

GEORGE ROBB ARCHITECT

4800 DUNDAS STREET WEST, SUITE 201
TORONTO ONTARIO M9A 1B1
(TEL) 416-596-8301
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ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON THE JOB.

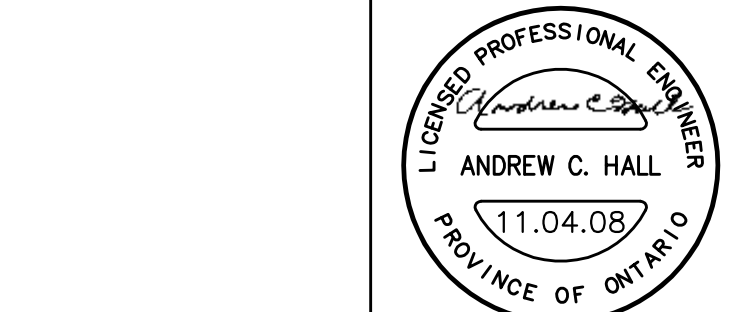
ANY AND ALL DISCREPANCIES TO BE REPORTED TO THE ARCHITECT.

ALL DRAWINGS REMAIN THE PROPERTY OF THE ARCHITECT.

DO NOT SCALE DRAWINGS.

No.	Issue	Date
00	ISSUED FOR PERMIT	10.01.28
01	ISSUED FOR TENDER	10.06.01
02	RE-ISSUED FOR TENDER	11.04.08

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ADDITION & ALTERATIONS - EGAN FUNERAL HOME

203 Queen St. S., Bolton, ON

Basement Floor Plan, Elevations, Details and Schedules

PROJECT NUMBER	CE-1157
SCALE	1/4" = 1'-0"
DATE	FEB 09, 2009
DRAWN	DJR
CHECKED	MJV
SET NO.	DRAWING NO.

