

**MCW Consultants Ltd.**

Queen's Quay Terminal
207 Queen's Quay West, Suite 615
Toronto, Ontario M5J 1A7

Phone (416) 598-2920
Fax (416) 598-5394
www.mcw.com

Project Name: AQUAVISTA - Bayside
Client: TRIDEL Corporation
To: TRIDEL Corporation
Attention: Chadi Loza
Fax number: -

**Changes associated with
the construction set**

Date: Mar. 15, 2016

Project No.: 8489D
ADD No.: E 004
Page No.: 1 of 2 + Attached
Office: Toronto
From: Sunanda Perera
Tao Li

Distribution: Vince Mirarchi -TRIDEL
Chadi Loza - TRIDEL
Christina Lee -KIRKOR
Al Medeiros -MCW
Michael Hunter-MCW
Mark Furtado-MCW
Sarfraz H. Jaffrey-MCW

In accordance with the drawings and specifications, provide in the tender all costs required to complete the work including items as listed below:

Title: Various Electrical Changes.**Specification:**

Spec	Issued	Items
<u>Panel (Condo)</u> LVP-1 P-2EP1RCP2 P-2EP1RCP3 P-2EP1RCLW P-2P1RCPW P-2P1RCAL P-2P1RCAP P-2P1RCPE <u>Panel (Artscapae)</u> P- <u>Panel (Park)</u> P-	Yes	Revised panel schedule is issued for IFC.

Electrical:

Drawing No.	Drawing Issued	Items
E0-01	Yes	Add general note 9 as shown.
E1-01	Yes	- Revise lighting fixture type in elevator lobby as shown. - Add emergency kill switch for heating boiler in Artscape chiller room as shown.

E1-02	Yes	Revise lighting fixture type in elevator lobby as shown.
E1-03	Yes	Gym, Spinning room & Yoga room: - Delete type 'DL14' lighting fixtures in spinning room and GYM as shown. - Add type 'DL8' lighting fixture in spinning room and Yoga room as shown. - Add receptacle for water fountain in GYM as shown. - Delete floor mounted receptacle, data and TV outlets in GYM as shown. - Add TV outlet in spinning room as shown. Theater: - Add power connection for recessed lighting around perimeter of platform as shown. - Add TV outlet as shown. Men's & Women's change room - Delete type 'DL31' lighting fixtures, and add power connection in ceiling for lighted mirror at each sink as shown. - Add door operators on Sauna rooms as shown. Stair L: - Revise stair L area lighting fixtures type and quantity as shown. - Revise wall mounted receptacle to floor mounted type as shown. West Vestibule (118): - Add type 'DL5' and 'DL8' lighting fixtures as shown. - Add one receptacle as shown.
E2-01A	Yes	- Add lighting fixture and control device in recycling drop off room as shown. - Add exit signs as shown. - Add type 'DL7' lighting fixture in bike/dog wash room as shown. - Revise site lighting fixtures type, location and quantity as shown. West main lobby: - Revise lighting fixtures type, quantity and location in west main lobby as shown. - Add floor mounted receptacles in west main lobby as shown. - Add type 'DL28' and 'DL2B' lighting fixtures in west entrance vestibule as shown. - Add power receptacle and data outlet for enter phone system as shown. - Add power connection for drapery and sheer in west main lobby as shown. - Revise lighting fixtures type and quantity in Stair L as shown. Mail pick up: - Delete type 'DL8' lighting fixtures and add type 'DL1A' lighting fixtures in mail pick up area.

		Staff room/ Office: - Delete type 'DL5' lighting fixtures and add type 'DL7' lighting fixtures in staff room and kitchen as shown. - Relocate receptacle in kitchen per interior design layout as shown. - Add power receptacles for dishwasher in staff room as shown. East main lobby: - Delete type 'DL2B' lighting fixtures in east main lobby as shown. - Add power receptacle and data outlet for enter phone system as shown. - Add type 'DL13' lighting fixture in east elevator lobby as shown. - Add floor receptacles in east main lobby as shown. - Add power connection for drapery and sheer in east main lobby as shown.
E2-01B	Yes	Revise site lighting fixtures type, location and quantity as shown.
E2-03A	Yes	- Delete type 'S2' lighting fixtures and add type 'S3' lighting fixtures in suite kitchens as shown. - Add electrical devices in guest suite as shown. Exterior: - Add type 'LS3b' (Qty-1) lighting fixture as shown. - Delete type 'LS1' lighting fixtures as shown. - Add type 'LS2' lighting fixtures as shown. Amenity area: - Add type 'DL1A' & 'DL13' lighting fixtures in lounge area as shown. - Add receptacles and TV outlets in lounge and billiards room as shown. - Add receptacles on lounge room bar as shown. - Add type 'DL2A' lighting fixtures in washroom as shown. - Add type 'DL23' & 'DL21' lighting fixtures in north corridor as shown. - Add and revise receptacles in catering kitchen as shown.
E2-03B	Yes	- Delete type 'S2' lighting fixtures and add type 'S3' lighting fixtures in suite kitchens as shown. - Delete type 'X4' lighting fixtures (Qty-3) in pool area as shown. - Add type 'LS3c' (Qty-4) and type 'LS3a' (Qty-1) in pool area as shown. - Add type 'LS3b' (Qty-1) lighting fixture as shown. - Delete type 'LS1' lighting fixtures as shown. - Add type 'LS2' lighting fixtures as shown. - Add cold slab warming circuit as shown, and this circuit is fed from '2P1RCPW-37' GFCI breaker.
E2-11B	Yes	Revise electrical devices to match architectural and interior



MCW Consultants Ltd.

Project Name: Aquavista
To: TRIDEL Corporation

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		design layout in suite 1015 as shown.
E2-14A	Yes	Revise electrical device to match architectural layout as shown.
E3-01-RC E3-02-RA E3-03-CP/CR	Yes	Revise electrical metering equipment as shown.
E4-06	Yes	Revise security door detail as shown.
E5-03	Yes	Update electrical metering schedule as shown.

ME SCHEDULE:

Drawing No.	Drawing Issued	Items
ME-15	No	Notes are changed in detail # 1, 2 and 3 as shown.

Reason for Issue-Coordination with other consultant

Condo Panel Schedules

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						2EP1RCP2								
						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	a	b	c						
Excess Pressure Pump PC-46				15	1a	180			2a	15	180		1	REC CONCIERGE DESK L1
						200			4b	15	180		1	REC CONCIERGE DESK L1
SPARE				15	3b		180							
DOOR OPNER W ENTRANCE VEST L1	2		500	15	5c			180	6c	15	180		1	REC CONCIERGE DESK L1
SPARE				15	7a	180			8a	15	180		1	REC CONCIERGE DESK L1
REC SECURITY RM P1	2		180	20	9b		180		10b	15	180		1	REC CONCIERGE DESK L1
REC SECURITY RM P1	2		180	20	11c		360		12c	15	180		1	REC CONCIERGE DESK L1
PWR ENTER PHONE CONTROL DETAIL DWG				15	13a	180			14a	15	180		1	REC CONCIERGE DESK L1
						500			16b	15	180		1	REC CONCIERGE DESK L1
Low Heating Boiler HBC-01				20	15b		1560		18c					
ENTER PHONE PWR WEST ENTRANCE VEST L1				15	17c			300	20a	15				For Metering
SPARE				15	19a				22b					
SPARE				15	21b									
SPARE				15	23c				24c	15	180		2	COMM PANEL W CLOSET
					25a				26a	15	180		2	COMM PANEL W CLOSET
					27b				28b	15	180		2	COMM PANEL W CLOSET
					29c				30c	15	180		2	COMM PANEL W CLOSET
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

	TOTAL WATT	1240	2280	2020	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	5540			LOCATION:	LEVEL P1 MAIN ELEC RM
		15				

LOCATION: LEVEL P1 MAIN ELEC RM

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

100A MB MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Note -* Lockable Breaker

Feed through Panel

100 AMP MAINS						2EP1RCPW			JOB NAME: Aquavista						
100A MB MAIN BREAKER						LOAD PER PHASE			Note -* Lockable Breaker Feed through Panel						
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DOOR OPENER STAIR A L1	500		1	15	1a	500			2a	15*	500		1	PWR W CACF RM L1	
DOOR OPENER STAIR G L1	500		1	15	3b		500		4b	15*	500		1	PWR W CACF RM L1	
DOOR OPENER VEST (126) L1	500		1	15	5c			500	6c	15*	500		1	PWR W CACF RM L1	
DOOR OPENER EXIT CORRIDOR (112) L1	500		1	15	7a	500		500	8a	15*	500		1	REC W CACF RM L1	
SAPRE				15	9b		0		10b	15				SPARE	
LOW VOLTAGE CONTROL GREENMAX P4				15	11c		0	0	12c	20				AIR COMPRESSOR WEST MAIN ELEC RM P1 LEVEL	
LOW VOLTAGE CONTROL GREENMAX P3				15	13a	0			14a						
LOW VOLTAGE CONTROL GREENMAX P2/P1				15	15b		0		16b						
LOW VOLTAGE CONTROL POWER RACK P1				15	17c			200	18c		15				
SPARE				15	19a	200			20a	15				METER COBINET WEST MAIN ELEC RM P1 LEVEL	
SPARE				15	21b		200		22b	15				METER CABINET WEST MAIN ELEC RM P1 LEVEL	
SPARE				15	23c			200	24c	15				LVP-1 WEST MAIN ELEC RM P1 LEVEL	
SPARE				15	25a				26a	15				LVP-3 WEST MAIN ELEC RM P1 LEVEL	
					27b				28b	15				For Metering	
					29c				30c						
					31a				32a						
					33b				34b						
					35c				36c						
									38a						

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS				2EP1RCLW			JOB NAME:					Aquavista
MLO		MAIN BREAKER				LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
LTG CORRIDOR L2 L3 L4 L5				20	1a	78			2a	20	13	6		LTG W ELEV LOBBY P3~P4
LTG CORRIDOR L6 L7 L8 L9				20	3b	800	200		4b	20	100	2		LTG ELEV #1/2 PIT P4
LTG CORRIDOR L10 L11 L12				20	5c		760		6c	20				SPARE
P1 Amenity Level Lighting				20	7a	242.6		660	8a	20	15/10.9	6+14		TYPE LS1 & LS2 EXTERIOR L2
Level 1 Amenity Level Lighting				20	9b	758	522		10b	20	58	9		TYPE LS3a/LS3b/LS3c Amenity AREA L2
Level 2 Amenity Lightnng				20	11c		1480		12c					
STAIR L P1 Amenity Level Lighting				20	13a			0	14a	20				SPARE
SPARE				20	15b	500		852	16b	15				For Metering
SPARE				20	17c				18c					
SPARE				20	19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

	TOTAL WATT	2378.63	2962.2	1512.1	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	6853			LOCATION:	LEVEL P1 MAIN ELEC RM
		19				

MOUNTING: _____ SURFACE _____.

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

200 AMP MAINS						2P1RCLW			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
LTG CORRIDOR L2 L3				20	1a	278			2a	20	13	6		LTG W ELEV LOBBY P3~P4
LTG CORRIDOR L4 L5				20	3b				4b	20				SPARE
LTG CORRIDOR L6 L7				20	5c		1436		6c	20				LTG ARTSCAPE GALLERY L1
LTG CORRIDOR L8 L9				20	7a			1419	8a	20				SPARE
LTG CORRIDOR L10				20	9b	1402			10b	20				SPARE
LTG CORRIDOR L11 L12				20	11c		954		12c	20				SPARE
LTG GARBAGE CHUT L2 ~ L12		12	26	20	13a			1654	14a	20				SPARE
					15b	312			16b	15				For Metering
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

	TOTAL WATT	3409	2390	3073	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	8872			LOCATION:	LEVEL P1 MAIN ELEC RM
		25				

MOUNTING: _____ SURFACE

PANEL SCHEDULE

120/208		VOLTS				JOB NUMBER: 8489D										
3	PHASE	4	WIRE				JOB NAME: Aquavista									
200		AMP MAINS				2P1RCPW			Feed Through Panel							
MLO		MAIN BREAKER				LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION		
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c								
REC RCW1 CORRIDOR L2~L7	6		180	20	1a	540			2a	15	180		3	REC STAIR A		
REC RCW2 CORRIDOR L2~L7	6		180	20	3b	1080	1260		4b	15	180		7	REC STAIR G/Gx		
REC RCW3 CORRIDOR L2~L7	6		180	20	5c		1080	360	6c	15	180		2	REC STAIR E		
REC RCW4 CORRIDOR L2~L7	6		180	20	7a	1260		1080	8a	15	180		7	REC STAIR H		
REC RCW5 CORRIDOR L2~L7	6		180	20	9b	1080	0		10b	15				SPARE		
REC RCW1 CORRIDOR L8~L12	3		180	20	11c		1080	900	12c	20	180		5	REC CORRIDOR L1 MEZZ		
REC RCW2 CORRIDOR L8~L12	3		180	20	13a	720		540	14a	15	180		4	REC MAKE UP UNIT RM L1 MEZZ		
REC RCW3 CORRIDOR L8~L12	5		180	20	15b		500		16b	15	500		1	PWR MAKE UP UNIT RM L1 MEZZ		
REC RCW4 CORRIDOR L8~L12	5		180	20	17c		900		18c	15	180		6	REC WEST GARBAGE RM L1 MEZZ		
REC RCW5 CORRIDOR L8~L12	6		180	20	19a			1080	20a	15	500		1	COMPACTOR CTRL. WEST GARBAGE RM L1 MEZZ		
REC RCW6/7/8 CORRIDOR L10~L12	6		180	20	21b	500			22b	15	180		2	REC. FRESH AIR PLENUM L1 MEZZ / L1		
REC RCW9/10 CORRIDOR L2	2		180	20	23c		1080	500	24c	15	500		1	PWR MAKE UP UNIT RM L1 MEZZ		
SPARE				20	25a			360	26a	15				SPARE		
REC SPRINKLER / SANITARY RM P1 / P1M	5		180	15	27b	0			28b	15	180		4	REC W ELEV LOBBY P3/P4		
REC ELEC RM P1	6		180	15	29c		720	900	30c	15	500		2	DOOR OPNER W ELEV LOBBY P3		
REC MAKE-UP UNIT RM P1 / P1M	4		180	15	31a			1000	32a	15	180		4	REC LOCKER P3/P4		
OPERABLE GLAZING ARTSCAPE GALLERY L1	2		500	20	33b	720			34b	15	500		2	DOOR OPNER W ELEV LOBBY P4		
DOOR OPNER CORRIDOR (202) L2	1		500	15	35c	720	1000		36c	15	180		3	REC LOCKER P4		
							1000	540	38a	15	180		3	REC FLEV #1/2 PIT		

COLD SLAB WARM L2 South Grid pA/36				20 GFCI	37a	540			30a	15	100				LEVEL P1 MAIN P4
						357			40b	15					SPARE
SPARE				20	39b		0								
							0		42c						
SPARE				20	41c			1172		20 GFCI					COLD SLAB WARM L2
								0	44a						
SPARE				15	43a	1172									
									46b						
SPARE				15	45b		1172			20 GFCI					COLD SLAB WARM L2
									48c						
SPARE				15	47c			1172							
									50a						
SPARE				20	49a										
									52b	15					For Metering
					51b										
									54c						
					53c										
									56a	15					METER CONTROL CCU ROOM P2
					55a	200									
									58b	15					METER CONTROL ELEC CLOSET WEST L2
					57b		200								
									60c						
					59c										



