

	DATA TEKNIS PROYEK
KADIRAT OPS	APARTEMEN

NAMA PROYEK	:	PODOMORO GOLF VIEW CIMANGGIS
PEMILIK	:	PT GRAHA TUNAS SELARAS
JENIS PROYEK	:	TOWER EKKI
LOKASI	:	GUNUNG PUTRI - BOGOR
PERIODE PELAKSANAAN	:	Januari 2021 2016 s.d September 2024

4	ELEKTRIKAL				
	EKKI				
	DATA DAYA UTAMA		Daya	SATUAN	KETERANGAN
	Besaran Daya Total	:	2 228	KVA	Sambungan PLN
	Listrik Total untuk Penerangan dan stop kontak	:	181,00	KVA	
	Listrik Total untuk Daya :		181,00	KVA	
	- VAC	:	161	KW	
	- Lift	:	243	KW	
	- Escalator	:	N/A	KVA	
	- Pompa-pompa	:	4.445	KW	
	GONDOLA		4,80	KVA	
	- Total	:	413,00	KVA	

	DATA KEBUTUHAN DAYA							
	Lighting / Penerangan			MERK	TYPE	JUMLAH	JUMLAH DAYA	SATUAN
	Type & Merk Lampu Lobby		:	Philips	LED	246	6,08	KW
	Type & Merk Lampu Unit		:	Philips	LED	7.956	35.616	KW
	Type & Merk Lampu Koridor		:	Philips	LED	1.100	10,1792	KW
	Type & Merk Lampu Office		:	Philips	LED	194	4,112	KW
	Type & Merk Lampu Parkir		:	Philips	TL Balk	624	21,384	KW
	Type & Merk Lampu Jalan		:	Philips	LED	16	8,4	KW
	Equipment Utama							
	Type & Merk Trafo		:	Trafindo	Basah	2	2X1600	KVA
	Type & Merk Panel		:	Inti Muara Elektrindo	Free Standing dan Wall			
	Type & Merk Kabel		:	Voksel	NYY,N2XSY,N2XSEYFGby,NYA,NYM,NYMHY,NYAF			
	Type & Merk BUS Duct		:	N/A				
	Type & Merk Amature (Stop kontak /dll )	PUBLIK LOBBY UTAMA		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	158,00		
		PUBLIK KORIDOR		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	110,00		
		UNIT STUDIO		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	10.548,00		
		UNIT 2BR		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	9.180,00		
		UNIT 3BR		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	1.056,00		
	Daya PLN terpasang di UNIT	UNIT STUDIO		1.300,00	VA	876,00		
		UNIT 2BR		1.300,00	VA	918,00		
		UNIT 3BR		2.200,00	VA	88,00		
	Type & Merk CB			ABB	CB SF 7			

5 SOUND SYSTEM, TELEPON, FA, CCTV, BAS						
Equipment Utama			MERK	TYPE	JUMLAH	SATUAN
SOUND SYSTEM						
Sound System Player	Accoustic		TOA	(W/Chime) ZM-660D	1	UNIT
	Accoustic		TOA	Ceiling	1.083	TITIK
Speaker	Emergency	:	TOA	Dome speaker W/WALL (zs-1860F-AS)	78	TITIK
Telepon Line		:				LINE
PABX	CO		Ericsson-LG	eMG800	8	TITIK
	EXTENSION	:	Ericsson-LG		82	TITIK
Intercom					-	UNIT
KABEL			Leoni	AWG		
FIRE ALARM						
Smoke/Heat Detector	UNIT STUDIO		HOCHIKI	D-EASC	3.504	TITIK
	UNIT 2 BR		HOCHIKI	D-EASC	5.508	
	UNIT 3BR		HOCHIKI	D-EASC	880	
	KORIDOR PUBLIK		HOCHIKI	D-EASC	968	
	AREA PUBLIK Lt.2		HOCHIKI	D-EASC	69	
	PUBLIK TOTAL	:	HOCHIKI	D-EASC	1.037	TITIK
	LIFT LOBBY		HOCHIKI	D-EASC	19	
Type & Merk Bell		:	HOCHIKI	PPE-1(JE)	150	TITIK
Panel Utama Alarm		:	HOCHIKI	(FN-1024x/220V)	1	UNIT
Kabel			Voksel	FRC		
CCTV						
CCTV	Publik	:	IDIS	1/9"CMOS	128	TITIK
	Unit	:	N/A			TITIK
KABEL			voksel	AWG		
Building Automatic System						
BAS			-	-		POINT

6 PLUMBING									
EQUIPMENT UTAMA			MERK	TYPE	JUMLAH	KAPASITAS	SATUAN	DAYA	SATUAN
Kapasitas GWT	TOWER EKKI	:			1	69	M3		
Kapasitas RWT	TOWER EKKI				1	40	M3		
Kapasitas Reservoir Atas	TOWER EKKI	:	Multi wijaya Firbratek	Panel asembly	3	3X40	M3		
Kapasitas WTP	TOWER EKKI	:	PEVESA	sistim Filtrasi	1	51	M3		
Pompa WTP	TOWER EKKI		Ebara	sentrifugal end suction	2	51	m3 / jam	7,5	KW
Pompa Air Bersih	TOWER EKKI	:	Ebara	Multi stage	6	20	m3/jam	11	KW
Pompa Sumpit	TOWER EKKI	:	Ebara	submersible	5	12	m3/jam	0,4	KW
Pompa Grease Trap	TOWER EKKI	:	Ebara	submersible	3	3	M3 / jam	1,5	KW
PIPA	AB	:	WestFex	PPR	N/A	N/A			
	AK	:	Rucika,Wavin	PVC	N/A	N/A			
	ABK	:	Rucika,Wavin	PVC	N/A	N/A			
	ABD	:	Rucika,Wavin	PVC	N/A	N/A			
	AH	:	Rucika,Wavin	PVC	N/A	N/A			
	RISER AB	:	Spindo	PPR	N/A	N/A			
	R. POMPA AB	:	Spindo	Galvanized	N/A	N/A			
VALVE	R. POMPA AB		Kizt	Gate dan Butterfly					
PRV			Singer	reducing pressure		1			
STP	TOWER EKKI	:	Proses Tender	suspended araetion	1	410	m3 / Hari		
Ukuran Grease Trap	TOWER EKKI	:	P=4,2,L=1.4,T=1						
Ukuran Sumpit	TOWER EKKI	:	P=1,L=1,T=1						

