GROUND FLOOR GRILLE SCHEDULE

REF no.	EQUIP reference	AIRFLOW (L/s)	TYPE	MANUFACTURER	MODEL	NECK / FACE (mm)	FLEX	ACOUSTIC PLENUM	DAMPER
5-1 to 5-4	ACU-M5	210	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
5-5	ACU-M5	540	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	Φ500	YES - 25mm	BD
6-1 & 6-2	ACU-M6	210	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
6-3 & 6-4	ACU-M6	215	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ350	YES - 25mm	BD
6-5	ACU-M6	540	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	Φ500	YES - 25mm	BD
7-1 & 7-2	ACU-M7	210	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
7-3 & 7-4	ACU-M7	215	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ350	YES - 25mm	BD
7-5	ACU-M7	540	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	Φ500	YES - 25mm	BD
01-1 & 01-2	OAF OFFICE-1	20	EGGCRATE GRILLE	POLYAIRE	EC-FC	300x300/347x347	Φ200	NO	BD

FIRST FLOOR GRILLE SCHEDULE

REF no.	EQUIP reference	AIRFLOW (L/s)	TYPE	MANUFACTURER	MODEL	NECK / FACE (mm)	FLEX	ACOUSTIC PLENUM	DAMPER
01-1 to 01-5	ACU-M101	200	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
01-6	ACU-M101	690	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	2x Φ400	YES - 25mm	BD
02-1 to 02-5	ACU-M102	200	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
02-6	ACU-M102	690	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	2x Φ400	YES - 25mm	BD
03-1 to 03-5	ACU-M103	200	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
03-6	ACU-M103	690	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	2x Φ400	YES - 25mm	BD
04-1	ACU-M104	200	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	2x Φ200	YES - 25mm	BD
04-2 to 04-5	ACU-M104	200	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
04-6	ACU-M104	690	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	2x Φ400	YES - 25mm	BD
05-1 to 05-5	ACU-M105	200	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
05-6	ACU-M105	690	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	2x Φ400	YES - 25mm	BD
06-1 to 06-5	ACU-M106	200	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
06-6	ACU-M106	690	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	2x Φ400	YES - 25mm	BD
07-1 to 07-5	ACU-M107	200	RADIAL SWIRL DIFFUSER	POLYAIRE	TROX TCS	Φ530/595x595	Φ300	YES - 25mm	BD
07-6	ACU-M107	690	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	2x Φ400	YES - 25mm	BD
02-1 & 02-2	OAF OFFICE-2	20	EGGCRATE GRILLE	POLYAIRE	EC-FC	300x300/347x347	Φ200	NO	BD
A1-1 to A1-10	AIR TRANS	310	EGGCRATE GRILLE	POLYAIRE	EC-FC	595x595/642x642	Φ450	YES - 25mm	-

GROUND FLOOR FILTER SCHEDULE

DES	FILTER SIZE	MANUFACTURER	MODEL	AIR FLOW	TYPE
AF-M5	2 x 610x305x100	CAMFIL FARR	30/30	850l/s	PANEL
AF-M6	2 x 610x305x100	CAMFIL FARR	30/30	850l/s	PANEL
AF-M7	2 x 610x305x100	CAMFIL FARR	30/30	850l/s	PANEL
AF OFFICE-1	1 x 150x150xN/A	FANTECH	FGR150	40l/s	PROPRIETARY

FLEXIBLE DUCTWORK SCHEDULE
(UNLESS OTHERWISE STATED)

FLOW l/s	SIZE (mm)
0-95	Φ200
100-150	Φ250
155-210	Φ300
215-290	Φ350
295-375	Φ400
380-480	Φ450
485-550	Φ500

