard 500mm long aluminium multi rack complete with x4 hooks (AL8104AS) as by Union – Installed strictly to manufacturers specifications.

(HK005) BROOM AND MOP HOOK R00
 2021-04-22
<http://www.hychem.co.za> (Tel : (011) 466-1885)
 Purpose made back plate to be 900 x 450mm high non magnetic 1.6mm stainless steel plate with grid180 satin finish , glued and screwed (with wall plugs) to a wall surface, with an approved adhesive and x6 countersunk stainless steel screws. Complete with standard stainless steel wall rail - 900mm long with x5 broom hooks as by Hychem – Accessories (www.hychem.co.za). All install 1500mm above finished floor level. Sample installation to be pre approved by architect.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
22-Apr-21	100-G-Fittings and fixtures	R00	2743	4	

(LOC003) LOCKERR00
2021-04-22

Ingwe metal craft (083 377 1919)(E-mail: patuys@ingwemetalcraft.co.za)
Standard x3 PPA 200 MICRON coated two tier change lockers (LOC/2T). Installed strictly to manufacturers specifications – Colour to Architects approval.

(LVR001) VENETIAN BLINDSR00
2021-04-22

HOSPI-TRACK
www.hospitrack.co.za Tel: (011) 824-2293 Cell: 082 458 6054
Aluminium Venetian Blinds – 50mm wide slat with matching De Luxe 50x 50 headrail including BRASS CORDLOCK and GALVANISED Tilt mechanism fixed to one side of headrail including heavy duty universal box brackets complete with matching AUTHENTIC wood bottom rail, valance, bottom buttons and tassels. Installed strictly to manufacturers specification together with detail drawings (43-42) and (43-43). Colour to Architects approval (Pre-approve sample)

(REF002-HT) POSITION FOR REFRIGERATORR00
2021-04-22

For space implication only – supplied by HT Specialists. Information regarding required services to be specified by relevant consultant, for example: electricity connection etc.

(SAF001) GUN SAFER00
2021-04-22

Austen Security Safes (Tel +27 12 803 0689) www.austen.co.za
SABS and SAPS approved , pistol and gun safes (Group B2) with 3mm Body and 6mm Door will protect your firearms from theft and from falling into the wrong hands. The safes are supplied as standard with key locks, wall safe Model WS3 in colour Dove Grey with 1 x 7-lever and 2No. keys, overall size 330 x 305 x 300mm deep with internal dimensions of 326 x 301 x 296mm deep and weight of 16kg bolted into position using expansion bolts. Installation height to Architects approval .

(SAF004) BPT BULLET TRAPR00
2021-04-22

Tactical distributors SA (Tel. 011 823 2401) Email. sales@tacticaldistributors.co.za Website.
www.tacticaldistributors.co.za

This bullet trap is specially designed for the disarming of handguns and rifles at checkpoints in all areas where handguns and rifles are checked-in, e.g. Airports, Government Buildings, Shooting Ranges, Casinos, Gun Dealers, Mines, etc.

The bullets can be of any type for example: handgun - 9mm and 45 magnum, rifles - R4, R5, 12 gauge and 7.62 x 51 amour piercing bullets as the Bullet Trap contains material that will catch armour-piercing bullets. The BPT Bullet Trap contains a unique composition of Kevlar, Ceramics, High Density GRP and Polymers contained in a steel casing. The steel casing is surrounded by shock and energy absorption silica surrounded by a smooth moulded fiberglass.

The bottom is provided with slip resistant Neoprene rubber foam to provide resistance to moving after a shot has been fired into it. As an alternative it is also possible to permanently bolt the Bullet Trap into position through the flanges on the side.

Both the SAPS Forensic Science Laboratories and the Amour Development Division of Armscor in Pretoria, South Africa, (L177, dated 14/02/2007) tested the BPT Bullet Trap using all ranges of handguns and rifles. All the findings were that the BPT Bullet Trap met the requirements as a safety device to ensure safe unloading of firearms.


REVISIONS

0

100-L - DOOR PROTECTION (8)

STATUS	SKETCH PLANS	PROJECT DATE		
PROJECT TITLE	BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R	PROJECT NO: WCS 036745		
		REV NO:	R00	Date 5-May-20

Bartsch
BARTSCH CONSULT (PTY) LTD
 PO BOX 762 HARRISMITH 9880
 TEL: (058) 6223471 FAX: (058) 6230644
 E-MAIL: bartsch@doreal.co.za

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6273471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-L - DOOR PROTECTION	R00	WCS 036745	7

STAINLESS STEEL DOOR CLADDING

GENERAL:

R00 -
2020-05-04

1. All door protection furniture to be non magnetic 1.6mm stainless steel
2. All kick and push plates to be glued and screwed to a unpainted door surface, with an approved adhesive and x6 countersunk screws.
3. All edge protectors to be glued and screwed to a unpainted door surface, with an approved adhesive and x5 countersunk screws to either edge.
4. Both front, back channel/angle edge protectors to be recessed for the total material thickness.
5. All screws to be 2.9 x 13mm stainless steel countersunk self tappers.
6. Furniture to be installed with "GENKEM - VAN 497" or equal approved, strictly to manufacturers specifications.
7. All cut-outs to be laser cut to avoid sharp ragged edges.
8. A sample door to be prepared and approved by architect prior to bulk order.
9. This drawing to be read in conjunction with door protection drawings in the 70 range.
10. Stainless Steel Grade.

All Stainless steel grade and manufacturing to comply with SASSDA minimum standards and regulations. The manufacturer must be registered with South African Stainless Steel Development Association. (SASSDA).

All internal stainless steel installations - Coastal and Inland to be min. Grade 304.

All external stainless steel installations - Coastal Grade 316 and Inland Grade 304.

Coastal - Closer than 30km from coast line.

Inland - Further than 30km from coast line.

DOOR PROTECTION SETS:

- | | | |
|--------------|--|------------------|
| 1.Set "A" - | A-continuous 900 x door thickness x 20mm channel edge protector.
B-continuous 900 x door thickness x 20mm channel edge protector complete with hinge cut out.
D-x2 (door length - edge protectors) x 300mm high kick plates
D-x2 (door length - edge protectors) x 300mm high bumper plates | R00 - 2020-05-04 |
| 2.Set "B" - | A-x2 continuous 900 x (door thickness/2) x 20mm angle edge protectors.
B-continuous 900 x door thickness x 20mm channel edge protector complete with hinge cut out.
D-x2 (door length - edge protectors) x 300mm high kick plates
D-x2 (door length - edge protectors) x 300mm high bumper plates | R00 - 2020-05-04 |
| 3.Set "C" - | A-continuous 900 x door thickness x 20mm channel edge protector.
B-continuous 900 x door thickness x 20mm channel edge protector complete with hinge cut out.
D-x2 (door length - edge protectors) x 1000mm high bumper plates | R00 - 2020-05-04 |
| 4.Set "D" - | A-continuous 900 x (door thickness) x 20mm channel edge protectors.
B-continuous 900 x door thickness x 20mm channel edge protector complete with hinge cut out.
D-x2 (door length - edge protectors) x 1000mm high bumper plates | R00 - 2020-05-04 |
| 5.Set "E" - | D-x1 door length x 300mm high bumper plates | R00 - 2020-05-04 |
| 6. Set "F" - | A-continuous 300 x door thickness x 20mm channel edge protector.
B-continuous 300 x door thickness x 20mm channel edge protector complete with hinge cut out.
D-x2 (door length - edge protectors) x 300mm high kick plates | R00 - 2020-05-04 |

