

A = ABOVE COUNTER

DIRECT CONNECTION, 120V DIRECT CONNECTION, 120V IN WALL BOX DIRECT CONNECTION, 240V, 2 POLE DISCONNECT: AMPERAGE, VOLTAGE AND NUMBER OF DISCONNECT: AMPERAGE, VOLTAGE AND POLES TO MATCH LOAD CONNECTED (JB) | JUNCTION BOX C/W 120V CIRCUITS (T) IN-LINE RESISTANCE HEATER THERMOSTAT CEILING-MOUNTED OCCUPANCY SENSOR LIGHTING CONTROL SYSTEM DATA/COMMUNICATIONS 120V, 15A RECEPTACLE | ▶ | 1 DATA, 1 TELEPHONE IN-FLOOR BOX ELECTRICAL PANEL OR ELECTRICAL EQUIPMENT AS DESIGNATED DATA/TELEPHONE OUTLET H FORCE FLOW HEATER → 1-CAT6 DATA TO EQUIPMENT ROOM DATA EQUIPMENT 1-CAT6 TELEPHONE TO BASEMENT TELEPHONE PANEL EQUIPMENT DESIGNATIONS EF - EXHAUST FAN FF - FORCE-FLOW ELECTRIC HEATER RESIDENT DATA OUTLET AC - AIR CONDITIONER 1-CAT6 DATA TO EQUIPMENT ROOM DATA EQUIPMENT TX - TRANSFORMER TELEPHONE OUTLET 1-CAT6 TELEPHONE TO BASEMENT TELEPHONE PANEL LINE-WORK LEGEND: EXISTING TO REMAIN: Wi WiFi ROUTER DEMOLISH ELECTRICAL: -----DATA ANNOTATION

T = TAMPERPROOF

TVSS = SURGE PROTECTION 208V = 208V RECEPTACLE F = FRIDGE RECEPTACLE

ELECTRICAL CONNECTIONS

NEW ELECTRICAL: -

ARCHITECT:

Fx: 902-566-1235 Web: www.bghj.com

DESIGN CONSULTANT:

