

CONSTRUCTION NOTES

- ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES AND MATERIAL INDICATED ON DEMOLITION PLANS, ARE TO BE REMOVED AND REPLACED WITH NEW, SUCH NEW ITEMS ARE TO BE EQUAL OR GREATER IN SPECIFICATIONS THAN THOSE ITEMS BEING REMOVED, UNLESS INDICATED OTHERWISE. ALL NEW RECEPTACLES ARE TO BE SPEC. GRADE, NEW LIGHTING IS TO BE SIMILAR TO THOSE INDICATED IN LIGHTING FIXTURE SCHEDULE. NEW DEVICE COVER PLATES ARE TO BE BRUSHED STAINLESS STEEL TYPE. ALL PANEL BOARDS ARE TO BE SUPPLIED BY ONE MANUFACTURER, THEIR ELECTRICAL CHARACTERISTICS ARE TO BE EQUAL TO THOSE PANEL BOARDS BEING REMOVED, UNLESS INDICATED OTHERWISE. NEW 30 AND 100KVA TRANSFORMERS ARE TO BE TYPE K WITH RATINGS SIMILAR TO THOSE BEING REMOVED.
- IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VISIT SITE TO VERIFY EXISTING PANEL BOARDS AND REPLACE EACH WITH NEW PANEL BOARDS OF THE SAME ELECTRICAL CHARACTERISTICS ON NEW BREAKERS TO MATCH THE EXISTING BREAKERS THEY ARE REPLACING, OR AS OTHERWISE NOTED. CONTRACTOR TO VERIFY AND UPDATE ALL PANEL SCHEDULES.
- ALL NEW CONTACTORS, RELAYS, AND STARTERS ARE TO BE RATED FOR THE LOADS THEY ARE TO CONTROL AND PROTECT.
- NEW FIRE ALARM SYSTEM COMPONENTS FOR INITIATING, SIGNALING AND SUPERVISING CIRCUITS ARE TO BE ADDRESSABLE TYPE. MAIN ADDRESSABLE FIRE ALARM PANEL IS TO BE INSTALLED IN CSB MAIN ENTRANCE AND IS TO BE CONNECTED TO THE EXISTING FIRE ALARM PANEL LOCATED IN THE AIRPORT TERMINAL BUILDING FOR REMOTE MONITORING PURPOSES. SUPPLY AND INSTALL ANY AND ALL NECESSARY HARDWARE/SOFTWARE IN A FIRE ALARM PANEL BOARD TO PROVIDE SUCH MONITORING.
- ALL EXISTING WIRE/CONDUIT THAT IS FOUND TO BE IN GOOD CONDITION IS TO BE REUSED, ANY WIRING OR CONDUIT THAT EXISTS BUT IS DAMAGED IS TO BE REPLACED UNDER THE CASH ALLOWANCE. CONTRACTOR TO PROVIDE PRICING FOR APPROVAL PRIOR TO REPLACEMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY REMOVAL/RELOCATION OF ELECTRICAL SYSTEMS WHICH INTERFERE WITH COMPLETING THE REPAIR WORK INDICATED ON THE DRAWINGS. ELECTRICAL SYSTEMS TO BE REINSTATED ONCE REPAIR WORK IS COMPLETE. ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, BY LICENSED TRADES PEOPLE.
- COMPLETE ALL WORK IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (LATEST EDITION) AND THE CANADIAN ELECTRICAL CODE (LATEST EDITION).
- ALL BUILDING ELECTRICAL AND COMMUNICATION SYSTEMS ARE TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION.
- ALL ITEMS TO BE COORDINATED WITH STRUCTURAL, MECHANICAL, ARCHITECTURAL AND CIVIL DURING DEMOLITION AND CONSTRUCTION.
- EXECUTE WORK BY METHODS TO AVOID DAMAGE TO OTHER EXISTING COMPONENTS AND FINISHES WHERE POSSIBLE.
- ELECTRICAL CONTRACTOR TO PROVIDE NEW IDENTIFICATION LABELS ON ALL ELECTRICAL EQUIPMENT INDICATING THE EQUIPMENT'S NAME AND EQUIPMENT'S PURPOSE. PLUS PROVIDE NEW TYPE WRITTEN PANEL DIRECTORIES INDICATING ALL BRANCH CIRCUIT BREAKERS LOAD DESCRIPTIONS.
- ELECTRICAL CONTRACTOR TO ENSURE PANEL FEEDER LUG LOCATIONS ARE POSITIONED IN NEW PANELS TO ACCOMMODATE EXISTING FEEDER LENGTHS, PANEL POSITIONS MAY BE SLIGHTLY ALTERED TO MAKE UP FOR ANY SHORT FEEDER LENGTHS, WHERE EXISTING FEEDER LENGTHS ARE NOT ADEQUATE TO CONNECT TO NEW PANEL LUGS CONTRACTOR IS TO PROVIDE JUNCTION BOX ABOVE OR BELOW PANEL AND EXTRA WIRE AND CONDUIT TO ACCOMMODATE EXTENDING THE EXISTING FEEDER TO THE NEW PANEL LUGS. INCLUDE COST OF SUPPLYING AND INSTALLING EXTRA JUNCTION BOXES AND FEEDER EXTENSIONS IN TENDER PRICE.
- ALL EXISTING MECHANICAL EQUIPMENT AND THEIR CONTROLS TO REMAIN. DISCONNECT SUCH EQUIPMENT FROM EXISTING BRANCH CIRCUIT BREAKER PANEL BOARD, RECONNECT TO NEW BRANCH CIRCUIT BREAKER IN NEW PANEL BOARD. BREAKER SIZE TO MATCH PREVIOUS BREAKER RATING.
- INSTALL NEW 15A, 2P, ENCLOSED CIRCUIT BREAKER FOR NEW FIRE ALARM CONTROL PANEL, PAINT ENCLOSURE RED AND LABEL "FIRE ALARM CONTROL PANEL POWER SUPPLY".
- INSTALL 3 #12 RW90 + BOND WIRE IN 21mm CONDUIT FROM NEW FUGIBS DISCONNECT TO FIRE ALARM CONTROL PANEL. INSTALL 3 #12 RW90 + BOND WIRE IN 21mm CONDUIT FROM DISCONNECT TO MAIN LUGS OF PANEL LUPA AND CONNECT.
- THE ELECTRICAL CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED BY LAW, ORDINANCES, RULES AND REGULATIONS OF PUBLIC AUTHORITIES HAVING JURISDICTION, AND SHALL OBTAIN CERTIFICATES ON SUCH INSPECTIONS AND SUBMIT SAME AND PAY ALL CHARGES IN CONNECTION THEREWITH.
- RECONNECT NEW RECEPTACLES TO NEW PANEL REPLACING OLD PANEL, PROVIDE BREAKERS AS NECESSARY TO ACCOMMODATE.