TOTAL WATT
TOTAL AMP

10509.3	11252.3	11185
32946		
91		

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: LEVEL P1 MAIN ELEC RM

MOUNTING: SURFACE

PANEL SCHEDULE

120/208			VOLTS			JOB NUMBER: 8489D								
3 PHASE 4			WIRE			JOB NAME: Aquavista								
200			AMP MAINS			2P1RCAL								
MLO			MAIN BREAKER			LOAD PER PHASE								
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
Theatre Lighting DL2B(18w), DL8(4.95w/ft)				20	1a	744			2a	20				Mens Change Room , Womens Change Room
						982			4b	20				Spinning Room+Westibule+West Elev. Lobby
Gym				20	3b		980							
							969		6c	20	48 , 26	3, 24		Parcel Room , Lobby
Janitor room , AV room, Yoga room				20	5c			768						
								341	8a	20	9.6, 42	22, 3		Lobby DL1A, DL4B Lights
Mail Room, Mail Pick Up,Meeting Rm,office, T bar,kitchen		8, 32	48, 25	20	7a	337								
						1184			10b					
Admin Office, West Elev. Lobby, Barrier Free Wash Rm		3, 30	48, 25	20	9b									
							924		12c	15				For Metering
BILLARDS RM/ LOUNGE (213) L2				20	11c									
								888	14a					
KITCHEN/LOUNGE (214) L2				20	13a									
						1166			16b	20	15/ 10.9	6+10		TYPE LS1 & LS2 EXTERIOR L2
CORRIDOR / WASHRM L2				20	15b		199							
							1235		18c	20	58	8		TYPE LS3c EXTERIOR L2
					17c			464						
									20a	20				Spare
					19a									
									22b	20				Spare
					21b									
									24c	20				Spare
					23c									
									26a	20				Spare
					25a									
									28b					
					27b									
									30c					
					29c									
									32a					
					31a									
									34b					
					33b									
									36c					
					35c									
									38a					

PANEL SCHEDULE

120/208		VOLTS				JOB NUMBER: 8489D										
3	PHASE	4	WIRE				JOB NAME: Aquavista									
200		AMP MAINS				2P1RCAP			Feed through panel							
MLO		MAIN BREAKER				LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION		
DESCRIPTION		# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b							c	
REC CORRIDOR P1		5		180	20	1a	800			2a	20				REC TREADMILL GYM P1	
REC YOGA RM/ GYM P1		6		180	15	3b	900			4b	20				REC TREADMILL GYM P1	
REC THEATER P1		4		180	15	5c		800		6c	20				REC TREADMILL GYM P1	
REC AV THEATER P1		1		180	20	7a	800			8a	20				REC TREADMILL GYM P1	
REC MEN'S WOMEN'S RM P1		6		180	15	9b	180			10b	20				REC TREADMILL GYM P1	
DOOR OPNER VEST P118 P1		2		500	15	11c		800		12c	20				REC TREADMILL GYM P1	
DOOR OPNER ELEV LOBBY/SPINNING RM P1		2		500	15	13a		1000		14a	20				REC TREADMILL GYM P1	
DOOR OPNER YOGARM/ THEATRE P1		2		500	15	15b	800			16b	15				REC WATER FOUNTAIN GYM P1	
DOOR OPNER MEN'S CHANGE P1		2		500	15	17c		500		18c	20				REC SPINNING SPINNING RM P1	
DOOR OPNER WOMEN'S CHANGE P1		1		500	15	19a		1000		20a	20				REC SPINNING SPINNING RM P1	
DOOR OPNER WOMEN'S CHANGE/GYM P1		2		500	15	21b	500			22b	20				REC SPINNING SPINNING RM P1	
DOOR OPNER MEN'S CHANGE/BF WS P1		2		500	15	23c		500		24c	20				REC SPINNING SPINNING RM P1	
REC AV THEATER P1		1		180	20	25a		1000		26a	20				REC SPINNING SPINNING RM P1	
HAND DRYER BF WC P1		1		1400	20	27b	500			28b	15				For Metering	
HAND DRYER MENS CHANGE ROOM P1		1		1400	20	29c	180			30c						
HAND DRYER WOMENS CHANGE RM P1		1		1400	20	31a		1400		32a						
HAND DRYER BF WC P1		1		1400	20	33b	1400			34b						
DOOR OPNER WOMEN'S CHANGE/BF WS P1		2		500	20	35c		1000		36c	20	1000		1	FRIDGE STAFF RM L1	
REC WEST VEST (P118) P1		2		180	15	37a		1460		38a	20	1460		1	MW STAFF RM L1	
SPARE					15	39b	360			40a	20	180		2	REC STAFF RM L1	
							360			40b	20	180		5	REC STAFF RM L1	
							900			42c	20				HAND DRYER UNIVERSAL W.C	

	TOTAL WATT	15740	16980	16120	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	48840			LOCATION:	LEVEL P1 Main Elec. Room
		136				



Issued for Construction
-8489D Condo Electrical Panel Schedule-LTG PWR-V1.xls

MOUNTING: SURFACE

PANEL SCHEDULE

120/208		VOLTS				JOB NUMBER: 8489D										
3	PHASE	4	WIRE				JOB NAME: Aquavista									
100		AMP MAINS				22RCAP										
MLO		MAIN BREAKER				LOAD PER PHASE										
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION		
DOOR OPNER WEST CORRIDOR L2	2		500	15	1a	1000			2a	15				METERING		
DOOR OPNER EAST CORRIDOR L2	2		500	15	3b		1000		4b							
DOOR OPNER CORRIDOR / OUTSIDE L2	2		500	15	5c			1000	6c							
WASHER JANITOR/LAUNDRY L2	1		500	15	7a	1080			8a	15	180		6	REC GUEST ROOM L2		
DRYER JANITOR/LAUNDRY L2				30	9b		720		10b	15	180		4	REC WASHRM L2		
							1700		12c	20	1400		1	HAND DRYER WC 208 L2		
					11c			1400		14a	20	1400		1	HAND DRYER WC 207 L2	
								1700								
REC CORRIDOR L2	6		180	20	13a	1400								HAND DRYER WC 218 L2		
FIRE PALCE LOINCE 213/214 L2	2		200	15	15b		1400		16b	20	1400		1	HAND DRYER WC 219 L2		
REC GENERAL L2	4		180	15	17c			1400						FRIDGE KITCHEN L2		
REC TV LOUNGE L2	2		180	15	19a	1000			20a	15	1000		1	DISHWASHER KITCHEN L2		
DISHWASHER LOUNGE BAR L2	1		1200	15	21b		1200		22b	15	1200		1	REC KITCHEN L2		
REC LOUNGE BAR L2	2		180	20	23c			360	24c	20	180		2	MW KITCHEN L2		
ICE MAKER LOUNGE L2	1		1000	20	25a	1460			26a	20	1460		1	RANGE KITCHEN L2		
FRIDGE LOUNGE BAR L2	1		800	15	27b		4350		28b	40						
REC HOUSE KEEPING LOUNGE L2	6		180	15	29c			4350	30c							
REC LOUNGE L2	5		180	15	31a	200			32a	15	200		1	HOOD KITCHEN L2		
SPARE				15	33b				34b	20				SPARE		
SPARE				15	35c				36c	20				SPARE		
SPARE									38a	20				SPARE		

SPARE				15	37a				38a	20					SPARE
SPARE				15	39b				40b						
SPARE				15	41c				42c						



TOTAL WATT

TOTAL AMP

9080	12770	12370
34220		
95		

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: LEVEL 2 Elec. Closet 204

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

100NA MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						2RRCPW								
						LOAD PER PHASE								
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
Air Cooled Condenser Unit ACUC-04				50	1a	180			2a	15	180		1	REC (IRRIGATION) ROOF L11/L7
						2882			4b	15	180		1	REC (IRRIGATION) ROOF L14
					3b		180		6c	20	180		1	REC ROOF L14
					5c		2882		8a	15	180		4	REC ELEV MACH RM L13
								180	10b	15	180		4	REC ELEV SHAFT L13
Unitary DX Unit ACC-04				15	7a	720			12c	15				SPARE
						365			14a	15				SPARE
					9b		720		16b	15				SPARE
					11c		365		18c	15				SPARE
Force Flow Cabinet Heater EHC-23				15	13a	0			20a					For Metering
						360			22b	15				
REC WINDOW WASHING ROOF (W)				30	15b		0		24c					
					17c		0		26a					
REC WINDOW WASHING ROOF (W)				15	19a	0			28b					
						0			30c					
REC WINDOW WASHING L13				30	21b		0		32a					
					23c		0		34b					
REC WINDOW WASHING L13				15	25a				36c					
REC WINDOW WASHING L13				30	27b				38a					
					29c									
REC WINDOW WASHING L13				15	31a									
REC WINDOW WASHING L13 / L7				30	33b									
					35c									

[illegible]

PANEL TYPE: TYPE1-SPRINKLER PROOF



PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Note -* Lockable Breaker

100 AMP MAINS						2ERRCPW			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			Note -* Lockable Breaker					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
ELEV #1 CAB LTG L13				15*	1a	200			2a	15*				REC CONTROL PANEL L13
ELEV #1 CAB PWR L13				15*	3b	200	320		4b	15*	32	4		LTG ELEV SHAFT L13
ELEV #2 CAB LTG L13				15*	5c		200	0	6c	15*				SPARE
ELEV #2 CAB PWR L13				15*	7a	0		200	8a	15*				SPARE
ELEV #1 & #2 CONTROLLER L13				15*	9b	200	0		10b	15				SPARE
					11c		200	0	12c	15				SPARE
					13a	0			14a	15				For Metering
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

		600	720	400	PANEL TYPE: TYPE1-SPRINKLER PROOF
	TOTAL WATT	1720			
	TOTAL AMP	5			
					LOCATION: LEVEL 13 ELEV MACH RM

LOCATION: LEVEL 13 ELEV MACH RM

MOUNTING: SURFACE

PANEL SCHEDULE

120/208		VOLTS				JOB NUMBER: 8489D								
3	PHASE	4	WIRE			JOB NAME: Aquavista								
		AMP MAINS												
		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	2P1RCOD			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						LOAD PER PHASE								
						a	b	c						
TYPE X2 X6 WEST ENTRANCE CONDO L1				20	1a	769			2a	20				TYPE X10 WEST ENTRANCE RETAIL L1
SIGNAGE WEST ENTRANCE CONDO L1				15	3b	300	500		4b	15				SIGNAGE WEST ENTRANCE RETAIL L1
TYPE X2 ENTRANCE ARTSCAPE L1				20	5c		500	500	6c	15				SIGNAGE WEST CANOPY RETAIL L1
SIGNAGE ENTRANCE ARTSCAPE L1				15	7a	591			8a	20				TYPE X10 EAST CANOPY RETAIL L1
TYPE X9 / X9A CONDO L1				20	9b	500	189		10b	15				SIGNAGE EAST CANOPY RETAIL L1
TYPE X2 EAST ENTRANCE CONDO L1				20	11c			500	12c	15				SIGNAGE EAST CANOPY RETAIL L1
SIGNAGE EAST ENTRANCE CONDO L1				15	13a	116		230	14a	20				TYPE X2 EAST ENTRANCE RETAIL L1
SPARE				15	15b	500	472.5		16b	20				TYPE X9 / X9A RETAIL L1
SPARE				15	17c			460	18c	20				TYPE X11 RETAIL LOADING L1M
SPARE				20	19a				20a	20				SPARE
SPARE				20	21b				22b	20				SPARE
					23c	0			24c	20				SPARE
					25a				26a	20				SPARE
					27b				28b	15				For Metering
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

	TOTAL WATT	2776.6	2161.5	2190	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	7128			LOCATION:	LEVEL P1 MAIN ELEC RM
		20				

MOUNTING: _____ SURFACE _____.

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS				2COMM			JOB NAME: Aquavista					
MLO		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
REC LOFTY CCU ROOM P2				15	1a	0			2a					SPARE
SPARE				20	3b		0		4b					SPARE
SPARE				20	5c			0	6c					SPARE
SPARE				20	7a	0			8a					SPARE
SPARE				20	9b		0		10b					SPARE
SPARE				20	11c			0	12c	15				SPARE
					13a				14a	15				SPARE
					15b				16b	15				SPARE
					17c				18c	15				SPARE
					19a				20a	15				For Metering
					21b				22b					
					23c				24c					
						0	0	0	PANEL TYPE: TYPE1-SPRINKLER PROOF					
						0			LOCATION: CCU RM					
						0								



TOTAL WATT
TOTAL AMP



TOTAL WATT
TOTAL AMP

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: CCU RM

MOUNTING: SURFACE

PANEL SCHEDULE

120/208		VOLTS				JOB NUMBER:		8489D	
3	PHASE	4	WIRE			JOB NAME:		Aquavista	
400		AMP MAINS							
MLO		MAIN BREAKER							
						2EP1RCPT			
						LOAD PER PHASE			
						CCT. NO.			
						BRKR SIZE			
						WATT / FIXT.			
						# OF FIXT.			
						# OF REC.			
						DESCRIPTION			
						a		b	
						c			
						2a			
						4b		15	
						6c			
						8a		20 GFCI	
						10b		20 GFCI	
						12c		20 GFCI	
						14a		20 GFCI	
						16b		20 GFCI	
						18c		20 GFCI	
						20a		20 GFCI	
						22b		20 GFCI	
						24c		20 GFCI	
						26a		20 GFCI	
						28b		20 GFCI	
						30c		20 GFCI	
						32a		20 GFCI	
						34b		20 GFCI	
						36c			
						38a			

	TOTAL WATT	0	0	0	PANEL TYPE: TYPE1-SPRINKLER PROOF LOCATION: LEVEL P1 MAIN ELEC RM
		0			
	TOTAL AMP	0			

MOUNTING: _____ SURFACE

PANEL SCHEDULE

120/208		VOLTS				JOB NUMBER:		8489D						
3	PHASE	4	WIRE			JOB NAME:		Aquavista						
200		AMP MAINS												
MLO		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	2P1RCPT			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						LOAD PER PHASE								
						a	b	c						
SPARE				20 GFCI	1a	0			2a	15				For Metering
SPARE				20 GFCI	3b		0		4b					
SPARE				20 GFCI	5c			0	6c					
SPARE				20 GFCI	7a				8a	20 GFCI				SPARE
SPARE				20 GFCI	9b				10b	20 GFCI				SPARE
SPARE				20 GFCI	11c				12c	20 GFCI				SPARE
SPARE				20 GFCI	13a				14a	20 GFCI				SPARE
SPARE				20 GFCI	15b				16b	20 GFCI				SPARE
SPARE				20 GFCI	17c				18c	20 GFCI				SPARE
SPARE				20 GFCI	19a				20a	20 GFCI				SPARE
SPARE				20 GFCI	21b				22b	20 GFCI				SPARE
SPARE				20 GFCI	23c				24c	20 GFCI				SPARE
SPARE				20 GFCI	25a				26a	20 GFCI				SPARE
					27b				28b	20 GFCI				SPARE
					29c				30c	20 GFCI				SPARE
					31a				32a	20 GFCI				SPARE
					33b				34b					
					35c				36c					
									38a					

		0	0	0	PANEL TYPE: TYPE1-SPRINKLER PROOF
	TOTAL WATT	0			
	TOTAL AMP	0			
LOCATION: LEVEL P1 MAIN ELEC RM					

LOCATION: LEVEL P1 MAIN ELEC RM

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Note -* Lockable Breaker

100 AMP MAINS						2EP4RC			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			Note -* Lockable Breaker					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
ELEV #12 CAB LTG P4 LEVEL				15*	1a	200			2a	15*				REC CONTROL PANEL L1
ELEV #12 CAB PWR P4 LEVEL				15*	3b		328		4b	15*	32	4		LTG ELEV SHAFT/PIT L1 MEZZ
ELEV #12 COTROLLER P4 LEVEL				15*	5c		200	0	6c	15				SPARE
SPARE				15	7a	0		200	8a	15				SPARE
SPARE				15	9b		0		10b	15				For Metering
					11c		200	0	12c					
					13a	0		200	14a					
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

[illegible]