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R**B a r t s c h****BARTSCH CONSULT (PTY) LTD**
PO BOX 762 HARRISMITH 9880
TEL: (058) 6223471 FAX: (058) 6230844
E-MAIL: bartsch@dorea.co.za

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
05-May-20	100-L - DOOR PROTECTION	R00	WCS 036745	7	

7. Set "G" - A-x2 continuous 900 x (door thickness/2) x 20mm bullnosed angle edge protectors. R00 - 2020-05-04
B- continuous 900 x door thickness x 20mm channel edge protector complete with hinge cut out.
D-x2 (door length - edge protectors) x 900mm high bumper plates

8. Set "H" - A- continuous 900 x door thickness x 20mm bullnosed channel edge protector. R00 - 2020-05-04
B- continuous 900 x door thickness x 20mm channel edge protector complete with hinge cut out.
D-x2 (door length - edge protectors) x 300mm high kick plates
D-x2 (door length - edge protectors) x 300mm high bumper plates

Note: Here with attached specification of an approved manufacturer.

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		Bartsch BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorez.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-L - DOOR PROTECTION	R00	WCS 036745	7



STAINLESS STEEL

SUPPLIERS OF STAINLESS STEEL MATERIAL AND FITTINGS

NATIONAL DARY EQUIPMENT (PTY) LTD Reg No 1952/0013600/6 MES-ETIM ROAD, WESTMEAD, PINETOWN, SOUTH AFRICA
P.O. BOX 1578, WESTMEAD, 3600 TELEPHONE: (031) 7005444 TELEFAX: (031) 7002400

Re: Stainless Steel Door Cladding

As requested we itemise the procedure to follow when making the above stainless steel products for door protection.
There are in total 8 different items of product required.

1. Standard Edge Channel – Front 'A'

U channel 1000mm length. Internal width to suite door thickness, sides to measure 20mm. Refer item 'A'. Holes drilled and countersunk, as per item 'C' on both sides of channel.

2. Flush Bolt Channel – Front 'C'

All measurements as per 1 above. Allowances for flush bolt to be made at lower end of channel. Refer item 'C'. This channel allows for a 150mm flush bolt. The cut-cut is the total width of the channel, this reduces the risk of cutting fingers when operating the flush bolt.

3. Hinge Channel – Back 'B'

Again measurements as per 1 above. Cut-out made to allow for hinge refer item 'B'. This channel makes allowance for a 100x75 butt hinge. The height is critical and careful attention to this detail must be specified by the architect.

4. Plates - Infills 'D'

Refer item 'D'. There are two options for plates.

- i) A per the detail in 'D'.
- ii) A Plate to cover the complete area per the edge channels. Refer item 'E'

In both cases the location of the holes is critical. In 4(ii) above the holes must coincide with the holes on the channel.

Please pay careful attention to the 35mm space allowed on the one side of the plate. This is the side which is trimmed on suite the door.


5. Rebate Protection 'F'

This comprises of four 19x19mm angles which are fitted to the edges of the rebate to avoid damage. Refer item 'F'. Note the staggered holes. This is important because if the holes line up the screws would cause the edge to become weak.



DIRECTORS: M. J. CAMPBELL, B. CATHIE (Dip. Acc.) (NMB), CA (SA) Managing, V. J. DAVIS, E. N. DOLSKMAN, D. G. FRANZ, E. MOOLEY

CAPE TOWN . JOHANNESBURG . PINETOWN . PORT ELIZABETH

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za			
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :	
05-May-20	100-L - DOOR PROTECTION	R00	WCS 036745	7	



STAINLESS STEEL

SUPPLIERS OF STAINLESS STEEL MATERIAL AND FITTINGS

NATIONAL DAIRY EQUIPMENT (PTY) LTD. Reg. No: 1993/0138057 E HESKETH ROAD WESTMEAD, PINETOWN SOUTH AFRICA
 P.O. BOX 15278 WESTMEAD 3608 TELEPHONE (031) 700544 TELEFAX (031) 7003406

3. Rebate Protection – Flush Bolt

As per 5 above. One side of the angle on one side of the protectors be cut back the length of the flush bolt. There is no detail for this.

7. Screws

All screws to be 2.9x13mm counter sunk self tappers. In stainless steel.

8. Adhesive

It is recommended that the adhesive "VAN 497" as manufactured by Genkem be used. The adhesive is applied before the doors are painted.

Fitting

- Refer to item 'G'.
 - It is very important that levels and accuracy is kept if the plates are to fit square between the channels.
 - The edge of the door is to be recessed to allow for the channels to fit flush with the edge of the door. This is done by a carpenter. From experience the doors are first hung on the frame, taken down and then trimmed to suite the cladding.
 - The adhesive is applied to both surfaces, per the instructions. The plates / channels are fitted and screwed in place.
 - All holes are to be 3mm in diameter, countersunk.
- All cutouts to be laser cut to avoid sharp ragged edges

NDE has extensive experience in the manufacture and supply of all the above items. If there are more questions which need to be addressed, we will be happy to oblige.

The information details and drawings remain the property of NDE and we would respect your integrity in not passing out this information when requesting quotations



DIRECTORS M J CAMPBELL B Compt Dip Acc'g (1961) CA (SA); Managing V J DAVIS, L N OCELMAN, D G FRANZ, L MOODLEY

CAPE TOWN • JOHANNESBURG • PINETOWN • PORT ELIZABETH

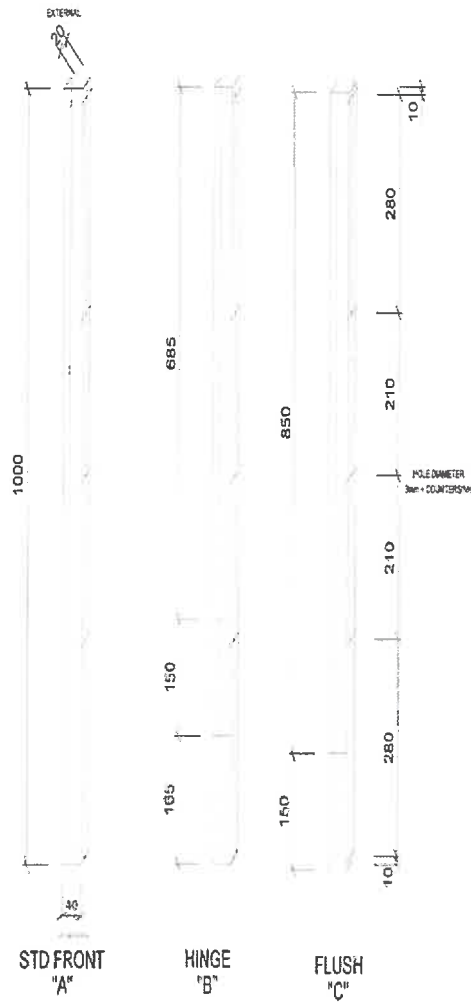
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-L - DOOR PROTECTION	R00	WCS 036745	7



