PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
PL	1,4	1	BAB	20	4.1	LANDSCAPE LIGHTS	2#10 TW-1/2" PVC	ON TC
	5,6				1.5	RECEPTACLES	2#12 TW-1/2"	W.G.F.I.
	7,8				1.5	POOL DECK LIGHTS	2#10 TW-1/2"	ON TC
	9				1.0	POOL LIGHT	3#12 TW-1/2" PVC	
	10				1.2	CHLORINATOR	2#12 TW-1/2"	
	11				1.0	POOL EQUIPT. RM LIGHTS & RECEPT.		
	12				1.0	SUMP PUMP		
	13,15	2			3.5	POOL PUMPS	2#10 TW-3/4"	
	14,16	2		30	4.5	HOT TUB EQUIPT.	3#8 TW-3/4" PVC	
	17	1		20	1.2	FANS & LTS. GAZEBOS	2#12 TW-1/2"	
	18				1.0	INNER COURT UNITERS	" "	
	19	3		30	11.5	HOT TUB		
	20							
	21							
					35.5	98.7 AMPS		

200A 3Ø 4W 120/208V NO. 2
FLUSH MTD. M.B.

GROUNDING AS PER N.E.C. 680

SEE SHEET PE-1 OF POOL PLANS FOR REVISED PANEL "PLR".

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
BL1	1-12	1	BAB	20	10.0	BALCONY LIGHTS	2#12 TW-1/2"	ON TIMERS
					10.0 →	27.7 AMPS		
BL2	1-12				10.0	BALCONY LIGHTS	2#12 TW-1/2"	ON TIMER
					10.0	27.7 AMPS		

100A 3Ø 4W 120/208V
FLUSH MTD. M.L.O. EACH

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
EM1	1-6	1	BAB	20	7.2	CORR. LIGHTING NORTH WING	2#12 TW-1/2"	ON TIMER
	7-9				3.0	PARKING SOUTH LIGHTING WING		" "
	10				2.5	LOBBY & PUMP RM. LGT.		
	11				8.3	METER RM. LGT. & RECEPT.		
	12				0.2	PUMP RM. RECEPT.		
	13				1.0	TV CAMERAS		
	14	1			1.0	TV CAMERAS, FUTURE	" "	
	15,17,19	3			2.1	UPPER PARKING GATE	3#12 TW-1/2"	
	16,18,20	3			2.1	LOWER PARKING GATE	" "	
	21,23	1			0.5	SECURITY PANEL	2#12 TW-1/2"	
	22,24,26				4.0	SUMP PUMPS		
	27				0.5	ELEV. PIT LIGHTS		
	28,29	1			0.7	TELE. BACKBOARD		UPPER LEVEL METER RM.
	30,32	2			0.5	FIRE ALARM PANEL		
	31,33	1			0.5	VOICE COMM. CONN.		
	34	1			1.0	PAT. TANK PUMP		
	35					BATT. CHARGER		
					25.7	71.5 AMPS		

100A 3Ø 4W 120/208V
FLUSH MTD. M.L.O.

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
EM2	1-6	1	BAB	20	7.2	CORR. LIGHTING NORTH WING	2#12 TW-1/2"	ON TIMER
	7-15				0.5	PARKIN LIGHTING WING		" "
	16				0.8	STAIR #3 LIGHTING		
	17				0.8	STAIR #2 LIGHTING		
	18				0.8	STAIR #1 LIGHTING		
	19,20				1.0	ELEV. RM. #1,2,3,4 LIGHTS & RECEPTACLES		
	21,22				0.7	ELEV. RM. LIGHTS & OBSTRUCTION LIGHTS		
	23,24				1.4	METER RM. LGT. & RECEPT.		
	25				0.4	TELE. BACKBOARD		5TH FL.
					11.6	51.2.8 AMPS		

60A 3Ø 4W 120/208V
FLUSH MTD. M.L.O.

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
L1	1,2	1	BAB	20	2.4	LOWER PARKING LEVEL LIGHTING SOUTH	2#12 TW-1/2"	ON TIMER
	3,4				2.4	UPPER PARKING LEVEL LIGHTING "	"	ON TIMER
	5				0.3	ELEV. LOBBY LGT.		
	6-8				3.3	LOWER LEVEL TENANT STOR.		
	9				0.5	UPPER LEVEL TENANT STOR.		
	10,11				2.1	LOBBY LIGHTS.		
	12				0.3	HOUSE STOR. LIGHTS		
	13				0.9	PORTE COCHERE LIGHTS		ON TIMER
	14-16				3.6	SITE LIGHTING		ON TIMER
	17				0.5	SIGNS		
	18,19				2.0	LANDSCAPE LIGHTING		
	20,21				1.7	LOBBY LIGHTS		
	22				0.0	SPARE		
	23				1.0	SPARE		
	24,26,28	1			0.0	SPACE		
	25,27	1	BAB	20	0.0	SPACE		
					20.0	55.6 AMPS		

200A 3Ø 4W 120/208V
FLUSH MTD. M.L.O.

