

PROJECT NAME	2756 CHAMBERLAND NORD ST. - ROCKLAND, ON - WINNERS ROCKLAND RFQ
PROJECT NO.	GWAL 2024-221
DATE	DECEMBER 17, 2024
ADDENDUM NO.	E1

The following additions, deletions & revisions form part of the drawings and specifications for the above referenced project:

GENERAL

Responses to Tender Questions

Q1: DWG E2 single line demolition indicates we are to remove 2 transformers, and 6 panels. DWG E2 single line new indicates we are to provide 1 new transformer, and 4 new panels. DWG E2 panel legends indicates that the panels are the same name and are labeled 'existing'. Are panels PP2, LP-B1, LP-B3, and LP-C new panels?

A1: PP2, LP-B1, LP-B3 and LP-C are not new panels. They are existing panels to be relocated to make way for the new partition / new data and electrical room work.

Q2: Note 1 on SLD drawing Dwg E2 request to provide new lighting contractors while EMS notes on drawing E2 indicate contractors to be supplied by EMS contractor.

A2: EMS systems will be provided by E.M.S. contractor and wired by electrical contractor. Electrical contractor shall coordinate with EMS contractor prior to commencing work.

Q3: SDL demolition work drawing E2 indicate primary & secondary feeder of 150kVA to be demolished while new work shows as existing, please advise.

A3: The 150kVa transformer will be relocated. Please see attached updated drawing E2 and new power and systems work drawing E6

Q4: New feeder sizes are missing on new SLD work, please provide.

A4: Please see attached updated drawing E2 for clarification and feeder sizes.

SPECIFICATIONS

N/A

DRAWINGS**1. Reference Drawing E1 issued for tender 11/14/2024 and attached updated Drawing E1:**

Clarification: Refer to attached updated Drawing E1 for updated symbol legend.

2. Reference Drawing E2 issued for tender 11/14/2024 and attached updated Drawing E2:

Clarification: Refer to attached updated Drawing E2 for updated switchboard distribution.

Clarification: Refer to attached updated Drawing E2 for updated light fixture schedule.

3. Reference Drawing E6 issued for tender 11/14/2024 and attached updated Drawing E6:

Clarification: Refer to attached updated Drawing E6 for updated leader number.

ENCLOSURE(S)	Drawings E1, E2 & E6
ISSUED BY	DISTRIBUTION
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WINNERS ROCKLAND RFQ

2756 CHAMBERLAND ST., ROCKLAND,ON
ELECTRICAL

SPECIFICATIONS

1. GENERAL NOTES:

- The following notes apply unless otherwise noted in the scope of work or elsewhere on these drawings. In the event of a conflict between notes and plans, report to the consulting engineer for resolution.
- These documents have been prepared based on the applicable regulations, on the information provided by the client and on the visually apparent existing conditions. Nevertheless, these documents are not covered by any warranty of occurrence from either the client or the consultant.
- This contractor must visit the site to familiarize himself with the existing site conditions and electrical installation. The ignorance of these conditions can in no way justify an addition to the contract value.
- The quoted price submitted to the owner or his representative, must include all material and labour for a complete and functional installation, including all necessary changes to existing installations.
- The submitted price shall include the cost for a complete inspection (during the course of the project) of any existing electrical equipment being reused. Any existing equipment found to be unsafe or not conforming to code, shall be reported to the client or their representative, who shall decide on their replacement. A complete description of the replacement equipment shall be submitted.
- All requests for supply and connection of electrical power and telephone services, as well as all licenses, permits and other equivalent authorizations, shall be completed and obtained by this contractor. Proof of compliance is to be supplied to the client upon request.
- The norms and the particular requirements of the power company for the local district must be respected.
- All other notes on the plans are complementary to the present. Any contradiction in these documents that are not reported to the client's representative shall be left to the discretion of the client or their representatives interpretation.
- All documents issued by the architect and other consultants on this project must be read concurrently with the present document and any contradictions or errors must be immediately reported to the client or his representative prior to the installation. The client and client's representative will not accept any additional cost to the contract due to an obvious error, contradiction or interpretation other than the client's representative's design intent.
- All equipment shall be identified. Use lameacid nameplates, black with white lettering, screwed to the equipment. All wires shall be identified with unalterable markers at each end, install "P-Touch" labels on each pull box cover and on each receptacle cover to identify the panel name and circuit number in a manner approved by the engineer.
- Unless otherwise noted, all cutting and drilling of floor, walls and ceiling for electrical purposes shall be part of the electrical contract. Patching is the general contractor's responsibility. Coordinate with all trades and obtain the general contractor's agreement prior to commencing work.
- Any proposed alternate material shall be submitted with the tender document along with the applicable corresponding credit for the client's consideration. Any alternate submitted after tender may be refused.
- Unless otherwise noted, shop drawings shall be submitted for lighting fixtures, ballasts and any distribution equipment. Submit in electronic format is preferred (PDF). If hardcopies are to be submitted 3 copies will be required, two (2) shall be stamped and returned.
- The entire electrical installation must be tested and written reports must be supplied to the client or his representative.
- Unless it is specifically noted, all material shall be new and conform to the C.S.A., CUL or ETL specifications.
- The entire installation shall be made in accordance with the latest C.S.A. regulations and any authorizations having jurisdiction.

