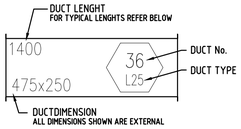
LEGEND



NOTES:

1. ALL DUCTWORK TO BE MANUFACTURED TO AS4254 STANDARD.
2. ALL SIZES SHOWN ARE FINISED SHEET METAL SIZES.
3. ALL LONGITUDINAL SEAMS TO BE PITTSBURGH.
4. ALL DUCTWORK OVER 450mm WIDE TO BE BEAD ROLLED @ 300 CENTRES OR CROSS BREAK.
5. ALL VISABLE INTERNAL DUCT SURFASES TO BE PAINTED MATT BLACK.
6. KITCHEN EXHAUST DUCTWORK CONSTRUCTION TO AS 1668.1–1998.

DUCTWORK LEGEND

- (10 / L) DENOTES DUCT PIECE NUMBER — DENOTES PLAIN LOW PRESSURE GALVANISED DUCTWORK
- (10 / L25) DENOTES DUCT PIECE NUMBER — DENOTES LOW PRESSURE GALVANISED DUCTWORK EXTERNALLY INSULATED WITH 25 Thk. – 33 Kg/m3 ALUMINIUM FACED FIBREGLASS DUCT LINER
- (10 / LA50) DENOTES DUCT PIECE NUMBER — DENOTES LOW PRESSURE DUCTWORK INTERNALLY INSULATED WITH 38 Thk. – 50 Kg/m3 PERFORATED ALUMINIUM FACED FIBREGLASS DUCT LINER
- (10 / LA75) DENOTES DUCT PIECE NUMBER — DENOTES LOW PRESSURE DUCTWORK INTERNALLY INSULATED WITH 75 Thk. – 33 Kg/m3 PERFORATED ALUMINIUM FASED FIBREGLASS DUCT LINER

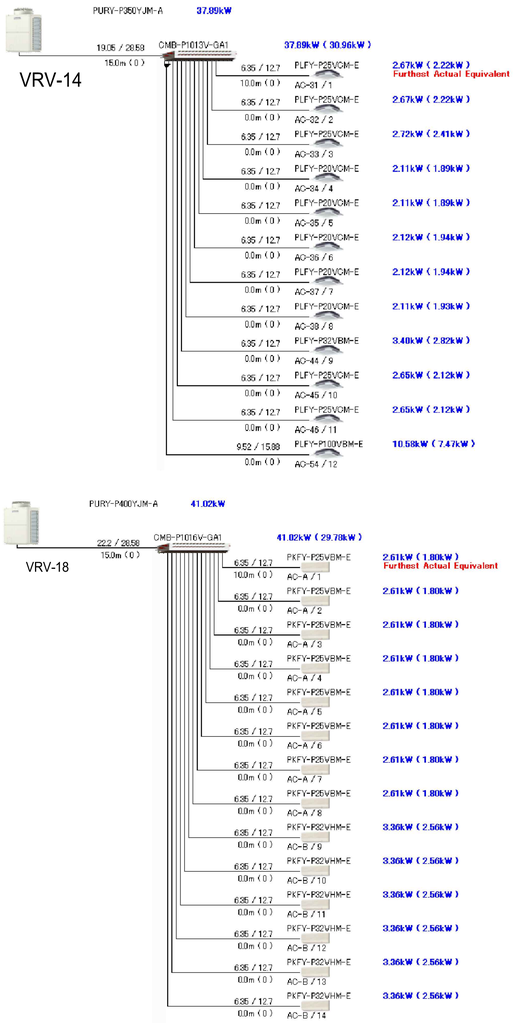
DUCTWORK ABBREVIATIONS

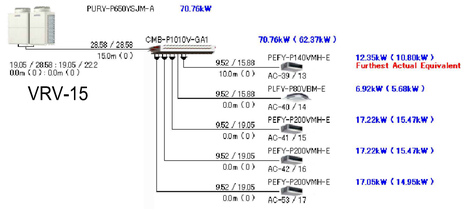
NRD	NON RETURN DAMPER
SE	STOP END
BE	BLANK END
SJ	SLIP JOINT
LF	LOOSE FRAME
RE	RAW EDGE
MF	MATCHING FRAME
FOT	FLAT ON TOP
FOB	FLAT ON BOTTOM
ET	EQUAL TAPER
ETBW	EQUAL TAPER BOTH WAYS
T/O	TURN OUT
T/IN	TURN IN
BU	BOTTOM UP
BD	BOTTOM DOWN
MOS	MEASURE ON SITE
TBA	TO BE ADVISED

