

LIST OF DRAWINGS

- E1 - ELECTRICAL LEGEND, LIST OF DRAWINGS AND SCHEDULES.
- E2 - EXISTING AND REVISED LIGHTING AND FIRE ALARM SYSTEMS PARTIAL FLOOR PLANS.
- E3 - EXISTING AND REVISED POWER AND MISC. SYSTEMS PARTIAL FLOOR PLANS.
- E4 - SCHEDULES, PARTIAL ELECTRICAL RISER DIAGRAM AND PARTIAL FLOOR PLAN.

EXISTING NORMAL POWER PANEL

PANEL 1LC		LOCATION: CORRIDOR, ADJACENT TO ELECT RM SERVICE: 120/208v, 3ø, 4W				MOUNTING: RECESSED 225 AMP. MAINS. BRANCH CIRCUIT I.C. 10,000 AMPS RMS SYM.							
LOAD DESCRIPTION	LOAD WIRE	BKR	CIRCUIT	BKR	WIRE	LOAD	LOAD DESCRIPTION	PHASE LOAD					
								A	B	C			
LIGHTING: RMS #143,144,147		15	1	2	15		TECH OFFICE FAN SNC	----	----	----			
LIGHTING: RMS #148,149,150,152,155		15	3	4	15		140,141,106 & 103	----	----	----			
LIGHTING: RMS #148,149,150,152,155		15	5	6	15		140,141,106 & 103	----	----	----			
LIGHTING: RMS #110,111		15	7	8	15		LIGHTING: RMS #110 & 109	----	----	----			
LIGHTING: RMS #110,111		15	9	10	15		LIGHTING: RMS #110 & 109	----	----	----			
SPACE		11	12	15			LIGHTING: RMS #110 & 109	----	----	----			
LIGHTING: RMS #102,108,105		15	13	14	15		LIGHTING: RMS #102,101B,101A	----	----	----			
LUNCHROOM/TECH OFFICE		15	15	16	15		LIGHTING: RMS #102,101B,101A	----	----	----			
LIGHTING: RMS #112,113,117		15	17	18	15		LIGHTING: RMS #174,175,176,177	----	----	----			
RM 114		15	19	20	15		145,144,142 RM 138,137,139	----	----	----			
RM 114		15	21	22	15		LIGHTING	----	----	----			
SPARE		15	23	24	20		DUCT HEATER FOR SNC TECH OFFICE	----	----	----			
SPARE		15	25	26	15		SWIPE CARDS(CONTROL OFFICE)	----	----	----			
DIESEL FILTER DISCONNECT		15	27	28	30A	2700	NEW CONDENSING UNIT 'OU-1' (SEE NOTE 2 BELOW)	----	----	----			
SPACE		15	29	30	2P	2700		10	----	----	----		
COMMENTS: + - INDICATES C/W LOCK-ON DEVICE.							CONNECTED LOAD	----	KW.	TOTAL WATTS	----	----	----
- SPRINKLER PROOF.							ESTIMATED DEMAND	----	KW.	TOTAL AMPS	----	----	----

NOTE:

- SHADING INDICATES EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.
- CONNECT TO EXISTING 30A, 2P CIRCUIT BREAKER. UPDATE PANEL SCHEDULE AS REQUIRED.

EXISTING NORMAL POWER PANEL

PANEL 1RH		LOCATION: CORRIDOR, ADJACENT TO ELECT RM SERVICE: 120/208v, 3ø, 4W				MOUNTING: RECESSED 225 AMP. MAINS. BRANCH CIRCUIT I.C. 10,000 AMPS RMS SYM.						
LOAD DESCRIPTION	LOAD WIRE	BKR	CIRCUIT	BKR	WIRE	LOAD	LOAD DESCRIPTION	PHASE LOAD				
								A	B	C		
RECEPTACLES		15	1	2	15		OVERHEAD DOOR	----	----	----		
RECEPTACLES - TOOL RM		15	3	4	AMP			----	----	----		
RECEPTACLES - TOOL RM		15	5	6	3P			----	----	----		
LIFT		30	7	8	15A		DOCK LEVELER O/H DOOR #2 & 3	----	----	----		
		AMP	9	10	2P		DRINKING FOUNTAIN	----	----	----		
		3P	11	12	15		ELEVATOR RECEPTACLE	----	----	----		
HEAT - SHREDDER ROOM		20	13	14	15		ELEVATOR RECEPTACLE	----	----	----		
		AMP	15	16	15		ELEVATOR RECEPTACLE	----	----	----		
		3P	17	18	15		ELEVATOR CORROSION PROTECTION	----	----	----		
SPACE		19	20	15		UNIT HEATERS RM 147,150	----	----	----			
A/C SHREDDER		20A	21	22	15		UNIT HEATERS	----	----	----		
		2P	23	24	15		RECEPTACLES 145 PWC OFFICE	----	----	----		
RECEPTACLES LOADING DOCK AREA		15	25	26	15		RECEPTACLES	----	----	----		
RECEPTACLES LOADING DOCK AREA		15	27	28	15		RECEPTACLES ELTONGS TOOL ROOM	----	----	----		
RECEPTACLES LOADING DOCK AREA		15	29	30	15		EXHAUST FAN #22	----	----	----		
RECEPTACLES CORRIDOR		15	31	32	15		UNIT HEATER - RM 147	----	----	----		
FAN 21 RM. #147		15	33	34	15		INTERCOM	----	----	----		
SHUNT TRIP CIRCUIT COMP RM		15 ⁺	35	36	15		EXHAUST FAN MECH ROOM	----	----	----		
NEW CEILING CASSETTE UNITS 11-1/2 (SEE NOTE 2 BELOW)	150	12	15A	37	38	15	EXISTING LOAD	----	----	----		
	150		2P	39	40	15	EXISTING LOAD	----	----	----		
SPACE		41	42	15		EXISTING LOAD	----	----	----			
COMMENTS: + - INDICATES C/W LOCK-ON DEVICE.							CONNECTED LOAD	----	KW.	TOTAL WATTS	----	----
- SPRINKLER PROOF.							ESTIMATED DEMAND	----	KW.	TOTAL AMPS	----	----