2. TEMPORARY SERVICE:

- The supply and installation of all necessary electrical equipment required for all temporary needs during the entire construction period form part of the electrical contract. This includes, among others, an entrance of sufficient capacity and the connections to equipment supplied by others (including temporary connection only to gas or oil heaters, cranes, temporary lighting, connection to job shack, etc.). The supply and replacement of the bulbs as well as the costs of the power consumption will be absorbed by the general contractor and/or the client.

3. CONDUITS AND CABLES:

- All exposed conduit runs shall run parallel to building lines. All conduits to be sized as per of the latest edition of the electrical code and revisions. All exposed runs must be done in EMT or rigid conduit where exposed to mechanical damage. BX will not be accepted.
- All conduits in concrete slab shall be rigid PVC with expansion joints and be complete with ground wire. EMT conduit shall be used elsewhere for the duration of the work. Where rigid steel conduit is called for, it shall be threaded steel conduit complete with threaded fittings and treaded boots. All conduits shall be complete with bonding conductor for continuity.
- Wherever empty conduits are specified for various systems (telephone, T.V., security, etc.), nylon or polyester pull cords shall be installed in each run and tagged at each end.
- All branch circuit wiring shall be run in conduits from panel up to a pull box in ceiling space. Install one spare 2" conduit from each panel for future use.
- All conductors of size #8 AWG or larger shall be stranded. All conductors, unless otherwise noted, shall be #12 R75 minimum in copper (R60 or R90 where required by provincial code). The use of aluminum wires will not be accepted.
- All wire connectors shall be Marrette or approved alternate. All outlet and pull boxes are to be sized as per the latest edition of the electrical code.
- Flexible seal-tight conduit shall be used for final motor connections. Flexible conduit shall be used for final heater and transformer connections.
- There will be no supplemental allowance for any relocations of equipment within 20"-0" of the location shown on plans, if the item has not yet been installed at the time of the request for relocation.
- It is the responsibility of the electrical contractor to protect his work as well as his materials against the weather, breakage and theft. This contractor will also be responsible to protect all installed materials for the duration of the work.
- All conduits crossing through walls or between floors shall be provided with a fire-stop device or fire-stop material.

4. LIGHTING PANELS:

- Lighting panels shall have bolt-on type breakers. They shall be mounted flush or surface as shown, and shall have a door with hidden hinges complete with interchangeable look and keys. No load centres will be accepted.
- All single pole breakers shall be of the switching type.
- Each panel shall have a directory indicating lighting or equipment connected to each circuit. Directories shall be type written and mounted with a transparent sleeve on the inside of the door.
- Breakers for special circuits controlling night lighting, exit lights, emergency lighting, alarms, or refrigerator/freezers shall be fitted with handle locks.
- Breakers for fire alarm panels and sprinkler pumps shall be fitted with locks and painted red.
- All bus bars, lugs and breaker terminals shall be silver plated at the connection point. The interrupting capacity of the breakers associated to the panel shall be 10KA for 120/208V and 14KA for 347/600V.
- All two or three pole breakers shall operate with a common trip with a single handle. Two pole breakers consisting of two single pole breakers with a tie handle and twin breakers will not be accepted. All electrical panels shall be sprinkler proofed as required to meet local and Hydro authorities.

