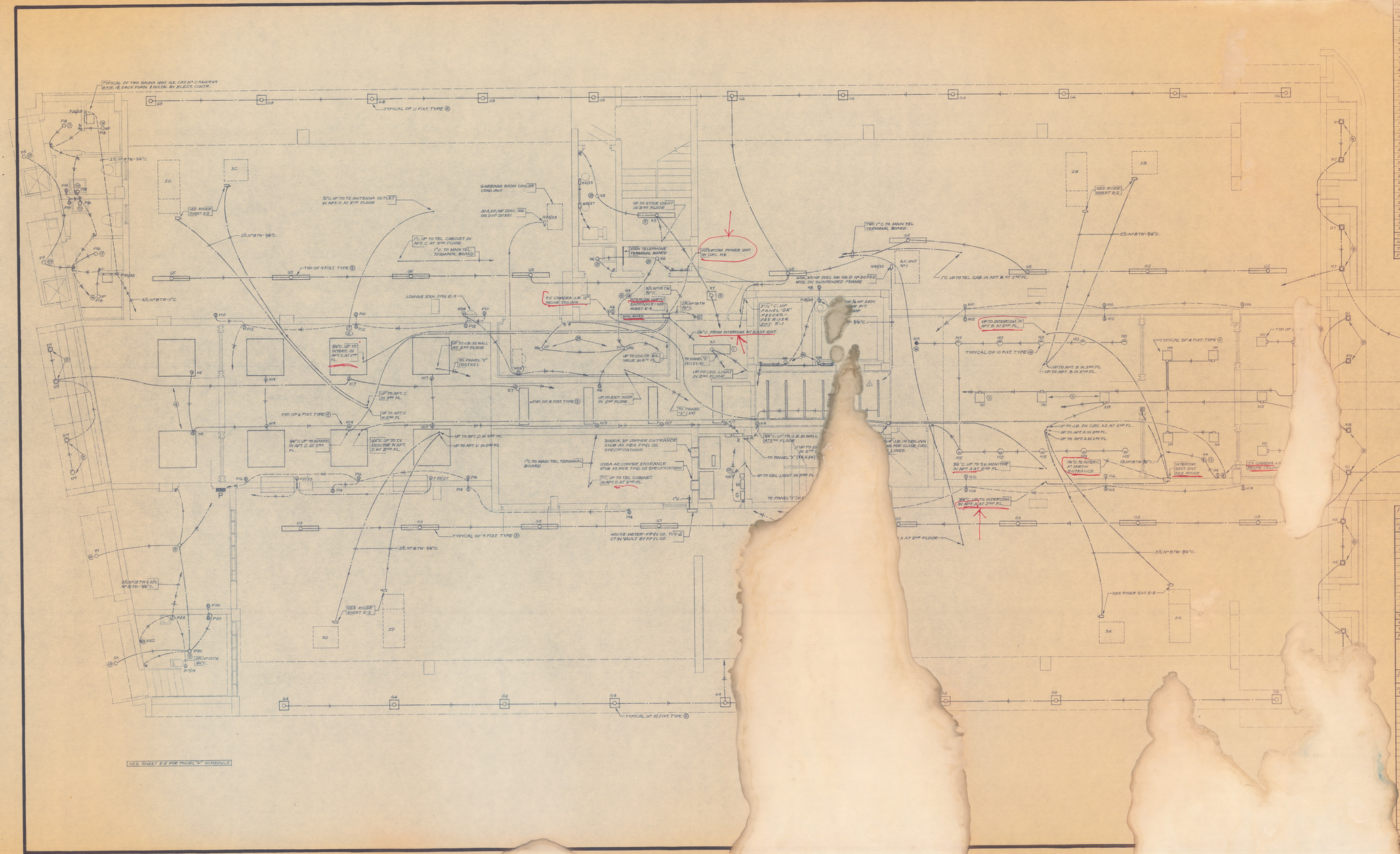

PANEL "N" - 1Ø, 3W, 120/240V - 125A - 56.D QO LOAD CENTER

CIRC. Nº	BREAK.	NOTE	USE	WATTS			
1	1-20	12	ENTRANCE CANOPY LIGHTS	600			
2			PORCH LIGHTS	400			
3			ENTRANCE CANOPY LIGHTS		400		
4			NORTH & EAST ENT. T.V. CAMERAS, LIGHTS, INTERCOM POWER UNIT		720		
5			PLANT LIGHTS	400			
6			RECEP., JANITOR & GARBAGE ROOM LIGHTS	450			
7			PLANT LIGHTS		400		
8			ELEV. PIT LIGHTS & PARKING AREA RECEPT.		400		
9			ENTRANCE WEST LIGHTS	800			
10			PARKING AREA RECEPT. (N.E.)	1240			
11			ENTRY & LOBBY LIGHTS		1150		
12			LOBBY RECEPT. (NORTH WALL)		1200		
13			LOBBY WALL SCONCES	750			
14			PARKING AREA RECEPT. (S.E.)	1200			
15			LOBBY WALL WASHER		750		
16			LOBBY RECEPT. (SOUTH WALL)		1240		
17	1		LOUNGE & CORRIDOR LIGHTS	700		—	
18	2-20		ELEVATOR PIT SUMP PUMP - 1/2 HP, 1Ø, 240V	—			4.9
19	1-20		LOUNGE LIGHTS		600	—	
20	—		USE w/18 FOR 2 POLE			—	4.9
21	2-20		HOUSE PUMP - 2 HP, 1Ø, 240V				12.0
22	2-20		GARBAGE ROOM COOLER COND. UNIT	—			6.9
23	—		USE w/21 FOR 2 POLE	—			12.0
24	—		USE w/22 FOR 2 POLE	—		—	6.9
25	2-20		HOUSE PUMP - 2 HP, 1Ø, 240V	—			12.0
26	1-20		GARBAGE ROOM COIL FAN RECEPT.	74		—	
27	—		USE w/26 FOR 2 POLE			—	
28	1-20	1	LOUNGE EXH. FAN E-9			—	1.6
29	2-70	4 TPW	PANEL "G" FEEDER	—			48.0
30	2-40	8 TPW	A.C. UNIT Nº 1	—			22.0
31	—	4 TPW	USE w/29 FOR 2 POLE			—	44.0
32	—	8 TPW	USE w/30 FOR 2 POLE				22.0
TOTAL PER BUS				5916	5269	111.4	108.7
WATTS TO AMPS PER BUS						57.7	60.4
TOTAL AMPS PER BUS						169.1	168.1