PANEL TYPE: TYPE1-SPRINKLER PROOF

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Note -* Lockable Breaker

100 AMP MAINS						2E1RC			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			Note -* Lockable Breaker					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
ELEV #7 CAB LTG L1				15*	1a	200			2a	15*				REC CONTROL PANEL L1
ELEV #7 CAB PWR L1				15*	3b	200	328		4b	15*	32	4		LTG ELEV SHAFT/PIT L1 MEZZ
ELEV #7 COTROLLER L1				15*	5c		200	0	6c	15				SPARE
ELEV #9 CAB LTG L1				15*	7a	0		200	8a	15				SPARE
ELEV #9 CAB PWR L1				15*	9b	200	0		10b	15				SPARE
ELEV #9 COTROLLER L1				15*	11c		200	0	12c	15				SPARE
					13a	0			14a	15				For Metering
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

	TOTAL WATT	600	728	400	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	1728			LOCATION:	L1 MEZZ ELEV MACH RM (131)
		5				

TOTAL WATT
TOTAL AMP

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: L1 MEZZ ELEV MACH RM (131)

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS		RP-GEN RA			JOB NAME:		Aquavista					
		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
GENERATOR BATTERY CHARGER				15	1a	500			2a	20				BLOCK HEATER
					200			4b						
					3b		500							
									6c					
					5c			500						
									8a					
					7a	0								
									10b					
					9b		0							
									12c					
					11c			0						
						700	500	500						
						TOTAL WATT			TOTAL WATT					
						TOTAL AMP			TOTAL AMP					
						TOTAL WATT			TOTAL WATT					
						TOTAL AMP			TOTAL AMP					
						TOTAL WATT			TOTAL WATT					
						TOTAL AMP			TOTAL AMP					
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						TOTAL AMP			TOTAL AMP					
						TOTAL WATT			TOTAL WATT					
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PANEL SCHEDULE

347/600 VOLTS

3 PHASE WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

200 AMP MAINS						6P1RCOD			JOB NAME: Aquavista						
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c							
SPARE				20	1a	10000			2a	35				TX-RCW4 30KVA	
						0			4b						
SPARE				20	3b		10000								6c
							0								
SPARE				20	5c			10000	8a	20				SPARE	
								0							
SPARE				20	7a	0			10b	20				SPARE	
								0							
SPARE				20	9b		0		12c	20				SPARE	
					11c				14a	15				For Metering	
					13a										16b
															18c
					15b										
									20a						
					17c										
									22b						
					19a										
									24c						
					21b										
					23c										
						10000	10000	10000	PANEL TYPE: TYPE1-SPRINKLER PROOF						
						30000			LOCATION: LEVEL P1 MAIN ELEC RM						
						29									



TOTAL WATT
TOTAL AMP

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: LEVEL P1 MAIN ELEC RM

MOUNTING: SURFACE

PANEL SCHEDULE

347/600		VOLTS				JOB NUMBER: 8489D											
3		PHASE		WIRE				JOB NAME: Aquavista									
200		AMP MAINS				6P1RCP											
MLO		MAIN BREAKER				LOAD PER PHASE											
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION			
LTG STAIR A/G/Gx		40	32	20	1a	4224			2a	20	64	61		LTG PARKING P4			
						1280			4b	20	32	30		LTG LOCKER/BICYCLE/MECH RM P4/P3/P2/P1			
LTG STAIR E/H		50	32	20	3b		2176										
							1600		6c	20	64	71		LTG PARKING P3			
LTG STAIR B/J/Jx		40	32	20	5c			4672									
								1280	8a	20	64	40		LTG PARKING P2/P1			
LTG STAIR C/K/Kx		40	32	20	7a	2880											
						1280			10b	20	64	6		LTG PARKING RAMP L1			
SPARE				20	9b		1600										
									12c	20				SPARE			
LTG CORRIDOR/MECH RM L1 MEZZ		16	32	20	11c			1088	14a	20				SPARE			
LTG LOADING (CONDO)/ E GARBAGE RM L1/ L1 MEZZ		12	64	20	13a												
						896			16b	20				SPARE			
SPARE				20	15b												
									18c	20				SPARE			
SAUNA UNITS (15KW) MEN P1 LEVEL				20	17c				20a	15				For Metering			
					19a				22b								
					21b												
							5000		24c								
SAUNA UNITS (15KW) WOMEN P1 LEVEL				20	23c				26a								
					25a												
						5000			28b								
					27b			5000							30c		
					29c												
									32a								
					31a												
									34b								
					33b												
									36c								
					35c												
									38a								

PANEL SCHEDULE

347/600		VOLTS				JOB NUMBER: 8489D								
3	PHASE	4	WIRE			JOB NAME: Aquavista								
200		AMP MAINS												
200NA		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	6EP1RCP1			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						LOAD PER PHASE								
						a	b	c						
EXIT SIGNS P4/P3 LEVEL		200	5	20	1a	8186			2a	90				TX-ERCE1 75KVA
						1000			4b					
EXIT SIGNS P2/P1/L1 LEVEL		200	5	20	3b		5562		6c					
							1000							
EXIT SIGNS WEST L2 ~ L13		260	5	20	5c			4512						
								1300	8a	20	64	50		LTG PARKING P4/P3/P2/P1
EXIT SIGNS EAST L2 ~ L13		260	5	20	7a	4032								LTG LOCKER/BICYCLE/MECH RM P4/P3/P2/P1
						1300			10b	20	32	23		
SPARE				20	9b		1760							
							0		12c	20	64	31		LTG ELEC RM P2/P1
LTG STAIR A/G/Gx		40	32	20	11c			1984						
								1280	14a	20	64	6		LTG PARKING RAMP L1
LTG STAIR E/H		50	32	20	13a	1216								
						1600			16b	20				SPARE
LTG STAIR B/J/Jx		40	32	20	15b									
							1280		18c	20				SPARE
LTG STAIR C/K/Kx		40	32	20	17c									
								1280	20a	20				SPARE
SPARE				20	19a									
									22b					
LTG CORRIDOR/MECH RM L1 MEZZ		13	32	20	21b					15				For Metering
							544		24c					
LTG LOADING AREA (CONDO) L1/ L1 MEZZ		5	64	20	23c									
								576	26a					
					25a									
									28b					
					27b									
									30c					
					29c									
									32a					
					31a									
									34b					
					33b									
									36c					
					35c									
									38a					

PANEL SCHEDULE

347/600		VOLTS		JOB NUMBER: 8489D										
3	PHASE	4	WIRE	JOB NAME: Aquavista										
400		AMP MAINS		Note -* GFCI BREEAKER										
MLO		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	6P1RCSM			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						LOAD PER PHASE								
						a	b	c						
SNOW MELT GARAGE RAMP L1				20*	1a	3742			2a	20*				SNOW MELT WALKWAY NORTH L2 EXTERIOR
						3096			4b					
					3b		3742			6c	20*			
			3096		8a									
SNOW MELT GARAGE RAMP L1				20*	5c			3742	20*					SNOW MELT WALKWAY NORTH L2 EXTERIOR
								3096						
					7a	3742				10b	20*			
	3096				12c									
SNOW MELT GARAGE RAMP L1				20*	9b		3877		20*					SNOW MELT WALKWAY SOUTH EAST L2 EXTERIOR
							3096							
					11c				3877	14a	20*			
				3096	16b									
SNOW MELT GARAGE RAMP L1				20*	13a	3877			20*					SNOW MELT WALKWAY SOUTH EAST L2 EXTERIOR
						3096								
					15b		3877			18c	20*			
		3096			20a									
SNOW MELT LOADING (CONDO) L1				20*	17c			3877	20*					SNOW MELT WALKWAY SOUTH EAST L2 EXTERIOR
								2328						
					19a	3877				22b	20*			
	2328				24c									
SNOW MELT LOADING (CONDO) L1				20*	21b		2469		20*					SNOW MELT WALKWAY SOUTH WEST L2 EXTERIOR
							2328							
					23c				2469	26a	20*			
				2328	28b									
SNOW MELT MAITAIN PATH L13				20*	25a	2469			20*					SNOW MELT WALKWAY SOUTH WEST L2 EXTERIOR
						3406								
					27b		2469			30c	20*			
		3406			32a									
SNOW MELT MAITAIN PATH L13				20*	29c			1225	20*					SNOW MELT STAIR WEST TOWER L14
								3406						
					31a	1225				34b	20*			
	3406				36c									
SNOW MELT MAITAIN PATH L13				20*	33b		1225		20*					SNOW MELT STAIR EAST TOWER L14
							3406							
					35c				1225	38a				
				3406										

	TOTAL WATT	49859.1	48586.8	46575	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	145020			LOCATION:	LEVEL P1 MAIN ELEC RM
		140			MOUNTING:	SURFACE

PANEL SCHEDULE

120/208		VOLTS												JOB NUMBER:		8489D							
3	PHASE	4	WIRE											JOB NAME:		Aquavista							
100		AMP MAINS																					
100N/A		MAIN BREAKER																					
						2EP1RCP3																	
						LOAD PER PHASE																	
									CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION									
DESCRIPTION						# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c										
REC SECURITY TV E ENTRANCE VEST L1						500		1	15	1a	500			2a									
						500								4b	20								
DOOR OPERNER E ENTRANCE VEST L1						500		2	15	3b		500			6c								
												1000											
ENTERPHONE E ENTRANCE VEST L1						200		1	15	5c			500										
													200	8a									
Low Heating Boiler HBC-01 P4 LEVEL									20	7a	500												
											1560			10b	20								
SPARE									20	9b		500											
												0			12c								
COMM PANEL E CLOSET						180		2	15	11c			500										
													360	14a									
COMM PANEL E CLOSET						180		2	15	13a	0												
											360			16b	15								
COMM PANEL E CLOSET						180		2	15	15b		0											
												360			18c								
BEAMFIELD EQUIP BEANFIELD ENTRANCE ROOM (P222) LEVEL P2										17c			0										
													0	20a	15	180		2					
									15	19a	360												
											0			22b	15	180		1					
										21b		180											
												0			24c	30			1				
REC BEANFIELD ENTRANCE RM (P222) LEVEL P2						180		1	15	23c			2880										
													180	26a	15	180		1					
REC BEANFIELD ENTRANCE RM (P222) LEVEL P2						180		1	15	25a	180												
											180			28b	15	180		1					
REC BEANFIELD ENTRANCE RM (1323) LEVEL 13						180		2	15	27b		180											
												360			30c	15	180		1				
REC BEANFIELD ENTRANCE RM (1323) LEVEL 13						180		2	15	29c			180										
													360	32a	15	180		1					
REC LOFTY CCU RM (1323) LEVEL 13						180		2	15	31a													
														34b	15	180		1					
REC LOFTY CCU RM (1323) LEVEL 13						180		2	15	33b													
															36c	15							
										35c													

	TOTAL WATT	4140	3080	5160	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	12380			LOCATION:	LEVEL P1 EAST ELEC RM
		34				

MOUNTING: _____ SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Note-* Lockable Breaker

100 AMP MAINS						2EP1RCLE			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			Note-* Lockable Breaker					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
LTG ELEV #3/4 PIT P4		2	100	20*	1a	608			2a	20				TYPE 'DL8' 'DL1A' 'DL12' E ELEV & MAIN LOBBY L1
						200			4b	20	100	2		LTG GAS REGULATORS L1
SPARE				20	3b		200							
SPARE				20	5c				6c	20				SPARE
SPARE				20	7a	400			8a	20	100	4		LTG E ELEV LOBBY P1 ~ P4
SPARE				20	9b				10b	15				For Metering
					11c				12c					
					13a				14a					
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

	TOTAL WATT	1208	200	0	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	1408			LOCATION:	LEVEL P1 EAST ELEC RM
		4				

MOUNTING: _____ SURFACE _____.

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Note :* - Lockable breaker

Feed Through Panel

100 AMP MAINS						2EP1RCPE			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			Note :* - Lockable breaker Feed Through Panel					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DOOR OPENER STAIR B L1	500		1	15	1a	500			2a	15*	500		1	PWR E CACF RM L1
DOOR OPENER STAIR Jx L1	500		1	15	3b		500		4b	15*	500		1	PWR E CACF RM L1
DOOR OPENER STAIR C L1	500		1	15	5c			500	6c	15*	500		1	PWR E CACF RM L1
DOOR OPENER STAIR K L1	500		1	15	7a	500			8a	15*	500		1	REC E CACF RM L1
SPARE				15	9b		0		10b	15				SPARE
SPARE				15	11c			0	12c	20*				AIR COMPRESSOR EAST ELEC RM P1 LEVEL
AIR COMPRESSOR PARK ELEC RM P1 LEVEL				20*	13a	0			14a					
				20*	15b		0		16b					
				20*	17c			200	18c		15*			
	AIR COMPRESSOR CONTROL PARK ELEC RM P1 LEVEL			15*	19a	200			20a	15				LVP-2 EAST ELEC RM P1 LEVEL
CO CONTROL PANEL P4				15*	21b		0		22b	15*				SPARE
CO CONTROL PANEL P3				15*	23c			0	24c	15				SPARE
CO CONTROL PANEL P2				15*	25a	0			26a	20*				SPARE
CO CONTROL PANEL P1				15*	27b		0		28b	20				SPARE
SPARE				15	29c			0	30c	15				For Metering
SPARE				15	31a				32a					
SPARE				15	33b				34b					
SPARE				15	35c				36c					
									38a					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

200 AMP MAINS						2P1RCLE			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
LTG CORRIDOR L2				20	1a	866			2a	20	8	58.7		TYPE 'DL8' 'DL1A' 'DL12' EAST ELEV LOBBY L1
LTG CORRIDOR L3				20	3b	999	732		4b	20	8	32.1		TYPE 'DL2B' 'DL4A' EAST ELEV LOBBY L1
LTG CORRIDOR L4				20	5c				6c	20				SPARE
LTG CORRIDOR L5				20	7a			1000	8a	20				SPARE
LTG CORRIDOR L6				20	9b	1000	772		10b	20	100	4		LTG E ELEV LOBBY P1 ~ P4
LTG CORRIDOR L7				20	11c		1000		12c	20				SPARE
LTG CORRIDOR L8				20	13a			951	14a	20				SPARE
LTG CORRIDOR L9				20	15b		959		16b	20				SPARE
LTG CORRIDOR L10				20	17c			959	18c	20				SPARE
LTG CORRIDOR L11				20	19a			1024	20a	15				For Metering
LTG CORRIDOR L12				20	21b	1024			22b					
GARBAGE CHUT L2 ~ I12		12	26	20	23c		885		24c					
SPARE				20	25a			312	26a					
LTG MECH RM L13		12	64	20	27b				28b					
					29c		1132		30c					
					31a				32a					
					33b				34b					
					35c				36c					
					35c				38a					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

