

	Building Automatic System				
	BAS	HONEYWELL	-	301	POINT

6 PLUMBING											
EQUIPMENT UTAMA			MERK	TYPE	JUMLAH	KAPASITAS	SATUAN	DAYA	SATUAN	KETERANGAN	
Kapasitas Ground Reservoir		:	Beton		1	930	M3				
Kapasitas Reservoir Atas	Mall 1	:	N/A	-	-	-	-				
	Mall 2	:	N/A	-	-	-	-				
	Mall 3	:	N/A	-	-	-	-				
Kapasitas RWT			Beton	1	155	M3					
Kapasitas CWT			Beton	1	775	M3					
Kapasitas WTP		:	Beton	1	200	M3					
Pompa WTP	3&4		GRUNDFOS	SENTRIFUGAL END SUCTION	2	720	M3 / jam	2,2	KW		
	C&D		GRUNDFOS	SENTRIFUGAL END SUCTION	2	900	M3 / jam	1,5	KW		
Pompa Air Bersih		:	GRUNDFOS	BOOSTER PUMP	1 Unit	60	M3 / jam	15	KW		
Pompa Sumpit		:	GRUNDFOS	SUBMERSIBLE	16	12	M3 / jam	2,2	KW		
Pompa Grease Trap		:	GRUNDFOS	SUBMERSIBLE	8	12	M3 / jam	2,5	KW		
PIPA	AB	:	POLYTHERM	PPR PN10							Bila lebih dari 1 type rinci masing-masing type dan jumlahnya
	AK	:	VINILON	UPVC CLASS AW							
	ABK	:	VINILON	UPVC CLASS AW							
	ABD	:	XINXING	CIP							
	AH	:	VINILON	UPVC CLASS AW							
	RISER AB	:	POLYTHERM	PPR PN 16							
	R. POMPA AB	:	SPS	GIP MEDIUM BS 1387							
	VALVE	R. POMPA AB		SHOWA	Butterfly 16K						
PRV			CLAVAL	Gate 16K							
PRV			CLAVAL	PILOT CIRCUIT							
STP		:	Sentra Tri Sanita	EXTENDED AERATION	1	400	m3 / Hari				
			UKURAN								
Ukuran Grease Trap		:	5,2 m x 1,9 m x 1,8 m			8					
Ukuran Sumpit		:	1,9 m x 1,9 m x 1 m			16					

6 FIRE FIGHTING									
EQUIPMENT UTAMA			MERK	TYPE	JUMLAH	KAPASITAS (GPM)	DAYA (KW)		KETERANGAN
Pompa Fire Fighting I	JOCKEY	:	DUNAMIS	DUN 15-17	1	50	15		Bila lebih dari 1 type rinci masing-masing type dan jumlahnya
	ELECTRIC	:	DUNAMIS	HSC 8X6-370	1	1250	225		
	DIESEL	:	DUNAMIS	HSC 8X6-370	1	1250	-		
Kapasitas Fire Tank	I		Beton		1	284	M3		
			N/A	-	-	-	K FACTOR	WARNA	
Springkler	TENANT	:	VIKING	PENDAN	6730	12 KG/CM2	5,6	Merah	
	PUBLIK	:	VIKING	CEILING COUNCILE			5,6	Merah	
	TENANT LT GF		VIKING	CEILING COUNCILE	1346	12 KG/CM2	5,6	Merah	
	PUBLIK LT GF		VIKING	CEILING COUNCILE			5,6	Merah	
	TENANT METRO F1		VIKING	CEILING COUNCILE	344				
	PARKIRAN Total	:	VIKING	UPRIGHT	4060	12 KG/CM2	5,6	Merah	
	PARKIRAN lantai B1		VIKING	UPRIGHT	1356	13 KG/CM2	6,6	Merah	
BOX HIDRANT	Total		SRI	INDOOR TYPE B	92				
	Lantai dasar		SRI	INDOOR TYPE B	10				
HYDRANT PILLAR			SRI	HSRI-14AP	5				
SEAMESE			SRI	WALL SRI-7	2				
PIPA	FF RISER	:	SPS	SC 40					
	FF SETELAH PRV	:	SPS	MEDIUM					
VALVE	R. POMPA	:	SHOWA	20K GATE OSY					
	INSTALASI	:	SHOWA	16K GATE					
	PRV	:	SHOWA	16K GATE					
MCV		:	VICTAULIC		3				
BCV	CONTROL VALVE	:	VIKING	BVW-4	27				
	TEST AND DRAIN VALVE	:	VIKING	BH-7	27				
	FLOW SWITCH	:	VIKING	VSR-F0400, VSR-F0600	27				
PRV		:	CLAVAL	90G-21	28				
FAN			MERK	TYPE	JUMLAH	KAPASITAS (CFM)	DAYA (KW)		
	EF - SF		KRUGER	CENTRIFUGAL		20000 - 25000	11		
	EF - SF		KRUGER	AXIAL		17000	4		
	EF		KRUGER	WALL		2500	0,38		
	EF		KRUGER	INLINE		500	0,15		
		:	KRUGER	JETFAN		2500	0,37		