FEEDER: 3/0, Nº 4 THW - 2 1/2"C.

PANEL "S" - 1Ø, 3W, 120/240V - 125A - 56.D QO LOAD CENTER CAT. Nº Q012 M L.O. SURFACE MTD.

CIRC. Nº	BREAK.	NOTE	USE	WATTS A	WATTS B	AMPS A	AMPS B
1	1-20	12	ENTRANCE CANOPY LIGHTS	400			
2			PARKING AREA (S.E.) INC. LIGHTS	1000			
3			PARKING AREA (SOUTH) FLOOR LIGHTS		900		
4			PARKING AREA (S.W.) INC. LIGHTS		1080		
5			PARKING AREA (NORTH) FLOOR LIGHTS	900			
6			PARKING AREA (N.E.) INC. LIGHTS	1200			
7			ENTRANCE SIGN & DRIVE LIGHTS		580		
8			PARKING AREA (N.W.) INC. LIGHTS		1080		
9			FRONT PARKING LIGHT & PLANT RECEPT. (N)	750			
10			SPARE	1200			
11			FRONT PARKING LIGHT & PLANT RECEPT. (S)		750		
12	1	1	SPARE		1200		
TOTAL PER BUS				4950	6330		
WATTS TO AMPS PER BUS						41.4	44.0
TOTAL AMPS PER BUS						85.4	44.0

FEEDER: 3/0, Nº 4 THW - 1 1/2"C. (CIRC. 29/31 OF PANEL "N")

EMERGENCY PANEL "X" - 1Ø, 3W, 120/240V - 125A - 56.D QO LOAD CENTER CAT. Nº Q0206P - SURF. MTD. 200A, 3P, FILLER NF BRKS. PANEL 1 PH 1150

CIRC. Nº	BREAK.	NOTE	USE	WATTS A	WATTS B
1	1-20	12	STAIR Nº1 (1TH & 7TH FL.) LIGHTS & EXIT SIGNS	700	
2			CORRIDOR EAST LUM. CEILING (ALL FLOORS)	1150	
3			STAIR Nº1 (6TH TO 7TH) LIGHTS & EXIT SIGNS		250
4			CORRIDOR CENTRAL LUM. CEILING (1ST & 2ND FLOORS)		720
5			STAIR Nº2 (ALL FLOORS) & PUMP ROOM LIGHTS	1200	
6			CORRIDOR CENTRAL LUM. CEILING (3RD & 4TH & 5TH FLOORS)	1080	
7			STAIR Nº4 WEST LIGHTS		1200
8			CORRIDOR CENTRAL LUM. CEILING (6TH, 7TH & 8TH FLOORS)		1080
9			STAIR Nº2 EXIT SIGNS	700	
10			CORRIDOR WEST LUM. CEILING (ALL FLOORS)	1140	
11			SURFACE WALL LIGHTS (1ST TO 4TH FLOORS)		800
12			ROOF OVERHANG LIGHTS		700
13			SERVICE HALL LIGHTS (5TH, 6TH & 7TH FLOORS)	800	
14			ELEVATOR & BOILER ROOM LIGHTS	600	
15			LOBBY & EAST ENTRANCE LIGHTS		750
16			A.C. EQUIP. ROOM & 7TH & 8TH & 1ST FLOOR ELECT. ROOM LIGHTS		850
17	1		LOUNGE & CORRIDOR LIGHTS	800	
18	—		SPARE	1200	
19		12	PORCH OVERHANG LIGHTS		700
20	1	—	SPARE		1200
TOTAL WATTS PER BUS				8710	8870
FEEDER: 3/0, Nº 1 THW - 2 1/2" - CONN. ABOVE OF MAINS.			WATTS TO AMPS 120V	72.5	73.9

REIFF ASSOCIATES DON REIFF · ARCHITECT
JOSEPH REIFF · ENGINEER
ARCHITECTS — ENGINEERS NORTH MIAMI BEACH, FLORIDA

1ST FLOOR ELECTRICAL PLAN

THE ASHLEY
CONDOMINIUM APT. BLDG.
5640 COLLINS AVE. MIAMI BCH.

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