200 MB MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Feed Through Panel

200 AMP MAINS						2P1RCPE			JOB NAME: Aquavista					
200 MB MAIN BREAKER									Feed Through Panel					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
REC RCE1 CORRIDOR L2~L7	6		180	20	1a	540			2a	15	180		3	REC STAIR B
						1080			4b	15	180		4	REC STAIR J
REC RCE2 CORRIDOR L2~L7	6		180	20	3b		720							
REC RCE3 CORRIDOR L2~L7	6		180	20	5c		1080		6c	15	180		4	REC STAIR EJ/Jx
								720						
REC RCE4 CORRIDOR L2~L7	6		180	20	7a	540				8a	15	180		3
						1080								
REC RCE5 CORRIDOR L2~L7	6		180	20	9b		1260		10b	15	180		7	REC STAIR K/Kx/Ky
							1080							
REC RCE6 CORRIDOR L2~L7	6		180	20	11c			0	12c	15				SPARE
								1080						
				20	13a	720			14a	15	180		4	REC ELEV SHAFT / PIT L1 MEZZ
SPARE						0								
									16b	15	180		2	REC ELEV MACH RM L1
REC RCE2 CORRIDOR L8~L12	2		180	20	15b		360							
							360		18c	20	180		5	REC CORRIDOR L1 MEZZ
REC RCE3 CORRIDOR L8~L12	5		180	20	17c			900						
								900	20a	15				SPARE
REC RCE4 CORRIDOR L8~L12	5		180	20	19a	0								
						900								
REC RCE5 CORRIDOR L8~L12	5		180	20	21b		540		22b	20	180		3	REC SERVICE CORRIDOR L1
							900							
REC RCE6 CORRIDOR L8~L12	5		180	20	23c			1080	24c	15	180		6	REC E GARBAGE RM L1
								900						
REC RCE7/8 CORRIDOR L10~L12	4		180	20	25a	1080			26a	15	180		6	COMPACTOR CONTROL E GARBAGE RM L1
						720								
REC RCE9/10 CORRIDOR L2	2		180	20	27b		540		28b	15	180		3	REC EAST CACF RM L1
							360							
				20	29c			1000	30c	15	1000		1	FIRE PLACE EAST MAIN LOBBY L1
SPARE								0						
									32a	20	180		4	REC EAST MAIN LOBBY L1
REC E ELEV LOBBY P1 ~ P4	4		180	15	31a	720								
						720								
DOOR OPNER E ELEV LOBBY P1	2		500	15	33b		360		34b	20	180		2	REC BIKE/DOG WASH RM L1
							1000							
REC ELEC RM P1	2		180	15	35c			540	36c	20	180		3	EF-B JANITOR/LAUNDRY LEVEL 2
								360						
DOOR OPNER E ELEV LOBBY P2	2		500	15	37a	1000			38a	15	500		2	DOOR OPNER E ELEV LOBBY P3
						1000								
REC IRRIGATION RM/MECH RM P2	3		180	15	39b		540		40b	15	180		3	REC BICYCLE RM P3
							540							
									42c	15				SPARE

REC BICYCLE RM P2	4		180	15	41c		0	720	44a	15	500		2	DOOR OPNER E ELEV LOBBY P4
SPARE				15	43a	1000								
REC IRRIGATION CONTROLLER SOUTH OUTSIDE	1		500	15	45b	0	900		46b	15	180		5	REC BICYCLE RM P4
REC IRRIGATION CONTROLLER NORTH OUTSIDE	1		500	15	47c		500		48c	15	180		6	REC BOILER RM P4
REC IRRIGATION CONTROLLER L2 ROOF SOUTH	1		180	15	49a	1080		1080	50a	15	180		6	REC CHILLER RM P4
O/H DOOR LOADING (CONDO) L1				20	51b	180	360		52b	15	180		2	REC ELEV #3/#4 PIT P4
					53c		500		54c	15	180		1	REC ELEV #12 PIT P4
					55a		180		56a	15	180		3	REC ELEV #12 MACH RM P4
					57b	540			58b	15	180		1	REC Filtration System Rm P4
					59c	500			60c	15				
CAR WASH P4				15	61a		1000		62a	15				SPARE
DOOR OPNER CORRIDOR (220) L2	1		500	15	63b			1000	64b	15				SPARE
SPARE				15	65c		500		66c					
REC CONDO CCU RM (P221) LEVEL P2	2		180	15	67a				68a	15				For Metering
REC CONDO CCU RM (P221) LEVEL P2	2		180	15	69b	360			70b					
REC CONDO CCU RM (P221) LEVEL P2	2		180	15	71c		360		72c	15				METER CONTROL ELEC CLOSET EAST L2
REC (FLOOR) EAST MAIN LOBBY L1	2		180	20	73a		200		74a	15				SPARE
DRAPERY & SHEER EAST MAIN LOBBY L1	4		100	15	75b	360			76b					
					77c		400		78c					
					79a				80a					
					81b				82b					
					83c				84c					



TOTAL WATT
TOTAL AMP

15120	14340	13100
42560		
118		

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: LEVEL P1 EAST ELEC RM

MOUNTING: SURFACE

PANEL SCHEDULE

120/208		VOLTS		JOB NUMBER: 8489D										
3	PHASE	4	WIRE	JOB NAME: Aquavista										
100		AMP MAINS												
MLO		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	2ERRCLE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						LOAD PER PHASE								
						a	b	c						
LTG CORRIDOR L2 ~ L5				20	1a	1040			2a	20	64	13		LTG MECH RM/ELEV MACH RM L13
LTG CORRIDOR L6 ~ L9				20	3b	968			4b	20	32	4		LTG ELEV. SHAFT L13
LTG CORRIDOR L10 ~ L13				20	5c		128		6c	20				SPARE
				20	7a		872		8a	20				SPARE
				20	9b				10b	20				SPARE
				20	11c				12c	20				SPARE
				20	13a				14a	15				For Metering
				20	15b				16b					
				20	17c				18c					
				20	19a				20a					
				20	21b				22b					
				20	23c				24c					
				20	25a				26a					
				20	27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

[illegible]

PANEL TYPE: TYPE1 SPRINKLER PROOF

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS
 3 PHASE 4 WIRE
 100 AMP MAINS
 MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Note - * Lockable Breaker

100 AMP MAINS						2ERRCPE			JOB NAME: Aquavista							
MLO MAIN BREAKER						LOAD PER PHASE			Note - * Lockable Breaker							
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION		
Chimney Exhaust Fan VENTC-01				15	1a	200			2a	15*				ELEV #3 LTG ELEV. MACH. RM L13		
						250			4b	15*				ELEV #3 PWR ELEV. MACH. RM L13		
					3b		200			6c	15*				ELEV #4 LTG ELEV. MACH. RM L13	
					5c				200						ELEV #4 PWR ELEV. MACH. RM L13	
									250	8a	15*					
Air Cooled Condenser Unit ACUC-05				50	7a	200								ELEV #3 & #4 CONTROLLER ELEV. MACH. RM L13		
						2882			10b	15*				ELEV #3 & #4 CONTR. PANEL ELEV. MACH. RM L13		
					9b		200			12c	15*				ELEV #3 & #4 CONTR. PANEL ELEV. MACH. RM L13	
									0							
					11c				2882	14a	15					SPARE
Unitary DX Unit ACC-05				15	13a	0										
						365			16b	15					SPARE	
					15b					18c	15					SPARE
							365									
					17c				365	20a	15					PWR E CACF RM L1
MOTORIZED DAMPER GEN ROOM L13				15	19a									PWR E CACF RM L1		
					21b				22b	15				PWR E CACF RM L1		
					23c				24c	15				PWR E CACF RM L1		
					25a				26a	15				REC E CACF RM L1		
					27b				28b	15				For Metering		
					29c				30c							
					31a				32a							
					33b				34b							
					35c				36c	16				Spare		
									38a	17				Spare		

PANEL SCHEDULE

120/208		VOLTS		JOB NUMBER: 8489D																
3	PHASE	4	WIRE		JOB NAME: Aquavista															
125		AMP MAINS																		
MLO		MAIN BREAKER																		
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	2RRCPE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION						
						LOAD PER PHASE														
						a	b	c												
Chimney Exhaust Fan VENTC-02				15	1a	900			2a	15	180		5	REC MECH RM (1316) L13						
						350			4b	15	180		6	REC GEN RM L13						
Chimney Exhaust Fan VENTC-02				15	3b		1080		6c	15	180		4	REC ELEV MACH RM L13						
							350													
Hot Water Unit Heater UHC-14, UHC-17				20	5c			720	8a	15	180		2	REC ELEV SHAFT L13						
								480												
Hot Water Unit Heater UHC-15, UHC-16				20	7a	360			10b	20	180		1	REC COOLING TOWER L13						
						480														
SPARE				20	9b		180		12c	15				SPARE						
SPARE				20	11c			0	14a	20	180		1	REC ROOF L14						
REC WINDOW WASHING ROOF (E)				30	13a	180			16b	15	180		1	REC (IRRIGATION) ROOF L13						
						480														
						15b		180												
REC WINDOW WASHING ROOF (E)				15	17c			360	18c	15	180		2	REC (IRRIGATION) ROOF L11/L7						
REC WINDOW WASHING ROOF (E) /L13				30	19a	0			20a	15				SPARE						
						21b		0												
REC WINDOW WASHING ROOF (E) /L13				15	23c			0	24c	15				For Metering						
REC WINDOW WASHING L7				30	25a	0			26a											
						27b		0												
REC WINDOW WASHING L7				15	29c			180	30c	15	180		1	REC MECH RM (1316) L13						
MOTORIZED DAMPER MECH ROOM L13				15	31a	180			32a	15	180		1	REC MECH RM (1316) L13						
ACUC-17 ROOF				15	33b		360		34b	20	180		2	REC CONDO CCU RM L13						
							960													
						35c								360	36c	20	180		2	REC CONDO CCU RM L13
														960						
									38a	20	180		2	REC CONDO CCU RM						

ACUC-18 ROOF				15	37a	360			38a	20	100		2	CONDO 000 RM L13
						960			40b					
					39b									
ACUC-19 ROOF				15	41c				42c					
						960			44a					
					43a									
						960			46b					
					45b				48c					
					47c				50a					
					49a				52b					
					51b				54c					
					53c				56a					
					55a				58b					
					57b				60c					
					59c									



TOTAL WATT
TOTAL AMP

5210	4070	4020
13300		
37		

PANEL TYPE: TYPE1 SPRINKLER PROOF

LOCATION: MECH PENTHOUSE-EAST

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

60A NA MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS		2POOL			JOB NAME: Aquavista							
60A NA		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
REC	180		2	20	1a	120			2a	15				SPARE
						360			4b	15				SPARE
SPARE				20	3b		240							
SPARE				20	5c			0	6c	15				SPARE
SPARE				20	7a	0			8a	15				SPARE
SPARE				20	9b		0		10b	15				SPARE
SPARE				20	11c			0	12c	15				SPARE
					13a	0			14a					
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
						480	240	0						
						720			PANEL TYPE: NEMA TYPE3					
						2			LOCATION: LEVEL 1 MEZZ					



PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

400 AMP MAINS

MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

400						AMP MAINS			2P1RC-EV			JOB NAME: Aquavista				
						MAIN BREAKER			LOAD PER PHASE							
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION		
RESENDITAL UNIT P3 LEVEL				20	1a	0			2a	15				METERING		
						1920			4b							
RESENDITAL UNIT P3 LEVEL				20	3b		0								6c	
							1920									
RESENDITAL UNIT P3 LEVEL				20	5c			0								
								1920	8a	20				RESENDITAL UNIT P2 LEVEL		
RESENDITAL UNIT P3 LEVEL				20	7a	1920										
									10b	20				SPARE		
RESENDITAL UNIT P2 LEVEL				20	9b		1920									
									12c	20				SPARE		
RESENDITAL UNIT P2 LEVEL				20	11c			1920								
									14a	20				SPARE		
					13a											
									16b							
					15b											
									18c							
					17c											
									20a							
					19a											
									22b							
					21b											
									24c							
					23c											
						3840	3840	3840	PANEL TYPE: TYPE1-SPRINKLER PROOF							
						TOTAL WATT			LOCATION: LEVEL P1 EAST ELEC RM							
						TOTAL AMP										
						11520										
						32										

TOTAL WATT
TOTAL AMP

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS						2P1RCMW			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
Exhaust Fan EFC-28, 29				20	1a	0			2a	15				For Metering
						600			4b					
Exhaust Fan EFC-32,33				20	3b		0		6c					
							600							
Fan Coil Unit HFCC-09				15	5c			0						Air Cooled Condenser Unit ACUC-09
								252	8a	20				
					7a	1716								
						252			10b					
Fan Coil Unit HFCC-10				15	9b		1716							Air Cooled Condenser Unit ACUC-10
							372		12c	20				
					11c			1716						
								372	14a					
Fan Coil Unit HFCC-11				15	13a	1716								Unitary DX Unit ACC-09
						408			16b	15				
					15b		135.2							
							408		18c					
Fan Coil Unit HFCC-16				15	17c			135.2						Unitary DX Unit ACC-10
								288	20a	15				
					19a	135.2								
						288			22b					
Force Flow Cabinet Heater EHC-05,06				20	21b		135.2							Spare
							690		24c	15				
Force Flow Cabinet Heater EHC-07,08				20	23c			690						
Force Flow Cabinet Heater EHC-12				20	25a				26a	15				Spare
						345								
Force Flow Cabinet Heater EHC-14,15				20	27b				28b		15			
Force Flow Cabinet Heater EHC-19				20	29c		690		30c	15				Spare
								345	32a					
Hot Water Unit Heater UHC-07, UHC-08				20	31a									
						480			34b					
Hot Water Unit Heater UHC-12 UHC-13				20	33b		480							
									36c					
Air Cooled Condenser Unit				15	35c			1080	38a					

ACUC-08				15	37a	1080	240	40b					
Unitary DX Unit ACC-08				15	39b	240		42c					
					41c		240						



TOTAL WATT

TOTAL AMP

7020.2	5466.4	5118.2
17605		
49		

PANEL TYPE: TYPE 1 SPRINKLER PROOF

LOCATION: P1 ELECTRICAL ROOM WEST

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

125 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

AMP MAINS						2P1RCME			JOB NAME: Aquavista						
MAIN BREAKER															
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
						a	b	c							
Exhaust Fan 22,23,24				20	1a	540			2a	15				For Metering	
Exhaust Fan 25,26,27				20	3b		360		4b						
Exhaust Fan 30				20	5c			300	6c						
Exhaust Fan 34,35				20	7a	1716			8a	20				Air Cooled Condenser Unit ACUC-11	
						600			10b						
Exhaust Fan 36				20	9b		1716			20				Air Cooled Condenser Unit ACUC-12	
							300		12c						
Force Flow Cabinet Heater EHC-09, EHC-10				20	11c			1716							14a
Force Flow Cabinet Heater EHC-11				20	13a	1716		690							
						345			16b	15				Air Cooled Condenser Unit ACUC-13	
Force Flow Cabinet Heater EHC-13,16				20	15b		936								18c
							345								
Force Flow Cabinet Heater EHC-17, EHC-18				20	17c			936		15				Unitary DX Unit ACC-11	
								345	20a						22b
Force Flow Cabinet Heater EHC-20				20	19a	135.2									
Force Flow Cabinet Heater EHC-21				20	21b		135.2			15				Unitary DX Unit ACC-12	
							345		24c						26a
Hot Water Unit Heater UHC-05, UHC-06				20	23c			135.2							
								480		15				Unitary DX Unit ACC-13	
Hot Water Unit Heater UHC-09				20	25a	135.2									28b
						240									
Hot Water Unit Heater UHC-10, UHC-11				20	27b		104			15				Unitary DX Unit ACC-13	
							480		30c						32a
					29c			104							
ACUC-14 P2				15	31a			960		15				Spare	
						960				15				Spare	
ACUC-15				15	33b		960			15				Spare	

P2					15	35c				38a	15				Spare
									960						Spare
ACUC-16 P2					15	37a			960						
						39b									
									960						
						41c									
						43a									
						45b									
						47c									
						49a									
						51b									
						53c									
						55a									
						57b									
						59c									