GROUND FLOOR AC UNIT SCHEDULE

DES	MAKE	MODEL	S/AIR	O/AIR	TC kW	SC kW	H kW	PIPE or STATIC	WEIGHT	TYPE
ACC-M5	DAIKIN	RQ125LV1A	-	-	-	-	-	50m	98kg	CONDENSER
ACU-M5	DAIKIN	FDYQN125LV1	850l/s	310l/s	12.5kW	11.5kW	10.0kW	175Pa	61kg	DUCTED
ACC-M6	DAIKIN	RQ125LV1A	-	-	-	-	-	50m	98kg	CONDENSER
ACU-M6	DAIKIN	FDYQN125LV1	850l/s	310l/s	12.5kW	11.5kW	10.0kW	175Pa	61kg	DUCTED
ACC-M7	DAIKIN	RQ125LV1A	-	-	-	-	-	50m	98kg	CONDENSER
ACU-M7	DAIKIN	FDYQN125LV1	850l/s	310l/s	12.5kW	11.5kW	10.0kW	175Pa	61kg	DUCTED
ACC OFFICE-1	DAIKIN	RXS20LVMA	-	-	-	-	-	20m	35kg	CONDENSER
ACU OFFICE-1	DAIKIN	FTXS20LVMA	150l/s	20l/s	1.5kW	1.1kW	1.0kW	-	13kg	WALL
ACC OFFICE-2	DAIKIN	RXS20LVMA	-	-	-	-	-	20m	35kg	CONDENSER
ACU OFFICE-2	DAIKIN	FTXS20LVMA	150l/s	20l/s	1.5kW	1.1kW	1.0kW	-	13kg	WALL

GROUND FLOOR VOLUME CONTROL DAMPER SCHEDULE

DAMPER LABEL	WIDTH x HEIGHT	MANUFACTURER	MODEL	THICKNESS	FLANGE SIZE	CONTROL	MOTOR POSITION	AIR QTY L/s	SYSTEM
VCD-ACU-M5	400x300	HOLYOAKE??	?????	???	35 TDC	MANUAL	-	540	ACU-M5
VCD-ACU-M6	400x300	HOLYOAKE??	?????	???	35 TDC	MANUAL	-	540	ACU-M6
VCD-ACU-M7	400x300	HOLYOAKE??	?????	???	35 TDC	MANUAL	-	540	ACU-M7

FIRST FLOOR AC UNIT SCHEDULE

DES	MAKE	MODEL	S/AIR	O/AIR	TC kW	SC kW	H kW	PIPE or STATIC	WEIGHT	TYPE
ACC-M101	DAIKIN	RQ140LAV1A	-	-	-	-	-	50m	108kg	CONDENSER
ACU-M101	DAIKIN	FDYQN140LAV1	1000l/s	310l/s	12.5kW	11.5kW	10.0kW	175Pa	69kg	DUCTED
ACC-M102	DAIKIN	RQ140LAV1A	-	-	-	-	-	50m	108kg	CONDENSER
ACU-M102	DAIKIN	FDYQN140LAV1	1000l/s	310l/s	12.5kW	11.5kW	10.0kW	175Pa	69kg	DUCTED
ACC-M103	DAIKIN	RQ140LAV1A	-	-	-	-	-	50m	108kg	CONDENSER
ACU-M103	DAIKIN	FDYQN140LAV1	1000l/s	310l/s	12.5kW	11.5kW	10.0kW	175Pa	69kg	DUCTED
ACC-M104	DAIKIN	RQ140LAV1A	-	-	-	-	-	50m	108kg	CONDENSER
ACU-M104	DAIKIN	FDYQN140LAV1	1000l/s	310l/s	15.1kW	13.5kW	10.0kW	175Pa	69kg	DUCTED
ACC-M105	DAIKIN	RQ140LAV1A	-	-	-	-	-	50m	108kg	CONDENSER
ACU-M105	DAIKIN	FDYQN140LAV1	1000l/s	310l/s	13.6kW	12.0kW	10.0kW	175Pa	69kg	DUCTED
ACC-M106	DAIKIN	RQ140LAV1A	-	-	-	-	-	50m	108kg	CONDENSER
ACU-M106	DAIKIN	FDYQN140LAV1	1000l/s	310l/s	13.6kW	12.0kW	10.0kW	175Pa	69kg	DUCTED
ACC-M107	DAIKIN	RQ140LAV1A	-	-	-	-	-	50m	108kg	CONDENSER
ACU-M107	DAIKIN	FDYQN140LAV1	1000l/s	310l/s	15.5kW	13.5kW	10.0kW	175Pa	69kg	DUCTED
ACC OFFICE-2	DAIKIN	RXS25LVMA	-	-	-	-	-	20m	38kg	CONDENSER
ACU OFFICE-2	DAIKIN	FTXS25LVMA	150l/s	20l/s	2.0kW	1.5kW	1.0kW	-	13kg	WALL
ACC OFFICE-2	DAIKIN	RXS25LVMA	-	-	-	-	-	20m	38kg	CONDENSER
ACU OFFICE-2	DAIKIN	FTXS25LVMA	150l/s	20l/s	2.0kW	1.5kW	1.0kW	-	13kg	WALL