**FUNDY** Engineering

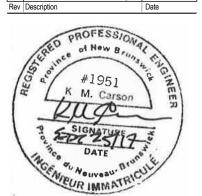
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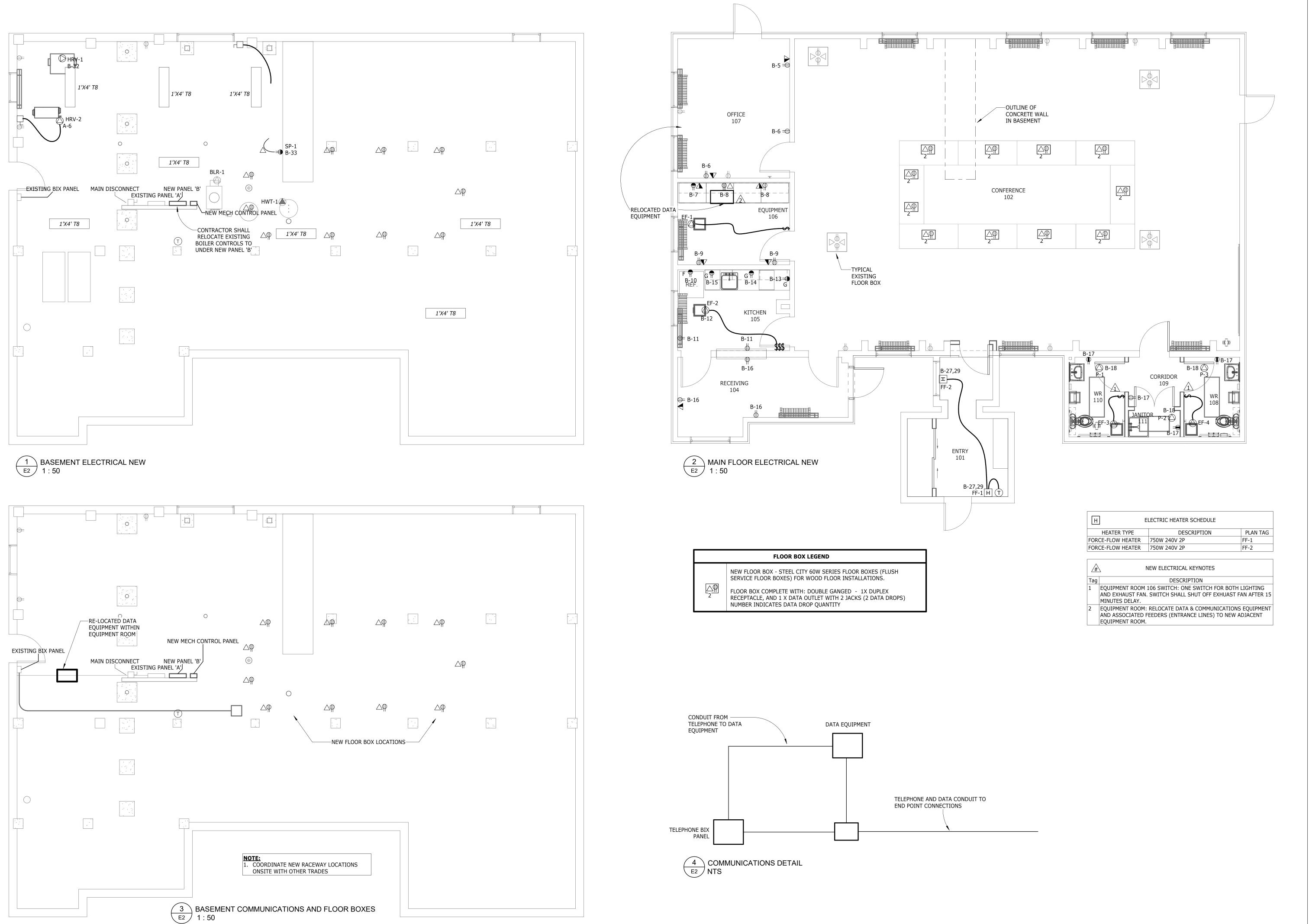
PROJECT: HARRY HACHEY CONFERENCE CENTER

ST. ANDREWS, NB

DRAWING TITLE: **EXISTING ELECTRICAL** CONDITIONS

FILE NO: DRAWN: JDB 12225

E1



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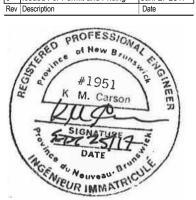
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 2
 Re-Issued For Tender
 Sept. 25 201

