

7.1.5.10.	OUTPUT VOLTAGE: 12 VDC. SELF-POWERED.																												
7.1.5.11.	SEALED, MAINTENANCE FREE.																												
7.1.5.12.	LED HEADS WHERE SPECIFIED AS A BATTERY UNIT WITH HEADS.																												
7.1.6.	EACH BATTERY SHALL OPERATE AT LEAST TEN (10) YEARS ENTIRELY UNATTENDED. THE BATTERY SHALL BE SEALED LEAD, LONG-LIFE TYPE.																												
7.1.7.	MOUNTING HEIGHTS OF ALL BATTERY UNITS TO BE 2130 MM (7'). INSTALL UNIT AS INDICATED ON DRAWINGS.																												
7.1.8.	WARRANTY: ALL EQUIPMENT IS TO BE WARRANTED FOR A PERIOD OF TWO (2) YEARS FROM THE DATE OF FINAL ACCEPTANCE. FOR BATTERIES, THE WARRANTY IS EXTENDED TO 120 MONTHS, WITH A NO-CHARGE REPLACEMENT DURING THE FIRST 5 YEARS AND A PRO-RATE CHARGE ON THE SECOND 5 YEARS.																												
7.1.9.	WIRING: WIRING TO THE EMERGENCY LIGHTS AND EXIT FIXTURES SHALL BE #9W0 MINIMUM #10 GAUGE FOR EACH CIRCUIT AND RUN IN CONDUIT. WIRING SIZES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR DISTANCES REQUIRED.																												
7.1.10.	REMOTE EMERGENCY LIGHTING FIXTURES: SUPPLY AND INSTALL EXIT LIGHTING FIXTURES, TYPE 'X', AND LAMPS AS SPECIFIED IN LIGHT FIXTURE SCHEDULE AND SHOWN ON DRAWINGS.																												
7.1.11.	WIRE ALL SYSTEMS USING CONCEALED #10 AWG WIRING RUN IN EMT OR ARMORED CABLE.																												
7.1.12.	TESTING AND VERIFICATION:																												
7.1.12.1.	WHEN THE INSTALLATION OF THE BATTERY UNITS, AND ALL ASSOCIATED REMOTE EMERGENCY LIGHTS HAVE BEEN COMPLETED, RETAIN THE SERVICES OF A QUALIFIED REPRESENTATIVE OF THE EQUIPMENT MANUFACTURER TO TEST THE COMPLETION AND OPERATION OF THE SYSTEM.																												
7.1.12.2.	FOLLOWING COMPLETION OF THE TEST, OBTAIN A LETTER FROM THE MANUFACTURER/SUPPLIER, STATING THAT THE NEW BATTERY UNIT AND ASSOCIATED LIGHTS HAVE BEEN COMPLETELY CHECKED AND ARE OPERATING SATISFACTORILY.																												
7.1.12.3.	A COPY OF THIS LETTER IS TO BE FORWARDED TO THE CONSULTING ENGINEER AND ONE COPY TO THE ARCHITECT.																												
EXIT LIGHTS:																													
PRODUCTS:																													
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8.1.2.	ALL EQUIPMENT IS TO BE WARRANTED FOR A PERIOD OF TWO (2) YEAR FROM DATE OF FINAL ACCEPTANCE.																												
8.1.3.	EXIT LIGHT TO BE SUITABLE FOR 120V AC AND 12V DC.																												
INSTALLATION																													
8.2.1.	INSTALL EXIT LIGHTS.																												
8.2.2.	CONNECT FIXTURES TO EXIT LIGHT CIRCUITS.																												
8.2.3.	CONNECT EMERGENCY LAMP SOCKETS TO EMERGENCY CIRCUITS.																												
8.2.4.	ENSURE THAT EXIT LIGHT CIRCUIT BREAKER IS LOCKED IN ON POSITION.																												
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TYPE	DESCRIPTION	CAT. NO.
OS-1	WALL MOUNTED, DUAL-TECH, SINGLE-RELAY SENSOR IN AREAS AS SHOWN. SENSOR TO SET FOR VACANCY MODE FOR MANUAL, ON VIA BUILT-IN PUSH BUTTON AND AUTOMATIC OFF AFTER PRESET TIME. 180° COVERAGE PATTERN UP TO 1000 SQ.FEET.	COOPER GREENGATE CAT. # OSW-D-1001-MV-N-2 SENSORSWITCH CAT. #: WSX POT WH WATTSOTPPER CAT. #: DSW-301 OR APPROVED EQUAL
OS-2	WALL MOUNTED, DUAL-TECH, DUAL-RELAY SENSOR IN AREAS AS SHOWN. 180 DEGREE COVERAGE PATTERN UP TO 900 SQ.FT. CONNECT TO INDIVIDUAL LOADS AS INDICATED ON PLANS (LOAD #1 - LIGHTING, LOAD #2 - EXHAUST FAN). SET FOR AUTOMATIC "ON FOR LOAD #1" AND MANUAL "ON FOR LOAD #2" VIA BUILT-IN PUSH BUTTON. BOTH LOADS TO TURN OFF AFTER PRESET TIME.	COOPER GREENGATE CAT. # OSW-D-1001-DMV-N-W SENSORSWITCH CAT. #: WSX POT 2P (FAN) WH WATTSOTPPER CAT. #: DSW-302 OR EQUAL
OS-3	WALL MOUNTED, DUAL-TECH, SINGLE-RELAY SENSOR C/W DIMMING (0-10V) CAPABILITY IN AREAS AS SHOWN. SENSOR TO BE CONNECTED TO INDIVIDUAL LOADS AS INDICATED ON PLANS AND SET FOR MANUAL "ON VIA BUILT-IN PUSH BUTTON AND AUTOMATIC OFF AFTER PRESET TIME. LOCAL PUSH BUTTON TO ALLOW RAISE/LOWER AND OVERRIDE CONTROLS BASED ON USER INPUT. 180° COVERAGE PATTERN UP TO 1000 SQ.FEET.	COOPER GREENGATE CAT. # OSW-D-010- SENSORSWITCH CAT. #: WSX POT 2Z WH WATTSOTPPER CAT. #: DW-311 LITRON CAT. #: MCLC-0P153M OR EQUAL
OS-4	CEILING MOUNTED, 360° FIELD OF VIEW, DUAL-TECH SENSOR WITH A MAXIMUM COVERAGE OF 1000 SQ. FEET AT 8 FT MOUNTING HEIGHT. DEVICE TO BE SURFACE MOUNTED OR SUSPENDED FROM STRUCTURE ABOVE IN EXPOSED CEILING.	COOPER GREENGATE CAT. # OAC-DT-1000 SENSORSWITCH CAT. #: CM PDT 05 WATTSOTPPER CAT. #: LMDC-100 OR EQUAL