TOTAL WATT

TOTAL AMP

7692.4	6641.2	6626.2
20960		
58		

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: P1

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS						2P1RCAM			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
Make Up Air Unit -MAUC 01 ERV Motor				20	1a	372			2a	15				Fancoil Unit HFCC-13
						370			4b					
Energy Recovery Ventilator ERVC-E				30	3b		372			15				Fancoil Unit HFCC-14
							1260		6c					
Energy Recovery Ventilator ERVC-F				30	5c			288		15				Fancoil Unit HFCC-14
								1260	8a					
Vretical fan coil Unit VFCC-01,02,03				20	7a	288				15				Fancoil Unit HFCC-15
						480			10b					
Vretical fan coil Unit VFCC-04,05,06				20	9b		408			15				Fancoil Unit HFCC-15
							480		12c					
Vretical fan coil Unit VFCC-07,08,09				20	11c			408		15				For Metering
									14a					
Vretical fan coil Unit VFCC-10,11,12				20	13a	345				15				For Metering
						480			16b					
Vretical fan coil Unit VFCC-13				20	15b		480			60				Pool panel '2POOL'
									18c					
SPARE				15	17c			372	20a	60				Pool panel '2POOL'
					19a	480			22b					
						372				15				Exhaust Fan EFC-38
									26a					
Fancoil Unit HFCC-02				15	21b		240			15				AUTO FAUCET P1 LEVEL
							372		24c					
					23c			0		15				AUTO FAUCET WEST LOBBY LEVEL 1
								372	26a					
Fancoil Unit HFCC-03				15	25a	120				15				AUTO FAUCET AMENITY LEVEL 2
						372			28b					
					27b		200			15				FCC-1 GUEST RM LEVEL 2
							372		30c					
Fancoil Unit HFCC-04				15	29c			200		15				EF-B JANITOR/LAUNDRY LEVEL 2
								252	32a					
					31a					15				Spare
						252			34b					
Fancoil Unit HFCC-05				15	33b		372			15				Spare
								70	36c					
					35c			372		15				Spare
									38a					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

125 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

125 AMP MAINS						2P4RCM			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
Low Heating Boiler HBC-02				20	1a	1560			2a	15				For Metering
Low Heating Boiler HBC-03				20	3b		1560		4b					
Low Heating Boiler HBC-04				20	5c			1560	6c					
Low Heating Boiler HBC-05				20	7a	1560			8a	20				Low Heating Boiler HBC-08
Low Heating Boiler HBC-06				20	9b		400		10b	15	100		4	MOTORIZED DAMPER CHILLER ROOM P4
Low Heating Boiler HBC-07				20	11c			400	12c	15	100		4	MOTORIZED DAMPER BOILER ROOM P4
Exhaust Fan 09,11				20	13a			1560	14a	20				Spare
Exhaust Fan 12,13,14				20	15b	320			16b	15				Spare
Exhaust Fan 15, 16				20	17c		550		18c	15				Spare
Exhaust Fan 17,18				20	19a			220	20a					
Exhaust Fan 19,20,21				20	21b	220			22b					
Force Flow Cabinet Heater EHC-01,02				20	23c			690	24c					
Force Flow Cabinet Heater EHC-03,04				20	25a	690			26a					
Hot Water Unit Heater UHC-01, UHC-02				20	27b		480		28b					
Hot Water Unit Heater UHC-03, UHC-04				20	29c			480	30c					
Air Cooled Condenser Unit ACUC-07				15	31a	1080			32a					
					33b		1080		34b					
					35c			240	36c					
Unitary DX Unit				15					38a					

PANEL SCHEDULE

347/600

VOLTS

3

PHASE

3

WIRE

200

AMP MAINS

200NA

MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

200		AMP MAINS		6P1RCME			JOB NAME: Aquavista							
200NA		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
Exhaust Fan EFC-31				15	1a	187			2a	15				For Metering
					3b	187			4b					
					5c		187		6c					
								187	8a					
Air Cooled Condenser Unit ACUC-04				20	7a	10357			10b	15				SPARE
					9b	10357			12c					
					11c		10357		14a					
								10357						
Unitary DX Unit ACC-04				15	13a	1673			16b	15				Spare
					15b	1673			18c					
					17c		1673		20a					
								1673						
Elevator #12				125	19a	12433.3			22b	15				Spare
					21b	12433.3			24c					
					23c		12433		26a					
								12433						
					25a				28b					
					27b				30c					
					29c				32a					
					31a				34b					
					33b				36c					
					35c									

PANEL SCHEDULE

347/600

VOLTS

3

PHASE

3

WIRE

200

AMP MAINS

MLO

MAIN BREAKER

JOB NUMBER:

8489D

JOB NAME:

Aquavista

6P1RCM

LOAD PER PHASE

DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
Make Up Air Unit MACU-01 exhaust Fan				15	1a	3452			2a	20				Air Cooled Condenser Unit ACUC-01
						1233			4b					
					3b		3452		6c					
					5c			3452						
								1233	8a	15				Unitary DX Unit ACC-01
Make Up Air Unit MACU-01 Supply Fan				20	7a	558								
						1667			10b					
					9b		558		12c					
					11c			558						
Make Up Air Unit MACU-02				40				1667	14a	20				Air Cooled Condenser Unit ACUC-02
					13a	3452								
						3733			16b					
					15b		3452		18c					
							3733							
MUA-1 Heating Pump PC-14, PC-15 (Duty standby) Each 1.1KW				15	17c			3452		15				Unitary DX Unit ACC-02
								3733	20a					
					19a	558								
						367			22b					
					21b		558		24c					
MUA-1 Heating Pump PC-16, PC-17 (Duty standby) Each 2.2kW				15				367	26a	20				Air Cooled Condenser Unit ACUC-03
					25a	3452								
						733			28b					
					27b		3452		30c					
							733							
DHW Rwcirculation Pump PC-44				15	29c			3452		15				Unitary DX Unit ACC-03
								733	32a					
					31a	558								
						187			34b					
					33b		558		36c					
					35c			558						
								187	38a					



TOTAL WATT

TOTAL AMP

23137	23137	23137
69411		
67		

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: P1

MOUNTING: Surface



TOTAL WATT

TOTAL AMP

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: P1

MOUNTING: Surface

PANEL SCHEDULE

347/600

VOLTS

3

PHASE

3

WIRE

200

AMP MAINS

200 NA

MAIN BREAKER

JOB NUMBER:

8489D

JOB NAME:

Aquavista

6P4RCM**LOAD PER PHASE**

DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
Condenser Water Pump PC-01, PC-02 (Duty standby) Each 30kW					1a	1000			2a	15				For Metering
				100	3b		10000		4b					
					5c			10000	6c					
									8a					
Chilled Water Pump PC-03, PC-04 (Duty standby) Each 30kW					7a	367			10b	15				Boiler#7 Pump PC-21
				100	9b		367		12c					
							10000							
					11c			367	14a					
Boiler #2 Pump PC-06					13a	367			16b	15				Boiler#8 Pump PC-22
				15	15b	500			18c					
							367							
					17c		500		20a					
Boiler #3 Pump PC-07					19a	1867			22b	20				DHW Heating Secondary Pumps PC- 23, PC-24 (Duty standby) Each 5.6kW
				15	21b	500			24c					
							1867							
					23c		500		26a					
Boiler #4 Pump PC-08					25a	187			28b	15				Boiler Room Supply SFC-04
				15	27b	367			30c					
							187							
					29c		367		32a					
Boiler #5 Pump PC-09					31a	367			34b	15				Boiler#6 Pump PC-20
				15	33b	367			36c					
							367							
					35c		367		38a					

	TOTAL WATT	23426	32386	31906	PANEL TYPE:	NEMA TYPE 3
	TOTAL AMP	87718			LOCATION:	Level P4 Chiller room
		84			MOUNTING:	Surface

PANEL SCHEDULE

347/600

VOLTS

3

PHASE

3

WIRE

400

AMP MAINS

300

MAIN BREAKER

JOB NUMBER:

8489D

JOB NAME:

Aquavista

6EP4RCM**LOAD PER PHASE**

DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
Boiler #1 Pump PC-05				15	1a	5600			2a	45				Elevator Sump Pumps PC-40,PC-41 (Each 8.4kW)
						500			4b					
					3b		5600		6c					
							500							
					5c			5600	8a					
Low Temp Secondary Pumps PC-12, PC-13 (Duty standby) Each 15kW				40	7a	1467				20				Elevator Sump Pumps PC-42,PC-43 (Each 2.2kW)
						5000			10b					
					9b		1467		12c					
							5000							
					11c			1467	14a					
Sanitary Sump Pumps PC-30,PC-31 (Each 5.6kW)				35	13a	733				15				Exhaust Fan EFC-01 (2.2kW)
						3733			16b					
					15b		733		18c					
							3733							
					17c			733	20a					
Sanitary Sump Pumps PC-32,PC-33 (Each 8.4kW)				45	19a	733				15				Exhaust Fan EFC-02 (2.2kW)
						5600			22b					
					21b		733		24c					
							5600							
					23c			733	26a					
Weeping Sump Pumps PC-34,PC-35 (Each 8.4kW)				45	25a	733				15				Exhaust Fan EFC-03 (2.2kW)
						5600			28b					
					27b		733		30c					
							5600							
					29c			733	32a					
Elevator Sump Pumps PC-36,PC-37 (Each 5.4kW)				35	31a	733				15				Exhaust Fan EFC-04 (2.2kW)
						3733			34b					
					33b		733		36c					
							3733							
					35c			733	38a					
								3733						

Elevator Sump Pumps PC-38, PC-39 (Each 8.4kW)				45	37a	5600	40b	15	For Metering
					39b	5600	42c		
					41c				
						5600	44a		
Fan Coil Unit HFCC-08 (Each 2.2kW)				15	43a	500	46b	15	Spare
					45b	500	48c		
					47c				
						500	50a		
					49a		52b	15	Spare
					51b		54c		
					53c				
							56a		
					55a		58b		
					57b				
							60c		
					59c				



TOTAL WATT

TOTAL AMP

40265	40265	40265
120795		
116		

PANEL TYPE: NEMA TYPE 3

LOCATION: Level P4 Chiller room

MOUNTING: Surface

PANEL SCHEDULE

347/600

VOLTS

3

PHASE

3

WIRE

400

AMP MAINS

MLO

MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

6EP1RCP2

LOAD PER PHASE

DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
Domestic Booster Pump PC-27				40	1a	3733			2a	15				For Metering
					3b		3733		4b					
					5c			3733	6c					
					7a	733			8a					
DHW Heating Pumps PC-23, PC-24(Duty and Standby) Each 5.6kW				20	9b		733		10b	15				Spare
					11c			733	12c					
					13a	733			14a					
					15b		733		16b					
Fan Coil Unit HFCC-06 (2.2kW)				15	17c			733	18c	15				Spare
					19a	12500			20a					
					21b	733	12500		22b					
					23c			12500	24c					
Fan Coil Unit HFCC-07 (2.2kW)				15	25a			733	26a	90				SP-2EP1RCP Through 75kVA transformer
					27b				28b					
					29c				30c					
					31a			500	32a					
					33b				34b					
					35c				36c					
									38a					



TOTAL AMP

MOUNTING: Surface

PANEL SCHEDULE

347/600 VOLTS

3 PHASE 3 WIRE

400 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

400 AMP MAINS					6EP1RCM			JOB NAME: Aquavista						
MLO MAIN BREAKER					LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b							c
Jockey Pump PC-29				15	1a	733			2a	15				Stair Pressurization Fan SFC-01 (2.2kW)
						746			4b					
					3b		733		6c					
							746							
					5c			733						
Exhaust Fan EFC-05 (2.2kW)				15				746	8a	15				Stair Pressurization Fan SFC-02 (2.2kW)
					7a	733								
						733			10b					
					9b		733		12c					
					11c			733						
Exhaust Fan EFC-06 (2.2kW)				15				733	14a	15				Stair Pressurization Fan SFC-03(2.2kW)
					13a		733							
									16b					
					15b			733			18c			
					17c									
Exhaust Fan EFC-07 (2.2kW)				20				733	20a	15				For Metering
					19a		1233							
									22b					
					21b			1233			24c			
					23c									
Exhaust Fan EFC-08 (2.2kW)				20				1233	26a	15				Spare
					25a		1233							
									28b					
					27b			1233			30c			
					29c									
Exhaust Fan EFC-10(2.2kW)				15				1233	32a	90				P-2EP1RCPT' Through 75kVA transformer
					31a	15000								
						250			34b					
					33b		15000							
							250		36c					
					35c			15000						
								250	38a					



TOTAL AMP

MOUNTING: Surface

LOW VOLTAGE LIGHTING RELAY SCHEDULE

PANEL ID: LVP-1
LOCATION MAIN ELEC RM (LEVEL P1)

CIRCUIT #	RELAY #	DESCRIPTION	LOCAL SWITCH	MASTER SWITCH	TIMER	CTRL DEVICE	COMMENTS
2P1RCAL-2.1	1	Mens Barrier Free Washroom			X	OS	120V
2P1RCAL-2.2	2	Mens Change Room			X	OS	120V
2P1RCAL-2.3	3	Mens Barrier Free Shower			X	OS	120V
2P1RCAL-2.4	4	Mens Shower			X	OS	120V
2P1RCAL-2.5	5	Mens Steam Room	LV switch		X		120V
2P1RCAL-2.6	6	Womens Steam Room	LV switch		X		120V
2P1RCAL-2.7	7	Womens Change Room			X	OS	120V
2P1RCAL-2.8	8	Womens Barrier Free Shower			X	OS	120V
2P1RCAL-3.1	9	GYM-DL2B Centre	LV switch		X		120V
2P1RCAL-3.2	10	GYM-DL8	LV switch		X		120V
2P1RCAL-3.3	11	GYM-Outer DL2B, 11A	LV switch		X		120V
2P1RCAL-4.1	12	Spinning Room DL2Bs	LV switch		X		120V
2P1RCAL-4.2	13	Spinning Room DL11A	LV switch		X		120V
2P1RCAL-4.3	14	Lobby DL5 Fixtures+West Elev Lobby DL8			X		120V
2P1RCAL-5.1	15	Janitor Room	LV switch		X		120V
2P1RCAL-5.2	16	AV Room	LV switch		X		120V
2P1RCAL-5.3	17	Yoga room	LV switch		X		120V
2P1RCAL-5.4	18	Stair-L/Corridor			X		120V
2P1RCAL-5.5	19	Stair-L - Wall Mounted			X		120V
2P1RCAL-6.1	20	Parcel Room	LV switch		X		120V
2P1RCAL-6.2	21	Lobby			X		120V
2P1RCAL-8.1	22	Lobby			X		120V
2P1RCAL-7.1	23	Mail Room	LV switch		X		120V
2P1RCAL-7.2	24	Mail Pickup			X		120V
2P1RCAL-7.4	25	T Bar	LV switch		X		120V
2P1RCAL-7.5	26	Meeting Room	LV switch		X		120V
2P1RCAL-7.6	27	Kitchen	LV switch		X		120V
2P1RCAL-9.1	28	Admin Office	LV switch		X		120V
2P1RCAL-9.2	29	West Elevator Lobby			X		120V
2P1RCAL-9.3	30	Staff Room			X	OS	120V
2P1RCAL-2.9	31	Womens shower			X	OS	120V
2P1RCAL-2.10	32	Womens barrier Free wash room			X	OS	120V
2P1RCAL-2.11	33	vestibules			X		120V
2EP1RCLW-8	34	Type 'LS1' - L2 Exterior			X	XX	120V
2EP1RCLW-8	35	Type 'LS2' - L2 Exterior			X	XX	120V
2P1RCAL-11.1	36	Billiard room			X	OS	120V
2P1RCAL-11.2	37	Lounge Area (213) - TYPE 'DL1A'			X	OS	120V
2P1RCAL-11.3	38	Lounge Area (213) - TYPE 'DL3'			X	OS	120V
2P1RCAL-11.4	39	Lounge Area (213) - TYPE 'DL17'			X	OS	120V
2P1RCAL-11.5	40	Lounge Area (213) - TYPE 'DL8'			X	OS	120V
2EP1RCLW-11	41	Lounge Area (213) - TYPE 'DL4D'			X	XX	120V
2P1RCAL-13.1	42	Lounge Area (214) - TYPE 'DL1A' & 'DL1B'			X	OS	120V
2P1RCAL-13.2	43	Lounge Area (214) - TYPE 'DL8'			X	OS	120V
2P1RCAL-13.3	44	Lounge Area (214) - TYPE 'DL18'			X	OS	120V
2P1RCAL-13.4	45	Kitchen			X	OS	120V
2EP1RCLW-11	46	Lounge Area (214) - TYPE 'DL4D'			X	XX	120V
2P1RCAL-15.1	47	North Corridor - TYPE 'DL23'			X		120V
2P1RCAL-15.2	48	North Corridor - TYPE 'DL8'			X		120V
2EP1RCLW-10	49	Type 'LS3b' - L2 Exterior			X	XX	120V
2EP1RCLW-10	50	Type 'LS3a'/'LS3c' - L2 Exterior Pool Area			X	XX	120V
2P1RCAL-16	51	Type 'LS1' - L2 Exterior			X		120V
2P1RCAL-16	52	Type 'LS2' - L2 Exterior			X		120V
2P1RCAL-18	53	Type 'LS3c' - L2 Exterior Pool Area			X		120V
	54	Spare					
	55	Spare					
	56	Spare					
	57	Spare					
	58	Space					
	59	Space					
	59	Space					
	60	Space					