5. RECEPTACLES AND SWITCHES:

- All switch and receptacle cover plates shall be stainless steel.
- All receptacles shall be of specification grade as shown on the legend. Colour to be white. Pass & Seymour, Hubbell and Leviton are approved manufacturers.
- All 120V receptacles fed from a 20A circuit shall be NEMA-5-20R configuration. Toggle switches shall be of specification grade and as shown on the legend. Colour to be white. Pass & Seymour, Hubbell and Leviton are approved manufacturers. All lighting controls, speed controls and volume controls shall be centred at 43-1/4" (1100 mm) above floor unless otherwise indicated.
- Switch and receptacle plates shall be stainless steel. Where receptacles are located in wet, damp or exterior locations they shall be GFI type or protected by a GFI breaker and have weatherproof cover plates. Including the above, receptacles for maintenance of rooftop mounted electrical equipment shall be 20A (5-20R).
- All computer receptacles shall be orange in colour with a stainless steel cover plates and shall be connected to dedicated circuits, each circuit with separate line, neutral and isolated (green insulated) ground wire.
- Unless otherwise noted, all receptacles shall be centred 18" (457.2 mm) A.F.F.
- In all areas the junction boxes required for receptacles, data outlets, telephone outlets, thermostats, variable speed controls, lighting switches, volume controls, fire alarm devices, security devices and emergency lighting devices are to be recessed, any conflicts between site conditions and the requested installations must immediately be signalled to the engineer and the architect for their resolution. The devices can be installed surface mounted in the storeroom, utility room, sprinkler room and electrical room if required, but a recessed installation would still be preferred wherever possible.

6. LIGHTING FIXTURES AND LAMPS:

- All lighting fixtures shall be supplied complete with lamps, plaster rings and mounting hardware. Unless otherwise noted, the electrical contractor shall include for the complete supply, installation and connection of all lighting fixtures. See fixtures list on plan.

7. TELEPHONE SYSTEM:

- Supply and install an empty conduit system complete with nylon fish cords tagged at both ends, pull boxes, panels, outlet boxes, cover plates suitable for the installation of telephone cables and telephone equipment, by the telephone system installer. The complete conduit installation shall be coordinated with the telephone cable installer. Install galvanized rigid steel conduit where exposed to mechanical injury. In all other locations, EMT may be used.
- PVC duct shall be used for underground service entrance.
- Provide 120 Volt power outlet adjacent to the telephone equipment location for a telephone company step down transformer.
- Unless otherwise shown, steel pull boxes shall be installed every 100 feet or less of straight conduit run; every 75 feet or less of straight conduit run with one 90° bend or equivalent; every 50 feet of straight conduit run or less with two 90° bends or equivalent.
- A #6 AWG ground wire shall be run from the telephone service ground to the main building ground.

8. DISTRIBUTION:

- Feeders as shown shall have maximum voltage drop of 3% at full load at the panels. All panels shall be balanced under full load conditions to within 10% between phases. All phases and neutrals shall be identified and maintained in their correct order when reading left to right throughout the building.
- For 15A-120V circuits, the minimum wire size used from the breaker shall be:
8.2.1. #12 up to 100'-0" (30m) in a straight run.
8.2.2. #10 over 100'-0" (30m) up to 200'-0" (60m) in a straight run.
8.2.3. #8 over 200'-0" in a straight run.
- For 15A-347V circuits the minimum wire size used from the breaker shall be:
8.3.1. #12 up to 200'-0" (60m) in a straight run.
8.3.2. #10 over 200'-0" (60m) in a straight run.
- Each panel board shall be complete with a directory giving the number and description of each circuit controlled. The directories shall be clearly typed, legible and of ample size and shall be mounted in a metal frame with a clear plastic cover on it. The circuit breakers shall be connected to the panel by bolted connections. All bus bars, lugs and breaker terminals shall be silver plated at connection points. The interrupting capacity of each board shall be 10KA for 120/208 volt panels and 14KA for 347/600 Volt panels.
- The two or three pole breakers shall operate with a common trip and with a single handle. Two pole circuit breakers consisting of two single pole breakers with a tie handle; twin breakers will not be accepted. All panel boards shall be sprinkler-proofed as required to meet local and utility authorities.
- All disconnect switches shall be quick-make, quick-break.
- Safety switches must be fitted with a device allowing them to be padlocked in the "closed" and "open" position. All safety switches installed outdoors must be of NEMA 3 classification, unless otherwise indicated on the drawings. The safety switch shall be of the heavy duty type, equipped with blades, one direction, snap action, and with interlocked cover. The capacity is indicated on the plans. Acceptable products: Siemens, Eaton Cutler-Hammer or Square D or approved equivalent.
- Unless otherwise specified, all fuses shall be of the general purpose type, high rupture capacity, 2500A, effective symmetrical, form 1.
8.9.1. 600A and over Class L Fast Acting
8.9.2. Lighting circuits Class J Fast Acting
8.9.3. Motor and Heating loads Class J Time Delay
- Three (3) spare fuses of each type and size used of the norme code used on this project shall be supplied to the client. Good Shoulam, Norm and GEC are approved manufacturers.