TYPE	DESCRIPTION	MODEL NO.:	LAMPS/ WATTAGE	VOLTAGE
E(8)	AIRCRAFT CABLE SUSPENDED NARROW LINEAR LED STYLE FIXTURE, CONTINUOUSLY ILLUMINATED STRAIGHT RUN. SNAP-IN LENS FOR EASE OF ACCESS TO OPTICAL CAVITY AND LIGHT ENGINE. PRECISION CUT HOUSING TRIM FROM ALUMINUM WITH FLUSH LENS OPTION. FROSTED DIFFUSE LENS FOR LAMBARTIAN DISTRIBUTION.	COOPER LIGHTING NEORAY DEFINE SUSPENDED CAT. No.: S122DIP-C675D330U835 -C10JBW-8FD-1-UDD-F4- W OR APPROVED EQUAL	NOMINAL 675 LUMENS PER FOOT DIRECT AND 330 LUMENS PER FOOT INDIRECT	120V 0-10V DIMMING
F	FLUSH MOUNTED DECORATIVE FIXTURE, OVERSIZED METALLIC FRAME. FINISH SELECTED BY ARCHITECT. MOUNTED IN ENTRY VESTIBULE. FROSTED ACRYLIC DIFFUSER. 3500K FINISH AND COLOUR TO BE SELECTED BY ARCHITECT	KUZCO LIGHTING JASPER CAT. No.: FM43414 (3500K) BASE BID	NOMINAL 1,300 LUMENS, 17W INPUT	120V
G	PENDANT MOUNTED ARCHITECTURAL LIGHT FIXTURE IN WAITING ROOM. SPUN ALUMINUM SHADE (FELT AVAILABLE) 3000K NOMINAL WITH 1000 LUMEN OUTPUT AND 13W INPUT. OPAL GLASS. FINISH AND COLOUR TO BE SELECTED BY ARCHITECT	KUZCO LIGHTING CRUZ CAT. No.: PD22824 (3000K) BASE BID	NOMINAL 1,000 LUMENS 13W INPUT	120V
H	PENDANT MOUNTED ARCHITECTURAL LIGHT FIXTURE IN LUNCH ROOM. SPUN ALUMINUM SHADE. CONTRACTOR TO PROVIDE LAMP (LED STYLE) WITH MEDIUM BASE FOR LAMPHOLDER. FINISH AND COLOUR SELECTED BY ARCHITECT	KUZCO LIGHTING DOROTHY CAT. No.: 492814 BASE BID	PROVIDE LED STYLE MEDIUM BASE LAMP	120V
J	PENDANT ARCHITECTURAL FIXTURE 7" PENDANT MOUNTED IN BOARDROOM. MADE OF PLAYFUL, GEOMETRIC SHAPES, CRAFTED WITH METAL BODIES AND NATURAL ROPE ACCENTS. CONTRACTOR TO INCLUDE AND PROVIDE LED STYLE MEDIUM BASE LAMP (E26)	KUZCO LIGHTING ALOR MOOD DAPHNE CAT. No.: PD633107 BASE BID	PROVIDE LED STYLE MEDIUM BASE LAMP	120V
K(8)	RECESSED MOUNTED NARROW LINEAR LED STYLE FIXTURE, CONTINUOUSLY ILLUMINATED STRAIGHT RUN. SNAP-IN LENS FOR EASE OF ACCESS TO OPTICAL CAVITY AND LIGHT ENGINE. PRECISION CUT HOUSING TRIM FROM ALUMINUM WITH FLUSH LENS OPTION. FROSTED DIFFUSE LENS FOR LAMBARTIAN DISTRIBUTION.	COOPER LIGHTING NEORAY DEFINE RECESSED CAT. No.: S122DIP-C675D330U835-GYP- 8FD-1-UDD-F-W OR APPROVED EQUAL	NOMINAL 675 LUMENS PER FOOT DIRECT	120V 0-10V DIMMING

File: P:\2026\26-060 Nurse Practitioners, Northgate 14 & 15 Grassmere\E\26-060 Elec General -E001s.dwg
July 08, 2026 - 03:46pm Plotted by: jruddy



