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1 INSULATION AND BARRIERS

Standard: To AS 3999 or AS 4075

1.1 CONTROL BUILDING

1.1.1 WALL INSULATION

Bulk insulation:

- Type: Polyester Batts
- R-value: 2
- Thickness (mm): 75mm

1.1.2 ROOF INSULATION

Bulk insulation:

- Type: Polyester
- R-value: 2.5
- Thickness (mm): 50

1.1.3 SARKING

CSR Thermofoil Medium Duty Sarking (733)

1.2 BLOWER, SLUDGE BUILDING & SITEWIDE

1.2.1 WALL INSULATION

Bulk insulation:

- Type: Polyester Batts
- R-value: 2
- Thickness (mm): 75mm

1.2.2 ROOF INSULATION

Bulk insulation:

- Type: Polyester
- R-value: 2.5
- Thickness (mm): 50

2 ROOFING & CLADDING

2.1 CONTROL BUILDING

2.1.1 SHEET METAL ROOFING AND CLADDING

Prepainted and organic film/metal laminate products: To AS 2728.

- Product type: Zincalume
- Product finish: Colorbond
- Profile: Corrugated
- Thickness (base metal) (mm): 0.48
- Colour: As selected

2.1.2 ROOF PLUMBING

Standard: To AS/NZS 3500.3.

Flashings and cappings schedule

Component	Material and finish	Thickness and grade	Profile and size	Jointing method
Flashings	Colorbond Zincalume	0.55	Refer detail	Mechanical & Seal
Cappings	Colorbond Zincalume	0.55	Refer detail	Mechanical & Seal
Rolled Ridge	Colorbond Zincalume	0.55	2 part seamed edge	Mechanical & Seal

Gutter and downpipe schedule

Item	Material and finish	Shape and size	Thickness and grade	Jointing method
Eaves gutter	0.55 Colorbond	To detail	0.55	Mechanical and Seal
Downpipe	PVC	100 diam.	Sewer	Solvent

2.2 BLOWER, SLUDGE BUILDING & SITEWIDE

2.2.1 SHEET METAL ROOFING AND CLADDING

Prepainted and organic film/metal laminate products: To AS 2728

- Product type: Zincalume
- Product finish: Colorbond
- Profile: - Roof: Trimdeck
- Walls: Corrugated
- Soffits: Corrugated
- Thickness (base metal) (mm): 0.48
- Colour: As selected

2.2.2 ROOF PLUMBING

Standard: To AS/NZS 3500.3

Flashings and Cappings Schedule

Component	Material and finish	Thickness and grade	Profile and size	Jointing method
Flashings	Colorbond Zinalume	0.55	Refer detail	Mechanical & Seal
Cappings	Colorbond Zinalume	0.55	Refer detail	Mechanical & Seal

Gutter and Downpipe Schedule

Item	Material and finish	Shape and size	Thickness and grade	Jointing method
Eaves gutter	0.55 Colorbond	To detail	0.55	Mechanical & Seal
Downpipe	PVC	100 diam.	Sewer	Solvent

3 DOORS AND HATCHES

3.1 CONTROL BUILDING

3.1.1 TIMBER DOORS

Standard: Flush doors and joinery doors: To AS 2688.

Flush doors schedule

Door code	FD1	FD2	FD3
Door thickness (mm)	40	40	40
Core material	Solid	Solid	Solid
Facing	-	Customwood	Customwood
Face veneers (solid core or plywood faced doors): Timber species or group	WP Ply	-	-
Veneer quality	External		
Edge strips: Thickness (mm)	15mm	15mm	15mm
Clear opening size (h x w) (mm)	-	-	600 x 200
Finish	Paint	Paint	Paint

3.1.2 STEEL DOOR FRAMES

Steel door frames schedule

Frame code	SF1
Thickness (mm)	1.1mm
Overall size (mm)	Refer to detail
Profile type	Refer to detail
Prefinish	Primed
Hinges	3 x welded seal

3.1.3 ALUMINIUM DOORSETS

Aluminium doorsets schedule

Doorset code	AL1	AL2
Door sections:		
Heads and stiles profile	G. James 475 Hinged Door	G. James 245 Series
Accessories		
Finish	Powdercoat	Powdercoat
Colour	As selected	As selected
Glazing:		
Glass type	Laminated	Laminated
Thickness (mm)	6mm	6mm
Glazing method	Bead	Bead

