

Light is really the source of all being...
all materials in nature are made of light
which has been spent, and this crumpled
mass called material casts a shadow, and
the shadow belongs to light.
Louis Kahn

Mechanical Engineering
Lighting Design
Sustainable Design
Electrical Engineering

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NORTH SYDNEY NSW 2060

STEENSEN VARMING

Att. Elizabeth Creswell

Response to: "Western Façade should have additional external sun shading"

Sydney December 17, 2021

The building façade must balance the priorities for daylight, solar ingress, thermal performance, natural ventilation, and glare control among other competing factors.

Ben Jones
Associate Director

It is acknowledged that the proposed shading on the Western façade could be more effective, however, vertical shading (unless angled and of a reasonable size) will be of limited performance, due to the high extent of changes in the altitude and azimuth of the sun's position.

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Large shading devices which would effectively shade the Western façade are likely to compromise good levels of daylight, views, and ventilation. As such, the proposed solution was to:

- 1) Increase the glazing performance on the West from a purely compliant (NCC 2019) SHGC of greater than 0.6, to an SHGC of approx 0.5 (final values to be confirmed)
- 2) To avoid unwanted thermal loads (conduction and solar) and glare concerns, the recommendation for the glazing percentage (window to wall ratio) on the East and West façades, was to be in the order of 25-35%. The initial concept proposed 45%, this has subsequently been reduced to 23%.

Daylight studies have confirmed that with the proposed glazing ratio on the West (23%), the classrooms achieve good levels of daylight (160 lux over 80% of the time in 40% of the nominated areas), as per the EFSG requirements. Sun studies have been undertaken to assess the impact of the sun on the Western façade. When the shading is not effective, blinds will assist for the remaining hours of the school day (up to 15:30).

Kind regards



Ben Jones
Associate Director

Mica Micillo

From: Tamara Podgorsek <tamara.podgorsek@nbsrarchitecture.com>
Sent: Tuesday, 26 October 2021 12:40 PM
To: Mica Micillo
Cc: James Kim; Paulo Ruiz
Subject: RE: Liverpool School - Glazing specification
Attachments: Technical Manual_AGS-400Narrowline_Capral_acoustic.pdf; Technical Manual_AGS-225DoorSeries_Capral_acoustic.pdf; Design Manual.pdf; NLPS-AR-DRG-1000 - OVERALL PLANS REVIEW_glazing_tp.pdf

Hi Mica,

Please find attached spec for your information.

We would like to specify **Comfort plus Neutral** in Varying thicknesses throughout the project- please see attached markup. Please note that even if the floor plan is marked up as 10.38, where the glazed louvres are specified, we will need to downgrade to 10.38 mm Laminated Comfort plus Neutral at the Glazed louvre frames can't take glazing thicker than 10.5mm.

We are using Capral Narrowline 400 with 10.38 and 6.38 laminated glass.
And the Capral 225 doors with 10.38 and 6.38 laminated glass.
For the louvered windows we will be using Safetyline Jalousie with 6.38mm thick glazing.

Please see the excerpt below re glazed louvres,

Total performance U-Value and SHGC calculation to AFRC Lab conditions (WERS).

An analysis has been undertaken to assess the overall thermal performance of the Safetyline Jalousie, JX louvre system. The analysis was undertaken with THERM 6.3, the Australian fenestration rating council (AFRC) total U-value and total solar heat gain coefficient (SHGC) of the vision panels has been calculated based on actual sizes.



Product	Panel Size (H x W)	Glazing	U-Value	SHGC	Air In
JX	1400x2700	6mm Clear Toughened	6.7	0.49	0.12
JX	1400x2700	6.38mm Clear laminate	6.6	0.46	0.12
JX	1400x2700	6.38mm Grey Laminate	6.6	0.36	0.12
JX	1400x2700	6.38mm Comfortplus Clear	5.4	0.40	0.12
JX	1400x2700	6.38mm Comfortplus Neutral	5.4	0.31	0.12
JX	1400x2700	6.38mm Comfortplus Grey	5.4	0.30	0.12

And for the Capral Products.

Capral Narowline 400 framing- Commercial Single glazed & Capral 225 Doors- Single glazed in Narrowline 400 as per WERS Website- please review and confirm the below

<u>CAP-062-Capral 400</u>	<u>6.38CPNtl</u>	<u>34%</u>	<u>46%</u>	<u>4.2</u>
<u>14</u>	<u>Narrowline...</u>			
<u>CAP-062-Capral 400</u>				

<u>CAP-062-34</u>	<u>Capral 400 Narrowline...</u>	<u>1038CPNtl</u>	35%	48%	4.1	0.4
<u>CAP-518-09</u>	<u>Capral 225 Hinged Door, Open...</u>	<u>10.38CPNtl</u>	23%	54%	4.5	0.33
<u>CAP-518-14</u>	<u>Capral 225 Hinged Door, Open...</u>	<u>6.38CPNtl</u>	23%	52%	4.6	0.35

Kind regards

Tamara Podgorsek
Senior Architectural Graduate

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From: James Kim <james.kim@nbrsarchitecture.com>
Sent: Tuesday, 26 October 2021 10:58 AM
To: Tamara Podgorsek <tamara.podgorsek@nbrsarchitecture.com>
Cc: Mica Micillo <mica.micillo@steensenvarming.com>
Subject: re: Liverpool School - Glazing specification

Good morning Tamara

Could you please send through glazing specification to Mica from SV?

Mica, I believe there are 2 x different types @ Liverpool school , Fixed and louvres. Please refer to elevations for exact location

Regards

James

James Kim

Principal | Registered Architect NSW No. 9862

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Nominated Architect: Andrew Duffin NSW 5602.

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ARCH. TECHNICAL REFERENCE SHEET

New Liverpool Public School

Forbes Street Liverpool

Project number: 21385

Contract Number: SINSW01404/20

NOTE: Items left blank are to be resolved in future design phases

Document Control:

Issue No.	Description	Date	Issued By
1	70% draft Issue	27.10.2021	JK
2	90%DD Issue	30.11.2021	JK

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Nominated Architects
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Please note:

Substituted approved alternatives: Note all proprietary items specified in this T-sheet may be substituted for equal alternative.

This T-sheet is to be read in conjunction with Greenstar, JV3 and Acoustic reports.

All specified materials to comply with minimum requirements outlined in these reports.

ABBREVIATIONS LIST

Project number: 21385: New Liverpool Public School

Liverpool West Public School

CAT	KN	KN NAME
		GENERAL ABBREVIATIONS
ABV	ABS	ABS Strip
ABV	AC	Air conditioning - Refer to ENG. DOCUMENTATION
ABV	ADJ	Adjustable
ABV	AN	Anodised
ABV	AL	Aluminium
ABV	AP	Access Panel
ABV	APPROX	Approximately
ABV	AW	Awning Window
ABV	BHD	Bulkhead
ABV	CAG	Cable Grommet
ABV	CFW	Continuous fillet weld
ABV	CG	Corner Guard
ABV	CI	Cast in
ABV	CJ	Construction joint
ABV	CL	Centreline
ABV	CO	Clean out
ABV	COL	Column
ABV	COM	Communications - Refer to ENG. DOCUMENTATION
ABV	CP	Cover panel
ABV	CSK	Countersunk
ABV	CWS	Cold water service
ABV	DATA	Data Point - Refer to ENG. DOCUMENTATION
ABV	DD	Dish Drain - Refer to ENG. DOCUMENTATION
ABV	DDATA	Double Data Point - Refer to ENG. DOCUMENTATION
ABV	DGPO	Double GPO - Refer to ENG. DOCUMENTATION
ABV	DH	Door handle
ABV	DIA	Diameter
ABV	DIM	Dimension
ABV	DJ	Dowel joint
ABV	DL	Downlight
ABV	DST	Door stop
ABV	EA	Exhaust Air
ABV	EDB	Electrical distribution board - Refer to ENG. DOCUMENTATION
ABV	EJ	Expansion joint
ABV	ELEC	Electrical
ABV	ENS	Ensuite
ABV	EQ	Equal
ABV	EX	Existing
ABV	FCL	Finished ceiling level
ABV	FE	Fire extinguisher
ABV	FFL	Finished floor level
ABV	FH	Fire hydrant - Refer to ENG. DOCUMENTATION

Liverpool West Public School

CAT	KN	KN NAME
ABV	FHR	Fire hose reel - Refer to ENG. DOCUMENTATION
ABV	FIP	Fire indicator panel - Refer to ENG. DOCUMENTATION
ABV	FK	Flush Kerb
ABV	FLB	Floor box for power or data outlet - Refer to ENG. DOCUMENTATION
ABV	FG	Fixed glass
ABV	FP	Fixing point
ABV	FR	Fire rated
ABV	FRL	Fire resistance level
ABV	GAL	galvanised
ABV	GPO	General power outlet (single) - Refer to ENG. DOCUMENTATION
ABV	HDG	Hot dipped galvanised
ABV	HT	Hose tap
ABV	HTR	Heater - Refer to ENG. DOCUMENTATION
ABV	HWS	Hot water service- Refer to ENG. DOCUMENTATION
ABV	HWU	Hot water unit - Refer to ENG. DOCUMENTATION
ABV	HYD	Hydraulic
ABV	K+G	Concrete kerb and gutter - Refer to ENG. DOCUMENTATION
ABV	KB	Concrete kerb - Refer to ENG. DOCUMENTATION
ABV	KJ	Key joint
ABV	LCK	Lock
ABV	LH	Left hand
ABV	LL	Linear Light Fitting
ABV	M/EX	Mechanical exhaust - Refer to ENG. DOCUMENTATION
ABV	M/IN	Mechanical air intake - Refer to ENG. DOCUMENTATION
ABV	M/RA	Mechanical return air - Refer to ENG. DOCUMENTATION
ABV	M/RE	Mechanical relief air - Refer to ENG. DOCUMENTATION
ABV	MD	Mechanical duct
ABV	MDF	Medium density fibreboard
ABV	MECH	Mechanical
ABV	MIN	Minimum
ABV	MISC	Miscellaneous
ABV	MJ	Movement joint
ABV	MSB	Main switch board - Refer to ENG. DOCUMENTATION
ABV	NOM	Nominal
ABV	NTS	Not to scale
ABV	OPNG	Opening
ABV	PENO	Penetration
ABV	PC	Powdercoat
ABV	PF	Post fixed
ABV	PL	Panel Light
ABV	PM01+TB01	SARKING - NON COMBUSTIBLE + THERMAL BREAK - R0.2 - NON COMBUSTIBLE
ABV	PLU	Polyurethane
ABV	PRELIM	Preliminary
ABV	RA	Return Air
ABV	RAD	Radius
ABV	RCF	Roof cowl fan - Refer to ENG. DOCUMENTATION
ABV	REN	RENDER FINISH

Liverpool West Public School

CAT	KN	KN NAME
ABV	REQ	Required
ABV	RH	Right hand
ABV	RL	Reduced level
ABV	RM	Room
ABV	RSH	Roof springing height
ABV	RVG	Roof Ventilation Grill
ABV	RW	Retaining wall - Refer to ENG. DOCUMENTATION
ABV	SA	Supply Air
ABV	SAR	Sarking
ABV	SCR	Security card reader - Refer to ENG. DOCUMENTATION
ABV	SEC	Security systems - Refer to ENG. DOCUMENTATION
ABV	SFL	Structural floor level
ABV	SGN	Sign
ABV	SIM	Similar
ABV	SJ	Sawn joint
ABV	SOU	Sole occupancy unit
ABV	SL	Sliding glass
ABV	SP	Spandrel panel
ABV	SS	Stainless steel
ABV	SSS	Satin finished stainless steel
ABV	STR	Storage
ABV	TBC	To be confirmed
ABV	TMV	Thermostatic mixing valve - Refer to ENG. DOCUMENTATION
ABV	TOK	Top of kerb
ABV	TOW	Top of wall
ABV	TWS	Tempered water service - Refer to ENG. DOCUMENTATION
ABV	TYP	Typical
ABV	U/S	Underside
ABV	UC	Undercut
ABV	VG	Valley Gutter
ABV	VOS	Verify on site
ABV	VP	Vent Pipe
ABV	WCF	Water closet flush
DOOR SCHEDULE ABBREVIATIONS		
DOORS	AC01	Acoustic door Type 01
DOORS	ADF01	Aluminium door frame Type 01
DOORS	ALBF	Aluminium folding door
DOORS	ALSL	Aluminium sliding door
DOORS	DF01	Door frame Type 01
DOORS	DFL	Door fixing parrot latch
DOORS	DG	Door grille
DOORS	DS01	Door seal Type 01
DOORS	DT01	Door Type 01
DOORS	EXIT	Exit doorway
DOORS	FD01	Fire door Type 01

Liverpool West Public School

CAT	KN	KN NAME
DOORS	FGP	Frameless glass pivot door
DOORS	FGSL	Frameless glass sliding door
DOORS	FOD01	Folding glazed overhead door Type 01
DOORS	GL01	Glass Type 01
DOORS	GLDC	Clear glazed
DOORS	GSL	Sliding gate
DOORS	GSW	Swing gate
DOORS	HC01	Hollow core door Type 01
DOORS	JD01	Timber framed joinery door Type 01
DOORS	KP	Kick plate
DOORS	OH	Overhead door
DOORS	OPW	Operable wall
DOORS	OPW01	Operable wall Type 01
DOORS	RS01	Roller shutter Type 01
DOORS	SCP	Satin chrome plate
DOORS	SC01	Solid core door Type 01
DOORS	SD	Smoke door
DOORS	SF01	Steel door frame Type 01
DOORS	SUN01	Sunhood around windows Type 01
DOORS	TFR	Timber door frame
DOORS	V01	Vision panel Type 01
DOORS	ALV01	Aluminium louvre door Type 01
DOORS	BF	Bifold door
DOORS	SDF01	Steel Frame door
		GENERAL NOTES
NOTES	Note 1	Line of roof above
NOTES	Note 2	Line of building above
NOTES	Note 3	Refer to landscape documentation package
NOTES	Note 4	Step down in slab
NOTES	Note 5	
NOTES	Note 6	

SELECTIONS SCHEDULE

Project number: 21385: New Liverpool Public School
New Liverpool Public School

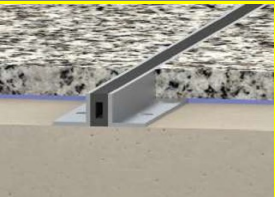
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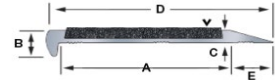
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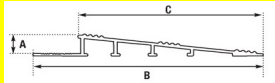
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All specified materials to comply with minimum requirements outlined in these reports.

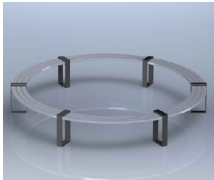
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
01: GENERAL							
01: GENERAL	LBX	LETTER BOX	191 - Sundry Items	Type Proprietary metal letter box with corrosion resistant, weatherproof body, weather protected letter slot, lockable-hinged door, school street number or identification, and accessories necessary for correct installation. Standard: To AS/NZS 4253. Aperture (minimum): The minimum size of the aperture for receiving mail to be 330 x 30mm (AS/NZS 4253). Opening: Rear opening with built in key locking system Size, minimum internal space: 390 x 230 deep x 160mm high Height: Positioned so that the aperture is between 900mm and 1200mm above finished ground/pavement level (AS/NZS 4253). Confirm exact height with Principal's authorised person. Keys Provide a minimum of 2 keys Hand keys to the Principal's Authorised Person / Principal's Representative prior to completion.		2	Y
01: GENERAL	CJT	TILE CONTROL JOINT STRIP	0191 - Sundry Items	Location: Control joint between single and two storey elements Tiled area bays: - o "stress-relieving joints" in internal tile work at 8 to 10 metre centres and in external tiled pavements at centres of approximately 4.5 metre, provide mark-up of suggested locations - o External paving bays reduced to: 3.0 x 3.0 metres - o If increased bay sizes are required, use 12mm Loe Strip - o Confirm control joint spacing with tile supplier Not to be used over main construction joints where major movement may take place Avoid 3-way and 4-way butt joints TYPE: Latham Neoprene-X-Pansion Tile Strips, with 0.7mm folded stainless steel side plates; SIZE: 6mm wide, for internal applications; 12mm wide, for external applications COLOUR: Buff, Black or Grey neoprene. Confirm colour with Architect prior to ordering; TILE BED UNDER STRIP: Provide flexible polyethylene spacer through screed to concrete base		2	Y
01: GENERAL	MJ02	MOVEMENT JOINT - VINYL	0191 - Sundry Items	NAME: TREDSAFE TYPE: Expansion gap joint system for vinyl floors Code: DT025 Finish: Anodised aluminium in natural satin finish Adjacent Vinyl insert to be installed in the recess space - Supplied in 2.5m length		2	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
	MJ03	MOVEMENT JOINT - CARPET	0191 - Sundry Items	NAME: TREDSAFE TYPE: Expansion gap joint system for carpet floors. CODE: DT026 FINISH: Anodised aluminium in natural satin finish Adjacent carpet insert to be installed in the recess space - Supplied in 2.5m length		2	Y
01: GENERAL	STN01	STAIR NOSING TYPE 01	0191 - Sundry Items	Proprietary item: Latham AB-FA711ST Applied non-slip nosing to comply with AS1428.1. Aluminium Colour: All Black Aluminium or Clear Carborundum: Black Requirement: 30% luminance contrast adjacent finish		1	Y
01: GENERAL	TGSi01	TACTILE GROUND SURFACE INDICATOR	0191 - Sundry Items	Location: To the top and bottom of all stairs and ramps. Refer drawings. Standard: To AS 1428.4 1992 Spacing and extent: Generally provide an area 600mm wide x clear width of the stair or ramp to AS1428.1. Refer to drawings. Material: Stainless steel grade 316 Type: Individual Type B dot indicators with black carborundum infills Installation: Drilled and epoxy fixed into concrete at the base and top of the Stair or ramp. Install in accordance with the manufacturers recommended details Proprietary Item: Stainless steel indicators by DTAC Requirement: 30% luminance contrast adjacent finish		1	Y
01: GENERAL	TGSi02	TACTILE GROUND SURFACE INDICATOR	0191 - Sundry Items	Stainless steel button tactile indicators Type: NSSS10 Location: Refer to drawings Supplier: Walmay 1300 393 493		1	Y
01: GENERAL	TS01	TRANSITION STRIP TIMBER FLOORING TO CONCRETE OR CARPET	192 - Sundry Items	LOCATION: Carpet to vinyl joins DTA PRODUCT CODE: ACCP18.33MS; SIZE: 37mm x 4.3mm; FINISH: Silver (Clear anodised) ; FIXING: Seamless plug fixing Must comply with CL.7.4, AS 1428 .1		2	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
01: GENERAL	TS02	TRANSITION STRIP CARPET TO CONCRETE	193 - Sundry Items	LOCATION: Carpet to concrete transitions DTA PRODUCT CODE: ATSE3.0 74-08 (Confirm size with carpet thickness prior to ordering); SIZE: 74mm (visible) x 8mm (Confirm size with carpet thickness prior to ordering); FINISH: Matt Silver (Clear anodised); FIXING: Countersunk SS fixings at minimum 300mm centres and adhesive; Must comply with CL.7.4, AS 1428 ;	 	2	Y
01: GENERAL	TS03	TRANSITION STRIP VINYL TO CONCRETE OR CARPET	194 - Sundry Items	LOCATION: vinyl to concrete joints DTA PRODUCT CODE: AVR25.055 SIZE: 37mm x 5.5mm; FINISH: Matt Silver (Clear anodised) with non-slip finish; FIXING: Adhesive; Must comply with CL.7.4, AS 1428.1		2	Y
01: GENERAL	LAB01	LADDER BRACKET TYPE 01	0193 - Building access safety systems	Contractor to design, coordinate, supply and install to code		1	Y
01: GENERAL	LAD01	LADDER TYPE 01	0193 - Building access safety systems	Fixed ladder with retractable stiles/ handrail Contractor to design, coordinate, supply and install to code		1	Y
01: GENERAL	RAP01	ROOF ACCESS SAFETY SYSTEM TYPE 01	0193 - Building access safety systems	Contractor to design, coordinate, supply and install to code		1	Y
02: SITE, URBAN & OPEN							
02: SITE	PAV01	CONCRETE	0310 - Concrete Combined Paving - Concrete Civil Specification Anti-slip Sealant - 0181 ADHESIVES, SEALANTS AND FASTENERS	Location: Refer landscape drawings Cement Colour: Normal grey Finish: Broom finish concrete finish Sealer: Waterbased, non enhancing, penetrative sealer. Equilivent or equal to Penetrative clear CCS - Streetscape Sealer. Slip rating: Provide Laboratory-test results confirming finished concrete surface conforms to equivalent of P5 - R12 DIN standard slip-rating. Supplier: Hanson 02 9354 2600 www.hanson.com.au		1	Y
02: SITE	PAV02	BRICK PAVING	0274 - Concrete pavement	Location: Refer landscape drawings Product: Drivecon™ Permeable Concrete (allow min.125mm depth of Permeable Fine-aggregate concrete layer) Colour and Finish: PYPYRUS Oxide Slip rating: Provide Laboratory-test results confirming finished concrete surface conforms to equivalent of P5 - R12 DIN standard slip-rating. Supplier: Gunlake 1300 857 091 www.gunlake.com.au		1	Y
02: SITE	PAV03	COLOURED CONCRETE	0274 - Concrete pavement	Location: Refer landscape drawings Colour: CCS COBALT BLUE Finish: Broom Finish Sealer: Waterbased, non enhancing, penetrative sealer. Equilivent or equal to Penetrative clear CCS - Streetscape Sealer. Slip rating: Provide Laboratory-test results confirming finished concrete surface conforms to equivalent of P5 - R12 DIN standard slip-rating. Supplier: Coloured Concrete Systems 1800 077 744 www.concretcoloursystems.com.au		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
02: SITE	PAV04	PERMEABLE UNIT PAVER	0274 - Concrete pavement 0276 - Paving - sand bed	Location:Refer landscape drawings Product: HydroSTON 50 Dimension: 50 x 200 x 100mm Colour: 20% Sandstone, 30% Soapstone, 50% Light Grey Finish:Slip Resistance P5 Supplier:HydroCon (0)2 8303 2423 www.hydroston.com.au		1	Y
02: SITE	PAV05	PLEXIPAVE	0262 External sports and playground surfacing	Location:Refer landscape drawings PLEXIPAVE® surface Colour: Australian Open Blue Description: an acrylic, multi layer coating that provides a textured and durable coloured surface treatments Supplier: Court Craft 02 9763 2900 www.courtcraft.com.au		1	Y
02: SITE	PAV06	DECOMPOSED GRANITE		Location:Refer landscape drawings Product: Deco®-Gold Gravel Supplier: ANL landscape 13 14 58 www.anlandscape.com.au		1	Y
02: SITE	PAV07	SOFTFALL	0262 External sports and playground surfacing	Location:Refer landscape drawings Product: Rosehill TPV® rubber wetpour Colour: allow for two types of colour mixtures. Sealer: as per manufacturer's specification Slip rating: Provide Laboratory-test results confirming finished concrete surface conforms to equivalent of P5 - R12 DIN standard slip-rating. Supplier: Surface Designs 02 9986 2445 www surfacedesigns.com.au		1	Y
02: SITE	PAV08	SYNTHETIC TURF	0262 External sports and playground surfacing	Location:Refer landscape drawings Product: Classic Summer HD - 25mm Pile to allow for subsoil drainage and Linemarking turf in white coloured turf Supplier: SYNLawN 1300 796 529 www.synlawn.com.au		1	Y
02: SITE	PAV09	ASPHALT		REFER TO ENGINEERING DOCUMENTATION			
02: SITE	MU01	ORGANIC MULCH - FOR PLAY AREA	0262 External sports and playground surfacing	Location:Refer landscape drawings Product: Playground Mulch Non-toxic pine bark mulch to conforms to AS/NZS 4422. Free of stones and sharp objects Minimum depth 300mm. To allow for subsoil drainage, refer to Civil Details Supplier: ANL landscape www.anlandscape.com.au		1	

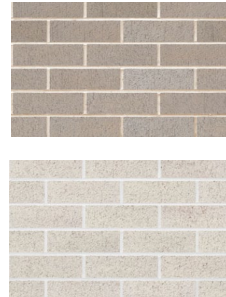
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
		02: SITE - FIXTURES					
02: SITE	BOL01	BOLLARD TYPE 01 - FIXED	0261 Landscape - furniture and fixtures	Type: Fixed Material: Medium duty steel tube C250 galvanised pipe Height: 900mm above FGL Size: 165mm OD x 5.4mm Finish: Galvanise then electrostatic powder coat Colour: Natural Requirements: -Seal free ends with fabricated end caps, spot welded and ground smooth. Base fixing: Insert into 500 x 500 x 600mm deep concrete footing. Prop. Item: "Sentinel" 150NB bollard. Supplier: Leda Security		1	Y
02: SITE	WST01	WHEELSTOP TYPE 01	0277 - Pavement Ancillaries	Type: Fixed concrete vehicle wheelstop to AS/NZS 2890.1 Material: Steel reinforced precast concrete Height: Nom. 100mm above FGL Size: 1650mm x 200 mm wide Base fixing: Secured with two spikes and bolts Installation: In accordance with AS/NZS 2890.1. Prop. Item: Pre-Cast Concrete Car Wheel Stop. Supplier EVERHARD INDUSTRIES or alternatively; Type: Fixed concrete vehicle wheelstop to AS/NZS 2890.1 Material: Solid moulded rubber Height: Nom. 100mm above FGL Size: 1650mm long Base fixing: To the manufacturer's standard details Prop. Item: Wheel Stop. Supplier SETON		1	Y
02: SITE	WT01a/b	INSTU CONCRETE RETAINING WALL	0241 - Walling and Edging	Location: Refer to Landscape Drawings Class 2 concrete: in accordance with AS 3610, and include the following; Surface finish: Class 2 formwork Colour control: Off white Surface face: Smooth with no blowholes. Dimensions: Refer Landscape details Reinforcement to Structural Engineers Documentation. Anti Graffiti coating: CCS Concrete Graffiti Guard or similar approved		1	Y
02: SITE	WT02	BRICK FREESTANDING WALL	0241 - Walling and Edging	Type: Double Brick Signage Wall Location: Refer to Landscape Drawings Brick Type: Standard Colour: Macarthur Mix Splits Size: 230 x 110 x 76mm Pattern: Stretcherbond Mortar/Joints: Light Grey, 10mm Footings: Concrete slab to engineers detail Supplier: PGH Bricks (13 15 79)		1	Y
02: SITE	ST01	INSITU CONCRETE STAIR	0310 - Concrete Combined Engineering Documentation	Class 2 (Special Class) concrete. The highest quality of concrete finish attainable in accordance with AS 3610, and include the following; Surface finish: Class 1 formwork Colour control: Class 1C grey scale concrete with a tonal range of 1 in accordance with AS 3610. Sealer: Waterbased, non enhancing, penetrative sealer. Equilivent or equal to Penetrative clear CCS - Streetscape Sealer. To comply with AS1428.1 Handrail and Balustrade to comply with AS1428.1 and EFSG		1	Y