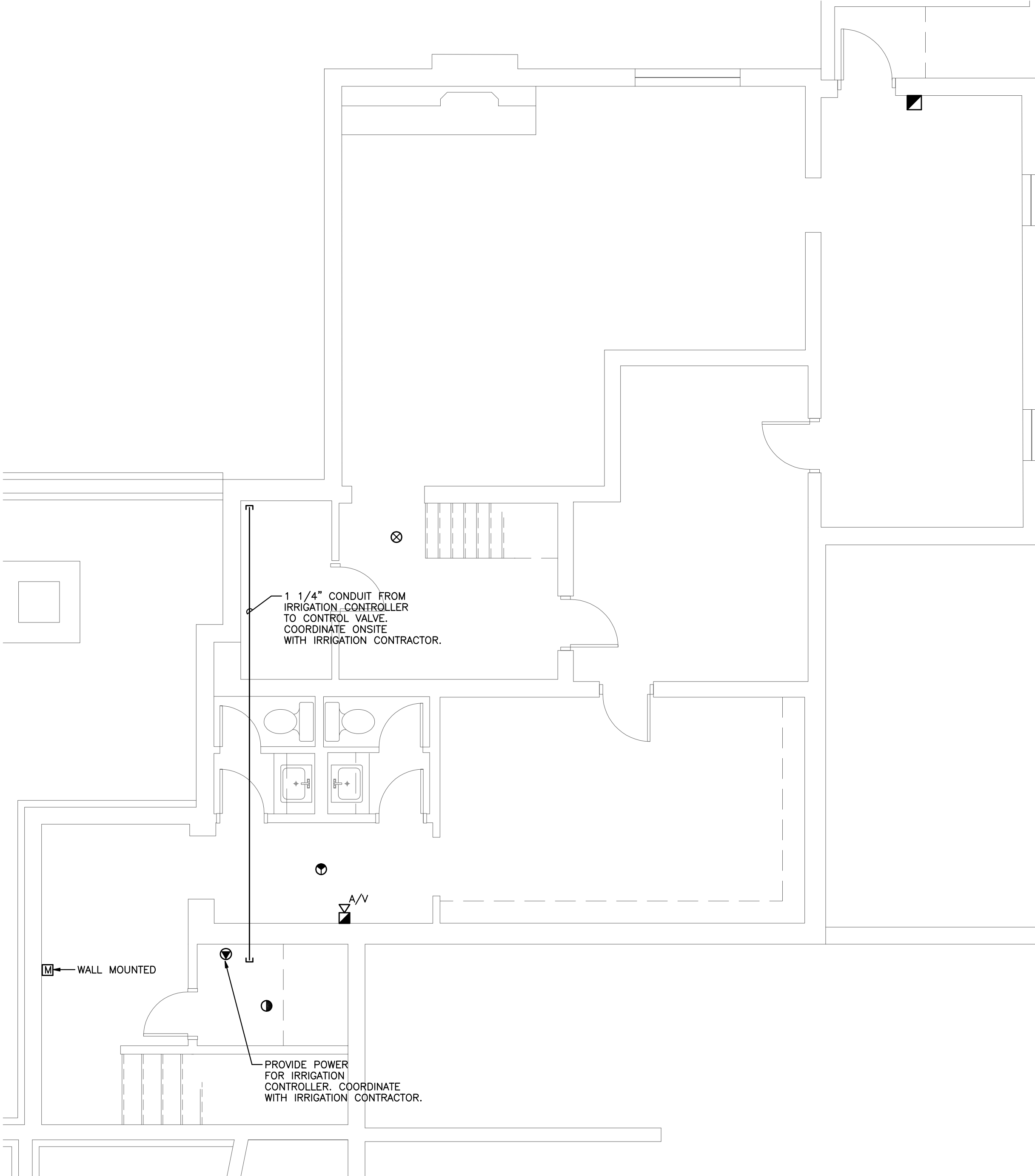
E302

WIRING FOR MECHANICAL EQUIPMENT SCHEDULE																	
LABEL	DESCRIPTION	LOCATION	VOLT	PH	HP	WATTS	MCA	ISO SWITCH	P	POWER WIRING	CONTROL BY DIV. 16	SOURCE PANEL	DISC AMP	FUSE	BRK	P	REMARKS
RTU-201	ROOFTOP UNIT	REFER TO DWG'S	575	3	1 1/3	-	16.2	MECH	3	30#10	-	SPLITTER	30A	20A	-	3	-
RTU-202	ROOFTOP UNIT	REFER TO DWG'S	575	3	3/4	-	10.4	MECH	3	30#12	-	SPLITTER	15A	15A	-	3	-
RTU-203	ROOFTOP UNIT	REFER TO DWG'S	575	3	3/4	-	10.4	MECH	3	30#12	-	SPLITTER	15A	15A	-	3	-
RTU-101	ROOFTOP UNIT	REFER TO DWG'S	575	3	-	-	32.4	MECH	3	30#6	-	SPLITTER	EXISTING	40A	-	3	SEE E301 NOTE 5
RTU-102	ROOFTOP UNIT	REFER TO DWG'S	575	3	3/4	-	15.1	MECH	3	30#12	-	SPLITTER	30A	20A	-	3	-
EF-101	ROOFTOP EXHAUST FAN	REFER TO DWG'S	120	1	1/4	-	-	MECH	1	20#12	RAT	B-36	-	-	15A	1	NOTE 2
EF-102	ROOFTOP EXHAUST FAN	REFER TO DWG'S	120	1	1/6	-	-	MECH	1	20#12	TC	B-34	-	-	15A	1	NOTE 3
EF-202	LAUNDRY ROOM EXHAUST FAN	REFER TO DWG'S	120	1	FHP	-	-	MECH	1	20#12	OS	B-40	-	-	15A	1	-
EF-201	SERVERY EXHAUST FAN	REFER TO DWG'S	120	1	FHP	-	-	15A SW	1	20#12	SW	B-38	-	-	15A	1	-
EF-203	A/V ROOM EXHAUST FAN	REFER TO DWG'S	120	1	FHP	-	-	15A SW	1	20#12	SW	B-34	-	-	15A	1	NOTE 3
EF-204	ROOFTOP EXHAUST FAN	REFER TO DWG'S	120	1	1/4	-	-	15A SW	1	20#12	TC	B-34	-	-	15A	1	NOTE 3
P-101	IN-FLOOR HEAT CIRC. PUMP	REFER TO DWG'S	120	1	1/6	-	-	15A SW	1	20#12	SW	B-26	-	-	15A	1	-
P-102	DOMESTIC HW CIRC. PUMP	REFER TO DWG'S	120	1	1/6	-	-	15A SW	1	20#12	SW	B-24	-	-	15A	1	-
P-103	ELEVATOR SUMP PUMP	REFER TO DWG'S	120	1	2/5	-	-	RECEPT	1	20#12	-	B-22	-	-	15A	1	-
ELV-101	ELEVATOR MACHINE	REFER TO DWG'S	600	3	40	-	41	100A	3	30#3	-	DP-1	-	-	100A	3	NOTE 2
CAP-101	CAPPUCCINO MACHINE	REFER TO DWG'S	208	1	-	2400	11.8	6-20R	2	20 #12	-	B-43,45	-	-	15A	2	NOTE 4
DW-101	DISHWASHER	REFER TO DWG'S	120	1	-	-	-	-	1	20 #12	-	B-47	-	-	15A	1	NOTE 4
ABBREVIATIONS:																	
TC	= 7 DAY PROGRAMMABLE TIMECLOCK	MAN SW	-	-	-	-	-	-	-	NOTES: 1. WHERE NOTED DISCONNECT IS PROVIDED BY MECHANICAL CONTRACTOR INTEGRAL TO THE EQUIPMENT. 2. REVERSE ACTING THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR. 3. ELECTRICAL CONTRACTOR TO PROVIDE TIMECLOCK AND CONTACTORS FOR CONTROL OF EXHAUST FANS AS NOTED. 4. CONFIRM CONNECTION TYPE ONSITE AND PROVIDE.							
CONT	= CONTRACTOR, SEE AS INDICATED	RAT	-	-	-	-	-	-	-								
COMB	= COMBINATION DISCONNECT & STARTER	HOA	-	-	-	-	-	-	-								
PNR	= FULL VOLTAGE NON REVERSING STARTER	TS	-	-	-	-	-	-	-								
MAN	= MANUAL MOTOR SWITCH C/W PILOT LIGHT	WP	-	-	-	-	-	-	-								
MECH	= PROVIDED BY MECHANICAL CONTRACTOR	OS	-	-	-	-	-	-	-								