6	FIRE FIGHTING								
	EQUIPMENT UTAMA			MERK	TYPE	JUMLAH	KAPASITAS (M3/H)/GPM	DAYA (KW)	
	Pompa Fire Fighting Tower EKKI	JOCKEY	:	SPP	Vertical Multi stage	1	25GPM	8	
		ELECTRIC	:	SPP	Horizontal split case	1	1000 GPM	202	
		Diesel	:	SPP	Horizontal split case	1	1000 GPM		
	Kapasitas Fire Tank	Tower EKKI		BETON		1	69	M3	
								K FACTOR	WARNA
	Springkler	UNIT STUDIO	:	Tyco	Side wall	4.380,00		5,60	Merah
		UNIT 2BR		Tyco	Side wall	2.754,00		5,60	Merah
		UNIT 3BR		Tyco	Side wall	2.352,00		5,60	Merah
		PUBLIK KORIDOR TIPIKAL		Tyco	Pendant	1.386,00		5,60	Merah
		AREA PUBLIK Lt.2		Tyco	Pendant	177,00			
		LIFT LOBBY		Tyco	pendant	150,00		5,60	Merah
		PARKIRAN	:	Tyco	up rigt	991,00		5,60	Merah
	BOX HIDRANT TOTAL			SRI	Type B	150			
	HYDRANT PILLAR			SRI	Type C	6			
	SEAMESE			SRI	Two Way	1			
	PIPA	FF RISER		SPINDO	Black steel				
		FF SETELAH PRV		SPINDO	Black steel				
	VALVE	R. POMPA		Kitz	Gate dan Butterly				
		INSTALASI		SPINDO	Black steel				
	MCV			Tyco	Control pressure with alarm gong				
	BCV			Tyco	Motorized c/w tamperswitc, supervo sory dan sigh glass				
	PRV			Singer	reducing pressure				
				MERK	TYPE	JUMLAH	KAPASITAS (CFM)	DAYA (KW)	
	Fan	SPF	:	Fanco	aksial	16	20000	11 KW	

7	VENTILATION & AIR CONDITION		MERK	TYPE	JUMLAH	KAPASITAS (Jumlah 1 Unit/ 1 Area)	SATUAN	DAYA	SATUAN
	Chiller	:	-	-	-	-	TR	-	KW
	Kapasitas Pompa Chiller	:	-	-	-	-	L/S	-	KW
	AHU/ FCU	:	-	-	-	-	BTUH	-	KW
	Cooling Tower	:	-	-	-	-	TR	-	KW
	AC Unit Total Living Room		N/A	-	-	-	BTUH		KW
	(ditulis tipe acnya, split, VRF, Atau FCU, AHU) Bed Room		N/A	-	-	-	BTUH		KW
	AC LOBBY LIFT		Panasonic	split duct,casset	5	12000	BTUH	2,6	KW
	Lobby UTAMA Tower EKKI		Panasonic	Split duct	3	76000	BTUH	0,9	KW
	R.Pengelola		Panasonic	Split wall	3	48000	BTUH	5,35	KW
	R.Fasilitas		Panasonic	Split wall	14	24000	BTUH	2,6	KW
REFRIGERANT			Kembla	preinsulated softann copper pair coils					
	Fan Toilet		Fanco	CEILING FAN		100	CFM	0,03	KW
	Fan IAF PARKIR	:	Fantech	Axial	6	70000	CFM	3	KW
	Fan EAF PARKIR	:	Fantech	Axial	2	70000	CFM	3	KW
	PIPA CHWS		N/A						
	CHWR		N/A						
	REFRIGERANT		N/A						

8	ELEVATOR & ESCALATOR			MERK	TYPE	JUMLAH	KAPASITAS (KG)	KAPASITAS (PERSON)	KECEPATAN (MPM)	DAYA (KVa)
	Elevator Penumpang	TOWER EKKI	:	Sigma	PASSENGER	7	4 lift (1600) dan 3 lift (1350)	4 lift (24 org)) dan 3 lift (16 org)	90	23,20
	Lift Barang	TOWER Balsa	:	Sigma	SERVICE	3	1600		90	27.2
	Escalator		:	-	-	-	-	-	-	-
	Kemiringan Escalator		:	-	-	-	-	-	-	-
	Ketinggian Escalator		:	-	-	-	-	-	-	-
	Travelator		:	-	-	-	-	-	-	-
	Kemiringan Travelator		:	-	-	-	-	-	-	-
	Ketinggian Travelator		:	-	-	-	-	-	-	-

9 GEN SET				MERK	TYPE	JUMLAH	KAPASITAS (KVA)	TOTAL
	Gen Set			Traknus	Stand by	2	500	1.000,00