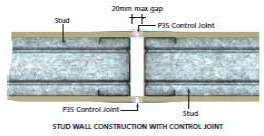
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
02: SITE	FX01	CIRCULAR SEATING BENCH	0261 Landscape - furniture and fixtures	Escola Slim Bench Curved Height: 300mm x 1500mm Radius Frame Finish: Powdercoated Steel Frame Colour: Monument Satin GP129A Batten Finish:Aluminium Woodgrain Spotted Gum Supplier: Street Furniture Australia		1	Y
02: SITE	FX02	STRAIGHT SEATING BENCH	0261 Landscape - furniture and fixtures	Escola Slim Bench Straight Height: 350mm x 1800mm Length Frame Finish: Powdercoated Steel Frame Colour: Monument Satin GP129A Batten Finish:Aluminium Woodgrain Spotted Gum Supplier: Street Furniture Australia		1	Y
02: SITE	FX03	SANDSTONE LOG [LONG]	0241 - Walling and Edging	Location: Refer to Landscape Drawings Size: 500 x 500 x 1000 mm Sandstone Logs. Saw all sides, all sharp edges to be removed Supplier: Sydney Sandstone Block or similar approved. Samples and Inspection required. https://www.sydneysandstoneblocks.com.au/		1	Y
02: SITE	FX04	SANDSTONE LOG [SHORT]	0241 - Walling and Edging	Location: Refer to Landscape Drawings Size: 500 x 500 x length(variable) mm Sandstone Logs. Saw all sides, all sharp edges to be removed Supplier: Sydney Sandstone Block or similar approved. Samples and Inspection required. https://www.sydneysandstoneblocks.com.au/			
02: SITE	FX05	BIKE RACKS	0261 Landscape - furniture and fixtures	Product: Single Bicycle Stand MATERIAL: Rolled Tube: Stainless Steel 50.8OD 304 Grade Base Plates: 5mm Stainless Steel 304 Grade FINISH: Stainless steel components - Polished GROUND ATTACHEMENT: Bolt down Supplier: Landmark https://www.landmarkpro.com.au/product/single-bicycle-stand/		1	Y
02: SITE	FX06	BINS	0261 Landscape - furniture and fixtures	MCODE: WBE-nF120-PAN DIMENSIONS: 640L x 640W x 1200H (mm) Model: 3.No - waste, recycling, compost ROOF: Angled PERFORATION: Solid FRAME: Stainless 304 Powder coated PANEL BODY:Stainless 304 Powder coated Color: T.B.C Supplier: Street Furniture www.streetfurniture.com.au		1	Y
02: SITE	FX07	MULTI-HOOP POST	0261 Landscape - furniture and fixtures	Location: Refer to Landscape Drawings Multihoop for Basketball and Netball Product to comply EFSG and to be submitted for Landscape Architect for approval		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
02: SITE	FX08	NATURE PLAY EQUIPMENT	0261 Landscape - furniture and fixtures	Location: Refer to Landscape Drawings Supplier: Andrew Smith Timber Creations www.timbercreations.com.au		1	Y
02: SITE	FX09	TIMBER & METAL VEGETATED SCREEN	262 Landscape - furniture and fixtures	Location: Refer to Landscape Drawings Supplier: to be submitted for Landscape Architect for approval			
02: SITE	FX10	FLAGPOLE	0191 - Sundry Items	Supply Group 1 Location- refer to landscape drawings Number of flagpoles: 2 per School. Construction Aluminium flagpole, machine tapered, hot dipped galvanised steel spigot and base plate, complete with "anti-vandal" internal halyard systems and all fittings required to fly flags. Height: 8500 to 9000mm. Dimensions: 100mm diameter at base tapering to approx. 60mm (nominal) at top x 2.5mm wall thickness. Finish: Natural clear anodised. Footings: Reinforced concrete footing to structural engineer's design (including anchor bolts).			
02: SITE	MF01	FENCE TYPE 01 - 2.1M HIGH DIPLOMAT STYLE BATTEN FENCE.	0242 - Landscape - Fences and Barriers	Entry Fence - Diplomat Style Batten Fence Description: An approved proprietary palisade fence with metal post and rail picket security fence. Form from mild steel pipe comprising of vertical members (posts), horizontal members (rails) and tubular infill panels consisting of vertical bars. Height: 2.1m AFRL Material: to comply with EFSG Colour: Black Pickets spacing: 100mm Centres Fence Posts: Minimum 65 x 65 SHS, 2.0mm wall thickness with tightly fitting metal caps.		1	Y
02: SITE	MF02	FENCE TYPE 02 - 2.4m BRICK WALL	0242 - Landscape - Fences and Barriers	Brick wall Refer to civil for details			
02: SITE	MF03	FENCE TYPE 03 - 1.5m Fence	0242 - Landscape - Fences and Barriers	Aluminium Fence - Flat bar uprights Height: 1.5m Colour: Black Supplier: To be submitted for approval		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
02: SITE - SOFT LANDSCAPES							
02: SITE	MP01-08	MASS PLANTING TYPES	0250 - Landscape - combined Landscape Documentation	Refer to landscape plans, planting schedule and specification To allow for subsoil drainage for all planting area, refer to Civil Details		1	Y
02: SITE	MU01	ORGANIC MULCH - FOR PLANTING	0250 - Landscape - combined Landscape Documentation	Location: Refer landscape drawings Product: Forest Fine Non-toxic pine bark mulch, Free of stones and sharp objects Supplier: ANL landscape www.anlandscape.com.au		1	Y
02: SITE	TRF01	NATURAL TURF (ROLLS)	0250 - Landscape - combined Landscape Documentation	Stenotaphrum secundatum Sir Walter DNA Certified Buffalo Grass Supplier: Lawn Solutions 1300 883 711 www.lawnsolutionsaustralia.com.au		1	Y
02: SITE	RWT	RAINWATER TANK	0816 - Tanks	Refer: Civil and Hydraulic documentation		1	Y
03: STRUCTURE							
03: STRUCTURE	CF01	BROOMED CONCRETE	0310 - Concrete Combined	Broomed concrete finish Cement Colour: Normal grey Sealer: Penetrating sealer Slip rating: non slip to BCA & HB197 Refer to Landscape plan for selections		1	Y
03: STRUCTURE	CF02	ACID ETCHED	0310 - Concrete Combined	Acid Etched to top of concrete (600mm band to edge of walkway where indicated) Cement Colour: Refer to Landscape Sealer: Penetrating sealer Class 2 Concrete edge finish to side of concrete edge beam Refer to Landscape plan for selections Requirement : to comply to AS1428.1 30% visual contrast		1	Y
03: STRUCTURE	CF03	STEEL TROWLED CONCRETE	0310 - Concrete Combined	Steel Trowel concrete finish Cement Colour: Normal grey Sealer: Penetrating sealer Refer to Landscape plan for selections		1	Y
03: STRUCTURE	CR03	CEMENT RENDER - TYPE 3 - COLOURED ACRYLIC	0611 Rendering and plastering	Coating type: Polymer or Acrylic modified render N0 of coats: 2 off Thickness: 1-2 mm per coat Grain: fine Colour: TBA Surface finish: Trowel Other requirements: - Stainless steel corner beads, casing beads, stop beads and the like		1	Y
03: STRUCTURE	CC	CONCRETE COLUMN - REFER TO ENGINEERING DOCUMENTATION	0310 - Concrete Combined Engineering Documentation				Y
03: STRUCTURE	CONC	CONCRETE - REFER TO ENG. DOCUMENTATION	0310 - Concrete Combined ENG. DOCUMENTATION			1	Y
03: STRUCTURE	FS	FLOOR SEALER FOR CONCRETE	0310 - Concrete Combined	Refer to concrete finishes or pavement types.		1	Y
03: STRUCTURE	RC	REINFORCED CONCRETE - REFER TO ENG. DOCUMENTATION	0310 - Concrete Combined ENG. DOCUMENTATION			1	Y
04: ENCLOSURE	THR01	THRESHOLD RAMP - CONCRETE		Conc. Threshold ramp in accordance to AS1428. Location: Refer to Drawings		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
03: STRUCTURE	BLK01	BLOCKWORK TYPE 01	0331 - Brick and Block Construction	Type: Standard natural smooth face hollow concrete block Face type: Smooth Dim. (mm): Refer to Wall Type Schedule -390 x 190 x 190 -390 x 190 x 140 -390 x 190 x 90 Category: -Exposure grade below ground and to retaining walls. -General Purpose elsewhere Comp. Strength: >15Mpa Loading: Face shell Mortar Grade: -M3 Generally -M4 Exposure conditions Facework mortar colour: Normal grey with white sand Joint type: lightly ironed Requirements: -Core fill walls noted on structural drawings. -Core fill if as necessary to achieve fire rating.		1	Y
03: STRUCTURE	BLK02	BLOCKWORK TYPE 02	332 - Brick and Block Construction	Type: Coloured hollow concrete block Face type: Smooth Colour: Grey Dim. (mm): Refer to Wall Type Schedule -390 x 190 x 190 -390 x 190 x 140 -390 x 190 x 90 Category: -Exposure grade below ground and to retaining walls. -General Purpose elsewhere Comp. Strength: >15Mpa Loading: Face shell Mortar Grade: -M3 Generally -M4 Exposure conditions Facework mortar colour: Off white cement with oxide and with white sand Joint type: lightly ironed Requirements: -To be manufactured with efflorescence inhibitors and colour fastening agents to ensure reduced water absorption, the minimisation of efflorescence, reduced mould and water staining and continued colour vibrancy. -Core fill walls noted on structural drawings. -Provide purpose made 40mm high capping block in matching colour where top of wall is visible Prop. Item: Equal to ADBRI Designer Masonry or AUSTRAL "Architec" range		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
03: STRUCTURE	BLK03	BLOCKWORK TYPE 03	333 - Brick and Block Construction	Type: Decorative faced and coloured hollow concrete block designed to look like stone. Face type: Pitched/ Shotblast/ Rockface Colour: Grey Dim.. (mm): Refer to Wall Type Schedule -390 x 190 x 190 -390 x 190 x 140 -390 x 190 x 90 Category: -Exposure grade below ground and to retaining walls. -General Purpose elsewhere Comp. Strength: >15Mpa Loading: Face shell Mortar Grade -M3 Generally -M4 Exposure conditions Facework mortar colour: Off white cement with oxide and with white sand Joint type: lightly ironed Requirements: -To be manufactured with efflorescence inhibitors and colour fastening agents to ensure reduced water absorption, the minimisation of efflorescence, reduced mould and water staining and continued colour vibrancy. -Core fill walls noted on structural drawings. -Provide purpose made 40mm high capping block in matching colour where top of wall is visible Prop. Item: Equal to ADBRI Designer Masonry or AUSTRAL "Architec" range		1	Y
03: STRUCTURE	BWK01	FACE BRICKWORK TYPE 1	0331 - Brick and Block Construction	Type: Hollow core – extruded clay bricks Face type: Smooth Dim. (mm): 230 x 110 x 76 Colour: Austral Bricks Metallix 'Platinum or Quartz' TBC Durability class -Exposure grade. -General Purpose Category: DW1 Inherent FRL: 120/120/90 Comp. Strength: >15 (fuc) (MPa) Coefficient of exp. (mm/m): < 1.2 Joint type: Lightly ironed Facework mortar colour: Dark Grey cement with oxide and with white sand colour to match brickwork Requirements: All brick window sills and bricks at junction between brick wall and CFC to be plinth stretcher to match BWK02. Refer drawings for sill detail & flashing. Exposed top of all brickwork walls and all window and door heads to be finished with 110mm high header course		7	Y
03: STRUCTURE	CJ01	CONTROL JOINT - BRICKWORK	0331 - Brick and Block Construction	To AS3700, and locations indicated on the drawings		2	Y
03: STRUCTURE	CJ02	CONTROL JOINT - BLOCKWORK	0331 - Brick and Block Construction	To AS3700, and locations indicated on the drawings		2	Y
03: STRUCTURE	WH01	WEEP HOLES	0331 - Brick and Block Construction	Type: provide Weepholes suitable for BAL 19. Aperture size max.2mm. To be complying with AS3959:2018. Install as per manufacturers recommendation. Proprietary Item: Weepa 11-HPBW or equivalent.		2	Y
03: STRUCTURE	PFC	PARALELL FLANGE CHANNEL - REFER TO ENG. DOCUMENTATION	0341 - Structural Steelwork ENG. DOCUMENTATION			1	Y
03: STRUCTURE	RHS	ROLLED HOLLOW SECTION - REFER TO ENG. DOCUMENTATION	0341 - Structural Steelwork ENG. DOCUMENTATION			1	Y

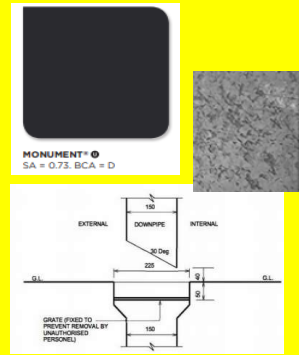
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
03: STRUCTURE	SC	STEEL COLUMN - REFER TO ENG. DOCUMENTATION	0341 - Structural Steelwork ENG. DOCUMENTATION 0344 - Steel - hot dip galvanised coatings 0345 - Steel - protective paint coatings	Galvanised finish for exposed external columns Protective metal paint finish for concealed internal columns. Location: Refer to floor plans Refer to Structural report for further details.		1	Y
03: STRUCTURE	UB	UNIVERSAL BEAM - REFER TO ENG. DOCUMENTATION	0341 - Structural Steelwork ENG. DOCUMENTATION			1	Y
03: STRUCTURE	CJ10	WALL CONTROL JOINT - PLASTERBOARD	0342 - Light Steel Framing 0511 - Linings	Typical Locations: Walls with plasterboard outer layer: 12 metre maximum spacing, or where shown on drawings; Description: - Additional stud to form control joint; - To each side of wall: Rondo P35 Control Joints with backing rod and sealant: To fire-rated walls: Fire-rated sealant; - Refer to plasterboard Manufacturer's details Align with CJ10 where achievable. Refer to 9100 Series for details		2	Y
03: STRUCTURE	STS	STEEL STUD	0342 - Light Steel Framing			1	Y
03: STRUCTURE	TH15	15MM TOP HAT	0342 - Light Steel Framing	Type: cladding batten & associated fixings and clips - Proprietary steel framing components Material: Cold rolled G300 coated steel Coating: ZF275 zinc coating or AZ150, Aluminium and Zinc alloy. BMT: 1.15 mm Requirements: To cladding manufacturers requirements refer CFC* Requirements: Member sizes to be appropriate for application including climatic conditions, exposure, loads and applied materials		1	Y
03: STRUCTURE	TH35	35MM TOP HAT	0342 - Light Steel Framing	Type: Vertical and intermediate cladding top hat + backing strips- Proprietary steel framing components Requirement: To cladding manufacturers requirements refer CFC*		1	Y
03: STRUCTURE	TH28	28MM TOP HAT	0342 - Light Steel Framing	Type: Proprietary steel framing components – top hats, furring channels, battens & associated fixings and clips. Material: Cold rolled G300 coated steel Coating: ZF275 zinc coating or AZ150, Aluminium and Zinc alloy. BMT: 1.15 mm Requirements: Member sizes to be appropriate for application including climatic conditions, exposure, loads and applied materials		1	Y
03: STRUCTURE	TH50	50MM TOP HAT	0342 - Light Steel Framing	Type: Proprietary steel framing components – top hats, furring channels, battens & associated fixings and clips. Material: Cold rolled G300 coated steel Coating: ZF275 zinc coating or AZ150, Aluminium and Zinc alloy. BMT: 1.15 mm Requirements: Member sizes to be appropriate for application including climatic conditions, exposure, loads and applied materials		1	Y
03: STRUCTURE	TH96	96MM TOP HAT	0342 - Light Steel Framing	Type: Proprietary steel framing components – top hats, furring channels, battens & associated fixings and clips. Material: Cold rolled G300 coated steel Coating: ZF275 zinc coating or AZ150, Aluminium and Zinc alloy. BMT: 1.15 mm Requirements: Member sizes to be appropriate for application including climatic conditions, exposure, loads and applied materials		1	Y
03: STRUCTURE	RBAT01	40MM ROOF BATTEN	0342 - Light Steel Framing	Type: Proprietary steel framing components – roof battens & associated fixings Material: Cold rolled G550 coated steel Coating: AM150, Aluminium, Magnesium and Zinc alloy - 150 g/m2 BMT: 0.55BMT Requirements: Member sizes to be appropriate for application including climatic conditions, exposure, loads and applied materials		1	Y

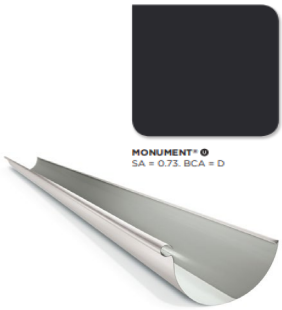
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
03: STRUCTURE	STS150e	STEEL STUD 150MM - EXTERNAL WALLS	0342 - Light Steel Framing	Location: All external walls Type: Proprietary external steel stud wall framing system Material: Cold rolled G300 coated steel Coating: AM150, Aluminium, Magnesium and Zinc alloy - 150 g/m2 Width: 150mm BMT: 1.15mm Requirements: Noggings at max 1200mm cts. Location: External walls - refer to drawings-Noggings at max 1200mm cts -Nogging and Stud centres to cladding manufacturers requirements and to suit support of all wall hung equipment and fixtures. -Provide additional support around openings including boxed studs, multiple studs and/ or specialist head/ sill/ jamb sections. - Refer structural drawings for stud requirements - Allow for 2KN force mid height as per EFSG requirements Refer to Wall types for acoustic & thermal insulation.		1	Y
03: STRUCTURE	STS150i	STEEL STUD 150mm - INTERNAL WALL	0342 - Light Steel Framing	Location: Refer to Drawings (NOTE: use STS92ews where internal walls are loadbearing to suit lightweight contractors building framing system) Type: Proprietary internal steel stud wall framing system Material: Cold rolled G300 coated steel Coating: AM150, Aluminium, Magnesium and Zinc alloy - 150 g/m2 Width: 150mm BMT: 0.75mm Requirements: Noggings at max 1200mm cts. □ -Provide additional support around openings including boxed studs, multiple studs and/ or specialist head/ sill/ jamb -to suit support of all wall hung equipment and fixtures -Refer to Wall types for acoustic & thermal insulation.		1	Y
03: STRUCTURE	STS51	STEEL STUD 51 MM FRAMING INTERNAL	0342 - Light Steel Framing 0520 - Partitions - combined	Type: Proprietary steel stud wall framing system consisting of lipped studs, tracks, deflection heads (if applicable), noggings & brackets. Material & coating: Cold rolled zinc Z350 coated steel Width: 51mm BMT: 0.75mm Requirements: - 450mm spacing - Noggings at max 1200mm cts. (exception is 150mm staggered stud walls) - Provide additional support around openings including boxed studs, multiple studs and/ or specialist head/ sill/ jamb		1	Y
03: STRUCTURE	STS64	STEEL STUD 64MM FRAMING INTERNAL	0342 - Light Steel Framing 0520 - Partitions - combined	Type: Proprietary steel stud wall framing system consisting of lipped studs, tracks, deflection heads (if applicable), noggings & brackets. Material & coating: Cold rolled zinc Z350 coated steel Width: 64mm BMT: 0.75mm Requirements: - 450mm spacing - Noggings at max 1200mm cts. (exception is 150mm staggered stud walls) - Provide additional support around openings including boxed studs, multiple studs and/ or specialist head/ sill/ jamb		1	Y
03: STRUCTURE	STS76	STEEL STUD 76 MM FRAMING INTERNAL	0342 - Light Steel Framing 0520 - Partitions - combined	Type: Proprietary steel stud wall framing system consisting of lipped studs, tracks, deflection heads (if applicable), noggings & brackets. Material & coating: Cold rolled zinc Z350 coated steel Width: 76mm BMT: 0.75mm Requirements: - Noggings at max 1200mm cts. (exception is 150mm staggered stud walls) - Provide additional support around openings including boxed studs, multiple studs and/ or specialist head/ sill/ jamb		1	Y

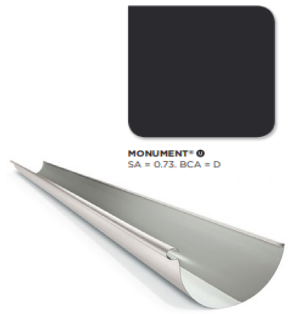
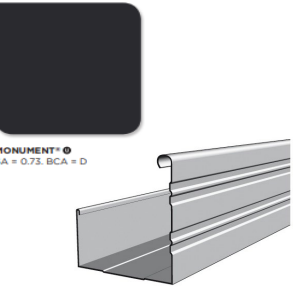
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
03: STRUCTURE	STS92i	STEEL STUD 92MM	0342 - Light Steel Framing 0520 - Partitions - combined	Type: Proprietary steel stud wall framing system consisting of lipped studs, tracks, deflection heads (if applicable), noggings & brackets. Material & coating: Cold rolled zinc Z350 coated steel Width: 92mm BMT: 0.75/ 1.15mm Requirements: - Noggings at max 1200mm cts. (exception is 150mm staggered stud walls) - Provide additional support around openings including boxed studs, multiple studs and/ or specialist head/ sill/ jamb		1	Y
03: STRUCTURE	STS92e	STEEL STUD 92MM	0342 - Light Steel Framing 0520 - Partitions - combined	Type: Proprietary external steel stud wall framing system consisting of lipped studs, tracks, deflection heads (if applicable), noggings & brackets. Material & coating: - Cold rolled G500 / 550, hot dipped AM150, Aluminium, Magnesium and Zinc alloy coated steel - Cold rolled G500 zinc Z350 coated steel Width: 92mm BMT: 1.15mm Requirements: - Noggings at max 1200mm cts. - Provide additional support around openings including boxed studs, multiple studs and/ or specialist head/ sill/ jamb sections.		1	Y
03: STRUCTURE	STS92f	STEEL STUD 92MM WITH FLEXI-TRACK TOP AND BOTTOM TRACK	0342 - Light Steel Framing 0520 - Partitions - combined			1	Y
03: STRUCTURE	STS92q	STEEL STUD 92MM QUIET STUD	0342 - Light Steel Framing 0520 - Partitions - combined	Type: Proprietary internal acoustic steel stud wall framing system consisting of lipped studs, tracks, deflection heads (if applicable) & brackets. Studs to have notched web section to facilitate resilience and sound attenuation. Material & coating: Cold rolled zinc Z350 coated steel Width: 92mm BMT: 0.75 mm Requirements: Noggings at max 1200mm cts. Provide additional support around openings including boxed studs, multiple studs and/ or specialist head/ sill/ jamb		1	Y
03: STRUCTURE	STS92s	STEEL STUD 64 STAGGERED STUD IN 92 TRACK	0342 - Light Steel Framing 0520 - Partitions - combined				Y

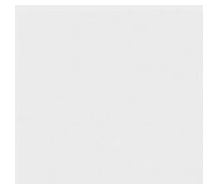
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
03: STRUCTURE	TD01	TIMBER DECKING TYPE 01	0383 - Sheet Flooring and Decking	Raised Hardwood Timber Deck Location: As shown on landscape drawings Type: Spotted Gum (Or Equivalent) Supplier: Locally sourced (supplier tbd) Decking Size: 137 x 23mm, Pattern: as shown on the landscape plans Joists and Bearers: to engineer's details Posts and Footings: to engineer's details Joints: nominal 5mm Fixings: fixed with two (2) of hot dipped galvanised recessed countersunk screws to each joist, finished flush with surface Finish: equal to Intergrain 'Ultradeck', applied to manufacturers specification. Slip Rating: R11/P4			Y
04: ENCLOSURE							
04: ENCLOSURE	DPC	DAMP PROOF COURSE	0411 - Waterproofing - external and tanking			1	Y
04: ENCLOSURE	DPM	DAMP PROOF MEMBRANE	0411 - Waterproofing - external and tanking			1	Y
04: ENCLOSURE	RWO	RAINWATER OUTLET	0411 - Waterproofing - external and Tanking			1	Y
04: ENCLOSURE	WPM01	WATERPROOFING MEMBRANE TYPE 01 - POLYMERIC SLAB UNDERLAY	0411 - Waterproofing - external and tanking	Location General: Under slabs on ground, including integral ground beams and footings Base preparation General: Conforming to base type, as follows: -Concrete working base: Remove projections above the plane surface, and loose material. -Graded prepared subgrade: Blind with sufficient sand to create a smooth surface free from hard projections. Lightly wet the sand just before laying the underlay. Installation Standard: To AS 2870 clause 5.3.3. General: Lay underlay over the base as follows: -Lap joints at least 200 mm and seal the laps and penetrations with waterproof adhesive tape. -Face the laps away from the direction of concrete pour. -Continue up vertical faces past the damp-proof course where applicable, and tape fix at the top. -Patch or seal punctures or tears before placing concrete. -Cut back as required after concrete has gained strength and formwork has been removed.		1	Y
04: ENCLOSURE	WPM02	WATERPROOFING MEMBRANE TYPE02 - TANKING MEMBRANE	0411 - Waterproofing - external and tanking	Location: To the following areas: -Concrete and masonry retaining walls where the external walls of the building are below ground level. Refer to the drawings. Description General: Tanking membrane to be applied to walls and slabs. Provide a written 10 year warranty against defective materials and workmanship. Membrane protection Membrane protection for vertical faces: Drainage cell fully wrapped in geo-filter fabric. -Material: Cellular panels made from recycled hard wearing polypropylene. -Thickness: 30mm -Panel size: 405 x 620mm - Proprietary item: 30mm Flo-Cell drainage cell by Atlantis, with Atlantis Geotextile fabric covering.		1	Y

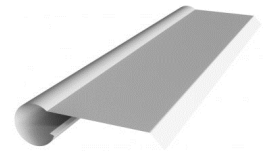
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	WPM03	WATERPROOFING MEMBRANE TYPE 03 - RETAINING WALLS	0411 - Waterproofing - external and tanking	Location General: Concrete and masonry retaining walls unless noted otherwise . Description Type: Roller or spray-applied, single component, asphalt emulsion waterproofing system. Substrate: -Concrete or -Masonry with flush joints. Substrate preparation and application: In accordance with the manufacturer's recommendations. Coats: 2. Membrane protection: Proprietary polypropylene protection board. Proprietary item: -Membrane: Tremproof 260 by Tremco. -Protection board: Tremco corflute protection board.		1	Y
06: FINISH	WPM04	WATERPROOFING MEMBRANE TYPE 04 - WET AREAS	0621 - Waterproofing Wet Areas	Location -To the floors of all wet areas (i.e. all areas within the building which are supplied with a floor waste) with ceramic tile floor finish or resilient floor finish. -Upturned min 150mm to the walls of wet areas -To the full height and length of walls adjacent to showers -To the requirements of BCA F1.7. Description General: To be a proprietary membrane system having one of the following reports stating that the system is suitable for the intended wet area waterproofing: -A current Australian Building Product and Systems Certification Scheme certificate issued by ABCB (Australian Building Codes Board). -A current appraisal report issued by either CSIRO Building Products and Systems Appraisals. -A current BRANZ report. Type: Liquid applied. Layer A – Above Concrete Slab (Primary) - Fosroc Nitoproof 810 or approved equivalent. Description: Highly flexible, water-based polyurethane liquid waterproofing membrane. Layer B – Below tiles waterproofing screed (secondary) - Fosroc Nitoproof 810 or approved equivalent. Description: Highly flexible, water-based polyurethane liquid waterproofing membrane. Typical application: Wet areas and shower alcoves, Installation Standard: To AS 3740. Applicators: Use suitably qualified applicators. Apply strictly in accordance with the waterproofing system manufacturer's recommended details. Floor wastes: Turn membrane down onto floor waste puddle flanges + adhere. Curing: Allow membrane to fully cure before tiling or application of vinyl		1	Y

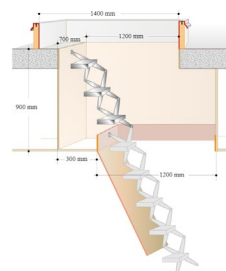
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	WPM05	WATERPROOF MEMBRANE TYPE 05- MEMBRANE FOR DECKS AND TERRACES	0411 - Waterproofing - External and Tanking 0672 - Textured and membrane coatings	Location General: Waterproof membrane for suspended decks and terraces. Areas with WPM-05 include, but are not limited to, the suspended concrete slabs of: -Outdoor Learning areas. Refer to the drawings. Description General: APP modified bituminous torch applied waterproofing membrane. Proprietary item: Tremproof 3000 system by Tremco, with Tremco Bitumen Primer. Type: Heavy duty high strength non-woven polyester mat, impregnated and coated with APP polymer modified bitumen compound. Roll width: 1000mm. Thickness: Two layers of 3mm each. Installation and substrate preparation: To the membrane manufacturer's recommended details. Substrate: Concrete. Applicators: Use suitably qualified applicators. Apply strictly in accordance with the manufacturer's recommended details. Substrate: All concrete surfaces are to be cured for a minimum of 28 days. Primer: All substrates must be primed with bitumen primer. Requirement: The waterproof membrane is to be laid to falls. The waterproof membrane is not to be laid horizontally. Application: Torch apply two layers of membrane, maintaining side laps of 75mm and end laps of 100mm. Fully heat weld the sheet to the primer surface. Ensure that all laps are fully heat welded and finished with a heated spatula. Perimeter detail: Terminate with a proprietary pressure seal or cover with a flashing. Warranty: Provide a written 10 year warranty against defective materials and workmanship. Surface finish General: Concrete topping for Outdoor Learning areas. Requirement for slip sheet: Prior to laying concrete topping over the waterproof membrane, loose lay two layers of 200um thick polyethylene sheet, with all joints in the top layer sealed with adhesive tape. Waterproofing shall be fully warranted for a period of 20 years. Installation of the waterproofing shall be fully warranted for a minimum of 15 years. - Proprietary items specified or equivalent.		1	Y
04: ENCLOSURE	GUTG	GUTTER GUARD	0421 - Roofing Combined	Gutter Mesh: FIXING: Mechanically secured by proprietary screw-on trims and clips TYPE: Small aperture mesh stainless steel Grade 316 SYSTEM: Similar to Protech Gutters Mesh		2	Y
04: ENCLOSURE	DP01	DOWNPIPE TYPE 01 WITH 2100H GALV. SLEEVE	0423 Roofing - profiled sheet metal	Location: Refer to the drawings. Material: Zinc/aluminium alloy coated steel with pre-painted finish. Profile: Circular. Thickness: 0.6mm. Size: 150mm diameter. Jointing method: Mechanical fasteners and silicone sealant. Finish: Pre-painted finish to match gutters. Colour: Monument EFSG compliant sleeve: Hot dip galvanised, natural finish to accommodate 100, 150, 225 or 300 dia downpipe from above. Galvanised steel circular hollow section Size : 3mm wall thickness diameter to suit diameter of downpipe above Location: below 2.4m to all DP Jointing Method: Welded Fixing: Provide galvanised steel fixing brackets as shown on drawings with metal paint finish to match DP above NOTE: Downpipes finish above ground level with cut-back, draining to grated SWP with concrete surround. Refer to EFSG detail SG611/3.		2	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	FAS01	FASCIA TYPE 01	0423 - Roofing- Profiled Sheet Metal	Prefinished sheet metal on 9mm FC backing Location: All roof Fascia. Refer to drawings Type: Prefolded metal sheeting formed to provide weather proof Fascia. Use proprietary components when available. Fascia height: Refer drawings Colour: TBC Profile: Refer drawings - Aluminium zinc magnesium alloy (AM 150) coated G300 steel, / 0.80mm BMT Finish: To match adjacent cladding (Shale Grey) Jointing: Mechanical fixing and sealant. Fixings: Concealed fixed to manufacturers requirements Requirements: - To suit situation on roof - To match roofing profile		1	Y
04: ENCLOSURE	GUT01	GUTTER TYPE 01 - VALLEY GUTTER	0423 - Roofing- Profiled Sheet Metal	Location: Refer to Drawings Material: Zinc/aluminium alloy coated steel with pre-painted finish. Thickness: 0.6 BMT Jointing method: Mechanical fasteners and silicone sealant. Requirement: Provide purpose made stop ends. Overflow: (refer hydraulic drawings for minimum requirement) Colour: to match roof sheeting Eaves gutter profile: Special Valley Gutter Profile Gutter size: To hydraulic and to manufacturers specification. Fixing brackets: Fabricated to match manufacturers requirements powder coated to match the colour of the gutter. The gutter brackets are to be cut to the profile of the gutter including the front edge lip. The gutter brackets are to be of welded construction. Spacing of fixing brackets: To manufacturers requirement Proprietary item: -Gutter brackets: Fabricated to meet manufactures requirements Leaf guard for gutter Location: To the full length of all valley gutters. Type: Removable mesh leaf and bird screening. Material: Expanded aluminium mesh. Dimensions: 3.5mm aperture and 0.7mm strand. Width: To suit the gutter profile. Installation: In accordance with the mesh manufacturers' recommended details. Proprietary item: Aluminium Gutter Mesh by All Flow.		1	Y
04: ENCLOSURE	GUT02	GUTTER TYPE 02 - 225MM HALF ROUND GUTTER	0423 - Roofing- Profiled Sheet Metal	Location: Refer to the drawings. Material and colour: Aluminium/zinc alloy coated steel with pre-painted finish. Colour: Monument Material: Zinc/aluminium alloy coated steel with pre-painted finish. Thickness: 0.6mm. Jointing method: Mechanical fasteners and silicone sealant. Requirement: Provide purpose made stop ends. Eaves gutter profile: Half round with front edge lip. Gutter size: 225mm diameter half round, unless note otherwise. Fixing brackets: Fabricated T section brackets made from 2mm thick galvanised steel, powder coated to match the colour of the gutter. The gutter brackets are to be cut to the profile of the gutter including the front edge lip. The gutter brackets are to be of welded construction. Spacing of fixing brackets: Maximum 1200mm centres. Proprietary item: -Eaves gutter: Half Round Gutter by KFC Roofing -Gutter brackets: A4 Gutter Brackets by KFC Roofing. Leaf guard for gutters Location: To the full length of all eaves and box gutters. Type: Removable mesh leaf and bird screening. Material: Expanded aluminium mesh. Dimensions: 3.5mm aperture and 0.7mm strand. Width: To suit the gutter profile. Proprietary item: Aluminium Gutter Mesh by All Flow.	 MONUMENT® SA = 0.73. BCA = D	2	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	GUT03	GUTTER TYPE 03 - 150MM HALF ROUND GUTTER	0423 - Roofing- Profiled Sheet Metal	Location: Refer to the drawings. Material and colour: Aluminium/zinc alloy coated steel with pre-painted finish. Colour: Monument Material: Zinc/aluminium alloy coated steel with pre-painted finish. Thickness: 0.6mm. Jointing method: Mechanical fasteners and silicone sealant. Requirement: Provide purpose made stop ends. Eaves gutter profile: Half round with front edge lip. Gutter size: 150mm diameter half round, unless note otherwise. Fixing brackets: Fabricated T section brackets made from 2mm thick galvanised steel, powder coated to match the colour of the gutter. The gutter brackets are to be cut to the profile of the gutter including the front edge lip. The gutter brackets are to be of welded construction. Spacing of fixing brackets: Maximum 1200mm centres. Proprietary item: -Eaves gutter: Half Round Gutter by KFC Roofing -Gutter brackets: A4 Gutter Brackets by KFC Roofing. Leaf guard for gutters Location: To the full length of all eaves and box gutters. Type: Removable mesh leaf and bird screening. Material: Expanded aluminium mesh. Dimensions: 3.5mm aperture and 0.7mm strand. Width: To suit the gutter profile. Proprietary item: Aluminium Gutter Mesh by All Flow.		2	Y
04: ENCLOSURE	GUT05	GUTTER TYPE 05 - QUAD GUTTER	0423 - Roofing- Profiled Sheet Metal	Type: Proprietary profiled metal channel to collect roof water. Material: - Aluminium/ zinc/ magnesium alloy (AM 150) coated G300 steel Thickness: - Steel: 0.60mm BMT Finish: Precoated to AS/NZS 2728:2013. Colour: Monument Profile: Hi front Quad Nom size: Refer to Hydraulic Slots: Yes Nom Effective cross section: Refer to Hydraulic Fixing: Internal Jointing: Mechanical fixing and sealant. Requirements: - Provide heavy duty brackets where gutter more than 150mm in width - Leaf guards to outlets: woven stainless steel wire mesh grade 316 Prop. Item: Equal to LYSAGHT "Rainwater Solutions"		2	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	MR01	METAL ROOF SHEETING TYPE 01 - KLIP-LOK HI STRENGTH	0423 - Roofing- Profiled Sheet Metal	Type: A proprietary system of preformed sheets with purpose-made accessories. Material: Aluminium/zinc alloy coated steel with pre-painted finish. Profile: Ribbed with 43mm deep ribs at approximately 235mm centres. Thickness (base metal) (mm): 0.48. Solar Absorptance: 0.32 Bushfire Requirements: All gaps, weepholes and joints to be screened against ember penetration by a metal screen of ≤2mm aperture. Roof sheet overlap to be sealed with non-combustible sealant. Proprietary item: Sika Firerate or equivalent. Fixings: -Type: Proprietary concealed fixing clips fixed to steel roof framing with self-tapping wafer head screws. -Size and spacing: In accordance with the roofing manufacturer's recommendations. -Type: Proprietary roof spacer, to raise the metal roofing in order to maintain the thickness of the bulk insulation. Screw fixed to steel roof purlins or battens. See MR05 Proprietary item: -Roofing: Klip-Lok 700 Hi Strength by Bluescope Lysaght. -Finish: Colorbond by Bluescope Lysaght. Colour: Colourbond Shale Grey Expansion joints: Provide expansion joints for thermal movement where the roofing is not in a single run or where sheet lengths are excessive. -Type: Low profile. Material: Aluminium/zinc alloy coated steel and custom shaped polyethylene strips. Proprietary item: Lysaght Lok-Klip expansion joint system Noise barrier Location: To reduce rain noise for all areas. Under all metal roofing except for eaves, overhangs, verandahs and covered ways. Continues in row below	 	1	Y
04: ENCLOSURE	MR02	METAL ROOF SHEETING TYPE 02 - KLIP LOK 406	0423 - Roofing- Profiled Sheet Metal	Location: Walkway roofs. Refer to the drawings. Type: A proprietary system of preformed sheets with purpose-made accessories. Material: Aluminium/zinc alloy coated steel with pre-painted finish. Profile: KlipLok 406 .Colour Shale Gey Thickness (base metal) (mm): 0.48. Solar Absorptance: .045 Fixings: -Type: Proprietary Hex head self-tapping screw with EPDM - neoprene washer to gives a water tight seal. -Size and spacing: In accordance with the roofing manufacturer's recommendations.		1	Y
04: ENCLOSURE	MR05	ROOF SPACER	0423 - Roofing- Profiled Sheet Metal	Location: Generally above selected roof blanket insulation to all roofs over internal spaces Type: Fletcher Roof Razor Size: 85mm (suitable for 110mm building blankets) Proprietary: Roof Razor with pre-loaded screws 85mm height Installation: In accordance with the roofing manufacturer's recommendations or Location: Generally above roof blanket insulation to all roofs over internal spaces Type: Non-combustible spacer Size: suitable for 55mm building blanket		1	Y
04: ENCLOSURE	MRC01	METAL ROOF CAPPING	0423 - Roofing- Profiled Sheet Metal	Includes Ridge Capping, Barge Capping, Apron Flashing, Colour and material to match adjoining roof sheeting Use proprietary components when available. Material & thickness: - Aluminium zinc magnesium alloy (AM 150) coated G300 steel, / 0.60mm BMT - Marine grade aluminium / 0.90 / 1.2mm BMT - Where aluminium roof sheeting is specified Finish: To match metal roofing Jointing: Mechanical fixing and sealant. Requirements: - To suit situation on roof - To match roofing profile		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	MRC02	METAL ROOF CAPPING - ROLLED	0423 - Roofing- Profiled Sheet Metal	Type: Rolled Barge Capping Location: Colour and material to match adjoining roof sheeting Use proprietary components when available. Material & thickness: - Aluminium zinc magnesium alloy (AM 150) coated G300 steel, / 0.60mm BMT - Marine grade aluminium / 0.90 / 1.2mm BMT - Where aluminium roof sheeting is specified Finish: To match metal roofing Jointing: Mechanical fixing and sealant. Requirements: - To suit situation on roof - To match roofing profile		1	Y
04: ENCLOSURE	MRF01	METAL FLASHING - ROOF	0423 - Roofing- Profiled Sheet Metal 0431 - Cladding Combined	Type: Metal sheeting formed to provide weather proof Flashings to metal roof system. Use proprietary components when available. Material & thickness: - Aluminium zinc magnesium alloy (AM 150) coated G300 steel, / 0.80mm BMT Finish: TBC Jointing: Mechanical fixing and sealant. Requirements: - To suit situation on roof - To match roofing profile		1	Y
04: ENCLOSURE	MRF02	METAL FLASHING - WALL	0431 - Cladding Combined	Type: Folded Metal sheeting formed to provide weather proof Flashings to cladding system. Use proprietary components when available. Material & thickness: - Aluminium zinc magnesium alloy (AM 150) coated G300 steel, / 0.80mm BMT Finish: To match window frame Jointing: Mechanical fixing and sealant. Requirements: - To suit situation on wall - To match wall profile		1	Y