FIRST FLOOR FILTER SCHEDULE

DES	FILTER SIZE	MANUFACTURER	MODEL	AIR FLOW	TYPE
AF-M101	2 x 610x410x100	CAMFIL FARR	30/30	1000l/s	PANEL
AF-M102	2 x 610x410x100	CAMFIL FARR	30/30	1000l/s	PANEL
AF-M103	2 x 610x410x100	CAMFIL FARR	30/30	1000l/s	PANEL
AF-M104	2 x 610x410x100	CAMFIL FARR	30/30	1000l/s	PANEL
AF-M105	2 x 610x410x100	CAMFIL FARR	30/30	1000l/s	PANEL
AF-M106	2 x 610x410x100	CAMFIL FARR	30/30	1000l/s	PANEL
AF-M107	2 x 610x410x100	CAMFIL FARR	30/30	1000l/s	PANEL
AF OFFICE-2	1 x 150x150xN/A	FANTECH	FGR150	40l/s	PROPRIETARY

GROUND FLOOR AC UNIT DRIP TRAY SCHEDULE

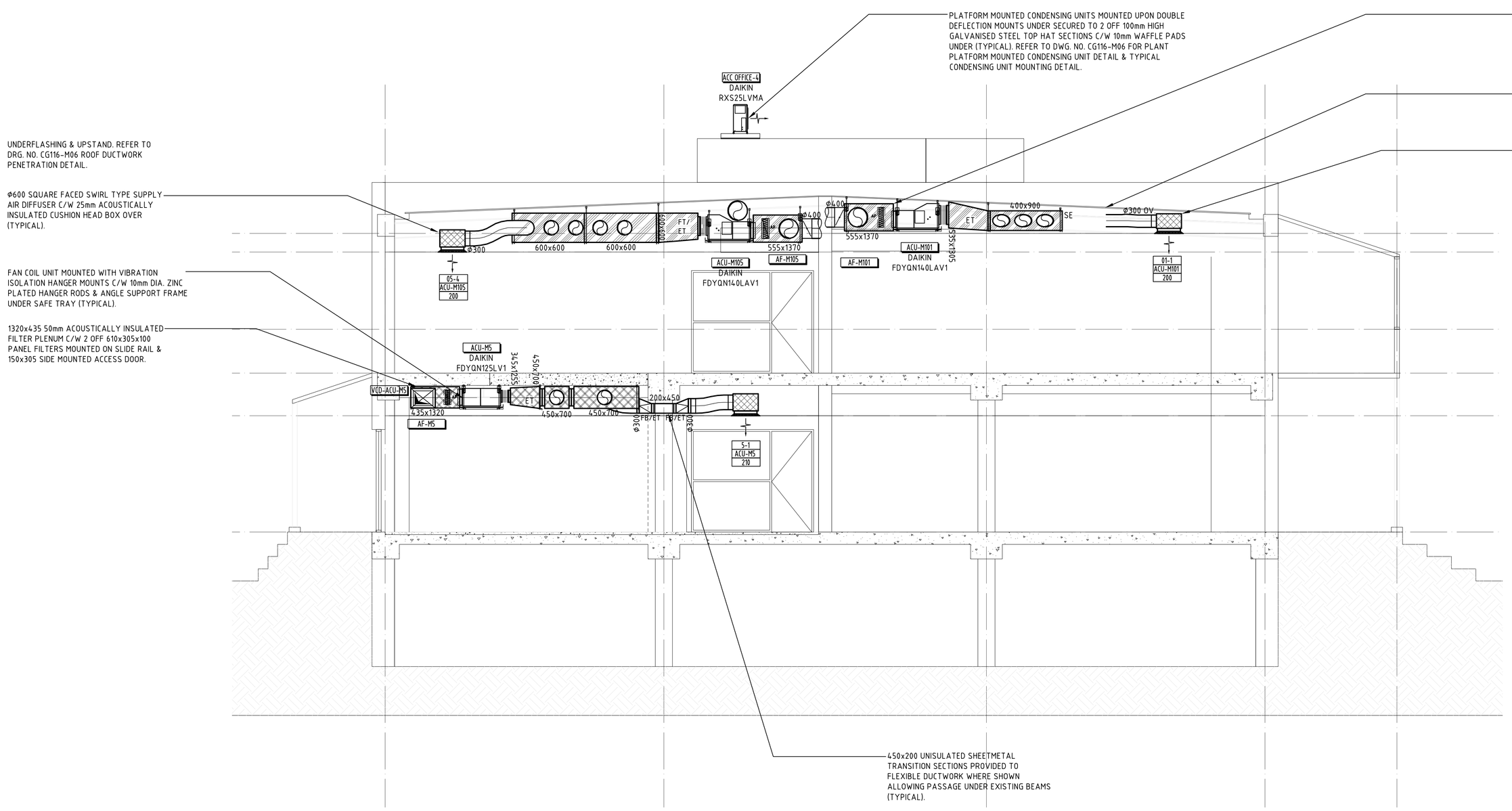
DES	MAKE	MODEL	AC UNIT SIZE (WxL)	DRIP TRAY SIZE (WxLxD)
ACU-M5	DAIKIN	FDYQN125LV1	1400x785	1600x885x50mm GALVANISED
ACU-M6	DAIKIN	FDYQN125LV1	1400x785	1600x885x50mm GALVANISED
ACU-M7	DAIKIN	FDYQN125LV1	1400x785	1600x885x50mm GALVANISED