STAINLESS STEEL


SUPPLIERS OF STAINLESS STEEL MATERIAL AND FITTINGS

NATIONAL DAIRY EQUIPMENT (PTY) LTD, Reg. No. 152500/29007 8 HESKETH ROAD, WESTMEAD, PINETOWN, SOUTH AFRICA
 P.O. BOX 15279 WESTMEAD, 3608 TELEPHONE (031) 709544 TELEFAX (031) 7033408



DIRECTORS: M J CAMPBELL B Comm M Dip Acct/Fin CA (ISA) Managing, V J DAVIS, L N DOLLMAN B G, FRANZ, L MOOGLY

CAPE TOWN • JOHANNESBURG • PINETOWN • PORT ELIZABETH

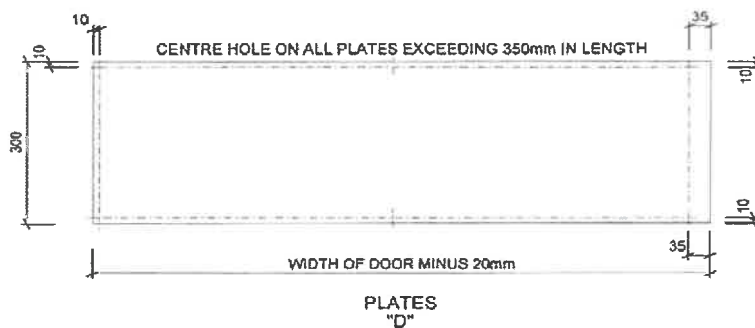
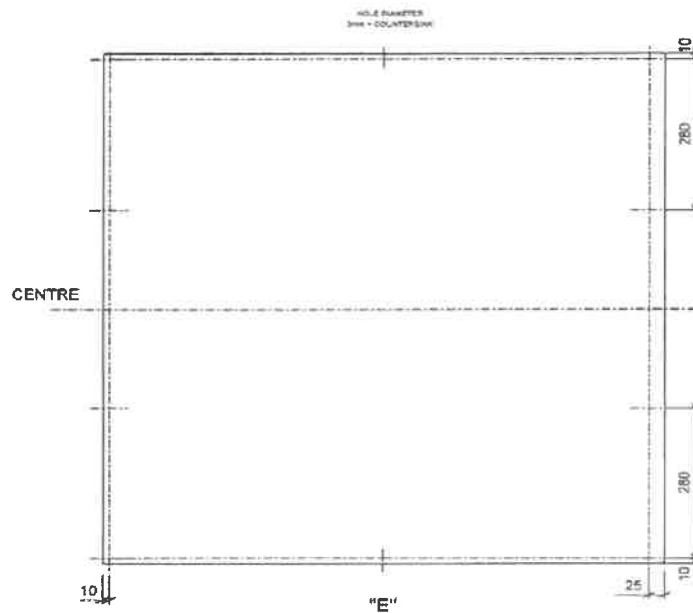
BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R		 BARTSCH CONSULT (PTY) LTD PO BOX 762 HARRISMITH 9880 TEL: (058) 6223471 FAX: (058) 6230844 E-MAIL: bartsch@dorea.co.za		
Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-L - DOOR PROTECTION	R00	WCS 036745	7



STAINLESS STEEL

SUPPLIERS OF STAINLESS STEEL MATERIAL AND FITTINGS

NATIONAL DAIRY EQUIPMENT (PTY) LTD, Reg. No. 1982001388607, 4 HESKETH ROAD, WESTMEAD, PINETOWN, SOUTH AFRICA
 P.O. BOX 15278, WESTMEAD, 3809. TELEPHONE: (031) 7005444 TELEFAX: (031) 7003408



DIRECTORS: M. J. CAMPBELL B. COOPER M. DEP. AZEEM WASSI CA (SA) Managing, V. J. DAVIS, L. H. COLLMAN D. G. FRANZ, L. MOODLEY

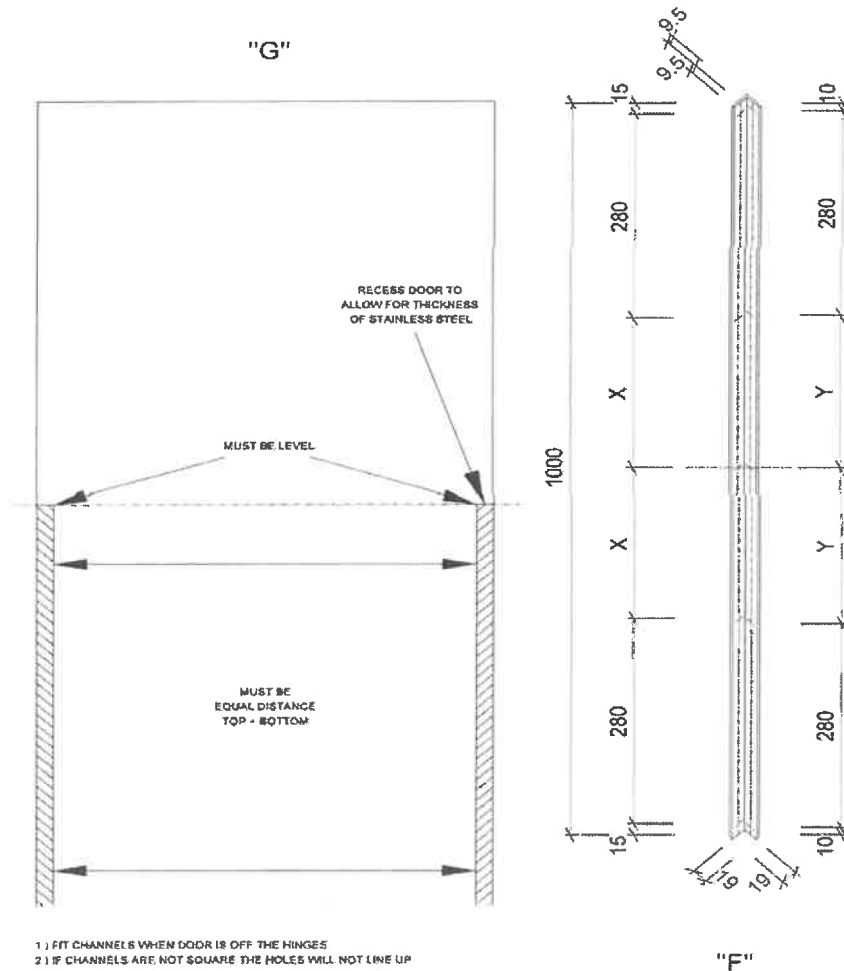
CAPE TOWN • JOHANNESBURG • PINETOWN • PORT ELIZABETH

Print Date :	Drawing Description:	Rev. nr. :	Job nr. :	Pages :
05-May-20	100-L - DOOR PROTECTION	R00	WCS 036745	7