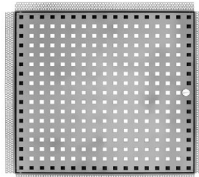
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	RAH01	ROOF ACCESS HATCH TYPE 01	0423 Roofing - profiled sheet metal	Type: Proprietary roof access hatch system able to incorporate an AS1657 rung-type roof access ladder with extendable stiles. Opening size (mm): 1400 x 700 on the roof and 1200 x 700 on the ceiling Product: RHT7014a Gorter roof access hatch (700x1400 opening). - Thermal separated and insulated aluminium construction. - Counter balancing system for assisted opening and controlled closing. - Double wind and weather tight sealing between lid and curb lid that engages automatically in one position, with one hand release. - Euro cylinder (31x60mm) lock with 3 keys, inside and outside operation. - Opening length greater than 1400mm with 3 point lock. - Diagonal handrail on inside lid to safely enter and leave roof hatch. - Insulation value (EN-ISO10077-1/2): R4.5. - Sound reduction (EN-ISO140-3): 27dB. - Wind and water tightness (EN1027/EN1873): 650Pa. - Construction strength (EN1026/EN1027): +/- 30000Pa. - Air tightness (EN1026): 0.5m3/hm1. - Finish: TBC. Ladder: Pull-down access ladder with side handrails and telescopic stanchions that project through roof access hatch. Complete with MDF ceiling panel. Ladder features: - Welded aluminium construction - AS1657 Rung-type ladder compliance Accessories: - Gas Struts for assisted opening and controlled closing - Hand grip to safely enter and leave the roof hatch - Gasket seals - Lock Requirements: - Frame and trim opening with framing matching adjacent roof framing. - Provide flashings compatible with roofing material & profile. - Provide roof lead for fall protection at opening. Prop. Item: Equal to SAFEMASTER AH100: Spacegate Deluxe Hatch		1	Y
04: ENCLOSURE	RV	ROOF VENT	0423 - Roofing- Profiled Sheet Metal	Refer Mechanical drawings and Spec Install: To manufacturers details including flashings and trims and support framing Colour: To match roof sheeting		1	Y
04: ENCLOSURE	RWO	RAINWATER OUTLET	0423 Roofing - profiled sheet metal	Refer Hydraulic drawings and Spec Install: To manufacturers details including flashings and trims and support framing Colour: To match roof sheeting			Y
04: ENCLOSURE	RWH	RAINWATER HEAD	0423 - Roofing- Profiled Sheet Metal	Colour to match gutter		1	Y
04: ENCLOSURE	RWT01	RAINWATER TANK	0423 - Roofing- Profiled Sheet Metal	Refer: Civil and Hydraulic documentation		1	N
04: ENCLOSURE	MF	METAL FLASHING	0423 Roofing - profiled sheet metal				Y
			0431 - Cladding Combined				

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	CFC01	COMPRESSED FIBRE CEMENT CLADDING - NATURAL	0431 - Cladding Combined	Type: Proprietary compressed fibre cement sheet system including support framing, capping's and trims Cladding material: Smooth and even Compressed Fibre Cement sheets with factory sealed edges, free of imperfections such as chips. - Category: Type A Category 5 to AS/NZS 2908.2. - Thickness: 9mm - Mass: Nom 16.2 kg/m2 - Edge type: Square Finish: Prefinished. Provide graffiti proof treatment to panels at student level. - Colour: CeramaPANEL Raw CPR-7038 colours & finish to be confirmed pending material samples prior to ordering Fixing: Screw – expressed/ concealed Flashings Requirement: Provide flashings at penetrations, window and door openings, base of walls and the like to ensure that any moisture that penetrates the cladding system will drain to the outside of the building. Installation Type: Ventilated façade (or rain screen) method with sealed joints. Joint width: 10mm. Provide proprietary black profiled aluminium backing trims for horizontal joints. Install the cladding system, including panels and framing strictly in accordance with the manufacturer's recommended details. The installation is to be carried out by installers approved by the panel manufacturer. Base detail: Provide a perforated panel to allow air to enter the cavity space while preventing the entry of vermin and embers. Ensure vermin mesh max. aperture size is no greater than 2mm. Overhang the base of the panel beyond the framing to form a drip. Window heads: Provide a perforated panel to allow air to enter the cavity space while preventing the entry of vermin and embers, max. aperture size is no greater than 2mm. Provide a drip flashing. Window sills: Provide a perforated panel to allow air to enter the cavity space while preventing the entry of vermin and embers, max. aperture size is no greater than 2mm. ****Continues below****	 	2	Y
				Downpipes: Do not fix downpipe brackets to panels. Ensure there is galvanised steel sub-framing behind downpipes for the fixing of downpipe brackets. Completion Warranty: Provide a warranty for materials (including both panel and panel finish) and installation for 10 years. Maintenance manual: Submit a maintenance manual containing a technical specification of the cladding system and setting out the manufacturer's recommendations for maintenance. Cleaning: When the installation is complete remove extraneous matter and marks. Protect as necessary and have the finished work undamaged on completion. Support: Provide support framing consisting: - Horizontal backing strips at horizontal panel joints - Vertical joint & intermediate top hats (nominally 35mm deep) on structural top hat framing (nominally 15mm deep). Water barrier: Non combustible barrier as recommended by system manufacturer for climate type. Requirements: - Non combustible to C1.12 of the BCA - Group 1 rating to AS3837 - Set out in even panels with joints coinciding with framing or as documented. - Provide wall wrap/ sarking behind system. - Provide a thermal break with an R 0.2m2 K/W behind external cladding where the cladding and internal lining make direct contact with the same steel frame. Refer to TB01.			

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	CFC02	COMPRESSED FIBRE CEMENT CLADDING - GREY	0431 - Cladding Combined	Specification as CFC 01 Colour: CeramaPANEL Raw CPR-7037 colours & finish to be confirmed pending material samples prior to ordering colours & finish TBC pending material samples prior to ordering	 	2	Y
04: ENCLOSURE	MC01	METAL CLADDING WITH TIMBER LOOK PRINT	0431 - Cladding Combined	Pre finished timber look aluminium panel cladding Colour: TBC product: Column cladding from Cedar west or equivalent Downpipes: Do not fix downpipe brackets to panels. Ensure there is galvanised steel sub-framing behind downpipes for the fixing of downpipe brackets. Completion Warranty: TBC		1	Y
04: ENCLOSURE	CP01	METAL COVERPLATE	0434 - Cladding - flat sheets and panels 0451 - Windows and Glazed Doors Door Schedule	Flat sheet metal coverplate Colour: to match adjacent window frame finish Material: 3mm Aluminium (Non-Combustible) Fixings: Concealed fixed Colour: To match adjacent window frame.		1	Y
04: ENCLOSURE	WAR01	WINDOW REVEAL TYPE 01	0451 - Windows and Glazed Doors	Location: to all External window and door reveals Extent: To top and sides of reveal Material: 3mm thick Aluminium plate or angle Width: Depth of window reveal (edge to align with cladding face and window sill) Length: To match window height Finish: to match window frame Colour: To match window frame Fixing: Concealed fixed where possible Exposed fixings if required: Colour matched domed taper proof SS screw fixings Seals: Seal angle to cladding with Mastic seal (colour matched to angle)		1	Y
04: ENCLOSURE	WAR02	WINDOW REVEAL TYPE 02 - TIMBER	0451 - Windows and Glazed Doors	Location: to selected internal windows Extent: To top and sides of reveal Material: 18mm thick dressed hardwood timber (Brushbox or approved equivalent) Grade: Class H2 minimum Width: Depth of window reveal (edge to align with cladding face and window sill) Length: To match window height Finish: Painted to match window frame Colour: To match window frame Fixing: Concealed fixed where possible Exposed fixings if required: Colour matched domed taper proof SS screw fixings Seals: Seal with Mastic seal (colour matched)		2	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	ALD01	ALUMINIUM HINGED DOORS - GLAZED	0451 - Windows and Glazed Doors Door Schedule	Type: Proprietary commercial Single glazed hinged door suite complete with gaskets and trims. Nominal Member Sizes: - Top Rail: 70 x 38 - Mid Rail: No Mid rail Provide Graphic decal. Refer to Window Schedule. - Bottom Rail: 110 x 38 - Stile: 110mm(w) x 39.5mm (d) pocket (EFGS req 110mm stile for external sliding doors for additional strength & to avoid issues with locking mechanism) Material: Marine grade aluminium with 25% recycled content Finish: Powder coat- PC01 - Colour: Black; Glazing: Single / glazing. Refer to GL01 -Refer to windows and door schedules for glazing types - Sound rating: Rw 31 (C: Ctr) Hardware: Refer to Door Hardware Schedule. Proprietary item: CAPRAL AG3 225 Series hinged door components or approved equivalent. Requirements: - Provide subhead and low profile sills with ramped infills. - Provide necessary head and sill tracks, interlocks & meeting stiles etc to suit application. - Fixed components to be similar to CAPRAL 419 Flushline with 150mm wide transom / CAPRAL 600 Narrowline - Provide a DDA complying door threshold to AS1428. Refer to THR01 or THR02 - Provide a soft closer system to control the speed of the panel as it approaches either end of its motion. - Provide compliance with the BCA requirement for egress, i.e. able to be opened manually opened under a force of not more than 110N.		1	Y
04: ENCLOSURE	ALS01	ALUMINIUM SLIDING DOOR TYPE 01	0451 - Windows and Glazed Doors Door Schedule	Type: Proprietary commercial Single glazed sliding & stacking door suite complete with tracks, gaskets and trims. Nominal Member Sizes: - Top Rail: 70 x 38 - Mid Rail: No Mid rail Provide Graphic decal. Refer to Window Schedule. - Bottom Rail: 110 x 38 - Stile: 110mm(w) x 39.5mm (d) pocket (EFGS req 110mm stile for external sliding doors for additional strength & to avoid issues with locking mechanism) Material: Marine grade aluminium with 25% recycled content Finish: Powder coat - PC01 - Colour: Black; Glazing: Single / glazing. Refer to GL01 -Refer to windows and door schedules for glazing types -Sound rating: Acoustic engineer to confirm (no test report available from Capral) Hardware: Refer to Door Hardware Schedule. Proprietary item: CAPRAL AG3 225 Series Sliding door components or approved equivalent. Requirements: - Provide subhead and low profile sills with ramped infills. - Provide necessary head and sill tracks, interlocks & meeting stiles etc to suit application. - Fixed components to be similar to CAPRAL 419 Flushline with 150mm wide transom / CAPRAL 600 Narrowline - Provide a DDA complying door threshold to AS1428. Refer to THR01 or THR02 - Provide a soft closer system to control the speed of the panel as it approaches either end of its motion. - Provide compliance with the BCA requirement for egress, i.e. able to be opened manually opened under a force of not more than 110N.		1	Y

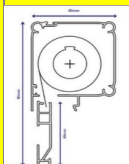
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	ALS02	ALUMINIUM SLIDING DOOR TYPE 02	0451 - Windows and Glazed Doors Door Schedule	Type: Proprietary commercial Single glazed sliding & stacking door suite complete with tracks, gaskets and trims. Nominal Member Sizes: - Top Rail: 70 x 38 - Mid Rail: No Mid rail Provide Graphic decal. Refer to Window Schedule. - Bottom Rail: 110 x 38 - Stile: 110mm(w) x 39.5mm (d) pocket (EFSG req 110mm stile for external sliding doors for additional strength & to avoid issues with locking mechanism) Material: Marine grade aluminium with 25% recycled content Finish: Powder coat - PC01 - Colour: Black; Glazing: Single / glazing. Refer to GL01 -Refer to windows and door schedules for glazing types - Sound rating: Rw 25 (C: Ctr) Hardware: Refer to Door Hardware Schedule. Proprietary item: CAPRAL AG3 900 Series Sliding door components or approved equivalent. Requirements: - Provide subhead and low profile sills with ramped infills. - Provide necessary head and sill tracks, interlocks & meeting stiles etc to suit application. - Fixed components to be similar to CAPRAL 419 Flushline with 150mm wide transom / CAPRAL 600 Narrowline - Provide a DDA complying door threshold to AS1428. Refer to THR01 or THR02 - Provide a soft closer system to control the speed of the panel as it approaches either end of its motion. - Provide compliance with the BCA requirement for egress, i.e. able to be opened manually opened under a force of not more than 110N.		1	Y
04: ENCLOSURE	WAT01	WINDOW ASSEMBLY TYPE 01 - EXTERNAL WINDOWS TYPICALLY	0451 - Windows and Glazed Doors	Type: Proprietary commercial centre pocket, single glazed window framing suite complete with gaskets and trims. Nominal framing size: typically 100 x 45mm or 150 x 50 (in locations with louvers) Material: Marine grade aluminium with 25% recycled content Finish: Powder coat- PC01 Colour: Black Glazing: Single Glazing. -Refer to windows and door schedules for glazing types Glazing method: Preformed roll in glazing wedges made from matt black, flexible U.V stabilised P.V.C. Window hardware: Provide electric motorised operators to high level opening sashes. Proprietary item: Typically CAPRAL Narrowline 400 (commercial) framing system or approved equivalent Requirements: -Provide subhead & Sill -Storm moulds in matching material Sliding Windows: 480 series components Top hung casement: 35 Awning series components (high level operable windows) Power operated Sliding Door: Capral 900 Sliding Door Series. Refer to ALS01. Hinged Door: Capral 225. Refer to ALD01. Location: External windows generally - refer to drawings Operation: All high level windows to be mechanically operated with electric power actuator. Provide power to meet manufacturer requirements. Design requirements: -System to meet minimum thermal ESD report requirements -System to meet minimum acoustic report requirements		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	WAT02	WINDOW ASSEMBLY TYPE 02 - EXTERNAL OPERABLE GLASS LOUVRES	0451 - Windows and Glazed Doors	External operable glass louvres Proprietary: Jalousie JX Safetyline Glazed Louvres. Location: Refer elevations and window schedule General: Refer to the drawings. Description Type: Operable glazed louvres. Refer to Section J report. Wind and water performance Serviceability limit state (SLS): Up to 4000pa. Water penetration resistance: 800pa. Requirement: All louvre windows are to be labelled with their window rating and water penetration resistance. Description Perimeter window framing: Aluminium window framing system WAT01 approximately 150 x 50mm. Louvre frame: 63mm wide module. Frame material: Aluminium. Frame finish: PC01 -Perimeter frame: to match WAT01 -Louvre frame: to match WAT01 Louvre blade centres: 135mm. Blade span: 1400mm maximum. Security: Provide 8mm diameter stainless steel security bars fitted inside the louvre bearers. Seals: Sealed on all 4 sides with EPDM or polyethylene brush gaskets on upright sections and each horizontal transom.		1	Y
04: ENCLOSURE	WAT02	(continued)	0451 - Windows and Glazed Doors	Operation: - Manual operation with cam driven lever handle (low level) Glazing: ComfortPlus laminated safety glass, GL03. Glass thickness: 6.38mm nominal minimum. Pull out force required to remove glass: 200kg Insect screens: Provide removable internal screens. Black stainless steel vermin proof mesh. Required combined frame and glazing thermal values: -U value: 5.4 -SHGC: 0.31 Design requirements: -Acoustic RW33 -System to meet minimum thermal ESD report requirements -System to meet minimum acoustic report requirements		1	N
04: ENCLOSURE	AP01	ACCESS PANEL TYPE 01 - CEILING PANEL	0453 - Doors and Access Panels	Description: Proprietary hinged acoustic access panel for non fire rated walls / ceilings. Location: Perforated PB ceilings Type: Set Bead Edge Performance criteria: - Acoustic: Rw34 Opening size: 600 x 600 mm. Refer to the drawings. Panel material: - Perforated acoustic panel to match adjacent ceiling. Removable lock plate to access lock. Acoustic seal and internal sound blanket. Frame material: Pre-primed steel Finish: Paint to match wall / ceiling Lock: Budget lock / Key cam Proprietary item: Gyptone Perforated Access Panels (perforated PB ceiling) Proprietary item: Gyptone Perforated Access Panels (perforated FC ceiling)		1	Y

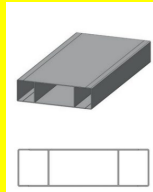
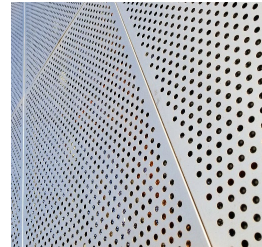
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	AP02	ACCESS PANEL TYPE 02 Fire rated ceiling	0453 - Doors and Access Panels	Description: Proprietary hinged access panel for fire rated ceilings. Type: Flanged Edge / Wet Wall Performance criteria: - Fire rating: 60 / 120 RISF - Acoustic: Refer to Acoustic Report Opening size: Refer to Services drawings Frame material: Pre-primed steel. Panel material: Fire rated board. Finish: Paint to match ceiling. Lock: Key cam Proprietary item: TRAFLAGAR FRC range. Requirements: - Trim opening for frame installation		1	
04: ENCLOSURE	DG01	DOOR GRILLE TYPE 01	0453 - Doors and Access Panels	Description: Extruded aluminium "zed" louvres within aluminium door leaf framing to from a Louvre Door. Opening size: refer to door schedule Louvres: - Width: 32mm (nominal) - Height: 70mm (nominal). - Pitch: 60mm (nominal) Nominal free area: XX% Finish: To match aluminium door leaf Requirements: - Provide fixed aluminium screens behind all external doors Refer to mechanical documentation			Y
04: ENCLOSURE	DG02	DOOR GRILLE TYPE 02	0453 - Doors and Access Panels	Description: Full extruded aluminium chevron louvre blades within a telescopic frame to suit door leaf width. Opening size: refer to door schedule Louvres: - Width: 32mm (nominal) - Height: 27mm (nominal). - Pitch: 21mm (nominal) Nominal free area: 50%Nominal Finish: Clear anodised / powder coat Requirements: - Provide fixed aluminium screens behind all external doors			Y
04: ENCLOSURE	ADF01	ALUMINIUM DOOR FRAME TYPE 01	0451 - Windows and Glazed Doors Door Schedule	Description: Extruded aluminium box section door frame. Profile: To match Window Assembly Type WAT01 Material: Marine grade aluminium. Finish: Powder coat - Colour: Black Overall size: 102 x 45mm (nom) Thickness : 2.0 mm Requirements: - Provide door/ acoustic stops with seals Refer to door schedule.		1	Y
04: ENCLOSURE	SDF02	STEEL DOOR FRAME TYPE 2 - DOUBLE REBATE	0453 - Doors and Access Panels	Description: Double rebate steel door frame for framed walls Material: - Zinc coated (Z100 / Z200 / Z275 / Z450) G2 steel Thickness: 1.4 mm Overall size: Wall thickness (including finishes) + 5mm Width between back flanges: To suit stud framing depth +nom 5mm Architrave width: 38mm Rebate: 42 x 15mm Requirements: - Fully welded construction - Provide welded backing plates to reinforce hinge fixing points		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	SDF03	STEEL DOOR FRAME TYPE 3 - 1HR FIRE DOOR DOUBLE REBATE	0453 - Doors and Access Panels	Description: Internal steel double rebate fire door frame for single leaf fire doors with 1 hour (or less) fire rating Material: - Zinc coated (Z100 / Z200 / Z275 / Z450) G2 steel Thickness: 1.5 mm Overall size: Wall thickness (including finishes) + 30 mm Width between back flanges: To suit wall thickness including fire rated finishes. Architrave width: 38mm Rebate: 42 x 25mm Requirements: - Fully welded construction - Provide welded backing plates to reinforce hinge fixing points		1	Y
04: ENCLOSURE	SDF04	STEEL DOOR FRAME TYPE 4 - 1HR & ABOVE FIRE DOOR DOUBLE REBATE	0453 - Doors and Access Panels	Description: Steel double rebate fire door frame Material: - Zinc coated (Z100 / Z200 / Z275 / Z450) G2 steel Thickness: 1.5 mm Overall size: Wall thickness (including finishes) + 30 mm Width between back flanges: To suit wall thickness including fire rated finishes. Architrave width: 38mm Rebate: 51 x 25mm Requirements: - Fully welded construction - Provide welded backing plates to reinforce hinge fixing points		1	Y
04: ENCLOSURE	SCD01	SOLID CORE DOOR TYPE 1 - EXTERNAL	0453 - Doors and Access Panels	Leaf type: Solid core flush door suitable for external use. Door thickness (mm): 40mm nom. Core material: 32mm thick HMR Blockboard Facing: 4mm thick marine ply to both faces (Grade 2 durability minimum) Edge strips: All sides Panel: - Type: Refer to Door Schedule - Size Refer to Door Schedule Finish: Paint		1	Y
04: ENCLOSURE	SCD03	SOLID CORE DOOR TYPE 3- INTERNAL	0453 - Doors and Access Panels	Leaf type: Solid core flush internal door were leaf width more than 800mm Door thickness (mm): 40mm nom. Core material: - 33mm thick HMR particleboard Facing: - 3 mm MDF Edge strips: Stiles only Panel type: Refer to Door Schedule - Opening (h x w) Refer to Door Schedule Finish: paint Requirements: - 0.5mm Paint grade veneer to both faces		1	Y