NOTES: COMMISSIONING SHALL BE DONE BY FACTORY AUTHORIZED PERSONAL AND TIMER FUNCTION TO BE COORDINATED WITH THE OWNER. PROVIDE MASTER CONTROL SWITCH IN SECURITY ROOM TO OVERRIDE THE RELAY PANEL
XX-LIGHTING COMES TO 'FULL BRIGHTNESS'/'TURN ON' WHEN NORMAL POWER FAILS
D-DIMMER
OS- OCCUPANCY SENSOR
DL-DAYLIGHT SENSOR
LVS-LOW VOLTAGE SWITCH

LOW VOLTAGE LIGHTING RELAY SCHEDULE

PANEL ID: LVP-2
LOCATION: EAST ELEC RM (LEVEL P1)

CIRCUIT #	RELAY #		DESCRIPTION	LOCAL SWITCH	MASTER SWITCH	TIMER	CTRL DEVICE	COMMENTS
2P1RCLE-2.1	1		EAST ELEV LOBBY - TYPE 'DL1A'			X		120V
2P1RCLE-2.2	2		EAST ELEV LOBBY - TYPE 'DL8'			X		120V
2P1RCLE-2.3	3		EAST ELEV LOBBY - TYPE 'DL12'			X		120V
2P1RCLE-4.1	4		EAST ELEV LOBBY - TYPE 'DL2B'			X		120V
2P1RCLE-4.2	5		EAST ELEV LOBBY - TYPE 'DL4A'			X		120V
2P1RCLE-4.3	6		EAST ENTRANCE VEST - TYPE 'DL8'			X		120V
	7		SPARE					
	8		SPARE					
	9		SPARE					
	10		SPARE					
	11		SPARE					
	12		SPARE					

NOTES: COMMISSIONING SHALL BE DONE BY FACTORY AUTHORIZED PERSONAL AND TIMER FUNCTION TO BE COORDINATED WITH THE OWNER. PROVIDE MASTER CONTROL SWITCH IN SECURITY ROOM TO OVERRIDE THE RELAY PANEL
 XX-LIGHTING COMES TO 'FULL BRIGHTNESS'/'TURN ON' WHEN NORMAL POWER FAILS
 D-DIMMER
 OS- OCCUPANCY SENSOR
 DL-DAYLIGHT SENSOR
 LVS-LOW VOLTAGE SWITCH

Artscpae Panel Schedules

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

100NA MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS				2P4RAM			JOB NAME: Aquavista					
100NA		MAIN BREAKER				LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
HEATING BOILER HBA-01				20	1a	1560			2a	15				For Metering
HEATING BOILER HBA-02				20	3b		1560		4b					
HEATING BOILER HBA-03				15	5c			0	6c					
HEATING BOILER HBA-04				15	7a			600	8a	20				Spare
HEATING BOILER HBA-04				15	7a	600			10b	20				Spare
Exhaust Fan EFA-01,02				15	9b		500		12c	15				Spare
Exhaust Fan EFA-03				15	11c				14a	15				Spare
Unit Heater UHA-01,02				15	13a			400	16b					
Unit Heater UHA-01,02				15	13a	460			18c					
Unit Heater UHA-03,04				15	15b		460		20a					
Unit Heater UHA-03,04				15	15b				22b					
Unit Heater UHA-05				15	17c				24c					
Unit Heater UHA-05				15	17c			230	26a					
					19a				28b					
					21b				30c					
					23c				32a					
					25a				34b					
					27b				36c					
					29c				38a					
					31a				40b					
					33b									
					35c									
					37a									
					39b									

					42c						
				41c							
					2620	2520	1230				
					6370						
					18						



TOTAL WATT
TOTAL AMP

PANEL TYPE: NEMA TYPE 3
LOCATION: LEVEL P4
MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS					2P1MRAM			JOB NAME: Aquavista						
MLO MAIN BREAKER					LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b							c
Exhaust Fan EFA-04,05				15	1a	0			2a	15			For Metering	
						500			4b					
Exhaust Fan EFA-06,07				15	3b		0							
							500		6c					
Entance Heater EHA-01,02				15	5c			0						
								690	8a	15			VFCA-01 OFFICE L1M	
Entance Heater EHA-03,04				15	7a	1160								
						690			10b	15			VFCA-02 OFFICE L1M	
Unit Heater UHA-06				15	9b		1160							
							230		12c	15			VFCA-03 OFFICE L1M	
Unit Heater UHA-07				15	11c			1160						
								230	14a	15			AUTO FAUCET B.F. W.C. LEVEL 1M	
SPARE				20	13a	200								
									16b	15	100	4	MOTORIZED DAMPER BOILER/CHILLER RM P4	
SPARE				20	15b		400							
									18c	15			Spare	
					17c									
									20a	15			Spare	
					19a									
									22b	15			Spare	
					21b									
									24c					
					23c									
									26a					
					25a									
									28b					
					27b									
									30c					
					29c									
									32a					
					31a									
									34b					
					33b									
									36c					
					35c									
									38a					
					37a									
									40b					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						2P1MRAP			Feed Through Panel					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
REC RA1 CORRIDOR L2 ~ L7	6		180	20	1a	1080			2a	15	180		6	REC MECH RM P4
REC RA2 CORRIDOR L2 ~ L7	6		180	20	3b	1080	1080		4b	15	180		6	REC MECH RM P4
REC RA3 CORRIDOR L2 ~ L7	6		180	20	5c		1080	720	6c	15	180		4	REC ELEV #5/6 PIT P3
REC RA4 CORRIDOR L2 ~ L7	6		180	20	7a	0		1080	8a	20				SPARE
REC RA5 CORRIDOR L2 ~ L7	6		180	20	9b	1080	1080		10b	15	180		6	REC LOCKER/MECH RM P2
REC RA6 CORRIDOR L2 ~ L7	6		180	20	11c		1080	720	12c	15	180		4	REC LOCKER RM/ELEV LOBBY P2
REC RA7 CORRIDOR L2 ~ L7	6		180	20	13a	1000		1080	14a	15	500		2	DOOR OPNER ELEV LOBBY P2
REC RA1/RA2/RA3 CORRIDOR L8 ~ L10	6		180	20	15b	1080	0		16b	20				SPARE
REC RA4/RA5/RA6 CORRIDOR L8 ~ L10	6		180	20	17c		1080	540	18c	15	180		3	REC CACF RM/ MAIL RM L1
REC RA7 CORRIDOR L8 ~ L10	2		180	20	19a	540		1080	20a	20	180		3	REC ELEV LOBBY L1
SPARE				20	21b	360	0		22b	20				SPARE
REC ELEV LOBBY L1M	4		180	20	23c		0	540	24c	15	180		3	REC MECH RM P3
REC ARTSCAPE BOARDROOM L1M	6		180	15	25a	0		720	26a	15				SPARE
REC ARTSCAPE ADMIN L1M	6		180	15	27b	1080	200		28b	15	200		1	PWR GARBAGE CONTROL L1M
REC ARTSCAPE OFFICE L1M	5		180	15	29c		1080	1080	30c	15	180		6	REC GARBAGE RM L1M
DOOR OPNER ELEV LOBBY L1M	2		500	15	31a			900	32a	15				SPARE
SPARE				15	33b	0	720		34b	15	180		4	REC ARTSCAPE ELEC RM P1M
SPARE				15	35c		0		36c	15				For Metering
SPARE				15	37a			0	38a					
					39a				40b					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

200		AMP MAINS				2P1MRAL			JOB NAME: Aquavista					
MLO		MAIN BREAKER				LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
LTG CORRIDOR L2 L3		16	26	20	1a	104 832			2a	20	26	4		LTG ELEV LOBBY P2
LTG CORRIDOR L4 L5		16	26	20	3b		0 832		4b	20				SPARE
LTG CORRIDOR L6 L7		16	26	20	5c			1040 832	6c	20	26	40		LTG ELEV LOBBY L1
LTG CORRIDOR L8 L9		16	26	20	7a				8a	20				SPARE
LTG GARABGE CHUTE L8 L9		9	26	20	9b	832			10b	20	26	40		LTG ELEV LOBBY L1M
					9b		234		12c	20	26	40		LTG OFFICE L1M
					11c			1040						
					13a				14a					
					15b				16b	15				For Metering
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
					37a				38a					
					39b				40b					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS						2RRAAM			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
ENERGY RECOVERY UNIT ERVA-E				15	1a	0			2a	15				For Metering
						660			4b					
ENERGY RECOVERY UNIT ERVA-F				15	3b		0		6c					
							660							
Chimney Vent Exhaust Fan VENTA-01				15	5c			0						
								350	8a	15	100		5	MOTORIZED DAMPER MECH RM L13
Chimney Vent Exhaust Fan VENTA-02				15	7a	500								
						350			10b	20				Spare
Exhaust Fan EFA-09				15	9b									
							300		12c	20				Spare
Unit Heater UHA-08,09				15	11c									
								460	14a	15				Spare
Unit Heater UHA-10				15	13a									
						230			16b	15				Spare
AUTO FAUCET UNIVETSAL W/C L13				15	15b									
							200		18c					
					17c									
									20a					
					19a									
									22b					
					21b									
									24c					
					23c									
									26a					
					25a									
									28b					
					27b									
									30c					
					29c									
									32a					
					31a									
									34b					
					33b									
									36c					
					35c									
									38a					
					37a									
									40b					
					36c									

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

2RRAP

Feed Through Panel

DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
SPARE				15	1a	720			2a	20	180		4	REC AMENITY L13
SPARE				15	3b	500	720		4b	20	180		4	REC AMENITY L13
REC MECH RM L13	6		180	15	5c			720	6c	20	180		4	REC AMENITY L13
REC ELEV MACH RM L13	3		180	15	7a	180		1080	8a	15	180		1	REC TV AMENITY L13
REC ELEV SHAFT L13	2		180	15	9b	540	720		10b	20	180		4	REC AMENITY KITCHEN L13
REC COOLING TOWER L13	1		180	20	11c		360	1000	12c	15	1000		1	FRIDGE AMENITY KITCHEN L13
REC ELEC RM L13	4		180	15	13a	1000		180	14a	15	1000		1	DISHWASHER AMENITY KITCHEN L13
REC GENERATOR RM L13	5		180	15	15b	720	1000		16b	20	1000		1	MW AMENITY KITCHEN L13
SPARE				15	17c		900	1000	18c	15	500		2	DOOR OPNER AMENITY L13
SPARE				15	19a			0	20a	15				For Metering
SPARE				15	21b				22b					
SPARE				15	23c				24c					
SPARE				15	25a				26a					
REC MECH ROOM L13	1		180	15	27b	180			28b	15				SPARE
REC MECH ROOM L13	1		180	15	29c		180		30c	15				SPARE
HAND DRYER UNIVETSAL W/C L13	1		1400	20	31a			1400	32a					SPARE
					33b				34b					
					35c				36c					
					37a				38a					
					39b				40b					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

200 AMP MAINS						2RRAL			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
LTG MECH RM L13		64	6	20	1a	0			2a	20				LTG AMENITY L13
LTG COOLING TOWER L13		100	5	20	3b	384	0		4b	20				LTG AMENITY L13
							500		6c	20				LTG AMENITY L13
SPARE				20	5c			0						
SPARE				20	7a				8a	15				For Metering
SPARE				20	9b				10b					
					11c				12c					
					13a				14a					
					15b				16b	15				Spare
					17c				18c	15				Spare
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
					37a				38a					
					39b				40b					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						RP-GEN RA									
						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c							
GENERATOR BATTERY CHARGER				15	1a	500			2a	20				BLOCK HEATER	
						200			4b						
					3b		500								
					5c			500	6c						
					7a	0			8a						
					9b		0		10b						
					11c			0	12c						
						700	500	500	PANEL TYPE: TYPE1-SPRINKLER PROOF						
						TOTAL WATT			LOCATION: LEVEL 13 GENERATOR RM ARTSCAPE						
						TOTAL AMP			MOUNTING: SURFACE						
						1700									
						5									



PANEL SCHEDULE

347/600		VOLTS		JOB NUMBER: 8489D										
3	PHASE	3	WIRE	JOB NAME: Aquavista										
200		AMP MAINS												
200NA		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	6P4RAM			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						LOAD PER PHASE								
						a	b	c						
Cond.Water Pump(11.2kW Each) PA-01/PA-02 Standby Duty				40	1a	733			2a	15				DHW Heating Sec Pump (2.2kW Each) PA-13/PA-14 Standby Duty
						3733			4b					
					3b		733		6c					
					5c			733						
Cooling Heating Water Pump(7.5kW Each) PA-03/PA-04 Standby Duty				25	7a	187			8a	15				DHW Recirculating Pump (.56kW Each) PA-19
						2500			10b					
					9b		187		12c					
					11c			187						
Boiler Pump#1(1.5kW) PA-05				15	13a	187			14a	15				DHW Recirculating Pump (.56kW Each) PA-20
						500			16b					
					15b		187		18c					
					17c			187						
Boiler Pump#2(1.5kW) PA-06				15				500	20a	15				For Metering
					19a	500			22b					
					21b		500		24c					
					23c			500						
High Temp Secondary Pump(3.7kW Each) PA-07/PA-08 Standby Duty				15	25a				26a	15				Spare
						1233			28b					
					27b		1233		30c					
					29c			1233						
Boiler Pump#3(0.75kW) PA-11					31a				32a	15				Spare
						250			34b					
					33b		250		36c					
					35c			250						
Boiler Pump#4(0.75kW) PA-12					37a	250			38a	15				Spare
					39b				40b					

PANEL SCHEDULE

347/600 VOLTS

3 PHASE 3 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						6P1MRAM									
						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	a	b	c							
Fan Coil Unit HFCA-01				15	1a	1195			2a	15				For Metering	
					3b		1195		4b						
					5c			1195	6c						
					7a	2324			8a						
Unitary DX Unit ACA-01				15	9b	996	2324		10b	20				Air Cooled Condenser Unit ACUA-01	
					11c		996	2324	12c						
					13a	2324			14a						
					15b	996	2324		16b	20					
Unitary DX Unit ACA-02				15	17c		996	2324	18c					Air Cooled Condenser Unit ACUA-02	
					19a	2324			20a						
					21b	996	2324		22b	20					
					23c		996	2324	24c						
Unitary DX Unit ACA-03				15	25a	2324			26a					Air Cooled Condenser Unit ACUA-03	
					27b	996	2324		28b	20					
					29c		996	2324	30c						
					31a	2324			32a						
Unitary DX Unit ACA-04				15	33b				34b	15				Spare	
					35c				36c						
					37a	2324			38a						
					39b	996	2324		40b	15					