STAINLESS STEEL

SUPPLIERS OF STAINLESS STEEL MATERIAL AND FITTINGS
 NATIONAL DAIRY EQUIPMENT (PT) LTD Reg. No. 18060130907 6 HESKETH ROAD, WESTMEAD, PINETOWN, SOUTH AFRICA
 PO BOX 15275 WESTMEAD, 2008 TELEPHONE (031) 709544 TELEFAX (031) 703246



DIRECTORS: M.J. CAMPBELL, B. Coom, H. De Aco, W. de CA (SA) Managing, V.J. DAVIS, I. N. DOLLMAN, O.G. FRANZ, L. MOOLEY
 CAPE TOWN • JOHANNESBURG • PINETOWN • PORT ELIZABETH

Aluminium Louvre Door and Fixed Panel Preambles:

Manufacturer:

Purpose Made Aluminium frame and louvre as by Sheerline (011-873 0880) to suit required site specific wind load. All to AAAMSA Standards and Architects approval.

Louvre frame description:

Purpose Made Aluminium frame (Sheersash 36 / Sheerfront clip 15) in configuration as shown, complete with wool piles all-round to ensure a dust proof seal. Waterproof frame surround and joints with an approved soft seal. All to AAAMSA Standards and Architects approval.

Louvre specifications:

MLV01 Y-Louvre blade and spacers, complete with vermin proofing.
All to comply with National building regulations.

Frame/ Louvre finish:

Polyester powder coated (50 - 100µ thick)

GENERAL NOTES:

1. All dimensions to be controlled on site prior to any manufacturing.
2. Frame to be sealed watertight with an approved UV sterilized soft sealant all-round.
3. Shop drawings and sample to be approved by Architect prior to any Manufacturing.
4. Workmanship, casement sizes, louvre type and frame finish - All to be certified by AAAMSA.
5. All louvre drawings must be read in conjunction with Louvre Detail drawing.

DRAWING DESCRIPTION:

SCALE:

ALUMINIUM LOUVRE DOOR & FIXED PANEL PREAMBLES

NTS

COPYRIGHT

PROJECT TITLE

BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R

PROJECT:	WCS 036745	REV. NO	DET. NO
DRAWN:	CVDW /	R00 14-Jan-14	25500-070-100
DATE:			
ISSUED:	15 May 20		

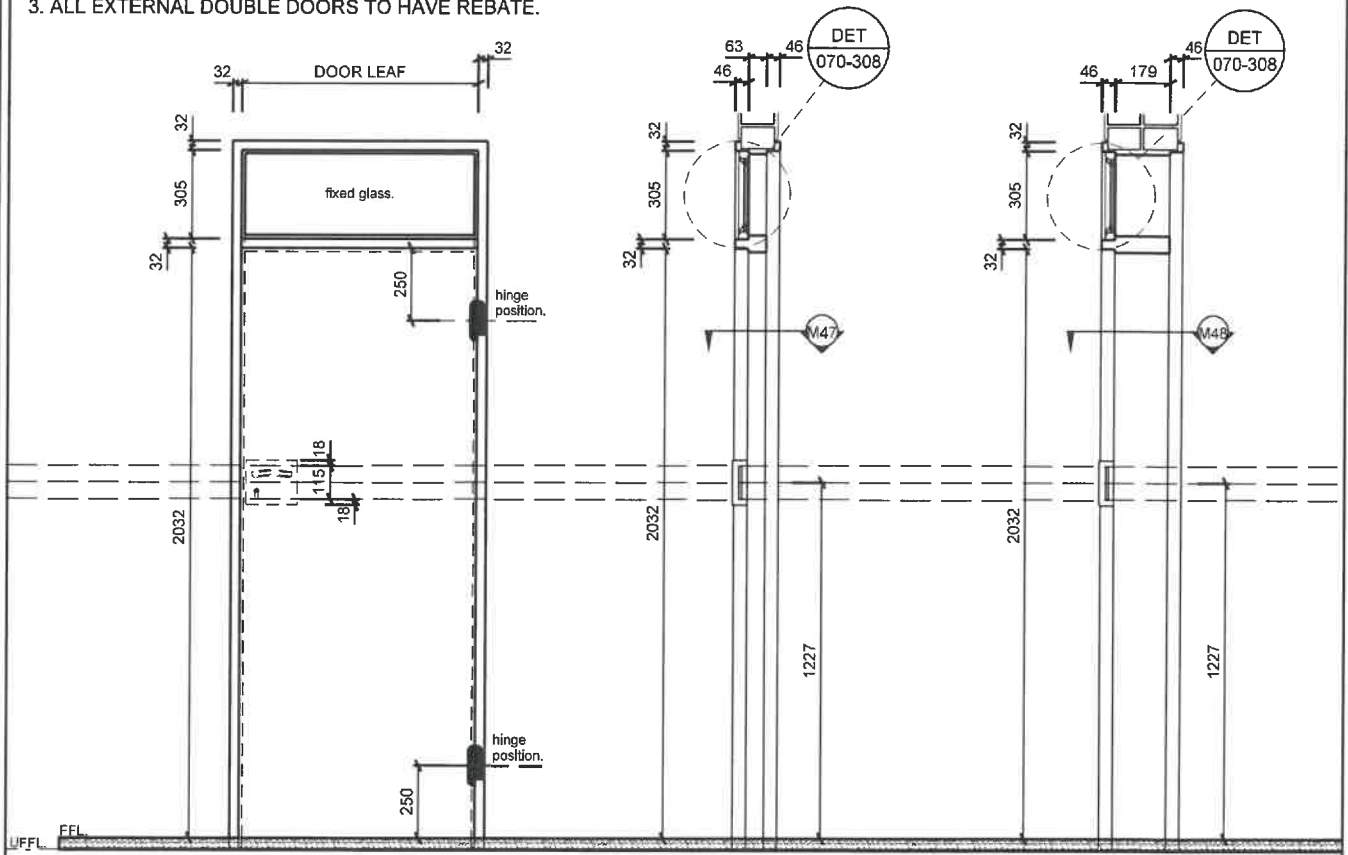
Bartsch

BARTSCH CONSULT (Pty) Ltd

HARRISMITH: Tel: 058 6223471, Fax: 058 623 0844,
E-mail: bartsch@dorea.co.za, P.O.Box 762, 9880

NOTE : REBATE ON DOORS

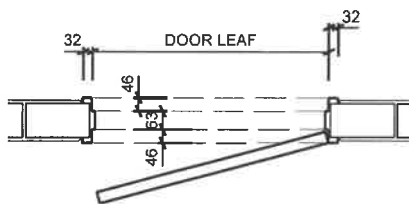
1. ALL INTERNAL AND EXTERNAL SINGLE DOORS TO HAVE NO REBATE.
2. ALL INTERNAL DOUBLE DOORS TO HAVE NO REBATE.
3. ALL EXTERNAL DOUBLE DOORS TO HAVE REBATE.