3.1.4 DOORS

Door schedule

Door No.	Size W x H	Leaf Type	Frame Type	Notes
DG1	870 x 2040	FD1	SF1	-
DG2	3500 x 2400	-	-	Manual steel roller door
DG3	870 x 2040	FD1	SF1	-
DG4	870 x 2040	FD1	SF1	-
DG5	870 x 2040	FD1	SF1	-
DG6	870 x 2040	FD1	SF1	-
DG7	870 x 2040	FD1	SF1	-
DG8	870 x 2040	FD2	SF1	-
DG9	1600 x 2040	FD1/FD1	SF1	Aluminium 'T' meeting style
DG10	870 x 2040	FD3	SF1	-
DG11	Compressed FC toilet partition door as part of partitions			
DG12	Compressed FC toilet partition door as part of partitions			
DG13	Compressed FC toilet partition door as part of partitions			
DG14	Compressed FC toilet partition door as part of partitions			
DF1	900 x 2100	AL1	-	Evergreen glass
DF2	2400 x 2100	AL2	-	Evergreen glass
DF3	900 x 2100	AL1	-	Evergreen glass
DF4	870 x 2040	FD3	SF1	-
DF5	870 x 2040	FD3	SF1	-
DF6	870 x 2040	FD3	SF1	-

3.2 BLOWER, SLUDGE BUILDING & SITEWIDE

3.2.1 TIMBER DOORS

Standard: Flush doors and joinery doors: To AS 2688

Flush Doors Schedule

Door code	FD1	AC1
Door thickness (mm)	40	62
Core material	Solid	Solid
Facing	-	Colorbond
Internal frame	-	50 x 50 SHS with 3 x cross rails
Face veneers (solid core or plywood faced doors): Timber species or group	WP Ply	WP Ply
Veneer quality	External	
Edge strips: Thickness (mm)	15mm	
Clear opening size (h x w) (mm)	600 x 600 laminated glass	
Finish	Paint	Colorbond

3.2.2 STEEL DOOR FRAMES

Steel Door Frames Schedule

Frame code	SF1
Thickness (mm)	1.4mm
Overall size (mm)	Refer to detail – Nominal 60 wide
Profile type	Refer to detail
Prefinish	Galvanised
Hinges (2400 high door)	3 x welded steel
Hinges (3500 high door)	6 x welded steel

3.2.3 DOORS

Door Schedule

Door No.	Size W x H	Leaf Type	Frame Type	Notes
DG01	4000 x 3500	RD1	SF1	
DG02	2040 x 870	AC1	SF1	Acoustic seals
DG03	2040 x 870	Existing Door	SF1	Existing door
DG04	2040 x 870	AC1	SF1	
DG05	4000 x 4500	RD1	SF1	
DG06	2040 x 870	AC1	SF1	Acoustic seals
DG07	3500 x 3500	RD1	SF1	
DG08	1000 x 800	-	SF1	Mesh grille
DG09	2040 x 870	FD1	SF1	
DG10	2040 x 870	AC1	SF1	Aluminium 'T' meeting style
DG11	2040 x 870	AC1	SF1	Aluminium 'T' meeting style

DG12	3500 x 3500	RD1	SF1	
DG13	2040 x 870	AC1	SF1	Acoustic seals
DG14	4000 x 3500	RD1	SF1	
DG15	2040 x 870	AC1	SF1	
DF16	2040 x 870	FD1	SF1	
DF17	2040 x 870	AC1	SF1	

3.2.4 ACOUSTIC SEALS

- Head: Raven RP47 Satin Chrome
- Jambs: Raven RP47 Satin Chrome
- Sill: Raven RP38 Satin Chrome
- Rebate: Raven RP16 Satin Chrome