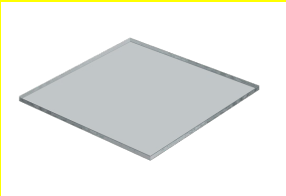
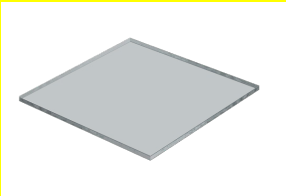
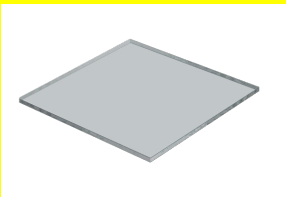
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	FRD01	FIRE DOOR TYPE 01 - REFER TO DOOR SCHEDULE	0453 - Doors and Access Panels	Description: A 1 hour rated internal single leaf fire door assembly comprising frame, door leaf, other panels, hardware, seals, and any glazing that when closed resists the passage of fire and smoke in accordance with specified performance criteria. Performance criteria: -FRL: - /60/30 FRL Refer Door Schedule - Smoke sealing: Required / Not required - Door thickness (mm): 36-38mm nom. - Core material: Vermiculite core or equivalent - Facing : - 0.6mm thick zinc / aluminium alloy metal facing - Veneer: Paint grade/ Select grade - Edge strips: All sides - Vision panel: No - Size (h x w) (mm): Refer to door schedule - Finish: paint - Requirements: - Self closing - Provide seals to smoke doors		1	Y
04: ENCLOSURE	FRD02	FIRE DOOR TYPE 02 - REFER TO DOOR SCHEDULE	0453 - Doors and Access Panels	Description: A 1 or 2 hour rated fire door assembly comprising frame, door leaves, other panels, hardware, seals, and any glazing that when closed resists the passage of fire and smoke in accordance with specified performance criteria. Performance criteria: -FRL: -/60/30 or -/120/30 Refer Door Schedule - Smoke sealing: Required - Door thickness (mm): 45-48mm nom. - Core material: Vermiculite core or equivalent - Facing - 0.6mm thick zinc / aluminium alloy metal facing - Veneer: Paint grade to manufacturers detail. - Edge strips: All sides - Vision panel: No - Finish: paint - Requirements: - Self closing - Provide seals to smoke doors - Refer to door schedule for selected doors.		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	FOD01	FOLDING DOOR	0454 - Overhead Doors	Location Hall / COLA area General: A proprietary system comprising a door of two linked horizontal panels hinged together, fitted with rollers running in side tracks fixed to the building structure which guide the door when opened to a position above the opening. The door system is to be inclusive of the manufacturer's standard operating gear, motor, hardware and accessories as necessary for satisfactory performance. Door frame structure: Fabricated from extruded aluminium box sections, minimum 150 x 50mm, sized to suit the load of the door, and with front glazing pockets. Finish to door frame: Powder coated. Glazing: -Type: Double glazing. Outer pane: Low E laminated clear glass. Cavity: 6mm. Inner pane: Clear laminated glass. -Thickness: Minimum 6.38mm laminated glass, to the requirements of AS1288. Wind loading: Install so that the shutter, in its closed position, withstands wind pressure on the surface without impairment of its ability to function. -Wind pressure: Refer to the Structural drawings. Side tracks: Fabricated from the manufacturer's standard extruded section and finished to match the door framing. Counterbalancing: Counterbalance the doors by a system using a counter weights hung on galvanized flexible multi-strand steel cables with a minimum safety factor of 6:1. Provide steel sheaves machined to correctly bed the cables and having a sheave to cable diameter ratio of at least 19:1. Operation: Motorised. The doors are to be driven by a patented dual 24 volt DC motor drive operating the linkage and counter weight. No chain drive is to be attached to the guide track that can be accessed from outside the enclosure. Continues in row below			
				Controls: The motors are to be controlled by custom logic control design specifically for this project. Control type: Key switch and card key. Counterweight covers: Floor to ceiling U-shaped covers, on each side of the door, fabricated from metal cladding. Provide removable counter weight covers on the motor side for service access. Seals: Brush seals around the doors. Proprietary item: Austral Moonsoon AB100 Bi-fold door w/o intermediate stiffener			
04: ENCLOSURE	FLY01	FLYSCREEN TYPE 01 - STANDARD GRADE	0453 - Doors and Access Panels	Flyscreen and surround frame Location: All operable windows Grade: Standard grade metal Frame: Extruded aluminium Frame Colour: To match window Flyscreen colour: TBC		2	Y
04: ENCLOSURE	FLY03	FLYSCREEN TYPE 02 - CANTEEN WINOWS	0453 - Doors and Access Panels	Location: Canteen and Kitchenette servery windows TYPE: Retractable insectscreen, consisting of top cassette and side guides and intermediate stops MESH: Tuff GUIDE: 100mm, for improved mesh retention FRAME FINISH: Match window frame	 	2	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	RS01	ROLLER SHUTTER TYPE 01	0454 Overhead Doors	Location: Canteen Type: Proprietary steel roller shutter complete with all necessary accessories including guides and trims. Curtain material: Galvanised steel Slat type: Interlocking. Slat size: 75 x 0.6 mm Finish: Powdercoat - Colour: To match window joinery Drum: Fabricated from galvanised steel tube of 168mm outside diameter. All gaps to be vermin proof sealed. Deflection: no more than 1/ 400 of span. Side guides: Cold rolled galvanised steel channels min. 2.5mm thick Brackets: 8mm thick galvanised mild steel. Fixing: min 3 off 12mm dia. Anchors to each bracket Bottom rail: Cold rolled galvanised steel (min 2.0mm thick) box section stiffening member interlocking with the bottom edge or lowest slat of the curtain, extending between the inner face of the vertical guides, formed or adapted where necessary to follow the contour of a sloping floor or threshold. The rail may also be adapted to house the locking device. Operation: Manual Hardware: - 2 x 125mm pull handles 300mm either side of door centre. - Sliding padbolts inside Hardware location: Inside Requirements: - Provide end/ windlock clips to every alternate slat		1	Y
	RS02	ROLLER SHUTTER TYPE 02	0454 Overhead Doors	Location GA Shed Type: A proprietary system comprising a door with linking horizontal panels hinged together, fitted with rollers running in side tracks fixed to the building structure which guide the door when opened to a position above and behind the opening. The door system is to be inclusive of the manufacturer's standard operating gear, motor, hardware and accessories as necessary for satisfactory performance. Location; External roller doors. Refer to drawings. Panel: - Material: Colorbond - Frame material: Colorbond to match adjacent cladding Roller: Seamless drawn steel tube housing counterbalanced springs of diameter and thickness appropriate to the size and application of the door Guides: Mild steel tracks Brackets: Fabricated from mild steel in sizes and thicknesses to suit the door type, size and weight Finish: Powdercoat to match wall cladding - Colour: TBC Operation: Electric Motor provide power Controls: - Toggle switch - Sensor(s) Safety features: - Closing door reversed by infra-red sensor or photocell. Hardware: Requirements: - Electric motor, drive type and controls as recommended by door manufacturer for application. - Provide emergency chain operation in event of power failure Proprietary item: Sectional Overhead Door by TOMPSON ROLLER SHUTTERS or approved equivalent			
04: ENCLOSURE	LV01	LOUVRE TYPE 01 - GLAZED LOUVRE	0456 - Louvre windows Door Schedule	Refer WAT02		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	LV02	LOUVRE TYPE 02 - ALUMINIUM MECH. WEATHERPROOF LOUVRE W/ SECURITY & VERMIN MESH	0456 - Louvre windows Door Schedule	Location General: Refer to the drawings. Description Type: Fixed horizontal louvres with perimeter frames. Material: Aluminium. Finish: PC01 Bird mesh: Provide stainless steel bird-proof mesh to the rear of the louvres. Louvres: Stepped profile, double rain trap design. Louvre pitch: Approximately 100mm. Head: Approximately 50 x 25mm channel. Jambs: Approximately 50 x 25mm box section Sill: Approximately 50 x 25mm box section with extruded aluminium sub-sill. Installation: To the manufacturer's recommendations. Proprietary item: Arcadia SPUR EL 1 WL' weather proof louvres 50mm depth Provide Blanking panel where not required for Mechanical duct. For large continuous spans upto 6m, provide a flat bar across the back of the panel for additional rigidity. Refer to mechanical documentation for minimal free air requirement.		2	Y
04: ENCLOSURE	LV03	LOUVRE TYPE 03 -	0456 - Louvre windows Door Schedule	Location: All elevations Type: Extruded aluminium box section.Perimeter frame. Bottom section to be installed on angle to avoid bird roosting Size: 440 x 75mm Weight: 12.0 kg/m. or 18 kg/m Finish: Powder coated. Colour: Timber pattern Proprietary item: Zest Rectangular Sun Blade by Arcadia. Requirement: Provide sample for approval		2	Y
	LV04	LOUVRE TYPE 04 - MECHANICAL ENCLOSURE	0456 - Louvre windows Door Schedule	Location: Mechanical enclosure Type: Fixed Aluminium louvre screen with in built hinged door. Refer to Acoustic documentaion for required rating Colour PC			
04: ENCLOSURE	SCN01	ALUMINIUM PERFORATED SCREEN -	0457 - External Screens 0552 - Metalwork - fabricated	Location: COLA Panel type: Perforated Aluminium panels Material: 3mm thick Aluminium panels Proprietary item: Group Arcadia Panel Size: TBC Perforations: 15mm Dia 25% Free Area 3.25mm holes at 6.1mm centres Patten: TBC Finish: Powder Coat aluminium external grade Colour1: TBC Colour 2: TBC Spacing: 50mm gap between panels Fixing: SS Domed hex head bolt with SS washers to manufacturers requirements. Edge: double folded edges		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	SCN02	ALUMINIUM PERFORATED SCREEN -	0457 - External Screens 0552 - Metalwork - fabricated	Location: Egress stairs Panel type: Perforated Aluminium panels Material: 3mm thick Aluminium panels Proprietary item: X-tend from Ronstan Panel Size: TBC aperture: 25 x 43 Finish: stainless steel Fixing: SS screw fixing to sub frame. Alternative option: SCN01 on all stairs		1	Y
04: ENCLOSURE	GF01	APPLIED GLAZING FILM - STANDARD	0451 - Windows and Glazed Doors Door Schedule 0461 - Glazing	Type: Proprietary window film for glass. Function: Decorative Material: Patterned scratch resistant polyester film Proprietary item: 3M Commercial Window Films "Fasara / Crystal / Dichroic" Finish: Standard Design pattern: Standard Colour: Generally Frosted White (Check specific instillation location on site prior to film order to confirm colour contrast with adjacent finishes) Opacity: Translucent / Transparent (partial) Product reference: Requirements: - To meet requirements of AS1428.		1	Y
04: ENCLOSURE	GF02	APPLIED GLAZING FILM - GRAPHIC PRINT REFER TO GRAPHICS PACKAGE	0451 - Windows and Glazed Doors Door Schedule 0461 - Glazing	Type: Proprietary window film for glass. Function: Decorative Material: Patterned scratch resistant polyester film Proprietary item: 3M Commercial Window Films "Fasara / Crystal / Dichroic" Finish: Refer to Graphics & Signage Package Design pattern: Refer to Graphics & Signage Package Opacity: Translucent / Transparent (partial) Product reference: Requirements: - To meet requirements of AS1428. - Refer to Signage package for proposed Graphic.		1	Y
04: ENCLOSURE	GL01	GLASS TYPE 01 - INTERNAL	0451 - Windows and Glazed Doors Door Schedule 0461 - Glazing	Location General: To internal windows and glazed screens and to internal glazed doors. Description Type: Clear laminated safety glass. Thickness: To AS 1288. 10.38mm to all glazing in acoustical treated walls Proprietary item: VLam Clear by Viridian. Design requirements: - Glass to meet ESD report thermal requirements - Glass to meet Acoustic report requirements		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	GL02	GLASS TYPE 02 - EXTERNAL	0451 - Windows and Glazed Doors Door Schedule 0461 - Glazing	Location: General: Single glazing to external windows with security level A and B. Refer to the drawings Description Type: Neutral laminated Comfort plus glass. Thickness: 6.38 mm. Glass performance data -U value: 3.6 -SHGC: 0.49 -Visible Light Transmission: 59 Proprietary item: ComfortPlus Clear by Viridian (Glass type to meet Design requirements: -Glass to meet ESD report thermal requirements -Glass to meet Acoustic report requirements		2	Y
04: ENCLOSURE	GL03	GLASS TYPE 03 - LOUVRE GLAZING	0451 - Windows and Glazed Doors Door Schedule 0461 - Glazing	Location General: Single glazing to external glazed louvres. Refer to the drawings Description Type: Neutral laminated Comfort Hush. Thickness: 6.5mm. Glass performance data -U value: 3.6 -SHGC: 0.52 -Visible Light Transmission: 60 Proprietary item: Comfort HUSH Clear by Viridian (Glass type to meet Design requirements: -Glass to meet ESD report thermal requirements -Glass to meet Acoustic report requirements		2	Y
04: ENCLOSURE	GL04	GLASS TYPE 04 - EXTERNAL	0451 - Windows and Glazed Doors Door Schedule 0461 - Glazing	Location: All external security level D and C and Doors. General: Single glazing to external windows and doors security level C. Refer to the drawings Description Type: Neutral laminated ComfortHush glass. Thickness: 10.38 mm. Glass performance data -U value: 3.6 -SHGC: 0.51 -Visible Light Transmission: 62 Proprietary item: ComfortPlus Clear by Viridian (Glass type to meet Design requirements: -Glass to meet ESD report thermal requirements -Glass to meet Acoustic report requirements		2	Y
04: ENCLOSURE	GL05	GLASS TYPE 05 - EXTERNAL	0451 - Windows and Glazed Doors Door Schedule 0461 - Glazing	Location : Library Level 2, Grid D, refer to drawings Type V-Tough Thickness: 9.52 mm Toughened / Laminate Requirements: to comply with Fire engineering report and EFSG requirements		2	Y

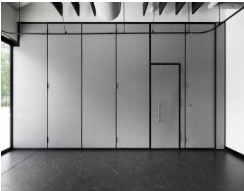
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	INS01	INSULATION – THERMAL AND ACOUSTIC WALL	0471 - Thermal insulation and pliable membranes 0472 - Acoustic insulation	Location: All walls requiring Thermo and/or Acoustic properties For 92mm or 150mm stud walls Type: Glasswool insulation batts Standard: To AS/NZS 4859.1. Installation: Install to full height of wall between stud framing. Requirement: Non-combustible when tested in accordance with AS 1530.1 Fire indices: -Ignitability: 0 -Spread of flame: 0 -Heat evolved: 0 -Smoke developed: 0-1. Mass: R value (insulation only): R1.8 R value (Total Wall system): R1.0 - average inc. bridging. Refer to ESD report Thickness: 75mm Density(kg/m3): 14kg/m3 Fixing: Metal frame bridging (15%) with R0.2 Thermal tape between frame and plaster Proprietary item: Fletchers Pink Partition wall batts. Refer to TB01 for thermal break. -Insulation to meet ESD / Section J report thermal requirements thermal break required on thermal envelope walls only. Refer to ESD documentation		1	Y
04: ENCLOSURE	INS05	INSULATION – THERMAL UNDER SLAB ON GROUND	0471 - Thermal insulation and pliable membranes	TBC		1	TBC
04: ENCLOSURE	INS10	INSULATION – THERMAL CEILING	0471 - Insulation and pliable membranes	Location: All walls requiring Thermo and/or Acoustic properties Between roof cassette framing Description Material: Glasswool ceiling batts. Standard: To AS/NZS 4859.1. Thickness: 90mm. Size: as per manufacturers specification R-value insulation only: R2.5 R value (Roof and ceiling system): R3.2 (min) Fixing: Laid between prefabricated roof panel system Proprietary item: Fletchers Pink Battis or equivalent -Insulation to meet ESD / Section J report thermal requirements		1	Y
04: ENCLOSURE	INS13	INSULATION - ACOUSTIC CEILING INSULATION	0471 - Thermal insulation and pliable membranes 0472 - Acoustic insulation	Location: Above all new perforated ceilings. Type/ product: Thermally bonded polyester fibre batts/ blanket with min 80% recycled fibre content. Suitable for walls and ceilings. Fire Hazard Properties: Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 0-1 NCC Group: Group 1 Density :14Kg/m3 Thickness: 25mm Fixing: Laid between perforated ceiling & set ceiling for rain noise reduction. Requirements: -Provide insulation of black colour or with black facing tissue behind perforated linings Refer to Acoustic Report.		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	INS15	INSULATION - THERMAL ROOF BLANKET	0471 - Thermal insulation and pliable membranes 0472 - Acoustic insulation	Location: Generally to underside of all roof sheeting above internal areas Type: To consist of Glasswool insulation with reflective foil laminate vapour barrier bonded to the underside. R value insulation only: R2.5 R value (Total Roof & Ceiling system): R3.2(min) Thickness: 110mm Foil face type: MD Supplier: Fletchers Standard: To AS/NZS 4859.1. Installation: Over roof safety mesh to manufacturers requirements Joints: Lap the joints to manufacturers requirements Roof Spacer: Refer MR05 Ceiling insulation: Refer INS03 -Insulation to meet ESD / Section J report thermal requirements Requirements: -For > 60mm blanket provide blanket spacer MR05 to purlins.		1	Y
04: ENCLOSURE	INS25	VERMIN PROOF INSULATION	0471 - Thermal insulation and pliable membranes 0472 - Acoustic insulation	Location General: For framed and lined stud walls around kitchens or food preparation areas. Refer to the drawings. Description Standard: To AS 4674 Design, Construction and Fitout of Food Premises. Requirement: Foam insulation to fill a framed and lined stud wall to achieve a commercial grade solid wall which complies with the BCA and AS 4674. Material: Icynene foam. Installation: In accordance with the manufacturer's recommendations. Inject the spray into walls that have been lined on both sides via 10mm diameter holes strategically pre-drilled to enable the injection process to fill the wall for the full height. Certification: Upon completion, provide certification and thermal imaging to confirm that the foam-filled walls meets the requirements of the BCA and AS 4674. Proprietary item: Easyfoam Spray Foam Insulation.		1	Y
04: ENCLOSURE	INS30	FIRE SEALING INSULATION	0471 - Thermal insulation and pliable membranes 0472 - Acoustic insulation			2	Y
04: ENCLOSURE	TB01	SARKING TYPE 01 (THERMAL BREAK) - R0.2 - NON COMBUSTIBLE	0471 - Thermal insulation and pliable membranes	Framed wall thermal break strips: -Application: To steel framing with lightweight external cladding. Type/ product: Non combustible thermal break roll. Thickness: nominal 6mm Roll width: nom 90mm Proprietary item: TBA Firefly Vulcan R0.2 Thermal Break Requirements: -R- Value: 0.2 min. -Screw fix to studs either over or under a non combustible vapour barrier.		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
04: ENCLOSURE	PM01	SARKING TYPE 02- NON COMBUSTIBLE	0471 - Thermal insulation and pliable membranes	Name: Extra heavy duty radiant water vapour barrier, non-permeable membrane, consisting of a layer of woven glass fabric with aluminium foil laminate, non-combustible sarking in accordance NCC Volume One, C1.12.1. Tested to AS 1530.1. Early fire hazard properties to AS/NZS 1530.1: -Ignitability index: 0 -Spread of flame index: 0 -Heat evolved index: 0 -Smoke developed index: 1. Thickness: 0.2mm. Roll: 1270mm wide x 50m. Joints: To be sealed with fire-rated aluminium tape. Proprietary item: Breathable Non-combustible Sarking by Firefly. Firefly Vulcan R0.2 Thermal Break Type: TBA Firefly Passive Fire Protection/ Non-Combustible Sarking with integral thermal insulation, or acceptable equivalent. Product Code: EKA161/1.27m. Width: 1.27 meters. Thickness: 0.2mm. Weight per roll (1.27m x 50m (L) x 0.2mm): 14.5 kg. Installation: As per manufacturers' written instructions and in accordance with AS/NZS 4200.2 Accessories: Class O Fire Rated Aluminium Tape.		1	Y
		05: INTERIOR					
05: INTERIOR	CT01	STAGE FRONT CURTAIN TRACK	0191 - Sundry items	Type: Heavy extruded aluminium stage track for provision of low friction ball bearings-type wheeled master carriers and runners. Support Structure: Refer to structural engineer's details Length and Track layout: Refer to drawings Fixing: Secure to the roof ceiling space by steel-brackets compatible with the track profile Track : alum - black anodised Curtain : Fire retardant black curtain - biparting in the middle. MANUAL CURTAIN		2	Y
05: INTERIOR	CT02	BACK DROP CURTAIN TRACK	0191 - Sundry items	Type: Heavy extruded aluminium stage track for provision of low friction ball bearings-type wheeled master carriers and runners Support Structure: Refer to structural engineer's details Length and Track layout: Refer to drawings Fixing: Secure to roof structure with special purpose clamps track : alum - black anodised Curtain : Fire retardant black curtain MANUAL CURTAIN		2	Y
05: INTERIOR	FC01	FIBRE CEMENT TYPE 01 - CEILING & SOFFIT LINING	0511 - Lining	Location: All fibre cement ceilings unless noted otherwise. Where noted in the Finishes Schedule or shown on the drawings. Thickness: 6mm Category: Type B Category 2 Edge finish: Recessed Joint type: Flush for internal & Express for external Trim: Shadow line stopping bead at junctions. Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Group Number 1		1	Y

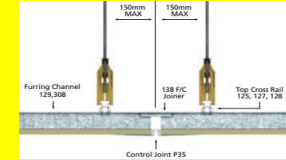
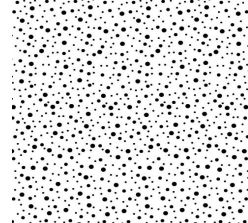
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	FC02	FIBRE CEMENT - PERFORATED CEILING	0511 - Lining	Location: Where noted in the Finishes Schedule or shown on the drawings. Thickness: 6mm Hole size:4.5mm Free Area:10.2% Product: DecorLux AL125s/45 Backing: Black Acoustic Backing where proposed internally. Category: Type B Category 2 Edge finish: Expressed Joint: Expressed 10mm gap Trim: Expressed black backing strip or Expressed joint silicon seal. Refer to CLG types. Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Group Number 1		1	Y
05: INTERIOR	FC03	FIBRE CEMENT - 9mm FIBRE CEMENT - WALL LININGS	0511 - Lining	Location: All fibre cement wall linings unless noted otherwise. Where noted in the Finishes Schedule or shown on the drawings.□ Thickness: 9mm□ Category: Type B Category 2□ Edge finish:Recessed□ Joint type: Flush□ Trim: Shadow line stopping bead at junctions.□ Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish.□ Group Number 1□		1	Y
05: INTERIOR	MS01	SECURITY MESH LINING TYPE 1	0511 - Lining	Location: For all Category D secure spaces. Refer to drawings. Type: Expanded & flattened metal mesh. Material: Galvanised steel Weight: 2.5kg/m2 Open Area: 85% Nom. Mesh size: LWM - 100mm / SWM- 50mm Strand width: Nom 4.0mm Thickness: Nom 2.0mm Sheet height: Nom 7.5mm Requirements: - Lay behind wall or ceiling lining. - Use self tapping security screw fixings into wall/ ceiling framing. EFSG requirement behind linings to Category D security spaces		1	Y
05: INTERIOR	PLB01	PLASTERBOARD - CEILINGS STANDARD	0511 - Lining	Location: All plasterboard ceilings unless noted otherwise. Where noted in the Finishes Schedule or shown on the drawings. Thickness: 13mm. Mass:8.5kg/m2 Edge type: Recessed Joint type: Flush Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Proprietary item: CSR Plasterboard CD. Group Number 1		1	Y
05: INTERIOR	PLB02	PLASTERBOARD - CEILINGS PERFORATED	0511 - Lining	Location: Where noted in the Finishes Schedule or shown on the drawings. Includes ceiling CLG01. Perforated pattern for typical 1200mm wide sheet. Unperforated margin: 75mm wide to walls Areas of perforation: 450 x 1050mm, with 150mm wide unperforated margins between. Thickness: 13mm. Mass:10.0kg/m2 Edge type: Recessed Joint type: Flush Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Proprietary item:CSR Gyprock Rigitone Galaxy Perforated Plasterboard.. Group Number 1		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	PLB03	PLASTERBOARD - 13MM IMPACT RESISTANT	0511 - Lining	Location: All plasterboard for wall linings, unless noted otherwise. Where noted in the Finishes Schedule or shown on the drawings. Type: Impact resistant fire rated plasterboard with glass fibre reinforced gypsum core and with fibreglass mesh bonded to the back face. Thickness: 13mm Mass:12.1kg/m2 Edge type: Recessed Joint type: Flush Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Proprietary item: EC08 Impact Plasterboard Group Number 1.		1	Y
05: INTERIOR	PLB04	PLASTERBOARD - 13MM FIRE RATED	0511 - Lining	Location: Fire resistant plasterboard includes walls and ceiling Refer to the drawings. Type: Fire rated impact and moisture resistant plasterboard. FRL: 60/60/60 Thickness: 13mm min to achieve FRL (one side only) Edge type: Recessed Joint type: Flush Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Proprietary item: Equal to CSR "Fyrchek" Group Number 1		1	Y
05: INTERIOR	PLB05	PLASTERBOARD - 13MM MOISTURE RESISTANT	0511 - Lining	Location : Where noted in the Finishes Schedule or shown on the drawings. Type: Fire rated impact and moisture resistant plasterboard. Thickness: 13mm Mass:9.8 kg/m2 Edge type: Recessed Joint type: Flush Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Proprietary item: Gyproc Aquacheck or equivalent Group Number 1		1	Y
05: INTERIOR	PLB07	PLASTERBOARD - 2x16MM FIRE RATED	0511 - Lining	Location: Fire resistant plasterboard includes walls and ceiling Refer to the drawings. Type: Fire rated impact and moisture resistant plasterboard. FRL: 120/120/120 and 90/90/90 Thickness: 2 x 16mm = 32mm min to achieve FRL. Edge type: Recessed Joint type: Flush Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Proprietary item: Equal to CSR "Fyrchek" or CSR Fyrchek MR where outside (CSR 120) Group Number 1		1	Y
05: INTERIOR	PLB08	PLASTERBOARD - 16MM FIRE RATED		Location: Fire resistant plasterboard includes walls and ceiling Refer to the drawings. Type: Fire rated impact and moisture resistant plasterboard. FRL: 60/60/60 Thickness: 16mm to achieve FRL. Edge type: Recessed Joint type: Flush Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Proprietary item: Equal to CSR "Fyrchek" (CSR 218c) Group Number 1		1	Y
05: INTERIOR	PLB09	PLASTERBOARD - 16MM MOISTURE RESISTANT FIRE RATED	0511 - Lining	Location: Fire resistant plasterboard includes walls and ceiling Refer to the drawings. Type: Fire rated impact and moisture resistant plasterboard. FRL: 60/60/60 Thickness: 16mm min to achieve FRL Edge type: Recessed Joint type: Flush Level of finish: Level 4 to AS/NZ 2589.1, with smooth and plumb surface free of irregularities and capable of sustaining a semi-gloss or low gloss paint finish. Proprietary item: Equal to CSR "Fyrchek Moisture Resistant" Group Number 1		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	OPW01	OPERABLE WALL TYPE 01	0527 - Room dividers	Type: Proprietary top supported, manually operated panels that can be linked together to form a sound retardant closure. System to be complete with tracks, seals, guides and operating gear Location : Withdrawal rooms and special programs rooms Stacking arrangement: - Remote stack Panels: Size and number: refer to drawings Height: refer to drawings -Thickness: Nominal 100 - 125 mm Construction: Sandwich of board and/or steel separated by acoustic insulation to achieve the required acoustic rating. Panel faces are to be contained within a concealed perimeter frame with interlocking stiles. Panel edge: Standard / Fineline / Overlay. As required to achieve acoustic rating. Surface finish: Pin board fabric full height to both sides. - Proprietary item: AUTEX "Composition" - Colour: as selected from "Vertifac" Range - "TBA" - Exposed aluminium trims: Powder coat 'Black' Acoustic rating: The manufacturer shall guarantee that the operable walls are of a construction to achieve Rw 51 based on acoustic tests to AS1276 by a NATA approved independent Australian acoustic laboratory. ****Continues below****		1	Y
05: INTERIOR		Continued	0527 - Room dividers	Closure: - The operable wall is to be acoustically opened and closed by a pass door at the end of the operable wall. - Expanding (Balloon) jamb Pass door (s): Full height hinged panel to end Pass door hardware: Key operated lockset with lever handles and plates matching adjacent door hardware Seals: - Top seals: Seal to the track by sweep seals - Bottom seals: Seal to the floor by retractable seals Track: Extruded aluminium recessed into ceiling. - Size: Nominal 150 x 50 mm - Finish: Powder coated. Track support: - Head track fixed to steel beam over. - suspended and braced from concrete slab over. Acoustic barrier: Provide an acoustic barrier in the ceiling space with equal acoustic performance to the operable wall. Requirements: - When the operable wall is opened, panels shall be parked in a Remote Dual Stacking configuration. - Wall shall be acoustically opened and closed by an expanding panel at the stacking end of the wall. The retractable seals will operate automatically when the sleeve is wound in and out Proprietary item: LOTUS Operable Wall 100 Series (100S/51/RX2) Supplier: Lotus Folding Walls and Doors Pty Ltd 10/37-41 O'Riordan St Alexandria NSW 2015 Tel:1300 2268 7842 Email: nsw.sales@lotusdoors.com.au		1	N

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	SLW02	SLIDING WALL TYPE 02 - INTERNAL GLASS SLIDING	0527 - Room dividers	Type: LOTUS commercial top supported, manually operated sliding door panels forming a sound retardant closure complete with tracks, guides, receiving jambs and acoustic seals appropriate to the arrangement. Stacking arrangement: - - Faced fixed. Panels: - Panel layout: Single - Height: refer to drawings - Thickness: Nominal 80 mm - Construction: Extruded aluminium panel frame with glazing modules. Maximum weight of leading panel: To comply with the BCA requirement for egress, i.e. able to be opened manually opened under a force of not more than 110N & 20N to first 850mm. All breaking / anti-slam mechanisms should not increase this opening force - Frame Type: 80mm perimeter frame with 110mm leading stile - Frame finish: Powder coat with Black colour - Glazing: Clear laminated acoustic glazing. Refer to GL02 for details. - Proprietary item: VLam Clear by Viridian. - Thickness: Min 10.38mm Acoustic rating: Min Rw 35. The whole acoustic sliding system (not just the panel) is to be in construction equal to that tested to AS/NZS ISO 717.1 2004 by a NATA approved independent Australian acoustic laboratory to achieve the required rating. Door hardware: - Sabre 750mm SSS Bar Handles to both sides set out to comply with clearance requirements of AS1428.1 - Lever Turn Snib on inside and keylock from outside Seals: Provide top, bottom, wall, and cavity seals as required to obtain the required acoustic rating. Lotus Type 1 Seal Configuration ****Continues below****		1	Y
05: INTERIOR	SLW02	Continued	0527 - Room dividers	Track: Extruded aluminium surface mounted to ceiling / bulkhead. Lotus 100-1 track or approved equivalent - Finish: Powder coated with Black colour. Track support: - Suspended and braced from steel beam over. Steel supports to be designed with a max deflection under moving load as per manufacturers requirement. Acoustic barrier: Provide an acoustic barrier in the ceiling space with equal acoustic performance to the operable wall. Refer to acoustic report. Requirements: - Graphic signage provided for selected doors. Refer to signage package Warranty: Provide a 1 year warranty against manufacturing and installation defects. Accessories: Provide the following: - Provide Lotus SABS Motion adjustable resistance (or approved equivalent), velocity damping/braking device to control the speed of the panel as it approaches either end of its motion. - Footbolt in the leading stile of the panel to allow it to be locked in the open position. - Provide AS1428 complying track to the bottom of the doors and a pin to hold the doors in place. Both items to be provided by door manufacturer. Proprietary Item GS bottom bearing guide into the slider rail and small 40mm GS track by LOTUS or approved equivalent Proprietary item: Lotus SL80+ Glazed Acoustic Face Fixed Slider – Single or approved equivalent Code: SL80+/39/FS1 Supplier: Lotus Folding Walls & Doors 10/37-41 O'Riordan St, Alexandria NSW 2015 Tel: (02) 9519 9781 Email: nsw.sales@lotusdoors.com.au		1	N

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	SLW03	SLIDING WALL TYPE 03 - SOLID	0527 - Room dividers	Type: Proprietary commercial top supported, manually operated sliding door panels forming a sound retardant closure complete with tracks, guides, receiving jambs and acoustic seals appropriate to the arrangement. Location: Between GLS rooms. Refer to drawings. Stacking arrangement: - In wall cavity. Panels: - Panel layout: Single or Bi Sliding Double. Refer to Drawings. - Height: refer to drawings - Thickness: Nominal 65 mm - Construction: Panels shall be constructed of a sandwich board separated by acoustic insulation to achieve the specified sound. Panels shall have a concealed intermediate stile between modules and the panel faces shall be contained within a perimeter frame. Panel faces shall be replaceable in the field. - Panel edge: Concealed Surface finish: Pin board to one leaf and whiteboard finish to other leaf - Proprietary item: AUTEX "Composition" - Exposed aluminium trims: Powder coat Viewing panel: Not Required - Size: Refer to door schedule Acoustic rating: Rw 30 (min)		1	Y
05: INTERIOR	SLW03	Continued		Door hardware: - Key operated lockset matching adjacent door hardware. Lever turn snib on inside and keylock from outside - 1000mm high D-Handle to both sides set out to comply with clearance requirements of AS1428.1 Seals: Provide top, bottom, wall, and cavity seals as required to obtain the required acoustic rating. Track: Extruded aluminium surface mounted to ceiling / bulkhead. - Finish: Powder coated with Black colour. Track support: - Head track fixed to steel beam over. - Suspended and braced from concrete slab over. Acoustic barrier: Provide an acoustic barrier in the ceiling space with equal acoustic performance to the operable wall. Requirements: - Ensure sliders can be opened with 20N force - The acoustic sliding door will include 'SABS Motion' an integrated closing velocity damping/braking device which slows the sliding door proportional to its speed when approaching the jamb (closing direction) and adding no resistance in the opening direction. The dampening force of the Device must be adjustable within a predefined range by a qualified Lotus technician to meet the customer's needs. Proprietary item: LOTUS Acoustic Slider Solid Sliding Wall System. Warranty: Provide a 1 year warranty against manufacturing and installation defects. 600 w x fullheight vision panel Supplier: Lotus Folding Walls and Doors Pty Ltd 10/37-41 O'Riordan St Alexandria NSW 2015 Tel:1300 2268 7842 Email: nsw.sales@lotusdoors.com.au		1	N
05: INTERIOR	ARC01	ARCHITRAVE TYPE 01	0531 - Suspending Ceilings Combined 0511 - Lining			1	Y