ELECTRIC HEATER SCHEDULE						
TYPE	MANUFACTURER	MODEL	CATALOGUE NUMBER	WATTAGE	VOLTAGE	REMARKS
EBB-101	CHROMALOX	AF6 SERIES	AF6F2052110A2	500	208	INCLUDE INTEGRAL THERMOSTAT
EBB-102	CHROMALOX	AF6 SERIES	AF6F4102110A2	1000	208	INCLUDE INTEGRAL THERMOSTAT
EFF-101	OUELLET	OACAP SERIES	OACAP4008	4000	208	INCLUDE INTEGRAL THERMOSTAT AND DISCONNECT

PANEL A2		Voltage:120/208 A.I.C.: 10000 Type: NBLP	Mains: 225A Mounting:RECESSED Phone: 36 4W
WATTS	FOR	P AMP CCT CCT AMP P	FOR WATTS
NOTE 2 UP OFF/STOR LIGHTS	1 15 1 2 15 1	POLE LIGHTS	NOTE 3
NOTE 2 LOUNGE LIGHTS	1 15 3 4 15 1	SOUND PROOF REC	-
NOTE 2 SERVERY W/R LIGHTS	1 15 5 6 15 1	GARAGE LIGHTS	-
NOTE 2 CORRIDOR LIGHTS	1 15 7 8 15 1	GARAGE LIGHTS	-
NOTE 2 CORRIDOR LIGHTS	1 15 9 10 15 1	GARAGE LIGHTS	-
NOTE 2 CORRIDOR LIGHTS	1 15 11 12 15 1	GARAGE LIGHTS	-
NOTE 2 CORRIDOR LIGHTS	1 15 13 14 15 1	PREP ROOM/STOR LIGHTS	-
NOTE 2 KITCHEN SPLIT REC	2 15 15 16 15 1	HALL/STAIR/W/R LIGHTS	-
NOTE 2 KITCHEN SPLIT REC	2 15 17 18 15 1	TRACK LIGHTS	-
NOTE 2 KITCHEN SPLIT REC	2 15 19 20 15 1	TIME CLOSET	-
NOTE 2 LOUNGE REC	1 15 21 22 15 1	CHAPEL LIGHTS	-
NOTE 2 LOUNGE REC	1 15 23 24 15 1	FAMILY ROOM LIGHTS	-
NOTE 2 UP/OFF REC	1 15 25 26 15 1	FOYER LIGHTS	-
NOTE 2 LOUNGE REC	1 15 27 28 15 1	FOYER LIGHTS	-
NOTE 2 LOUNGE REC	1 15 29 30 15 1	DOWN OFF LIGHTS	-
NOTES:			
1. CIRCUITS IN BOLD ARE TO BE RE-USED. OTHER CIRCUITS EXPECTED TO BE EXISTING TO REMAIN. CONFIRM ONSITE.			
2. EXISTING CIRCUITS TO BE REUSED IN RENOVATED SPACE. CONFIRM ONSITE.			