1. EXISTING ROOF MOUNTED MECHANICAL UNIT TO REMAIN AS PRESENTLY INSTALLED.
2. EXISTING ROOF MOUNTED MECHANICAL UNIT TO REMAIN. REWORK EXISTING POWER FEED TO BE FROM SINGLE SOURCE, REFER TO SINGLE LINE DRAWINGS.
3. EXISTING ROOF MOUNTED MAINTENANCE RECEPTACLE TO REMAIN AS PRESENTLY INSTALLED
4. EXISTING ROOF MOUNTED MAINTENANCE RECEPTACLE TO REMAIN AS PRESENTLY INSTALLED. REWIRE AS NEEDED TO ENSURE SERVICE IS SERVED FROM SAME CIRCUIT AS ADJACENT UNIT SERVING SAME TENANT.
5. EXISTING EMERGENCY AND EXIT COMBO UNIT TO REMAIN AS INSTALLED. REWORK WIRING AS NEEDED
6. EXISTING LIGHT FIXTURE TO BE REMOVED AND RE-USED. REFER TO NEW PLANS
7. EXISTING EMERGENCY EQUIPMENT UNIT TO BE REMOVED AND RELOCATED AS SHOWN ON NEW PLANS
8. EXISTING DISCONNECT METER TO BE DISCONNECTED AND REMOVED. MAKE SAFE. EXISTING METER AT METER CENTER TO BE REMOVED AND DISCONNECTED TO DE-ENERGIZE POWER TO UNIT.
9. EXISTING DISCONNECT AND FEEDER TO MECHANICAL UNIT TO BE DISCONNECTED AND RELOCATED TO SERVICE SERVING COMBINED UNITS. EXTEND OR PROVIDE NEW FEED TO MECHANICAL EQUIPMENT UNIT.
10. EXISTING BELL BACKBOARD AND COMMUNICATION DEMARCATION POINT TO BE ABANDONED AND REMOVED COMPLETE
11. EXISTING DEVICES TO BE DISCONNECTED AND REMOVED. REWORK AS NEEDED TO SUIT NEW WALLS.
12. EXISTING FIRE ALARM INITIATION DEVICE TO REMAIN AS PRESENTLY INSTALLED
13. EXISTING FIRE ALARM DEVICE TO BE RELOCATED.
14. EXISTING ELECTRICAL DISTRIBUTION EQUIPMENT TO REMAIN AS PRESENTLY INSTALLED. REWORK AS NOTED ON NEW PLANS AND/OR SINGLE LINE DIAGRAM.
15. EXISTING EXTERIOR LIGHTING TO REMAIN AS PRESENTLY INSTALLED.
16. EXISTING JUNCTION BOXES FOR EXTERIOR SIGNAGE TO REMAIN.
17. EXISTING COMMUNICATION BACK BOARD TO BE RELOCATED. REFER TO NEW PLANS FOR NEW LOCATION OF BACK BOARD AND DEVICES WITHIN SERVER ROOM. REWORK INCOMING CABLE FOR SERVICE FROM MAIN ELECTRICAL ROOM AS NEEDED TO SUIT.

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DRAWINGS NOT TO BE USED FOR
CONSTRUCTION PURPOSES UNTIL ALL
CITY COMMENTS FROM PERMIT
APPLICATION ARE INCORPORATED

Project No.: 26-060	Drawing No.: E100	Rev.: 1
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1. RE-USE EXISTING LIGHT FIXTURE REMOVED DURING DEMOLITION AND MAKE ALL FINAL CONNECTIONS.
2. RELOCATE EXISTING EMERGENCY EQUIPMENT UNIT AND CONNECT TO EXISTING CIRCUIT SERVING EMERGENCY UNIT EQUIPMENT. PROVIDE REQUIRED DC WIRING TO REMOTE HEADS AS NEEDED.
3. PROVIDE NEW EXIT SIGNAGE. CONNECT TO EXISTING EMERGENCY EQUIPMENT CIRCUIT.
4. PENDANT MOUNTED ARCHITECTURAL LIGHT FIXTURE, REFER TO SPECIFICATIONS AND PROVIDE TO SUIT.
5. ALL LIGHTING TO BE CONNECTED THROUGH A CONTRACTOR (WITH EXCEPTION OF NIGHT LIGHTS) AND SECURITY KEYPAD PANEL SYSTEM TO TURN OFF ALL LIGHTING WHEN SECURITY SYSTEM IS ENABLED. SECURITY PROVIDER (OWNERS) TO PROVIDE DRY CONTACT FOR RELAY CONTACT.
6. SURFACE MOUNTED ARCHITECTURAL LIGHT FIXTURE, REFER TO SPECIFICATIONS AND PROVIDE TO SUIT.
7. FIXTURE TO BE UNSWITCHED AND SERVE AS "NIGHT LIGHT".
8. EXISTING EXTERIOR LIGHTING TO REMAIN AS PRESENTLY INSTALLED.



SCALE: 1:50

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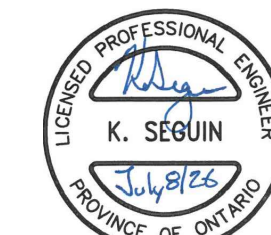
1	ISSUED FOR PERMIT AND PRICING	2026.07.0
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T: 905-521-1333

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KATHRYN VOGEL ARCHITECT
 181 JAMES STREET N.,
 SUITE 201
 HAMILTON, ONTARIO
 L8R 2K9
 KATHRYN VOGEL
 Dip. arch. oaa, dip. arch. tech., mraic
k.vogel@kvarchitect.com



Grassmere
CONSTRUCTION LTD.

49 North Street East P: 519.842-4392
Tillsonburg, ON F: 519.688-2470
N4G 1B4 E: info@grassmere.com

www.grassmere.com



Electrical Engineering
12 Argyle Street N., Caledonia, ON, N3W 1
www.sei-ee.com

671 BROADWAY
TILLSONBURG, ONTARIO

Drawn By: J.R.

Chkd By: K.S.

