

SQUARE D NQ

WITH GRD. BAR & 100% RATED NEUTRAL				A/C RATING		10,000	
PANEL	'P'	MAINS	225A MLO	ø 3	WIRES	POLES	54
VOLTS	120/208	MOUNTING		SURFACE		LOCATION	STAGE 164A
REMARKS AND LOCATION	LOAD	BKR	CKT	CKT	BKR	LOAD	REMARKS AND LOCATION
RECPT'S CHORUS	900	20	1	2	20	900	RECPT'S CHORUS
RECPT'S CHORUS	900	20	3	4	20	720	RECPT'S CHORUS
RECPT'S CHORUS	540	20	5	6	20	800	STAGE PROJECTION SCREEN
EXISTING LOAD	-	20	7	8	20	-	EXISTING LOAD
EXISTING LOAD	-	20	9	10	20	-	EXISTING LOAD
EXISTING LOAD	-	20	11	12	20	-	EXISTING LOAD
RECPT'S STAGE	360	20	13	14	20	360	RECPT'S STAGE FACE
EXISTING LOAD	-	20	15	16	20	-	EXISTING LOAD
RECPT'S STAGE BACKDROP	360	20	17	18	20	-	EXISTING LOAD
EXISTING LOAD	-	20	19	20	20	-	EXISTING LOAD
SPARE	-	15	21	22	20	-	SPARE
	-	23	23	24	20	-	EXISTING LOAD
	-	3	25	26	20	-	EXISTING LOAD
SPARE	-	20	27	28	20	-	EXISTING LOAD
SPARE	-	20	29	30	20	400	CH-1 & CH-3
EXISTING LOAD	-	20	31	32	20	500	RECPT. EWC
EXISTING LOAD	-	20	33	34	20	-	EXISTING LOAD
EXISTING LOAD	-	20	35	36	20	-	SPARE
UH-2 STORAGE	520	20	37	38	20	-	
CH-5 CORRIDOR	400	20	39	40	20	3	
SPARE	-	20	41	42	20	-	SPARE
RECPT'S RESTROOM, JANITOR	618	20	43	44	20	-	SPARE
SPARE	-	20	45	46	20	-	SPARE
SPARE	-	20	47	48	20	-	SPARE
SPARE	-	20	49	50	20	-	SPARE
SPARE	-	20	51	52	20	-	SPARE
SPARE	-	20	53	54	20	-	SPARE

- BRANCH CIRCUIT EXTENDED FROM EXISTING PANEL 'P' BEING REMOVED. SPLICE WITH NEW WIRING (TO MATCH EXISTING) AND CONNECT IN THIS NEW PANEL.

SQUARE D NF

WITH GRD. BAR & 100% RATED NEUTRAL				AC RATING				14,000		
PANEL	'DHA'	MAINS	250A MLO	ø 3		WIRES	4	POLES	30	
VOLTS		277/480		MOUNTING		SURFACE		LOCATION		
								RECEIVING 161AB		
REMARKS AND LOCATION				LOAD	BKR	CKT	CKT	BKR	LOAD	REMARKS AND LOCATION
CW PUMP P-2B				43160	90	1	2	90	43160	CW PUMP P-2A
					3	3	5	4		
SPARE				-	20	7	8	20	-	SPARE
SPARE				-	20	9	10	20	-	SPARE
SPARE				-	20	11	12	20	-	SPARE
SPACE						13	14	20	-	SPARE
SPACE						15	16	18		
SPACE						17	18	20	3	
SPACE						19	20			SPACE
SPACE						21	22			SPACE
SPACE						23	24			SPACE
SPACE						25	26			SPACE
SPACE						27	28			SPACE
SPACE						29	30			SPACE

PROVIDE 200A-3P MECH. HLD CONTACTOR WITH 2-WIRE INTERFACE WIRED FOR NORMALLY CLOSED OPERATION. MOUNT CONTACTOR ABOVE OR ADJACENT TO PANEL AND ROUTE PANEL FEEDER THROUGH THE CONTACTOR FOR KITCHEN HOOD ANSUL SYSTEM SHUTDOWN OPERATION.

SQUARE D NQ

WITH GRD. BAR & 100% RATED NEUTRAL				A/C RATING		10,000	
PANEL	KPC	MAINS	225A MLO	ø	3	WIRES	POLES
VOLTS	120/208	MOUNTING		SURFACE		LOCATION	DRY STORAGE 167DA
REMARKS AND LOCATION				LOAD	BKR	CKT	
COMBI-OVEN/STEAMER				1500	20	1	
CONVECTION OVEN				920	20	3	
CONVECTION OVEN				920	20	5	
PLANETARY MIXER				1500	20	7	
TILTING BRAISING PAN				1080	20	9	
COUNTERTOP OVEN				4000	30	11	
SPARE				-	20	15	
EXISTING UDS RECPT'S				360	20	17	
SPARE				-	20	19	
SPARE				-	20	21	
SPACE						23	
SPACE						25	
SPACE						27	
SPACE						29	