PANEL A3		Voltage:120/208 A.I.C.: 10000 Type: NBLP	Mains: 225A Mounting:RECESSED Phone: 36 4W
WATTS	FOR	P AMP CCT CCT AMP P	FOR WATTS
NOTE 2 LOUNGE REC	1 15 1 2 15 1	REC	-
NOTE 2 CORRIDOR REC	1 15 3 4 15 1	FAMILY ROOM REC	-
NOTE 2 CORRIDOR REC/LITE	1 15 5 6 15 1	REC	-
NOTE 2 DRAPE TRACK & FANS	1 15 7 8 15 1	CHAPEL REC	-
NOTE 2 GARAGE REC	1 15 9 10 15 1	CHAPEL LIGHTS	-
NOTE 2 PREP ROOM REC	1 15 11 12 15 1	CHAPEL LIGHTS	-
NOTE 2 HOT WATER TANK	2 30 13 14 15 1	CHAPEL LIGHTS	-
NOTE 2 PREP ROOM A/C	2 30 15 16 15 1	CHAPEL LIGHTS	-
NOTE 2 PREP ROOM A/C	2 30 17 18 15 1	EMBALMING MACHINE	-
NOTE 2 UP W/R GFI REC	1 15 21 22 30 2	DRYER	-
NOTE 2 KITCHEN SPLIT REC	2 15 23 24 15 1	AC DAMPER TRANSFORMER	-
NOTE 2 KITCHEN SPLIT REC	2 15 25 26 15 1	SPACE	-
NOTE 2 KITCHEN SPLIT REC	2 15 27 28 15 1	SPACE	-
NOTE 2 KITCHEN SPLIT REC	2 15 29 30 15 1	SPACE	-
NOTES:			
1. CIRCUITS IN BOLD ARE TO BE RE-USED. OTHER CIRCUITS EXPECTED TO BE EXISTING TO REMAIN. CONFIRM ONSITE.			
2. EXISTING CIRCUITS TO BE REUSED IN RENOVATED SPACE. CONFIRM ONSITE.			



BASEMENT FLOOR PLAN

SCALE: 1/4" = 1'-0"

NOTES:

- ITEMS IN EXISTING CONTROL ROOM PROVIDED BY OTHERS INCLUDE: SWITCHER/SCALER, 22" LCD MONITOR, LAPTOP, DVD PLAYER, WIFI ROUTER/TRANSMITTER, TWO (2) AUDIO AMPLIFIERS WITH EXTERNAL VOLUME CONTROLS, CAMERA JOYSTICK, WIRELESS PROJECTION SCREEN REMOTE CONTROL, AND PROJECTOR REMOTE CONTROL. ALL ASSOCIATED LOW VOLTAGE WIRING, INTERCONNECTING CABLES AND DRESSING OF CABLES BY OTHERS.
- ITEMS IN EXISTING CONTROL ROOM PROVIDED BY ELECTRICAL CONTRACTOR: TWO (2) QUAD RECEPTACLES AND CONDUITS WITH PULL STRINGS FOR LOW VOLTAGE WIRING. LOCATION OF DEVICES AND ROUTING OF CONDUITS TO BE CONFIRMED ONSITE. CONDUIT SIZES AS NOTED.
- PB1 = 12"x12"x8" PULL BOX. PB2 = 16"x14"x4" PULL BOX. PULL BOXES MOUNTED IN ACCESSIBLE CEILING SPACE IN ROOMS OR JUST OUTSIDE OF ROOMS. PROVIDE ACCESS PANELS AS REQUIRED. CONFIRM FIRE-RATED REQUIREMENTS WITH ARCHITECTURAL PLANS.
- ITEMS IN EXISTING CHAPEL PROVIDED BY OTHERS INCLUDE: CCTV CAMERA, PROJECTOR SCREEN, PROJECTOR, A/V PATCH STATION AND ALL ASSOCIATED LOW VOLTAGE WIRING.
- ITEMS IN EXISTING CHAPEL PROVIDED BY ELECTRICAL CONTRACTOR: POWER FOR CCTV CAMERA, PROJECTOR SCREEN AND PROJECTOR. CONDUIT WITH PULL STRING AND BACKBOXES FOR LOW VOLTAGE WIRING ASSOCIATED WITH CCTV CAMERA, PROJECTOR SCREEN, PROJECTOR AND A/V PATCH STATION.
- ITEMS IN NEW VIEWING ROOMS 203 AND 204 PROVIDED BY OTHERS INCLUDE: PLASMA AND MONITORS, SPEAKERS, A/V PATCH STATION AND ALL ASSOCIATED LOW VOLTAGE WIRING.
- ITEMS IN NEW VIEWING ROOMS 203 AND 204 PROVIDED BY ELECTRICAL CONTRACTOR INCLUDE: POWER FOR PLASMA AND LCD MONITORS. CONDUIT WITH PULL STRING, BACKBOXES, PB1 FOR LOW VOLTAGE WIRING FOR PLASMA AND LCD MONITORS, SPEAKERS AND A/V PATCH STATION.
- ITEMS IN NEW SITTING ROOM 201 PROVIDED BY ELECTRICAL CONTRACTOR INCLUDE: POWER FOR LCD MONITOR. CONDUIT WITH PULL STRING, BACKBOXES AND PB2 FOR LOW VOLTAGE WIRING FOR LCD MONITOR AND A/V PATCH STATION.
- ITEMS IN NEW SITTING ROOM 201 PROVIDED BY ELECTRICAL CONTRACTOR TO INCLUDE: POWER FOR LCD MONITOR. CONDUIT WITH PULL STRING, BACKBOXES AND PB2 FOR LOW VOLTAGE WIRING FOR LCD MONITOR AND A/V PATCH STATION.
- ITEMS IN EXISTING GROUND FLOOR VISITATION ROOMS 106 AND 107 PROVIDED BY OTHERS INCLUDE: SPEAKERS AND ALL ASSOCIATED LOW VOLTAGE WIRING.
- ITEMS IN EXISTING GROUND FLOOR VISITATION ROOMS 106 AND 107 PROVIDED BY ELECTRICAL CONTRACTOR INCLUDE: PB1, CONDUIT WITH PULL STRING AND BACKBOXES FOR LOW VOLTAGE WIRING FOR SPEAKERS.
- ITEMS IN FOYER 115 AND HALLWAY 102 PROVIDED BY OTHERS INCLUDE: LCD MONITORS AND WIFI DEVICES.
- ITEMS IN FOYER 115 AND HALLWAY 102 PROVIDED BY ELECTRICAL CONTRACTOR INCLUDE: POWER FOR LCD MONITORS AND WIFI DEVICES. CONDUIT WITH PULL STRINGS AND BACKBOXES FOR LOW VOLTAGE WIRING.
- ITEMS IN NEW RECEPTION ROOM 222 PROVIDED BY OTHERS INCLUDE: LCD MONITOR, A/V PATCH STATION AND ALL ASSOCIATED LOW VOLTAGE WIRING.
- ITEMS IN NEW RECEPTION ROOM 222 PROVIDED BY ELECTRICAL CONTRACTOR TO INCLUDE: POWER FOR LCD MONITOR. CONDUIT WITH PULL STRING, BACKBOXES AND PB2 FOR LOW VOLTAGE WIRING FOR LCD MONITOR AND A/V PATCH STATION.
- ALL CONDULATE FITTINGS NOT ACCEPTED. ALL CONDUIT TO HAVE RADIUS BENDS, MAXIMUM 180 DEGREES BETWEEN PULL STRING BUSHINGS ON ALL CONDUIT ENDS. CLEARLY LABEL ALL CONDUITS AS TO POINT OF ORIGIN AND UTILIZATION.