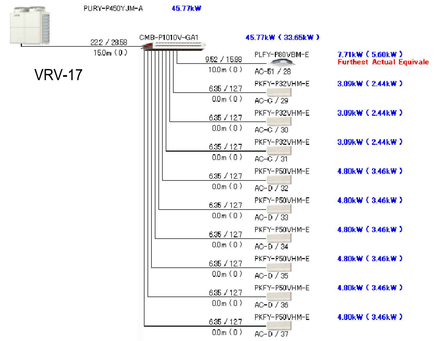
GRILLE/DIFFUSER ABBREVIATIONS

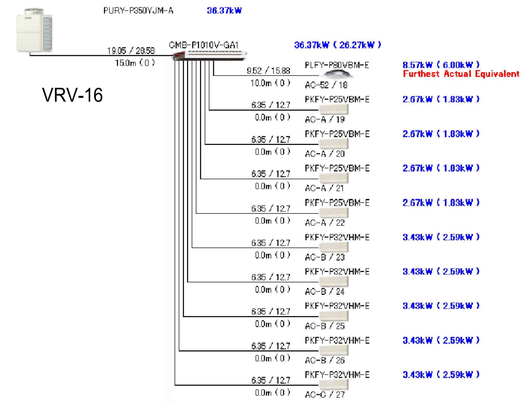
EC	EGG–CRATE GRILLE
LS	LINEAR SLOT GRILLE
SD	SINGLE DEFLECTION GRILLE
DB	DOUBLE DEFLECTION GRILLE
BG	BAR GRILLE
FG	FLOOR GRILLE
TF	THERMOFUSER DIFFUSER
LUV	OUTDOOR LOUVRE GRILLE
JET	JET AIR DIFFUSER
CBW	CURVED BLADE WALL MOUNTED GRILLE
CBC	CURVED BLADE SEILING MOUNTED GRILLE
CG	CIRCULAR SEILING GRILLE

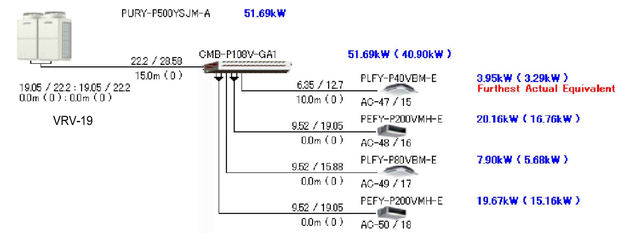
- (1 / 150 / 600x600) DENOTES GRILLE/DIFFUSER NUMBER; DENOTES AIR VOLUME; DENOTES GRILLE/DIFFUSER – NECK SIZE
- (1 / 150 / 350/600) DENOTES GRILLE/DIFFUSER NUMBER; DENOTES AIR VOLUME; DENOTES GRILLE/DIFFUSER – NECK SIZE/FASE SIZE
- (– 25 / + 2950) DENOTES HEIGHT FROM TOP OF DUCT TO SLAB OVER; DENOTES HEIGHT FROM FLOOR TO UNDERSIDE OF DUCT
- —— DENOTES FLEXIBLE ACOUSTIC DUCTWORK
- (T) DENOTES TEMPERATURE SENSOR LOCATION
- (PB) DENOTES PUSH BUTTON CONTROL STATION
- (SP) DENOTES FAN SWITCH PLATE LOCATION
- (FC / 1) DENOTES EQUIPMENT TYPE; DENOTES EQUIPMENT NUMBER
- (FC1.1 / MOT) DENOTES VOLUME DAMPER NUMBER AND TYPE
- (1 / FD) DENOTES FIRE DAMPER NUMBER
- (1 / NRD) DENOTES NON RETURN DAMPER NUMBER









