PANEL LP-A

PANEL ID. LP-A — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 225A — PHASE 3 — FED FROM MDP-A1
MAIN BKR. — WIRE — ENTER AT — MTG
TYPE — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	PARKING LIGHTS (P2)				20	15				EF-1, MD (P2)	2
3					20	15				EF-2, MD (P2)	4
5					20	15				EF-3, MD (P2)	6
7					20	15				EF-4, MD (P2)	8
9					20	15				EF-5, MD (P2)	10
11					20	15				EF-6, MD (P1)	12
13	PARKING LIGHTS (P1)				20	15				EF-7, MD (P1)	14
15					20	15				EF-8, MD (P1)	16
17					20	15				EF-9, MD (P1)	18
19					20	15				EF-12, MD (P1)	20
21					20	15				EF-13, MD (P1)	22
23					20	15				EF-14, MD (P1)	24
25	PARKING LIGHTS (RAMP)				20	15				EF-15, MD (P1)	26
27	REC. CO P2				15	15				EF-16, MD (P1)	28
29	REC. LOCKERS P2				15	15				EF-23, MD (P1)	30
31	REC. LOCKERS & EXHAUST RM. P2				15	15				EF-11, MD (P2)	32
33	REC. ELEC., CH. & AHU RMS P2				15	15					34
35	MECH. CONTROL-AHU RM. P2				15	15					36
37	MECH. CONTROL-AHU RM. P2				15	15					38
39	REC. CO P1				15	15				AHU, MD	40
41	REC. LOCKERS P1				15	15				MONITORING PANEL & SENSOR	42
43	REC. LOCKERS, GEN. & WATER RM. P1				15	15				FIN TUBE CONTROL VALVE (P1)	44
45	MECH. CONTROL-WATER RM. P1				15	15					46
47	REC. STAFF RM.				20	15					48
49	DISH WASHER STAFF RM.				15	15				EF-10, MD (P2)	50
51	FRIDGE STAFF RM.				15	15				EF-21, MD (P2)	52
53	MECH. CONTROL-WATER RM. P1				15	15				UH-A (P1)	54
55	MECH. CONTROL-CH RM. P1				15	15				UH-A (P1)	56
57	MECH. CONTROL-CH RM. P2				15	15				CU (P1)	58
59	ALARM STROBE & LIGHT				15	15					60
61	OCUPANCY SENSOR RELAY PANEL				15	15					62
63	REC. P1				15	15					64
65	~~REC. AHU RM. P2~~				15	15					66
67					20	15					68
69	IRRIGATION PUMP					15				SPARE	70
71					3P	15					72
73	SPARE				15	15					74
75	SPARE				15	15					76
77	SPACE									SPACE	78
79											80
81											82
83											84

φ 'A' TOTAL W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

PANEL LP-C

PANEL ID. LP-C — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 125A — PHASE 3 — FED FROM
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT (LIFE SAFETY) — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	CU				20	20				CU	2
3					2P	2P					4
5					20	30					6
7					2P	2P					8
9					30	20					10
11					2P	2P					12
13					35	30					14
15						2P					16
17					3P	30					18
19					20	2P					20
21					2P	30					22
23	REC. G/F				15	2P					24
25	SCU, SMCAC				15	30					26
27					2P	3P					28
29	SAC				15						30
31					2P	15					32
33	REC. G/F				15	15					34
35	REC. G/F				15						36
37											38
39											40
41											42
43											44
45											46
47											48
49											50
51											52
53											54
55											56
57											58
59											60
61											62
63											64
65											66
67											68
69											70
71	SPARE				15	15				SPARE	72
73					15	15					74
75					15	15					76
77	SPACE									SPACE	78
79											80
81											82
83											84

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 18kA I.C.

SUITE DISTRIBUTON PANEL SCHEDULE (REFER TO DRAWING E-14 FOR PANEL NUMBER & LOCATIONS)

PANEL ID. SDP-XX — VOLTS 120/208 — LOCATION ELEC. CLOSETS
MAIN BUS 600A — PHASE 3 — FED FROM MSDP
MAIN BKR. - — WIRE 4 — ENTER AT - MTG -
TYPE — FEEDER 2-4 500 MCM (CU) + GRD

CIRCUIT DESCRIPTION	CIRCUIT NO.
-	SPARE
1-15A 3P BREAKER FOR QUADLOGIC PANEL	2, 4, 6
100A 2P BREAKERS FOR SUITE PANELS	7 TO 66 SUITE FEEDERS TO BE 3#2/AL 32mm C (TYPICAL)
TOTAL: 72 CIRCUITS AS REQUIRED	

TOTAL CONNECTED LOAD - KW (APPROX)

SUITE PANEL FOR IN KITCHEN WITH COOKTOP AND OVEN

PANEL ID. TYP. SUITE — VOLTS 120/208 — LOCATION SUITE
MAIN BUS 100 — PHASE 1 — FED FROM -
MAIN BKR. — WIRE 3 — ENTER AT - MTG -
TYPE - — FEEDER 3# 3 CU AWG + GRD IN 1 1/4" C

CIR NO.	DESCRIPTION	WATTAGE φA	φB	BKR AMP.	BKR AMP.	WATTAGE φA	φB	DESCRIPTION	CIR NO.
1	KITCHEN COUNTER (2)			20	15			SPARE	NO.
3	KITCHEN COUNTER (2)			20	15			REFRIGERATOR	2
5	DINING & ENTRY			15	15			DISH WASHER	4
7	BEDROOM/DEN (1)			15	15			KITCHEN/HALL, W/R	8
9	WASHROOMS (1)			15	15			BEDROOM & SMOKE ALARM	10
11	SPARE			15	15			FAMILY/LIVING ROOM	12
13	DRYER (3)			30	15			MASTER BEDROOM (1)	14
15				2P	15			MICROWAVE OVEN	16
17	FANS			15	~~15~~			~~KITCHEN HOOD~~	18
19	SPARE			15	25			FCU-1T, -1.5T OR -2T	20
21	COOKTOP (5)			40	~~15~~			~~SPARE~~	22
23				2P	15			WASHER	24
25	WALL OVEN (4)			20	40			STOVE (5)	26
27				2P	2P				28

φ 'A' TOTAL: - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 18KA I.C.