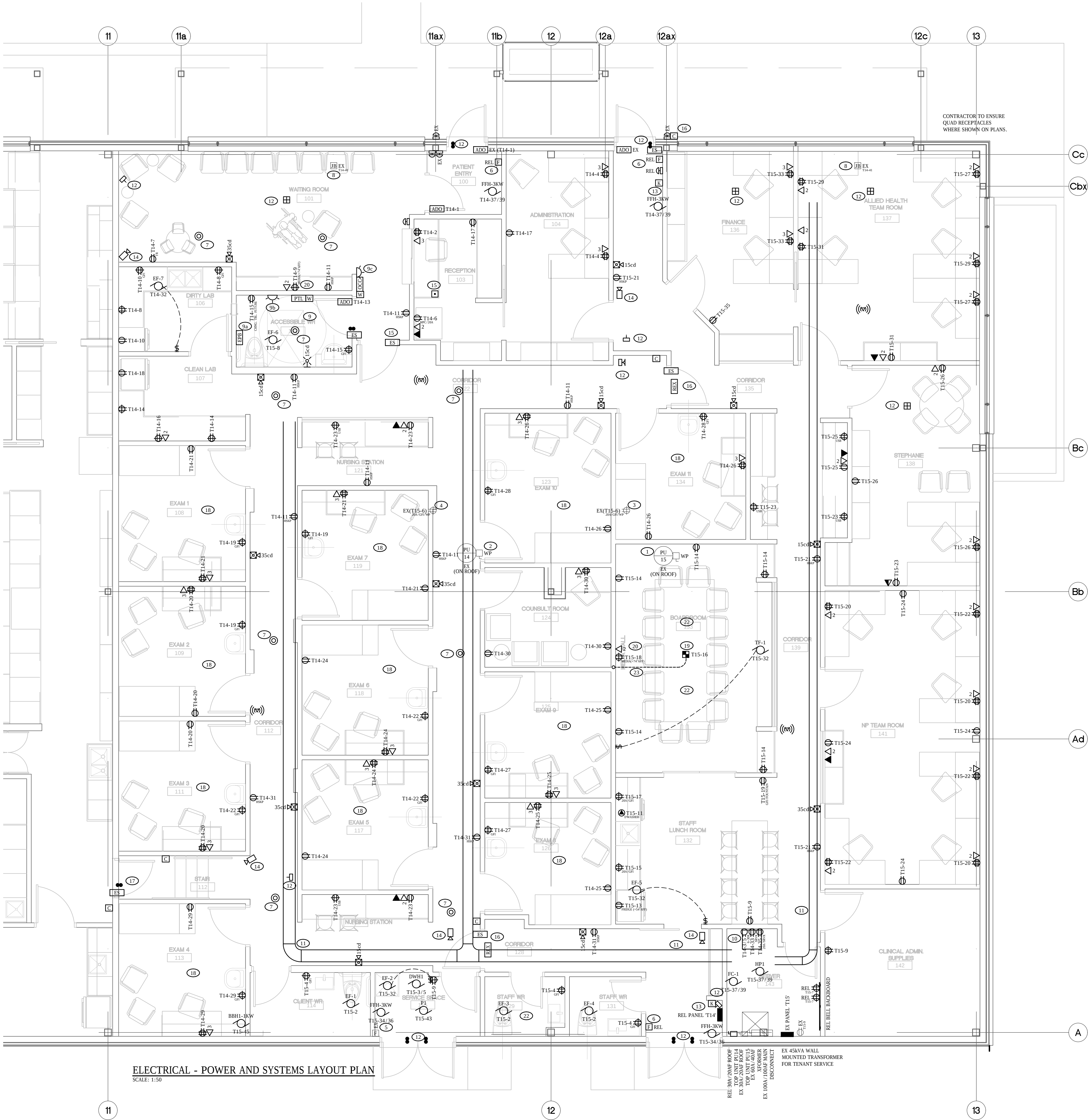
1. *Journal of the American Medical Association*, 2000; 284: 2689-2694.