PANEL SCHEDULE

347/600 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS				6P1MRAP			JOB NAME: Aquavista					
MLO		MAIN BREAKER				LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
LTG MECH/LOCKER RM P4/P3/P2/L1M		64	18	20	1a	1600			2a	15				For Metering
LTG PARKING P2		64	24	20	3b		1568		4b					
				20	5c			384	6c					
				20	7a	32			8a					
					9b				10b					
					11c				12c					
					13a				14a					
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
					37a				38a					
					39b				40b					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS				2EP1MRAL			JOB NAME: Aquavista					
MLO		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
LTG CORRIDOR L2 L3		16	26	20	1a	52			2a	20	26	2		LTG ELEV #5/6 LOBBY P2
LTG CORRIDOR L4 L5		16	26	20	3b	832			4b	15	100	2		LTG ELEV #5/6 PIT P3
LTG CORRIDOR L6 L7		16	26	20	5c		0		6c	20				SPARE
LTG CORRIDOR L8 L9		16	26	20	7a			832	8a	20	26	20		LTG ELEV LOBBY L1
					9b	520			10b	20				SPARE
					11c	832			12c	20	26	40		LTG ELEV LOBBY/OFFICE L1M
					13a				14a	15				For Metering
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
					37a				38a					
					39b				40b					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS				2EP1MRAP1			JOB NAME: Aquavista					
MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
PWR CACF RM L1	1		200	15*	1a	0			2a	20*				AIR COMPRESSOR ARTSCAPE ELEC RM P1M LEVEL
PWR CACF RM L1	1		200	15*	3b	200	0		4b					
REC CACF RM L1	1		180	15*	5c			0	6c					
								180	8a	15*				AIR COMPRESSOR CONTROL ARTSCAPE ELEC RM P1M LEVEL
SPARE				15	7a	0				15				For Metering
PWR LVP-4 P1M				15	9b	0			10b					
PWR GREENMAX P2				15	11c		200	0	12c					
PWR POWER PACK P2				15	13a			200	14a					
						200			16b	15				SPARE
SPARE				15	15b		0			15				SPARE
Exhaust Fan EFA-02				15	17c			0	18c					
								300	20a	15				SPARE
					19a					15				SPARE
					21b				22b					
									24c					
					23c									
					25a				26a					
									28b					
					27b									
									30c					
					29c									
									32a					
					31a									
									34b					
					33b									
									36c					
					35c									
									38a					
					37a									
									40b					

PANEL SCHEDULE

347/600 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

200 AMP MAINS						6EP1MRAP1			JOB NAME: Aquavista						
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c							
EXIT SIGNS P4/P3/P2/P1/P1M		100	5	20	1a	9000			2a	90				TX-ERA1 75KVA	
						500			4b						
EXIT SIGNS L1 ~ L9		200	5	20	3b		9000								6c
							1000								
LTG MECH/LOCKER RM P4/P3/P2		64	15	20	5c			9000							
								1344	8a	15				For Metering	
LTG ELEC/MECH RM P1M/L1/L1M		64	12	20	7a										10b
LTG PARKING P2		64	7	20	9b										12c
					11c										
					13a				14a	20				Spare	
					15b				16b	20				Spare	
					17c				18c	15				Spare	
					19a				20a	15				Spare	
					21b				22b						
					23c				24c						
					25a				26a						
					27b				28b						
					29c				30c						
					31a				32a						
					33b				34b						
					35c				36c						
					37a				38a						
					39b				40b						

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100						AMP MAINS		2EP1RAP			JOB NAME: Aquavista				
MLO						MAIN BREAKER									
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
						a	b	c							
ELEV #8 CAB LTG P1 LEVEL				15*	1a	200			2a	15*				REC CONTROL PANEL P1	
ELEV #8 CAB PWR P1 LEVEL				15*	3b	200	328		4b	15	32	4		LTG ELEV SHAFT/PIT P1M / L1 MEZZ	
ELEV #8 COTROLLER P1 LEVEL				15*	5c		200	360	6c	15	180		2	REC ELEV SHAFT/PIT P1M / L1 MEZZ	
SPARE				15	7a	540		200	8a	15	180		3	REC ELEV MACH RM P1	
SPARE				15	9b	200	0		10b	15				SPARE	
					11c		200	0	12c	15				SPARE	
					13a	0		200	14a	15				For Metering	
					15b				16b						
					17c				18c						
					19a				20a						
					21b				22b						
					23c				24c						
						1140	728	760	PANEL TYPE: TYPE1-SPRINKLER PROOF						
						TOTAL WATT			LOCATION: L1 MEZZ ELEV MACH RM (131)						
						TOTAL AMP									



PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Note -* Lockable Breaker

100		AMP MAINS				2ERRAL			JOB NAME: Aquavista					
MLO		MAIN BREAKER				LOAD PER PHASE			Note -* Lockable Breaker					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
LTG ELEV MACH RM/MECH RM L13		64	6	20	1a	0			2a	20				LTG AMENITY L13
LTG ELEV SHAFT L13		32	4	20*	3b	448	0		4b	20				LTG AMENITY L13
LTG ELEC/GENERATOR RM L13		64	10	20	5c		128	0	6c	20				SPARE
SPARE		2	144	15	7a			784	8a	20				SPARE
SPARE				20	9b	352			10b	20				SPARE
SPARE				20	11c				12c	20				SPARE
					13a				14a	15				For Metering
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
						800	128	784	PANEL TYPE: TYPE1-SPRINKLER PROOF					
						TOTAL WATT 1712			LOCATION: LEVEL 13 MECH PENTHOUSE					
						TOTAL AMP 5								



PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

Note -* Lockable Breaker

200		AMP MAINS				2ERRAP			JOB NAME: Aquavista					
MLO		MAIN BREAKER							Note -* Lockable Breaker					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
Exhaust Fan EFA 10,11				15	1a	200			2a	15*	200		1	ELEV #5 CAB LTG L13 ELEV MACH RM
						500								
SPARE				15	3b		200		4b	15*	200		1	ELEV #5 CAB PWR L13 ELEV MACH RM
REC SECURITY L13				20	5c			200	6c	15*	200		1	ELEV #6 CAB LTG L13 ELEV MACH RM
REC SECURITY L13				20	7a	200			8a	15*	200		1	ELEV #6 CAB PWR L13 ELEV MACH RM
SPARE				15	9b		200		10b	15*	200		1	ELEV #5 #6 CONTROLLER L13 ELEV MACH RM
SPARE				15	11c			180	12c	15*	180		1	REC CONTROLLER L13 ELEV MACH RM
MOTORIZED DAMPER GEN ROOM L13				15	13a	0			14a	15				For Metering
					15b		0		16b					
					17c			0	18c					
					19a			0	20a					
					21b				22b	15				Spare
					23c				24c					Spare
						1100	400	580	PANEL TYPE: TYPE1-SPRINKLER PROOF					
						2080			LOCATION: LEVEL 13 MECH PENTHOUSE					
						6								



TOTAL WATT
TOTAL AMP

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						2EP1MRAP2								
						LOAD PER PHASE								
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
O/H DOOR GARAGE P2					1a	180			2a	15	180		1	REC SECURITY DESK L1M
						500			4b	15	180		1	REC SECURITY DESK L1M
				20	3b		180		6c	15	180		1	REC SECURITY DESK L1M
					5c		500		8a	15	180		1	REC SECURITY DESK L1M
								180						
DOOR OPENER L1	2		500	15	7a	180			10b	15	180		1	REC SECURITY DESK L1M
						1000								
REC COMM PANEL	2		180	15	9b		180		12c	15	180		1	REC SECURITY DESK L1M
							360							
REC COMM PANEL	1		180	15	11c			180	14a	15	180		1	REC SECURITY DESK L1M
								180						
REC COMM PANEL P1M ELEC RM				20	13a	180			16b	15	180		1	REC SECURITY DESK L1M
						0								
REC COMM PANEL P1M ELEC RM				20	15b		180		18c	15	200		1	PWR ENTER PHONE
							0							
REC COMM PANEL	1		180	15	17c			200	20a	20	180		1	REC SECURITY PANEL P1M ELEC RM
							180							
SPARE				20	19a	180			22b	20	180		1	REC SECURITY PANEL P1M ELEC RM
						0								
SPARE				20	21b		180		24c	20				SPARE
							0							
SPARE				15	23c			0	26a	20				SPARE
								0						
SPARE				15	25a				28b	15				SPARE
					27b				30c	15				SPARE
					29c				32a					For Metering
					31a				34b	15				
					33b				36c					
					35c				38a					
					37a				40b					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

125 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

125 AMP MAINS						2EP1MRAPT			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE								
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
SPARE				20 GFCI	1a	0			2a	15				For Metering
SPARE				20 GFCI	3b		0		4b					
SPARE				20 GFCI	5c			0	6c					
SPARE				20 GFCI	7a				8a	20 GFCI				SPARE
SPARE				20 GFCI	9b				10b	20 GFCI				SPARE
SPARE				20 GFCI	11c				12c	20 GFCI				SPARE
SPARE				20 GFCI	13a				14a	20 GFCI				SPARE
SPARE				20 GFCI	15b				16b	20 GFCI				SPARE
					17c				18c	20 GFCI				SPARE
					19a				20a	20 GFCI				SPARE
					21b				22b	20 GFCI				SPARE
					23c				24c					
MCW TOTAL WATT TOTAL AMP						0	0	0	PANEL TYPE: TYPE1-SPRINKLER PROOF					
						0								
						0								
						LOCATION: LEVEL P1MEZZNINE								



PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						2P1MRAPT								
						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	a	b	c						
SPARE				20 GFCI	1a	0			2a	15				For Metering
SPARE				20 GFCI	3b		0		4b					
SPARE				20 GFCI	5c			0	6c					
SPARE				20 GFCI	7a				8a	20 GFCI				SPARE
SPARE				20 GFCI	9b				10b	20 GFCI				SPARE
SPARE				20 GFCI	11c				12c	20 GFCI				SPARE
SPARE				20 GFCI	13a				14a	20 GFCI				SPARE
SPARE				20 GFCI	15b				16b	20 GFCI				SPARE
					17c				18c	20 GFCI				SPARE
					19a				20a	20 GFCI				SPARE
					21b				22b	20 GFCI				SPARE
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
					37a				38a					
					39b				40b					

PANEL SCHEDULE

347/600 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						6RRAM									
						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	a	b	c							
MUA 1 Heating Pump(1.1kW Each) PA-09/PA-10 Standby Duty				15	1a	367			2a	15				For Metering	
					3b		367		4b						
					5c			367	6c						
Fan Coil Unit HFCA-02				15	7a	1195			8a	15				Spare	
					9b		1195		10b						
					11c			1195	12c						
Fan Coil Unit HFCA-03				15	13a	1195			14a	15				Spare	
					15b		1195		16b						
					17c			1195	18c						
					19a				20a	15				Spare	
					21b				22b						
					23c				24c						
					25a				26a						
					27b				28b						
					29c				30c						
					31a				32a						
					33b				34b						
					35c				36c						
					37a				38a						
					39b				40b						

					42c					
				41c						
					2757	2757	2757	PANEL TYPE: TYPE1-SPRINKLER PROOF		
					8271			LOCATION: PENTHOUSE		
					8			MOUNTING: SURFACE		



TOTAL WATT
TOTAL AMP

Commercial Parking Panel Schedules

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS						2EP2CP			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
ELEV #10 CAB LTG P2				15*	1a	200			2a	15*				REC CONTROL PANEL P2
ELEV #10 CAB PWR P2				15*	3b		540		4b	15	180		3	REC ELEV MACH RM P2
ELEV #10 / # 11 COTROLLER P2				15*	5c			720	6c	15	180		4	REC ELEV SHAFT/PIT P2 MEZZ
ELEV #11 CAB LTG P2				15*	7a	0		200	8a	15	32	4		LTG ELEV SHAFT/PIT P2 MEZZ
ELEV #11 CAB PWR P2				15*	9b	200	0		10b	15				SPARE
SPARE				15	11c			0	12c	15				SPARE
								200						
					13a	0			14a	15				For Metering
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
									38a					

	TOTAL WATT	600	940	1120	PANEL TYPE:	TYPE1-SPRINKLER PROOF
	TOTAL AMP	2660			LOCATION:	L1 MEZZ ELEV MACH RM (131)
		7				

MOUNTING: _____ SURFACE _____

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS						2EP1CPP1			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
REC (METER) ELEC RM P1M	1		180	15	1a	0			2a	20*				AIR COMPRESSOR ARTSCAPE ELEC RM P1M LEVEL
PWR LVP-5 P1				15	3b	180	0		4b					
PWR GREENMAX P1				15	5c		200	0	6c					
PWR POWER PACK P1				15	7a			200	8a	15*				AIR COMPRESSOR CONTROL ARTSCAPE ELEC RM P1M LEVEL
SPARE				15	9b		0		10b	15				SPARE
SPARE				15	11c			0	12c	15				For Metering
SPARE				15	13a			0	14a					
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
						380	200	200	PANEL TYPE: TYPE1-SPRINKLER PROOF					
						TOTAL WATT 780			LOCATION: LEVEL P1 COMM PARKING					
						TOTAL AMP 2			ELEC RM					



TOTAL WATT
TOTAL AMP

PANEL SCHEDULE

347/600 VOLTS

3 PHASE WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS						6EP1CPP1			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
LTG PARKING P1		18	64	20	1a	367			2a	15				Stair Pressurization Fan STAIR D SFCM-01
						1632			4b					
LTG ELEV LOBBY/STAIR D P1		6	32	20	3b		367		6c					
EXIT SIGNS PARKING P1/L1		50	5	20	5c		192	367		15				TX-ECP1-15kVA
								250	8a					
LTG ELEC RM/ ELEV MACH RM P1		8	64	20	7a	1000			10b					
SPARE				20	9b		1000			15				
									12c					
SPARE				20	11c			1000						
									14a	15				For Metering
					13a									
					15b				16b					
									18c					
					17c									
									20a					
									22b					
					21b									
									24c					
									26a					
					23c									
									28b					
									30c					
					25a									
					27b				32a					
									34b					
					31a									
					33b				36c					
									38a					

	TOTAL WATT	3510.67	1558.67	1616.7	PANEL TYPE: TYPE1-SPRINKLER PROOF LOCATION: LEVEL P1 COMM PARKING ELEC RM
		6686			
	TOTAL AMP	6			

LOCATION: LEVEL P1 COMM PARKING
ELEC RM

MOUNTING: _____ SURFACE _____.