3.2.5 THRESHOLDS

- Type: Raven RP77 Satin Chrome
- Installation: Fit in Rebate in Slab

3.2.6 WEATHER SEALS

- Type: Raven RP77 Satin Chrome
- Location: Fit in Rebate in Slab

3.2.7 LOCKS

Lock Schedule

Door No.	Lock/Furniture	Accessories
DG01	-	
DG02	Lockwood 3572x	714SR closer
DG03	Existing	
DG04	Lockwood 3572x	
DG05	-	
DG06	Lockwood 3572x	714SR closer
DG07	-	
DG08	Barrel bolt and padlock	
DG09	Lockwood 3572x	714SR closer
DG10	Lockwood 3572x	Rebate kit – 150 flush bolts to inactive leaf
DG11	Lockwood 3572x	Rebate kit – 150 flush bolts to inactive leaf
DG12	-	
DG13	Lockwood 3572x	714SR closer
DG14	-	
DG15	Lockwood 3572x	
DF16	Lockwood 3572x	714SR closer
DF17	Lockwood 3572x	

4 WINDOWS

4.1 CONTROL BUILDING

Window schedule

Window	Size W x H	Type	Glazing	Screens
WG01	600 x 600	G James 048 Series	Obscure	To suit.
WG02	900 x 2100	G James 265 Series - 3 lite	Clear – 6mm Laminated	To suit.
WG03	900 x 2100	G James 265 Series - 3 lite	Clear – 6mm Laminated	To suit.
WG04	600 x 600	G James 048 Series	Obscure	To suit.
WG05	600 x 600	G James 048 Series	Obscure	To suit.
WG06	600 x 600	G James 048 Series	Obscure	To suit.
WG07	600 x 600	G James 048 Series	Obscure	To suit.
WG08	600 x 600	G James 048 Series	Obscure	To suit.
WG09	600 x 600	G James 048 Series	Obscure	To suit.
WG10	600 x 600	G James 048 Series	Obscure	To suit.
WG11	600 x 600	G James 048 Series	Obscure	To suit.
WG12	600 x 600	G James 048 Series	Obscure	To suit.
WF01	2100 x 1200	G James 165 Series	Evergreen - 6mm laminated	To suit.
WF02	900 x 900	G James 165 Series	Evergreen – 6mm laminated	To suit.
WF03	900 x 900	G James 165 Series	Evergreen – 6mm laminated	To suit.
WF04	1200 x 1200	G James 165 Series	Evergreen – 6mm laminated	To suit.
WF05	1200 x 1200	G James 165 Series	Evergreen – 6mm laminated	To suit.
WF06	1200 x 1200	G James 165 Series	Evergreen – 6mm laminated	To suit.
WF07	1200 x 1200	G James 165 Series	Evergreen – 6mm laminated	To suit.
WF08	1200 x 1200	G James 165 Series	Evergreen – 6mm laminated	To suit.
WF09	1800 x 1200	G James 165 Series	Evergreen – 6mm laminated	To suit.
WF10	1800 x 1200	G James 165 Series	Evergreen – 6mm laminated	To suit.
WF11	2700 x 1200	G James 165 Series	Evergreen – 6mm laminated	To suit.

Note: All window dimensions are nominal. Refer to drawings for exact sizing.

* The requirements of AS 1288 apply. The schedule applies to increased glazing requirements over the code.