NOTES: 1. BREAKER THAT PROTECT RECEPTACLES LOCATED IN BEDROOM SHALL BE ARCFAULT TYPE.
2. 20A BREAKER FOR CSA 5-20RA (T-SLOT) RECEPTACLES MTD ABOVE COUNTER SHALL BE GFI.
3. PROVIDE DRYER SENSOR TO START DRYER FAN WHEN THE DRYER IS RUNNING.
4. WHERE REQUIRED AS INDICATED ON LAYOUT
5. DIV. 16 TO CONFIRM BREAKER SIZE WITH APPLIANCE SHOP DRAWINGS

FOR HYBRID VEHICLES PANEL

PANEL ID. PHEV — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS — PHASE 3 — FED FROM MDP-A1
MAIN BKR. 225A — WIRE 4 — ENTER AT — MTG
TYPE — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	DEDICATED RECEPTACLE (EV)				40	40				DEDICATED RECEPTACLE (EV)	2
3					2P	2P					4
5					40	40					6
7					2P	2P					8
9					40						10
11					2P						12
13											14
15											16
17											18
19											20
21											22
23											24
25											26
27											28
29										SPARE	30
31										SPARE	32
33										SPACE	34
35	SPARE									SPACE	36
37	SPARE					15				QUADLOGIC PANEL	38
39	SPACE					3P					40
41	SPACE										42

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

PANEL LP-R

PANEL ID. LP-R — VOLTS 120/208V — LOCATION ROOF ELEV/MACH. RM.
MAIN BUS 125A — PHASE 3 — FED FROM RDP
MAIN BKR. — WIRE — ENTER AT — MTG
TYPE — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	CHEMICAL PUMP				15	15				REC. STAIR K & MPH	2
* 3	HEAT TRACE				15	15				UH-A, MD	4
5	TWIST LOCK RECEPTACLE				30	25				EF-22 1/2 HP, MD	6
7	FOR SWING STAGE				3P	15				MECH. CONTROL PANEL	8
9						15				MECH. CONTROL PANEL	10
11	TWIST LOCK RECEPTACLE				30	15				MECH. CONTROL PANEL	12
13	FOR SWING STAGE				3P	15				MECH. CONTROL PANEL	14
15						15				MECH. CONTROL PANEL	16
17	LIGHTS IN MECH. ROOM				15	15				MECH. CONTROL PANEL	18
19	LIGHTS IN MECH. ROOM				15	30				TWIST LOCK RECEPTACLE	20
21	RECEPTACLES IN ELEV. MACH. RM.				15	3P				FOR SWING STAGE	22
23	RECEPTACLES				20						24
25	RECEPTACLES				15	15				POOL BATTERY PACK (9/F)	26
27	RECEPTACLES				15	15				HP	28
29	LIGHTS				20	2P					30
31	EF-26, MD				15	30				HCU	32
33	EF-27, MD				15	2P					34
35	EF-28, MD				15	15				SAC	36
37					15	2P					38
39					15	15				SCU, SMCA	40
41					15	2P					42
43											44
45											46
47											48
49	SPARE				15	15				SPARE	50
51					15	15					52
53					15	15					54
55	SPACE									SPACE	56
57											58
59											60

φ 'A' TOTAL W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

NOTE: 1. * DENOTES GFI

PANEL EP-ER

PANEL ID. EP-ER — VOLTS 120/208V — LOCATION ROOF ELEV/MACH. RM.
MAIN BUS 125A — PHASE 3 — FED FROM PANEL ELP-E
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT (LIFE SAFETY) — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	EXIT SIGNS				20	20				POOL LIGHTS (9/F)	2
3	STAIR K & MPH LIGHTS				20	15					4
** 5	EXTERIOR MPH				20	20				ELEV. CAB LIGHT	6
7					20	20					8
9	AUTOMATIC SNOW MELTING CONTROLLER				60	20					10
11					3P	15				ELEVATOR CONTROL	12
13											14
15											16
17											18
19											20
21											22
23											24
25											26
27					-						28
29					-						30
31					-	-					32
33					-	-					34
35	SPARE				15	15				SPARE	36
37	SPARE				15	15				SPARE	38
39	SPACE				-	-				SPACE	40
41	SPACE				-	-				SPACE	42

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 18kA I.C.

NOTES: 1. TC - DENOTES THIS CIRCUIT SHALL BE CONTROLLED BY TIMER.
2. ** DENOTES TC

PANEL EP-ER1

PANEL ID. EP-ER1 — VOLTS 120/208V — LOCATION ROOF ELEV/MACH. RM.
MAIN BUS 125A — PHASE 3 — FED FROM REDP1
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT(NON-LIFE SAFETY) — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	RECEPTACLES IN CCU ROOM	-			15	15	-			DOOR OPERATORS (9/F)	2
3	RECEPTACLES IN CCU ROOM		-		15	20				~~POOL LIGHTS (9/F)~~	4
5	SPARE			-	15	20			B-	B-3 FAN(C/W NEUTRAL WIRE)	6
7	RECEPTACLE IN ELEV. MACH. RM.				15	20				~~LIGHTS~~	8
9	~~RECEPTACLES ELEV. SHAFT (14/F)~~				15	20				~~EXERIOR LIGHTS~~	10 TC
11	B-1 FAN				20	20				B-2 FAN	12
13	(WITH NEUTRAL WIRE)				2P	2P				(WITH NEUTRAL WIRE)	14
15	B-1,2,3 IGNITION				15					~~SPACE~~	16
17	~~SPACE~~									SPACE	18

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL 42 CCTS — TOTAL CONNECTED LOAD - KW (APPROX) — 10kA I.C.