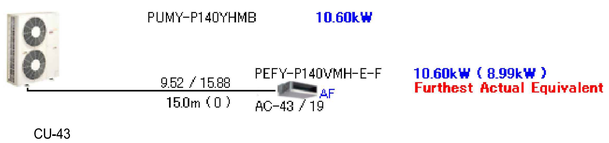


AIR CONDITIONING UNIT SCHEDULE

UNIT	MAKE	MODEL INDOOR	MODEL OUTDOOR	WEIGHT (kg) INDOOR	WEIGHT (kg) OUTDOOR	TOTAL COOLING	SENSIBLE COOLING	TOTAL HEATING	MCA	Ph.
AC–31	MITSUBISHI	PLFY–P25VCM–E	VRV–14 PURY–P350YJM–A CMB–P1013V–GA1	15.5	270	2.2	2.1	1.0	29.18	3
AC–32	MITSUBISHI	PLFY–P25VCM–E		15.5		2.1	2.0	1.0		
AC–33	MITSUBISHI	PLFY–P25VCM–E		15.5		2.6	2.2	1.0		
AC–34	MITSUBISHI	PLFY–P20VCM–E		15.5		1.9	1.8	1.0		
AC–35	MITSUBISHI	PLFY–P20VCM–E		15.5		1.9	1.8	1.0		
AC–36	MITSUBISHI	PLFY–P20VCM–E		15.5		1.3	1.1	1.0		
AC–37	MITSUBISHI	PLFY–P20VCM–E		15.5		1.3	1.2	1.0		
AC–38	MITSUBISHI	PLFY–P20VCM–E		15.5		1.4	1.3	1.0		
AC–44	MITSUBISHI	PLFY–P32VBM–E		22		2.7	2.4	1.0		
AC–45	MITSUBISHI	PLFY–P25VCM–E		15.5		2.3	2.0	1.0		
AC–46	MITSUBISHI	PLFY–P25VCM–E		15.5		2.2	1.9	1.0		
AC–54	MITSUBISHI	PLFY–P100VBM–E		27		8.5	6.4	1.9		
AC–39	MITSUBISHI	PEFY–P140VMH–E	VRV–15 PURY–P650YSJM–A CMB–P1010V–GA1	70	245+270	11.3	9.7	5.4	51.9	3
AC–40	MITSUBISHI	PLFY–P80VBM–E		23		6.0	5.2	2.1		
AC–41	MITSUBISHI	PEFY–P200VMH–E		100		14.4	12.7	6.3		
AC–42	MITSUBISHI	PEFY–P200VMH–E		100		14.4	12.7	6.3		
AC–53	MITSUBISHI	PEFY–P200VMH–E		100		10.6	9.7	3.5		
AC–52	MITSUBISHI	PLFY–P80VBM–E	VRV–16 PURY–P350YJM–A CMB–P1010V–GA1	23	270	5.5	4.9	3.5	29.18	3
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–C	MITSUBISHI	PKFY–P32VHM–E		13		2.9	2.4	1.5		
AC–51	MITSUBISHI	PLFY–P80VBM–E	VRV–17 PURY–P450YJM–A CMB–P1010V–GA1	23	320	5.5	4.9	1.9	37.76	3
AC–C	MITSUBISHI	PKFY–P32VHM–E		13		2.9	2.4	1.5		
AC–C	MITSUBISHI	PKFY–P32VHM–E		13		2.9	2.4	1.5		
AC–C	MITSUBISHI	PKFY–P32VHM–E		13		2.9	2.4	1.5		
AC–D	MITSUBISHI	PKFY–P50VHM–E		13		3.6	3.3	1.5		
AC–D	MITSUBISHI	PKFY–P50VHM–E		13		3.6	3.3	1.5		
AC–D	MITSUBISHI	PKFY–P50VHM–E		13		3.6	3.3	1.5		
AC–D	MITSUBISHI	PKFY–P50VHM–E		13		3.6	3.3	1.5		
AC–D	MITSUBISHI	PKFY–P50VHM–E		13		3.6	3.3	1.5		
AC–D	MITSUBISHI	PKFY–P50VHM–E		13		3.6	3.3	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E	VRV–18 PURY–P400YJM–A CMB–P1016V–GA1	10	270	1.9	1.8	1.5	33.04	3
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–A	MITSUBISHI	PKFY–P25VBM–E		10		1.9	1.8	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–B	MITSUBISHI	PKFY–P32VHM–E		13		2.3	2.0	1.5		
AC–47	MITSUBISHI	PLFY–P40VBM–E	VRV–19 PURY–P500YSJM–A CMB–P108V–GA1	22	240+240	3.6	3.1	1.0	37.2	3
AC–48	MITSUBISHI	PEFY–P200VMH–E		100		17.9	14.9	6.3		
AC–49	MITSUBISHI	PLFY–P80VBM–E		23		5.3	5.1	1.9		
AC–50	MITSUBISHI	PEFY–P200VMH–E		100		13.2	10.0	5.4		
AC–43	MITSUBISHI	PEFY–P140VMH–E–F	PUMY–P140YHMB	70	140	–	–	–	13	3