PANEL A1		Voltage:120/208 A.I.C.: 10000 Type: NBLP	Mains: 225A Mounting:RECESSED Phone: 36 4W
WATTS	FOR	P AMP CCT CCT AMP P	FOR WATTS
NOTE 1 RE-FEED EXISTING	1 15 3 4 15 1	OUTSIDE LIGHTS	NOTE 3
NOTE 1 RE-FEED EXISTING	1 15 5 6 15 1	OUTSIDE LIGHTS	NOTE 3
NOTE 1 RE-FEED EXISTING	1 15 7 8 15 1	SIGN	NOTE 3
NOTE 1 RE-FEED EXISTING	1 15 9 10 30 2	2ND FLOOR ROOFTOP A/C	-
NOTE 1 RE-FEED EXISTING	1 15 11 12	SPACE	-
NOTE 1 RE-FEED EXISTING	1 15 13 14	SPACE	-
NOTE 1 ROOF HEATING CABLE	2 20 15 16	SPACE	-
NOTE 1 ROOF HEATING CABLE	2 20 17 18	SPACE	-
NOTE 1 ROOF HEATING CABLE	2 20 19 20	SPACE	-
NOTE 1 ROOF HEATING CABLE	2 20 21 22	SPACE	-
NOTE 1 ROOF HEATING CABLE	2 20 23 24	2 ROOF HEATING CABLE	-
NOTE 1 ROOF HEATING CABLE	2 20 25 26	2 ROOF HEATING CABLE	-
NOTE 1 ROOF HEATING CABLE	2 20 27 28	2 ROOF HEATING CABLE	-
NOTE 1 ROOF HEATING CABLE	2 20 29 30	2 ROOF HEATING CABLE	-

NOTES:

- PROVIDE SIX(6) NEW CIRCUITS IN EXISTING PANEL. ALLOW FIFTY(50) FEET OF #12 WIRING TO GROUND FLOOR BELOW DEMOLISHED UPPER FLOOR AREA. THESE CIRCUITS ARE TO BE PROVIDED AS REQUIRED TO MAINTAIN CIRCUITS WITH FEEDS WERE REMOVED AS A RESULT OF DEMOLITION OF STRUCTURE ABOVE. CONFIRM REQUIREMENTS ONSITE DURING DEMOLITION.