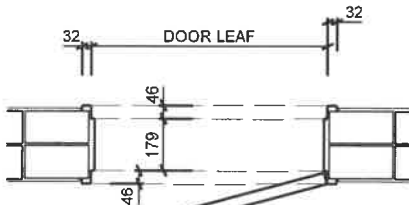
TYPICAL ELEVATION

M47 - TYPICAL SECTION

M48 - TYPICAL SECTION



M47 - SINGLE DOOR FRAME (115mm)



M48 - SINGLE DOOR FRAME (230mm)

DRAWING DESCRIPTION:

SCALE:

**"STANDARD SINGLE DOOR FRAME DETAIL
M47 & M48 WITH FANLIGHT. "**

NTS

COPYRIGHT

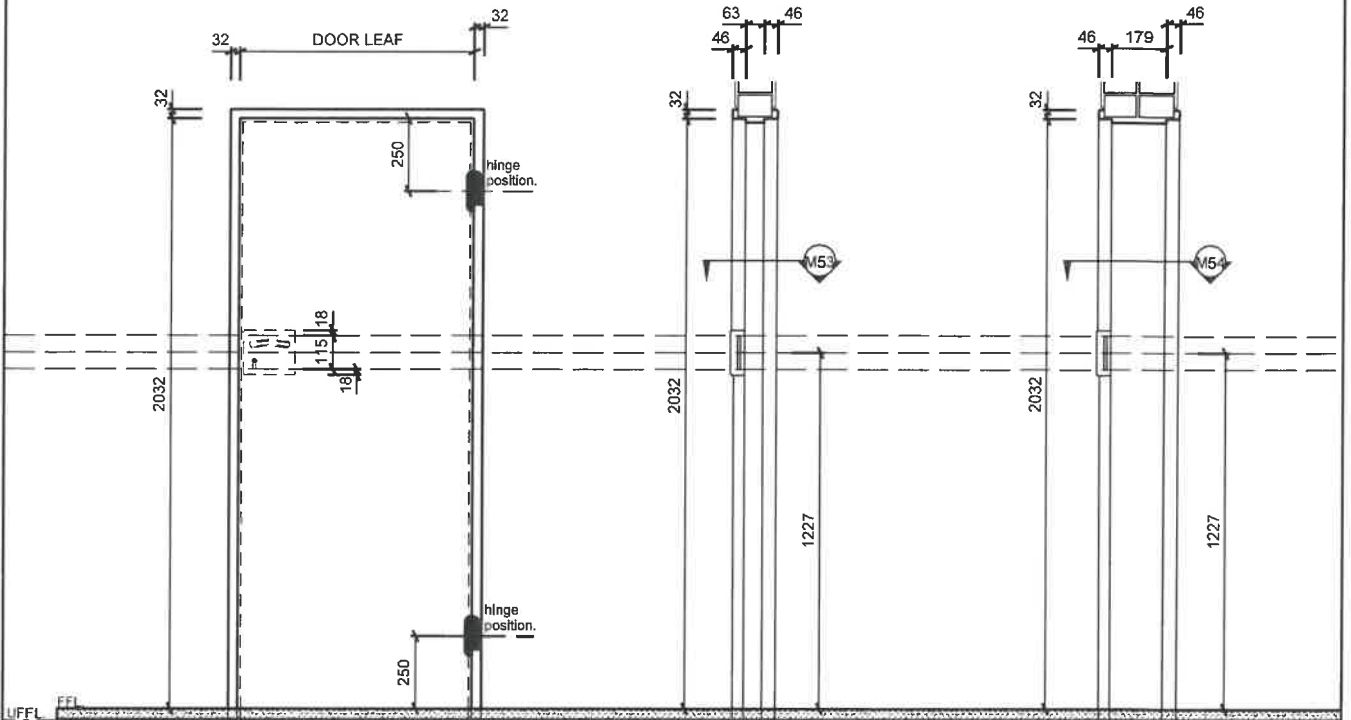
PROJECT TITLE			
BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R			
PROJECT:	WCS 036745	REV. NO	DET. NO
DRAWN:	/	R00 4-May-20	25500-070-227
DATE:			
ISSUED:	5 May 20		

Bartsch
BARTSCH CONSULT (Pty) Ltd

HARRISMITH: Tel: 058 6223471, Fax: 058 623 0844,
E-mail: bartsch@dorea.co.za, P.O.Box 762, 9880

NOTE : REBATE ON DOORS

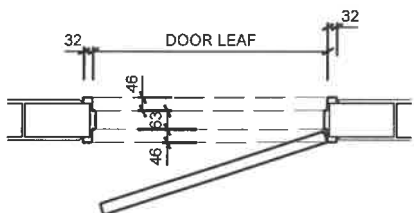
1. ALL INTERNAL AND EXTERNAL SINGLE DOORS TO HAVE NO REBATE.
2. ALL INTERNAL DOUBLE DOORS TO HAVE NO REBATE.
3. ALL EXTERNAL DOUBLE DOORS TO HAVE REBATE.



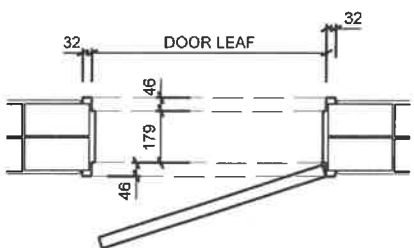
TYPICAL ELEVATION

M53 - TYPICAL SECTION

M54 - TYPICAL SECTION



M53 - SINGLE DOOR FRAME (115mm)



M54 - SINGLE DOOR FRAME (230mm)

DRAWING DESCRIPTION:

**"STANDARD SINGLE DOOR FRAME DETAIL
M53 & M54 WITHOUT FANLIGHT."**

SCALE:

NTS

COPYRIGHT

PROJECT TITLE			
BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R			
PROJECT:	WCS 036745	REV. NO	DET. NO
DRAWN:	/	R00 4-May-20	25500-070-230
DATE:			
ISSUED:	5 May 20		