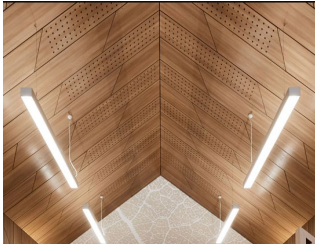
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	CJ20	CONTROL JOINT - PLASTERBOARD	0531 - Suspending Ceilings Combined	Typical Location: Ceiling with Plasterboard outer Layer. 12m maximum spacing , or where shown on the drawings. Description: - Rondo P35 Control Joints: To 2 layered fire-rated ceilings: Fire-rated sealant behind Rondo P35; - Refer to plasterboard Manufacturer's details - Align with CJ10 where achievable.		2	Y
05: INTERIOR	CLG01	SUSPENDED CEILING TYPE 01 - ACOUSTIC PERFORATED PLASTERBOARD	0531 - Suspending Ceilings Combined	Location - General learning spaces Refer to the drawings and the Finishes Schedule. Description General: Suspended flush perforated plasterboard ceiling. Ceiling material: 13mm perforated plasterboard. -Proprietary item: CSR Gyprock Rigitone Galaxy Perforated Plasterboard. (PLB02) Open area: Approximately 10%. Perforation pattern for a typical 1200mm wide sheet: -100% coverage Finish: Painted PTC03 unless noted otherwise. Support system: -Suspension system: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres, fixed to approximately 38 x 20mm suspended galvanised steel top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with galvanised steel rod at maximum 1200mm centres. Fixing: Screw fixed to the sheet manufacturer's recommended sizes and spacings. Sheet edge & Joints: square cut and pre-primed for seamless joint finish using ready-mixed Rigitone Filler to create a continuous, seamless finish. Perimeter detail: Shadow angle trim at wall to ceiling junctions. Acoustic blanket: Polyester fibre black lined acoustic blanket manufactured from thermally bonded polyester. Standard: To AS 3742 Finish: Black NRC:0.75 Provide rain noise reduction measures above all perforated ceilings. Refer to CLG13 for required details. Refer to Acoustic report for min requirements.		1	Y
05: INTERIOR	CLG02	SUSPENDED CEILING TYPE 02 - FLUSH PERFORATED FIBRE CEMENT EXPRESS JOINT	0531 - Suspending Ceilings Combined	Location General: Refer to the drawings and the Finishes Schedule. Description General: Suspended, or direct fixed, flush perforated fibre cement ceiling. Ceiling material: 6mm fibre cement sheet. (FC02) Finish: TBC Support system: -Suspension system: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres, fixed to approximately 38 x 20mm suspended galvanised steel top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with galvanised steel rod at maximum 1200mm centres. -Fixed directly to roof framing: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres connected to direct fixing clips fixed to roof framing. Movement joints in ceilings and soffits: Provide movement joints to divide ceilings into bays not larger than 10.8 x 7.2 m and soffit linings into bays not larger than 4.2 x 4.2 m or 5.4 x 3.6 m. Provide framing parallel to the joint on each side. Do not fix the lining to abutting building surfaces. Fixing: Expressed dome head screw fixing paint colour to match panel. Fixings and installation to manufacturer's recommendations. Sheet edge: Square for expressed jointing. Sheet Size: 1200mm x 3000mm Joints: Express joint with U-shaped BLACK backing strip. Perimeter detail: Expressed joint with 'BLACK' Angle backing strip.		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	CLG03	SUSPENDE CEILING TYPE 03 - STANDARD FLUSH PLASTERBOARD	0531 - Suspending Ceilings Combined	Description General: Suspended, or direct fixed, flush plasterboard ceiling. Ceiling material: 13mm plasterboard (PLB01). Finish: Painted PTC03 unless noted otherwise. Support system: -Suspension system: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres, fixed to approximately 38 x 20mm suspended galvanised steel top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with galvanised steel rod at maximum 1200mm centres. -Fixed directly to roof framing: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres connected to direct fixing clips fixed to roof framing. Fixing: Screw fixed to the sheet manufacturer's recommended sizes and spacings. Sheet edge: Tapered for flush jointing. Joints: Flush. Perimeter detail: 10 x 10mm shadow angle trim at wall to ceiling junctions. -Proprietary item: Rondo P50 shadow line stopping angle.		1	Y
05: INTERIOR	CLG04	SUSPENDE CEILING TYPE 04 - STANDARD WATER RESISTANT FLUSH PLASTERBOARD	0531 - Suspending Ceilings Combined	Location - Refer to the drawings and the Finishes Schedule. Type: Proprietary suspended concealed grid ceiling system for flush finish linings. Fire hazard properties: Group 1 Framing: - Material: Cold rolled G450/ 500/ 550 steel with ZF275 / AZ150 coating. - Basic Grid: 1200 x 600mm - System: Typically furring channels at maximum 600mm centres direct fixed to roof framing or to suspended top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with rods at maximum 1200mm centres. Component sizes: as required to fix to the support structure and to suit the spans, lining and ceiling loads. Ceiling material: Plasterboard (PLB05) Finish: Painted PTC03 unless noted otherwise. Perimeter detail: Shadowline - Cornice profile: Additional design considerations: - Non demountable Fire performance: Non combustible		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	CLG05	SUSPENDED CEILING TYPE 05 - EXTERNAL FC SOFFIT	0531 - Suspending Ceilings Combined	Location - Refer to the drawings and the Finishes Schedule. Description -General: Direct fixed, expressed joint with silicon seal fibre cement. Ceiling material: 6mm fibre cement sheet FC01. Refer to the Linings worksection. Finish: Prefinished Light Grey Colour TBC Support system: -To manufacturer's specifications and recommendations to suit proprietary expressed joint soffit system. Provide rigid framing that resists uplift. - Movement joints in ceilings and soffits: Provide movement joints to divide ceilings into bays not larger than 10.8 x 7.2 m and soffit linings into bays not larger than 4.2 x 4.2 m or 5.4 x 3.6 m. Provide framing parallel to the joint on each side. Do not fix the lining to abutting building surfaces. - Support members: Provide support members as follows: - Space as required by the loads on the system and the type of soffit. - Allow for the installation of services and accessories, including ductwork, light fittings and diffusers. - Provide additional back support or suspension members for the fixing of services and accessories to prevent distortion, overloading or excessive vertical deflection. - Failure: Provide a soffit system where failure of any one suspension point does not cause a progressive failure of the soffit. - Height adjustment: Provide height adjustment with a length adjustment device at each suspension point, permitting length variation of at least 50mm. - Grid members: If required, notch grid members at the junction with the perimeter trim to make sure the soffit units lie flat on the perimeter trim. - Restriction: Do not attach the suspension system to the lip or flange of purlins. Services Support: Conform to the following: - If the service has not been designed to accept the soffit load, do not fix suspension members services (e.g. ductwork). - If services obstruct the soffit supports, provide bridging and suspension on each side of the services. - Do not support services terminals on soffit units.		1	Y
05: INTERIOR	CLG06	SUSPENDED CEILING TYPE 06 - FIRE RATED PLASTERBOARD 60/60/60	0531 - Suspending Ceilings Combined	Location - Refer to the drawings. Description General: Fire rated plasterboard ceiling. Refer PLB04 and 0511 Linings worksection Required fire rating: FRL 60/60/60. Ceiling material: Two layers of 13mm fire resistant plasterboard. Finish: Painted PTC03 unless noted otherwise. Support system: -Suspension system: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres, fixed to approximately 38 x 20mm suspended galvanised steel top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with galvanised steel rod at maximum 1200mm centres. - Fixing: Screw fixed in layers to the sheet manufacturer's recommended sizes and spacings. - Joints: Fill and flush up all joints and fixings in each layer and caulk up perimeters and penetrations before installing following layers. Stagger all sheet joints by minimum 200 mm. - Perimeter: Caulk perimeter to achieve fire rating. Tape and set the wall to ceiling joint. - Proprietary item: Equal to CSR system no.CSR6367.		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	CLG07	SUSPENDE CEILING TYPE 07 - FIRE RATED PLASTERBOARD 120/120/120	0531 - Suspending Ceilings Combined	Location General: 0511 Linings worksection Description General: Fire rated plasterboard ceiling. Required fire rating: FRL 120/120/120. Ceiling material: 3 layers of 16mm fire resistant plasterboard. Finish: Painted PTC03 unless noted otherwise. Support system: -Suspension system: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres, fixed to approximately 38 x 20mm suspended galvanised steel top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with galvanised steel rod at maximum 1200mm centres. Fixing: Screw fixed in layers to the sheet manufacturer's recommended sizes and spacings. Joints: Fill and flush up all joints and fixings in each layer and caulk up perimeters and penetrations before installing following layers. Stagger all sheet joints by minimum 200 mm. Perimeter: Caulk perimeter to achieve fire rating. Tape and set wall to ceiling joint. Proprietary item: Equal to CSR system no.CSR6398.		1	Y
05: INTERIOR	CLG08	SUSPENDE CEILING TYPE 08 - FIRE RATED PLASTERBOARD 90/90/90	0531 - Suspending Ceilings Combined	Location - Refer to the drawings. Description General: Fire rated plasterboard ceiling. Refer 0511 Linings worksection Required fire rating: FRL 90/90/90 Ceiling material: Two layers of 16mm fire resistant plasterboard. Finish: Painted PTC03 unless noted otherwise. Support system: -Suspension system: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres, fixed to approximately 38 x 20mm suspended galvanised steel top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with galvanised steel rod at maximum 1200mm centres. Fixing: Screw fixed in layers to the sheet manufacturer's recommended sizes and spacings. Joints: Fill and flush up all joints and fixings in each layer and caulk up perimeters and penetrations before installing following layers. Stagger all sheet joints by minimum 200 mm. Perimeter: Caulk perimeter to achieve fire rating. Tape and set the wall to ceiling joint. Proprietary item: Equal to CSR system no.CSR6367.		1	Y
05: INTERIOR	CLG09	SUSPENDE CEILING TYPE 12 - ACOUSTIC CEILING TILE	0531 - Suspending Ceilings Combined	Location: Homebases General: Refer to the drawings and the Finishes Schedule. Suspended Acoustic Mineral Fibre Tile OWA Sinfonia Balance 20mm (Mineral Fibre)/(Stocked Item) NB:Face Finish Smooth or acceptable equivalent. Size: 600mm x 600mm x 19mm. Edge profile: B Grid system: Exposed Acoustics: NRC: 0.80 CAC: 37. Acoustic blanket: Polyester fibre black lined acoustic blanket manufactured from thermally bonded polyester. Integrated services hinges: Hinges and linings for luminaires and extract grilles. Proprietary item		1	Y

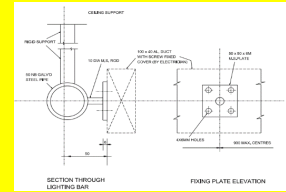
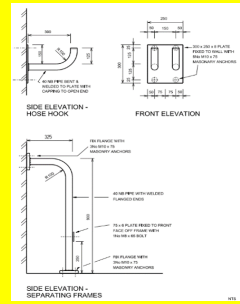
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	CLG10	SUSPENDE CEILING TYPE 10 - FEATURE CEILING TILES 01	0531 - Suspending Ceilings Combined	Location: Homebases General: Refer to the RCP Supplier: Autex Descriptions: Horizon Floating Acooustic Ceiling Panel Colour: TBC Specifications: 100% polyester fibre Fire Rating ISO 9705: 1993: Group 1-S, AS ISO 9705 – 2003: Group 1, 1" BS EN 13501-1:2018: B - s2, d2, ASTM E-84-15a: Class A, FS:0 - SD:45.		2	
05: INTERIOR	CLG11	SUSPENDE CEILING TYPE 11 - FEATURE CEILING TILES 02	0531 - Suspending Ceilings Combined	Location: Refer to RCP General: Refer to the RCP Supplier: Autex Descriptions: 25mm QuietSpace Panel Direct Fix to Ceiling Colour: Nude White Specifications: 100% polyester fibre Fire Rating ISO 9705: 1993: Group 1-S, AS ISO 9705 – 2003: Group 1, 1" BS EN 13501-1:2018: B - s2, d2, ASTM E-84-15a: Class A, FS:0 - SD:45.	 Nude White	2	
05: INTERIOR	CLG12	SUSPENDE CEILING TYPE 11 - METAL SHEETING	0531 - Suspending Ceilings Combined	Location General: Refer to the drawings and the Finishes Schedule. Description General: Suspended, or direct fixed, mini orb sheeting Ceiling material: 0.48BMT custom orb sheeting perforated Finish: Factory Painted. Support system: -Suspension system: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres, fixed to approximately 38 x 20mm suspended galvanised steel top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with galvanised steel rod at maximum 1200mm centres. -Fixed directly to roof framing: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres connected to direct fixing clips fixed to roof framing. Movement joints in ceilings and soffits: Provide movement joints to divide ceilings into bays not larger than 10.8 x 7.2 m and soffit linings into bays not larger than 4.2 x 4.2 m or 5.4 x 3.6 m. Provide framing parallel to the joint on each side. Do not fix the lining to abutting building surfaces. Fixing: Screw fixed to the sheet manufacturer's recommended sizes and spacings. Sheet edge: Sheet Size: Joints: Lap Perimeter detail:		1	Y

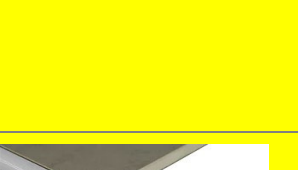
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	CLG13	SUSPENDED CEILING TYPE 11 - METAL SHEETING	0531 - Suspending Ceilings Combined	Location General: Refer to the drawings and the Finishes Schedule. Description General: Suspended, or direct fixed, aluminium planks Ceiling material: aluminium soffit lining Finish: Factory Painted timber look Support system: -Suspension system: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres, fixed to approximately 38 x 20mm suspended galvanised steel top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with galvanised steel rod at maximum 1200mm centres. -Fixed directly to roof framing: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres connected to direct fixing clips fixed to roof framing. Movement joints in ceilings and soffits: Provide movement joints to divide ceilings into bays not larger than 10.8 x 7.2 m and soffit linings into bays not larger than 4.2 x 4.2 m or 5.4 x 3.6 m. Provide framing parallel to the joint on each side. Do not fix the lining to abutting building surfaces. Fixing: Screw fixed to the sheet manufacturer's recommended sizes and spacings. Sheet edge: Sheet Size: Joints: Lap Perimeter detail:		1	Y
05: INTERIOR	CLG14	SUSPENDED CEILING TYPE 09 - EXPRESS JOINT FIBRE CEMENT SHEETING (Timber Look FC)	0531 - Suspending Ceilings Combined	Location: Refer to the drawings and the Finishes Schedule. Description General: Suspended, or direct fixed, flush fibre cement ceiling. Ceiling material: 6mm fibre cement sheet. Finish: Equal to CFC01, timber look perforated Support system: -Suspension system: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres, fixed to approximately 38 x 20mm suspended galvanised steel top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with galvanised steel rod at maximum 1200mm centres. -Fixed directly to roof framing: Approximately 25 x 38mm galvanised steel furring channels at maximum 600mm centres connected to direct fixing clips fixed to roof framing. Movement joints in ceilings and soffits: Provide movement joints to divide ceilings into bays not larger than 10.8 x 7.2 m and soffit linings into bays not larger than 4.2 x 4.2 m or 5.4 x 3.6 m. Provide framing parallel to the joint on each side. Do not fix the lining to abutting building surfaces. Fixing: Expressed dome head screw fixing paint colour to match panel. Fixings and installation to manufacturer's recommendations. Sheet edge: Square for expressed jointing. Sheet Size: 1200mm x 3000mm Provide black acoustic backing Joints: Express joint with U-shaped metal backing strip colour matched to panel Perimeter detail: Expressed joint with metal angle backing strip. Proprietary Item: KEY ENDURA -9mm Fibre Cement S/E Layout: KP3/12.5/7/50B Open Area 24.8% (TBC) KEY INK - Classic Aldini with K100 Black acoustic Backing applied		2	Y

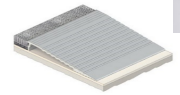
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	CLG15	SUSPENDE CEILING TYPE 13 - RAIN NOISE CONTROL	0531 - Suspending Ceilings Combined	Location: To reduce rain noise for all internal areas. Under all roofing structure except for eaves, overhangs, verandahs and covered ways. Material: Single layer of 13mm plasterboard (not set) Properties: Non combustible. Support: Fixed to roof framing via 35mm tophats for raked ceilings or via suspended ceiling top cross rails at maximum 1200mm centres. Suspend the top cross rails from the building structure above with rods at maximum 1200mm centres. Component sizes: as required to fix to the support structure and to suit the spans, lining and ceiling loads. The installation is to be in accordance with the manufacturer's recommendations. Joints: seal gaps with mastic Type: Board with high density gypsum core encased in a heavy duty liner. Thickness: 13mm. Mass: 8.5kg/m2 Proprietary item: Equal to CSR "Standard Plasterboard" . Group Number 1 Refer to acoustic report for requirements.		1	Y
05: INTERIOR	CLG16	SUSPENDE CEILING TYPE 20 - FEATURE CEILING BLADES	0531 - Suspending Ceilings Combined	Location: Library General: Refer to the RCP Supplier: Autex Descriptions: Frontier 150mm Deep Blades with Autex Blade Holder Brackets Colour: TBC Specifications: 100% polyester fibre Fire Rating ISO 9705: 1993: Group 1-S, AS ISO 9705 – 2003: Group 1, 1* BS EN 13501-1:2018: B - s2, d2, ASTM E-84-15a: Class A, FS-0 - SD:45.			
06A: INTERIOR APPLIED FINISH	JNP01	JOINERY PULL HANDLE TYPE 01	0551 - Joinery	Name: Dormakaba 100 Stainless Door Pull code: MDZ100J dimensions: 110L 10Dia 35Projection 316 Grade Stainless Steel Green Star Rated "A" Level GECA certification High Durability with Concealed / Rear Fixings		1	Y
05: INTERIOR	JNP02	JOINERY PULL TYPE 02	0551 - Joinery	Name: Dormakaba 100 Stainless Door Pull code: MDZ100F dimensions: 260L 10Dia 35Projection 316 Grade Stainless Steel Green Star Rated "A" Level GECA certification High Durability with Concealed / Rear Fixings		1	Y
05: INTERIOR	JNH01	JOINERY HARDWARE TYPE 01	0551 - Joinery			1	Y
05: INTERIOR	SB01	SPLASHBACK TYPE 01	0551 - Joinery	Refer to Interiors FF&E schedule.		1	Y
05: INTERIOR	SH01	SHELF TYPE 01	0551 - Joinery			1	Y
05: INTERIOR	SOL01	SOLID SURFACE TYPE 01	0551 - Joinery			1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	BAL01	BALUSTRADE TYPE 01 - STAIRS	0552 - Metalwork - fabricated	Description Type: Balustrade with vertical balusters and handrail. Material: Hot dip galvanised steel. Finish: Unpainted. Construction: Welded. Handrail: Steel: 33.7mm O.D. x 2.3 mm pipe. Note double handrail for primary school Handrail fixing: 12mm steel rod, bent to shape, welded to side of posts and underside of handrail. Posts: 75 x 12mm steel flat at maximum 1000mm centres. Fixing plate for posts: Top fixing: 10 x 75 x 150mm steel plate with 2 off M12 chemical anchors into concrete slab or stair flight. Side fixing: 100 x 150 x 10mm with 4 off M12 chemical anchors into the side of the concrete stair flight. Top rail and bottom rail: 75 x 12mm steel flat. Balusters: 16mm diameter steel rod at maximum 100mm centres. Height of balustrade to match adjacent existing (minimum 1300mm AFSL)		1	Y
05: INTERIOR	BAL02	BALUSTRADE TYPE 02 - RAMPS	0552 - Metalwork - fabricated	Location General: Typical balustrade and handrail for Ramps. Refer to the drawings. Description Type: Balustrade with vertical balusters, handrail and kerb plate. Standard: To AS1428.1. Material: Hot dip galvanised steel. Finish: Unpainted. Construction: Welded. Handrail: Steel: 33.7mm O.D. x 2.3 mm pipe. Note double handrail for primary school Handrail fixing: 12mm steel rod, bent to shape, welded to side of posts and underside of handrail. Posts: 75 x 12mm steel flat at maximum 1000mm centres. Fixing plate for posts: 10 x 75 x 150mm steel plate with 2 off chemical anchors into concrete slab. Top rail and bottom rail: 75 x 12mm steel flat. Balusters: 16mm diameter steel rod at maximum 100mm centres. Kerb plate: 100 x 8mm steel flat welded to posts.		1	Y
05: INTERIOR	CHK01	BAG HOOK TYPE 01	0552 - Metalwork - fabricated	IHOOK MK2 Description: Antimicrobial, New 3 Colour Combinations, Full UV Pack, includes stainless steel wood fixing screws. Locations: Refer to plans & room elevations SAFEHOOK AUSTRALIA C: Len Hyde M: 0419 257 254 E: lenhyde@lincfurniture.com.au		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	HR01	HANDRAIL - DOUBLE WALL	0552 - Metalwork - fabricated	Description: Double handrail fixed to a backing wall or balustrade. Component materials: - Carbon steel Finish: - Steel: Hot dipped galvanised Handrail: Steel: 33.7mm O.D. x 2.3 mm pipe Brackets: 10mm diameter steel rod, bent to 'L'- shape. Weld top to the underside of the handrail and bottom to fixing plate and / or balustrade post Wall fixing plate: (where applicable) 75mm diameter x 8mm thick with pencil round exposed edges. Wall fixings: Rigidly fix to wall with min. 3 off countersunk fixings per plate. Additional design considerations: - Provide minimum 50mm clearance between handrail and any wall or balustrade. - Handrails to follow the angle of stair nosing's or ramp. - Extend and terminate handrails and at top and bottom of stairs and ramps as required by AS1428.1		1	Y
05: INTERIOR	HR03	HANDRAIL -DOUBLE FREESTANDING	0552 - Metalwork - fabricated	Description: Double handrail fixed to posts Component materials: - Carbon steel Finish: - Steel: Hot dipped galvanised Handrail: Steel: 33.7mm O.D. x 2.3 mm pipe End posts: to match handrail Inter. Posts (if required): as for handrail but to finish 50 mm below underside of handrail. Cap top and provide 10mm diameter steel rod upstand welded to post capping and underside of handrail. Post centres: equal distances between end posts at maximum 1500mm centres. Installation: Securely fixing to supporting structure with: - Cored fixings: Set posts 100mm into the edge of the concrete slab and epoxy grout. Additional design considerations: - Provide minimum 50mm clearance between handrail and any wall or post. - Handrails to follow the angle of stair nosing's or ramp. - Extend and terminate handrails and at top and bottom of stairs and ramps as required by AS1428.1 - Where span would exceed 1500mm provide intermediate post supports.		1	Y
05: INTERIOR	HVC	HYDRANT VALVE COVER	0552 - Metalwork - fabricated	General Select suitable item or design and construct the fire hydrant security cover to suit specific fire hydrant booster valve. The fire hydrant security cover must be in compliance with all the necessary statutory authorities' requirements. Proprietary item: Galvin Engineering – Nylon tamper resistant single hydrant valve cover BOSS-LOCK anti-vandal valve lock-out Padlock Refer to SG / DOOR HARDWARE		2	Y

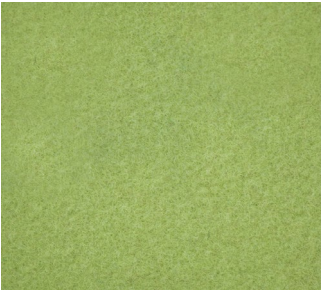
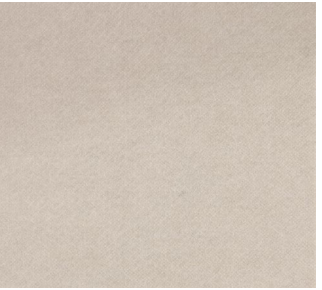
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	LB01	LIGHTING BAR - CEILING	0552 - Metalwork - fabricated	Location: Hall Refer to the Electrical drawings. Description: Tubular bar securely fixed to ceiling structure with brackets that support a power duct. Drawing reference: EFSG SG502/8 Material: Galvanised steel pipe Size: 48.3 OD x 4.0mm thick Provision for wiring -Provide wiring in duct to the socket -Refer to SG / ELECTRICAL SPEC -Duct support bracket: 50 x 50 x 6mm MS plate at 900mm centres along bar length support by 10mm Dia rod welded to side of tubular bar. -Power duct: Nom 100 x 40 mm extruded aluminium power duct screw fixed to brackets.		2	Y
05: INTERIOR	PCE	ELECTRICAL PIT COVER	0552 - Metalwork - fabricated	Location Main Switchroom Construction General: Fabricate mild steel frame, support channels, covers, lifting handles and hooks, weld and hot dip galvanize after fabrication. Frame: Weld from 50 x 50 x 6mm steel angle with hook rods and cast securely into perimeter of concrete pit. Support channels: Weld 75 x 50 x 10mm channels as intermediate supports. Perimeter finish strip: Weld a continuous 20mm wide x 10mm thick mild steel flat to the outside perimeter of frame level with floor finish. Covers: Provide chequerplate aluminium covers of suitable size and weight to enable one person to remove covers without difficulty. The covers are required to take the load of foot traffic only. Each cover is to have two "D" lifting handles. Bolt fix frame with allowances for covers to be removed for access to pit covers Handles: Provide 2 x 200mm "D" lifting handles bent out of 10mm diameter rod with 50mm studs at each end. Hooks: Fabricate from 6mm diameter rod 100mm long, bend last 18mm through 90o. GUIDE NOTE: Refer to the Educational Facilities Standards and Guidelines - Drawing No. DG61/2.			
05: INTERIOR	PF	PIPE FRAMES	0552 - Metalwork - fabricated	Location: Garden Store Description: Inverted 'L' shaped tubular frame with end fixing plates. Connect frames together with a raised rail. Drawing reference: EFSG SG605/1 Material: Mild steel with hot dipped galvanised finish after fabrication Frame: - Size: 900 mm high x 325 mm from wall - Diameter: 40 mm N.B - Centres: 600mm Fixing plates: 100 x 100 x 10 mm M.S. plate welded to ends of bent tubular frame. Fixing: Bolt each fixing plate securely into backing wall and concrete floor with three 10 mm diameter anchors. Cross rail: 75 x 6mm MS plate bolted to face of each frame. Bolt rail plate to front face of frame with M8 x 65 mm galv. Bolts.		2	Y

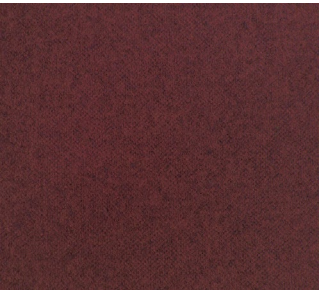
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	TRM01	SHADOWLINE TRIM	0552 - Metalwork - fabricated 0531 - Suspended Ceilings Combined	RONDO Type : P50 shadowline stopping angle -Mastic bead seal behind trim at all intersections -Paint to match ceiling colour		2	Y
05: INTERIOR	TRM02	STOPPING BEAD	0552 - Metalwork - fabricated 0531 - Suspended Ceilings Combined	RONDO Type: Stopping bead - Size to suit plasterboard thickness		2	Y
05: INTERIOR	TRM03	CASING BEAD	0552 - Metalwork - fabricated 0531 - Suspended Ceilings Combined	RONDO Type: Casing Bead - size to suit plasterboard thickness		2	Y
05: INTERIOR	TRM04	EXTERNAL CORNER BEAD	0552 - Metalwork - fabricated	RONDO Type: External Corner Bead		2	Y
05: INTERIOR	TRM05	PERIMETER SHADOW TRIM	0552 - Metalwork - fabricated 0531 - Suspended Ceilings Combined	Product: Armstrong Ceiling Industries Type: Perimeter Angle to CL?? ceilings Location: Drywall ceiling system perimeter, UNO Lay in ceiling tile wall junction		2	Y
05: INTERIOR	TRM10	EXTERNAL CORNER TRIM	0552 - Metalwork - fabricated 0511 - Lining	Corner trims to tiles B.A.T TRIMS Type: Mosaic Aluminium Corner Guard Code: MCG-10=WH. Confirm size with final tile selection Finish: Powdercoated white Size: 10.5mm (Dimension 'A'). Confirm size with final tile selection End Caps: Match where required		2	Y

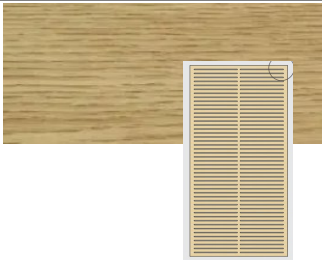
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	THR02	THRESHOLD RAMP - PLATE	0552 - Metalwork - fabricated	Location: External doors sill where step is 20 mm Description: Heavy Duty threshold ramp with a ribbed design. Finish: Satin clear (silver) anodised aluminium (25µm). Fixing: Screw fix, Zinc plated, cross recess head CSK S.T. screws supplied. Can be fastened with builders adhesive for concealed fixing. Install to AS1428.1 2009 requirements. The edges of the threshold ramp includes splayed ends at a minimum of 45° where the ramp does not abut a wall. Raven RP98 , AAS4551/210/S or equivalent	  	1	Y