FAN SCHEDULE

UNIT	MAKE	MODEL	TYPE	F.L.A.	Ph.	kW	dBA @3m	CAPACITY l/s	CAPACITY Pa
F–1	FANTECH	WCE456E	IN–LINE	1.85	1	0.36	46	500	60
F–2	FANTECH	VCW306	WALL FAN	0.23	1	0.05	37	110	20
F–3	FANTECH	TD–500/150 LO	IN–LINE	0.22	1	0.04	39	45	105
F–3	FANTECH	VCW306	WALL FAN	0.23	1	0.05	37	147	36
F–4	FANTECH	PCE354DD	POWER LINE	1.8	1	0.25	52	525	150
F–5	FANTECH	MME354/2	MIXED FLOW	1.8	1	0.25	52	440	190
F–6	FANTECH	MME354/2	MIXED FLOW	1.8	1	0.25	52	600	150
F–7	FANTECH	PCE456ER	POWER LINE	1.85	1	0.36	47	300	220
F–8	FANTECH	PCE404ER	POWER LINE	2.2	1	0.49	54	665	170
F–9	FANTECH	MME354/5	MIXED FLOW	3.6	1	0.55	54	700	170
F–10	FANTECH	PCE314ER	POWER LINE	0.66	1	0.15	47	265	130
F–11	FANTECH	MME354/2	MIXED FLOW	1.8	1	0.25	52	595	150
F–12	FANTECH	MME354/2	MIXED FLOW	1.8	1	0.25	52	575	150
F–13	FANTECH	CPE0454F	COMPACT 2000 SERIES	1.8	1	0.25	54	1200	60
F–14	FANTECH	VCW306	WALL FAN	0.23	1	0.05	37	147	36
F–15	FANTECH	PCE545DD	POWER LINE	5.33	1	0.75	60	1088	344
F–16	FANTECH	MME404/3	MIXED FLOW	3.6	1	0.55	55	1087	185
F–17	FANTECH	PCE454DD	POWER LINE	5.33	1	0.75	60	1095	340
F–18	FANTECH	VCW306	WALL FAN	0.23	1	0.05	37	147	36
F–19	FANTECH	VCW254	VOGUE SERIES	0.28	1	0.06	40	150	40
F–20	FANTECH	MME404/5	MULTI FLOW	3.6	1	0.55	56	1003	234
F–21	FANTECH	TD–800/200	MIXVENT SERIES	0.5	1	0.12	45	150	120
F–22	FANTECH	VCW306	WALL FAN	0.23	1	0.05	37	147	36
F–23	FANTECH	RIL–150 LO	IN–LINE	0.22	1	0.04	39	30	120
F–24	FANTECH	TD–800/200N	MIXVENT SERIES	0.43	1	0.07	45	190	120
F–25	FANTECH	PCE314ER	POWERLINE SERIES	0.62	1	0.15	47	270	140
F–26	FANTECH	PCE354DD	POWERLINE SERIES	1.8	1	0.25	53	410	145
F–27	FANTECH	TD–800/200SIL	SILENT SERIES	0.5	1	0.095	43	180	115
F–28	FANTECH	MME354/5	MULTIFLOW SERIES	3.6	1	0.55	54	600	175
F–29	FANTECH	MME354/5	MULTIFLOW SERIES	3.6	1	0.55	54	790	170
F–32	FANTECH	MME404/3	MULTIFLOW SERIES	3.6	1	0.55	54	800	200
F–33	FANTECH	PCE354DD	POWERLINE SERIES	1.8	1	0.25	53	300	205
F–34	FANTECH	TD–800/200N	MIXVENT SERIES	0.43	1	0.07	40	130	145
F–35	FANTECH	RIL–150	RIL SERIES	0.22	1	0.05	39	60	120
F–36	FANTECH	RIL–150	RIL SERIES	0.22	1	0.05	39	60	120
F–37	FANTECH	BFA0634AA5/17	IN–LINE BIFURCATED	–	3	0.55	61	2200	110