NOTES: PC - DENOTES THIS CIRCUIT SHALL BE CONTROLLED BY TIMER

PANEL ELP-E

PANEL ID. ELP-E — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 225 — PHASE 3 — FED FROM EDP
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT (LIFE SAFETY) — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	EXIT SIGNS (P2 TO P1)				20	20				LIGHTS (G/F)	2
3	EXIT SIGNS (G/F TO 14/F)				20	20					4
5	STAIR A LIGHTS (P2 TO G/F)				20	20					6
7	STAIR B LIGHTS (P2 TO G/F)				20	20					8
9	STAIR J LIGHTS (G/F TO 4/F)				20	20					10
11	STAIR J LIGHTS (5/F TO 9/F)				20	20					12
13	STAIR G LIGHTS (G/F TO 14/F)				20	20					14
15	STAIR F LIGHTS (G/F TO 14/F)				20	20					16
17	PARKING LIGHTS (P1)				20	20					18
19	PARKING LIGHTS (P2)				20	20					20
21					20	20					22
23					20	20				CORRIDOR LIGHTS (2/F & 3/F)	24
25					20	20				CORRIDOR LIGHTS (4/F & 5/F)	26
27					20	20				CORRIDOR LIGHTS (6/F & 7/F)	28
29	PARKING LIGHTS (P1)				20	20				CORRIDOR LIGHTS (8/F TO 11/F)	30
31					20	20				CORRIDOR LIGHTS (12/F TO 14/F)	32
33					20	15				SF-2, MD (P1)	34
35					20	15				SF-1, MD (G/F)	36
37					20	15				SP1,2 CONTROL PANEL	38
39	REC. ELEVATOR PIT P2				15	15				SP3,4 CONTROL PANEL	40
41	EMERGENCY BATTERY ELEC. RM. P2				15	15				STP1,2 CONTROL PANEL	42
43	EMERGENCY BATTERY GEN. RM. P1				15	15				FACP RECEPTACLE, OUTLET	44
45					20	15				FACP TELEPHONE RECEPTACLE	46
47					20	15				MOTORIZED DOOR	48
49					20	15				MOTORIZED DOOR	50
51					20	15				MOTORIZED DOOR	52
53					20	15					54
55					20	20					56
57					20	15					58
59					15	15					60
61					15						62
63	SPARE				15	15				QUADLOGIC PANEL	64
65					15	3P					66
67					15	15					68
69					15	15				SPARE	70
71	SPACE					15					72
73						15					74
75						15					76
77										SPACE	78
79					60						80
81	ELP-ER										82
83					3P						84

φ 'A' TOTAL - — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 22kA I.C.

NOTES: PL - DENOTES THIS CIRCUIT WITH BREAKER PADLOCK.

PANEL EP-E1

PANEL ID. EP-E1 — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 60A — PHASE 3 — FED FROM ELP-E2
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT(NON-LIFE SAFETY) — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
** 1	EXTERIOR LIGHTING				20	20				EXTERIOR LIGHTING	2 **
** 3	EXTERIOR LIGHTING				20	20				EXTERIOR LIGHTING	4 **
** 5	EXTERIOR LIGHTING				20	20				EXTERIOR LIGHTING	6 **
** 7	EXTERIOR LIGHTING				20						8
** 9	EXTERIOR LIGHTING				20						10
11											12
13	SPARE				15	15				SPARE	14
15	SPACE									SPACE	16
17	SPACE									SPACE	18

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 10KA I.C.

NOTES: 1. TC - DENOTES THIS CIRCUIT SHALL BE CONTROLLED BY TIMER.
2. ** DENOTES TC

PANEL EP-E2

PANEL ID. EP-E2 — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 225A — PHASE 3 — FED FROM EDP-1
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT(NON-LIFE SAFETY) — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	CONCIERGE RECEPTACLES				15	15				DOOR OPERATORS (P2)	2
3					15	20				DOOR OPERATORS (P1)	4
5					15	15				DOOR OPERATORS (G/F)	6
7					15	20				DOOR OPERATORS (G/F)	8
9					15	15				GENERATOR CONTROLLER	10
11	UPS FOR ENT-P1				15	15				GENERATOR MD(3)	12
13	ENT P1 ENTRANCE				15	20				BLOCK HEATER 3KW	14
15	SPARE				15	15				BATTERY CHARGER	16
17	ENT MAIN ENTRANCE				15	15				DOOR OPERATORS (G/F)	18
19	UPS FOR ENT-WEST VESTIBULE				15	15				DOOR OPERATORS (G/F)	20
21	UPS FOR ENT-MAIN ENTRANCE				15	15				RECEPTACLE (CACF RM.)	22
23	UPS - SECURITY RM. P1				30	60				ELP-E1	24
25					2P	3P					26
27	TV BOARD				15						28
29	TELEPHONE BOARD				15	60					30
31	SECURITY BOARD				15					ELP-ECU	32
33	CONO CONTROL PANEL G/F				20	3P					34
35	CONO CONTROL PANEL P2				15	15				RECEPTACLE (CACF RM.)	36
37	CONCIERGE RECEPTACLES				15	15				RECEPTACLE (CACF RM.)	38
39	CONCIERGE RECEPTACLES				15	15				RECEPTACLE (CACF RM.)	40
41	CONCIERGE RECEPTACLES				15						42
43											44
45											46
47											48
49											50
51											52
53											54
55											56
57											58
59											60
61											62
63											64
65											66
67	QUADLOGIC PANEL				15						68
69					3P						70
71	SPARE				15	15				SPARE	72
73					15	15					74
75					15	15					76
77	SPACE									SPACE	78
79											80
81											82
83											84

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 22kA I.C.

NOTES: PL - DENOTES THIS CIRCUIT WITH BREAKER PADLOCK.

PANEL ELP-ECU

PANEL ID. ELP-ECU — VOLTS 120/208V — LOCATION P1 TRIDEL CCU ROOM
MAIN BUS 60A — PHASE 3 — FED FROM ELP-E2
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE EMERGENCY CCT(NON-LIFE SAFETY) — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	14/F TRIDEL CCU ROOM				20	20				P1 TRIDEL CCU ROOM	2
3	14/F TRIDEL CCU ROOM				20	20				P1 TRIDEL CCU ROOM	4
5	14/F TRIDEL CCU ROOM				20	20				P1 TRIDEL CCU ROOM	6
7											8
9											10
11											12
13	SPARE				15	15				SPARE	14
15	SPACE									SPACE	16
17	SPACE									SPACE	18

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 10kA I.C.

