



STANDARD NOTES:

ALL STRAIGHT DUCT LENGTHS TO BE 1400L U.N.O.

ALL STRAIGHT BLANKEND DUCT LENGTHS TO BE 1450L U.N.O.

ALL BOOTS TO BE 175L U.N.O.

ALL DUCT OFFSETS/TRANSITIONS TO BE 400L & EQUAL TAPERED U.N.O.

ALL DUCTWORK SET UP & SET DOWN ARE TAKEN FROM BOTTOM TO BOTTOM OF DUCT.

GENERAL NOTES & LEGEND

DUCTWORK PCMK

FLOOR LEVEL

PIECE NUMBER

DUCT CONSTRUCTION

INSULATION R VALUE

DUCT CONSTRUCTION TYPES:

- L - LOW PRESSURE PLAIN DUCTWORK, BEAD ROLLED WITH NO INSULATION
- T - LOW PRESSURE TOILET EXHAUST DUCTWORK, BEAD ROLLED, SEALED SEAMS, NO INSULATION
- K - KITCHEN EXHAUST DUCT, 1.2mm GAL. SEALED SEAMS AS PER AS1668.
- LA50 - INTERNAL INSULATION THICKNESS IN MILLIMETERS. LOW PRESSURE DUCTWORK WITH INTERNAL INSULATION FACED WITH PERFORATED FOIL.
- LP50 - INTERNAL INSULATION THICKNESS IN MILLIMETERS. LOW PRESSURE DUCTWORK WITH INTERNAL INSULATION FACED WITH PERFORATED METAL.
- LM50 - INTERNAL INSULATION THICKNESS IN MILLIMETERS. LOW PRESSURE DUCTWORK WITH INTERNAL INSULATION FACED WITH MELINEK.

DUCT CONSTRUCTION NOTES:

ALL S/A & R/A DUCTWORK IS TO BE CONSTRUCTED TO S.M.A.C.N.A. 500 Pa STANDARDS.

ALL EXHAUST DUCTWORK IS TO BE CONSTRUCTED TO S.M.A.C.N.A. 500 Pa STANDARDS.

ALL STANDARD STRAIGHTS ARE 1400mm U.N.O.

ALL STANDARD BOOTS ARE 300mm U.N.O.

STRAIGHTS ON ALL RADIUS BENDS ARE 50mm U.N.O.

STRAIGHTS ON ALL MITRED BENDS ARE 150mm U.N.O.

ALL DUCTWORK TO BE PITTSBURG SEAM

SI - DUCT JOINT TO BE SLIP JOINT

35TDF - DUCT JOINT TO BE 35mm FRAME

SENSOR/ARM/PANEL/BUITON NOTES:

AH - AFTER HOURS PUSH BUTTON

S - SWITCH

O2 - OXYGEN SENSOR

O2LL - LOW-LEVEL OXYGEN ALARM

CO - CARBON MONOXIDE SENSOR

N2 - NITROGEN GAS REGULATOR/PANEL

EM - MANUAL EMERGENCY SHUT-OFF BUTTON

LEGEND:

- FD - FIRE DAMPER TAG
- VC - VOLUME CONTROL DAMPER TAG
- VCN - VCD NUMBER
- VCNT - VCD TYPE
- + 3000 - HEIGHT FROM STRUCTURAL FLOOR LEVEL TO UNDERSIDE OF DUCTWORK
- T - THERMOSTAT
- H - HUMIDISTAT
- DN - DENOTES DOOR GRILLE SUPPLIED BY O.P. INDUST. & INSTALLED BY BUILDER
- UC - UC = 25mm UNDERCUT DOOR REFER PLAN AND GRILLE LABEL FOR DOOR GRILLE SIZES
- 01 - DENOTES REGISTER No.
- 100L/S - DENOTES REGISTER STYLE
- 300x300 - DENOTES AIR QUANTITY
- 595x595 - DENOTES REGISTER SIZE NECK
- 515 - DENOTES REGISTER SIZE FACE
- 515 - DENOTES REGISTER SYSTEM

FAN SCHEDULE

FAN NO.	CPMF-B3.01
AREA SERVED	B3 CAR PARK MAKEUP
FAN TYPE	AXIAL
MANUFACTURE	FANTECH
MODEL NO.	AP0502JAG/15
AIRFLOW L/S	2500
STATIC PRESS. Pa	250
ANCLLARIES	MOUNTING FEET SPRINGS

DAMPER SCHEDULE

REF. NO.	TYPE	SIZE	LOCATION
B3-1	NRD	1200x300	CPMF-B3.01

FIRE DAMPER SCHEDULE

REF. NO.	SYSTEM	MODEL	W	H	WALL/SLAB THICKNESS	TYPE
B3.1	CPEF-R.01	CURTAIN BLADE	900	400	180	SLAB - D TO D
B3.2	CPEF-R.01	CURTAIN BLADE	1200	300	180	SLAB - D TO D
B3.3	CPEF-R.01	CURTAIN BLADE	1200	300	200	WALL - D TO D
B3.4	CPEF-R.01	CURTAIN BLADE	1200	300	200	WALL - D TO D
B3.5	CPMF-L6-01	CURTAIN BLADE	400	200	200	WALL - D TO D
B3.6	CPMF-L6-01	CURTAIN BLADE	800	350	200	WALL - D TO D

AIR TERMINAL SCHEDULE

REG	SYS	GRILLE	TYPE	MODEL	AIR	NECK	FACE	DAMPER	CHEAD	INSUL	POP	BLOW	FINISH
B3-01	CPEF-R.01	EGGRATE GRILLE	EXHAUST AIR	G-RAGP	515 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-02	CPEF-R.01	EGGRATE GRILLE	EXHAUST AIR	G-RAGP	515 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-03	CPEF-R.01	EGGRATE GRILLE	EXHAUST AIR	G-RAGP	515 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-04	CPEF-R.01	EGGRATE GRILLE	EXHAUST AIR	G-RAGP	515 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-05	CPEF-R.01	EGGRATE GRILLE	EXHAUST AIR	G-RAGP	515 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-06	CPEF-R.01	EGGRATE GRILLE	EXHAUST AIR	G-RAGP	515 L/S	1200x200	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-07	CPEF-R.01	EGGRATE GRILLE	EXHAUST AIR	G-RAGP	515 L/S	1200x200	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-08	CPEF-R.01	EGGRATE GRILLE	EXHAUST AIR	G-RAGP	515 L/S	1200x200	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-09	CPMF-B3-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	500 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-10	CPMF-B3-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	500 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-11	CPMF-B3-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	500 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-12	CPMF-B3-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	500 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-13	CPMF-B3-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	500 L/S	1000x250	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-14	CPMF-L6-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	300 L/S	1000x150	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-15	CPMF-L6-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	425 L/S	1000x200	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-16	CPMF-L6-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	425 L/S	1000x200	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-17	CPMF-L6-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	425 L/S	1000x200	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED
B3-18	CPMF-L6-01	EGGRATE GRILLE	SUPPLY AIR	G-RAGP	425 L/S	1000x200	TO SUIT	OBD	N/A	N/A	N/A	HORIZONTAL	NATURAL ANODISED