4.2 BLOWER, SLUDGE BUILDING & SITEWIDE

Materials and components standard - Flashings: To AS/NZS 2904

- Glass: To AS 1288

Window Schedule

Window	Size (H x W)	Type	Finish
WG01	600 x 600		
WG02	600 x 600		
WG03	Existing		
WG04	600 x 600		
WG05	900 x 1200	FG Panel	Powdercoat
WG06	4500 x 700	Translucent sheeting in steel frame	
WG07	4500 x 700	Translucent sheeting in steel frame	
WG08	4500 x 1000	Translucent sheeting in steel frame	
WG09	4500 x 1000	Translucent sheeting in steel frame	
WG10	4500 x 1000	Translucent sheeting in steel frame	
WG11	4500 x 1000	Translucent sheeting in steel frame	
WG12	4500 x 1000	Translucent sheeting in steel frame	
WG13	4500 x 1000	Translucent sheeting in steel frame	
WG14	4500 x 700	Translucent sheeting in steel frame	
WG15	4500 x 700	Translucent sheeting in steel frame	
WG16	4500 x 600	Translucent sheeting in steel frame	
WG17	4500 x 600	Translucent sheeting in steel frame	
WG18	4500 x 600	Translucent sheeting in steel frame	
WG19	4500 x 600	Translucent sheeting in steel frame	
WG20	4500 x 600	Translucent sheeting in steel frame	
WG21	900 x 2400	Acoustic louvres – Acran 400	
WG22	900 x 2400	Acoustic louvres – Acran 400	
WG23	900 x 2400	Acoustic louvres – Acran 400	
WG24	900 x 2400	Acoustic louvres – Acran 400	
WG25	900 x 2400	Acoustic louvres – Acran 400	
WG26	900 x 2400	Acoustic louvres – Acran 400	
WG27	900 x 2400	Acoustic louvres – Acran 400	
WG28	900 x 2400	Acoustic louvres – Acran 400	
WG29	900 x 2400	Acoustic louvres – Acran 400	
WG30	900 x 2400	Acoustic louvres – Acran 400	
WG31	900 x 2400	Acoustic louvres – Acran 400	
WG32	900 x 2400	Acoustic louvres – Acran 400	
WG33	900 x 2400	Acoustic louvres – Acran 400	
WG34	900 x 2400	Acoustic louvres – Acran 400	
WG35	900 x 2400	Acoustic louvres – Acran 400	

Note: All window dimensions are nominal. Refer to drawings for exact sizing.

* The requirements of AS 1288 apply. The schedule applies to increased glazing requirements over the code.

5 SUSPENDED CEILINGS

Suspended Ceiling Construction Schedule

Doc Id: TMS65
Owner: Shane Makin
Note: Printed copies of this document should be verified for currency against the published electronic copy.

Active Date: 01/02/2007
Printed: 08/02/11

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	Type
Demountability	
Suspended ceiling system:	
- Type	Screw up plasterboard
- Edge trim	Powdercoat angle
- Exposed member finish	Powdercoat
- Exposed member colour	White
Ceiling lining/panels/tiles:	
- Material	Plasterboard
- Thickness (mm)	10mm

6 DOOR HARDWARE

6.1 HINGES

Hinge table A

Nominal hinge size l x w x t (mm)	Door leaves not exceeding any of the following:		
	Mass (kg)	Width (mm)	Thickness (mm)
70 x 50 x 1.6	16	620	30
85 x 60 x 1.6	20	820	35
100 x 75 x 1.6	30	920	40
100 x 75 x 2.5	50	920	50
100 x 75 x 3.2	70	1020	50
125 x 100 x 3.2*	80	1220	50

* Non standard to special order only.

Hinge table B

Nominal hinge size l x w x t (mm)	Door leaf not exceeding mass (kg)	Minimum construction	
		Knuckles	Screws/hinge leaf
100 x 70 x 3	30	3	3
100 x 80 x 3.5	50	5	4
130 x 50* x 3.4	75	Interfold	3

*Interfold (Fast fix) surface mounted.

7 PAINTING

General: To AS/NZS 2311 Sections 3, 6 and 7
Protection of steelwork: To AS/NZS 2312 Sections 4, 8 and 10

7.1 CONTROL BUILDING

Interior Painting Schedule

Surface identification	Substrate	Paint system
Lower Floor Ceiling	Plasterboard	Low gloss latex
Upper Floor Ceiling	Plasterboard	Low gloss latex
Upper Floor Walls	Plasterboard	Semi gloss latex
Lower Floor Walls	Blockwork	Full gloss latex
Steel Door Frames	Steel	Full gloss enamel
Trims/Mouldings	Timber	Full gloss enamel
Doors	Timber	Full gloss enamel

Exterior Painting Schedule

Surface identification	Substrate	Paint system
Block Walls	Split-face Block	Clear waterproof
Doors	Timber	Full gloss enamel
Downpipes	PVC	Full gloss latex
Door Frames	Steel	Full gloss enamel
Balustrade	Steel	Not painted
Deck	Compressed FC	Textured Acrylic

Paint systems schedules

General: These schedules specify, for each of the paint systems listed in the Painting schedules, and for each substrate to which those systems are applied in the project,

- the number and order of coats; and
- the paint type for each coat.

Codes: Codes are APAS Specification codes.