PANEL LP-B

PANEL ID. LP-B — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 225A — PHASE 3 — FED FROM MDP-A1
MAIN BKR. — WIRE — ENTER AT — MTG
TYPE — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	SIGNAGE				15	15				REC. ELEC. S. CLOSET (G/F TO 9/F)	2
3	TRUCK SIGN LTIGHT				15	15				REC. ELEC. N. CLOSET (2/F TO 9/F)	4
5	CONTROL PANEL-TRUCK WARN SIGN				15	15				REC. ELEC. N. CLOSET (10/F TO 14/F)	6
7	VFCU					15				REC. ELEC. N. CLOSET (22/F TO 32/F)	8
9	FFH-A				15	15				REC. ELEV. LOBBY (P2 TO 8/F)	10
11	FFH-A & FFH-B				15	15				REC. CORRIDOR (2/F TO 8/F)	12
13	FFH-A & FFH-B				15	15					14
15	FFH-B				15	15					16
17	EF-25, MD				15	15					18
19	EF-29, MD				15	15					20
21	BISORTER				20	15					22
23	COMPACTOR					15					24
25	4-1/C #12AWG + G				20	15				REC. CORRIDOR (2/F TO 5/F)	26
27					3P	15				REC. CORRIDOR (2/F TO 5/F)	28
29	VFCU				15	15				REC. ELEV. LOBBY (9 TO 14/F)	30
31					15	15				REC. CORRIDOR (9/F TO 14/F)	32
33					15	15					34
35					15	15					36
37					15	15					38
39					15	15				REC. STAIR A(G/F) & J(9F,6F,3F)	40
41					15	15				REC. STAIR F (14F,11F,8F,5F,2F)	42
43					15	15				REC. STAIR G (14F,11F,8F,5F,2F)	44
45					15	15				CORRIDOR & LOCKER LIGHTS (2/F)	46
47					15	15				CORRIDOR LIGHTS (3/F)	48
49	HFCU				15	15				CORRIDOR LIGHTS (4/F)	50
51					2P	15				CORRIDOR LIGHTS (5/F & 6/F)	52
53	TWIST LOCK RECEPTACLE					15				CORRIDOR LIGHTS (7/F & 8/F)	54
55	FOR SWING STAGE				30 / 3P	15				CORRIDOR LIGHTS (9/F TO 11/F)	56
57						15				CORRIDOR LIGHTS (12/F TO 14/F)	58
59	TWIST LOCK RECEPTACLE					15				EF-19, MD	60
61	FOR SWING STAGE				30 / 3P	15				FIN TUBE CONTROL VALVE (G/F)	62
63						15				FIN TUBE CONTROL VALVE (G/F)	64
65						15				FIN TUBE CONTROL VALVE (2/F)	66
67	LP-B1				100	15				EF-24, MD	68
69					3P	15				EF-21, MD	70
71						15				SPARE	72
73	QUADLOGIC PANEL				15	15					74
75					3P	15					76
77	SPARE									SPACE	78
79											80
81											82
83											84

φ 'A' TOTAL W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 22KA I.C.

PANEL LP-B1

PANEL ID. LP-B1 — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 125A — PHASE 3 — FED FROM LP-B
MAIN BKR. - — WIRE — ENTER AT — MTG
TYPE — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	FIRE PLACE				20	20				LIGHTS (G/F)	2
3	RECEPTACLE-TV				20	20					4
5	GYM EQUIP. RECEPTACLE				20	20					6
7	GYM EQUIP. RECEPTACLE				20	20					8
9	GYM EQUIP. RECEPTACLE				20	20					10
11	GYM EQUIP. RECEPTACLE				20	20					12
13	SPARE				15	20					14
15					15	20					16
17					15	20					18
19					15	20					20
21					15	20					22
23					15	20					24
25					15	20					26
27	MECH. CONTROL-MECH RM. G/F				15	20					28
29	MECH. CONTROL-MECH RM. G/F				15	20					30
31	RECEPTACLE-PROJECTOR				15	15				RECEPTACLE	32
33	RECEPTACLE-TV (G/F)				15	20				RECEPTACLE	34
35	RECEPTACLE-TV				15	20				RECEPTACLE	36
37	RECEPTACLES				15	15				SPARE	38
39					15	15				MICROWAVE	40
41					15	15				RECEPTACLE	42
43					15	20				RECEPTACLE	44
45	DISH WASHER				15	15				COPY/FAX	46
47	FRIDGE				15	15				RECEPTACLE	48
49	RECEPTACLES				15	15					50
51					15	15					52
53					15	15					54
55					15	15				FRIDGE	56
57					15	15				MICROWAVE	58
59					15	30				STOVE (1)	60
61	FIRE PLACE				20	2P					62
63	RECEPTACLES				15	15				DISH WASHER	64
65					15	15				RECEPTACLE	66
67					15	15				SPARE	68
69	BOTTLE FILLING STATION				15	15					70
71	KITCHEN WARMER				15	15					72
73					2P	15					74
75	KITCHEN WARMER				15	15					76
77					2P					SPACE	78
79	SPACE					15				QUADLOGIC PANEL	80
81						3P					82
83											84

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 22kA I.C.