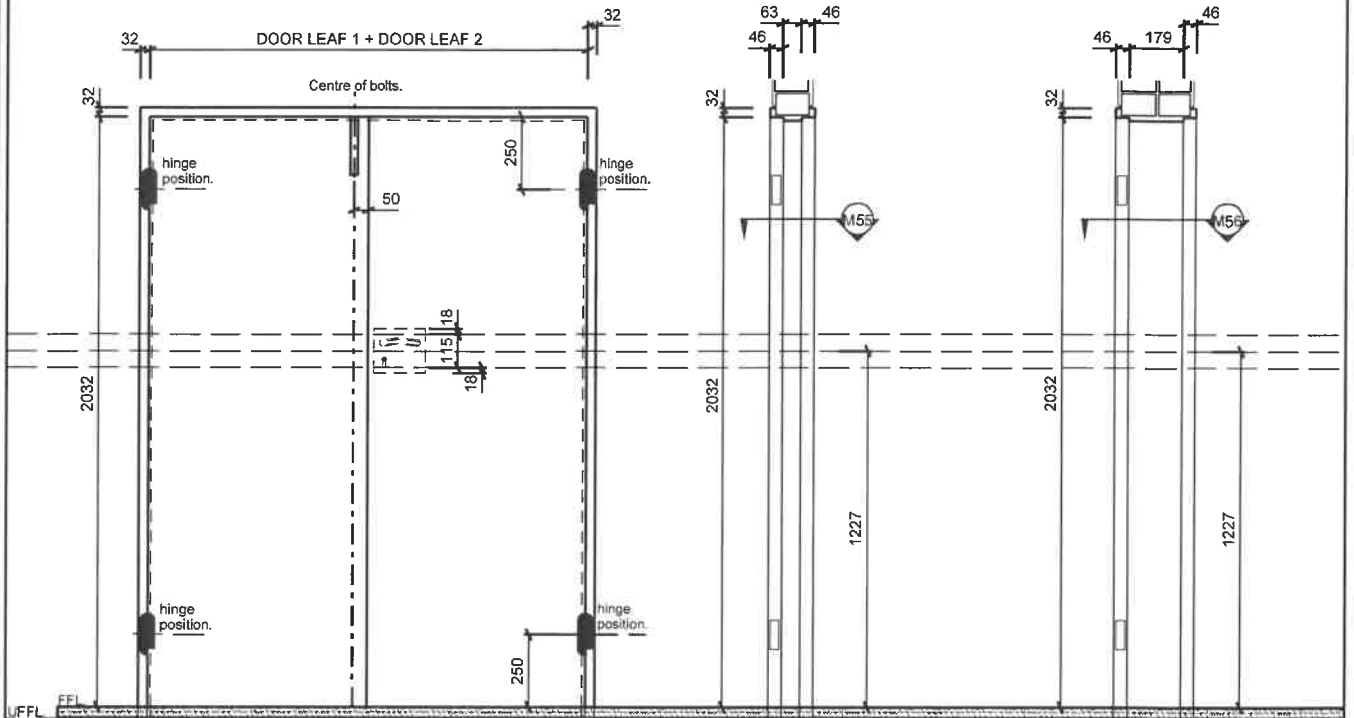
Bartsch

BARTSCH CONSULT (Pty) Ltd

HARRISMITH: Tel: 058 6223471, Fax: 058 623 0844,
E-mail: bartsch@dorea.co.za, P.O.Box 762, 9880

NOTE : REBATE ON DOORS

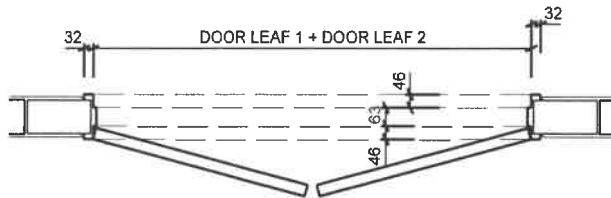
1. ALL INTERNAL AND EXTERNAL SINGLE DOORS TO HAVE NO REBATE.
2. ALL INTERNAL DOUBLE DOORS TO HAVE NO REBATE.
3. ALL EXTERNAL DOUBLE DOORS TO HAVE REBATE.



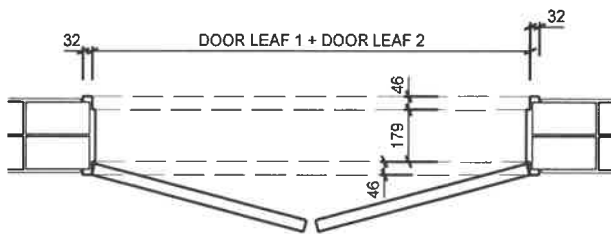
TYPICAL ELEVATION

M55 - TYPICAL SECTION

M56 - TYPICAL SECTION



M55 - DOUBLE DOOR FRAME (115mm)



M56 - DOUBLE DOOR FRAME (230mm)

DRAWING DESCRIPTION:

**"STANDARD DOUBLE DOOR FRAME DETAIL
M55 & M56 WITHOUT FANLIGHT. "**

SCALE:

NTS

COPYRIGHT

PROJECT TITLE			
BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R			
PROJECT:	WCS 036745	REV. NO	DET. NO
DRAWN:	/	R00 4-May-20	25500-070-231
DATE:			
ISSUED:	5 May 20		