AS-BUILT DRAWING

JBK Air Conditioning

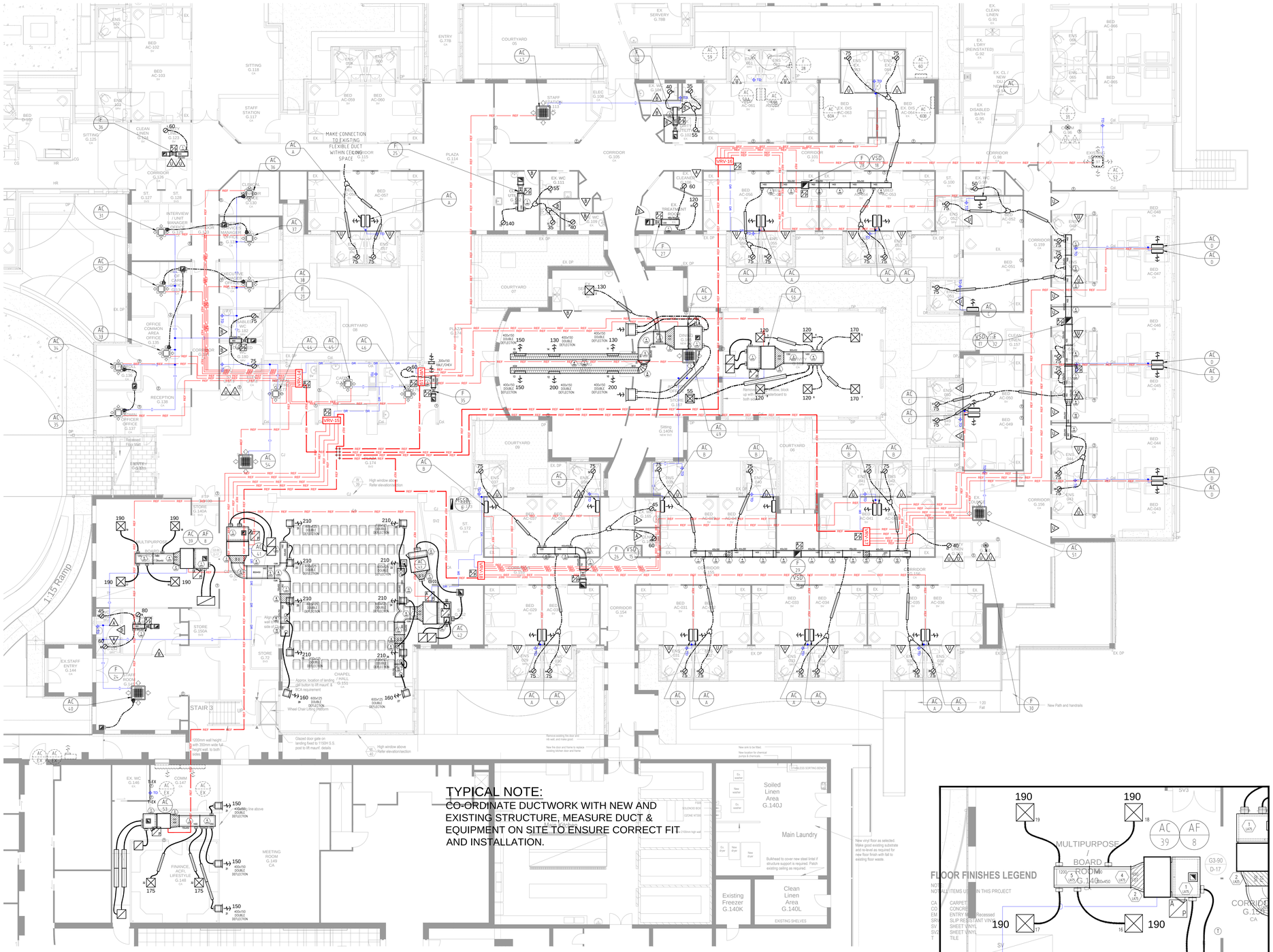
Project
ASSISI CENTER EXISTING AGED CARE BUILDING & NEW RETIREMENT ACCOMMODATION
230 ROSANNA RD, ROSANNA

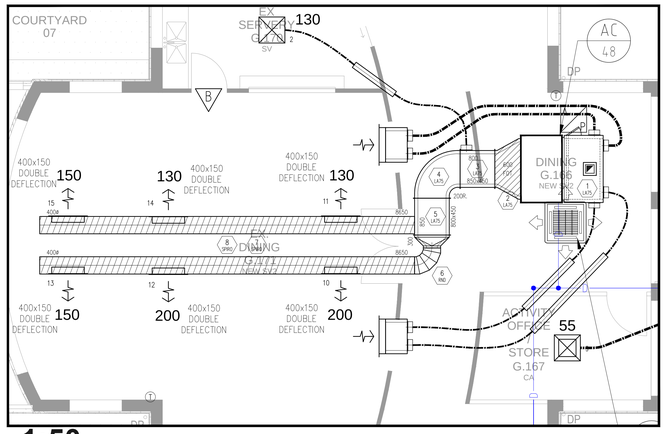
Sheet Title
GROUND FLOOR STAGE 3
LEGEND, SCHEMATICS & SCHEDULES