7.2 BLOWER, SLUDGE BUILDING & SITEWIDE

Interior Painting Schedule

Surface identification	Substrate	Paint system
Walls	Concrete block	Semi-gloss latex
Steel Door Frames	Steel	Full gloss enamel
Doors	Timber	Full gloss enamel

Exterior Painting Schedule

Surface identification	Substrate	Paint system
Walls	Concrete block	Semi-gloss latex
Doors	Timber	Full gloss enamel
Downpipes	PVC	Semi-gloss latex
Door Frames	Steel	Full gloss enamel

Paint systems schedules

General: These schedules specify, for each of the paint systems listed in the Painting schedules, and for each substrate to which those systems are applied in the project,

- the number and order of coats; and
- the paint type for each coat.

Codes: Codes are APAS Specification codes

Low Gloss Latex: Interior

Substrate	1st Coat	2nd Coat	3rd Coat
Existing paintwork (solvent-borne)	0260/3	0260/3	
Existing paintwork (latex)	0260/3	0260/3	
Concrete	0172	0260/3	0260/3
Tilt-up concrete	0171	0260/3	0260/3
Cement render	0172	0260/3	0260/3
Sprayed ceiling	0172	0260/3	0260/3
Fibre cement	0172	0260/3	0260/3
Masonry	0172	0260/3	0260/3
Set plaster	0171	0260/3	0260/3
Fibrous plaster	0171	0260/3	0260/3
Glass reinforced gypsum plaster	0171	0260/3	0260/3
Plasterboard (paper faced)	0182	0260/3	0260/3
Iron & steel	0032	0260/3	0260/3
Aluminium	0035/3	0260/3	0260/3
Metallic-coated steel	0134	0260/3	0260/3
Oil-based air-drying primed metal	0260/3	0260/3	
Organic or inorganic zinc primed metal	0171	0260/3	0260/3
Timber	0183	0260/3	0260/3
Particleboard	0183	0260/3	0260/3
Medium density fibreboard	0172	0260/3	0260/3
Hardboard, unprimed	0183	0260/3	0260/3
Pre-primed board	0260/3	0260/3	
Organic fibreboard	0183	0260/3	0260/3
UPVC	0016/1	0260/3	0260/3
Glass reinforced plastic	2971	0260/3	0260/3

Gloss Latex: Interior

Substrate	1st Coat	2nd Coat	3rd Coat
Existing paintwork (solvent-borne)	0260/1	0260/1	
Existing paintwork (latex)	0260/1	0260/1	
Concrete	0172	0260/1	0260/1
Tilt-up concrete	0171	0260/1	0260/1
Cement render	0172	0260/1	0260/1
Sprayed ceiling	0172	0260/1	0260/1
Fibre cement	0172	0260/1	0260/1
Masonry	0172	0260/1	0260/1
Set plaster	0171	0260/1	0260/1

Substrate	1st Coat	2nd Coat	3rd Coat
Fibrous plaster	0171	0260/1	0260/1
Glass reinforced gypsum plaster	0171	0260/1	0260/1
Plasterboard (paper faced)	0172	0260/1	0260/1
Iron & steel	0032	0260/1	0260/1
Aluminium	0035/3	0260/1	0260/1
Metallic-coated steel	0134	0260/1	0260/1
Oil-based air-drying primed metal	0260/1	0260/1	
Organic or inorganic zinc primed metal	0171	0260/1	0260/1
Timber	0183	0260/1	0260/1
Particleboard	0183	0260/1	0260/1
Medium density fibreboard	0172	0260/1	0260/1
Hardboard, unprimed	0183	0260/1	0260/1
Pre-primed board	0260/1	0260/1	
Organic fibreboard	0183	0260/1	0260/1
Glass reinforced plastic	2971	0260/1	0260/1