FIRST FLOOR AC UNIT DRIP TRAY SCHEDULE

DES	MAKE	MODEL	AC UNIT SIZE (WxL)	DRIP TRAY SIZE (WxLxD)
ACU-M101	DAIKIN	FDYQN140LAV1	1400x883	1600x983x50mm GALVANISED
ACU-M102	DAIKIN	FDYQN140LAV1	1400x883	1600x983x50mm GALVANISED
ACU-M103	DAIKIN	FDYQN140LAV1	1400x883	1600x983x50mm GALVANISED
ACU-M104	DAIKIN	FDYQN140LAV1	1400x883	1600x983x50mm GALVANISED
ACU-M105	DAIKIN	FDYQN140LAV1	1400x883	1600x983x50mm GALVANISED
ACU-M106	DAIKIN	FDYQN140LAV1	1400x883	1600x983x50mm GALVANISED
ACU-M107	DAIKIN	FDYQN140LAV1	1400x883	1600x983x50mm GALVANISED

FAN & COWL SCHEDULE

DES	MAKE	MODEL	AIR FLOW	STATIC	WEIGHT	TYPE
OAF OFFICE-1	FANTECH	RIL-150SW	40l/s	100Pa	2.7kg	MIXED FLOW
OAF OFFICE-2	FANTECH	RIL-150SW	40l/s	100Pa	2.7kg	MIXED FLOW
OAF R-1	FANTECH	CD568S	970l/s	75Pa	40.0kg	ROOF CENTR
GEF COMMS	FANTECH	VCW306	150l/s	25Pa	3.8kg	CEIL. AXIAL
OAC R-1	FANTECH	RV2	930l/s	34Pa	7.0kg	ROOF COWL
OAC R-2	FANTECH	RV2	660l/s	18Pa	7.0kg	ROOF COWL
OAC R-3	FANTECH	RV2	620l/s	16Pa	7.0kg	ROOF COWL



SECTION C

SCALE 1:50

REV.	AMENDMENT	BY	DATE
C	AS INSTALLED	ASR	13.02.14
B	ISSUED FOR APPROVAL	ASR	29.10.13
A	ISSUED FOR REVIEW & COMMENT	ASR	28.10.13

Project
ST ALOYSUIS COLLEGE
MITCHELL BUILDING
ANGAS STREET, ADELAIDE 5000

Client
INCA CONSTRUCTIONS

Sheet Title
SECTION C & SCHEDULES

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Drawn	Date	Scale	Sheet
ASR	13.02.14	1:50	B1

Drawing No. CG116-M05

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