Project No.:	Drawing No.:	Date:
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Project No.: 26-060	Drawing No.: E200	Rev.: 1
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- POWER AND SYSTEMS DRAWING NOTES
- EXISTING ROOF MOUNTED MECHANICAL UNIT TO REMAIN AS PRESENTLY INSTALLED
 - REWIRE EXISTING ROOF MOUNTED MECHANICAL UNIT AS NEEDED TO BE FED FROM COMMON SOURCE
 - EXISTING ROOF MOUNTED MAINTENANCE RECEPTACLE TO REMAIN AS PRESENTLY INSTALLED
 - EXISTING ROOF MOUNTED MAINTENANCE RECEPTACLE TO REMAIN AS PRESENTLY INSTALLED. REWIRE AS NEEDED TO ENSURE DEVICE IS SERVED FROM SAME CIRCUIT AS ADJACENT UNIT SERVING SAME TENANT.
 - EXISTING FIRE ALARM INITIATION DEVICE TO REMAIN AS PRESENTLY INSTALLED.
 - RELOCATE FIRE ALARM DEVICE TO SUIT NEW FLOOR PLAN
 - PROVIDE ROUGH-IN CONSISTING OF CONDUIT AND SPEAKER WIRING FOR SPEAKERS LOCATED THROUGH OUT SPACE. RUN ALL WIRING AND CONDUITS BACK TO IT ROOM TO TERMINATE AT OWNER SUPPLIED MUSIC SYSTEM FOR AMBIENT ENTERTAINMENT. INCLUDE FOR SPEAKERS IN BID PRICE. SPEAKERS IN DRYWALL AND/OR ACCOUSTIC CEILING SHALL BE TOA CAT. NO.: PC-58RU (OR EQUAL) AND ALL EXPOSED CEILING APPLICATIONS SHALL BE TOA CAT. NO.: PE-304 SERIES (OR EQUAL).
 - PROVIDE POWER FEED FROM TENANT PANEL TO JUNCTION BOX FOR FUTURE SIGNAGE MOUNTED AT CANOPY. INCLUDE FOR A PROGRAMMABLE TIME CLOCK AND CONTACTOR TO ALLOW PROGRAMMING OF SIGNAGE OPERATING TIMES.
 - PROVIDE ROUGH-IN FOR A UNIVERSAL WASHROOM COMPONENTS THAT ARE TO BE SUPPLIED AND INSTALLED BY HARDWARE PROVIDER. ROUGH-IN TO CONSIST OF ALL REQUIRED PATHWAYS (CONDUITS) AND PULL STRING AND ASSOCIATED WIRING TO ALLOW INSTALLATION OF A COMPLETE KIT AS FOLLOWS:
(A) - MAINTAINED PUSH/PULL MUSHROOM STYLE BUTTON
(B) - AUDIBLE AND VISUAL ANNUNCIATION DEVICE INSIDE
(C) - AUDIBLE AND VISUAL ANNUNCIATION DEVICE OUTSIDE
KIT SHALL BE COMPLETE WITH CODE REQUIRED SIGNAGE CONSISTING OF 25MM LETTERING.
CAMDEN CAT. NO.: CX-WEC10 CW CAMDEN CAT. NO.: WC-13, OR EQUAL
 - PROPOSED LOCATION OF DATA RACK (FOR EXAMPLE MIDDLE-ATLANTIC ERK SERIES, OR SIMILAR). RUN ALL DATA AND COMMUNICATION CABLEING TO THIS LOCATION. INCLUDE FOR A 4 POST DATA RACK. ALL FINAL TERMINATIONS TO BE DONE BY OWNER PREFERRED VENDOR ONCE CONSTRUCTION COMPLETE. ENSURE TO PROPERLY LABEL ALL CABLEING AT BOTH ENDS FOR EASE OF TERMINATION AND IDENTIFICATION. ALL CABLEING TO BE TESTED.
 - PROPOSED CABLE TRAY AT CEILING FOR ALL COMMUNICATION AND DATA CABLEING WIRING. CABLE TRAY SHALL BE BASKET STYLE 6" WIDE WITH 2" TALL SIDEWALLS. INCLUDE FOR ALL BRACKETS, ACCESSORIES AND COMPONENTS FOR A COMPLETE INSTALLATION. FOR EXAMPLE HUBBLE CAT. NO.: HBT0200 OR EQUAL.
 - INCLUDE FOR ALL ROUGH-IN FOR A SECURITY SYSTEM AS SHOWN.
 - PROPOSED LOCATION FOR SECURITY KEYPAD. INCLUDE FOR ALL ROUGH-IN TO ALLOW INSTALLATION OF SYSTEM BY OWNERS PREFERRED VENDOR.
 - INCLUDE FOR ROUGH-IN FOR CCTV SYSTEM. ALL CABLEING TO RUN BACK TO IT ROOM TO ALLOW TERMINATION AND INSTALLATION OF SYSTEM BY OWNERS PREFERRED VENDOR.
 - DOOR TO BE SECURED CW ELECTRIC STRIKE TO PREVENT UNAUTHORIZED ENTRY. INCLUDE FOR CARD READER TO ALLOW ACCESS AND FOR DOOR RELEASE BUTTON LOCATED IN RECEPTION TO ALLOW ACCESS OF PATIENTS INTO THE SPACE.
 - DOOR TO BE SECURED VIA CARD READER SYSTEM (OWNERS PREFERRED VENDOR) TO PREVENT UNAUTHORIZED ACCESS. CONTRACTOR TO INCLUDE FOR ALL ROUGH-IN AND CONDUIT BACK TO HEAD END UNIT IN IT ROOM.
 - DOOR TO BE SECURED WITH LIMITED ACCESS FROM EITHER SIDE. CONFIRM WITH OWNER FOR EXACT REQUIREMENTS.
 - ALL INSTALLATION OF ELECTRICAL DEVICES WITHIN THIS SPACE SHALL BE IN ACCORDANCE WITH ELECTRICAL SAFETY CODE SECTION 24 (LATEST EDITION), INSTALLATIONS FOR BASIC CARE AREAS.
 - FLOOR BOX IN BOARDROOM SHALL BE CW RECEPTACLES, DATA OUTLET, HDMI OUTLET AND CONDUIT TO MEDIA WALL TO ALLOW INTERCONNECTION BETWEEN BOARDROOM TABLE AND WALL MOUNTED TV. FLOOR BOX SHALL BE HUBBLE SYSTEM ONE CAT. NO.: CPB330 CW 410GCCCVRBK COVER PLATE AND FRMP6KS PLATES AS REQUIRED (OR EQUAL)
 - FOR MEDIA WALL TV SYSTEM PROVIDE AND INCLUDE A/V DISTRIBUTION RECESSED BOX. SYSTEM SHALL BE CW SURGE PROTECTED POWER KIT, A/V CONNECTION PLATE AND COVER. PROVIDE SPARE 1" (25mm) EMPTY CONDUIT UP TO ACCESSIBLE CEILING CW PULL STRING AND BELL ENDS AND BUSHINGS FOR FUTURE. EXACT PLACEMENT AND HEIGHT TO BE CONFIRMED ON SITE PRIOR TO ROUGH-IN. HUBBLE PREMISE WIRING CAT. NO.: NSAV62M CW NSAV6C COVER, NSOKPS POWER KIT, SFHCBK HDMI SNAP FIT, NSJ6 DATA, NS16 PLATE TO SUIT (OR EQUAL)
 - INCLUDE FOR A RECEPTACLE FOR TRAP SEAL PRIMER SYSTEM. EXACT LOCATION AND REQUIREMENTS TO BE CONFIRMED WITH INSTALLING MECHANICAL CONTRACTOR. UTILIZE SAME CIRCUIT AS LOCAL BRANCH CIRCUIT SERVING MECHANICAL SYSTEMS IN CLOSE VICINITY AND MINIMAL ELECTRICAL LOAD.
 - INCLUDE FOR POWER MODULE GROMMET TO BE MOUNTED AT TOP OF BOARDROOM TABLE. POWER SUPPLY SHALL INCLUDE FOR POWER, DATA AND HDMI CONNECTION POINTS WITHIN MODULE. FOR EXAMPLE MCKET PCS36B OR SIMILAR.
 - UNDERSLAB CONDUIT SHALL CONSIST OF 2-2" PVC CONDUITS AND RUN UP WALL.