 1
 Issued For 99% Review
 May 25 2017

 0
 Issued For Permit and Pricing
 Jan. 27 2017

 Rev
 Description
 Date



PROJECT:
HARRY HACHEY
CONFERENCE
CENTER

ST. ANDREWS, NB

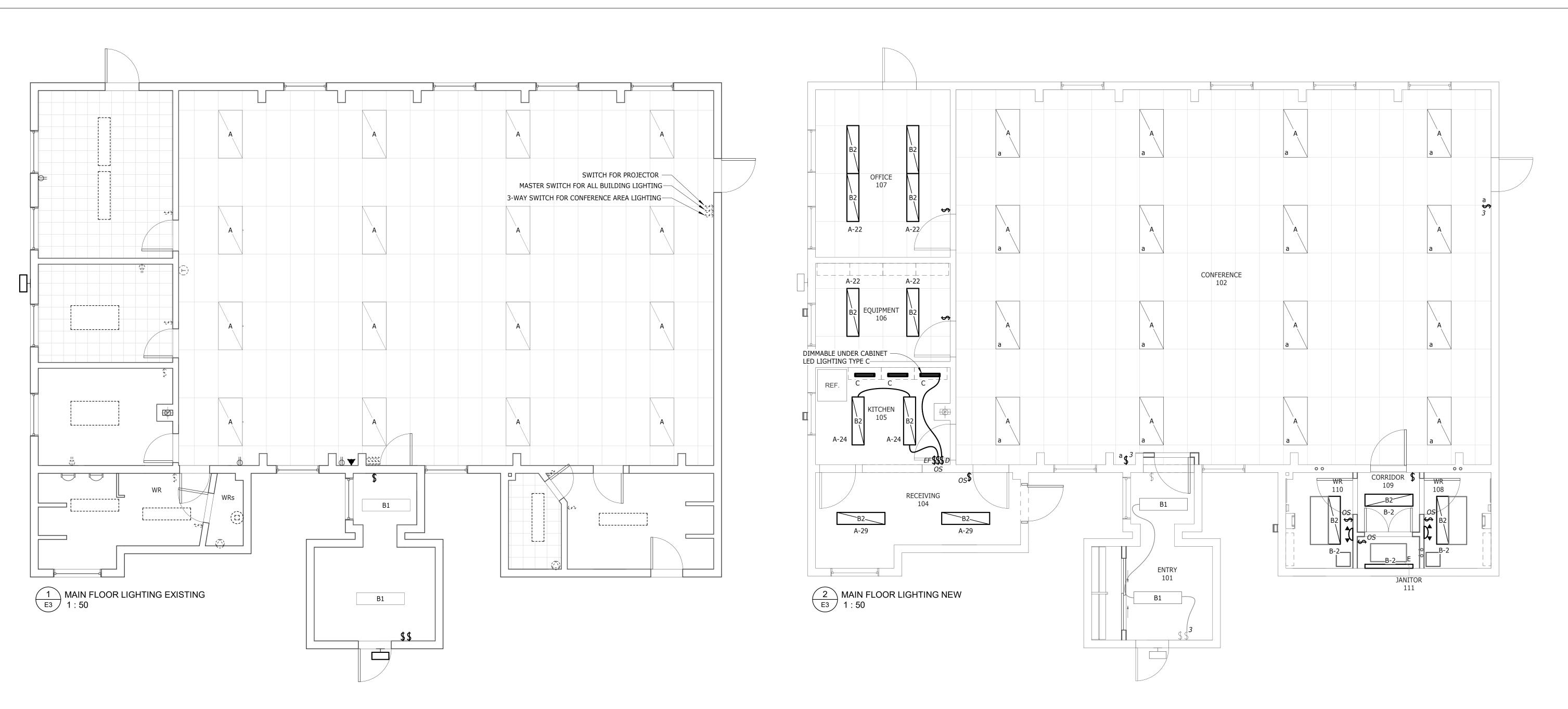
NEW ELECTRICAL

DRAWN: FILE NO:

JDB 12225

DWG:

DWG:



	LIGHT FIXTURE LEGEND		
SYMBOL	DESCRIPTION	MANUFACTURER	LAMP
A	T8 FLOURESCENT RECESSED PRISMATIC LIGHT FIXTURE	EXISTING FIXTURE TYPE	T8 32W
B1	T8 FLOURESCENT SURFACE PRISMATIC LIGHT FIXTURE	EXISTING FIXTURE TYPE	T8 32W
B2	LED RECESSED 300mm X 1200mm FIXTURE	PHILIPS DAY-BRITE 1AVEG38L840-4-ACR-UNV-DIM	3800 LUMEN LED, 4000K 40W
C	LED UNDERCABINET LIGHT FIXTURE	PHILIPS eW PROFILE POWERCORE	480 LUMEN LED, 4000K 10W
E	LED STRIP LIGHT WALL MOUNTED	PHILIPS SF4C38A5OUUS C/W MOTION SENSOR	4000 LUMEI LED, 4000K 40W
	EXIT SIGN AND EMERGENCY LIGHT COMBO UNIT	AIMLITE CARPW1250-2-M-2MD	2-4LR
	EMERGENCY LIGHT BATTERY UNIT 12VDC/120AC, 44W	AIMLITE EBST-12050-2MD-4WLR	2-4WLR
<b>!</b>	EMERGENCY LIGHT REMOTE HEAD COMPATIBLE WITH BATTERY UNIT	AIMLITE EBST-REMOTE HEAD	2-4WLR
\$	SWITCH LETTER DESIGNATIONS:  a - LOWERCASE LETTER INDICATES SWITCH ID AND ASSOICATED LIGHT FIXTURES  EF - INDICATES SWITCH USED FOR EXHAUST FAN IN ASSOCIATED SPACE  OS - INDICATES SWITCH IMPLEMENTS OCCUPANCY SENSOR  D - INDICATES DIMMER SWITCH		