7 VENTILATION & AIR CONDITION			MERK	TYPE	JUMLAH	KAPASITAS (Jumlah 1 Unit/ 1 Area)	SATUAN	DAYA	SATUAN	KETERANGAN
Chiller		:	TRANE	TCVNG-1100	6	870	TR	438,2	KW	43079,52 39299,4 188,92 96,25 33,434 19826370 10.840.500,00
Kapasitas Pompa Chiller	Condenser Water Pump	:	GRUNDFOS	SENTRIFUGAL END SUCTION	7	2958	GPM	110	KW	
	Chilled Water Pump		GRUNDFOS	SENTRIFUGAL END SUCTION	7	2099	GPM	150	KW	
AHU		:	TRANE	LWHA-1134 ROW	176	244,77	BTUH	4	KW	
		:	TRANE	LWHA-0834 ROW	210	187,14	BTUH	3	KW	
		:	TRANE	LWHA-0434 ROW	2	94,46	BTUH	1,5	KW	
FCU		:	TRANE	HCCA-0143 ROW	2	48,125	BTUH	0,44	KW	
		:	TRANE	HCCA-0103 ROW	1	33,434	BTUH	0,29	KW	
	METRO	:	TRANE		9	2202930	BTUH			
FCU + AHU	Lantai Dasar		TRANE	-	47	10.840.500,00	BTUH	26,5	KW	
Cooling Tower	1200 TR	:	TRUWATER	TXS 1200-6SI	6	200	TR	33	KW	
TOTAL AC ALL						30.749.567,52				
REFRIGERANT										
	OAF PARKIR	:	KRUGER	CENTRIFUGAL FAN	10	42000	CMH	12	KW	

	Fan	EAF PARKIR	:	KRUGER	CENTRIFUGAL FAN	10	34000	CMH	9	KW	
		EAF TOILET		KRUGER	CENTRIFUGAL INLINE	2	2150	CMH	0,35	KW	
	PIPA	CHWS		SPS	MEDIUM						
		CHWR		SPS	MEDIUM						
		REFRIGERANT		MUELER	ASTM B280						

8	ELEVATOR & ESCALATOR			MERK	TYPE	JUMLAH	KAPASITAS (KG)	KAPASITAS (PERSON)	KECEPATAN (MPM)	DAYA (KW)	KETERANGAN	
	Low Zone Elevator (Service Lift)	MSL 05	:	SCHINDLER	SERVICE	1	1600	24	60	15	Bila lebih dari 1 type rinci masing-masing type dan jumlahnya	
		MSL 06		SCHINDLER	SERVICE	1	1600	24	60	15		
	High Zone Elevator	MPL 01	:	SCHINDLER	PASSENGER	1	1600	24	90	16		
		MPL 02	:	SCHINDLER	PASSENGER	1	1600	24	90	16		
		MPL 10	:	SCHINDLER	PASSENGER	1	1600	24	90	16		
		MPL 11		SCHINDLER	PASSENGER	1	1600	24	90	16		
	Service Lift	MSL 03	:	SCHINDLER	SERVICE	1	2000	29	60	16		
		MSL 04		SCHINDLER	CAR LIFT	1	4000	-	60	16		
		MSL 07		SCHINDLER	SERVICE	1	2000	29	60	17		
		MSL 08		SCHINDLER	SERVICE	1	2000	29	60	17		
		MSL 09		SCHINDLER	SERVICE	1	2000	29	60	15		
		MSL 12	:	SCHINDLER	SERVICE	1	2000	29	60	16		
	ESCALATOR					-	-	-	-	-		
	Ketinggian Escalator	3000mm	:	BSL	INDOOR	10	-	-	30	5,5		
	Kemiringan Escalator	30°	:	BSL	INDOOR	-	-	-	-	-		
	Ketinggian Escalator	6000mm	:	BSL	INDOOR	28	-	-	30	11		
	Kemiringan Escalator	30°	:	BSL	INDOOR	-	-	-	-	-		
	Ketinggian Escalator	6600mm	:	BSL	INDOOR	4	-	-	30	11		
	Kemiringan Escalator	30°	:	BSL	INDOOR	-	-	-	-	-		
	Ketinggian Escalator	7000mm	:	BSL	INDOOR	2	-	-	30	11		
	Kemiringan Escalator	30°	:	BSL	INDOOR	-	-	-	-	-		
	Ketinggian Escalator	9000mm	:	BSL	INDOOR	2	-	-	30	11		
	Kemiringan Escalator	30°	:	BSL	INDOOR	-	-	-	-	-		
	TRAVELATOR						-	-				
	Ketinggian Escalator	3000mm		BSL	INDOOR	6	-	-	30	5,5		
	Kemiringan Escalator	12°		BSL	INDOOR	-	-	-	-	-		
	Ketinggian Escalator	3600mm		BSL	INDOOR	2	-	-	30	5,5		
	Kemiringan Escalator	12°		BSL	INDOOR	-	-	-	-	-		
	Ketinggian Escalator	6600mm	:	BSL	INDOOR	2	-	-	30	11		
	Kemiringan Escalator	12°	:	BSL	INDOOR	-	-	-	-	-		

9	GENERATOR SET			MERK	TYPE	JUMLAH	KAPASITAS (KVA)	TOTAL	TOTAL	Bila lebih dari 1 type rinci masing-masing type dan jumlahnya	
	Generator Set	GENERATOR SET	:	PERKINS	PL2000P (PRIME)	5	2000	10000	11500		
		ENGINE		PERKINS	4016-G1TRG2	5	2000				
		ALTERNATOR		STAMFORD	P1734F	5	2000				
	Generator Set	GENERATOR SET	:	PERKINS	PL1500P (PRIME)	1	1500	1500			
		ENGINE		PERKINS	4012-46TAG2A	1	1500				
		ALTERNATOR		STAMFORD	P1734C	1	1500				