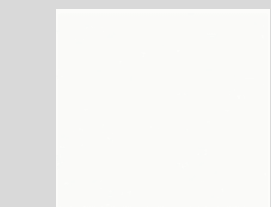
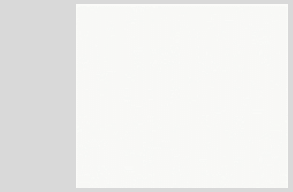
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	FAB01	FABRIC TYPE 01	0572 - Miscellaneous Furniture 0641 - Applied wall finishes	Refer to Interiors FF&E schedule.		1	Y
05: INTERIOR	SAF01	SAFE- SMALL	0572 Miscellaneous Furniture	Description: An approved fire resistant steel security safe complete with removable shelf and a lockable drawer/s. Fire resistant rating: 1 hour Size: - Type 1: 610 (h) x 560 (w) x 515mm (d), 300Kg Nom. weight Mounting: Wall mount so base is nominal 1100mm above floor Features: - 6 lever pick resistant lock - Removable shelf - 1 or 2 lockable drawers Finish: silver hammertone baked enamel paint. Proprietary item: TRAFLAGAR Heavy Duty Key Cabinet - Model SK01/140.		2	Y
05: INTERIOR	UP01	UPHOLSTERY TYPE 01	0572 - Miscellaneous Furniture 0551 - Joinery	Refer to Interiors FF&E schedule.		1	Y
05: INTERIOR	ART03	ART INSTALLATION TYPE 03 - ENGRAVING IN GROUND	0581 - Signage	Art Engraving in pavement Location: On pavement refer landscape drawings Artist to be commissioned during construction: Local Aboriginal Artist Darug background to be selected in consultation with local Aboriginal Elders, School, and SINSW. Subject: Grey kangaroo Art Engraving in pavement		1	Y
05: INTERIOR	SGN01	SIGNAGE TYPE 01 - MAIN ENTRY SIGNAGE WALL	0581 - Signage	Signage Wall SGN01 Location:Lachlan Street Stakeholder sign off: School, WSU and AECG EnglishText:"New Liverpool Primary School " Refer to drawing ???? for further details. 3mm thick brushed charcoal metal finish individual lettering Fixing 4mm rods to rear chemset to brickwork min 50mm embeddment 20 dia x 10mm black acrylic spacer Size 3000 x 1000 approx		1	Y
05: INTERIOR	SGN02	SIGNAGE TYPE 02 - ENTRY SIGNAGE	0581 - Signage	Signage Wall SGN02 Location:Burnside Drive Stakeholder sign off: School, WSU and AECG EnglishText:"New Liverpool Primary School " Refer to drawing ???? for further details. 3mm thick brushed charcoal metal finish individual lettering Fixing 4mm rods to rear chemset to brickwork min 50mm embeddment 20 dia x 10mm black acrylic spacer Size 4500 x 1200 approx		1	Y
05: INTERIOR	SGN03	SIGNAGE TYPE 03 - ENTRY SIGNAGE	0581 - Signage	Signage Wall SGN03 Location:Burnside Drive Stakeholder sign off: School, WSU and AECG EnglishText:TBC Parent and Community Information Refer to drawing ???? for further details. Powdercoated metal plate charcoal colour with white metal lettering Size TBC Fixed to 1200W x 450D x 8000H BWK01 blade wall Note SGN03 as specified on SSDA will not provide interactive information. Typically an electronic sign board would be shown here. Alternative provided for pricing purposes until resolved with SINSW Alternative to this is Danthonia School sign LED Pylon			
05: INTERIOR	SGN04	SIGNAGE TYPE 04 - SCHOOL LOGO	0581 - Signage	Location: Administration desk School Logo Stakeholder sign off: School, AECG and Architect Laser cut polycarbonate school logo conceal fixed to front face of reception desk		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	SGN05	SIGNAGE TYPE 05 - GRAPHIC VINYL PRINT TO WALL	0581 - Signage	Colour TBC Location: Library entry wall Engage Consultant: Design to completed by graphic artist in consultation with local Aboriginal representative and printed and installed by sigange contractor Stakeholder sign off: School, AECG and Architect. Approximately 8000 x 2400 high graphic print		1	Y
05: INTERIOR	SGN06	SIGNAGE TYPE 06 - WAYFINDING	0581 - Signage	Colour Graphic Vinyl decal artwork print on CFC clad panel External application Location: all stairs Stakeholder sign off: School, AECG and Architect English text if required: TBA Refer to drawing ???? for further details.		1	Y
05: INTERIOR	SGN07	SIGNAGE TYPE 07 - GRAPHIC VINYL ARTWORK TO TOILET FACILITIES	0581 - Signage	Colour Graphic Vinyl decal artwork print on CFC clad panel External application Location: outside all student toilet facilities excluding those adjacent to the hall Stakeholder sign off: School, AECG and Architect English text if required: TBA Refer to drawing ???? for further details.		1	Y
05: INTERIOR	SGN08	SIGNAGE TYPE 08 - GRAPHIC VINYL PRINT TO WALL	0581 - Signage	Colour TBC Location: Library void wall Engage Consultant: Design to completed by graphic artist in consultation with local Aboriginal representative and printed and installed by sigange contractor Stakeholder sign off: School, AECG and Architect. Text to be confirmed to extend approximately 1m high banding to all 4 walls		1	Y
05: INTERIOR	SGN10	SIGNAGE TYPE 10 - ASSET MANAGEMENT SIGNAGE	0581 - Signage	Asset management signage to EFSG requirements Refer Sign type G in signage schedule		1	Y
05: INTERIOR	SGN11	SIGNAGE TYPE 11 - STATUTORY & SAFETY SIGNAGE	0581 - Signage	Statutory signage and safety signage to EFSG, NCC and Australian Standards. Refer signage types J - K schedule		1	Y
		06A: [INTERIORS] APPLIED FINISHES					
05: INTERIOR	PIN01	PINBOARD - BASIC	0511 - Lining	Product: Autex Collection: Composition Colour: Atlantis Thickness: 12mm thick Framing/Fixing: Allow for 3mm slimline aluminium angle to perimeter. Acoustic rating (NRC): 0.4 Installation: by Autex approved installer, as per the manufacturer's written instructions. Particular Requirements: Pinboard lining to be used with velcro, not with pins. Ensure suitability of lining. Must be EFSG compliant Slip Rating: N/A Location: Learning Spaces AUTEX C: Simon Grove M: 0414 507 434 E: simong@autex.com.au:		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	PIN02	PINBOARD - BASIC	0511 - Lining	Product: Autex Collection: Composition Colour: Lime Thickness: 12mm thick Framing/Fixing: Allow for 3mm slimline aluminium angle to perimeter. Acoustic rating (NRC): 0.4 Installation: As per the manufacturer's written instructions Particular Requirements: Pinboard lining to be used with velcro, not with pins. Ensure suitability of lining. refer finishes plan. Must be EFSG compliant Slip Rating: N/A Locations: Learning Spaces AUTEX C: Simon Grove M: 0414 507 434 E: simong@autex.com.au- Gilkon Australia: Pinter Pinboard Wall Panel System		1	Y
05: INTERIOR	PIN03	PINBOARD - BASIC	0511 - Lining	Product: Autex Collection: Cube Colour: Silver Thickness: 12mm thick Framing/Fixing: Allow for 3mm slimline aluminium angle to perimeter. Acoustic rating (NRC): 0.4 Installation: As per the manufacturer's written instructions Particular Requirements: Pinboard lining to be used with velcro, not with pins. Ensure suitability of lining. refer finishes plan. Must be EFSG compliant Slip Rating: N/A Locations: Admin, Hall AUTEX C: Simon Grove M: 0414 507 434 E: simong@autex.com.au- Gilkon Australia: Pinter Pinboard Wall Panel System		1	Y
05: INTERIOR	PIN04	PINBOARD - BASIC	0511 - Lining	Product: Autex Collection: Cube Colour: Opera Thickness: 12mm thick Framing/Fixing: Allow for 3mm slimline aluminium angle to perimeter. Acoustic rating (NRC): 0.4 Installation: As per the manufacturer's written instructions Particular Requirements: Pinboard lining to be used with velcro, not with pins. Ensure suitability of lining. refer finishes plan. Must be EFSG compliant Slip Rating: N/A Locations: Admin AUTEX C: Simon Grove M: 0414 507 434 E: simong@autex.com.au- Gilkon Australia: Pinter Pinboard Wall Panel System		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	PIN06	PINBOARD - BASIC	0511 - Lining	Product: Autex Collection: Cube Colour: Sargoza Thickness: 12mm thick Framing/Fixing: Allow for 3mm slimline aluminium angle to perimeter. Acoustic rating (NRC): 0.4 Installation: by Autex approved installer, as per the manufacturer's written instructions. Particular Requirements: Pinboard lining to be used with velcro, not with pins. Ensure suitability of lining. Must be EFSG compliant Slip Rating: N/A Location: Admin AUTEX C: Simon Grove M: 0414 507 434 E: simong@autex.com.au:			
05: INTERIOR	PIN07	PINBOARD - BASIC	0511 - Lining	Product: Autex Collection: Cube Colour: Muralla Thickness: 12mm thick Framing/Fixing: Allow for 3mm slimline aluminium angle to perimeter. Acoustic rating (NRC): 0.4 Installation: by Autex approved installer, as per the manufacturer's written instructions. Particular Requirements: Pinboard lining to be used with velcro, not with pins. Ensure suitability of lining. Must be EFSG compliant Slip Rating: N/A Location: Hall Walls, PAA Feature Acoustic Ceiling AUTEX C: Simon Grove M: 0414 507 434 E: simong@autex.com.au:			
05: INTERIOR	PIN08	PINBOARD - BASIC	0511 - Lining	Product: Autex Collection: Cube Colour: Acros Thickness: 12mm thick Framing/Fixing: Allow for 3mm slimline aluminium angle to perimeter. Acoustic rating (NRC): 0.4 Installation: by Autex approved installer, as per the manufacturer's written instructions. Particular Requirements: Pinboard lining to be used with velcro, not with pins. Ensure suitability of lining. Must be EFSG compliant Slip Rating: N/A Location: PAA/Library Acoustic Ceiling AUTEX C: Simon Grove M: 0414 507 434 E: simong@autex.com.au:			
05: INTERIOR	SKT01	SKIRTING TYPE 01 - TIMBER	0511 - Lining 0522 - Partitions Framed and Lined	Location: Generally Type: Hardwood timber skirting with concealed fixings, mitred at corners and splayed joints in running lengths, suitable for decoration. Species: Blackbutt 2. Grade: Select 3. Profile: Bevelled. 4. Size: 100mm H x 18mm (finish size) with splay top. 5. Finish: Paint, refer Finishes Schedule		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	SKT02	SKIRTING TYPE 02 - ALUMINIUM	0511 - Lining 0522 - Partitions Framed and Lined	Type: Extruded aluminium with concealed fixing Profile type: Square edge Size: 100mm H x 5mm Finish type: Clear anodised with Grey Insert Prop item: Equal to ALUSKIRTING. Location: to internal rooms generally where SKT01 is not nominated, including to service rooms with conc floors.		1	Y
05: INTERIOR	SKT03	SKIRTING TYPE 03 - TIMBER	0511 - Lining 0522 - Partitions Framed and Lined	Location: Hall skirting Ventilated skirting to detail. Refer drawing??? 150H - TBC		1	Y
05: INTERIOR	TMP01	TIMBER PANELLING TYPE 01	0511 - Lining 0522 - Partitions Framed and Lined	Location: Hall above 2400 to ceiling Type: Supacoustic Perforated Timber Acoustic Wall Panelling with Slots Size: 2390 x 1190 Finish: Tasmanian Oak Supafinish Code: SS51 Fire Group 2 to AS5637.1 Certified Green Star materials Supplier: Supawood C: Colin Beattie M: 0427 484 063		2	Y
05: INTERIOR	TPN01	TOILET PARTITION - TYPE 01	0525 - Cubicle Systems	Product: Laminex Compact Laminate or approved equivalent System: Aqualoo Provance or equivalent Colour: Classic Oak Code: 8537 Finish: Natural Finish, Multipurpose Compact Laminate Product Type: Multipurpose Compact Laminate featuring Laminex Protec+ antimicrobial surface protection technology, i.e. product properties: high scratch, wear, impact and moisture resistance for internal use only ABS edging to match unless otherwise noted Size: N/A Thickness: 13mm O/A height: 1905mm Particular Requirements: Refer to Elevations. Must be EFSG compliant Slip Rating: N/A Location: Bathrooms-Refer to Wet Area Details LAMINEX C: Neil MacLaine M: 0467 710 721 E: neil.maclaine@laminex.com.au		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
06A: INTERIOR APPLIED FINISH	TPN02	TOILET PARTITION WALLS	0525 - Cubicle Systems	Product: Laminex Compact Laminate (with Aqualoo) or approved equivalent System: Aqualoo Provance Colour: Charcoal Code: 461 Finish: Natural Finish, Multipurpose Compact Laminate Product Type: Multipurpose Compact Laminate featuring Laminex Protec+ antimicrobial surface protection technology, i.e. product properties: high scratch, wear, impact and moisture resistance for internal use only ABS edging to match unless otherwise noted Floor & ceiling mounted Size: N/A Thickness: 13mm O/A height: 1905mm Particular Requirements: Must be EFSG compliant Slip Rating: N/A Location: Bathrooms-Refer to Wet Area Details LAMINEX C: Neil MacLaine M: 0467 710 721 E: neil.maclaine@laminex.com.au		1	Y
05: INTERIOR	LM01	LAMINATE FINISH TYPE 1	0551 - Joinery	Product: Laminex Colour: Magnetic Whiteboard Laminate Code: 9672 Finish: Glossy White Particular Requirements: ABS edging to match unless otherwise noted - refer joinery details. Must be EFSG compliant Location: Homebase Joinery Sliding Doors LAMINEX C: Neil MacLaine M: 0467 710 721 E: neil.maclaine@laminex.com.au		1	Y
05: INTERIOR	LM02	LAMINATE FINISH TYPE 2	0551 - Joinery	Laminex Colour: White Code: 200 Finish: Natural Matching ABS Edges Location: Table tops, PAA Joinery & Splashbacks LAMINEX C: Neil MacLaine M: 0467 710 721 E: neil.maclaine@laminex.com.au		1	Y
05: INTERIOR	LM03	LAMINATE FINISH TYPE 3	0551 - Joinery	Name: Laminex Range: Colour Collection Colour: Classic Oak Code: 8537 Finish: Natural Matching ABS Edges Location: General Joinery Cupboard Doors Supplier: Neil MacLaine <Neil.Maclaine@laminex.com.au>		1	Y

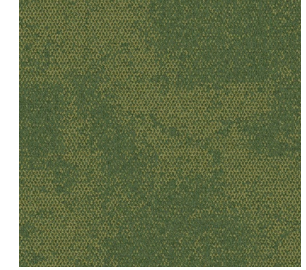
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
05: INTERIOR	LM05	LAMINATE FINISH TYPE 5	0551 - Joinery	Name: Laminex Range: Colour Collection Colour: Charcoal Code: 461 Finish: Natural Matching ABS Edges Location: General Joinery Kickboards, Headboards Supplier: Neil MacLaine <Neil.MacLaine@laminex.com.au>		1	Y
05: INTERIOR	SS	STAINLESS STEEL	0551 - Joinery	Stainless Steel Finish: Linish Thickness: 1.2mm Description: 304 Grade on HMR substrate Location: Canteen SUPPLIER: Rimex		1	Y
05: INTERIOR	TF01	SPRUNG TIMBER FLOOR	0655 - Timber Flooring	GRADE: Medium Feature Grade to AS 2796 .2; MAXIMUM NOM INAL SIZE: 75x25mm PROFILE: Tongue and grooved, secret nailed or proprietary joining tongue, secret nailed SPECIES: Tasmanian Oak INSTALLATION Lay in long lengths with accurate end-matched joints; Joints on adjoining boards to be staggered; Laid over 2400x1200mm minimum x 12mm thick plywood Stress Grade FINISH : Tung oil plus acrylic polymer sealer EXPANSION JOINTS: 10mm clear of walls and upstands; Consult with the installer/ supplier of the strip flooring to determine the number of expansion joints required . The number of expansion joints depends on the variations in the equilibrium moisture content (EMC) of the floor in relationship to local humidity conditions. PLYWOOD: Type A Bond; Grade DD exterior grade; Termite, fungal and insect attack treated in accordance with AS/NZS 1604.3; Stress Grade F11; Laid at 90° to length of main playing area and 90° to battens; Stagger joints (masonry stretcher pattern); Allow 5mm spacing between sheets, to all edges; 20mm clearance between walls and upstands; Fixing at 300mm centres; Lay over battens; BATTENS: Size: 75x35mm termite naturally resistant hardwood, to AS3660 .1 Appendix C; Stress Grade : F At maximum 300mm centres; Installed over neoprene pads; NEOPRENE PADS: Size 40x20x1 7mm thick; At 300mm maximum centres; Durometer reading 60+/- 5% Double-staple fix pads to batten undersides; Laid over 0 .1 5mm high impact polythene sheet;			Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
06: FINISH	TL01	TILING TYPE 01 (FLOOR)	0631 - Ceramic Tiling	Product: Skheme Collection: Tecnica Colour: Charcoal Finish Grip: Matt R11 Product Type: Ceramic Size: 200mm x 200mm Thickness: 9mm Particular Requirements: refer finishes plan. Must be EFSG compliant. 1.5mm Epoxy Grout to match. Location: Amenities SKHEME C: David Cusumano T: (02) 8755-2300 E: DavidEC@skheme.com		2	Y
06: FINISH	TL02	TILING TYPE 02 (FLOOR)	0631 - Ceramic Tiling 0632 - Stone and Terazzo tiling	Product: Skheme Collection: Tecnica Colour: Charcoal Finish Grip: Matt Cove R11 Product Type: Ceramic coved Size: 200mm x 100mm Thickness: 9mm Particular Requirements: refer finishes plan. Must be EFSG compliant. 1.5mm Epoxy Grout to match. To be aligned with floor tiles Location: Amenities SKHEME C: David Cusumano T: (02) 8755-2300 E: DavidEC@skheme.com		1	Y
06: FINISH	TL03	TILING TYPE 03 (WALL)	0631 - Ceramic Tiling	Product: Wall tiles Collection: Rectified Colour: White Finish: Gloss Finish Product Type: Ceramic Size: 300 x 600mm Thickness: 10mm Particular Requirements: 1.5mm Epoxy Grout to match. Must be EFSG compliant To be installed with anti-lipping clips Provide colour matching Aluminium corner trims where applicable Location: Canteen Walls & Wet Ares Glennon Tiles C: Craig Cant M: 0429 877 164 E: Craig@glennontiles.com.au			Y

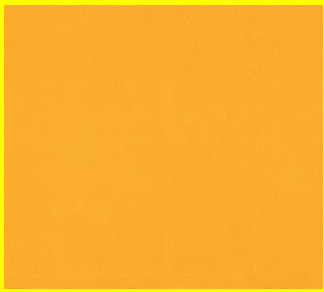
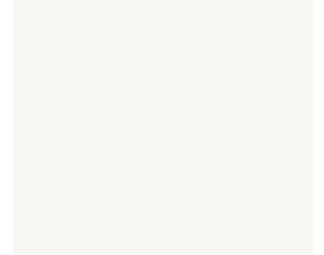
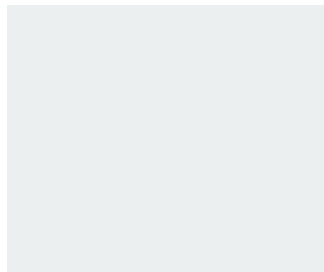
CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
06: FINISH	TL04	TILING TYPE 04 (WALL)	0631 - Ceramic Tiling	Product: Wall tiles Collection: Rectified Colour: GX07317 Finish: Gloss Finish Product Type: Ceramic Size: 65 x 260mm Thickness: 6mm Particular Requirements: 1.5mm Epoxy Grout. Must be EFSG compliant Installation Format: Stacked vertical Provide colour matching Aluminium corner trims where applicable Location: Student toilets - Boys Glennon Tiles C: Craig Cant M: 0429 877 164 E: Craig@glennontiles.com.au			Y
06: FINISH	TL05	TILING TYPE 04 (WALL)	0631 - Ceramic Tiling	Product: Wall tiles Collection: Colour: GX07329 Kiwi Finish: Gloss Finish Product Type: Ceramic Size: 65 x 260mm Thickness: 6mm Particular Requirements: 1.5mm Epoxy Grout. Must be EFSG compliant Installation Format: Stacked vertical Provide colour matching Aluminium corner trims where applicable Location: Student toilets - Girls Glennon Tiles C: Craig Cant M: 0429 877 164 E: Craig@glennontiles.com.au			Y
06: FINISH	RF01	RESILIENT FINISH TYPE 01	0651 - Resilient Finishes	TYPE: Homogeneouscompact floor vinyl SUPPLIER: Tarkett SERIES: IQ Granit COLOUR: Black 3040 384 SLIP RATING: P4 THICKNESS: 2mm MEAN CRITICAL RADIANT FLUX 9.6 kW/m² GreenTag GreenRate Level A Thickness: 2mm Particular Requirements: Allow for "feather up" to ensure no trip junction between mat and main carpet. Must be EFSG compliant. Refer finishes plan. Adhesive: Manufacturer's recommended adhesive allowed for 85% RH concrete slab moisture. For resilient flooring cushion backing only required for rooms on L1 1. Non-cushion back: typical ground floor & upper ground level low traffic areas 2. Cushion back: all level 1 areas where high traffic - IQ Granit Acoustic Location: Comms rooms Tarkett C: Kelly Crawford M: 0400 080 740 E: kelly.crawford@tarkett.com		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
06: FINISH	RF02	RESILIENT FINISH TYPE 02	0651 - Resilient Finishes	TYPE: Homogeneouscompact floor vinyl SUPPLIER: Tarkett SERIES:IQ Granit COLOUR: TBC SLIP RATING: P5 THICKNESS 2mm Coved skirtings to Canteen and OSHC Kitchen MEAN CRITICAL RADIANT FLUX 6.4 kW/m² Mean GreenTag GreenRate Level A - 40% Total Recycle Content Adhesive: Manufacturer's recommended adhesive allowed for 85% RH concrete slab moisture. Particular Requirements: - refer finishes plan. Must be EFSG compliant. For resilient flooring cushion backing only required for rooms on L1 Skirting: Coved in vinyl 100mm high.Turn sheet up wall to form coved skirting. Refer to drawings for height. Provide fillet strip. Location: Store Rooms, Staff Kitchenette, Sick Bay, Cleaners Tarkett C: Kelly Crawford M: 0400 080 740 E: kelly.crawford@tarkett.com		1	Y
06: FINISH	RF03	RESILIENT FINISH TYPE 03	0651 - Resilient Finishes	Product: Tarkett TYPE: Homogeneouscompact floor vinyl SERIES IQ Granit COLOUR: Blue 3040 379 SLIP RATING: P4 THICKNESS: 2mm MEAN CRITICAL RADIANT FLUX 9.6 kW/m² GreenTag GreenRate Level A Thickness: 2mm Particular Requirements: Allow for "feather up" to ensure no trip junction between mat and main carpet. Must be EFSG compliant. Refer finishes plan. Adhesive: Manufacturer's recommended adhesive allowed for 85% RH concrete slab moisture. For resilient flooring cushion backing only required for rooms on L1 1. Non-cushion back: typical ground floor & upper ground level low traffic areas 2. Cushion back: all level 1 areas where high traffic - IQ Granit Acoustic Location: PAA Tarkett C: Kelly Crawford M: 0400 080 740 E: kelly.crawford@tarkett.com			Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
06: FINISH	RF04	RESILIENT FINISH TYPE 04	0651 - Resilient Finishes	Product: Tarkett TYPE: Homogeneouscompact floor vinyl SERIES IQ Granit COLOUR: Fern 3040 405 SLIP RATING: P4 THICKNESS: 2mm MEAN CRITICAL RADIANT FLUX 9.6 kW/m² GreenTag GreenRate Level A Thickness: 2mm Particular Requirements: Allow for "feather up" to ensure no trip junction between mat and main carpet. Must be EFSG compliant. Refer finishes plan. Adhesive: Manufacturer's recommended adhesive allowed for 85% RH concrete slab moisture. For resilient flooring cushion backing only required for rooms on L1 1. Non-cushion back: typical ground floor & upper ground level low traffic areas 2. Cushion back: all level 1 areas where high traffic - IQ Granit Acoustic Location: Admin, Store rooms, Comms room, PAA Tarkett C: Kelly Crawford M: 0400 080 740 E: kelly.crawford@tarkett.com			Y
06: FINISH	RF05	RESILIENT FINISH TYPE 04	0651 - Resilient Finishes	TYPE: Heterogeneous floor vinyl SUPPLIER: Tarkett SERIES:Safetred Universal Plus COLOUR: Nebula 3818 270 SLIP RATING: P5 THICKNESS 2mm Coved skirtings to Canteen and OSHC Kitchen MEAN CRITICAL RADIANT FLUX 6.4 kW/m² Mean GreenTag GreenRate Level A - 40% Total Recycle Content Adhesive: Manufacturer's recommended adhesive allowed for 85% RH concrete slab moisture. Particular Requirements: - refer finishes plan. Must be EFSG compliant. For resilient flooring cushion backing only required for rooms on L1 Skirting: Coved in vinyl 100mm high.Turn sheet up wall to form coved skirting. Refer to drawings for height. Provide fillet strip. Location: Canteen, OSHC Kitchen Tarkett C: Kelly Crawford M: 0400 080 740 E: kelly.crawford@tarkett.com			
06: FINISH	CPT01	CARPET TILES TYPE 1	0652 - Carpets	Product: Composure Name: Fortitude Size: 50cm X 50cm Tile Cushion Back Comply with EFSG carpet tiles specifications Installation: Monolithic INTERFACE C: Dawn Cameron E: dawn.cameron@interface.com M: 0411 547 929		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
06: FINISH	CPT02	CARPET TILES TYPE 2 FEATURE	0652 - Carpets	Product: Composure Neutrals Name: Placid Size: 50cm X 50cm Tile Cushion Back Comply with EFSG carpet tiles specifications Installation: Monolithic Adhesive: Interface Intertac adhesive INTERFACE C: Dawn Cameron E: dawn.cameron@interface.com M: 0411 547 929		1	Y
06: FINISH	CPT03	CARPET TILES TYPE 3 FEATURE	0652 - Carpets	Product: Composure Colours Name: Sappjire Size: 50cm X 50cm Tile Cushion Back Comply with EFSG carpet tiles specifications Installation: Monolithic Adhesive: Interface Intertac adhesive INTERFACE C: Dawn Cameron E: dawn.cameron@interface.com M: 0411 547 929			Y
06: FINISH	CPT04	CARPET TILES TYPE 4 FEATURE	0652 - Carpets	Product: Composure Colours Name: Olive Size: 50cm X 50cm Tile Cushion Back Comply with EFSG carpet tiles specifications Installation: Monolithic Adhesive: Interface Intertac adhesive INTERFACE C: Dawn Cameron E: dawn.cameron@interface.com M: 0411 547 929			
06: FINISH	CPT05	CARPET TILES TYPE 5 FEATURE	0652 - Carpets	Product: Composure Colours Name: Eucalyptus Size: 50cm X 50cm Tile Cushion Back Comply with EFSG carpet tiles specifications Installation: Monolithic Adhesive: Interface Intertac adhesive INTERFACE C: Dawn Cameron E: dawn.cameron@interface.com M: 0411 547 929			

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
	CPT06	CARPET TILES TYPE 6 FEATURE	0652 - Carpets	Product: Composite Colours Name: Terracotta Size: 50cm X 50cm Tile Cushion Back Comply with EFSG carpet tiles specifications Installation: Monolithic Adhesive: Interface Intertac adhesive INTERFACE C: Dawn Cameron E: dawn.cameron@interface.com M: 0411 547 929			
06: FINISH	MAT	MAT -TYPE 1	0652 - Carpets	Name: Interface Code: 7995 003 000 G105 00S Style/Colour: SR999 Iron Particular Requirements: Require underlay here to make mat same thickness when butt against cushionback carpet tiles Adhesive: Interface IntertacPlus adhesive INTERFACE C: Dawn Cameron E: Dawn.Cameron@interface.com M: +61(0) 411 547 929		1	Y
06: FINISH	FAB01	FABRIC TYPE 01	0572 - Miscellaneous Furniture 0641 - Applied wall finishes	Name: Lustrell Charisma Code: Style/Colour: Lime Composition: 82% PVC 18% Polyester USAGE: Heavy Commercial COLOUR :Smoke Ignitability Index 18 Range 0-20 Spread of Flame Index 0 Range 0-10 Heat Evolved Index 0 Range 0-10 Smoke Developed Index 4 Range 0-10 INTERFACE C: Ashley Winter Williams E: A.winterwilliams@warwick.com.au M: 0407 549 527			
06: FINISH	FAB02	FABRIC TYPE 02	0572 - Miscellaneous Furniture 0641 - Applied wall finishes	Name: Lustrell Charisma Code: Style/Colour: Pacific Composition: 82% PVC 18% Polyester USAGE: Heavy Commercial COLOUR :Smoke Ignitability Index 18 Range 0-20 Spread of Flame Index 0 Range 0-10 Heat Evolved Index 0 Range 0-10 Smoke Developed Index 4 Range 0-10 INTERFACE C: Ashley Winter Williams E: A.winterwilliams@warwick.com.au M: 0407 549 527			

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
06: FINISH	FAB03	FABRIC TYPE 03	0572 - Miscellaneous Furniture 0641 - Applied wall finishes	Name: Lustrell Charisma Code: Style/Colour: Lemon Composition: 82% PVC 18% Polyester USAGE: Heavy Commercial COLOUR :Smoke Ignitability Index 18 Range 0-20 Spread of Flame Index 0 Range 0-10 Heat Evolved Index 0 Range 0-10 Smoke Developed Index 4 Range 0-10 INTERFACE C: Ashley Winter Williams E: A.winterwilliams@warwick.com.au M: 0407 549 527			
06: FINISH	PTC01	PAINT COLOUR TYPE 01	0671 - Painting	Product: Dulux Colour: Vivid White Code: 1W Finish: Refer to paint specifications document for paint types Particular Requirements: Must be EFSG compliant Location: Wall Paint and internal doors ancillary (with doors not requiring luminance contrast, e.g. electrical cupboards, distribution boards) DULUX C: Christine Kotsis M: 0412 805 654 E: christine.kotsis@dulux.com.au		1	Y
06: FINISH	PTC02	PAINT COLOUR TYPE 02	0671 - Painting	Product: Dulux Colour: Timeless Grey Code: SN4G4 Finish: Refer to paint specifications document for paint types Particular Requirements: Must be EFSG compliant Location: Internal doors generally where luminance contrast is required DULUX C: Christine Kotsis M: 0412 805 654 E: christine.kotsis@dulux.com.au		1	Y
06: FINISH	PTC03	PAINT COLOUR TYPE 03	0671 - Painting	Product: Dulux Colour: Ceiling White Code: Dulux Ceiling White Finish: Refer to paint specifications document for paint types Product Type: N/A Size: N/A Thickness: N/A Particular Requirements: Must be EFSG compliant Slip Rating: N/A Location: Ceiling Paint DULUX C: Christine Kotsis M: 0412 805 654 E: christine.kotsis@dulux.com.au		1	Y

CAT	KN	KN NAME	SPECIFICATION	DESCRIPTION	IMAGES	REVISION	IN USE
06: FINISH	PTC04	PAINT COLOUR TYPE 04	0671 - Painting	Product: Dulux Colour: Dieskau Code: GR12 Finish: Refer to paint specifications document for paint types Product Type: N/A Size: N/A Thickness: N/A Particular Requirements: Must be EFSG compliant Slip Rating: N/A Location: Wall Paint DULUX C: Christine Kotsis M: 0412 805 654 E: christine.kotsis@dulux.com.au		1	
		06: FINISH					
06: FINISH	AN	ANODISED	0671 - Painting 0451 - Windows and Glazed Doors Door Schedule			1	Y
06: FINISH	GAL	GALVANIZED	0671 - Painting			1	Y
06: FINISH	HDG	HOT DIPPED GALVANIZED	0671 - Painting			1	Y
06: FINISH	PC01	POWDERCOAT -TYPE1	0673 - Powder coatings 0451 - Windows and Glazed Doors Door Schedule	Location: Refer drawings DULUX POWDERCOAT RANGE: DURATEC ZEUS COLOUR: TBC BLACK suitable for exterior application colour warranty 20 years		2	Y
06: FINISH	PC02	POWDERCOAT -TYPE2	0673 - Powder coatings	Location: Refer drawings DULUX POWDERCOAT RANGE: DURATEC ZEUS COLOUR: TBC suitable for exterior application colour warranty 15 years		2	
06: FINISH	PC03	POWDERCOAT -TYPE3	0673 - Powder coatings	Location: Refer drawings DULUX POWDERCOAT RANGE: DURATEC INTENSITY COLOUR: TBC suitable for exterior application colour warranty 15 years		2	
06: FINISH	PC04	POWDERCOAT -TYPE4	0673 - Powder coatings	Location: Refer drawings DULUX POWDERCOAT RANGE: DURATEC INTENSITY COLOUR: TBC suitable for exterior application colour warranty 15 years		2	
06: FINISH	PC10	POWDERCOAT -TYPE10	674 - Powder coatings	TBC			
06: FINISH	TT01	TRANSITION TRIM TYPE 01	0652 - Carpets 0651 - Resilient Finishes			1	Y
06: FINISH	SFT01	LINE MARKING	0671 - Painting	Dulux Roadmaster WB2 Colour: TBA Location: Line marking		1	Y

FURNITURE, FIXTURES & EQUIPMENT SCHEDULE

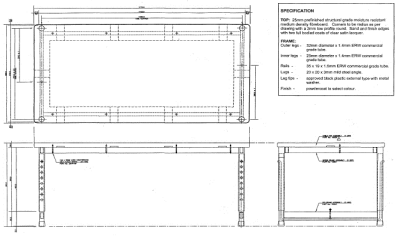
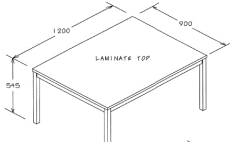
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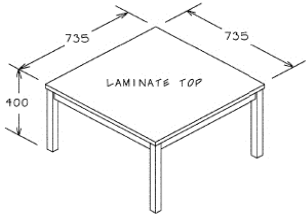
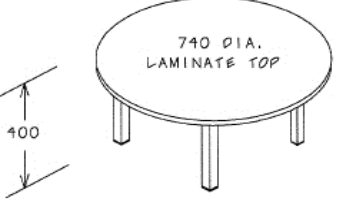
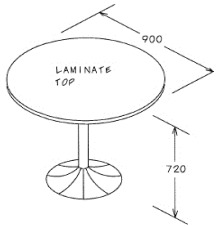
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		FURNITURE						
		SEATING						
FFE	S-06	CHAIR TYPE	REFER TO EFSG	Name: Progress Chair Linkable Dimensions: 510W x530D x 445SH Frame Colour: Black Frame Colour: TBC Locations: Hall	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelfurniture.com		1	1
FFE	S-07	CHAIR TYPE	REFER TO EFSG	Name: Postura® Plus 4 Seat Auditto Unit Dimensions: 1870W x 515D x 445SH Frame Colour: Black Frame Colour: TBC Locations: Hall/Chair Store	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelfurniture.com		1	1
FFE	S-08	CHAIR TYPE TROLLEY	REFER TO EFSG	Name: Postura® Plus 4 Seat Auditto Trolley Dimensions: 1944W x 530D x 445H Colour: Black Frame Locations: Chair Store	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelfurniture.com		1	1
FFE	S-12	CHAIR TYPE	REFER TO EFSG	Name: Domino Lounge Dimensions: 520W x 748D x 390SH Colour: Black Frame Fabric: TBC Locations: IO Homebase with PAA, Library	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelfurniture.com		1	1
FFE	S-13	CHAIR TYPE	REFER TO EFSG	Name: Alpha Logic Medium Back with Arms – 400mm back with 110mm height range. – AFRDI Level 6 certified Colour: Black Frame Fabric: TBC Locations: Principal, Deputy Principal, Interview/Office	CHAIR SOLUTIONS T: (+61) 02 9624 1733 NOTE: Supplier Not on Government Contract 771		1	1
FFE	S-14	CHAIR TYPE	REFER TO EFSG	Name: Alpha Logic Medium Back – 400mm back with 110mm height range. – AFRDI Level 6 certified Colour: Black Frame Fabric: TBC Locations: Shared Office Workroom, Clerical Printing Workroom	CHAIR SOLUTIONS T: (+61) 02 9624 1733 NOTE: Supplier Not on Government Contract 771		1	1

