

M&E CONSULTANTS

PdcConsultants Pte Ltd

23 NEW INDUSTRIAL ROAD #06-03
SOLISTEC BUSINESS CENTER SINGAPORE 536209

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DATE RECEIVED:

RECEIVED BY:

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☐ NO EXCEPTION TAKEN

☐ MAKE CORRECTIONS NOTED PRIOR TO GENERAL USE

☐ TO REVISE & RESUBMIT

☐ REJECTED & RESUBMIT

SIGNATURE:

• WHERE RESUBMISSION IS REQUIRED, SUBMIT REVISED DRAWINGS FOR REVIEW PRIOR TO PROCEEDING WITH WORK.

• THIS REVIEW IS FOR GENERAL ARRANGEMENT ONLY AND DOES NOT EXTEND TO DIMENSIONS OF SETTING OUT OF THE WORKS AND DOES NOT RELEASE THE CONTRACTOR OF HIS RESPONSIBILITIES TO ENSURE FULL COMPLIANCE.

• THIS REVIEW DOES NOT RELEASE THE CONTRACTOR OF HIS RESPONSIBILITIES TO ENSURE WORKS IN COMPLIANCE TO CONTRACT SPECIFICATION, OTHER DRAWINGS AND STATUTORY REQUIREMENT HAVING JURISDICTION OVER THE INSTALLATION.