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DESIGN CONSULTANT:



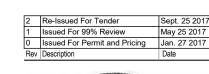
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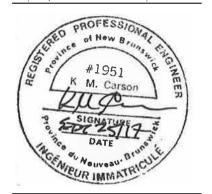
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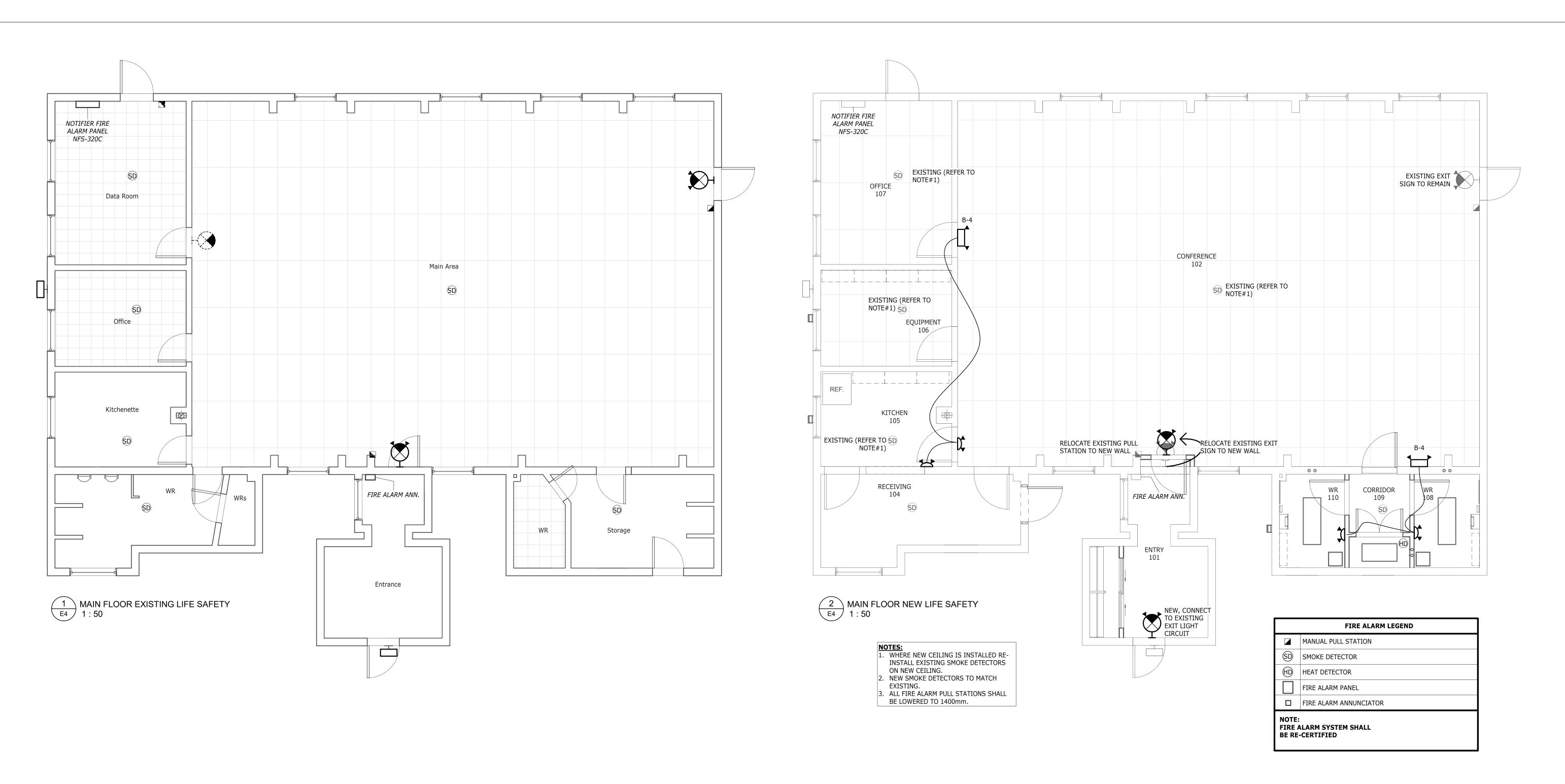
HARRY HACHEY CONFERENCE CENTER