NOTE: 1. DIV. 16 TO CONFIRM BREAKER SIZE WITH APPLIANCE SHOP DRAWINGS

PANEL LP-P

PANEL ID. LP-P — VOLTS 120/208V — LOCATION 9/F POOL MECH. RM.
MAIN BUS — PHASE 3 — FED FROM PP-P
MAIN BKR 125A — WIRE 4 — ENTER AT — MTG
TYPE — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	LIGHTS				20	15				CHEMICAL CONTROLLER	2
3	POOL ACID FEED PUMP				15	15				WLC SYSTEM	4
5	MECHANICAL CONTROL				15	15				UV SYSTEM	6
7	MECHANICAL CONTROL				15	15				RECEPTACLES	8
9	IRRIAGTION CONTROLLER				15	15				RECEPTACLES	10
11	3KW FFH UNIT				20	15				RECEPTACLES	12
13					2P	15				EF-38, MD	14
15	3KW FFH UNIT				20	15				POOL CONTROLLER	16
17					2P						18
19											20
21											22
23											24
25											26
27											28
29											30
31											32
33											34
35	SPARE				15	15				SPARE	36
37	SPARE				15	15				SPARE	38
39	SPACE									SPACE	40
41	SPACE									SPACE	42

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 22kA I.C.

PANEL LP-PG

PANEL ID. LP-PG — VOLTS 120/208V — LOCATION P1 POOL MECH. RM.
MAIN BUS — PHASE 3 — FED FROM PP-P
MAIN BKR 125A — WIRE 4 — ENTER AT — MTG
TYPE — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1	LIGHTS				20	15				CHEMICAL CONTROLLER	2
3	POOL ACID FEED PUMP				15	15				WLC SYSTEM	4
5	MECHANICAL CONTROL				15	15					6
7	MECHANICAL CONTROL				15	15				RECEPTACLES	8
9	IRRIGATION CONTROLLER				15	15				RECEPTACLES	10
11	CIRCULATION PUMP				15	15				RECEPTACLES	12
13						15				POOL CONTROLLER	14
15					3P						16
17	JET PUMP				15						18
19											20
21					3P						22
23	ELECTRIC HEATER				60						24
25											26
27					3P						28
29											30
31											32
33											34
35	SPARE				15	15				SPARE	36
37	SPARE				15	15				SPARE	38
39	SPACE									SPACE	40
41	SPACE									SPACE	42

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX) — 22kA I.C.

FOR HEAT TRACE AND SONW MELTING

PANEL ID. HT — VOLTS 120/208V — LOCATION P2 ELEC. RM.
MAIN BUS 100A — PHASE 3 — FED FROM MDP-A1
MAIN BKR. — WIRE — ENTER AT — MTG
TYPE — FEEDER

CIR NO.	DESCRIPTION	WATTAGE φA	φB	φC	BKR AMP.	BKR AMP.	WATTAGE φA	φB	φC	DESCRIPTION	CIR NO.
1		-			15	20				HEAT TRACE	2 *
3			-		2P	20					4 *
5	CONCRETE TRENCH			-	15	20					6 *
* 7	HEAT TRACE	-			2P	20					8 *
* 9	DRUM DRIPS HEAT TRACE P1 & P2		-		20	20					10 *
* 11	FHC HEAT TRACE P1 & P2			-	20	20					12 *
* 13	FHC HEAT TRACE 9/F				20	20					14 *
15					20	20					16 *
17					20	20					18 *
19					20	20					20 *
21					20	20					22 *
23					20	20					24 *
25					20	20					26 *
27	SPARE				20	20				SPARE	28
29					20	20					30
31					20	20					32
33					20	20					34
35	SPACE									SPACE	36
37											38
39											40
41											42

φ 'A' TOTAL - W — φ 'B' TOTAL: - W — φ 'C' TOTAL: - W — TOTAL CONNECTED LOAD - KW (APPROX)

NOTES: 1. REQUIRES THE USE OF GFPD'S W/30mA TRIP LEVEL ON ALL CIRCUITS.
2. * DENOTES GFI

SUITE LIGHTING SCHEDULE

SYMBOL	DESCRIPTION	MODEL NO
G1	DENOTES CEILING MOUNTED FIXTURE - FOYER	TBD BY OWNER
G2	DENOTES CEILING MOUNTED FIXTURE - BEDROOM, DEN, FAMILY, STUDY, BREAKFAST	TBD BY OWNER
G4	DENOTES CEILING MOUNTED FIXTURE - WALK IN CLOSET AND LAUNDRY ROOM	TBD BY OWNER
SH	DENOTES CEILING MOUNTED SHOWER FIXTURE - SHOWER	TBD BY OWNER
P	DENOTES KITCHEN POT LIGHT FIXTURE -BATHROOM	TBD BY OWNER
	DENOTES CEILING MOUNTED TRACK LIGHT FIXTURE -KITCHEN	TBD BY OWNER
	DENOTES CEILING CAPPED OUTLET - DINING	
W2 / G12	DENOTES EXTERIOR WALL MOUNT LIGHT FIXTURE -TOWNHOME	TBD BY OWNER
U/C	DENOTES UNDER CABINET FIXTURE - KITCHEN	TBD BY OWNER
	BEGHELLI TYPE NV-12 EMERGENCY BATTERY PACK C/W 2-9W QUARTZ LAMPS	
	WALL MOUNTED EXIT LIGHTING FIXTURE (LED) BY BEGHELLI	
	CEILING MOUNTED EXIT LIGHTING FIXTURE (LED) BY BEGHELLI	