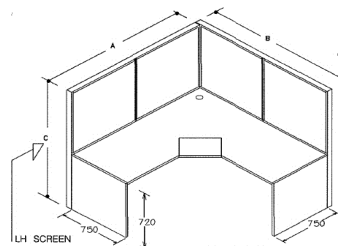
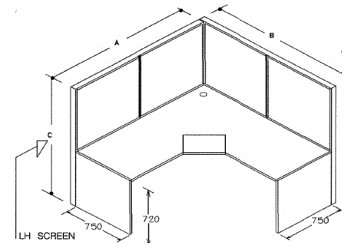
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FFE	S-15	CHAIR TYPE	REFER TO EFSG	Name: Postura Plus Gas Lift Plastic Dimensions: 680W x680D x455-590SH Colour: Black Frame Shell Colour: TBC Locations: IO Homebase with PAA	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebefurniture.com		1	1
FFE	S-32	CHAIR TYPE	REFER TO EFSG	Name: Cosmic Stool Dimensions: 350Dia x 655SH Colour: Black Frame Shell Colour: TBC Locations: Shared Office/Workroom, Clerical/Printing/Workroom, Canteen	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebefurniture.com		1	1
FFE	S-34	CHAIR TYPE	REFER TO EFSG	Name: REVO BURO Drafting Stool 90kg Capacity Dimensions: 350Dia Colour: Black Frame Seat Colour: Black Vinyl Locations: Shared Office/Workroom, Clerical/Printing/Workroom	DAL? NOTE: Supplier Not on Government Contract 771		1	1
FFE	S-40	CHAIR TYPE	REFER TO EFSG	Name: Optima Side Chair Colour: Black Frame Fabric: TBC Locations: Homebase with PAA, Canteen, Canteen Office/Store	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebefurniture.com		1	1
FFE	S-51	CHAIR TYPE	REFER TO EFSG	Name:Postura Max B/ 310SH Colour: TBC Locations: Homebase with PAA, Withdrawl Rooms NOTE: Seat Heights on Procured Schedule are from Postura Classic which are no longer available	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebefurniture.com		1	2
FFE	S-52	CHAIR TYPE	REFER TO EFSG	Name:Postura Max C/ 335SH Colour: TBC Locations: Homebase with PAA, Withdrawal Rooms, Library, Sick Bay NOTE: Seat Heights on Procured Schedule are from Postura Classic which are no longer available	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebefurniture.com		1	2
FFE	S-53	CHAIR TYPE	REFER TO EFSG	Name:Postura Max D/ 370SH Colour: TBC Locations: Withdrawal Rooms, Special Program NOTE: Seat Heights on Procured Schedule are from Postura Classic which are no longer available	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebefurniture.com		1	2

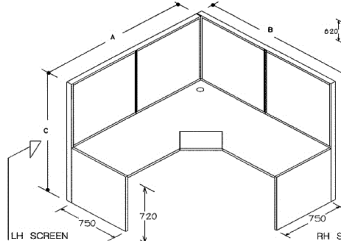
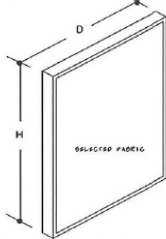
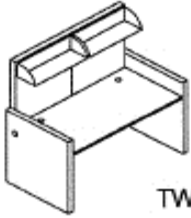
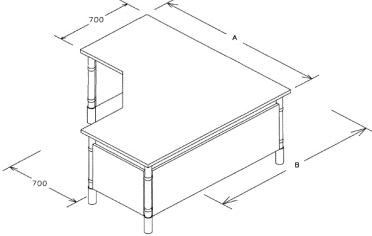
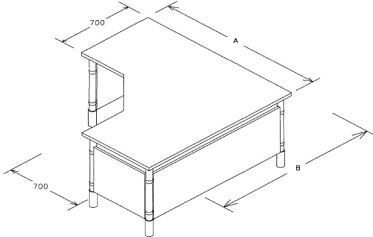
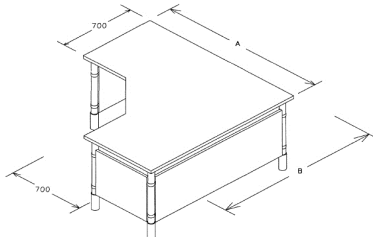
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FFE	S-54	CHAIR TYPE	REFER TO EFSG	Name: Postura Max E/ 405SH Colour: TBC Locations: PAA, Library, Special Program NOTE: Seat Heights on Procured Schedule are from Postura Classic which are no longer available	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelselfurniture.com		1	2
	S-55	CHAIR TYPE	REFER TO EFSG	Name: Postura Max 6/ 460SH Colour: TBC Locations: Bulk Store	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelselfurniture.com		1	2
FFE	S-93	CHAIR, VISITOR (WITH ARMS)	REFER TO EFSG	Name: METRO CHAIR WITH ARMS Dimensions: 580W x 605D x 455SH Colour: Black Frame Fabric: TBC Locations: Entry Vestibule, Staff Room, Principal & Deputy Principals Offices, Interview Rooms, Staff Room	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelselfurniture.com		1	1
FFE	S-101	CHAIR TYPE TROLLEY	REFER TO EFSG	Name: Postura® Plus 4 Seat Auditto Trolley Dimensions: 650W x 1160D x 1265H Colour: Black Frame Locations: Chair Store	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelselfurniture.com		1	1
FFE	STL01	CHAIR TYPE - STOOL (STAFF)		Name: Hive Stool Dimensions: 515W x 495D x 655SH Colour: Black Frame Seat Colour: Black Polypropylene Locations: Staff Room Kitchen Island Bench	FINESEAT C: Melissa Yang M: 0402 182 112 E: melissa@fineseat.com.au		1	2
				SOFT SEATING				
FFE	OT01	SOFT SEAT TYPE	REFER TO FURNITURE PLANS	Name: Rotunda 45° Curve Inner High Back Dimensions: 1018W x 650D x 900H x 450SH Fabric: House Vinyl Colour: TBC Locations: Shared PAA	FINESEAT C: Melissa Yang M: 0402 182 112 E: melissa@fineseat.com.au		1	1

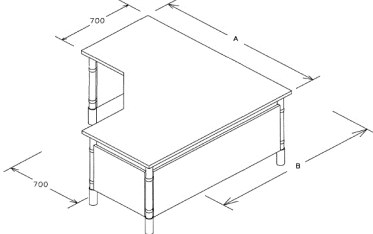
CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	OT02	SOFT SEAT TYPE	REFER TO FURNITURE PLANS	Name: Orbit Ottoman Dimensions: 1000DIA x 450H Fabric: House Vinyl Colour: TBC Locations: PAA	FINESEAT C: Melissa Yang M: 0402 182 112 E: melissa@fineseat.com.au		1	1
FFE	OT03	SOFT SEAT TYPE	REFER TO FURNITURE PLANS	Name: Dot Ottoman Dimensions: 450DIA x 450H Fabric: House Vinyl Colour: TBC Locations: PAA	FINESEAT C: Melissa Yang M: 0402 182 112 E: melissa@fineseat.com.au		1	1
FFE	OT04	SOFT SEAT TYPE	REFER TO FURNITURE PLANS	Name:Foam Sack Dimensions: 1300W x 900D Fabric: House Vinyl Colour: TBC Locations: ??????????????????	FINESEAT C: Melissa Yang M: 0402 182 112 E: melissa@fineseat.com.au		1	1
FFE	OT05	SOFT SEAT TYPE	REFER TO FURNITURE PLANS	Name:MODA FOUR Dimensions: 1200W x 1200D x 450H Fabric: House Vinyl Colour: TBC Locations: Staff Room	FINESEAT C: Melissa Yang M: 0402 182 112 E: melissa@fineseat.com.au		1	1
FFE	OT08	SOFT SEAT TYPE	REFER TO FURNITURE PLANS	Name: Rotunda Straight to Match with OT01 Code: Dimensions: 450W x650D x450SH Fabric: House Vinyl Colour: TBC Locations: Support PAA	FINESEAT C: Melissa Yang M: 0402 182 112 E: melissa@fineseat.com.au		1	2
FFE	OT09	SOFT SEAT TYPE	REFER TO FURNITURE PLANS	Name: Cara Medium Link Panel 100cm Code: Dimensions: 1000W x 100D x 1200H Colour: TBC Locations: Library	FINESEAT C: Melissa Yang M: 0402 182 112 E: melissa@fineseat.com.au		1	2
TABLES								
FFE	B-86	TABLE TYPE	REFER TO EFSG	Name: Workshop Demonstration Code: RE-B86 Colour: Charcoal Frame & Beech or Steel Blue Laminate Material: Size: 1770L x 645D x 890H Location: Bulk Store	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2

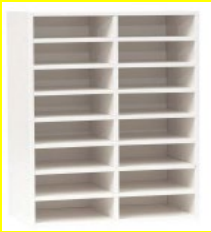
CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	SP-01	TABLE TYPE	REFER TO EFSG	Name: Adjustable Table Medium Range Code: ??? Colour: Charcoal Frame & Beech or Steel Blue Laminate Material: Size: 11174L x 565D x 491H Location: PAA IO/IS/P	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	T-19B	TABLE TYPE	REFER TO EFSG	Name: Oxford Desk Height Adjustable Code: RET19 with 2 Castors Colour: White Laminated Top with matching ABS edges Material: Size: 1200L x 600D x 545-750H Location: Homebases, PAA, PAA IO/IS/P	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	T-19	TABLE TYPE ??	REFER TO EFSG	Name: Utility Table D Code: ??? Colour: TBC Material: Size: 1200L x 600D x 720H Location: IO Homebase & PAA, Canteen, Canteen Office/Store	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelselfurniture.com	NOTE: Not on Sebel's website	1	1
FFE	T-20	TABLE TYPE ??	REFER TO EFSG	Name: Table Code: RET-20 Colour: TBC Material: Size: 900L x 900D x 720H Location: Staff Room	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	T-21	TABLE TYPE ??	REFER TO EFSG	Name: TBC Code: TBC Colour: TBC Material: TBC Size: ???L x ???D x 545H Location: PAA, Library	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au	NOTE: Not on Batger's website 	1	1
FFE	T-22	TABLE TYPE ??	REFER TO EFSG	Name: TBC Code: TBC Colour: TBC Material: TBC Size: ???L x ???D x 650H Location: PAA, Special Program	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au	NOTE: Not on Batger's website	1	1
FFE	T-23	TABLE TYPE ??	REFER TO EFSG	Name: TBC Code: TBC Colour: TBC Material: TBC Size: ???L x ???D x 605H Location: PAA, Library, Special Program	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au	NOTE: Not on Batger's website	1	1

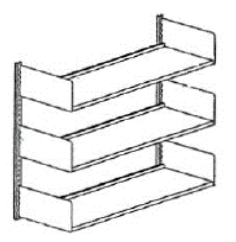
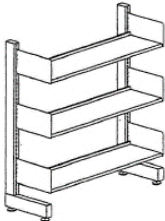
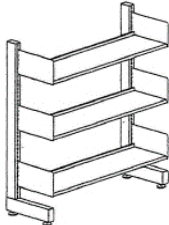
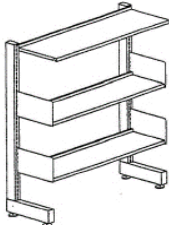
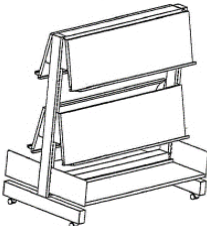
CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	T-26	TABLE TYPE ??	REFER TO EFSG	Name: School Work Table Code: TBC Colour: TBC Material: TBC Size: 1800L x 900D x 720H Location: Staff Room	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebefurniture.com		1	1
FFE	T-32	TABLE TYPE ??	REFER TO EFSG	Name: TBC Code: TBC Colour: TBC Material: TBC Size: 735 x735 x400H Location: Entry Vestibule	TBC		1	1
FFE	T-33	TABLE TYPE ??	REFER TO EFSG	Name: TBC Code: TBC Colour: TBC Material: TBC Size: 740Dia x400H Location: IO Homebase & PAA, Library	TBC		1	1
FFE	T-51	TABLE TYPE	REFER TO EFSG	Name: Teacher's Mobile Table Size: 1400L x750D x720H Colour: TBC Location: Homebase & PAA	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	T-60	TABLE TYPE - BENCH	REFER TO EFSG	Name: Bench Table Size: 1500L x900D x865H Colour: TBC Location: Clerical/Printing/Workroom	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebefurniture.com		1	1
FFE	T-84	TABLE TYPE	REFER TO EFSG	Name: Meeting Table Size: 900Dia x7205H Colour: TBC Location: Principal, Deputy Principals Double Office	TBC		1	1
FFE	T-88	TABLE TYPE	REFER TO EFSG	Name: Table, Pedestal, Mobile, 2 D + File D Size: 455L x600D x640H Colour: TBC Location: Clerical/Printing/Workroom, Shared Office Workroom, Principal, Deputy Principals, Interview/Office	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1

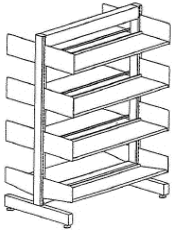
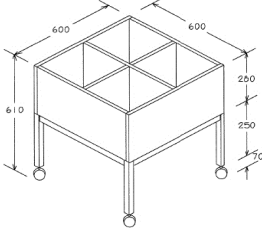
CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	T-151	TABLE TYPE ????? COMPUTER TABLE	REFER TO EFSG	Name: Computer Table B Size: 1200L x700D x500H Colour: TBC Location: Homebase & PAA	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelselfurniture.com	NOTE: Not on Sebel's website	1	1
FFE	T-152	TABLE TYPE ????? COMPUTER TABLE	REFER TO EFSG	Name: Computer Table C Size: 1200L x700D x545H Finish: TBC Location: Homebase & PAA, Library	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelselfurniture.com	NOTE: Not on Sebel's website	1	1
FFE	T-153	TABLE TYPE ????? COMPUTER TABLE	REFER TO EFSG	Name: Computer Table D Size: 1200L x700D x605H Finish: TBC Location: Homebase & PAA	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelselfurniture.com	NOTE: Not on Sebel's website	1	1
FFE	T-154	TABLE TYPE ????? COMPUTER TABLE	REFER TO EFSG	Name: ComputerTable E Size: 1200L x700D x650H Colour: TBC Location: Library	SEBEL C: Rebecca Turner M: 0408 295 628 E: rturner@sebelselfurniture.com	NOTE: Not on Sebel's website	1	1
FFE	TAB01	TABLE TYPE	REFER TO FURNITURE PLAN	SIMILAR TO T19B	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
WORKSTATIONS								
FFE	SW-206	WORKSTATION TYPE	REFER TO EFSG	Name:Workstation, with 2 shelf units Size: LH 1800 x RH 1800, LH Screen 1800 long x 1100 high, RH Screen 1800 long x 1500 high Finish:TBC Location: Clerical/Printing/Workroom	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	1
	SW-208	WORKSTATION TYPE	REFER TO EFSG	Name:Workstation, with 2 shelf units Size: LH 1800 x RH 1800, LH Screen 1800 long x 1500 high , RH Screen 1800 long x 1100 high Finish:TBC Location: Clerical/Printing/Workroom	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	1

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
	SW-405	WORKSTATION TYPE	REFER TO EFSG	Name:Workstation, with 2 shelf units Size: LH 2400 x RH 1800, LH Screen 2400 long x 820 high, RH Screen 1800 long x 1500 high Finish:TBC Location: Clerical/Printing/Workroom	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	1
	SW-932	WORKSTATION TYPE	REFER TO EFSG	Name:End Mid Screen, Size: 800 long x 1100 high Finish:TBC Location: Clerical/Printing/Workroom	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	1
	TW-143	WORKSTATION TYPE	REFER TO EFSG	Name:Teacher's Workstation Size: 1500 L x 750 D Single sided, 1 Bay, Rear Screen 1500 High with Shelves Finish:TBC Location: Interview Room/Office	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	1
	TW-243	WORKSTATION TYPE	REFER TO EFSG	Name:Teacher's Workstation Size: 1500 L x 750 D Provide Modesty Panel where Applicable Finish:TBC Location: Clerical/Printing/Workroom	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	2
FFE	UWS-1	WORKSTATION TYPE	REFER TO EFSG	Name:Workstation L Shaped Size: 1500 L x 1500 D Finish: TBC Location: Shared Office/Workroom, Interview Room/Office	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	1
FFE	UWS-4	WORKSTATION TYPE	REFER TO EFSG	Name:Workstation L Shaped Size: 1800 L x 1800 D Finish: TBC Location: Shared Office/Workroom	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	1
FFE	UWS-5	WORKSTATION TYPE	REFER TO EFSG	Name:Workstation L Shaped Right Hand Lonest Run (TBC) Size: 2400 L x 1800 D Finish: TBC Location: Deputy Principal Double Office	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	1

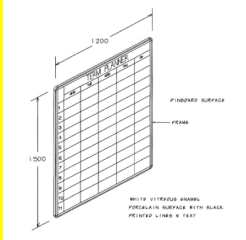
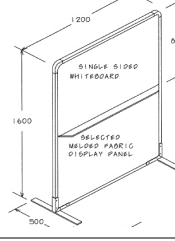
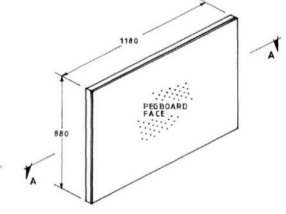
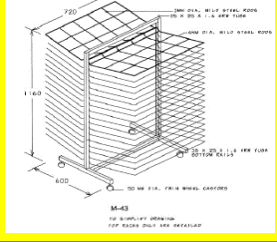
CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	UWS-6	WORKSTATION TYPE	REFER TO EFSG	Name:Workstation L Shaped Left Hand Lonest Run (TBC) Size: 2400 L x 1800 D Finish: TBC Location: Deputy Principal Double Office, Deputy Principla Office, Principal Office	WATTS C: Mark Hemmings M: 0419 494 930 E: mark.hemmings@wcf.com.au		1	1
STORAGE								
FFE	B-51	STORAGE TYPE	REFER TO EFSG	Name:Mobile Bench Cupboard Open Shelves Code: RE-B51 Size: 1175 L x435 D x865H Finish: TBC Location: Homebase & PAA, IO Homebase & PAA	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	B-52	STORAGE TYPE	REFER TO EFSG	Name:Mobile Bench Cupboard 6 Tote Trays & Open Shelves Code: RE-B52 Size: 1175 L x435 D x865H Finish: TBC Location: Homebase & PAA, IO Homebase & PAA	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	B-53	STORAGE TYPE	REFER TO EFSG	Name:Mobile Bench Cupboard 12 Tote Trays Code: RE-B53 Size: 1175 L x435 D x865H Finish: TBC Location: Homebase & PAA, IO Homebase & PAA, Clerical/Printing/Workroom	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	C-04	STORAGE TYPE	REFER TO EFSG	Name: Steelco Metal Clothes Locker Single Tier Code: RE-B52 Size: 305W x 460D x 1830H Finish: TBC Location: Shared Office/Workroom	OLP T: 1300 272 657 NOTE: Supplier Not on Governement Contract 771		1	1
FFE	C-08	STORAGE TYPE	REFER TO EFSG	Name:Storage Cupboard Code: RE-C08 Size: 880 L x470 D x1800H Finish: White Laminate Location: Deputy Principals' Offices	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	C-09	STORAGE TYPE	REFER TO EFSG	Name:Double Door Cloak Cupboard Code: RE-C09 Size: 880 L x470 D x1800H Finish: White Laminate Location: Staff Room /Annex	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2

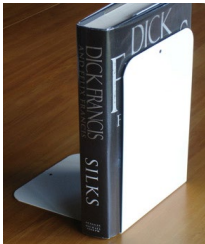
CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	C-26	STORAGE TYPE	REFER TO EFSG	Name:Pigeonhole Code: RE-C26 Size: 600 L x320 D x880H Finish: White Laminate Location: Staff Room /Annex	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	C-28	STORAGE TYPE	REFER TO EFSG	Name:Mercury Vertical Filing Cabinet 2D Filing Cabinet MVF2GR Code: 18732922 Size: 470W x620 D x710H Finish: TBC Location: Homebase & PAA, Interview Room/ Office, Canteen, Canteen Office/Store	WINC T: 1300 272 657 NOTE: Supplier Not on Government Contract 771		1	1
FFE	C-29	STORAGE TYPE	REFER TO EFSG	Name: Mercury Vertical Filing Cabinet 4D Filing Cabinet MVF4GR Code: 187322928 Size: 470W x620 D x1320H Finish: TBC Location: IO Homebase & PAA, Library, Shared Office/Workroom, Principal Office, Deputy Principal Office, Deputy Principal Double Office, Clerical/Printing/Workroom	WINC T: 1300 272 657 NOTE: Supplier Not on Government Contract 771		1	1
FFE	C-61	STORAGE TYPE	REFER TO EFSG	Name: Cupboard 2 Doors Code: RE-C61 Size: 880W x470D x1540H Finish: TBC Location: Principal Office	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	C-62	STORAGE TYPE	REFER TO EFSG	Name: Cupboard 4 Doors Code: RE-C62 Size: 880W x470D x1540H Finish: TBC Location: Principal Office	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	C-65	STORAGE TYPE	REFER TO EFSG	Name: Bookcase with Glass Doors Code: RE-C65 Size: 880W x470D x1540H Finish: TBC Location: Principal Office	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	C-95	STORAGE TYPE	REFER TO EFSG	Name: Bookcase with Glass Doors Code: RE-C95 Size: 880W x470D x1800H Finish: TBC Location: Deputy Principal Office, Deputy Principal Double Office	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1

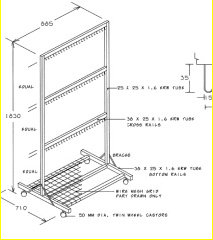
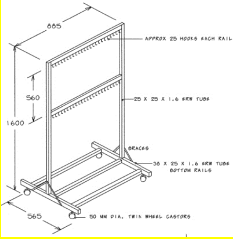
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FFE	CFL-100	STORAGE	REFER TO EFSG	Name: Flammable Liquid Cabinet - 100L Code: RE-C101 Size: 920W x615D x800H Finish: Yellow Location: Cleaner Supply Store	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	CFL-250	STORAGE	REFER TO EFSG	Name: Flammable Liquid Cabinet - 250L Code: RE-C101 Size: 1100W x500D x1750H Finish: Yellow Location: Bulk Store	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	LS-033	STORAGE	REFER TO EFSG	Name: Fixed Shelving, 800mm, Wall Fixed, Starting Bay with 3 Std 300mm Shelves Code: TBC Size: 900W x300D x780H Finish: TBC Location: Bulk Store	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	2
FFE	LS-792	STORAGE TYPE	REFER TO EFSG	Name: Shelving, 1100mm, Single Sided, Starting Bay with 3 Std 250mm Shelves Code: TBC Size: 900W x250 D x1100H Finish: TBC Location: Interview Room/Office	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	1
FFE	LS-793	STORAGE TYPE	REFER TO EFSG	Name: Shelving, 1100mm, Single Sided, Starting Bay with 3 Std 300mm Shelves Code: TBC Size: 900W x300 D x1100H Finish: TBC Location: Interview Room/Office	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	1
FFE	LS-832	STORAGE TYPE	REFER TO EFSG	Name: Shelving, Single sided Starting Bay with 2x Std 250 Shelves, 1x Canopy Code: TBC Size: 900W x250 D x1100H Finish: TBC Location: Staff Room-Annex	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	1
FFE	LS-1713	STORAGE TYPE	REFER TO EFSG	Name: Shelving, Double Sided, Magazine, Sloping Shelves Code: TBC Size: 900W x300 D Shelf x1100H x670 O/A D Finish: TBC Location: IO Homebase & PAA, Homebase & PAA, Library	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	1

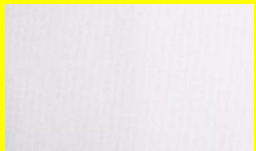
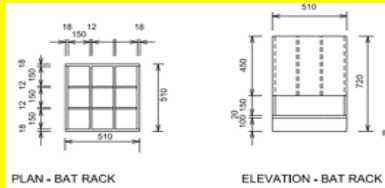
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FFE	LS-1823	STORAGE TYPE	REFER TO EFSG	Name: Shelving, Double Sided, Starting Bay with 6 Sloping 300mm Shelves Code: TBC Size: 900W x300 D Shelf x1400H x670 O/A D Finish: TBC Location: Library	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	1
FFE	SA-300	STORAGE TYPE	REFER TO EFSG	Name: Metal Shelving Code: TBC Size: 900W x300 D Shelf x2175H Finish: TBC Location: Secured Store Room	TBC		1	1
FFE	SA-400	STORAGE TYPE	REFER TO EFSG	Name: Metal Shelving Code: TBC Size: 900W x400 D Shelf x2175H Finish: TBC Location: Secured Store Room, Homebase Storeroom, PE Store, Performance Store, KLA Resource Store	TBC		1	1
FFE	SA-600	STORAGE TYPE	REFER TO EFSG	Name: Metal Shelving Code: TBC Size: 900W x600 D Shelf x2175H Finish: TBC Location: Secured Store Room, Canteen Office/Store, Homebase Storeroom, Sports Store Room, KLA Resource Store	TBC		1	1
FFE	MSS300/400	STORAGE TYPE	REFER TO EFSG	Name: Compactus Code: TBC Size: TBC Finish: TBC Location: KLA Resource Store	TBC		1	2
FFE	TR-00	STORAGE TYPE	REFER TO EFSG	Name: Library Trolley Code: TBC Size: 760W x485 D x820H Finish: TBC Location: Library	TBC		1	1
FFE	TR-03	STORAGE TYPE	REFER TO EFSG	Name: Library Trolley Book Bin Code: TBC Size: 600W x600D x610H Finish: TBC Location: Library	TBC		1	1

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	TR-05	STORAGE TYPE	REFER TO EFSG	Name: Library Picture Filing Code: TBC Size: 810W x610D x1420H Finish: TBC Location: Library	TBC		1	1
FFE	TR-05	STORAGE TYPE	REFER TO EFSG	Name: Library Book Return Trolley, Depressable Code: TBC Size: 670W x560D x720H Finish: White Laminate Location: Library Desk	ABAX KINGFISHER c : Elena Zaballero m : 1300 300 369		1	2
FFE	B-208	STORAGE TYPE	REFER TO EFSG	Name: Cube Mobile Bag Storage Code: RE-B208 Size: 1200W x450D x920H Finish: White Location: Homebases Generally	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
MISCELLANEOUS ITEMS								
FFE	Bo-19	MISC ITEM	MISC ITEM	Name: Fixed Whiteboard Code:REB0B19 Size: 1200 x 1200 Finish: TBC Location: Mainsbridge Offices	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	Bo-20	MISC ITEM	MISC ITEM	Name: Fixed Magnetic Whiteboard Code:REB0B20 Size: 1800 x 900 Finish: Natural Anodized AL Frame Location: SLSO Office, Homebases & Refer to Furniture Plans	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	Bo-21	MISC ITEM	MISC ITEM	Name: Double Sided Mobile Whiteboard Code: 1901029 Size: 1200W x900H Finish: TBC Location: Homebase & PAA, Library	ACCO BRAND T: (02) 9674 0900		1	1
FFE	Bo-25	MISC ITEM	MISC ITEM	Name: Fixed Whiteboard Code: REB0B25 Size: 2400 x 1200 Finish: TBC Location: Special Programs	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	Bo-27	MISC ITEM	MISC ITEM	Name: Whiteboard Term Planner Code: Size: 1200 x 1500 Finish: TBC Location: Special Programs	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	D-05	MISC ITEM	MISC ITEM	Name: Display Panel Code:RED05 Size: 1200 x 900 Finish: TBC Location: Minsbridge Offices	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	D-15	MISC ITEM	MISC ITEM	Name: Freestanding Display Panel Code: D15 Size: 900 x 500x1600H Finish: TBC Location: Library	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	D-16	MISC ITEM	REFER TO EFSG	Name: Display Panel, Pinboard/Whiteboard, Freestanding Code: TBC Size: 1200W x500D x1600H Finish: TBC Location: IO Homebase & PAA	TBC		1	1
FFE	M-02	FIXED PEGBOARD PANEL	REFER TO EFSG	Fixed Pegboard Panel Size: 1180 L x 880 H Location: Building E Bulk Store Room	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	1
FFE	M-43	ART DRYING RACK	REFER TO EFSG	Name: Jasart Art Dryer Size: 1180L x880H Finish: White Location: PAA, Special Program	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	2
FFE	FAC01	FIRST AID CABINET - TYPE 1	REFER TO EFSG	Description: An approved wall mounted proprietary Childcare and School First Aid Kit as recommended in Safe Work Australia, First Aid in the Workplace Code of Practice. Mounting: Wall mount so base is nominal 1350mm above floor Features: - 3 intermediate shelves Graphics: Label 'Medical Cabinet' and with first aid symbol consisting of white cross on green background Finish: Pre-coat with a factory-applied oven baked enamel. - Colour White Dimensions: 390W x 300H x 165mm	SETON		1	2

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	FAC02	FIRST AID CABINET - TYPE 1	REFER TO EFSG				1	2
FFE	SKC01	SECURITY KEY CABINET- TYPE 1	REFER TO EFSG	Description: An approved wall mounted proprietary heavy gauge metal security type key cabinet Capacity: 140 keys Size: 430 (h) x 430 (w) x 120mm (d) Cabinet material: Fabricated from 3mm thick steel fully welded. Mounting: Wall mount so base is nominal 1100mm above floor Features: - 6 lever Jackson security lock - 6mm anti-jimmy surround - Welded security rod hinges Finish: silver hammertone baked enamel paint. Proprietary item: TRAFLAGAR Heavy Duty Key Cabinet - Model SK01/140.	SETON		1	2
FFE	CD01	CASH DRAWER INERT	REFER TO EFSG				1	2
FFE	BH01	BROOM HOLDER	REFER TO EFSG	Location: Cleaners Stores Oates All Purpose Broom Holder code: OAB12146 dimensions: 450W x 102D x 73H mm colour: Grey	OFFICEWORKS		1	2
FFE	LS-M07	MISCELLANEOUS ITEM	REFER TO EFSG	Name: Book End Code: N/A Descriptions: Cold-rolled steel and powdercoated Size: 150W x 150D x220H Finish: White Location: Library	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	1
FFE	LS-M08	MISCELLANEOUS ITEM	REFER TO EFSG	Name: Book Label Shelf Code: TBC Descriptions: TBC Size: TBC Finish: TBC Location: Library	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	2

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	LS-M60	MISCELLANEOUS ITEM	REFER TO EFSG	Name: Kiick Step Code: N/A Descriptions: Cold-rolled steel and powdercoated Size: 300DIA Finish: White Location: Library	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	1
FFE	M-12	SICKBAY LOUNGE	REFER TO EFSG	Name: Folding Lounge Sick BayCode:Colour: BlackMaterial/Finish: Black Frame & Standard Black	SEBELC: Rebecca TurnerM: 0408 295 628E: rturner@sebelcfurniture.com	  	1	1
FFE	M-31	RESOURCE BAGS HOLDER	REFER TO EFSG	Name: 3 Tier Resource Bags Holder Code: Colour: White Powdercoat Material/Finish: Metal Frame Size: 885W x710D x1830H Location: Resource Store	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	2
FFE	M-32	RESOURCE BAGS HOLDER	REFER TO EFSG	Name: 2 Tier Resource Bags Holder Code: Colour: White Powdercoat Material/Finish: Metal Frame Size: 885W x710D x1600H Location: Resource Store	ABAX KINGFISHER c: Elena Zaballero m: 1300 300 369		1	2
	BLD01	BLIND TYPE 01	REFER TO EFSG	VERTILUX SINGLE BLIND FABRIC: 100% Trevira CS with FR Backing (100% Free of PVC) RANGE Blockout: EuroBloc Room Darkening Blackout FABRIC COLOUR EuroBloc: Silk SIZES: Refer to Window Schedule - Blind widths along windows wider then 2400mm are to be evenly distributed. - All vertical fabric joints are to align with mullions. Supplier nominates 27mm spacing. SYSTEM TYPE: 1.02 Easydrive BGS® Roller Blind System CONTROL CHAIN: Stainless steel bead 4.6mm diameter, with black coloured control BASE BAR: Flat 11mm x 22mm. Finish: Anodised clear; SIZES : Refer to Window Schedules for widths and heights (drops) for blinds; NOTE: - Maximum 2400mm width - Maximum 2700mm Height - Blind widths along windows wider then 1800mm are to be evenly distributed. - Vertical fabric joints are to align with mullions. Supplier nominates 27mm spacing; CONTROL CHAIN FIXING: Fix back to wall via child restraint system at 1500mm AFFL Locations: Generally all external windows unless otherwise noted	VERTILUX c: Felicity Alleyne t: 0437 323 415		1	2

