



1 TRAINING ROOM (207) & FIT-UP AREA RCP RENOVATION PLAN
E2.5 SCALE: 1 : 100

GENERAL NOTES

- A. COORDINATE ALL WORK REQUIRING SHUT-DOWN OF EXISTING SYSTEMS THAT COULD AFFECT EXISTING TENANTS WITH THE BUILDING OWNER AT A TIME AND MANNER SUITABLE TO THEM.
- B. PROVIDE NEW 610MM X1220MM (2X4) VOLUMETRIC RECESSED LED TROFFER IN TRAINING ROOM # 207 & ENCLOSED OFFICES. 347V, 4000LM, 82CRI, 3500K. LIGHT FIXTURE SHALL BE COMPATIBLE WITH DIGITALLY ADDRESSABLE LIGHTING CONTROL SYSTEM. LIGHT FIXTURE SHALL BE RATED TO ALLOW ACOUSTIC BLANKET. CIRCUITING INDICATED IS REPRESENTATIONAL ONLY.
- C. PROVIDE NEW 610MM X1220MM (2X4) VOLUMETRIC RECESSED LED TROFFER IN OPEN OFFICE AREAS. 347V, 3000LM, 82CRI, 3500K. LIGHT FIXTURE SHALL BE COMPATIBLE WITH DIGITALLY ADDRESSABLE LIGHTING CONTROL SYSTEM. LIGHT FIXTURE SHALL BE RATED TO ALLOW ACOUSTIC BLANKET. CIRCUITING INDICATED IS REPRESENTATIONAL ONLY.
- D. PROVIDE NEW DIGITALLY ADDRESSABLE LIGHTING CONTROL SYSTEM COMPLETE WITH DIMMERS, OCCUPANCY SENSORS, DAYLIGHT SENSORS AS INDICATED & 347V POWERRELAY PACKS & NETWORK BRIDGE AS REQUIRED. PROVIDE LIGHTING CONTROL GATEWAY & CONTROL IN COMMISSIONAIRE'S OFFICE (INDICATED IN SITE PLAN) FOR COMPLETE CONTROL OF ALL NEW LIGHT SYSTEM. REFER TO DRAWING E2.8 FOR WIRING DETAIL.
- E. REUSE EXISTING 347V CIRCUITS FOR NEW LIGHTING LOADS WITHIN THE SPACE. CIRCUITING INDICATED IS REPRESENTATIONAL ONLY. PROVIDE TYPED WRITTEN PANEL DIRECTORIES INDICATING UPDATED CIRCUITING.
- F. ALL LIFE-SAFETY SYSTEMS SHALL BE MAINTAINED AND OPERABLE AT ALL TIMES DURING CONSTRUCTION.
- G. WHERE EXISTING WIRING AND CONDUIT ARE RE-USED, VERIFY CONDITION, FASTENING AND SUPPORT MEET CODE REQUIREMENTS.
- H. NEW SWITCHES/DIMMERS TO BE SUPPLIED AND INSTALLED AT 100mm FROM THE LATCH SIDE OF DOOR OR SIDELIGHT AND AT A HEIGHT OF 1200mm ABOVE FINISHED FLOOR.
- I. ALL COVER PLATES TO MATCH EXISTING FINISH.
- J. CONTRACTOR SHALL ENSURE FURNITURE POWER POLES DO NOT INTERFERE WITH LIGHT FIXTURES. RELOCATE LIGHTING WHERE REQUIRED TO ACCOMMODATE.
- K. CONTRACTOR SHALL CONFIRM ALL EXISTING SYSTEMS TO BE IN WORKING CONDITION PRIOR TO CARRYING OUT MODIFICATIONS. WHERE EXISTING SYSTEMS ARE NOT OPERABLE, NOTIFY THE DEPARTMENTAL REPRESENTATIVE PRIOR TO CARRYING OUT WORK.
- L. LIGHT FIXTURES ON EMERGENCY LIGHTING CIRCUIT AND PART OF NIGHT LIGHT SHALL HAVE WIRING, CONDUIT AND JUNCTION BOXES MAINTAINED SEPARATELY FROM ALL OTHER LIGHTING.
- M. ALL DEVICES INDICATED WITH 'R' SHALL BE RELOCATED. INCLUDE THE COMPLETE RELOCATION OF THE EXISTING ITEM IDENTIFIED IN ITS CURRENT LOCATION ON THE DEMOLITION DRAWINGS, TO THE NEW LOCATION AS INDICATED ON THE RENOVATION DRAWINGS. INCLUDE ALL LABOUR AND MATERIALS TO REROUTE/EXTEND/REFEED THE EXISTING CIRCUITRY AS REQUIRED TO ACCOMMODATE THE RELOCATION.