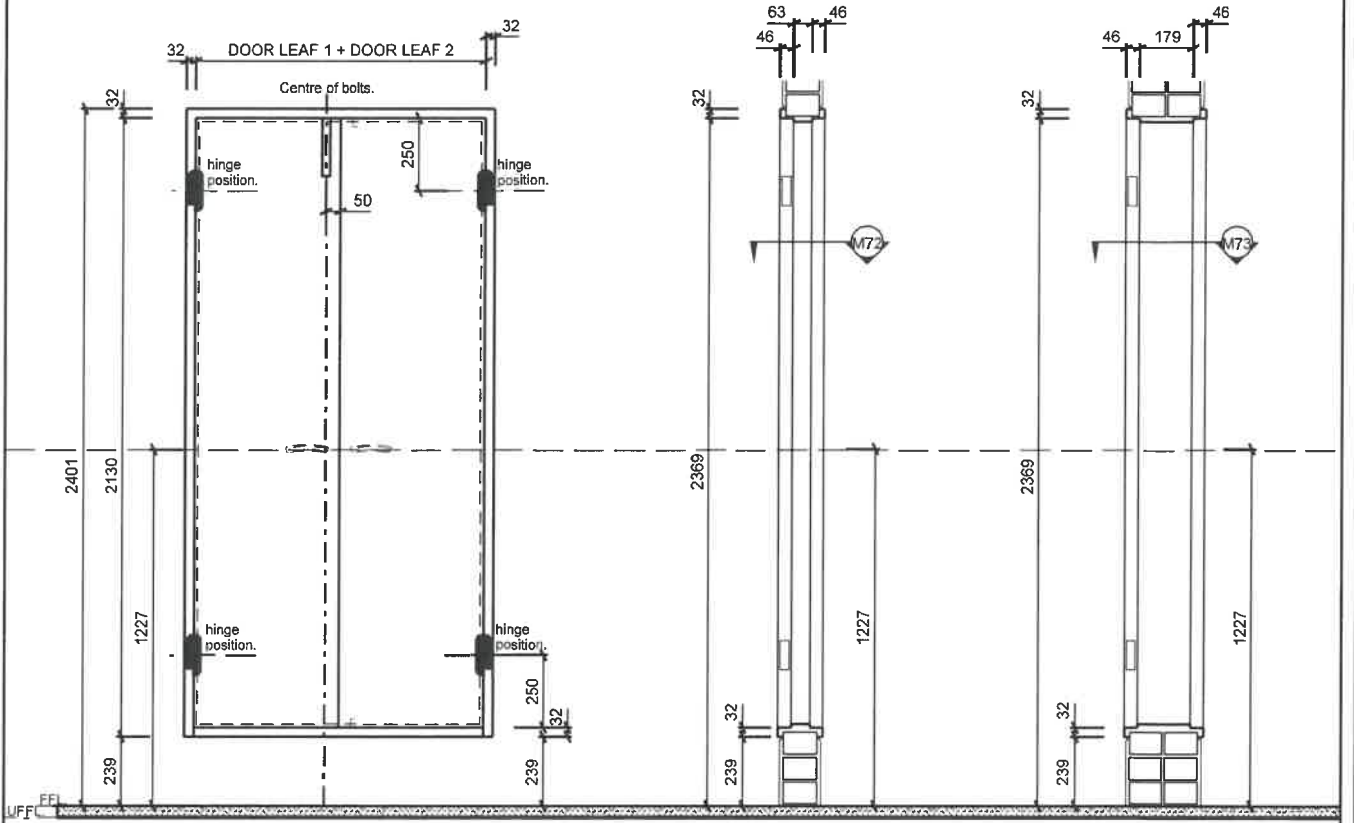
Bartsch

BARTSCH CONSULT (Pty) Ltd

HARRISMITH: Tel: 058 6223471, Fax: 058 623 0844,
E-mail: bartsch@dorea.co.za, P.O.Box 762, 9880

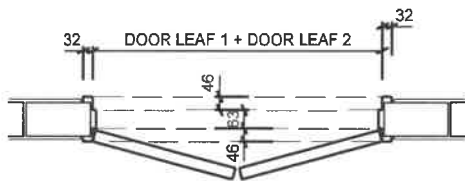
NOTE : REBATE ON DOORS

1. ALL INTERNAL AND EXTERNAL SINGLE DOORS TO HAVE NO REBATE.
2. ALL INTERNAL DOUBLE DOORS TO HAVE NO REBATE.
3. ALL EXTERNAL DOUBLE DOORS TO HAVE REBATE.

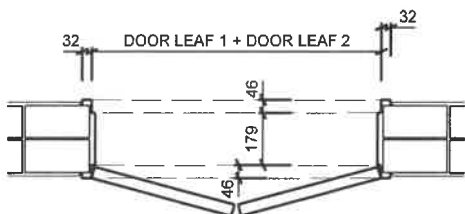


TYPICAL ELEVATION

M72 - TYPICAL SECTION M73 - TYPICAL SECTION



M72 - DOUBLE DOOR FRAME (115mm)



M73 - DOUBLE DOOR FRAME (230mm)

DRAWING DESCRIPTION:

SCALE:

**"STANDARD DUCT DOUBLE DOOR FRAME DETAIL
M72 & M73 "**

NTS

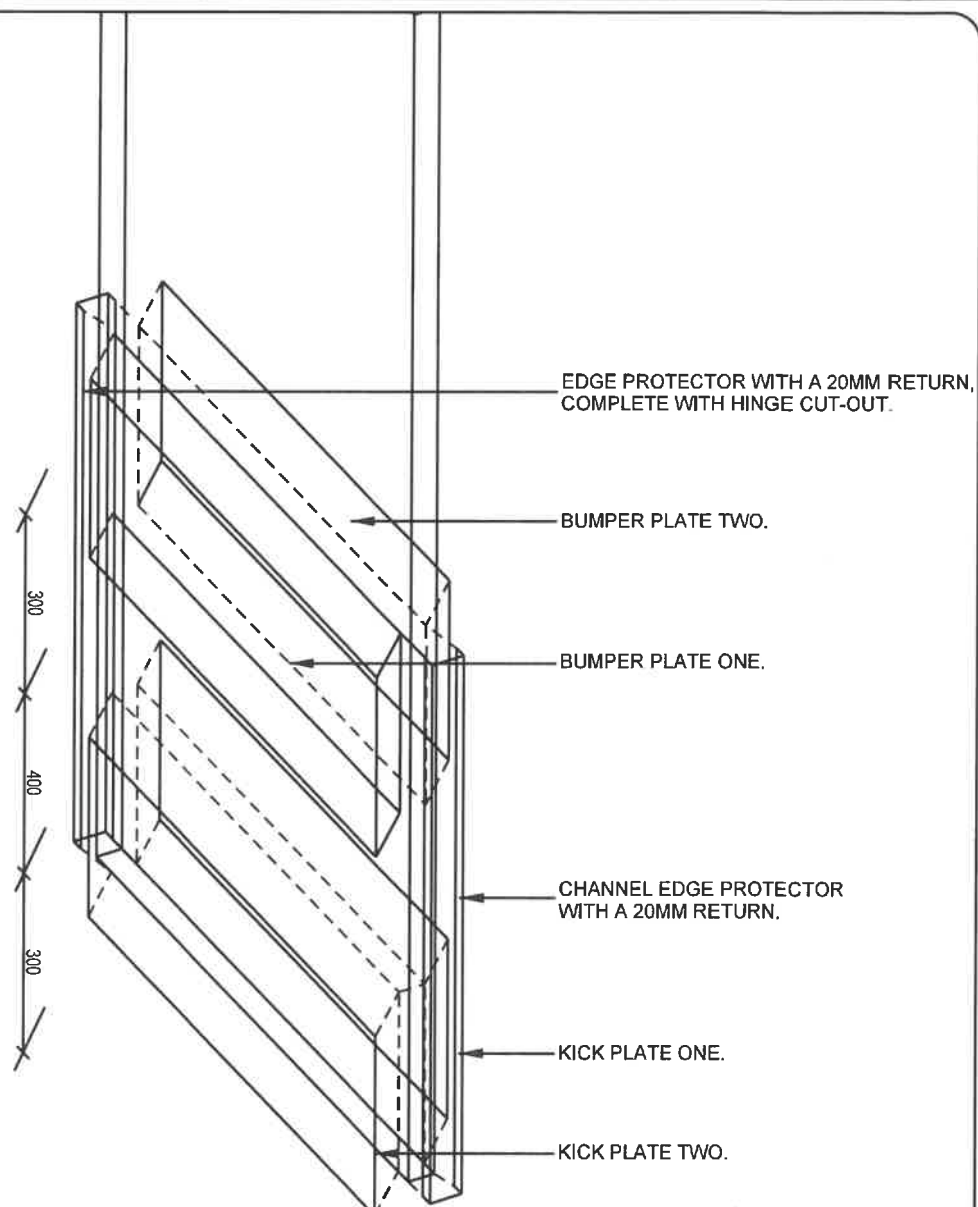
COPYRIGHT

PROJECT TITLE			
BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R			
PROJECT:	WCS 036745	REV. NO	DET. NO
DRAWN:	/	R00 4-May-20	25500-070-243
DATE:			
ISSUED:	5 May 20		