Mechanical Ventilation Equipment Schedule

S/N	Fan Reference	Area Served	Capacity (CMH)	SP (Pa)	Brand / Model Offered		Type	Fan Dimension	Motor Rating (kW)	Full Load Current (Amp)	Fan Speed (rpm)	Supply (V/Ph/Hz)	Class	dBA (3m)	Wt. (kg)	Qty	Silencer Model	Silencer Qty	Spring Isolator Model	Spring Isolator Qty	Control Logic	Control Panel Designation	Power Requirement
1	FAF-2-L1-01	DC ROOM (01-13,01-14&01-15)	1640	150	SYSTEMAIR	PRIO 250E2	CIL	250	0.194	0.845	2692	230/1ø/50	F/44	48	5.55	1	-	-	-	-	Interlock With FCU's	CP-BLK2-L1-01	20A(1ø)
2	FAF-2-L1-02	DC ROOM(01-16, 01-17 & 01-18)	1240	150	SYSTEMAIR	K315 L SILEO	CIL	315	0.324	1.41	2403	230/1ø/50	F/44	52	7	1	-	-	-	-	Interlock With FCU's	CP-BLK2-L1-02	20A(1ø)
3	FAF-2-L1-03	01-09 NCR(S),01-10 NCR (C) & 01-11 ELE-ROOM	70	100	SYSTEMAIR	K100 M SILEO	CIL	100	0.031	0.177	2407	230/1ø/50	B/44	38	2.3	1	-	-	-	-	Interlock With Lighting	CP-BLK2-L1-03	20A(1ø)
4	FAF-2-L1-04	NCR (01-02,01-03,01-05,01-06)	210	150	SYSTEMAIR	K150 XL SILEO	CIL	150	0.100	0.443	2523	230/1ø/50	F/44	48	4.1	1	-	-	-	-	Interlock With Lighting	CP-BLK2-L1-04	20A(1ø)
5	FAF-2-L1-05	01-12 GROWTH	300	100	SYSTEMAIR	K150 XL SILEO	CIL	150	0.100	0.443	2523	230/1ø/50	F/44	48	4.1	1	-	-	-	-	Interlock With Lighting	CP-BLK2-L1-05	20A(1ø)
6	FAF-2-L1-06	IDS ROOM (01-19 TO 01-24)	920	150	SYSTEMAIR	K315 M SILEO	CIL	315	0.201	0.882	2520	230/1ø/50	F/44	48	5.5	1					Interlock With FCU's	CP-BLK2-L1-06	20A(1ø)
7	EXEAF-2-L1-01	01-08 BATTERY ROOM	1850	100	SYSTEMAIR	KTEX 50-30-4	EX PROOF	520x340	0.888	1.770	2552	400/3ø/50	F/44	57	22.8	1	-	-	-	-	Interlock With Hydrogen Sensor & Fire Alarm	CP-EAF-BLK2-L1-01	20A(3ø)
8	FAF-2-L2-01	02-02 O-ROOM, 02-03 TRAINING	540	150	SYSTEMAIR	K200 L SILEO	CIL	200	0.155	0.682	2638	230/1ø/50	F/44	43	4.8	1	-	-	-	-	Interlock With FCU's	CP-BLK2-L2-01	20A(1ø)
9	FAF-2-L2-02	02-05 BF ROOM, 02-06 R-ROOM	920	150	SYSTEMAIR	K315 M SILEO	CIL	315	0.201	0.882	2520	230/1ø/50	F/44	48	5.5	1	-	-	-	-	Interlock With FCU's	CP-BLK2-L2-02	20A(1ø)
10	FAF-2-L2-03	02-08 TO 02-12 OFFICE	960	150	SYSTEMAIR	K315 M SILEO	CIL	315	0.201	0.882	2520	230/1ø/50	F/44	48	5.5	1	-	-	-	-	Interlock With FCU's	CP-BLK2-L2-03	20A(1ø)
11	FAF-2-L2-04	02-04B STORE	100	100	SYSTEMAIR	K100 XL SILEO	CIL	100	0.052	0.227	2418	230/1ø/50	F/44	45	3	1	-	-	-	-	Interlock With Lighting	CP-BLK 2-L2-04	20A(1ø)
12	TEAF-2-L2-01	T2-02 FEMALE TOILET	300	100	SYSTEMAIR	K150 XL SILEO	CIL	150	0.100	0.443	2523	230/1ø/50	F/44	48	4.1	1	-	-	-	-	Interlock With Lighting	CP-TEAF-BLK2-L2-01	20A(1ø)
13	FAF-2-L3-01	03-02 MEETING	320	150	SYSTEMAIR	K150 XL SILEO	CIL	150	0.100	0.443	2523	230/1ø/50	F/44	48	4.1	1	-	-	-	-	Interlock With FCU's	CP-BLK2-L3-01	20A(1ø)
14	FAF-2-L3-02	03-08 CONFERENCE, 03-09 WAITING ROOM	660	150	SYSTEMAIR	K200 L SILEO	CIL	200	0.155	0.682	2638	230/1ø/50	F/44	43	4.8	1	-	-	-	-	Interlock With FCU's	CP-BLK2-L3-02	20A(1ø)
15	FAF-2-L3-03	NCR (03-11 TO 03-14)	80	100	SYSTEMAIR	K100 M SILEO	CIL	100	0.031	0.177	2407	230/1ø/50	B/44	38	2.3	1					Interlock With Lighting	CP-BLK2-L3-03	20A(1ø)

Project Ref. No. : A2105-00599-2022



PEH SEOH CHIN
HED (Army Camps)

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Senior Programme Manager

D&B Main Contractor:



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Project No.:

D2019-00162

Project Title:

PROPOSED ADDITIONS OF 1 BLOCK OF 3-STOREY OFFICE BUILDING (BLK 2), 1 BLOCK OF 6-STOREY ACCOMMODATION BUILDING (BLK 3), 1 BLOCK OF 4-STOREY ACCOMMODATION BUILDING (BLK 4), 1 BLOCK OF 2-STOREY TRAINING MULTIPLEX (BLK 9), 1 BLOCK OF MSVS (BLK 10), AND ANCILLARY FACILITIES (BLK 5, 6 & 8) TO EXISTING DIEPPE BARRACK ON LOT 05019M MK13 AT SEMBAWANG ROAD (MANDAI PLANNING AREA)

Drawing title:

BLOCK 2 - ACMV EQUIPMENT SCHEDULE-04

	Initial	Date	Scale	NTS
Drawn	MS	30/12/2024		
Checked	HK	30/12/2024	Software	CAD
Drawing no.:		Revision no.:		
D2019-00162/BLK 2/ACMV 08		00		

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