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PROJECT NORTH
MAG NORTH

PROJECT TITLE: THE MILESTONE FOUNDATION
INDIA STREET, PORTLAND
CURRENT ISSUE STATUS: ISSUED FOR CONSTRUCTION
4-11-03

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	4-11-03

GRAPHIC SCALE:
0" 1"

SCALE: NONE
PROJECT MANAGER: JLH
JC/DRAWN BY: RJL/LAM
A/E OF RECORD: DJT
SMRT CAD FILE: EP601-03017
PROJECT NO: 03017
DATE: 4-11-03

SHEET TITLE:

ONE-LINE DIAGRAM
AND
PANEL SCHEDULES

SHEET No.
EP601

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A B C			BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY						
	A	B	C			A	B	C												
(1) LIGHTS	1.0			1	20				20	2	1.4			SECOND FLOOR LIGHTING						
(1) COPPIER RECEIPT		0.2		3	20				20	4	1.0			SECOND FLOOR LIGHTING						
RECEPTS OFFICE 216/TOILET			0.9	5	20				20	6		1.0		AC RECEPT RM. 5						
(1) LIGHTING	1.0			7	20				20	8	1.0			OFFICE OUTLETS						
(1) RECEPTS OFFICE 206		1.0		9	20				20	10		1.0		OFFICE OUTLETS						
RECEPTS LOUNGE/CORRIDOR			1.1	11	20				20	12		1.0		AC RECEPT OFFICE 206						
(1) NIGHT LIGHTS	1.0			13	20				20	14	0.2			KITCHEN RECEPT						
RECEPTS RMS 207-209, ST2-2		0.9		15	20				20	16				SPARE						
DISHWASHER			3.1	17	20				20	18				SPARE						
RANGE HOOD		1.0		21	20				20	22		1.0		AC RECEPT COLEEN OFFICE						
KITCHEN RECEPTS			0.9	23	20				20	24				SPACE						
KITCHEN RECEPTS	0.6			25	20				20	26				SPACE						
GARBAGE DISPOSAL		1.0		27	20				20	28				SPACE						
CABINET UNIT HEATER			0.2	29	20				20	30				SPACE						
SUB-TOTAL											2.6	3.0	2.0	SUB-TOTAL						
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 100 AMP BUS											TOTAL kVA A			9.3			PANEL NO.		NEW P-1	
MAIN LUGS ONLY 100 AMP LUGS											TOTAL kVA B			7.1			LOCATION		HALL 203	
MOUNTING: RECESSED											TOTAL kVA C			8.2						
SC RATING: 10,000 AIC											TOTAL kVA			24.6						
NOTES: (1) ASSUMED LOAD DATA FOR EXISTING CIRCUIT																				

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A B C			BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY						
	A	B	C			A	B	C												
(2) RM 322 RECEPTS & LTG.	1.0			1	20				20	2	1.3			RM 301 RECEPTS & LTG. (2)						
(2) RM 315 RECEPTS & LTG.		1.5		3	20				20	4		1.1		RM 302 RECEPTS & LTG. (2)						
(2) RM 302 RECEPTS & LTG.			1.0	5	20				20	6		0.9		RM 303 RECEPTS & LTG. (2)						
(2) RM 307 RECEPTS & LTG.	1.0			7	20				20	8	0.7			EXHAUST FAN EF-2						
RECEPTS RM 316		0.8		9	20				20	10		0.9		RECEPTS RMS. 304-306, 308, ST1-3						
RECEPTS RMS. 313, ST2-3			0.8	11	20				20	12		1.7		THIRD FLOOR LIGHTING						
RECEPTS RM 314	0.8			13	20				20	14				SPARE						
RECEPTS RMS 309, 311		0.8		15	20				20	16				SPARE						
ROOF RECEPT			0.2	17	20				20	18				SPARE						
(3) RTU-1	2.40			19	20				20	20	2.40									
(3) RTU-1		2.40		21	30				30	22		2.40		RTU-2 (3)						
(3) RTU-1			2.40	23	30				30	24		2.40								
SUB-TOTAL											4.4	4.4	5.0	SUB-TOTAL						
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 100 AMP BUS											TOTAL kVA A			8.6			PANEL NO.		P-3	
MAIN LUGS ONLY 100 AMP LUGS											TOTAL kVA B			9.9			LOCATION		THIRD FLOOR	
MOUNTING: SURFACE											TOTAL kVA C			9.4						
SC RATING: 10,000											TOTAL kVA			27.9						
NOTES: 1. RELOCATE PANELBOARD P-1 FROM SECOND FLOOR AND RE-FEED FROM MDP. ALL BREAKERS ARE EXISTING UNLESS OTHERWISE NOTED. (2) PROVIDE NEW ARC FAULT CIRCUIT BREAKER SIZED AS INDICATED (3) PROVIDE NEW CIRCUIT BREAKER SIZED AS INDICATED																				