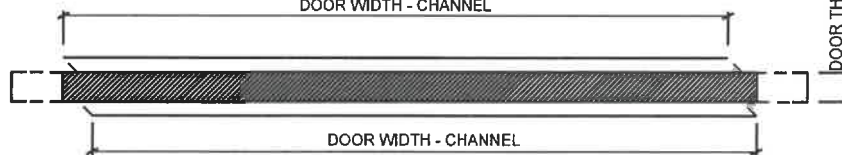
Bartsch

BARTSCH CONSULT (Pty) Ltd

HARRISMITH: Tel: 058 6223471, Fax: 058 623 0844,
E-mail: bartsch@dorea.co.za, P.O.Box 762, 9880



PROTECTION PLATE TYPE A: (SINGLE AND DOUBLE DOORS LEAF WITHOUT REBATE).
ELEVATION 1:10
DOOR WIDTH - CHANNEL



PROTECTION PLATE TYPE A: (SINGLE AND DOUBLE DOORS LEAF WITHOUT REBATE).
PLAN 1:10

NOTE: THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DOOR PROTECTION PREAMBLES, DRAWING NO. 100-L.

DRAWING DESCRIPTION:

SCALE:

DP-A - DOOR PROTECTION A

NTS

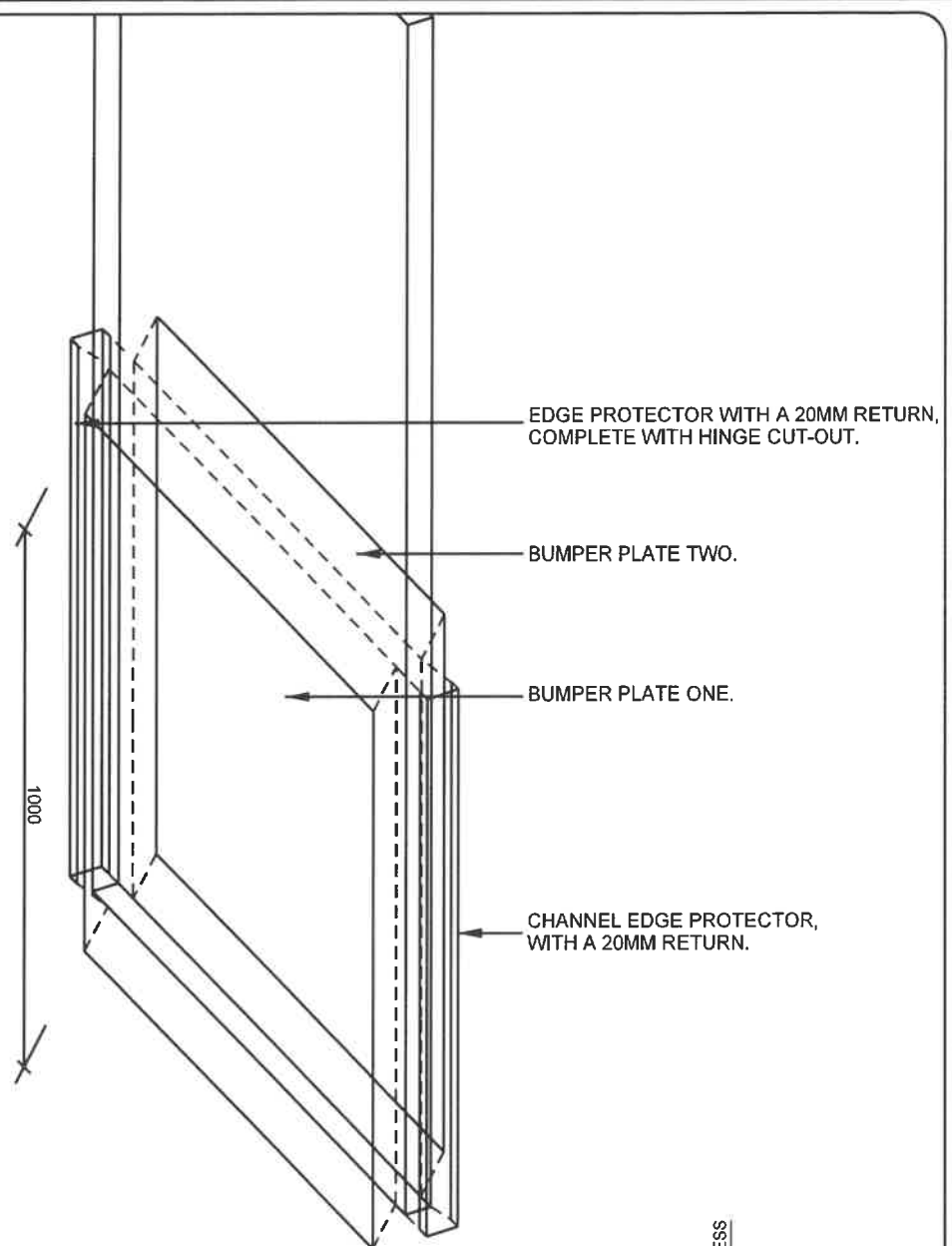
COPYRIGHT

PROJECT TITLE			
BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R			
PROJECT:	WCS 036745	REV. NO	DET. NO
DRAWN:	/	R00 4-May-20	25500-070-251
DATE:			
ISSUED:	5 May 20		

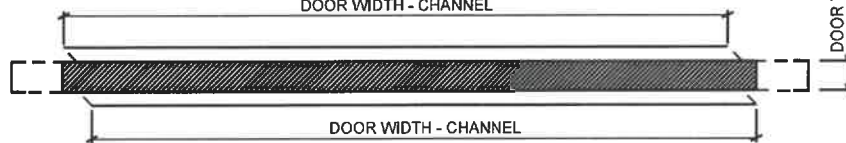
Bartsch

BARTSCH CONSULT (Pty) Ltd

HARRISMITH: Tel: 058 6223471, Fax: 058 623 0844,
E-mail: bartsch@dorea.co.za, P.O.Box 762, 9880



PROTECTION PLATE TYPE D: (SINGLE AND DOUBLE DOORS LEAF WITHOUT REBATE).
ELEVATION 1:10
DOOR WIDTH - CHANNEL



PROTECTION PLATE TYPE D: (SINGLE AND DOUBLE DOORS LEAF WITHOUT REBATE).
PLAN 1:10

NOTE: THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DOOR PROTECTION PREAMBLES, DRAWING NO. 100-L.

DRAWING DESCRIPTION:

SCALE:

DP-D - DOOR PROTECTION D

NTS

COPYRIGHT

PROJECT TITLE			
BERGVILLE JUSTICE - COMPLETE UPGRADING INCLUDING R & R			
PROJECT:	WCS 036745	REV. NO	DET. NO
DRAWN:	/	R00	25500-070-254
DATE:		4-May-20	
ISSUED:	5 May 20		

Bartsch

BARTSCH CONSULT (Pty) Ltd

HARRISMITH: Tel: 058 6223471, Fax: 058 623 0844,
E-mail: bartsch@dorea.co.za, P.O.Box 762, 9880