9. TRANSFORMERS:

- Any core transformers shall have standard taps to raise or lower the voltage. They shall be Class "H" insulation with temperature rise of 150°C. Sound level shall not exceed 47 d.b. They shall be mounted on antivibration pads of Korfund type and installed in order to maintain suitable natural ventilation. F.P.E., Delta, Hammond and Marcus are approved manufacturers.
- The secondary of the transformer shall be grounded as per standards and rules of section 10 of the latest edition of the electrical code.
- Transformers shall be installed to suit seismic norms.
- Transformers shall be installed with the clearances required by article 246-248 of the Electrical Code chapter V.

10. SERVICE ENTRANCE BOARDS:

- The service entrance board shall consist of a completely metal enclosed free standing structure consisting of a main switch compartment, hydro metering section or cell as shown on these drawings.
- Bus work shall be brosed to withstand available short circuit on the system and breakers and fuses shall have adequate interrupting capacity and shall be fully coordinated with other equipment on the load and line side.
- The main switch compartment shall contain breaker of type, frame and size or fused disconnect switch with fuses of type and size as indicated. Fuse distribution panel boards shall be OMB or Breaker distribution Boards shall be C.D.F.
- The main switch or breaker of 800 Amps or more capacity shall be equipped with ground fault protection. In addition, provide ground fault equipment where indicated on the drawings.
- The metering section or cell compartment where required shall have a removable steel mounting plate and shall be equipped with all hardware and bus bars to receive the local utilities current and potential transformers. Current transformers shall be obtained from the utility and installed in the compartment by the service entrance board manufacturer or as per utilities standard requirements.
- The contractor to provide the utilities with all required drawings and protection coordination curves.

11. FIRE ALARM SYSTEM:

- Existing Fire Alarm System is MIRCOM FA-300 SERIES. Provide new fire alarm devices conforming for continuity.
- The signalling apparatus should be placed strategically in order that the alarm signals are heard in all areas of the building. All wiring for the fire alarm system should be installed in conduit or FTS fire rated cables and coded according to the recommendations of the manufacturer.
- This contractor shall be responsible to have the entire system installed and connected to suit CAN/ULC-5524 norms and verified in accordance to CAN/ULC-5537 norms. Once all work on the system has been completed, he shall then issue all required certificates.
- All the equipment and workmanship must be free from all defects and should be accompanied by the certificate of guarantee of one year starting from the day of acceptance of the work by the owner, architect or engineer.
- All bells and horns shall be complete with integral strobe lights.
- All fire alarm panels shall be complete with battery back-up and relays for municipal tie-in and fan shut-down.

12. SEISMOLOGICAL REQUIREMENTS:

- All seismological requirements are to be verified and confirmed by the contractor with the local authority or with the person having jurisdiction. The entire electrical installation must be done to suit the seismic requirements of the local authority.
- The contractor shall undertake to engage a certified seismological consultant to inspect and certify the electrical installation and issue a report before commissioning.

13. PROJECT CLOSE OUT:

- Any work or material (being part of the electrical contract) which develops a defect within one year of the final acceptance date must be replaced at no additional cost to the client.
- After completion, the following items shall be supplied by this contractor:
13.2.1. A complete set of "AS-BUILT" drawings indicating in colour the exact location of all underground conduits, all modifications pertaining to equipment locations and changes to circuit numbers, etc. These plans are to be prepared and submitted by this contractor to the engineer prior to certificate of acceptance being issued.
13.2.2. Required certificates (for example: C.S.S.T. and C.C.Q. certificates in Quebec and C.S.A. certificates in Ontario, etc.).
13.3. The site shall be left clean and free of debris and/or waste resulting from this installation.
- The consultant and the client reserve the right to use the services of a mediator chosen as the law dictates for the resolution of any conflict with the contractors. The decision of the mediator shall be final and without appeal.
- The acceptance of the electrical installation does not relieve the contractor of his responsibility to repair and replace defective material and workmanship under the terms of this contract. Alternatively, the approval of material and/or equipment is only considered valid when same are on site, in operation, and entirely comply with the intent of the design specifications.
- All the equipment and workmanship must be free from all defects and should be accompanied by the certificate of guarantee of one year starting from the day of acceptance of the work by the owner, architect or engineer.
- Omission of producing the required documents and certificates stipulated herein within a reasonable time period shall result in a transfer of legal responsibility to the defaulting party regarding any consequential loss.

