

EXISTING LIGHTING LAYOUT

SCALE : 1:100

LEGEND - EXISTING

- EXISTING 610 x 1220, 27 CELL PARABOLIC RECESSED FLUORESCENT LIGHTING FIXTURE c/w T8 ELECTRONIC BALLAST AND 3-32W LAMPS
- EXISTING SINGLE, TWO AND THREE-GANG LIGHT SWITCHES RESPECTIVELY
- EXISTING 3-WAY LIGHTING DIMMER SWITCH
- EXISTING WALL MOUNTED EXIT SIGN
- EXISTING EMERGENCY LIGHTING UNIT

ANNOTATION

- 'E' LETTER INDICATES DEVICE IS EXISTING AND SHALL REMAIN IN PRESENT LOCATION.
- 'R' LETTER INDICATES DEVICE IS EXISTING TO BE REMOVED. DISCONNECT AND REMOVE BRANCH CIRCUIT WIRING/CONDUIT BACK TO SOURCE.
- 'RR' LETTERS INDICATE DEVICE IS EXISTING TO BE REMOVED AND RELOCATED. EXTEND/REROUTE BRANCH CIRCUITRY AS REQUIRED.
- 'ER' LETTERS INDICATE EXISTING DEVICE IN NEW LOCATION.
- 'NL' INDICATES LIGHTING FIXTURE IS NOT SWITCHED AND IS FED DIRECTLY FROM PANEL.

DRAWING NOTES

- EXTEND/REROUTE BRANCH CIRCUIT AND CONTROL WIRING TO ALL LIGHTING FIXTURES BEING RELOCATED.
- CLEAN, RE-LAMP AND RE-BALLAST ALL EXISTING FIXTURES.
- INSTALL LIGHT SWITCH IN A TWO-GANG DEVICE BOX WITH RECEPTACLE. MOUNTING HEIGHT IS 1065mm A.F.F.
- CIRCUIT ALL EXIT LIGHTS FROM A 1P,15A BREAKER IN THE NEAREST 120V PANEL WITH AVAILABLE CAPACITY. BREAKER SHALL BE LOCKABLE.

ELECTRICAL NOTES:

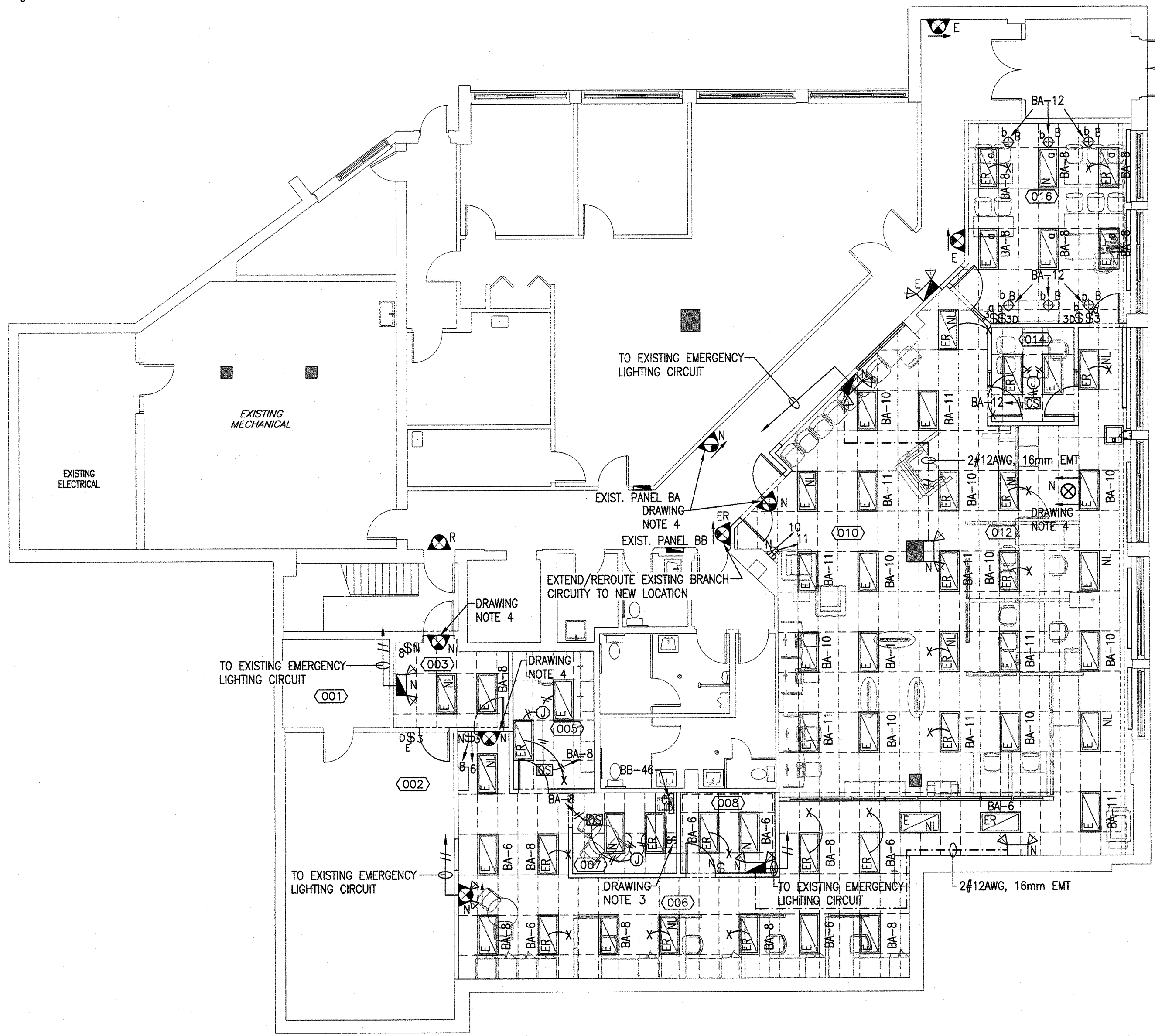
- REPAIR AND MAKE GOOD ALL ITEMS EFFECTED BY ANY ELECTRICAL REMOVALS OR INSTALLATIONS. ENSURE GAPS IN FIRE WALLS ARE FILLED WHETHER BY REMOVAL OF OLD MATERIAL OR BY DRILLING OUT FOR NEW WORK.
- ALL CABLES AND CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF EXISTING PIPES, CONDUITS AND EQUIPMENT. CONDUITS AND CABLE SHALL NOT LAY DIRECTLY UPON THE CEILING FOR SUPPORT. CABLES AND CONDUITS SHALL RUN A MINIMUM OF 150mm FROM HOT WATER LINES.
- ON COMPLETION, ALL EQUIPMENT SHALL BE THOROUGHLY CLEANED. ALL WORK CHECKED OVER AND LEFT IN WORKING ORDER.
- ALL RUBBISH, UNUSED MATERIALS ETC., SHALL BE REMOVED AND THE PREMISES LEFT CLEAN.
- FIRE SEAL ANY PENETRATIONS FOR CONDUITS RUNNING BETWEEN ROOMS OR THROUGH FLOORS AS PER SPECIFICATION SECTION 07 92 00.
- MAKE REFERENCE TO MECHANICAL SYSTEMS DRAWINGS FOR LINE AND LOW VOLTAGE WIRING REQUIRED. ALL WIRING SHALL BE BY THE ELECTRICAL CONTRACTOR.
- ALL BRANCH CIRCUIT WIRING SHALL BE TAGGED AT BOTH ENDS USING PANDUIT PLD TYPE LABELS.
- RE-USE EXISTING BRANCH CIRCUITRY THROUGHOUT. WHERE EXTRA CIRCUITS ARE REQUIRED, OBTAIN SAME FROM EXISTING DISTRIBUTION EQUIPMENT. SUPPLY NEW BREAKERS AS REQUIRED.
- MAINTAIN CIRCUIT CONTINUITY TO EXISTING EQUIPMENT WHERE DISRUPTED BY RENOVATIONS. RELOCATE EXISTING FIRE ALARM STATIONS, EXIT LIGHTS, WIRING DEVICES, ETC. WHERE REQUIRED TO SUIT NEW CONSTRUCTION.
- CO-ORDINATE WORK WITH OTHER TRADES, PROVIDE BRANCH CIRCUITS AND CONTROL WIRING FOR ALL MECHANICAL SYSTEMS AND OWNER SUPPLIED EQUIPMENT.
- PANEL DIRECTORIES SHALL BE UPDATED AND TYPED TO CLEARLY INDICATE THE NEW LOADS.
- ALL RECEPTACLES ARE BE LABELED AS TO PANEL AND CIRCUIT NUMBER CONNECTED TO.
- ALTERATIONS AND ADDITIONS: CONTRACTORS SHALL NOTE THAT THIS CONTRACT IS AN ALTERATION TO AN EXISTING BUILDING AND SHALL THOROUGHLY INVESTIGATE THE EXISTING ELECTRICAL INSTALLATION AND CONDITIONS. CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND ENSURE THAT ALL WORK ASSOCIATED WITH THE ELECTRICAL INSTALLATION REQUIRED TO BE REMOVED OR RELOCATED IS ALLOWED FOR IN THE TENDER PRICE. ALSO CONTRACTORS SHALL ENSURE THAT THE WORK CAN BE CARRIED OUT AS INDICATED ON THE DRAWINGS OR SHALL ADVISE THE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY OF ANY ANTICIPATED PROBLEMS. NO EXTRAS WILL SUBSEQUENTLY BE ALLOWED TO COVER ANY SUCH ERROR, OMISSION AND/OR OVERSIGHT FOR NOT HAVING MADE A THOROUGH INSPECTION OF THE GROUNDS, EXISTING CONDITIONS, DRAWINGS, SPECIFICATION AND DESIGN INTENT. THE ELECTRICAL CONTRACTOR SHALL NOTE THAT THE EXISTING BUILDING WILL REMAIN IN OPERATION THROUGHOUT THIS PROJECT. THEY SHALL ACCORDINGLY ALLOW FOR TEMPORARY SERVICES AS REQUIRED TO ENSURE CONTINUED OPERATION AT ALL TIMES FOR ANY WORK REQUIRED TO BE DONE WHICH MAY AFFECT POWER SUPPLY AND OPERATION OF THE BUILDING.
- ALL COMMUNICATIONS EQUIPMENT (PATCH PANELS, RACKS, OUTLETS..., ETC.), CABLES AND ALL TERMINATIONS SHALL BE BY SHARED SERVICES CANADA (SSC).
- ALL COMMUNICATIONS CONDUITS SHALL BE COMPLETE WITH NYLON PULL CORD.