PARKING LOT LIGHTING SCHEDULE

SYMBOL	DESCRIPTION
F	BEGHELLI LIGHING BS100 FAMILY, WET LOCATIONLAMP: BS100 48T823, T8 FLUORESCENT, BAGHELLI ILLUMINA-100, BS-100, 48, T8, 2, 32W, AC, 120V C/W PROGRAM START BALLAST, CEILING MOUNTED FIXTURE. (PARKING LIGHT FIXTURES)
F1	2 x 32w T8 FLUORESCENT, CEILING MOUNTED FIXTURE c/w WIRE GUARD, (PIONEER ST2 C/W WG248). (LOCKER ROOM LIGHT FIXTURES)
F2	PIONEER LIGHTING-SURFACE MOUNTED FUNCTIONAL LIGHTING FIXTURE FOR APPLICATION REQUIRING AMPLE LIGHTING WITH SLEEK APPEARANCE CAT # WR225 (STAIRWELL OR CORRIDOR)
F3	PIONEER LIGHTING- WALL MOUNTED FUNCTIONAL LIGHTING FIXTURE FOR APPLICATION REQUIRING AMPLE LIGHTING WITH SLEEK APPEARANCE CAT # WR125 (STAIRWELL)
F4	BEGHELLI LIGHTING BS100 FAMILY, WET LOCATION LAMP: BS100 48T823, T8 FLUORESCENT, BAGHELLI ILLUMINA-100, BS-100, 48, T8, 2, 32W, AC, 120V C/W PROGRAM START BALLAST, WALL MOUNTED FIXTURE. (PARKING RAMP LIGHT FIXTURES)
F5	BEGHELLI LIGHTING BS100 FAMILY, WET LOCATION LAMP: BS100 48T823, T8 FLUORESCENT, BAGHELLI ILLUMINA-100, BS-100, 48, T8, 2, 32W, AC, 120V C/W PROGRAM START BALLAST, WALL MOUNTED FIXTURE. (PARKING RAMP LIGHT FIXTURES)
X	MODEL # 305013BK (BLACK) C/W FROSTED GLASS, LAMP MEDIUM BASE: 100W A19 MAXIMUM, WALL MOUNTED, CAST ALUMINUM CONSTRUCTION, LAMP SUPPLIED lxTUROLIGHT # TL-GEOM20-15/30K SCREWIN 20W CFL LAMP. (ELEVATOR PIT LIGHT FIXTURE)

EXTERIOR LIGHTING SCHEDULE

SYMBOL	DESCRIPTION
WS	EXTERIOR WALL MOUNTED LIGHT FIXTURE (14/F COOLING TOWER), MANUFACTURE: RAB LIGHTING MODEL NO.: VXBRF26, LAMP:26W TRIPLE

AMENITY ON 9TH FLOOR EXTERIOR LIGHTING SCHEDULE

Key	Quantity	Type	Height	Product Specification	Supplier
W3	10	Recessed Wall Light	200mm	Microblinker - S.6060W-120 - 2.5W Warm White LED	Sistemalux Toronto - 383 Adelaide ST. W. Toronto 416-408-3995
SL1	6	Recessed Step Light	Center 50mm above tread	Micro Plug LED, S4580_4580W_Microplug square	Sistemalux Toronto - 383 Adelaide ST. W. Toronto 416-408-3995
LS1	2	Pole Light	3600mm	U.F.O BY IGUZZINI (SISTEMALUX)	IGUZZINI U.F.O (SISTEMLUX canada) - Toronto, 416-408-3995
L1	1	OUTDOOR LED TAPE LIGHT		WAC LIGHTING, INVISILED PRO OUTDOOR, WET LOCATION LISTED, CATALOGUE # LED-T02435	
L2	2	LED TUBE		IGUZZINI, CATALOGUE #BJ504LED, 24V DC, ELECTRONIC BALLAST, LED LAMP, 12.9W	Sistemalux Toronto - 383 Adelaide ST. W. Toronto 416-408-3995

GROUND FLOOR EXTERIOR LIGHTING SCHEDULE

Key	Quantity	Type	Height	Product Specification
W1	13	Wall Sconce		IGUZZINI UFO-I.BL17-VHO-UNV-W-15 Gray finish LED
W2	9	Wall Sconce		Microslot Square - S.3803W-120 - 4.5W Warm White LED
W3	5	Recessed Wall Light	200mm	Sistemalux Minieos Square LED #S.4645, 1.2W, warm white LED. Finish to refer to landscape drawing.
S1	14	Soffit Light		Zip Square - S.8880-120 - Stainless Steel & Acid Etched Glass - 20W Metal Halide, c/w re-strike
B1	13	Light Bollard	870 mm	Simes s.7262W LOOK bollard single emission-24W warm White 3000K LED. colour: Grey
PL1	5	Pole Light	3500mm	IGUZZINI BU44 System Iteka 16.8W System-Neutral White LED-ST1C comfort Street optic-17W 1520lm (Profile 1). 3500 Pole included. colour: grey. B518 Fixting Plate Required

GENERAL LIGHTING CONTROL SENSOR:

1. ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
2. ULTRASONIC CEILING MOUNT SENSORS SHOULD BE LOCATED A MINIMUM OF SIX (6) FEET FROM HVAC SUPPLY/RETURN VENTS.
3. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS FOR NON-ADAPTIVE PRODUCTS, FOLLOWING THE MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
4. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PACKS:
A. ONE POWER PACK IS REQUIRED FOR EACH CONTROLLED CIRCUIT.
B. EACH POWER PACK CAN SUPPLY UP TO 150mA. REFER TO INSTALLATION GUIDE FOR MAXIMUM NUMBER OF SENSORS CONNECTED TO POWER PACK.
C. IF MULTIPLE CIRCUITS ARE TO BE CONTROLLED BY A SINGLE SENSOR, AUXILIARY RELAYS MAY BE USED IN CONJUNCTION WITH A POWER PACK.
5. SENSORS MOUNTED OVER DOORWAYS SHOULD BE PLACED ONE (1) FOOT INSIDE THRESHOLD.

LEVITON OCCUPANCY SENSOR SCHEDULE

DEVICE	MODEL	DESCRIPTION
2000	OSC20-M0W	CEILING MOUNTED MULTI-TECH, 2000 SQ FT
10 / 15	ODS15-ID	WALL SWITCH PIR, SELF POWERED
1500	OSC15-I0W	CEILING MOUNTED PIR, 1500 SQ FT

ELECTRIC HEATER SCHEDULE

TYPE	DESCRIPTION	MANUFACTURE'S	MODEL	POWER
FFH	3000W FAN FORCED HEATER, RECESSED WALL MOUNTED c/w BUILT-IN THERMOSTAT	OUELLET	OAC04000	208V - 1Ø

LIGHTING AND ELECTRICAL LEGEND

TYPE A — *(Throughout)*
Recessed rectangular directional downlight fixture
Eurofase- 2LT Trimless Multiple Recessed LED w/ driver
Size: 12-1/16" x 4"
Lamp: 3 x 3w LED, warm white 3000k
Finish: White
Specification: # TE211LED-02
Suitable housing as required. Plaster kit as required.
Refer to RCP for location.
Supplier: Litemode
Contact:

TYPE A2 — *(Throughout)*
Recessed rectangular directional downlight fixture
Eurofase- 2LT Trimless Multiple Recessed LED w/ driver
Size: 12-1/16" x 4"
Lamp: 6 x 3w LED, warm white 3000k
Finish: White
Specification: #TE212LED-02
Suitable housing as required. Plaster kit as required.
Refer to RCP for location.
Supplier: Litemode

TYPE A3 — *(Throughout)*
Multiple trimless LED recessed
Eurofase- 3 Light Trimless Multiple Recessed LED w/ driver
Size: 12-1/16"x4"wx5-3/16"h
Lamp: 3x9w LED Osram
Finish: White
Specification: #TE213LED
Suitable housing as required. Plaster kit as required.
Refer to RCP for location.
Supplier: Litemode

TYPE A4 — *(Fitness Area)*
Recessed Rectangular directional downlight fixture
Eurofase TE114ALED Multiple Recessed LED
Size: 18.5" x 6.5" x6"h
Lamp: 4x9w LED Osram
Finish: 01 Black/Black
Suitable housing as required. Refer to RCP for location.

TYPE B — *(Lobby, Beside Fireplace)*
Pendant
Vibia Slim one light pendant
Size: 39.25"l x 1"dia x 6-1/4" canopy
Lamp: 1x3w LED
Finish: Black
Specification: Slim 0920
Suitable housing as required.
Refer to RCP for location.

TYPE C — *(Lobby Lounge)*
Concentric ring chandelier
Paul Loebach Halo Chandelier - 3 Rings
Roll and Hill
42" dia x 34" h
12 Week Lead Time**
Blackened Steel Finish
Drop length TBD on site.
Supplier: Light Form

TYPE D — *(Throughout)*
Same as Type A1, to be aimed and adjusted on site with designer.

TYPE E — *(Cove Lighting Throughout)*
InvisiLED Pro 2 High Output Tape Light LED-TX2430-5-WT
4w per foot, 90 CRI
Complete with Rigid aluminum channel with frosted polycarbonate diffuser.
Corner connectors as required. Length per RCP/Elevation (field cuttable)
Supplier: WAC lighting

TYPE F — *(Amenity, Bar)*
Pendant fixture
Vibia Rhythm 2113-14 by Arik Levy
40x 8W LED Strip, 116W total
Fin: 14 (Black)
Supplier: Lightform

TYPE G — *(Throughout, Millwork)*
Under cabinet light
Feeled Slimlamp LED w flat milky lens
Model #LSL1530
15W, 3000K
c/w SL-Bracket, connectors and power supply as required.
Refer to RCP and elevations for lengths.
Supplier: Lightform

TYPE H — **(Dining Room Wall Niches)**
Pendant Light
Brubeck pendant light.
Finish to match type H
Refer to RCP and elevations for qty and location.
Supplier: Studio 1112

TYPE J — *(Dining Room)*
Pendant light
Delightfull Coltrane Suspension Light. Black Matte exterior, Gold powder interior. 2x G9 Halogen Bulbs per tube (Confirm compatible LED replacement). Cord length TBD on site. 1000mm L x 80mm Dia
Qty per RCP/Elevation.
Supplier: Studio1112

TYPE K — **(Fitness Area, Millwork)**
Recessed Adjustable Downlight
Eurofase TE111LED
01 Black/Black Trim
1x9W LED
Refer to RCP for location.
Supplier: Litemode

TYPE L — **(Spa)**
Recessed Directional Downlight, suitable for wet area
To be confirmed with lighting consultant.

TYPE M — **(Barrier Free Washroom - grd and 9th floor)**
Surface Mounted LIght
Eureka Lap 3151
Size: 18" L
Lamp: 5w LED, 3000K
Chrome Structure, matte white diffuser
Refer to RCP for qty and location.
Supplier: Litemode

TYPE N — **(Changerooms)**
TBC

TYPE P — **(Showers)**
Element 3 Inch Adjustable downlight
E3R- 3 in Round, Flanged Bevel Shower trim.
Finish: White
Supplier: Litemode

TYPE Q — **(Theatre)**
Wall Sconce
Stickbulb Vertical Sconce
4'-0" length
Walnut/Blackened Steel
3000K Watt LED light
Refer to RCP and Elevations for location.
Supplier: Studio1112

TYPE R — **(Suite Entry)**
Custom, Back Lit Wall Sconce with Laser Cut Suite Number
Supplier: Litemode

TYPE S — **(Typical Corridors)**
Surface Mounted Fixture
Eureka Spin 3036-WH
LED.22.30.DP, 3000k 22W
Supplier: Litemode

TYPE T — **(Party Room - TV unlt)**
Low Profile Recessed Display LIght
MP Lighting, L64
2.5W, 3000K, narrow flood
Black anodlzed alum.
Supplier: Studio1112

TYPE U — **(Parking Levels)**
Eureka Bass
12540-1X1-H-WH-BLK-BLK
4W LED, 3000k
Refer to RCP for locations.
Supplier: Litemode

TYPE V — **(Lobby, Between Wood Fins)**
Utah Recessed LED
L3UT- REC- SYS
7W/ft LED, 3000k
58mm W X Length as per RCP- to align with wood fins.
Refer to RCP for locations.
Supplier: Zaneen

TYPE W — **(Elevator Lobby)**
Floor Mounted Accent Lighting
TSLVI- 471
Aluminum trim, flush mounted
1 X 3w LED LOE- 051 (Warm White)
Refer to RCP for locations.
Supplier: Eurolite

TYPE X — **(Lobby - over concierge desk)**
Pendant Light
Vibia, Slim 0916
Black carbon fiber for hanging lights and ceiling plate
7X 3W LED, 3000K
Refer to RCP for locations.
Supplier: Lightform