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A B C			BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY						
	A	B	C			A	B	C												
(1) SHELTER LTG.	1.8			1	20				125	2	7.1			ELEVATOR 20 HP (3)						
(1) THIRD FLOOR PANEL P-3		9.3		3	100				6	4		7.1								
SPARE	9.3			5	100				20	8	1.8			NURSES STATION RECEPT (2)						
SPARE				7	20				20	10		1.8		ANN'S OFFICE RECEPTS (1)						
SPARE				9	20				20	12		1.8		ANN'S COMPUTER RECEPT (1)						
SPARE				11	20				20	14	1.8			GAS DRYER (1)						
SPARE				13	20				20	16		1.8		WASHER (1)						
(1) BOILER		1.8		15	20				20	18		1.8		MEDICATION RM RECEPT (1)						
(1) SHELTER DESK "BUTCH"	1.8			17	20				20	20	0.5			ELEVATOR CAB LTG (1)						
(1) SHELTER BACK DESK		1.8		19	20				20	22		0.4		RECEPTS ELEVATOR PIT/MACHINE RM.						
RECEPTS LAUNDRY/DINING			1.3	21	20				20	24		1.8		BATHROOM (1)						
(1) PHONE SYSTEM	1.8			23	20				20	26	0.6			EF-1, CUH-1						
RECEPTS DINNING/OFFICE		0.9		25	20				20	28		1.0		REFRIG. KITCHENETTE						
(1) RECEPTS		1.8		27	20				20	30		1.8		AC RECEPT. SHELTER (1)						
(1) SECOND FLR SUB-PANEL	8.1			29	20				20	32	0.8			RECEPTS KITCHENETTE						
(1) SHELTER RECEPTS		8.1		31	20				20	34		1.0		DISHWASHER KITCHENETTE						
(1) FIRE ALARM			8.1	33	100				20	36		1.8								
ELEVATOR SUMP PUMP (1/2 HP)	1.8			35	20				20	38	1.8			WASHING MACHINE (1)						
(1) ELEVATOR SUMP PUMP (1/2 HP)		1.0		37	20				20	40		1.8								
(1) ELEVATOR SUMP PUMP (1/2 HP)			1.1	39	20				20	42		1.6		LIGHTING FIRST FLOOR (1)						
(1) ELEVATOR SUMP PUMP (1/2 HP)			1.1	41	20				20	44		1.6								
SUB-TOTAL											14.4	14.9	16.7	SUB-TOTAL						
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 400 AMP BUS											TOTAL kVA A			39.0			PANEL NO.		EXIST. MDP	
MAIN BREAKER: (1) 400 AMP TRIP											TOTAL kVA B			36.0			LOCATION		ROOM 100	
MOUNTING: SURFACE											TOTAL kVA C			40.1						
SC RATING: 10,000											TOTAL kVA			115.1						
NOTES: (1) ASSUMED DATA FOR EXISTING BREAKERS & LOADS (2) REMOVE WIRING FROM EXISTING CKT #6 AND CONNECT TO CKT #8 (3) REPLACE EXISTING CIRCUIT BREAKERS WITH NEW BREAKER SIZED AS INDICATED																				