ELECTRICAL - POWER AND SYSTEMS LAYOUT PLAN
SCALE: 1:50

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No.	Description	Date
1	ISSUED FOR PERMIT AND PRICING	2026.07.08

Issue Record

No.	Description	Date

T: 905-321-1333

KATHRYN VOGEL ARCHITECT
181 JAMES STREET N., SUITE 201
HAMILTON, ONTARIO L8R 2K9
K. VOGEL
Dip. arch. oaa, dip. arch. tech. mraic
k.vogel@kvarchitect.com



Grassmere
CONSTRUCTION LTD.
49 North Street East
Tillsonburg, ON
N4G 1B4
P: 519-842-4392
F: 519-688-2470
E: info@grassmere.com
www.grassmere.com

SEI
Electrical Engineering
12 Argyle Street N., Caledonia, ON, N3W 1B6
www.sei-ee.com

**INGERSOL NURSE
PRACTITIONERS
NORTHGATE
PLAZA**

671 BROADWAY
TILLSONBURG, ONTARIO

Drawn By: J.R.
Chkd By: K.S.
Scale: AS NOTED

**TENANT FITOUT
POWER AND SYSTEMS
PROPOSED LAYOUT**

Project No.: 26-060
Drawing No.: E300
Rev.: 1

File: P:\2026\26-060 Nurse Practitioners, Northgate 14 & 15 Grassmere\E\26-060 Elec General -E001s.dwg
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T: 905-521-1333

KATHRYN VOGEL ARCHITECT

181 JAMES STREET N.,
SUITE 201
HAMILTON, ONTARIO
L8R 2K9

KATHRYN VOGEL
Dip. arch. oaa, dip. arch. tech., mraic

k.vogel@kvarchitect.com



Grassmere
CONSTRUCTION LTD.

49 North Street East P: 519.842-4392
Tillsonburg, ON F: 519.688-2470
N4G 1B4 E: info@grassmere.com

www.grassmere.com



INGERSOL NURSE
PRACTITIONERS
NORTHGATE
PLAZA

671 BROADWAY
SONBURG, ONTARIO

Drawn By: J.R.

Chkd By: K.S.

Scale: AS NOTED

ELECTRICAL SINGLE LINE DIAGRAM

Project No.: 26-060	Drawing No.: E500	Rev.: 1
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PANEL T14								
LOAD	DESCRIPTION	CCT	BREAKER	PHASE	BREAKER	CCT	DESCRIPTION	LOAD
	DOOR OPERATORS	1	15A	A	15A	2	RECEPTION RECEPTACLES	
	SERVER RECEPTACLE	3	30A	B	15A	4	ADMINISTRATION RECEPTACLES	
		5	2P	C	20A	6	RECEPTION MPC RECEPTACLE	
	WAITING ROOM RECEPTACLES	7	15A	A	15A	8	DIRTY LAB COUNTER RECEPTACLES	
	WAITING AREA MEDIA WALL	9	15A	B	15A	10	DIRTY LAB COUNTER RECEPTACLES	
	HOUSEKEEPING RECEPTACLES	11	15A	C	15A	12	DIRTY LAB - AUTOCLAVE	
	UNIVERSAL W/R DOOR OPERATOR	13	15A	A	15A	14	CLEAN LAB - COUNTER RECEPTACLES	
	UNIVERSAL WASHROOM - CHANGE TABLE AND PLUG	15	15A	B	15A	16	CLEAN LAB - COUNTER RECEPTACLES	
	GENERAL RECEPTACLES	17	15A	C	15A	18	CLEAN LAB - MEDICATION FRIDGE	
	EXAM ROOM (1, 7, 2) RECEPTACLES	19	15A	A	15A	20	EXAM ROOM (2, 3) RECEPTACLES	
	EXAM ROOM (1, 7) RECEPTACLES	21	15A	B	15A	22	EXAM ROOM (3, 5, 6) RECEPTACLES	
	NURSE STATION RECEPTACLES	23	15A	C	15A	24	EXAM ROOM (5, 6) RECEPTACLES	
	EXAM ROOM (8, 9) RECEPTACLES	25	15A	A	15A	26	EXAM ROOM (10, 11) RECEPTACLES	
	EXAM ROOM (8, 9) RECEPTACLES	27	15A	B	15A	28	EXAM ROOM (10, 11) RECEPTACLES	
	EXAM ROOM (4) RECEPTACLES	29	15A	C	15A	30	CONSULT ROOM RECECTACLES	
	HOUSEKEEPING RECEPTACLES	31	15A	A	15A	32	DIRTY LAB EXHAUST	
	SERVER RECEPTACLE	33	15A	B	15A	34	SPARE	
	SERVER RECEPTACLE	35	20A	C	15A	36	SPARE	
	SPARE	37	15A	A	15A	38	SPARE	
	SPARE	39	15A	B	20A	40	SPARE	
	TENANT SIGNAGE	41	15A	C	20A	42	SPARE	
0								0
						WATTS		AMPS
208	VOLTAGE				PHASE A	0		0.00
3	PHASE				PHASE B	0		0.00
	MAIN BREAKER				PHASE C	0		0.00
125A	MAIN BUS				TOTAL	0		0.00