ST. ANDREWS, NB

DRAWING TITLE:
LIGHTING PLAN

DRAWN: JDB

E3





DESIGN CONSULTANT:



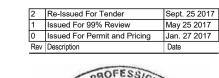
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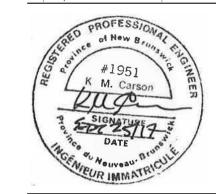
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PROJECT:
HARRY HACHEY
CONFERENCE
CENTER

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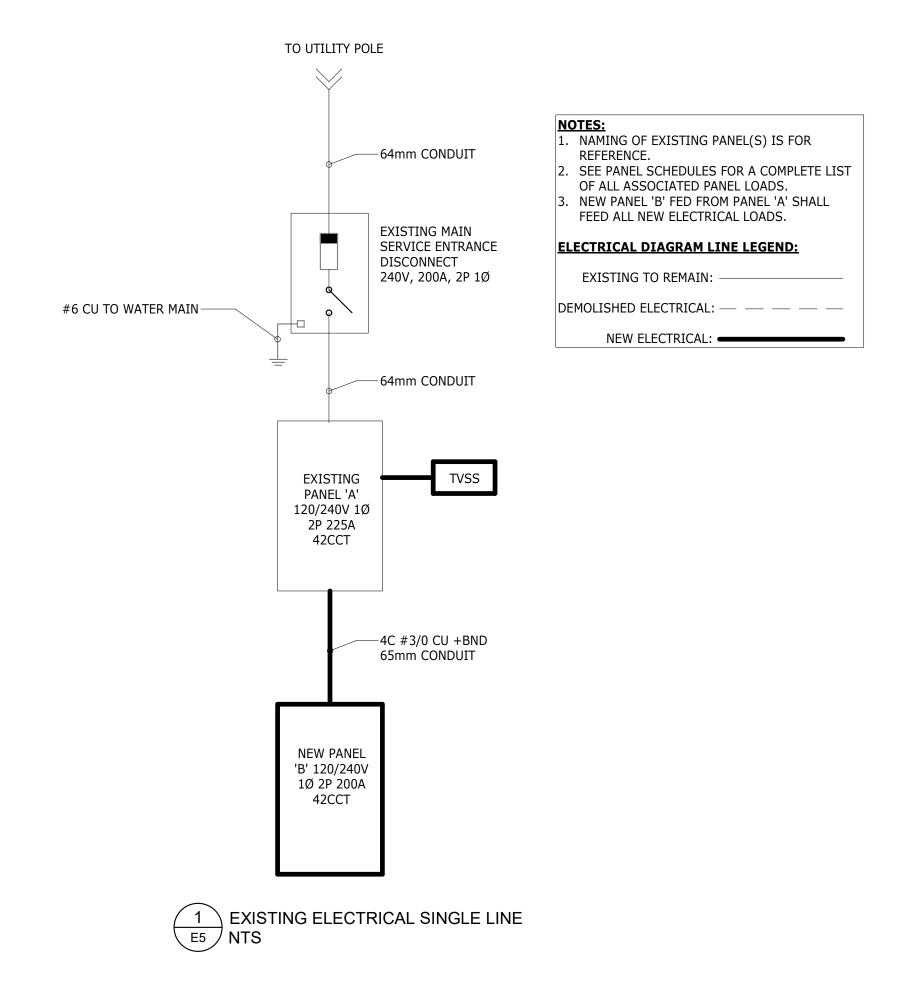
DRAWING TITLE:
LIFE SAFETY &
FIRE ALARM