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	BLD02	BLIND TYPE 02	REFER TO EFSG	VERTILUX SINGLE BLIND MOTORISED FABRIC: 100% Trevira CS with FR Backing (100% Free of PVC) RANGE Blockout: EuroBloc Room Darkening Blackout FABRIC COLOUR EuroBloc: Silk SIZES: Refer to Window Schedule - Blind widths along windows wider then 2400mm are to be evenly distributed. - All vertical fabric joints are to align with mullions. Supplier nominates 27mm spacing. SYSTEM TYPE: 1.02 Easydrive BGS® Roller Blind System Motorised & Linked CONTROL CHAIN: Stainless steel bead 4.6mm diameter, with black coloured contro;l BASE BAR: Flat 11mm x 22mm. Finish: Anodised clear; SIZES : Refer to Window Schedules for widths and heights (drops) for blinds; NOTE: - Maximum 2400mm width - Maximum 2700mm Height - Blind widths along windows wider then 1800mm are to be evenly distributed. - Vertical fabric joints are to align with mullions. Supplier nominates 27mm spacing; CONTROL CHAIN FIXING: N/A Location: High level windows in Hall	VERTILUX c: Felicity Alleyne t: 0437 323 415		1	2
FFE	RBT	RACK FOR BATS	REFER TO EFSG	Construction Construct from 18 mm thick edge stripped particleboard front, back, sides, main divisions and base. From 12 mm thick edge stripped particleboard provide "eggcrate" divisions between the main divisions as detailed on the drawings. Size: 670 deep x 2390 long x 720 mm high Base support: 100 x 50 mm on edge at 600 mm maximum centres Kickplate: Out of 25 mm (nominal) timber to match set back 50 mm Front gap: Allow a 150 mm high gap above base fixing only the main divisions and ends to base Finish: 2 coats clear polyurethane GUIDE NOTE: Refer to the EFSG SG DRAWING / SG502/9.	BATGER C: Stephen Richards M: 0409 126 946 E: stephenr@batger.com.au		1	2
FFE	RUG	CLASSROOM RUG	2	Name: Owl-phabet Tree Carpet – 240 x 360cm Code: Colour: Material/Finish: Nylon pile with skid resistance backing Size: 2400 x 3600 Location: Mainsbridge Classrooms	MODERN TEACHING AIDS tel:1800 251 497 e: sales@teaching.com.au		1	2
FIXTURES & EQUIPMENT								
BASINS/SINKS/BATHS								
FFE	BSN01	BASIN TYPE 01	REFER TO EFSG [1 Per WC]	Care 500 Wall Basin Code: 873210W 1 tap hole, complete with anti- vandal chrome plated brass waste and plastic plug White vitreous china 570L x395W Location: WC generally	GWA Phone: 131416 Website: www.caroma.com.au		1	1
FFE	BSN02	BASIN TYPE 02	REFER TO EFSG	Caroma Opal 720 Wall basin with shelf and shroud, Code: 632110W (RH bowl) or 632210W (LH bowl), 1 tap hole, complete with anti- vandal chrome plated brass waste and plastic plug 695L x450W x158D White vitreous china Location: ACCESSIBLE WC	GWA Phone: 131416 Website: www.caroma.com.au		1	2

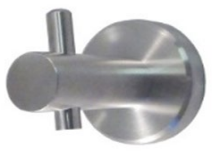
CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	SNK01	CLEANERS SINK	REFER TO EFSG	Clark, Stainless Steel Cleaners Sink with plug, waste, bucket grille, Model No Y5100. Provide legs Y5914. Stainless Steel BS, Bucket Sink, rim at 500mm high Location: Cleaners Sinks & Block D BD.11 Botany /Zoology Room Refer to Drawings	GWA Phone: 131416 Website: www.clark.com.au		1	1
FFE	SNK02	KITCHEN SINK	REFER TO EFSG	CLARK Advance Single Right Hand End Bowl (1 Tap Hole) with overflow dimensions: 930L x480W x170D code: 1503.1R OR L Bowl volume: 20L Premium 304 grade stainless steel Functional embossed drainer Includes basket waste Location: Sick Bay, Teapreps Refer to Drawings for handling	GWA Phone: 131416 Website: www.clark.com.au		1	1
FFE	SNK03	KITCHEN SINK	REFER TO EFSG	CLARK Advance Double End Bowl with 1 Taphole dimensions: 1380L x480W x170D code: 3501.1R Bowl volume: 20L Each Premium 304 grade stainless steel Functional embossed drainer Includes basket waste Location: Staff Room, Canteen, OHSC Kitchen Refer to Drawings for handling	GWA Phone: 131416 Website: www.clark.com.au		1	3
FFE	SNK04	SS HANDWASH BASIN		BRITEX DESCRIPTION: Vanity Inset Basin complete with 40mm waste outlet and fixing pins CODE: HBVI DIMENSIONS: 500L x 405W x 160D • CANTEEN NOTE: To be used with sensor mixer TAP04	Britex c: Sandra Burns m: 0416 233 565		1	2
FFE	SNK05A	SINK TYPE 05A		BRITEX DESCRIPTION: PWD Preplumbed Hand Wash Trough CODE: TPWDPH-4-TW0007-1800-WB-R DIMENSIONS: 1800L x 405W x 162D Provide middle bracket support 3 Taps. Provide middle support bracket • WET AREAS Refer to Wet Area Details	Britex c: Sandra Burns m: 0416 233 565		1	2
FFE	SNK05B	SINK TYPE 05B		BRITEX DESCRIPTION: PWD Preplumbed Hand Wash Trough CODE: TPWDPH-4-TW0007-1800-WB-R DIMENSIONS: 2400L x 405W x 162D 4 Taps. Provide middle support bracket • WET AREAS Refer to Wet Area Details	Britex c: Sandra Burns m: 0416 233 565		1	2

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	SNK06	TROUGH SINK	REFER TO EFSG	Name/Code: TRRAC-A with overflow Particular Requirements: 3 taps: one gooseneck and 2 extended taps. Size: 1500L x 450D x 160H Location: PAA	Britex c: Sandra Burns m: 0416 233 565	 Image shows Model TRRAC-A Tap Hole to rear only TW-LBSET-01 Laboratory Tap with Aerator TW-LBSET-09 Lab Set Bib Cock Bench Mounted Type 26	1	2
FFE	SNK07	LAUNDRY TUB & CABINET	REFER TO EFSG	CAROMA DESCRIPTION: Eureka 45 Litre Compact Tuba and Cabinet with overflow FINISH: Stainless Steel Or Clark 70 Litre with Cabinet • Laundry	Caroma Industries Phone: 131416 Website: www.caroma.com.au		1	2
FFE	SINK08	LAUNDRY TUB MAINSBRIDGE	REFER TO FURNITURE PLAN MAINSBRIDGE	CLARK DESCRIPTION: 45 Litre Flushline Standard Tub - By-pass No Tap Hole DIMENSIONS: 550L x480w x267D FINISH: Stainless Steel • Laundry Mainsbridge To be used with TAP05	GWA Phone: 131416 Website: www.caroma.com.au		1	2
FFE	SNK10	SS HANDWASH BASIN	REFER TO FURNITURE PLAN MAINSBRIDGE	BRITEX CODE: HBH3 DESCRIPTION: Britex Stainless Steel inset Round Basin with overflow DIMENSIONS: 285 DIA O/A x100D FINISH: 1.2 Grade 304 Stainless Steel Location: Staff Room Kitchen Island Bench To be used with TAP08	Britex c: Sandra Burns m: 0416 233 565		1	2
FFE	SNK11	BUBBLER	REFER TO FLOOR PLAN	BRITEX CODE: P6 DESCRIPTION: AccessibleStainless steel drinking trough suited to wheelchair access, pre-plumbed with push button bubblers. AS1428 compliant. Pre-plumbed push button bubblers with safety rubber mouth pieces DIMENSIONS: 1800L x500D FINISH: 1.2 Grade 304 Stainless Steel Location: Outside Students Toilets 3x Pre-plumbed push button bubblers with safety rubber mouth pieces plus Bottle Filler Tap TW-BF-HS	Britex c: Sandra Burns m: 0416 233 565		1	2
FFE	SNK12	BUBBLER	REFER TO FLOOR PLAN	BRITEX CODE: P6 DESCRIPTION: AccessibleStainless steel drinking trough suited to wheelchair access, pre-plumbed with push button bubblers. AS1428 compliant. Pre-plumbed push button bubblers with safety rubber mouth pieces DIMENSIONS: 2400L x500D FINISH: 1.2 Grade 304 Stainless Steel Location: Outside Mech Plant 4x Pre-plumbed push button bubblers with safety rubber mouth pieces plus Bottle Filler Tap TW-BF-HS	Britex c: Sandra Burns m: 0416 233 565		1	2
	TAPWARE							

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	TAP01	TAP TYPE 01 - STUDENT BASIN		Enware Delabie Temosoft Time Flow Basin Tap code: TFC740510 & TFCS SPACER •Soft push activation with approximately 7 seconds (-2/+2) flow time •Automatic shut-off without manual contact •Hygienic, anti-scale flow straightener outlet •Supplied bright chrome finish with blue, yellow and red indicators WELS: 6 Star	Enware c: Jordi Skelton m: 0432 807 568		1	2
FFE	TAP02	TAP TYPE 02 - STAFF BASIN		Enware Safira Basin Mixer with Yellow / Blue Indicator code: SAF606-YB •Durable Oras single lever with brass spindle for durability •Metal handle with hot/cold or warm/cold indicators •Longer spout to avoid direct discharge to basin waste •Higher set to help enable thorough hand washing •Oras 3S fixing system for a more efficient installation •Available with extended handle for access installations WELS: 5 Star	Enware c: Jordi Skelton m: 0432 807 568		1	1
FFE	TAP03	SHOWER MIXER - ACCESSIBLE	REFER TO EFSG [Approx.]	ENWARE DESCRIPTION: Mixer tap complete with blue and yellow indicator labels with plate finished in bright chrome plate. Code: SAF608-YB FINISH: Chrome • Accessible Shower/WC's WELS NA	Enware c: Jordi Skelton m: 0432 807 568		1	1
FFE	TAP04	SENSOR BASIN MIXER		ENWARE DESCRIPTION: ORAS VIVA series Sensor Activated basin Tap. Hob Mount. Code: ENM6120-6C WELS 6 Star (5.4 lpm) FINISH: Bright chrome • Typical Toilets • Ambulant Toilets	Enware c: Jordi Skelton m: 0432 807 568		1	2
FFE	TAP05	CLEANER TAP	REFER TO EFSG [Approx.] [1 Per Cleaners ST]	Enware VP317S (one Pair) recess cock, with vandal proof school pattern handles, finished in bright chromium plate Wel 5 Star Cold Water Only	Enware Australia Phone: 03 9550 0333 Website: www.enware.com.au		1	1
FFE	TAP06	NOT IN USE					1	1
FFE	TAP07	TAP TYPE 03 - ACCESS BASIN	REFER TO EFSG [Approx.]	Enware Safira Basin Mixer with Extended Lever Handle with Yellow / Blue indicator code: SAF606D YB - Durable Oras single lever mixer cartridge with brass spindle for durability - Metal handle with hot/cold or warm/cold indicators - Longer spout to avoid direct discharge to basin waste - Higher set to help enable thorough hand washing - Oras 3S fixing system for a more efficient installation - Extended lever handle for access installations WELS: 5 Star	Enware c: Jordi Skelton m: 0432 807 568		1	1

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	TAP08	SINK MIXER WITH EXTENDED HANDLE	REFER TO EFSG [Approx.]	Description: Safira Sink Mixer with Red / Blue Indicator Extended Handle code: Product Code : SAF607RB - Metal handle with hot/cold or warm/cold indicators - Restricted swivel 120 degrees (can be restricted to 40 80 degrees) WELS: 5 Star	Enware c: Jordi Skelton m: 0432 807 568		1	1
FFE	TAP09	NOT IN USE					1	2
FFE	TAP10A	ACCESSIBLE SHOWER OUTLET SET - RIGHT HAND		ENWARE DESCRIPTION: ENWARE ACCESSIBLE CHROME HAND HELD SHOWER & SMOOTH HOSE, 900mm SS GRAB RAIL Code: SGR23NS Handing: Refer to Wet Area Details • Accessible • Shower/WC's WELS 4 STAR	Enware c: Jordi Skelton m: 0432 807 568		1	2
FFE	TAP10B	ACCESSIBLE SHOWER OUTLET SET - LEFT HAND		ENWARE DESCRIPTION: ENWARE ACCESSIBLE CHROME HAND HELD SHOWER & SMOOTH HOSE, 900mm SS GRAB RAIL Code: SGR23NS Handing: Refer to Wet Area Details • Accessible • Shower/WC's WELS 4 STAR	Enware c: Jordi Skelton m: 0432 807 568		1	2
		WC/URINALS						
FFE	WC01	GENERAL TOILET SUITE	REFER TO EFSG [Approx. 31] [1 Per WC]	Caravelle Close Coupled Toilet Suite WELS 4 star	Caroma Industries Phone: 131416 Website: www.caroma.com.au		1	1
FFE	WC02	ACCESS TOILET SUITE	REFER TO EFSG [Approx. 7] [1 Per ACC WC]	Caroma Cosmo Care with backrest Seat Colour: BLUE Code: 982920 WELS 4 Star Install to AS1428.1, DDA and EFSG requirements.	Caroma Industries Phone: 131416 Website: www.caroma.com.au		1	2
FFE	WC03	AMBULANT TOILET SUITE	EFSG TO ADVISE	Caroma Cosmo Sovereign Care Anthracite BLUE seat WELS 4 Star Install to AS1428.1, DDA and EFSG requirements. Dimensions & Seat height to suit ambulant requirements	GWA Phone: 131416 Website: www.caroma.com.au		1	2
		WET AREA FITTINGS						

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	MR01	MIRROR - STUDENT WC + ACCESSIBLE WC		BRITEX DESCRIPTION: Security Stainless Steel Mirror 350mm w x 990mm h. Bonded to MR substrate to ensure mirrored surface remains flat. Accessible Compliant FINISH: #8 True Mirror finish stainless steel	Britex c: Sandra Burns m: 0416 233 565		1	2
FFE	MR02	MIRROR - STAFF UNIT + AMBULANT WC		BRITEX DESCRIPTION: Security Stainless Steel Mirror 350mm w x 990mm h. Bonded to MR substrate to ensure mirrored surface remains flat. Accessible Compliant FINISH: #8 True Mirror finish stainless steel	Britex c: Sandra Burns m: 0416 233 565		1	2
FFE	MIR03	MIRROR - CANTEEN OFFICE		DESCRIPTION: Clear Glass Mirror with Polished Edges Concealed Fixing DIMENSIONS: 600W x900H Refer to Canteen Office Room Elevation	ADP AUSTRALIA c: Michael Paul m: 0402 772 906		1	
FFE	PTD03	PAPER TOWEL DISPENSER SURFACE MOUNTED		DESCRIPTION: B-262 Classic Series Surface Mounted Paper Towel Dispense Satin-finish Stainless Steel, with Tumbler Lock Capacity: 400 C-fold or 525 multifold paper towels 275W x100D x355H Locations: Bulk Store,	RBA Group		1	2
FFE	HD01	HAND DRYER TYPE 1	REFER TO EFSG	JD MACDONALD APPLAUSE AUTOMATIC HAND DRYER SATIN STAINLESS STEEL • Access WC	JD McDonald c: Linda Lukas t: 0439 312 425		1	2
FFE	SD01	STANDARD SOAP DISPENSER	REFER TO EFSG	BOBRICK DESCRIPTION: B4112. Bobrick soap dispenser Contura. Stainless steel soap dispenser. 180w x 155h. Antibacterial soap resistant. FINISH: Satin Stainless Steel • Typical Toilets • Ambulant Toilets • Special Programs Rooms • Practical Activities • OSHC Kitchenette			1	2
FFE	SD02	SOAP DISPENSER	REFER TO EFSG	BOBRICK DESCRIPTION: B2012. Bobrick soap dispenser. Stainless steel soap dispenser. 108w x 268h. Accessible Compliant FINISH: Satin Stainless Steel • Accessible Toilets • Assisted Toilet • Canteen • Bulk Store			1	2

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	CH01	COAT HOOK	REFER TO EFSG	DORMAKABA Coat Hook CH7101 48DIA x46PROJ 316 Grade Stainless Steel Green Star Rated "A" Level GECA certification High Durability with Concealed Fixings			1	1
FFE	CH02	COAT HOOK	REFER TO EFSG	METLAM DESCRIPTION: 700_SS FINISH: Satin Stainless Steel • Accessible Toilets			1	2
FFE	CR01	ACCESSIBLE CURTAIN RAIL	REFER TO EFSG	RBA DESCRIPTION: RBA4171-101. Shower Curtain Rail with curatin and hooks. Stainless. With concealed fixings. Adjustable length at either end. FINISH: Satin Stainless Steel Curtain: White vinyl Hooks: Stainless Steel • Accessible Shower/ WC's • Assisted Toilet	RBA Group		1	2
FFE	FW01	FLOOR WASTE TYPE 01	REFER TO EFSG [Approx. 80]	Location: Refer to Hydraulic and Civil Drawing Stainless 316 Steel Heel Grate Floor Drain Grate Round 100mm Finish: Satin Code: 116186 Dimension: 100mm	TRADELINK		1	1
FFE	GR02	AMBULANT WC GRAB RAIL	REFER TO EFSG [Approx. 7] [1 Per ACC WC]	Description: 90 degree grab rail to both sides of WC Material: Grade 304 stainless steel Requirements - AS1428.1 compliant design & installation - Securely fix to walls - Concealed fixings with cover plates Prop. Item: JD Macdonald GRC-AM45	JD McDonald c: Linda Lukas t: 0439 312 425		1	1
FFE	GR03	ACCESSIBLE WC SHOWER GRAB RAIL	REFER TO EFSG [Approx. 7] [1 Per ACC WC]	Description: Horizontal grab rail Material: Grade 304 stainless steel Requirements: - AS1428.1 compliant design & installation - Securely fix to walls - Concealed fixings with cover plates - Where rails are used in shower or bath areas provide safety grip rails with knurling on straight grip surfaces. Prop. Item: JD Macdonald GRC-GSS 600mm long	JD McDonald c: Linda Lukas t: 0439 312 425	 	1	1

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	GR04	GRAB RAIL	REFER TO EFSG [Approx.]	Description: Proprietary stainless steel or anodised aluminium rail with added protection of the Germ Shield as well as knurled safety grip or plastic hand grip, wall bumper, rubber stop and catch. Material: Grade 304 stainless steel Requirements: - AS1428.1 compliant design & installation - Securely fix to walls - Where rails are used in shower or bath areas provide safety grip rails with knurling on straight grip surfaces - Concealed fixings with cover plates Prop. Item: - JD Macdonald JDM -GNS-9 Handing refer to Wet Area Details	JD McDonald c: Linda Lukas t: 0439 312 425		1	2
FFE	GR05	GRAB RAIL	GRAB RAIL	Description: Proprietary stainless steel or anodised aluminium rail with added protection of the Germ Shield as well as knurled safety grip or plastic hand grip, wall bumper, rubber stop and catch. LOPING ARM 40 DEGREES FROM HORIZONTAL Material: Grade 304 stainless steel Requirements: - AS1428.1 compliant design & installation - Securely fix to walls - Where rails are used in shower or bath areas provide safety grip rails with knurling on straight grip surfaces - Concealed fixings with cover plates Prop. Item: - JD Macdonald JDM -GFS-8 Handing refer to Wet Area Details	JD McDonald c: Linda Lukas t: 0439 312 425		1	2
FFE	SHC01	ACCESSIBLE WC SHOWER CURTAIN	REFER TO EFSG [Approx.]	Description: Curtain track with matching end brackets and ceiling suspension hangers. Waterproof curtain. Track: - Material: extruded anodised aluminium box section track with nylon Glider / Hooks. - Height from finished floor level: 2000 mm Curtain: - Type: White 150 denier polyester @ 60gm/m2 - washable. - Nom. Size: 1.25 opening width or track length. - Hemming: Double hemmed all round with reinforced head, buttonholes sewn with heavy grade polyester thread OR sides and bottom cut with hot wire to completely seal edge. Accessories: - Material: brass - Eyelets: 75 mm maximum centres equally spaced - Strap on rings: - Finish: Heavy chrome plating. Installation: Fix track to end walls and support with ceiling fixing rod at any bend and / or 1800mm Max centres. Requirements: - XXXX			1	2
FFE	STN01	STAIR NOSING TYPE 1	REFER TO EFSG [Approx.]	Description: proprietary extruded aluminium stair nosing with colour contrasting infill. Finish: Mill / Clear anodised Infill strip type: 1 x 50mm / 4 x nom 9mm evenly spaced Infill colour: XXXX Installation: Full width of stair less 50mm margins to sides. Fixing: Stainless steel anchors Proprietary item: :LATHAM ST series type: XXXX			1	2
FFE	TPH01	ACCESSIBLE TOILET ROLL HOLDER	REFER TO EFSG	Metlam DESCRIPTION: FINISH: Satin Stainless Steel • Accessible Toilets			1	2
FFE	TPH02	STANDARD TOILET ROLL HOLDER	REFER TO EFSG	BOBRICK DESCRIPTION: FINISH: Satin Stainless Steel • Typical Toilets • Ambulant Toilets			1	2

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	SD01	ACCESSIBLE SOAP DISH	REFER TO EFSG	METLAM DESCRIPTION: ML231 Soap Dish With Drain. Flush Surface Mounted. Concealed Fix FINISH: Satin Stainless Steel • Accessible Shower/ WC's • Assisted Toilet			1	2
FFE	SH01	ACCESSIBLE SHELF	REFER TO EFSG	METLAM DESCRIPTION: ML951_400 Utility Shelf. Size: 400mmW x 70mmH x 130mmD FINISH: Satin Stainless Steel • Accessible Shower/ WC's • Assisted Toilet			1	2
FFE	FSS01	ACCESSIBLE WC SHOWER SEAT	REFER TO EFSG	Location: Accessible Shower Description: Proprietary folding phenolic shower seat Frame material: Grade 304 stainless steel Nom. Size: 970 x 395 mm Requirements: - AS1428.1 compliant - Securely fix to walls Installation: To AS1428.1 & AS1428.2 Prop. Item: JD Macdonald 10-7320	ASI JD MacDonald c: Linda Lukas m: 0439 312 425		1	1
FFE	ACT01	ADULT CHANGE TABLE/ LIFTING HOOKS??	REFER TO EFSG	ABCO DESCRIPTION: CHANGE TABLE LARGE ADULT RANGE Dimensions- 710 (W/L) x 1930 (D) x 450-950 (H) Finish - Vinyl Colour - Smoke Requirements - Side Panel and Cot Ends"	ABCO Healthcare t: (03) 9768 3756		1	2
FFE	LK01	LIFTING HOOKS	REFER TO EFSG	Name: Heavy Duty Swivel Fixed Point Kit Size: Heavy duty hook for indoor swing, 250 kg capacity, 360° swivel Colour: Red Location: Special Needs Homebase	CHS Healthcare t: 1300 789 420"		1	2
FFE	LK01	PORTABLE LIFTING HOIST	REFER TO EFSG	COMPACT PORTABLE HOIST Model: Oxford Advance Dimensions: 450H x 1180W x550D Fold Dimensions Location: Special Need Bathroom SUPPLIER Active Mobility T: 1800 543 837"	Active Mobility T: 1800 543 837"		1	2
		APPLIANCES					1	

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	WM01	WASHING MACHINE/DRYER	REFER TO EFSG	ELECTROLUX DESCRIPTION: EWW14013. 10kg/6kg UltimateCare System. 600W x 665D x 850H COLOUR: White • Laundry Energy Rating: 5 Star	HARVEY NORMAL COMMERCIAL C: T: (02) 9710 4155 E: enquiries@au.harveynorman.com		1	2
FFE	DW01	DISHWASHER TYPE	REFER TO EFSG	BOSCH DESCRIPTION: UNDER BENCH DISHWASHER Code: SMU66MS02A Serie 6. 598W x 573D x 815H COLOUR: Stainless steel • Staff Room WELS: 5 Star Energy: 4 Star	AppliancesOn Line		1	2
FFE	FR01	BAR FRIDGE	REFER TO EFSG	WESTINGHOUSE DESCRIPTION: WIM1200AD 124 Bar Fridge. 560W x 575D x 845H – Hinged Left • Admin and Staff Rooms, Sick Bay Energy Rating: 2.5 Star Handing: Refer to Joinery Details	HARVEY NORMAN C: Ika Barisic M: 0417 096 180 E: ika.barisic@au.harveynorman.com		1	2
	MW01	MICROWAVE OVEN TYPE 1	REFER TO EFSG	Product: Westinghouse 40L Microwave Convection Oven, 1100W. Code: WMF4102SA Colour: White Finish: N/A Product Type: Microwave Convection Oven Size: 553W x 453W 327H Particular Requirements: Must be EFSG compliant. Any alternatives must be approved by architect. Location: Staff Lounge	HARVEY NORMAL COMMERCIAL C: T: (02) 9710 4155 E: enquiries@au.harveynorman.com		1	2
FFE	REF01	REFRIGERATOR	REFER TO EFSG	FISHER & PAYKEL DESCRIPTION: Fridge Freezer 790mm, 519L E522BLXFD5. Hinged Left or Right - 790W x 695D x 1715mm H • Staff Room Energy Rating: 3.5 Star Handing: Refer to Joinery Details & Furniture Plan	HARVEY NORMAL COMMERCIAL C: T: (02) 9710 4155 E: enquiries@au.harveynorman.com		1	2
FFE	REF02	REFRIGERATOR		WESTINGHOUSE DESCRIPTION: Bottom Mount Frost Fridge 317L WBB3400WH-X. Hinged Right - White 598W x 650D x 1645 H Location: Adjacent Resource Store nergy Rating: 3.5 Star Handing: Refer to Joinery Details & Furniture Plan	Appliances On Line		1	2

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
FFE	BHP	BOLING HOT PLATE	REFER TO EFSG	ROBAND DESCRIPTION: Model no. 12. Double Plate. 510W x 265D x 105H • Canteen Energy Rating: NA	ROBAND		1	2
FFE	STV01	FREESTANDING STOVE	REFER TO EFSG	ARTUSI DESCRIPTION: AFC607X 60cm Freestanding Electric Oven/Stove Dimensions: 600W x600D x900H Finish: Stainless Steel Location: Canteen & OSHC Kitchen	HARVEY NORMAL COMMERCIAL C: T: (02) 9710 4155 E: enquiries@au.harveynorman.com		1	2
FFE	IK01	INSECT KILLER	REFER TO EFSG	INSECT-O-MATIC DESCRIPTION: Edgse Blue Board Fly Killer CODE: ZF105 DIMENSIONS: 570W x110D x370H • Canteen Energy Rating: NA	INSECTOMATIC		1	2
ICT								
ICT	AV01	AV REQUIREMENTS - MOBILE SMART SCREEN	TBC	AV Requirements: 75 inch Smart Board Location: 1 in each Homebase, Staff room, Library. Mounting Requirements: For fixed mounted display, the screens are mounted with controllable, height adjustable screen mounts. For high school, the top of the display shall be lower than 1650AFFL at low adjustment point, the top of display may be over 2200mm at high adjustment point -Light should be diffused and indirect with an even 400lux coverage for VC Type:Refer to Electrical, AV, & Security documentation requirements: provide 5 year on site warranty			1	2
ICT	AV02	AV REQUIREMENTS - FIXED SMART SCREEN	TBC	AV Requirements: 86inch Smart Board Location: Library Type:Refer to Electrical, AV, & Security documentation requirements: provide 5 year on site warranty			1	2

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
ICT	AV03	AV REQUIREMENTS -PROJECTOR	1	AV Requirements: Ceiling mounted projector. Location: Hall Type:Refer to Electrical, AV, & Security documentation Epson EB-G7500UNL Venue Class Projector, Epson ELPLM09 Middle Throw Lens, Epson HDBaseT Transmitter, PPC-2030 Large Venue Projector Ceiling Mount, Proejctor Security Cage Finish: Powdercoated PC10 Projector inside a Pole mounted cage fixed to purlin and suspended at a height above TBC from Hall FFL. Colour TBC	Projector TBC by AV contractor to comply with NSW Government Audio-visual standards for school communal halls and gymnasiums, Foundations.T4L, Information Technology Directorate 05/11/2020 Screentechnics +61-2-4869-2100 info@screentechnics.com.au		1	2
ICT	AV04	TV- ENTRY VESTIBULE	1	Digital Display -49" Commercial LED Display TBC	Keepad Interactive c: Joe Nigem t: 02 9390 9000		1	2
ICT	AV05	TV- PRINCIPAL	1	Digital Display -49" Commercial LED Display - TBC	Keepad Interactive c: Joe Nigem t: 02 9390 9000		1	2
ICT	AV06	TV- STAFF	1	Same as AV01, fixing TBA requirements: provide 5 year on site warranty			1	2
ICT	AV10	AV - MOBILE STAND	TBC	Gilkon FP7 motorised mobile height adjustable trolley	Keepad Interactive c: Joe Nigem t: 02 9390 9000 https://www.gilkon.com.au/product/gilkon-fp-7-v3-flat-screen-lift/		1	2
ICT	AV11	AV - BRACKETS HIGHT ADJUSTABLE	TBC	Gilkon FP7 v3 WM motorised mobile height adjustable wall mount	Keepad Interactive c: Joe Nigem t: 02 9390 9000		1	2
ICT	AV12	AV - BRACKETS FIXED	TBC	Telebook TH40100UF- motorised height adjustable	Keepad Interactive c: Joe Nigem t: 02 9390 9000		1	2

CAT	KN	KN NAME	QUANTITY	DESCRIPTION	SUPPLIER	IMAGES	GROUP 1, 2 or 3	REVISION
ICT	AV13	AV- PROJECTOR SCREEN	1	1x ElectriCinema - Large Venue Screen - Type D - Unity White 0625029-D250"3115 x 5535HDTV 16:96085170.0	Projector screen TBC by AV contractor to comply with NSW Government Audio-visual standards for school communal halls and gymnasiums, Foundations.T4L, Information Technology Directorate 05/11/2020 Screentechnics +61-2-4869-2100 info@screentechnics.com.au		1	2
ICT	AV20	AV-VIDEO COLLABORATION	3	Three (3) video collaboration bundles are to be provided per school. These devices are to be installed onto learning displays in locations as determined by the principal. Refer electrical documentation for detail.			1	2
ICT	ICT-CT	ICT- CHARGING TROLLEY	TBC	PC VAULT - 2LCMT-30 30 Laptops or Combination Model 15 Laptops / 16 Tablets max, laptop size: 430mm x 300mm x 43mm (HxDxW) Dimensions: 1171 x 642 x 789 mm (HxDxW) Colour: TBC	Keepad Interactive c: Joe Nigem t: 02 9390 9000		1	2
MISCELLANEOUS ELECTRICAL - REFER TI ENGINEERS DETAILS								
FFE	FAN01	FAN TYPE 01	Refer drawings	Refer to Engineers details Colour:TBC			1	2
FFE	FAN02	FAN TYPE 02 - HALL	Refer drawings	Refer to Engineers details Colour:TBC			1	2
FFE	FAN05	FAN TYPE 05 - WALL MOUNTED	Refer drawings	Refer to Engineers details Colour:TBC			1	2
FFE	HL	HEAT LAMP		Location: to all Accessible showers Description: Tastic Luminate Bathroom ceiling heater with Long Lasting Instant Heat 1x800W Infra-Red Heat Lamp Model No: 36411 Luminate Heat Module- White Requirements: Provide individual on/off control with a run timer to switch heater off after a maximum of one hour	Tastic		1	2
FFE	HPE01	HEATING PANEL TYPE 1 - CEILING MOUNTED		Refer to Engineers details Colour:TBC			1	2