PANEL T15									
LOAD	DESCRIPTION		CCT	BREAKER	PHASE	BREAKER	CCT	DESCRIPTION	LOAD
	(L) EXIT AND EMERGENCY LIGHTING		1	15A	A	20A	2	GENERAL LIGHTING	
	WATER HEATER		3	35A	B	15A	4	EXHAUST FAN AND WASHROOM RECEPTACLE	
			5	2P	C	20A	6	ROOF MAINTENANCE RECEPTACLE (EX)	
	BACKBOARD RECEPTACLES		7	15A	A	20A	8	GENERAL LIGHTING - WAITING AND CORRIDORS	
	GENERAL RECEPTACLE		9	15A	B	20A	10	EXAM ROOM LIGHTING	
	LUNCH ROOM - DISHWASHER		11	15A	C	20A	12	ADMINISTRATION LIGHTING	
	LUNCH ROOM - FRIDGE		13	15A	A	15A	14	BOARDROOM GENERAL RECEPTACLES	
	LUNCH COUNTER RECEPTACLE		15	20A	B	15A	16	BOARDROOM FLOOR BOX	
	LUNCH COUNTER RECEPTACLE		17	20A	C	15A	18	BOARDROOM MEDIA WALL	
	WATER COOLER/FOUNTAIN		19	15A	A	15A	20	TEAM ROOM RECEPTACLES	
	HOUSEKEEPING RECEPTACLES		21	15A	B	15A	22	TEAM ROOM RECEPTACLES	
	NURSE TOUCHDOWN STATION		23	15A	C	15A	24	TEAM ROOM RECEPTACLES	
	WORK COUNTER RECEPTACLES		25	15A	A	15A	26	OFFICE RECEPTACLES	
	OFFICE RECEPTACLES		27	15A	B	15A	28	OFFICE RECEPTACLES	
	OFFICE RECEPTACLES		29	15A	C	15A	30	OFFICE RECEPTACLES	
	OFFICE RECEPTACLES		31	15A	A	15A	32	EXHAUST FANS	
	OFFICE RECEPTACLES		33	15A	B	40A 2P	34	ELECTRIC FORCE FLOW HEATING	
	OFFICE RECEPTACLES		35	15A	C	2P	36		
	SERVER HEAT PUMP AND COOLING		37	25A	A	60A 1 3P	38		
			39	2P	B		40	PANEL T14	
	SPARE		41	15A	C		42		
	RECIRC PUMP		43	15A	A	15A	44	SPARE	
	BASEBOARD ELECTRIC HEATING		45	15A	B	15A	46	SPARE	
			47	C	15A	48	SPARE		
			49	A		50			
			51	B		52			
			53	C		54			
			55	A		56			
			57	B		58			
			59	C		60			
0									0
							WATTS		AMPS
208	VOLTAGE			PHASE A		0			0.00
3	PHASE			PHASE B		0			0.00
	MAIN BREAKER			PHASE C		0			0.00
125A	MAIN BUS			TOTAL		0			0.00

MECHANICAL EQUIPMENT WIRING SCHEDULE																															
DESCRIPTION				POWER				STARTER				ACCESSORIES		ISOLATING DEVICE		CONTROL												REMARKS			
NUMBER	ITEM NUMBER	ITEM	SUPPLIED BY	VOLTAGE	PHASE	H.P./KW /MPS	MOTCP (A)	MANUAL	MAGNETIC	COMBINATION	CONTACTOR	CONTROL VOLTAGE	VFD	HAND OFF/AUTO	ON/OFF SELECTOR	PILOT LIGHT	WEATHERPROOF DISCONNECT	DISCONNECT	WIRED BY	MOTOR RATED SWITCH / OCCUPANCY SENSOR	VFD	TIMER	TIME CLOCK	R.A. THERMOSTAT	THERMOSTAT	SCR CONTROLLER	VARIABLE SPEED	WIRED BY	INTERLOCKED WITH	INTERLOCKED BY	
1	PU14	EXISTING PACKAGED ROOF TOP UNIT	23	EX	3	EX	EX										EX		26						23			23			EXISTING UNIT TO REMAIN, RELOCATE DISCONNECT AND WIRING TO BE FED FROM SINGLE SERVICE UNDER
2	PU15	EXISTING PACKAGED ROOF TOP UNIT	23	EX	3	EX	EX										EX		EX						23			23			EXISTING UNIT TO REMAIN
3	HP1	OUTDOOR HEAT PUMP - SINGLE ZONE	23	208	1	16 MCA	25 MOCP										26		26									23	4	23	OUTDOOR UNIT TO PROVIDE FEED TO INDOOR UNIT
4	FC1	INDOOR FAN COIL UNIT - WALL MOUNTED	23	208	1	FHP	15A											26	26						23			23	3	23	INDOOR UNIT FED FROM OUTDOOR UNIT
5	EF-1	EXHAUST FAN	23	120	1	FHP	15A											26	26	26								26			
6	EF-2	EXHAUST FAN	23	120	1	FHP	15A											26	26	26								26			
7	EF-3	EXHAUST FAN	23	120	1	FHP	15A											26	26	26								26			
8	EF-4	EXHAUST FAN	23	120	1	FHP	15A											26	26	26								26			
9	EF-5	EXHAUST FAN	23	120	1	FHP	15A											26	26	26								26			C/W SWITCH AND PILOT LIGHT
10	EF-6	EXHAUST FAN	23	120	1	FHP	15A											26	26	26								26			
11	EF-7	EXHAUST FAN	23	120	1	FHP	15A											26	26	26								26			C/W SWITCH AND PILOT LIGHT
12	TF1	TRANSFER FAN	23	120	1	FHP	15A											26	26								26	26			
13	BP1	BYPASS AIR TERMINAL BOX	23	120	1	FHP	15A											26	26									26			
14	FFH	FORCE FAN WALL HEATER	23	208	1	VARIES												26	26						23			26			HEATER SIZE AS SHOWN ON MECHANICAL DRAWINGS, C/W BUILT-IN TAMPERPROOF THERMOSTAT
15	BBH1	ELECTRIC BASEBOARD HEATER	23	120	1																										
16	DHWI-14	DOMESTIC WATER HEATER (DWH1)	22	208	1	5.5 KW	30A											26	26												
17	P1	RECIRCULATION PUMP	22	120	1	FHP	15A											26	26												
18																															
19																															
20																															
NOTES:																															
1. ISOLATION AND CONTROL DEVICES MAY NOT BE SHOWN ON PLANS FOR CLARITY PURPOSES AND SHALL BE PROVIDED AS INDICATED. COORDINATE LOCATIONS ON SITE WITH OWNER AND CONSTRUCTION MANAGER.																															
2. COORDINATE EXACT ELECTRICAL REQUIREMENTS FOR ALL EQUIPMENT WITH SHOP DRAWINGS AND ACTUAL NAMEPLATE DATA, REVISE ELECTRICAL REQUIREMENTS TO SUIT ACCORDINGLY.																															
3. ALL CONTROLS VOLTAGE SHALL BE PROVIDED FROM A PROPER CONTROLS TRANSFORMER MOUNTED INTEGRALLY WITH THE CORRESPONDING DEVICE/STARTER.																															
4. ON/OFF CONTROL SWITCH SHALL BE MOTOR RATED FOR LOAD.																															
5. ALL STATUS CONTACTS FOR ALARM AND DEVICE STATE, ETC. SHALL BE INTEGRAL WITH CONTROL DEVICE ENCLOSURE UNLESS NOTED OTHERWISE.																															
6. ALL MECHANICAL EQUIPMENT FEEDERS SHALL BE RATED TO MATCH THE OVERCURRENT PROTECTION DEVICE SPECIFIED AND/OR THE FLA RATING OF THE MOTOR.																															
7. PROVIDE SUITABLE NORMALLY CLOSED (ENERGIZED) RELAY IN A RATED ENCLOSURE TO OPEN ON FIRE ALARM SIGNAL. MOUNT IN EQUIPMENT HOUSING AS DIRECTED BY DIV. 15 CONTRACTOR.																															
PROVIDE PILOT LIGHTS AT OPERATOR CONTROL IN FACE OF ENCLOSURE AS FOLLOWS:																															
8. GREEN - RUNNING RED - FAILED AMBER - MANUAL																															
9. ABSENCE OF ANY ILLUMINATED LIGHTS INDICATES MOTOR IS OFF AND/OR AVAILABLE FOR USE.																															
10. ALL FANS AND MOTORS SHALL BE PROVIDED C/W LOCAL ISOLATION SWITCH (NOT SHOWN ON DRAWINGS).																															
TIME CLOCK CONTROL: ELECTRONIC CONTROL OFF AT USER SELECTABLE TIME ON ANY OR ALL DAYS OF THE WEEK. SET DEFAULT FOR OWNER AS PER THEIR DIRECTION. CONTROL SHALL BE CAPABLE OF 48 ON AND OFF SET POINTS WITH MINIMUM SETTINGS OF 1 MINUTE. CONTROL SHALL AUTOMATICALLY ADJUST FOR DAYLIGHT SAVINGS AND LEAP YEARS. BATTERY BACK-UP SHALL RETAIN SCHEDULE DURING POWER OUTAGE. TORK MODEL #DGL100 OR APPROVED EQUAL.																															