DRAWN: FILE NO:

JDB 12225

DWG:

	Panel ID: EXISTING PANEL 'A	۷'						Panel <sup>*</sup>	Totals		
	Location: BASEMENT	ı: MAIN DI	0103 W								
	Mounting: Surface			: Type 1				Total Pha	ase B: 7	840 W	
	Volts: 120/240 Single		.C. Rating	• •		Total Phase C: 0 W					
	Phases: 1			s: 3		Total Conn. Load: 17943 W					
	Mains Rating: 200 A	Panel 7	Γo be C/W	<i>I</i> : Label ID	and Direct	tory (Typed) Amps: 75 A					
	Main Type: MLO										
ССТ	Circuit Description	Trip	Poles		<b>A</b>	ı	3	Poles	Trip	Circuit Description	CC1
A-1	LIGHTING ENTRANCE	15 A	1	128 W	540 W			1	15 A	RECEPTACLES BASEMENT	A-2
A-3							540 W	1	15 A	EXISTING CORRIDOR RECEPTACLES	A-4
A-5					350 W			1	15 A	HRV-2 BASEMENT	A-6
A-7											A-8
A-9											A-10
A-11											A-12
A-13	PANEL 'B'	200 A	2	5495 W							A-14
A-15						4360 W					A-16
A-17											A-18
A-19											A-20
A-21					450 W			1	15 A	LIGHTING OFFICE 107	A-22
A-23	BLR-1	20 A	1			600 W	90 W	1	15 A	LIGHTING KITCHEN 105	A-24
A-25	LIGHTING BASE BUILDING	15 A	1	600 W							A-26
A-27											A-28
<b>A-29</b>	LIGHTING QUIET ROOM 104	15 A	1	90 W							A-30
A-31											A-32
<b>A-33</b>											A-34
A-35											A-36
A-37					200 W			1	15 A	FIRE ALARM PANEL	A-38
A-39	TVSS	20 A	2			0 W	2250 W	2	30 A	HOT WATER TANK (HWT-1 )	A-40
A-41				0 W	2250 W	_					A-42
	1	To	tal Load:	1010		784	0 W				
lotes:											