SQUARE D NQ

WITH GRD. BAR & 100% RATED NEUTRAL				A/C RATING				10,000	
PANEL	'BR'	MAINS	100A MLO	ø	3	WIRES	4	POLES	30
VOLTS	120/208		MOUNTING		SURFACE		LOCATION		BOILER HOUSE SMALL ROOM 502
REMARKS AND LOCATION			LOAD	BKR	CKT	CKT	BKR	LOAD	REMARKS AND LOCATION
UH-1 BOILER ROOM			300	20	1	2	20	300	GEN. BATTERY CHARGER RECPT.
UH-1 BOILER ROOM			300	20	3	4	20	2000	GEN. BLOCK HEATER RECPT.
CONCESSION STAND PANEL			-	60	5	6	2		
				2	7	8	20	200	ATC PANEL
TICKET BOOTH POWER			-	20	9	10	20	474	EF-19 (ROOF) & EF-20 (ROOF)
SPARE			-	20	11	12	20	1200	EF-21 (ROOF)
SPARE			-	20	13	14	20	-	SPARE
SPARE			-	20	15	16	20	-	SPARE
SPARE			-	20	17	18	20	-	SPARE
SPACE					19	20	20	-	SPACE
SPACE					21	22	20	-	SPACE
SPACE					23	24	20	-	SPACE
SPACE					25	26	20	-	SPACE
SPACE					27	28	20	-	SPACE
SPACE					29	30	20	-	SPACE

- BRANCH CIRCUIT EXTENDED FROM EXISTING PANEL 'N/EM-L' BEING REMOVED. PULL CIRCUIT OUT OF EXISTING BACKBOX AS REQUIRED, INTERCEPT WITH NEW JUNCTION BOX, SPLICE WITH NEW WIRING (TO MATCH EXISTING) AND CONNECT IN THIS NEW PANEL.

SQUARE D NQ

WITH GRD. BAR & 100% RATED NEUTRAL			A/C RATING		10,000		
PANEL	NC3	MAINS	225A MLO	WIRES	POLES	72	
VOLTS	120/208		MOUNTING	SURFACE	LOCATION	RECEIVING 161AB	
REMARKS AND LOCATION	LOAD	BKR	CKT	CKT	BKR	LOAD	REMARKS AND LOCATION
DAC-3 & CU-3 (ROOF)	2400	20 2	1 3	2 4	20 2	2400	DAC-4 & CU-4 (ROOF)
DAC-5 & CU-5 (ROOF)	2400	20 2	5 7	6 8	20 20	180	IDF #2 DATA RECPT.
IDF #2 DATA RECPT.	180	20	9	10	20	180	IDF #2 DATA RECPT.
IDF #2 DATA RECPT.	180	20	11	12	30	2000	IDF #2 DATA TWIST-LOCK RECPT.
IDF #2 DATA RECPT.	180	20	13	14	30	2000	IDF #2 DATA TWIST-LOCK RECPT.
IDF #2 EQUIP. BACKBOARD REC.	360	20	15	16	20	180	IDF #4 DATA RECPT.
IDF #4 DATA RECPT.	180	20	17	18	20	180	IDF #4 DATA RECPT.
IDF #4 DATA RECPT.	180	20	19	20	20	180	IDF #4 DATA RECPT.
IDF #4 DATA RECPT.	180	20	21	22	20	360	IDF #4 EQUIP. BACKBOARD REC.
IDF #4 DATA TWIST-LOCK RECPT.	2000	30	23	24	40	-	KITCHEN FREEZER COMPRESSOR
IDF #4 DATA TWIST-LOCK RECPT.	2000	30	25	26	30	-	FREEZER EVAPORATOR COIL
KITCHEN REFRIG. COMPRESSOR	-	20 3	27 31	28 32	30 2	-	REFRIG. EVAPORATOR COIL
CHILLER ROOFTOP RECPT.	-	20	33	34	20	-	ROOFTOP RECPT. COND. UNIT
CHILLER #2 HEAT TRACE	-	20	35	36	20	-	SPRINKLER GONG
CHILLER #1 HEAT TRACE	500	20	37	38	20	200	ELEVATOR CAR LIGHTS
RECPT. ELEVATOR PIT	180	20	39	40	20	200	SPARE
SPARE	-	20	41	42	20	-	SPARE
SPARE	-	20	43	44	20	-	SPARE
SPARE	-	20	45	46	20	-	SPARE
SPARE	-	20	47	48	20	-	SPARE
PANEL 'NC4'	23780	100 3	49 53	50 54	100 3	7840	PANEL 'NC5'
SPARE	-	20	55	56	20	-	SPARE
SPARE	-	20	57	58	20	-	SPARE
SPARE	-	20	59	60	20	-	SPARE
SPACE			61	62			SPACE
SPACE			63	64			SPACE
SPACE			65	66			SPACE
SPACE			67	68			SPACE
SPACE			69	70			SPACE
SPACE			71	72			SPACE

- BRANCH CIRCUIT EXTENDED FROM EXISTING PANEL 'N/EM-L' BEING REMOVED. SPLICE WITH NEW WIRING (TO MATCH EXISTING) AND CONNECT IN THIS NEW PANEL.