- THE ELECTRICAL CONTRACTOR IS TO COORDINATE WITH MECHANICAL AND ARCHITECTURAL DRAWINGS TO ASCERTAIN WHAT EXTERIOR EQUIPMENT AND DEVICES ARE TO BE TEMPORARILY REMOVED TO ACCOMMODATE THE REMOVAL OF EXTERIOR BEING AND ROOF COVERING, INCLUDE IN TENDER THE COST FOR DISCONNECTING ELECTRICAL POWER FROM SUCH EQUIPMENT AND DEVICES AND THE FUTURE RECONNECTION ONCE ARCHITECTURAL AND MECHANICAL WORK IS COMPLETED.
- THE ELECTRICAL CONTRACTOR IS TO EXTEND EXISTING BRANCH WIRING WHERE EXISTING WIRING LENGTHS TO NEW BRANCH BREAKERS ARE NOT OF SUFFICIENT LENGTH TO CONNECT, NO SPLICES WILL BE ALLOWED IN PANEL TUBS.
- FOR OPERATION REQUIREMENTS, REFER TO SPECIFICATIONS SECTION 01 35 13.13 - SPECIAL PROCEDURES FOR AIRPORT FACILITIES.
- ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL ALL WIRING, CONDUIT AND ASSOCIATED EQUIPMENT FOR THE CONTROL OF ALL MECHANICAL HYDRONIC HEATING FIXTURES. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH MECHANICAL CONTRACTOR.