Date	Amendment	Rev.
25/05/14	AS-BUILT DRAWING	C
10/04/14	ISSUE FOR APPROVAL	B
28/01/14	ISSUE FOR APPROVAL	A
02/12/13	ISSUE FOR APPROVAL	-

Drawn	NI
Scale	-
Revision	C
Sheet No.	1 of 4
Date	25/05/14
Job No.	-
Sheet Size.	A1

M000 C





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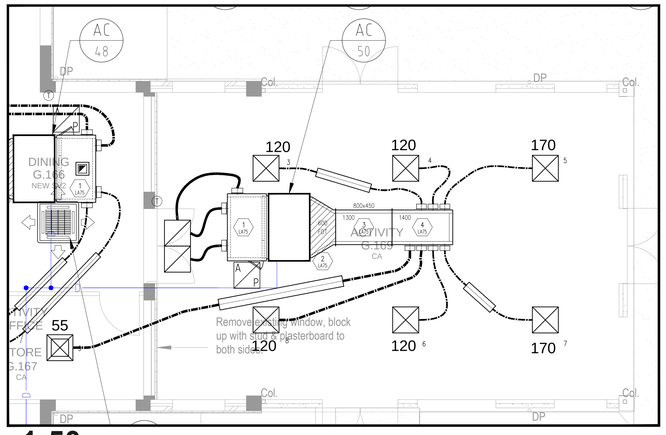

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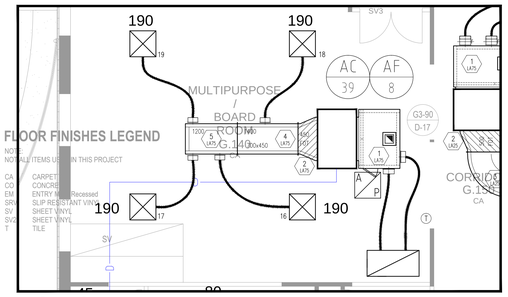

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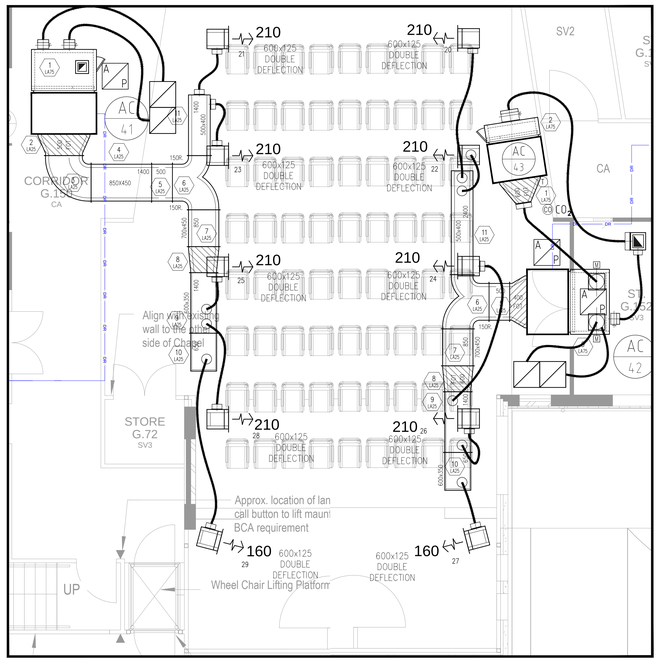

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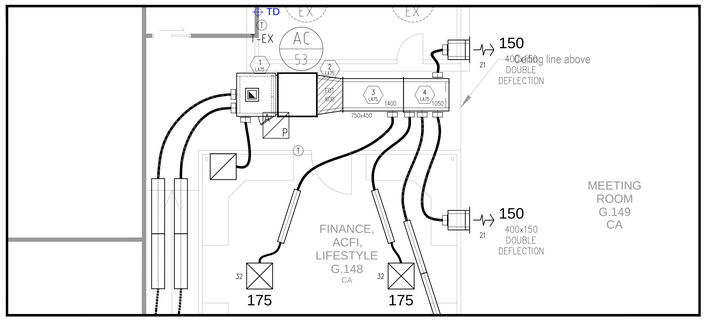