SQUARE D NQ

WITH GRD. BAR & 100% RATED NEUTRAL			A/C RATING			10,000			
PANEL	'AL1'	MAINS	100A MLO	ø	3	WIRES	4	POLES	42
VOLTS	120/208		MOUNTING	SURFACE		LOCATION		STORAGE 163A	
REMARKS AND LOCATION			LOAD	BKR	CKT	CKT	BKR	LOAD	REMARKS AND LOCATION
AHU-3 IONIZATION, UV LIGHTS	200	20	1			2	20	-	BOYS GYM SCOREBOARD
AHU-4 IONIZATION, UV LIGHTS	200	20	3			4	20	1040	(2) UH-1 CRAWL SPACE
RECPT. EWC	500	20	5			6	20	1200	EF-10C CRAWL SPACE
RECPT. EWC	500	20	7			8	20	500	GYMNASIUM REMOTE SOUND RACK
GYMNASIUM BLEACHER RECPT.	180	20	9			10	20	500	GYMNASIUM REMOTE SOUND RACK
CH-4 & CH-5	800	20	11			12	20	500	GYMNASIUM REMOTE SOUND RACK
(2) CH-1 & CH-4	900	20	13			14	20	800	(2) CH-2 GIRLS LOCKER ROOM
UH-2	520	20	15			16	20	-	SPARE
SPARE	-	20	17			18	20	-	SPARE
SPARE	-	20	19			20	20	-	SPARE
SPARE	-	20	21			22	20	-	SPARE
SPARE	-	20	23			24	20	-	SPARE
SPARE	-	20	25			26	20	-	SPARE
SPACE			27			28			SPACE
SPACE			29			30			SPACE
SPACE			31			32			SPACE
SPACE			33			34			SPACE
SPACE			35			36			SPACE
SPACE			37			38			SPACE
SPACE			39			40			SPACE
SPACE			41			42			SPACE

- BRANCH CIRCUIT EXTENDED FROM EXISTING PANEL 'AL1' TO MAKE SPACE FOR 3-POLE BREAKER TO SERVE THIS NEW PANEL. SPLICE WITH NEW WIRING (TO MATCH EXISTING) AND CONNECT IN THIS NEW PANEL.

SQUARE D I-LINE HCM

WITH GRD. BAR & 100% RATED NEUTRAL			A/C RATING			14,000			
PANEL	'NC1'	MAINS	400A MLO	ø	3	WIRES	4	POLES 63" TBMS	
VOLTS	277/480		MOUNTING	SURFACE		LOCATION		BOILER HOUSE SMALL ROOM 501	
REMARKS AND LOCATION			LOAD	BKR	CKT	CKT	BKR	LOAD	REMARKS AND LOCATION
HOT WATER PUMP P-1A	43160	90	1			2	90	43160	HOT WATER PUMP P-1B
						3	3		
						4	4		
BOILER B-1	6300		7			8	20	6300	BOILER B-2
			9			10	10		
			11			12	3		
BOILER B-3	6300	20	13			14	20	-	SPARE
			15			16	20	-	SPARE
			17			18	20	-	SPARE
SPACE			19			20	20	-	SPARE
SPACE			21			21	3		
SPACE			23			24			SPACE
SPACE			25			26			SPACE
SPACE			27			28			SPACE
SPACE			29			30			SPACE
SPACE			31			32			SPACE
SPACE			33			34			SPACE
SPACE			35			36			SPACE
PANEL 'NC2' VIA TRANSF.	-	125	37			38			SPACE
			39			40			SPACE
		3	41			42			SPACE

SQUARE D I-LINE HCM

WITH GRD. BAR & 100% RATED NEUTRAL				A/C RATING				10,000			
PANEL	NC2'	MAINS	300A MCB	ø	3	WIRES	4	POLES	45" TBMS		
VOLTS	120/208		MOUNTING		SURFACE		LOCATION		BOILER HOUSE SMALL ROOM 501		
REMARKS AND LOCATION				LOAD	BKR	CKT		CKT	BKR	LOAD	REMARKS AND LOCATION
AUTO TEMP. PANEL CONTROL				-	20	1		2	20	-	DHW HEATER #1
ELEM. PARKING LOT LIGHTS				-	20	3		4	20	-	DHW HEATER #2
RECPT. DATA RACK				360	20	5		6	20	200	DHW CIRC. PUMP CP-2
SPARE				-	20	7		8	20	-	RADIO REPEATER
SPARE				-	20	9		10	20	-	SPARE
SPACE						11		12			SPACE
SPACE						13		14			SPACE
SPACE						15		16			SPACE
SPACE						17		18			SPACE
SPACE						19		20			SPACE
SPACE						21		22			SPACE
SPACE						23		24			SPACE
PANEL 'NC3'				59780	200	25		26	100	-	FIRE PUMP BLDG. PANEL
					3	27		28			
						29		30	3		