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
LZ	1-7	1	BAB	20	5.0	CORR. LIGHTS NORTH WING	2#12 TW-1/2"	ON TIMER
	8-17				7.0	PARKIN LIGHTS NORTH WING		ON TIMER
	18-23				4.3	RECEPTACLES		
	24				0.7	TRASH RM. LIGHTS		
	25-30				0.0	SPARE		
	31,33	2	BAB	20	1.5	EWH		
					18.5	51.4 AMPS		

100A 3Ø 4W 120/208V
FLUSH MTD. M.L.O.

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
FL	1-4	1	BAB	20	1.7	EXH. FANS ELEV. RMS.	2#12 TW-1/2"	
	5				1.0	TV ANTENNA AMP.		
	6,7				1.9	ROOF RECEPTACLES		
					4.6	12.79 AMPS		

60A 3Ø 4W 120/208
FLUSH MTD. M.L.O.

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
L	1,3	2	BAB	60	9.9	LOBBY AC	3#6 THW-1"	
	2,4-12	1		20	3.2	LIGHTS & RECEPT.'S	2#12 TW-1/2"	
					13.2 →	63.5 AMPS		

100A 1Ø 3W 120/208V
M.L.O. FLUSH

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE-CONDUIT	NOTES
J	1,3,5	3	BAB	100	27.1	PANEL A/C	4#3 THW-1 1/4"	

125A 3Ø 4W
M.L.O.

SEE SHEET E-1 OF SMOKE TOWER PLAN FOR REVISED PANEL "J".

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
CP	1,3,5	3	BAB	30	4.3	DUPLEX DRAINAGE PUMPS	4#12 THW-3/4"	(2) 1/2 H.P. #1
	2,4,6			80	2.7	PANEL EM1	4#3 THW-3/4"	
	7,9,11			60	12.6	PANEL EM2	4#6 THW-1"	
	8,10,12			100	23.2	HOUSE PUMPS	3#3/0 THW	(2) 10 H.P.
	13,15,17			175	16.0	ELEV. #1,2,3,4	3-4/0, 1-2/0 AL THW	
	14,16,18	3	BAB	30	4.3	DUPLEX DRAINAGE PUMPS	4#12 THW-3/4"	(2) 1/2 H.P. #2
					112.5	347.3 AMPS	2X4-250 AL 2 1/2	

200A 3Ø 4W
M.L.O.
FLUSH

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
A/C	1,3,5	3	BAB	50	9	EF #1	4#8 TW-3/4"	
	2,4-6,8	2		30	6	2,3	2#12 TW-1/2"	
	7,9-11,12	2		30	6	4,5	" "	
	11	1		15	1	6	2#14 TW-1/2"	W/ LIGHTS
	13,15-16,18	2		20	1.5	8,9	2#12 TW-1/2"	
	17,19	2		30	4.6	7	" "	
					27.1	75.5 AMPS		

100A 3Ø 4W 120/208V
FLUSH MTD.

SEE A/C DRAWINGS FOR FAN LOCATIONS. PROVIDE DISCONNECT.

PANEL DATA	CIRCUIT No.	POLE	C.B.	TRIP	KW LOAD	LOAD DESCRIPTION	WIRE & CONDUIT	NOTES
P	1,3	2	BAB	20	12.2	H.P. L	3#4 THW-1"	
	2,4	2		20	1.5	LOBBY E.W.H.	2#12 TW-1/2"	
	5,6	1			1.6	LOBBY EXT. LTS.		
	7,8	1			0.9	GARAGE RECEPT.		
	9,11	2			3.3	TRASH COMPACTOR		
	10,12,14	3		70	12.2	PANEL L2	4#4 THW-1 1/4"	
	13	1		20	1.0	SPARE	2#12 TW-1/2"	
	16	2			1.0	SPARE		
	15,17,19	3		125	29.9	PANEL J	4#1 THW-1 1/2"	
	18,20,22	3		45	26.0	PANEL PLR	4#2 THW-2"	
	21,23,25			70	24.0	PANEL L1	4#4 THW-2"	
	24,26,28			30	4.6	PANEL FL	4#10 TW-1/2"	
	27,29,31	3	BAB	70	10.0	PANEL BL1	4#6 THW-1 1/4"	ON TIMER
	30,32,34	3	BAB	40	10.0	BL2	4#8 TW-1"	" "
					151.5 →	421.2 AMPS		

600A 3Ø 4W 120/208V
FLUSH MTD. M.L.O.

Eugenio Espiciaga 2/3/88

R. WM. CLAYTON JR. ARCHITECT
1995 EAST OAKLAND PARK BLVD. FT. LAUDERDALE, FLA.
E & E CONSULTING ENGINEERS
2701 EAST SUNRISE BLVD. FT. LAUDERDALE, FLA.

OVERLOOK CONDOMINIUM

ELECTRICAL PANELS

DRAWN BY: C.K.
JOB NO: 8101
DATE: 8-12-81
REVISIONS: 6-11-84
2-7-86
7-8-88

SHEET: E8