Gloss latex: Exterior

Substrate	1st Coat	2nd Coat	3rd Coat
Existing paintwork (solvent-borne)	0280/1	0280/1	
Existing paintwork (latex)	0280/1	0280/1	
Concrete	0280/1	0280/1	
Tilt-up concrete	0171	0280/1	0280/1
Cement render	0280/1	0280/1	
Fibre cement	0280/1	0280/1	
Compressed fibre cement	0171	0280/1	0280/1
Masonry	0280/1	0280/1	
Iron & steel	0032	0280/1	0280/1
Aluminium	0035/3	0280/1	0280/1
Metallic-coated steel	0134	0280/1	0280/1
Oil-based air-drying primed metal	0280/1	0280/1	
Organic or inorganic zinc primed metal	0280/1	0280/1	
Cat. epoxy zinc phosphate primed metal	0280/1	0280/1	
Timber	0183	0280/1	0280/1
Exterior grade hardboard	0183	0280/1	0280/1
UPVC	0280/1	0280/1	
Glass reinforced plastic	2971	0280/1	0280/1

Full gloss, solvent-borne: Interior

Substrate	1st Coat	2nd Coat	3rd Coat
Existing paintwork (solvent-borne)	0016/1	0015/2	0015/2
Existing paintwork (latex)	0016/1	0015/2	0015/2
Concrete	0172	0015/2	0015/2
Tilt-up concrete	0171	0015/2	0015/2
Cement render	0172	0015/2	0015/2

Substrate	1st Coat	2nd Coat	3rd Coat
Sprayed ceiling	0172	0015/2	0015/2
Fibre cement	0172	0015/2	0015/2
Masonry	0172	0015/2	0015/2
Set plaster	0171	0015/2	0015/2
Fibrous plaster	0171	0015/2	0015/2
Glass reinforced gypsum plaster	0171	0015/2	0015/2
Plasterboard (paper faced)	0172	0015/2	0015/2
Iron & steel	0032	0015/2	0015/2
Aluminium	0035/3	0015/2	0015/2
Metallic-coated steel	0134	0015/2	0015/2
Oil-based air-drying primed metal	0016/1	0015/2	0015/2
Organic or inorganic zinc primed metal	0134	0015/2	0015/2
Timber	0016/1	0015/2	0015/2
Particleboard	0016/1	0015/2	0015/2
Medium density fibreboard	0172	0015/2	0015/2
Hardboard, unprimed	0016/1	0015/2	0015/2
Pre-primed board	0016/1	0015/2	0015/2
Organic fibreboard	0016/1	0015/2	0015/2
UPVC	0015/2	0015/2	
Glass reinforced plastic	2971	0015/2	0015/2

Full gloss, solvent-borne: Exterior

Substrate	1st Coat	2nd Coat	3rd Coat
Existing paintwork (solvent-borne)	0016/1	0015/1	0015/1
Existing paintwork (latex)	0016/1	0015/1	0015/1
Compressed fibre cement	0171	0015/1	0015/1
Iron & steel	0032	0015/1	0015/1
Aluminium	0035/3	0015/1	0015/1
Metallic-coated steel	0134	0015/1	0015/1
Oil-based air-drying primed metal	0016/1	0015/1	0015/1
Organic or inorganic zinc primed metal	0134	0015/1	0015/1
Cat. epoxy zinc phosphate primed metal	0015/1	0015/1	
Timber	0181	0016/1	0015/1
Pre-primed exterior grade hardboard	0016/1	0015/1	0015/1
UPVC	0015/1	0015/1	
Glass reinforced plastic	2971	0015/1	0015/1

8 COLOUR SCHEDULE

8.1 GENERAL

- Floors:- all floors to be vinyl Tarkett 42866 (non-slip pattern):- dark grey
- All Roofs:- Colorbond Windspray (battleship grey)
- Down Pipes/Gutters:- matt finish Colorbond “Woodland Grey” (dark grey)
- Door colours:- all “Gulf Blue” Dulux 26BG 09/247

8.2 BLOWER, SLUDGE BUILDING & STIEWIDE

- Internal walls:- all “Pale Moss” Dulux 70YY 52/150
- Doors external:- Colorbond “Woodland Grey”
- Roof:- “Windspray”
- Gutters, fascias & downpipes:- “Woodland Grey”
- Colorbond facings to doors:- “Manor Red”
- Steel support frames to downpipes:- Dulux “Murray Red”
- Exposed rafters:- Dulux “Murray Red”
- Balustrades to stair:- Hot dip galvanized finish. No paint.
- Acoustic windows:- Powdercoat, Dulux “Berry Grey”
- Aluminium window frames:- Powdercoat, Dulux “Berry Grey”
- Roller door:- Powdercoat, Dulux “Berry Grey”

9 JOINERY UNITS

9.1 CUPBOARDS AND DRAWER UNITS

Plinths

Material:

- High moisture resistant particleboard.
- Thickness: 16 mm.
- Finish: High-pressure decorative laminated sheet.
- Colour: Black
- Fasteners: Conceal with finish.