NOTE:

- SHADING INDICATES EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.
- EXISTING 20A, 3P CIRCUIT BREAKER (IN SPACES 37, 39 & 41) TO BE REMOVED AND TURNED OVER TO OWNER. INSTALL NEW CIRCUIT BREAKER AS INDICATED. UPDATE PANEL SCHEDULE AS REQUIRED.

ELECTRICAL LEGEND

- A19 - FLUORESCENT LUMINAIRE TYPE AS SCHEDULED. CONNECT TO PANEL A, CIRCUIT 19. LINE INDICATES UNSWITCHED LIGHT FIXTURE.
- \$ - TOGGLE SWITCH, 347V.
- \$^D - LOW VOLTAGE(0-10V) DIMMER SWITCH. DECORA STYLE, WITH ADJUSTABLE LIGHT LEVEL SLIDER.
- \$ - GANGED SWITCHES, 347 VAC, 15 AMP.
- Ⓛ - DUPLEX RECEPTACLE, 15A, 120V CONNECTED TO NORMAL POWER.
- Ⓛ - DUPLEX RECEPTACLE, 15A, 120V CONNECTED TO NORMAL POWER, MOUNTED 175mm ABOVE SPLASHBACK.
- Ⓛ - START/STOP PUSHBUTTON SWITCH AND PILOT LIGHT FOR FANS.
- ▽ - DATA OUTLET C/W 21mm CONDUIT STUBBED DOWN INTO RAISED FLOOR. DATA CABLING AND TERMINATIONS BY OWNER. SEE NOTE 3.
- Ⓛ - FLOOR MOUNTED RECEPTACLES/DATA OUTLETS IN SQUARE FLOOR BOX. FLOOR BOX EQUAL TO HUBBELL RAISED FLOOR ACCESS BOX OR EQUAL. C/W DIVIDER AND BLACK COVER AND FLANGE ASSEMBLY TO SUIT FLOORING IN AREA. PROVIDE SUB-PLATE C/W DOUBLE GANG PLATE OPENING FOR DUPLEX 5-15R RECEPTACLES AND MULTI-PORT MODULAR COMMUNICATIONS FACEPLATE WITH DUAL DATA OUTLETS. DATA CABLING AND TERMINATIONS TO BE COMPLETED BY OWNER. SEE NOTE 3.
- Ⓛ - HIGH INTENSITY STROBE FIRE ALARM SIGNAL. CEILING MOUNTED.
- - OUTLET OR JUNCTION BOX.
- Ⓛ - MANUAL MOTOR STARTER.
- Ⓛ - SAFETY DISCONNECT SWITCH.
- Ⓛ - MAGNETIC MOTOR STARTER.
- Ⓛ - CONNECTION TO MECHANICAL EQUIPMENT.
- DC - DOOR CONTACT, CARD ACCESS SYSTEM.
- ES - ELECTRIC STRIKE. SUPPLIED AND INSTALLED BY ARCHITECTURAL TRADE.
- PR - PROXIMITY CARD READER.
- RTE - REQUEST TO EXIT.
- EX - EXIT DEVICE.
- - SURFACE MOUNTED PANELBOARD.
- - RECESSED MOUNTED PANELBOARD.
- HC - HANDICAP DOOR OPERATOR.
- Ⓛ - CLOCK, WALL MOUNTED.
- Ⓛ - EMERGENCY PUSH BUTTON, RED IN COLOR. WALL MOUNTED
- S - CEILING MOUNTED SPEAKER
- B - FIRE ALARM BELL.
- PL - PILOT LIGHT, ASSOCIATED WITH COMPUTER ROOM FIRE SUPPRESSION SYSTEM

LIST OF SUBSCRIPTS

- PL - INDICATES PILOT LIGHT.
- E - INDICATES EXISTING TO REMAIN.
- ER - INDICATES EXISTING TO BE REMOVED.
- RL - INDICATES EXISTING TO BE RELOCATED.
- NL - INDICATES EXISTING IN NEW LOCATION.
- WP - INDICATES WEATHERPROOF.



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revisions		date
project		projet

CRA COMPUTER BASED TRAINING ROOM DATA TAX CENTRE

290 EMPIRE AVENUE, ST. JOHN'S, NFLD

ELECTRICAL LEGEND LIST OF DRAWINGS AND SCHEDULES

designed G. TUCKER	concu
date 2014.05.06	
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date 2014.05.06	
approved	approve
date	
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