

LEGEND :

	=	DUCTING SUPPLY DENGAN ISOLASI DALAM		=	FLEXIBLE ROUND DUCT DIISOLASI C/W BUTTERFLY DAMPER
	=	DUCTING SUPPLY DENGAN ISOLASI LUAR JIKA B.J.L.S	SEF	=	SMOKE EXTRA FAN
	=	DUCTING RETURN DENGAN ISOLASI DALAM	SMA	=	SMOKE MAKE UP AIR
	=	DUCTING FRESH AIR TIDAK DIISOLASI	IU	=	INDOOR UNIT
	=	DUCTING EXHAUST TIDAK DIISOLASI	OU	=	OUTDOOR UNIT
	=	PIPA DRAIN DIISOLASI SLOPE 1%	EF	=	EXHAUST FAN
	=	SUPPLY AIR DIFFUSER (4 WAY)	MVD	=	MOTORIZED VOLUME DAMPER
	=	RETURN AIR GRILLE ATAU EXHAUST AIR GRILLE	FD	=	FIRE DAMPER

FAF	=	FRESH AIR FAN
SAD	=	SUPPLY AIR DIFFUSER
RAG	=	RETURN AIR GRILLE
EAG	=	EXHAUST AIR GRILLE
EAL	=	EXHAUST AIR LOUVRE
FAL	=	FRESH AIR LOUVRE
DG	=	DOOR GRILLE
VD	=	VOLUME DAMPER
DR	=	DRAIN

DAFTAR SAD & RAG

KAPASITAS ( CFM )	DIFF./GRILLE ( mm )	FLEX. DUCT ( mm )	JUMLAH
1 - 160	150 x 150	ø 150	-
161 - 280	200 x 200	ø 200	-
281 - 320	225 x 225	ø 225	-
321 - 420	250 x 250	ø 250	-
421 - 550	300 x 300	ø 250	-
551 - 600	300 x 300	ø 300	-
1 - 240	250 x 200	-	-
241 - 350	300 x 250	-	-
351 - 450	400 x 250	-	-
451 - 600	450 x 300	-	-

BAR GRILLE SUPPLY AREA

KAPASITAS ( CFM )	GRILLE ( mm )	FLEX. DUCT ( mm )
1 - 100	200 x 100	-
101 - 200	350 x 100	-
201 - 300	700 x 100	-
301 - 400	900 x 100	-
401 - 500	900 x 150	-
501 - 600	900 x 150	-
601 - 700	900 x 150	-
701 - 800	900 x 150	-
801 - 900	1200 x 150	-
901 - 1000	1200 x 150	-
1001 - 1100	900 x 200	-
1101 - 1200	900 x 200	-

BAR GRILLE RETURN CORIDOR AREA

KAPASITAS ( CFM )	GRILLE ( mm )	FLEX. DUCT ( mm )
1 - 100	250 x 100	-
101 - 200	500 x 100	-
201 - 300	700 x 100	-
301 - 400	900 x 100	-
401 - 500	900 x 150	-
501 - 600	900 x 150	-
601 - 700	1200 x 150	-
701 - 800	1200 x 150	-
801 - 900	1200 x 200	-
901 - 1000	1200 x 200	-

IU-3.RM/01

KAP : 15.200 BTU/H  
WALL MOUNTED

IU-3.SMR/01

KAP : 5.000 BTU/H  
WALL MOUNTED

IU-3.RKS/01

KAP : 85.000 BTU/H  
CEILING CONCEALED

IU-3.RKS/03

KAP : 85.000 BTU/H  
CEILING CONCEALED

IU-3.MMR/01

KAP : 9.600 BTU/H  
WALL MOUNTED

IU-3.RKS/02

KAP : 85.000 BTU/H  
CEILING CONCEALED

IU-3.MS/01

KAP : 12.500 BTU/H  
WALL MOUNTED

OWNER/CLIENT



APPROVED : .../.../...

(signed)

PROJECT

BPDP  
KELAPA SAWIT

JL.Medan Merdeka Tim, RT.7/RW.1, Gambir,  
Kec. Gambir, Kota Jakarta Pusat, Daerah  
Khusus Ibukota Jakarta 10110

INTERIOR DESIGN CONSULTANT

PT. **M**ADEA  
AGKASAMA

Jl. Heli Suci No. 4 Gd. Sakura Lt. 2 Room 201  
Kel. Kampung Bali, Kec. Tanah Abang, Jakarta Pusat  
Telp. 021 - 2303483, Fax. 021 - 2303483

APPROVED : //

MEP CONSULTANT



PT. **DUTA PRATAMA** ENGINEERING  
MECHANICAL & ELECTRICAL ENGINEER  
Rukan Taman Murya Blok M No. 37, J. Batu Mulia No. 1  
Murya Utara Kembangan - Jakarta Barat 11620  
Phone : 021-5845546, 5845547, 5845556, Fax : 021-58474531  
Email : dpaepm@gmail.com, pldp.madea@ptdpc.com

DRAWING TITLE

INSTALASI VENTILASI DAN  
TATA UDARA LT 3

SCALE : 1:150

ALL MEASUREMENT MUST BE CHECKED AT BY SITE  
BY THE CONTRACTORS AND ANY DIFFERENCES  
REPORTED/INITIATED TO THE DESIGNER FOR  
CLARIFICATION BEFORE PROCEEDING.

2024/05/10

	...	...	...
	...	...	...
	...	...	...
	...	...	...
	...	...	...
#	REVISION :	DATE	

DRAWN

lqbal

DATE : 15/05/24

CHECKED

Dhono

DATE : 15/05/24

DRAWING FOR

DRAWING NUMBER

VAC-204

PAGE

PAGE

TENDER

DATE : 2024/05/10