PROJECT OF NEW POWER AND COMMUNICATIONS
ENGINEERING PERMIT NO. 14650
SNC-LAVALIN INC.
Signature of Member Number
Identification/Identification: 00000000000000000000

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CO2	RE-ISSUED FOR TENDER	02/14/2019
CO1	ISSUED FOR TENDER	09/28/2018
revisions		date

project

**MAINTENANCE GARAGE
REHABILITATION
ST. ANTHONY AIRPORT**

drawing

**NEW POWER AND
COMMUNICATIONS
FLOOR PLAN LEVEL 1**

designed G.N.S. compo

date 2017.07.17

drawn G.N.S. desiné

date 2017.07.17

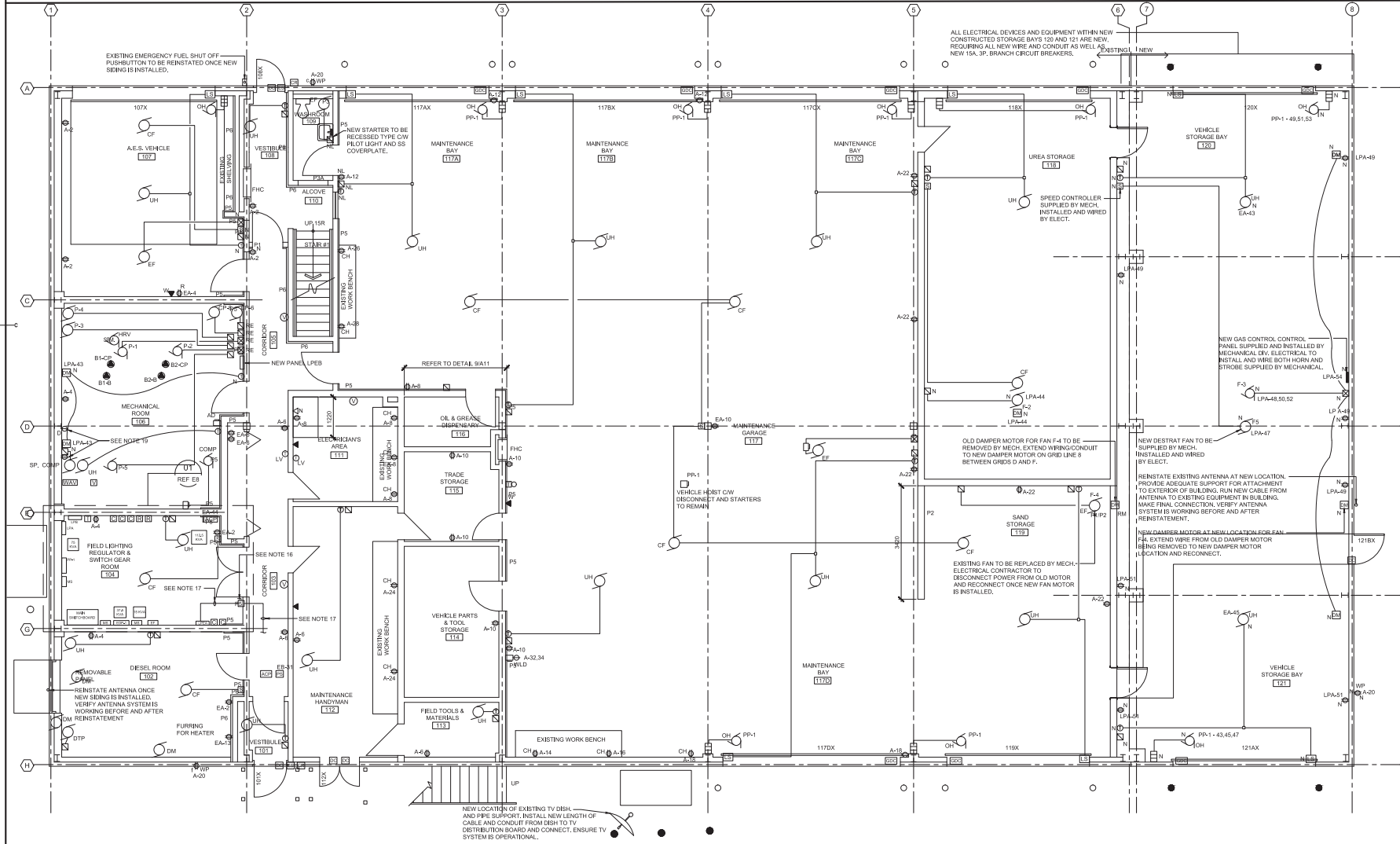
approved K.S. approuvé

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Tender

PMSC: Project Manager Administrateur de projet TPSC
project number no. du projet
R.077269.001

drawing no. no. du dessin
E6



LEVEL ONE NEW ELECTRICAL LAYOUT

1
E6