LEGEND - NEW

- NEW 610 x 1220, 27 CELL PARABOLIC RECESSED FLUORESCENT LIGHTING FIXTURE c/w T8 ELECTRONIC BALLAST AND 3-32W LAMPS TO MATCH EXISTING
- COMPACT FLUORESCENT, RECESSED, DOWNLIGHT, LOW IRIDESCENT FINISH, ALZAK REFLECTOR c/w ELECTRONIC DIMMING BALLAST AND 1-F32W TTT LAMP. SEE LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION.
- 610mm, 120V, 1 LAMP, UNDERCABINET FLUORESCENT LIGHTING FIXTURE c/w T-8 ELECTRONIC BALLAST AND 1-T8-F17W OCTRON LAMP 4100 DEG. K. SEE LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION.
- 125V, 15A TOGGLE TYPE SINGLE, TWO-GANG, THREE-GANG & 3-WAY LIGHT SWITCHES RESPECTIVELY. STYLE AND COLOR TO MATCH EXISTING. SWITCHES MOUNTED 1200mm A.F.F.
- 120V CEILING MOUNTED OCCUPANCY SENSOR, c/w POWER SUPPLY & SLAVE PACK.
- 120V FLUORESCENT LIGHTING 3-WAY DIMMER SWITCH INSTALLED IN SEPARATE SINGLE-GANG BOX MOUNTED 1200mm A.F.F.
- INDICATES ORIGINAL FIXTURE LOCATION
- 120VAC-12VDC SELF CONTAINED EMERGENCY LIGHTING BATTERY UNIT C/W TWO 6 WATT MR16 LED LAMPS. MOUNTED 2290mm A.F.F.
- 12VDC REMOTE EMERGENCY LIGHTING UNIT C/W TWO 6 WATT MR16 LED LAMPS. MOUNTED 2290mm A.F.F.
- WALL MOUNTED EXIT SIGN, LED TYPE, 120VAC-12VDC, C/W FACE AND ARROWS AS INDICATED. MOUNTED 2290MM A.F.F. C/W FACE AND ARROWS AS INDICATED. "RUNNING MAN" PICTOGRAM.
- 120VAC-12VDC - 80 WATT SELF CONTAINED COMBINATION EXIT/EMERGENCY LIGHTING BATTERY UNIT C/W TWO 5 WATT MR16 LED LAMPS AND AUDIBLE AUTO TEST. MOUNTED 2290mm A.F.F. C/W FACE AND ARROWS AS INDICATED. "RUNNING MAN" PICTOGRAM.
- CEILING MOUNTED EXIT SIGN, LED TYPE, 120VAC-12VDC, C/W FACE AND ARROWS AS INDICATED. "RUNNING MAN" PICTOGRAM.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	MOUNTING	STANDARD OF QUALITY	LAMPS
N	610 X 1220, 27 CELL PARABOLIC RECESSED FLUORESCENT LIGHTING FIXTURE c/w T8 ELECTRONIC BALLAST AND 3-32W LAMP	120V	RECESSED T-BAR CEILING	TO MATCH EXISTING FIXTURES	3-T8-F32W OCTRON LAMPS 4100 DEG. K.
B	COMPACT FLUORESCENT, DOWNLIGHT, LOW IRIDESCENT FINISH, ALZAK REFLECTOR c/w ELECTRONIC DIMMING BALLAST	120V	RECESSED T-BAR CEILING	LIGHTOLIER: 8022CLW-S7132BU-CU3 OR APPROVED EQUAL	1-F32W TTT
C	610mm, 1 LAMP, UNDERCABINET FLUORESCENT LIGHTING FIXTURE c/w T-8 ELECTRONIC BALLAST	120V	SURFACE MOUNTED UNDER CABINET	METALUX: CL-117-120V-EBB1 OR APPROVED EQUAL	1-T8-F32W OCTRON LAMP 4100 DEG. K.



REVISED LIGHTING LAYOUT

SCALE : 1:100

0 ISSUED FOR TENDER JULY 30 2014

revisions

project

RENOVATIONS TO SERVICE CANADA ESDC/EDSC 680 MAIN ST. WOODSTOCK, NB

drawing

designed K. WOLFE

date APRIL 2014

drawn K. WOLFE

date APRIL 2014

approved

date

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drawing no. E1