Carcasses

Material: Select from the following:

- Melamine overlaid high moisture resistant particleboard.
- Melamine overlaid high moisture resistant medium density fibreboard.
- Thickness: 16 mm.

Joints:

- Proprietary joining plates and glue.
- Adjustable shelves: Support on proprietary pins in holes bored at equal centres vertically.
- Spacing: 32 mm.
- Finish: High-pressure decorative laminated sheet.
- Colour: White

Drawer fronts and doors

- Material:
- Melamine overlaid high moisture resistant medium density fibreboard.
- Thickness: 16 mm.
- Maximum door size: 2400 mm high, 900 mm wide, 1.5 m² on face.

Drawer fronts:

- Finish: Selected laminate
- Colour: As advised

Drawer backs and sides

- Material: PVC film wrapped particleboard.
- Thickness: 12 mm.
- Colour: White

Drawer bottoms

- Material: PVC film laminated hardboard.
- Thickness: 3 mm.
- Colour: White

9.2 BENCHTOPS

Laminated benchtops

- Material: High moisture resistant particleboard.
- Benchtop thickness: 33 mm.
- Edge Finish: Bullnose
- Finish: High-pressure decorative laminated sheet.
- Colour: As selected

9.3 HARDWARE

Drawer and door hardware**Hinge types: Concealed metal hinges with the following features:**

- Adjustable for height, side and depth location of door.
- Self closing action.
- Hold open function.
- Angle of opening: 105°
- Nickel-plated.

Piano hinges: Chrome plates steel, extending full height of doors.

Slides: Metal runners and plastic rollers with the following features:

- 30 kg loading capacity.
- Closure retention.
- White thermoset powder coating.

Pulls: Hettich 078 192

10 EXTINGUISHERS AND BLANKETS

10.1 FIRE EXTINGUISHERS

Fire Extinguishers Schedule

Designation	FE1
Type	AB(E) Dry Chemical 6kg
Location	Workshop, Comms

10.2 FIRE BLANKETS

Fire Blankets Schedule

Location	Number
Workshop	1

APPENDIX A: RELATED DRAWINGS

Document No	Title
486/5/5 – R7P002	HV Building General Arrangement
486/5/5 – R7P003	HV Building Sections
486/5/5 – R7P015	HV Switchroom Plans and Elevations
486/5/5 – R7P016	HV Switchroom Concrete Sections
486/5/5 – R7P017	HV Switchroom Steelwork Details
486/5/5 – R7P018	HV Switchroom Steel Stair Plans & Elevations