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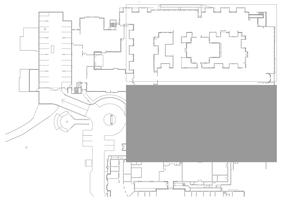

AS-BUILT DRAWING

JBK Air Conditioning

Project
ASSISI CENTER EXISTING AGED CARE BUILDING & NEW RETIREMENT ACCOMMODATION
230 ROSANNA RD, ROSANNA

Sheet Title
GROUND FLOOR STAGE 3
VENTILATION

Date	Amendment	Rev.
12/07/14	AS-BUILT DRAWING	D
25/05/14	AS-BUILT DRAWING	C
10/04/14	ISSUE FOR APPROVAL	B
28/01/14	ISSUE FOR APPROVAL	A
02/12/13	ISSUE FOR APPROVAL	-

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Revision	D
Sheet No.	2 of 4
Date	12/07/14
Job No.	-
Sheet Size	A0

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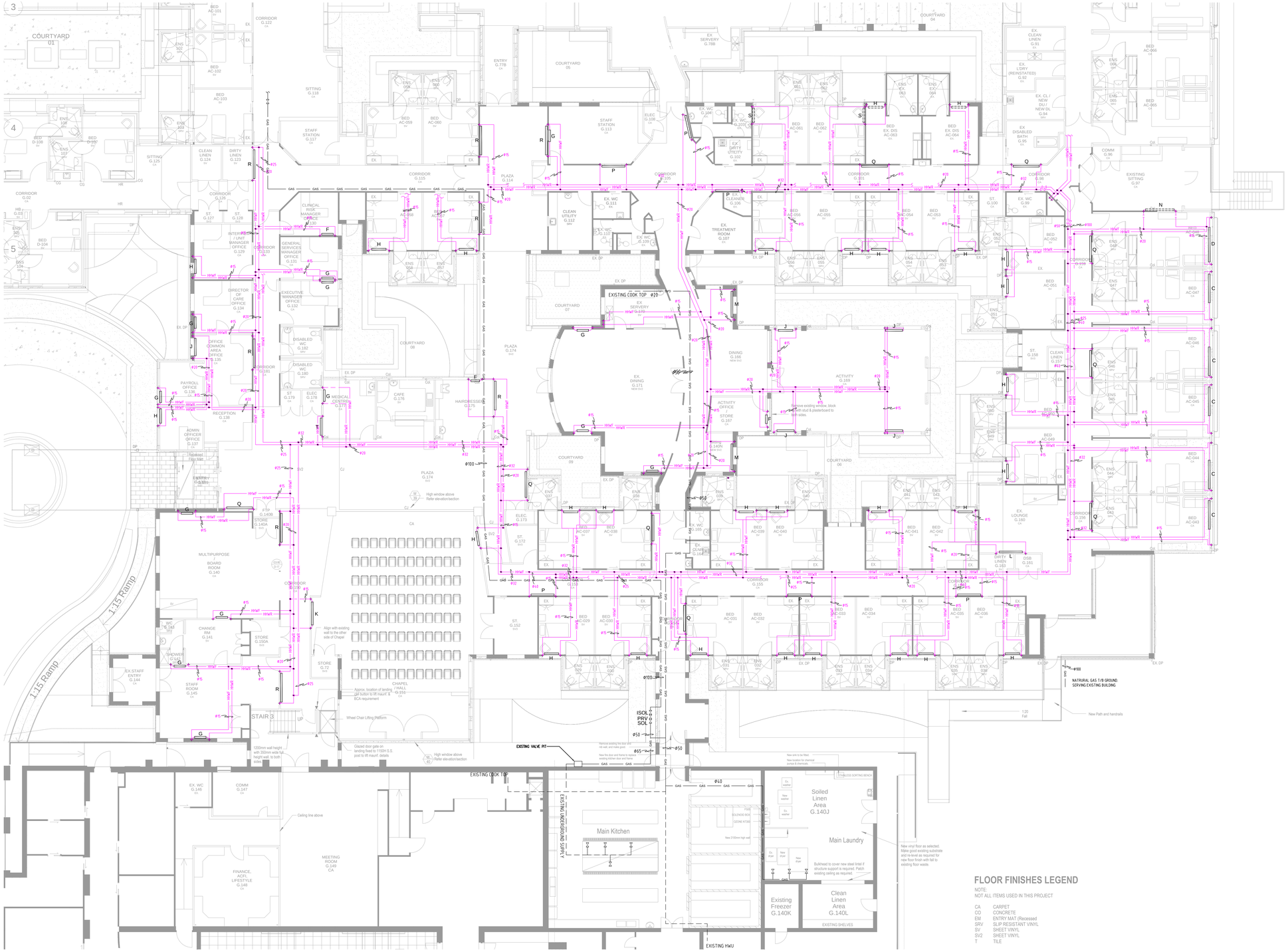
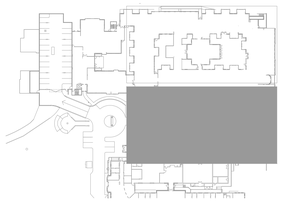