	Panel ID: NEW PANEL 'B'						Panel Totals					
	Location: BASEMENT	Supply From: EXISTING PANEL 'A'  Total Phase A: 5495 W										
	Mounting: Surface	Ì	Enclosure	e: Type 1	Total Phase B: 4360 W							
	<b>Volts</b> : 120/240 Single	A.I	.C. Rating	g:		Total Phase C: 0 W						
	Phases: 1		Wires	s: 3		Total Conn. Load: 9855 W						
	Mains Rating: 200 A Main Type: MLO	Panel <sup>*</sup>	To be C/W	<b>/</b> : Label ID	and Direct	ory (Typed	1)		Amps: 4	1 A		
ССТ	Circuit Description	Trip	Poles	A		В		Poles	Trip	Circuit Description	ССТ	
B-1					525 W			1	15 A	LIGHTING WASHROOMS	B-2	
B-3							300 W	1	15 A	NEW EMERGENCY LIGHTING	B-4	
B-5	RECEPTACLES OFFICE 107	15 A	1	180 W	360 W			1	15 A	RECEPTACLES OFFICE 107	B-6	
B-7	EQUIPMENT 106 PRINTER	20 A	1			400 W	800 W	1	15 A	RECEPTACLES EQUIPMENT 106	B-8	
B-9	RECEPTACLES EQUIPMENT 106	15 A	1	360 W	500 W			1	20 A	FRIDGE KITCHEN 105	B-10	
3-11	RECEPTACLES KITCHEN 105	15 A	1			360 W	180 W	1	15 A	EXHAUST FAN KITCHEN 105	B-12	
B-13	RECEPTACLES COUNTER KITCHEN 105	20 A	1	180 W	1200 W			1	20 A	MIRCOWAVE RECEPTACLE KITCHEN	B-14	
B-15	RECEPTACLES COUNTER KITCHEN 105	20 A	1			500 W	540 W	1	15 A	RECEPTACLES QUIET ROOM	B-16	
B-17	WASHROOMS RECEPTACLES	15 A	1	720 W	540 W			1	15 A	Mech Circ Pumps In WR's	B-18	
B-19											B-20	
B-21											B-22	
B-23											B-24	
B-25											B-26	
B-27	Heating ENTRY 101	20 A	2			750 W					B-28	
B-29				750 W							B-30	
B-31	HEATING SINGLE POINT CIRC PUMPS	15 A	1			180 W	350 W	1	15 A	HRV-1	B-32	
B-33	SUMP PUMP SP-1	15 A	1	180 W							B-34	
B-35	Spare	15 A	1			0 W	0 W	1	15 A	Spare	B-36	
B-37	Spare	15 A	1	0 W	0 W			1	15 A	Spare	B-38	
B-39	Spare	15 A	1			0 W	0 W	1	15 A	Spare	B-40	
B-41	Spare	15 A	1	0 W	0 W			1	15 A	Spare	B-42	
	Total Load: 5495 W					436	0 W			1 - 2	-	

			Mechanica	l Equipment Schedule		
Mechanical ID	Voltage	Electrical Load	Circuit Number	Panel	Phase Created	Wire Size (H,N,G)
BLR-1	120 V	600 W	A-23	EXISTING PANEL 'A'	Existing	1-#12, 1-#12, 1-#12
EF-1	120 V	180 W	A-22	EXISTING PANEL 'A'	New Construction	1-#12, 1-#12, 1-#12
EF-2	120 V	180 W	B-12	NEW PANEL 'B'	New Construction	1-#12, 1-#12, 1-#12
EF-3	120 V	180 W	B-2	NEW PANEL 'B'	New Construction	1-#12, 1-#12, 1-#12
EF-4	120 V	180 W	B-2	NEW PANEL 'B'	New Construction	1-#12, 1-#12, 1-#12
HRV-1	120 V	350 W	B-32	NEW PANEL 'B'	New Construction	1-#12, 1-#12, 1-#12
HRV-2	120 V	350 W	A-6	EXISTING PANEL 'A'	New Construction	1-#12, 1-#12, 1-#12
HWT-1	240 V	4500 W	A-40,42	EXISTING PANEL 'A'	Existing	2-#10, 1-#10, 1-#10
P-1	120 V	180 W	B-18	NEW PANEL 'B'	New Construction	1-#12, 1-#12, 1-#12
P-2	120 V	180 W	B-18	NEW PANEL 'B'	New Construction	1-#12, 1-#12, 1-#12
P-3	120 V	180 W	B-18	NEW PANEL 'B'	New Construction	1-#12, 1-#12, 1-#12
P-12	120 V	180 W	B-31	NEW PANEL 'B'	New Construction	1-#12, 1-#12, 1-#12



DESIGN CONSULTANT:



Serving Our Clients' Needs First

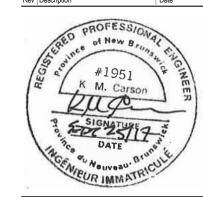
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PROJECT: HARRY HACHEY CONFERENCE CENTER

ST. ANDREWS, NB

DRAWING TITLE: PANEL SCHEDULES & **DETAILS** 

DRAWN: FILE NO: JDB 12225

E5