Document No	Title
486/5/5 – R7P100	Blower & MCC/Switchroom Building General Arrangement
486/5/5 – R7P102	Blower Room Transformer & Cable Pit General Arrangement
486/5/5 – R7P118	Blower & MCC/Switchroom Electrical Layout
486/5/5 – R7P121	Combined Blower & MCC Floor Plan
486/5/5 – R7P122	Combined Blower & MCC Elevations
486/5/5 – R7P123	Combined Blower & MCC Sections
486/5/5 – R7P124	Combined Blower & MCC Details
486/5/5 – R7P140	Combined Blower & MCC Raft Slab Layout Plan
486/5/5 – R7P141	Combined Blower & MCC Raft Slab Sections
486/5/5 – R7P142	Combined Blower & MCC Precast Panel Reinforcement Elevations
486/5/5 – R7P143	Combined Blower & MCC Reinforcement Elevations Typical Precast Details
486/5/5 – R7P144	Combined Blower & MCC Roof & Precast Layout Plans
486/5/5 – R7P145	Combined Blower & MCC Purlin Layout Plan
486/5/5 – R7P146	Combined Blower & MCC Wall & Steel Framing Elevations
486/5/5 – R7P147	Combined Blower & MCC Steel Details – Sheet 1
486/5/5 – R7P148	Combined Blower & MCC Steel Details – Sheet 2
486/5/5 – R7P149	Combined Blower & MCC Steel Details – Sheet 3
486/5/5 – R7P170	Final Area Switchroom General Arrangement
486/5/5 – R7P171	Final Area Switchroom Section
486/5/5 – R7P200	Final Area Switchroom Structural Layout Plans
486/5/5 – R7P201	Final Area Switchroom Wall Elevations & Sections
486/5/5 – R7P202	Final Area Switchroom Concrete Sections
486/5/5 – R7P203	Final Area Switchrom Steelwork Details
486/5/5 – R7P204	Final Area Switchroom Floor Steel Details
486/5/5 – R7P205	Final Area Switchroom Steel Stair Plans & Elevations
486/5/5 – R7P290	Proposed Sampling Building General Arrangement
486/5/5 – R7P301	Sampling Building Concrete Sections
486/5/5 – R7P330	Biosolids Management Building General Arrangement
486/5/5 – R7P335	Biosolids Management Building WAS Dewatering Layout
486/5/5 – R7P336	Biosolids Management Building Bund & Plinth Layout
486/5/5 – R7P338	Biosolids Management Building Sludge Import Layout
486/5/5 – R7P340	Biosolids Management Building Sludge Import Hopper
486/5/5 – R7P341	Biosolids Management Building Centrifuge Layout
486/5/5 – R7P347	Biosolids Management Building Switchroom Layout
486/5/5 – R7P349	Biosolids Management Building Sections – Sheet 2 of 2
486/5/5 – R7P351	Biosolids Management Building Slab Sections
486/5/5 – R7P353	Biosolids Management Building – Import Sludge Hopper General Arrangement
486/5/5 – R7P354	Biosolids Management Building – Import Sludge Hopper Wall Reinf. GA
486/5/5 – R7P355	Biosolids Management Building Concrete Details – Sheet 1
486/5/5 – R7P356	Biosolids Management Building Concrete Details – Sheet 2
486/5/5 – R7P357	Biosolids Management Building Concrete Details – Sheet 3
486/5/5 – R7P365	Biosolids Management Building Roof Framing Plan
486/5/5 – R7P366	Biosolids Management Building Purlin Plan
486/5/5 – R7P367	Biosolids Management Building Typical Grid Sections Sheet 1
486/5/5 – R7P368	Biosolids Management Building Typical Grid Sections Sheet 2

Document No	Title
486/5/5 – R7P369	Biosolids Management Building Typical Grid Sections Sheet 3
486/5/5 – R7P370	Biosolids Management Building Crane Elevation Grid F & Details
486/5/5 – R7P371	Biosolids Management Building MCC Floor Plan & Details
486/5/5 – R7P405	Blower Building Pipework Details
486/5/5 – R7P415	GDD & BFP Column Plinth Arrangement
486/5/5 – R7P429	WAS Dewatering Building GDD Sludge Feed Piping Detail
486/5/5 – R7P430	WAS Dewatering Building GDD Sludge Feed Piping Assy.
486/5/5 – R7P050	Control Building 1 st Floor Plan
486/5/5 – R7P051	Control Building Ground Floor Raft Slab Plan
486/5/5 – R7P052	Control Building Blockwall Elevations

APPENDIX B: MAINTENANCE SCHEDULE

BUILDING MAINTENANCE	1 MONTHLY	6 MONTHLY	1 TEARLY	3 YEARLY	5 YEARLY	WHEN REQUIRED	MAINTENANCE SPARES
GENERAL							
Fire Extinguishers							
Servicing		X					
Pressure Tested					X		
Water Heater							
Operate easing lever on the temperature pressure relief valve		X					
Check/Change temperature pressure relief valve (Not exceeding)					X		
Operate easing lever on expansion control valve		X					
Check/Change expansion control valve (Not exceeding)					X		
Servicing			X				
Air-conditioning Units							
Cleaning air filter						X	
Purification Filter Replacement			X				Air Filter
CONTROL BUILDING							
RPZ Valves			X				
Thermostatic Mixing Valves			X				
BLOWER BUILDING							
Tempering Valves (Suggested)			X				