RADIATOR SCHEDULE SCHEDULE

UNIT	LENGHT (mm)	HEIGHT (mm)	TOTAL HEAT OUTPUT (kW)	TYPE	MAKE	HOT WATER FLOW RATE (L/s)
R.A	1600	300	2.15	6T	SOLAZAR	0.034
R.B	1800	300	2.44	6T	SOLAZAR	0.039
R.C	2000	300	2.74	6T	SOLAZAR	0.043
R.D	2400	300	3.33	6T	SOLAZAR	0.053
R.E	2000	200	1.26	6T	SOLAZAR	0.020
R.F	600	450	0.75	4T	SOLAZAR	0.012
R.G	800	450	1.08	6T	SOLAZAR	0.017
R.H	1000	450	1.40	6T	SOLAZAR	0.022
R.J	1200	450	1.73	6T	SOLAZAR	0.027
R.K	1400	450	2.05	6T	SOLAZAR	0.033
R.L	1600	450	2.38	6T	SOLAZAR	0.038
R.M	1800	450	2.71	6T	SOLAZAR	0.043
R.N	2000	450	3.03	6T	SOLAZAR	0.048
R.P	1600	450	1.68	4T	SOLAZAR	0.030
R.Q	1800	450	1.91	4T	SOLAZAR	0.034
R.R	2000	450	2.14	4T	SOLAZAR	0.038
R.S	1000	900	1.79	6T	SOLAZAR	0.028
R.T	1200	450	1.22	4T	SOLAZAR	0.019



PIPING LEGEND

- ISOLATION VALVE GATE OR BALL TYPE
- CALIBRATED BALANCING VALVE
- NON-RETURN VALVE
- FLEXIBLE PIPE CONNECTION
- STRAINER
- PRESSURE REDUCING VALVE
- THERMOMETER POCKET
- PRESSURE RELIEF VALVE C/W DISCHARGE TO WASTE
- T — THERMOSTAT
- M — MOTORISED 2 WAY VALVE
- S — SOLENOID VALVE
- BFP — BACKFLOW PREVENTION VALVE
- R — REFRIGERANT
- D — CONDENSATE DRAIN
- G — NEW GAS PIPE
- HHWF — HEATING HOT WATER FLOW
- HHWR — HEATING HOT WATER RETURN
- G — EXISTING GAS PIPE
- G — EXISTING GAS PIPE TO BE DEMOLISHED
- M — GAS METER
- R — GAS PRESSURE REGULATOR

FLOOR FINISHES LEGEND

NOTE:
NOT ALL ITEMS USED IN THIS PROJECT

CA	CARPET
CO	CONCRETE
EM	ENTRY MAT (Recessed
SRV	SLIP RESISTANT VINYL
SV	SHEET VINYL
SV2	SHEET VINYL
T	TILE

AS-BUILT DRAWING

JBK Air Conditioning

Project
ASSISI CENTER EXISTING AGED CARE BUILDING & NEW RETIREMENT ACCOMMODATION
230 ROSANNA RD, ROSANNA

Sheet Title
GROUND FLOOR STAGE 3
PIPING

Date	Amendment	Rev.
12/07/14	AS-BUILT DRAWING	D
25/05/14	AS-BUILT DRAWING	C
10/04/14	ISSUE FOR APPROVAL	B
28/01/14	ISSUE FOR APPROVAL	A
02/12/13	ISSUE FOR APPROVAL	-

Drawn	NI
Scale	1:100
Revision	D
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M002 D

AS-BUILT DRAWING

JBK Air Conditioning

Project
ASSISI CENTER EXISTING AGED CARE BUILDING & NEW RETIREMENT ACCOMMODATION
230 ROSANNA RD, ROSANNA

Sheet Title
GROUND FLOOR STAGE 3

Date	Amendment	Rev.
25/05/14	AS-BUILT DRAWING	C
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02/12/13	ISSUE FOR APPROVAL	-

Drawn	NI
Scale	1:100
Revision	C
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