PANEL B		Voltage:120/208 A.I.C.: 10000 Type: NBLP	Mains: 225A Mounting:SURFACE Phone: 36 4W
WATTS	FOR	P AMP CCT CCT AMP P	FOR WATTS
NOTE 1 A/V ROOM QUAD REC	1 15 1 2 20 2	BASEBOARDS	4000
NOTE 1 A/V ROOM QUAD REC	1 15 3 4	BASEBOARDS	-
NOTE 1 SPARE	1 15 5 6 30 2	EFF-101	4000
NOTE 1 VIEWING 203 PLASMA	1 15 7 8	-	-
NOTE 1 VIEWING 204 LCD	1 15 9 10 15 1	DOOR OPERATOR	-
NOTE 1 VIEWING 203 LCD	1 15 11 12 15 1	DIRECTORY LCD/WIFI	-
NOTE 1 O/C SITTING RM 201	1 15 13 14 15 1	DIRECTORY LCD/WIFI	-
NOTE 1 VIEWING 204 REC BOTTOM	1 15 15 16 15 1	CHAPEL SCREEN	-
NOTE 1 VIEWING 204 REC TOP	1 15 17 18 15 1	CHAPEL PROJECTOR	-
NOTE 1 VIEWING 203 REC BOTTOM	1 15 19 20 15 1	CHAPEL CCTV	-
NOTE 1 VIEWING 203 REC TOP	1 15 21 22 15 1	PUMP P-103	-
NOTE 1 SITTING 201 REC BOTTOM	1 15 23 24 15 1	PUMP P-102	-
NOTE 1 SITTING 201 REC TOP	1 15 25 26 15 1	PUMP P-101	-
NOTE 1 NEW WASHROOM REC	1 15 27 28 20 1	ELEVATOR ROOM REC	-
NOTE 1 STORAGE ROOMS REC	1 15 29 30 20 1	ELEVATOR PIT REC	-
NOTE 1 CORRIDOR REC	1 15 31 32 15 1	ELEVATOR CAB LIGHTS	-
NOTE 1 CORRIDOR REC	1 15 33 34 15 1	1EF-102,203 TIMECLOCK	-
NOTE 1 WASHER	1 15 35 36 15 1	EF-101	-
NOTE 1 DRYER	2 30 37 38 15 1	EF-202/SERVERY LIGHTING	-
NOTE 1 LAUNDRY REC	1 15 39 40 15 1	LAUNDRY/STOR. LIGHTING	-
NOTE 1 LAUNDRY REC	1 15 41 42 15 1	VIEWING 203 LIGHTS	-
NOTE 1 CAPPUCCINO MACHINE	2 15 43 44 15 1	VIEWING 204 LIGHTS	-
NOTE 1 WINE COOLER	1 15 45 46 15 1	CORR. LIGHTS	-
NOTE 1 FRIDGE	1 15 47 48 15 1	STAIR LIGHTS	-
NOTE 1 O/C RECEPTACLES	1 15 49 50 15 1	OUTDOOR HOUSE REC.	-
NOTE 1 OFFICE RECEPTACLES	1 15 51 52 15 1	SPARE	-
NOTE 1 OFFICE RECEPTACLES	1 15 53 54 15 1	SPARE	-
NOTE 1 OFFICE RECEPTACLES	1 15 55 56 15 1	SPARE	-
NOTE 1 OFFICE RECEPTACLES	1 15 57 58 15 1	SPARE	-
NOTE 1 STORAGE ROOM REC	1 15 59 60	-	-
NOTE 1 RECEPTION 222 LCD 1	1 15 61 62	-	-
NOTE 1 ELECTRIC BROOM	1 15 63 64	-	-
NOTE 1	1 15 65 66	-	-
NOTE 1	1 15 67 68	-	-
NOTE 1	1 15 69 70	-	-
NOTE 1	1 15 71 72	-	-
NOTE 1	1 15 73 74	-	-
NOTE 1	1 15 75 76	-	-
NOTE 1	1 15 77 78	-	-
NOTE 1	1 15 79 80	-	-
NOTE 1	1 15 81 82	-	-
NOTE 1	1 15 83 84	-	-

FIRE ALARM ZONE SCHEDULE				
ZONE	ALARM	SIGNAL	TROUBLE	ZONE NAME
21	Y	—	Y	BASEMENT
22	Y	—	Y	GROUND FLOOR
23	Y	Y	Y	SECOND FLOOR
24	Y	—	Y	FRONT STAIRS
25	Y	—	Y	REAR STAIRS
26	Y	—	Y	ELEVATOR
27	Y	—	Y	OUTDOOR STORAGE
28	—	—	—	RESIDENCE PULLS
29	—	—	—	
S1	—	Y	Y	SIGNAL CIRCUIT
S2	—	Y	Y	SIGNAL CIRCUIT
AUX	Y	—	—	FIRE AUTHORITY
AUX	Y	—	—	SECURITY
AUX	Y	—	—	HVAC SHUTDOWN

Z = INITIATION ZONE, I = TROUBLE ZONE, S = SUPERVISORY ZONE A = ALARM SIGNAL CIRCUIT

NOTES: PROVIDE HARDWARE WITH FIRE ALARM PANEL TO INTERCONNECT WITH MONITORING AGENCY AS PER CAN/ULC S561.