KEY NOTES

- 1. PROVIDE NETWORKED SYSTEM CEILING DAYLIGHT SENSOR. DAYLIGHT SENSOR SHALL BE PART OF DIGITALLY ADDRESSABLE LIGHTING CONTROL SYSTEM. OCCUPANCY SENSOR SHALL CONTROL THE LIGHT FIXTURES AS INDICATED IN DRAWING PLAN.
- 2. LIGHT FIXTURES SHALL BE PART OF EMERGENCY LIGHTING CIRCUIT. EMERGENCY FIXTURES SHALL BE PART OF DIGITALLY ADDRESSABLE LIGHTING CONTROL SYSTEM AND SHALL BE CONTROLLED BY DIMMER SWITCH AND OCCUPANCY SENSOR IN THE ROOM. FIXTURES SHALL MONITOR CIRCUITING OF OTHER FIXTURES IN THE ROOM. SUCH THAT DURING POWER OUTAGE, EMERGENCY FIXTURES SHALL FULLY (100%) TURN ON. CIRCUITING INDICATED IS REPRESENTATIONAL ONLY. COORDINATE ON SITE LOCATION OF EMERGENCY 600V PANEL. REFER TO SITE PLAN FOR ELECTRICAL ROOM LOCATIONS.
- 3. PROVIDE NETWORKED SYSTEM WALL DIMMER SWITCH. DIMMER SWITCH SHALL HAVE ON/OFF & RAISE/LOWER DIMMING FUNCTIONALITY. DIMMER SWITCH SHALL BE PART OF DIGITALLY ADDRESSABLE LIGHTING CONTROL SYSTEM AND INTEGRATED WITH THE OCCUPANCY SENSOR IN THE ROOM.
- 4. PROVIDE NETWORKED SYSTEM DUAL TECH CEILING OCCUPANCY SENSOR. OCCUPANCY SENSOR SHALL BE PART OF DIGITALLY ADDRESSABLE LIGHTING CONTROL SYSTEM. EXTENDED RANGE 360 DEGREES. REAR RJ-45 PORT. LOW VOLTAGE. THE ROOM SHALL HAVE MANUAL ON/AUTO OFF FUNCTIONALITY INTEGRATED WITH WALL DIMMER SWITCH.
- 5. PROVIDE NETWORKED SYSTEM DUAL TECH CEILING OCCUPANCY SENSOR (AUTO ON / AUTO OFF). OCCUPANCY SENSOR SHALL BE PART OF DIGITALLY ADDRESSABLE LIGHTING CONTROL SYSTEM. EXTENDED RANGE 360 DEGREES. REAR RJ-45 PORT. LOW VOLTAGE. OCCUPANCY SENSOR SHALL CONTROL LIGHT FIXTURES AS INDICATED IN THE DRAWING PLAN.
- 6. PROVIDE NETWORKED SYSTEM PIR WALL OCCUPANCY SENSOR SWITCH COMPLETE WITH DIMMING. WALL OCCUPANCY SENSOR SWITCH TO PROVIDE MANUAL-ON / AUTO-OFF FUNCTIONALITY. OCCUPANCY SENSOR SHALL BE PART OF DIGITALLY ADDRESSABLE LIGHTING CONTROL SYSTEM.

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**PUBLIC WORK AND
GOVERNMENT SERVICES
CANADA**

Project Title
CRA WINNIPEG TAX-CENTRE FIT-UP
WINNIPEG, MANITOBA

Designed by Concu par
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MP
PWGSC Project Manager Administrateur de Projets TPSGC
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Drawing Title Titre du dessin
**SECOND FLOOR - FIT UP AREA
AND TRAINING RM #5 - LIGHTING
PLAN - RENO**

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