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	181 JAMES STREET N., SUITE 201 HAMILTON, ONTARIO L8R 2K9
	KATHRYN VOGEL Dip. arch. oaa, dip. arch. tech., mraic
kvogel@kvarchitect.com	



Grassmere
CONSTRUCTION LTD.

49 North Street East
Tillsonburg, ON
N4G 1B4

P: 519.842-4392
F: 519.688-2470
E: info@grassmere.com

www.grassmere.com



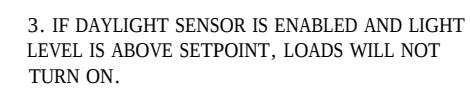
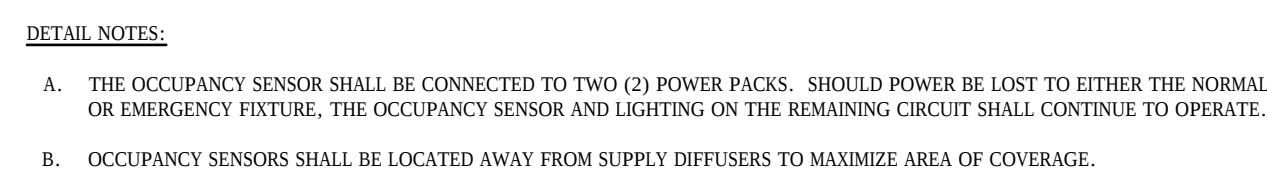
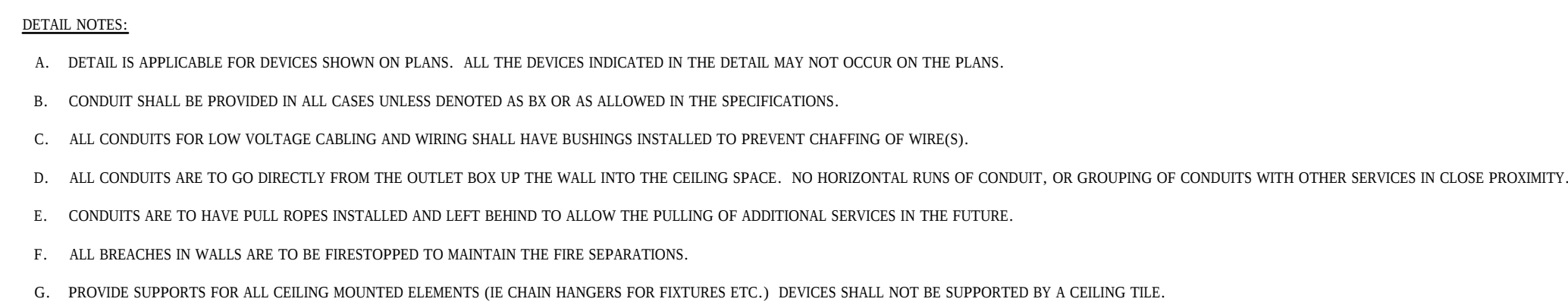
12 Argyll Street N., Caledonia, ON, N3W 1B6
www.sei-ee.com

INGERSOL NURSE
PRACTITIONERS
NORTHGATE
PLAZA

671 BROADWAY
TILLSONBURG, ONTARIO

Drawn By:	J.R.
Chkd By:	K.S.
Scale:	AS NOTED

ELECTRICAL PANEL SCHEDULES		
Project No.: 26-060	Drawing No.: E501	Rev.: 1



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www.sei-ee.com

Project No.: 26-060	Drawing No.: E600	Rev.: 1
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