

Panel No: HP2

Mains Rating: 150 A
A.I.C. Rating: 22kA
Volts: 480/277 Wye
Service: 3Phase,4Wires

Location: LEVEL 2/ELECTRIC ROOM E225
Mounting: Surface
Mains Type: EXISTING PANEL
Enclosure: Indoor

Wire Size	Cond.	Load Name	Trip	Poles	CKT	ØA	ØB	ØC	ØA	ØB	ØC	CKT	Poles	Trip	Load Name	Cond.	Wire Size	
3-#1, 1-#1, 1-#6		TRANSFORMER - T2	100 A	3	1	28083 VA			2415 VA				2	1	20 A	LTS CATARACT WAITING 205		1-#6, 1-#6, 1-#6
				3			28062 VA		2309 VA				4	1	20 A	LTS CIRCULATION 220		1-#4, 1-#4, 1-#4
				5			23095 VA		2264 VA				6	1	20 A	LTS STAFF LOUNGE 266		1-#6, 1-#6, 1-#6

Total Load: 30498 VA 30371 VA 25360 VA
Total Connected Load: 86395 VA
Total Conn. Current: 104 A
Total Est. Demand: 60705 VA
Total Est. Demand Current: 73 A

Panel No: P2B

Mains Rating: 225 A
A.I.C. Rating: 22kA
Volts: 120/208 Wye
Service: 3Phase,4Wires

Location: LEVEL 2/ELECTRIC ROOM E225
Mounting: Surface
Mains Type: MAIN BREAKER FED FROM T2
Enclosure: Indoor

Wire Size	Cond.	Load Name	Trip	Poles	CKT	ØA	ØB	ØC	ØA	ØB	ØC	CKT	Poles	Trip	Load Name	Cond.	Wire Size	
1-#12, 1-#12, 1-#12		RECP PHOTO - N.M. 218	20 A	1	1	720 VA			720 VA				2	1	20 A	RECP OCT 219		1-#12, 1-#12, 1-#12
		RECP PHOTO OFF. 217	20 A	1	3	900 VA			720 VA				4	1	20 A	RECP Room 216, 220		1-#12, 1-#12, 1-#12

Total Load: 5040 VA 3600 VA 3240 VA
Total Connected Load: 11880 VA
Total Conn. Current: 33 A
Total Est. Demand: 10940 VA
Total Est. Demand Current: 30 A

Panel No: P2

Mains Rating: 225 A
A.I.C. Rating: 10kA
Volts: 120/208 Wye
Service: 3Phase,4Wires

Location: LEVEL 2/ELECTRIC ROOM E225
Mounting: Surface
Mains Type: EXISTING PANEL
Enclosure: Indoor

Wire Size	Cond.	Load Name	Trip	Poles	CKT	ØA	ØB	ØC	ØA	ØB	ØC	CKT	Poles	Trip	Load Name	Cond.	Wire Size	
1-#12, 1-#12, 1-#12		RECP EXAM 207	20 A	1	1	1080 VA			1080 VA				2	1	20 A	RECP EXAM 208		1-#12, 1-#12, 1-#12
		RECP EXAM 209	20 A	1	3		1080 VA		1080 VA				4	1	20 A	RECP EXAM 210		1-#10, 1-#10, 1-#10

Total Load: 10788 VA 11007 VA 9835 VA
Total Connected Load: 31630 VA
Total Conn. Current: 88 A
Total Est. Demand: 23580 VA
Total Est. Demand Current: 65 A

Panel No: MECR2

Mains Rating: 225 A
A.I.C. Rating: 22kA
Volts: 120/208 Wye
Service: 3Phase,4Wires

Location: LEVEL 1/EMERG. ELEC. 122B
Mounting: Surface
Mains Type: MLO
Enclosure: Indoor

Notes: FED FROM MECR1 WITH FEED THRU LUGS IN MECR1

Wire Size	Cond.	Load Name	Trip	Poles	CKT	ØA	ØB	ØC	ØA	ØB	ØC	CKT	Poles	Trip	Load Name	Cond.	Wire Size	
		Spare	20 A	1	1	0 VA			0 VA				2	1	20 A	Spare		
		Spare	20 A	1	3		0 VA		0 VA				4	1	20 A	Spare		

Total Load: 0 VA 0 VA 0 VA
Total Connected Load: 0 VA
Total Conn. Current: 0 A
Total Est. Demand: 0 VA
Total Est. Demand Current: 0 A

Panel No: P2A

Mains Rating: 225 A
A.I.C. Rating: 10k
Volts: 120/208 Wye
Service: 3Phase,4Wires

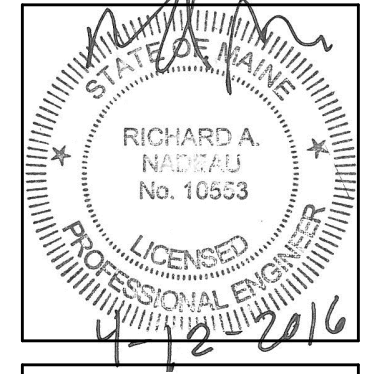
Location: LEVEL 2/ELECTRIC ROOM E225
Mounting: Surface
Mains Type: MAIN LUGS ONLY
Enclosure: Indoor

Notes: EXISTING PANEL WITH MAIN LUGS ONLY

Wire Size	Cond.	Load Name	Trip	Poles	CKT	ØA	ØB	ØC	ØA	ØB	ØC	CKT	Poles	Trip	Load Name	Cond.	Wire Size	
1-#12, 1-#12, 1-#12		RECP RECEPTION 201	20 A	1	1	720 VA			1080 VA				2	1	20 A	RECP RECEPTION 201		1-#12, 1-#12, 1-#12
		RECP ELEV. LOBBY 200	20 A	1	3		540 VA		720 VA				4	1	20 A	RECP Room 201A, 203, 202		1-#12, 1-#12, 1-#12

Total Load: 14055 VA 12015 VA 9660 VA
Total Connected Load: 35730 VA
Total Conn. Current: 99 A
Total Est. Demand: 28030 VA
Total Est. Demand Current: 81 A

No.	Date	Description
		Revision Schedule



JOB NO:
195210863

DRWN: CHK,
Author Checker

SCALE:

ISSUE:
PERMIT SET - 95%
CONSTRUCTION
DOCUMENTS

04.12.16

TITLE:
ELECTRICAL
SCHEDULES

SHEET
E603