ELECTRICAL LEGEND

LIGHTING

- FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED
- NIGHT LIGHT OR LIGHT CONNECTED TO EMERGENCY POWER
- CEILING MOUNTED/WALL MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE
- POLE MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE
- CAPPED CEILING LIGHT OUTLET
- TRACK LIGHT
- STRIP LIGHT
- UNDER CABINET FLUORESCENT LIGHT FIXTURE
- CEILING MOUNTED/WALL MOUNTED EXIT SIGN
- SINGLE/DUAL EMERGENCY LAMP REMOTE HEAD
- EMERGENCY BATTERY PACK
- PP — OCCUPANCY SENSOR POWER PACKS
- $/$/$ $3, $4, $P, $D — SINGLE/TWO/THREE POLE, SINGLE/TWO/THREE THROW TOGGLE SWITCH RESPECTIVELY, ('3','4','P','D' DENOTES 3-WAY,4-WAY,PILOT LIGHT, DIMMER SWITCHED LIGHT RESPECTIVELY)
- MASTER LIGHTING SHUT-OFF SWITCH
- SENSOR WALL SWITCH PIR, SELF POWERED
- OCCUPANCY SENSOR, CEILING MOUNTED

POWER

- REGULAR DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE, GROUND FAULT INTERRUPT
- 5-20R T-SLOT DUPLEX RECEPTACLE
- SINGLE RECEPTACLE, TYPE AND CONFIGURATION AS SPECIFIED FOR DRYER
- CONNECTION FOR OVEN/COOKTOP
- ABOVE COUNTER DEVICE
- CEILING MOUNTED DEVICES
- FLOOR MOUNTED DEVICES
- DISCONNECT SWITCH, NON-FUSED
- DISCONNECT SWITCH, FUSED
- COMBINATION STARTER
- FRACTIONAL MOTOR/FAN DIRECT CONNECTION
- DIRECT CONNECTION, SINGLE PHASE
- DIRECT CONNECTION, THREE PHASE
- THERMOSTAT
- DS — DRYER SENSOR
- HEAT TRACE
- ELECTRICAL HEATER
- EP / SP — ELECTRICAL PANEL / SECURITY PANEL

TELECOMMUNICATION

- TV/CABLE OUTLET
- TELEPHONE OUTLET
- MP — TELEPHONE/TV CABLE (MULTI-PORT OUTLET)
- DATA OUTLET
- DATA/TELEPHONE OUTLET
- CB — IN SUITE TELECOMM. BOX C/W RECEPTACLE
- WIFI — WIFI LOCATION
- VIC — VIDEO INTERCOM
- RR — RADIO RECEIVER

SECURITY

- IC / ENT — INTERCOM / ENTERPHONE
- ICV — INTERCOM WITH CAMERA
- PB / PAR — PANIC BUTTON / PANIC INTERCOM STATION
- CR — CARD READER
- ARCA / RR — AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER
- ES — ELECTRIC STRIKE
- ML — MAGLOCK
- DC / WC — DOOR CONTACT / WINDOW CONTACT
- GB — GLASS BREAK DETECTOR
- DO — AUTOMATIC DOOR OPERATOR
- MD — MOTION DETECTOR
- PUSH BUTTON
- SECURITY CAMERA

LIFE SAFETY

- FIRE ALARM SMOKE DETECTOR
- A — SMOKE ALARM
- D — FIRE ALARM DUCT TYPE SMOKE DETECTOR
- FIRE ALARM HEAT DETECTOR
- H — FIXED TEMP. 88 °C DEGREE HEAT DETECTOR
- M — MOISTURE PROOF HEAT DETECTOR
- CO ALARM
- A — COMBINATION SMOKE & CO ALARM
- CO / NO — CO SENSOR / NO SENSOR
- FIRE ALARM MANUAL PULL STATION
- H — FIREFIGHTER'S HANDSET
- S — FIRE ALARM SPEAKER/STROBE, WALL MTD.
- FIRE ALARM SPEAKER, WALL MTD.
- S — FIRE ALARM SPEAKER/STROBE CEILING MTD.
- FIRE ALARM SPEAKER, CEILING MTD.
- FAAP — FIRE ALARM ANNUNCIATOR PANEL
- FACP — FIRE ALARM CONTROL PANEL

REVISIONS

DATE	NO.	DESCRIPTION	BY
07/28/15	10	ISSUED FOR S.I. #E-6	S.T.
06/17/15	9	ISSUED FOR S.I. #E-5/LIGHTING ADDENDUM # 1	S.T.
04/08/15	8	ISSUED FOR S.I. #E-3	S.T.
03/27/15	7	ISSUED FOR SECURITY TENDER	S.T.
03/25/15	6	ISSUED FOR S.I. #E-2	S.T.
01/28/15	5	ISSUED FOR S.I. #E-1	S.T.
10/31/14	4	RE-ISSUED FOR TENDER	S.T.
09/23/14	3	ISSUED FOR TENDER	S.T.
07/10/14	2	RE-ISSUED FOR PERMIT	S.T.
05/30/14	1	ISSUED FOR PERMIT	S.T.

MARK VOID ALL PRINTS DATED PREVIOUS TO FINAL DATE ABOVE

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEERS BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS THE PROPERTY OF THE ENGINEERS AND MUST BE RETURNED UPON COMPLETION OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED

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Fax: 905 882-5447
Email: cad@novatrendeng.com

DRAWING TITLE: ELECTRICAL PANEL SCHEDULES & LIGHTING SCHEDULES

PROJECT TITLE: ALEXANDRA PARK
38 CAMERON STREET, BLOCK 11
TORONTO ONTARIO

DRAWN BY:	CHECKED BY:	SCALE:
S.O.	S.T.	N.T.S.
DATE: FEB, 13	PROJECT NUMBER: 1313	DRAWING NUMBER: E-34 OF

Drawing name: \\cadserver\Current Dwg\13\1313 - Alexandra Park\DIV16\1313E- 34 (PANELS & LTG. SCHEDULE).dwg Plotted: Jul 28, 2015 - 11:42am