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

125 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						2P1CP-EV									
						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	a	b	c							
COMMERCIAL UNIT P1 LEVEL				40	1a	0			2a	15				METERING	
						3500			4b						
					3b		0		6c						
COMMERCIAL UNIT P1 LEVEL				40		3500									
					5c			0							
								3500	8a						
SPARE				40	7a										
						3500			10b						
					9b										
					11c				12c						
									14a						
					13a										
									16b						
					15b										
									18c						
					17c										
									20a						
					19a										
									22b						
					21b										
									24c						
					23c										
						7000	3500	3500	PANEL TYPE: TYPE1-SPRINKLER PROOF						
						TOTAL WATT			LOCATION: LEVEL P1 COMM PARKING						
						TOTAL AMP			ELEC RM						
									MOUNTING: SURFACE						



TOTAL WATT
TOTAL AMP

14000
39

PANEL SCHEDULE

347/600 VOLTS

3 PHASE WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS				6P1CPP			JOB NAME: Aquavista					
MLO		MAIN BREAKER				LOAD PER PHASE								
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
LTG PARKING P1		49	64	20	1a	3616			2a	20				SPARE
LTG ELEV LOBBY/STAIR D P1		6	32	20	3b		192		4b	20				SPARE
					5c			1500	6c	35				TX-CP2 30kVA
					7a	1500			8a					
					9b		1500		10b					
					11c				12c	15				METERING
					13a				14a					
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
						5116	1692	1500	26a					
						8308			PANEL TYPE: TYPE1-SPRINKLER PROOF					
						8			LOCATION: LEVEL P1 COMM PARKING ELEC RM					



TOTAL WATT
TOTAL AMP

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

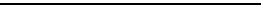
125 AMP MAINS

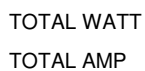
MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

125 AMP MAINS						2P1CPP			JOB NAME: Aquavista										
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION					
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c											
REC STAIR D & Z	2		180	15	1a	200			2a	15	200		1	REC PAY STATION P1					
REC STAIR Z / MECH RM P1M	3		180	15	3b	360			4b	15	200		1	REC PAY STATION P1					
							200												
REC ELEC RM P1M	2		180	15	5c		540		6c	15	200		1	REC PAY STATION P1					
								200											
SPARE				15	7a	200			8a	15	200		1	REC PAY STATION P1					
								360											
DOOR OPNER SHOWER P1	2		500	15	9b		200		10b	15	200		1	REC PAY STATION P1					
							1000												
SPARE				15	11c			0	12c	15				SPARE					
SPARE				20	13a	0			14a	15				SPARE					
SPARE				20	15b				16b	15				SPARE					
					17c				18c	15				SPARE					
					19a				20a	15				METERING					
					21b				22b										
					23c				24c										
					25a				26a										
					27b				28b										
					29c				30c										
					31a				32a										
					33b				34b										
					35c				36c										
									38a										

	TOTAL WATT	760	1940	560	PANEL TYPE: TYPE1-SPRINKLER PROOF LOCATION: LEVEL P1 COMM PARKING ELEC RM
	TOTAL AMP	3260			
	9				



PANEL TYPE:	TYPE1-SPRINKLER PROOF
LOCATION:	LEVEL P1 COMM PARKING ELEC RM
MOUNTING:	SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

125 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

125		AMP MAINS				2P1CPM			JOB NAME: Aquavista					
MLO		MAIN BREAKER				LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
Entrance and Unit Heater EHCM-01, 02				15	1a	690			2a	15				Metering
Entrance and Unit Heater EHCM-03, 04				15	3b		690		4b					
									6c					
Unitery DX Unit ACCM-01				20	5c			432	8a	15				Spare
					7a	432			10b					
					9b		432		12c					
Air Cooled Condenser ACUCM-01				40	11c			1501	14a	20				Spare
					13a	1501			16b					
					15b		1501		18c					
Unitery DX Unit ACCM-02				20	17c			146	20a					
					19a	146			22b					
Air Cooled Condenser ACUCM-02				20	21b		884		24c					
					23c			884	26a					
					25a				28b					
					27b				30c					
					29c				32a					
					31a				34b					
					33b				36c					
					35c				38a					

	TOTAL WATT	2769	3507	2963	PANEL TYPE: TYPE1-SPRINKLER PROOF LOCATION: LEVEL P1 COMM PARKING ELEC RM
	TOTAL AMP	9239			
	26				

LOCATION: _____

MOUNTING: _____ SURFACE _____

PANEL SCHEDULE

347/600 VOLTS

3 PHASE WIRE

100 AMP MAINS

100 MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS						6EP1CPP2			JOB NAME: Aquavista						
100 MAIN BREAKER						LOAD PER PHASE									
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c	CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
Elevator Sump Pumps PCM-01, PCM-02 each 5.6Kw				40	1a	1000			2a	15				TX-15kVA	
						3733			4b						
					3b		1000								6c
					5c		3733		1000						
								3733	8a	15				SPARE	
				7a	0				10b						
				9b					12c						
				11c											
									14a	15				METERING	
				13a					16b						
				15b					18c						
				17c											
									20a						
				19a					22b						
				21b											
				23c					24c						
						4733	4733	4733	PANEL TYPE: TYPE1-SPRINKLER PROOF						
						14199			LOCATION: LEVEL P1 COMM PARKING						
						14			ELEC RM						



TOTAL WATT
TOTAL AMP

PANEL TYPE: TYPE1-SPRINKLER PROOF

LOCATION: LEVEL P1 COMM PARKING
ELEC RM

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

125 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

125 AMP MAINS						2EP1CPP2			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
SPARE				15	1a	500			2a	20	500		1	REC (SECURITY) ELEC RM P1M
SPARE				15	3b	0	500		4b	20	500		1	REC (SECURITY) ELEC RM P1M
DOOR OPNER ELEV LOBBY P1	2		500	15	5c			0	6c	20				SPARE
DOOR OPNER ELEV LOBBY L1	1		500	15	7a	0		1000	8a	20				SPARE
SPARE				15	9b		0		10b	15				METERING
					11c			0	12c					
					13a	0			14a					
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b					
					23c				24c					
						500	500	1000	PANEL TYPE: TYPE1-SPRINKLER PROOF					
						TOTAL WATT 2000			LOCATION: LEVEL P1 COMM PARKING ELEC RM					
						TOTAL AMP 6								



TOTAL WATT
TOTAL AMP

Commercial Retail Panel Schedules

PANEL SCHEDULE

347/600 VOLTS

3 PHASE WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						6E1MCRP								
						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	a	b	c						
LTG RETAIL (N) L1		19	64	20	1a	1024			2a	20	64	13		LTG MECH RM/LOADING AREA L1 / L1M
LTG RETAIL (S) L1		20	64	20	3b	1216			4b	20	64	13		LTG ELEC RM L1M
EXIT SIGNS RETAIL AREA L1 / L1M		200	5	20	5c		1280	1000	6c	35				TX-ECR1 -30kVA
					7a	1000		1000	8a					
					9b	0			10b					
					11c		1000		12c					
					13a				14a	15				For Metering
					15b				16b					
					17c				18c					
					19a				20a					
					21b				22b	15				Spare
					23c				24c	15				Spare
					25a				26a					
					27b				28b					
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
					37a				38a					
					39b				40b					

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

125 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

125		AMP MAINS				2E1MCRP1			JOB NAME: Aquavista					
MLO		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						a	b	c						
PWR FIRE ALARM PANEL L1M				15*	1a	300			2a	20*				AIR COMPRESSOR RETAIL ELEC RM L1M LEVEL
REC METER L1M				15	3b				4b					
SPARE				15	5c			0	6c					
SPARE				15	7a	0			8a	15*				AIR COMPRESSOR CONTROL RETAIL ELEC RM L1M LEVEL
SPARE				15	9b	250	0		10b	15				VENTR-01 (0.75KW) RETAIL ROOF
SPARE				15	11c			250	12c					
					13a	250		0	14a					
					15b				16b	15				For Metering
					17c				18c					
					19a				20a					
					21b				22b	15				Spare
					23c				24c	15				Spare
					25a				26a	15				Spare
					27b				28b	15				Spare
					29c				30c					
					31a				32a					
					33b				34b					
					35c				36c					
					37a				38a					
					39b				40b					

					42c						
				41c							
					550	250	250				
					1050						
					3						



TOTAL WATT
TOTAL AMP

PANEL TYPE: TYPE 1 SPRINKLER PROOF

LOCATION: L1M RETAIL ELEC RM

MOUNTING: SURFACE

347/600	VOLTS		JOB NUMBER: 8489D
3	PHASE	WIRE	
200	AMP MAINS	61MCRP	JOB NAME: Aquavista
MLO	MAIN BREAKER		

Appendix-A Issued for Construction
61MCRP -8489D Retail Electrical Panel schedules-V1.xls 21/04/2016



TOTAL AMP

MOUNTING: _____ SURFACE _____

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100		AMP MAINS				21MCRP			JOB NAME: Aquavista					
MLO		MAIN BREAKER				LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
REC RETAIL GABAGE RM L1	4		180	15	1a	500			2a	20				O/H DOOR RETAIL LOADING L1
						720			4b					
PWR RETAIL GABAGE CONTROL L1	1		200	15	3b		500		6c					
							200			20				O/H DOOR RETAIL LOADING L1
REC RETAIL SERVICE CORRIDOR L1	3		180	20	5c			500	8a					
								540	10b					
REC RETAIL CHILLE RM L1	5		180	15	7a	500				20				O/H DOOR RETAIL LOADING L1
						900			12c					
SPARE				15	9b		500							
							0			15				For Metering
REC RETAIL CONDENSER RM L1M	3		180	15	11c			500	14a					
								540	16b					
REC RETAIL MAKEUP AIR RM L1M	5		180	15	13a	0				15				Spare
						900			18c					
REC RETAIL MECH RM L1M	4		180	15	15b		720		20a					
								720		15				Spare
REC RETAIL ELEC RM L1M	4		180	15	17c				22b					
									24c					
REC RETAIL MAKEUP AIR RM L1M	1		180	15	19a	180				15				Spare
							180		26a					
REC RETAIL MECH RM L1M	1		180	15	21b				28b					
					27b					15				Spare
					29c				30c					
					31a				32a					
					33b					15				Spare
					35c				36c					
					37a				38a					
					39b					15				Spare
					40b									

					42c									
					41c									
						3700	2100	2800						
						8600								
						24								



TOTAL WATT
TOTAL AMP

PANEL TYPE: TYPE 1 SPRINKLER PROOF

LOCATION: L1M RETAIL ELEC RM

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

200 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

200		AMP MAINS				21MCRM			JOB NAME: Aquavista						
MLO		MAIN BREAKER				LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION	
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c							
Boiler HBR-01				15	1a	432			2a	15				Unitary DX Fan Coil Unit ACR-02	
						1320			4b						
Boiler HBR-02				15	3b	432			6c						
						1320									
Fan EFR-01, 02				20	5c			432							
								500	8a	40				Air Cooled Condenser Unit ACUR-02	
Fan EFR-04,06				20	7a	1992									
						500			10b						
Fan SFR-01				15	9b		1992								
							300		12c						
Force Floor Cabinet Heater EHR-01,02				20	11c			1992							
								720	14a	15				Metering	
Hot Water Unit Heater UHR-01,02				15	13a	480									
Hot Water Unit Heater UHR-03,04				15	15b			480	16b						
									18c						
Hot Water Unit Heater UHR-05,06				15	17c			480							
									20a	15				Unitary DX Fan Coil Unit ACR-03	
Hot Water Unit Heater UHR-07				15	19a	156									
						240			22b						
Unitary DX Fan Coil Unit ACR-01				15	21b		156								
							432			24c					
									156						
								432		26a	20				Air Cooled Condenser Unit ACUR-03
				25a	1980										
						432			28b						
Air Cooled Condenser Unit ACUR-01				40	27b		1980								
							1992			30c	15				Spare
						29c			1992						Spare
										32a	15				Spare
					31a	1992									
				15	33b				34b	15				Spare	
							350			36c	15				Spare
					35c										
										38a					
					37a										
									40b						

					42c						
				41c							
					9524	9434	6704				
					25662						
					71						



TOTAL WATT
TOTAL AMP

PANEL TYPE: TYPE 1 SPRINKLER PROOF

LOCATION: L1M RETAIL ELEC RM

MOUNTING: SURFACE

PANEL SCHEDULE

347/600		VOLTS				JOB NUMBER: 8489D								
3 PHASE		WIRE				JOB NAME: Aquavista								
200		AMP MAINS												
MLO		MAIN BREAKER												
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	61MCRM			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
						LOAD PER PHASE								
						a	b	c						
Make Up Air Unit MAUR-1				40	1a	733			2a	15				MAUR 01Heating Pumps PR-11, PR-12 Duty/ Standby each 2.2kW
						3733			4b					
					3b		733				6c			
							3733							
					5c			733						
								3733	8a					DHW Circulation Pump PR-15 0.56kW
Condenser Water Pumps PR-01, PR-02 Duty/ Standby each 11.2kW				40	7a	187				15				
						3733			10b					
					9b		187				12c			
							3733							
					11c			187						
								3733	14a					Loading Bay Exhaust EFR-05
Chilled Water Pumps PR-03, PR-04 Duty/ Standby each 7.5kW				25	13a	250								
						2500			16b					
					15b		250				18c			
							2500							
					17c			250						
								2500	20a					Metering
Boiler#1 Pump PR-05 2.2kW				15	19a					15				
						733			22b					
					21b						24c			
							733							
					23c									
								733	26a					Cooling Tower CTR-01
Boiler#2 Pump PR-06 2.2kW				15	25a	4467				35				
						733			28b					
					27b		4467				30c			
							733							
					29c			4467						
								733	32a					Spare
High Temp Secondary Pumps PR-07, PR-08 Duty/ Standby each 5.6kW				20	31a					15				
						1867			34b					
					33b						36c			
							1867							
					35c									
								1867	38a					Spare
Low Temp Secondary Pumps PR-09, PR-10 Duty/ Standby each 2.2kW				15	37a					15				
						733			40b					
					39b									

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

50 MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS						2E1MCRP2			JOB NAME: Aquavista					
50 MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
Chiller Refrigerent Exhaust Fan EFR-03				15	1a	300			2a	15				Metering
SPARE				15	3b				4b					
									6c					
REC SECURITY L1M	1		200	15	5c			200	8a	15				Spare
REC SECURITY L1M	1		200	15	7a	200			10b					
REC COMM. L1M	1		200	15	9b		200		12c					
REC COMM L1M	1		200	15	11c			200	14a	15				Spare
DOOR OPNER ENTRANCE L1	1		500	15	13a	500			16b	15				Spare
					15b				18c					
					17c				20a					
					19a				22b					
					21b				24c					
					23c				26a					
					25a				28b					
					27b				30c					
					29c				32a					
					31a				34b					
					33b				36c					
					35c				38a					
					37a				40b					
					39b									

					42c						
				41c							
					1000	200	400				
					1600						
					4						



TOTAL WATT
TOTAL AMP

PANEL TYPE: TYPE 1 SPRINKLER PROOF

LOCATION: L1M RETAIL ELEC RM

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

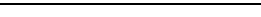
100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

100 AMP MAINS						2P1ATP			JOB NAME: Aquavista					
MLO MAIN BREAKER						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIX.	BRKR SIZE	CCT. NO.	a	b	c						
				20	1a				2a	20				
				20	3b				4b	20				
				20	5c				6c	20				
				20	7a				8a	20				
				20	9b				10b	20				
				20	11c				12c	20				
				20	13a				14a	20				
				20	15b				16b	20				
				20	17c				18c	20				
				20	19a				20a	20				
				20	21b				22b	20				
				20	23c				24c	20				
				20	25a				26a	20				
				20	27b				28b	20				
				20	29c				30c	20				
				20	31a				32a	20				
				20	33b				34b	20				
				20	35c				36c	20				
									38a	20				

		0	0	0	PANEL TYPE: TYPE 1 SPRINKLER PROOF
	TOTAL WATT	0			
	TOTAL AMP	0			
LOCATION: P1 LEVEL					

LOCATION: P1 LEVEL

MOUNTING: SURFACE

PANEL SCHEDULE

120/208 VOLTS

3 PHASE 4 WIRE

100 AMP MAINS

MLO MAIN BREAKER

JOB NUMBER: 8489D

JOB NAME: Aquavista

						2P1PSL								
						LOAD PER PHASE			CCT. NO.	BRKR SIZE	WATT / FIXT.	# OF FIXT.	# OF REC.	DESCRIPTION
DESCRIPTION	# OF REC.	# OF FIXT.	WATT / FIXT.	BRKR SIZE	CCT. NO.	a	b	c						
LTG PARKS ELEC RM P2				20	1a				2a	15				REC PARKS ELEC RM P2
				20	3b				4b	20				
				20	5c				6c	20				
				20	7a				8a	20				
				20	9b				10b	20				
				20	11c				12c	20				
				20	13a				14a	20				
				20	15b				16b	20				
				20	17c				18c	20				
				20	19a				20a	20				
				20	21b				22b	20				
				20	23c				24c	20				
				20	25a				26a	20				
				20	27b				28b	20				
				20	29c				30c	20				
				20	31a				32a	20				
				20	33b				34b	20				
				20	35c				36c	20				
				20	37a				38a	20				