14. EXISTING EQUIPMENT:

- Should there be any electrical equipment, containing or being contaminated with hazardous material, it shall be disposed of by this contractor in a method approved by the environmental authorities, and the client or his representative shall be provided with written documentation of its disposal.
- Upon completion of modifications to panels or any other equipment, where required, proof of CSA conformity from a recognized firm or authority shall be obtained and a copy forwarded to the client or his representative.

15. REQUIREMENTS FOR CONTROLS IN A BARRIER-FREE DESIGN:

- Manual pull stations must be operable using one hand and with a force of not more than 22.2 N. In the case of all other controls they must be operable using a closed fist with a force of not more than 22.2 N.
- Thermostats and manual pull stations shall be mounted not more than 1200 mm (47-1/4") to center above the finished floor.
- All other controls shall be mounted not less than 900 mm (35-1/2") and not more than 1100 mm (43-1/4") to center above the finished floor.

LIST OF DRAWINGS—LISTE DES DESSINS

DRAWING #	TITLE
E1	ELECTRICAL TITLE PAGE
E2	ELECTRICAL PANEL SCHEDULES
E3	ELECTRICAL LIGHTING AND FIRE ALARM DEMOLITION WORK
E4	ELECTRICAL LIGHTING AND FIRE ALARM NEW WORK
E5	ELECTRICAL POWER AND SYSTEMS DEMOLITION WORK
E6	ELECTRICAL POWER AND SYSTEMS NEW WORK
E7	ELECTRICAL DETAILS 1 / 2
E8	ELECTRICAL DETAILS 2 / 2

ADDITIONAL NOTES

1	THIS CONTRACTOR SHALL SCHEDULE ALL HIS WORK TO SUIT THE GENERAL CONTRACTORS PROJECT SCHEDULE.
2	THIS CONTRACTOR SHALL CO-ORDINATE ALL HIS WORK WITH BOTH THE GENERAL CONTRACTOR AND OTHER TRADES PRIOR TO INSTALLING HIS EQUIPMENT, AND CONFLICTS SHALL BE SETTLED BY THE GENERAL CONTRACTOR.
3	THIS CONTRACTOR SHALL CO-ORDINATE THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL HIS EQUIPMENT WITH THE GENERAL CONTRACTOR PRIOR TO INSTALLATION.
4	THIS CONTRACTOR SHALL SUPPLY AND INSTALL NEW CONDUITS AND BOXES FOR THE CASHES, TO BE LOCATED IN THE CEILING SPACE ON THE OUTSIDE WALL NEAR THE CASHES, HE SHALL CO-ORDINATE ALL THIS WORK WITH BOTH THE GENERAL CONTRACTOR PRIOR TO INSTALLATION.
5	ALL THE EXTERIOR BUILDING LIGHTING IS SUPPLIED, INSTALLED AND CONNECTED BY THE LANDLORD TO THE LANDLORDS SERVICE.
6	THIS CONTRACTOR SHALL MAKE FINAL CONNECTIONS AT BOTH ENDS OF ALL SIGNS. THIS CONTRACTOR SHALL CONNECT ALL INDIVIDUAL LETTERS OF SIGNS, THE EXACT LOCATION OF ALL SIGNS SHALL BE COORDINATED ON SITE WITH THE GENERAL CONTRACTOR PRIOR TO INSTALLATION.
7	NO SUBSTITUTIONS WITHOUT APPROVAL FROM TJX
8	I.G. RECEPTABLES SHALL NOT BE GANGED WITH ANY OTHER TYPE OF RECEPTACLE, UNLESS OTHERWISE INDICATED ON THESE DRAWINGS.
9	SEE HOMESENSE PROTOTYPICAL DRAWINGS FOR OPEN CEILING REQUIREMENTS.
10	ALL LINE VOLTAGE CONNECTIONS ARE BY THIS CONTRACTOR AND LOW VOLTAGE CONNECTIONS ARE BY OTHERS.
11	ALL CONDUITS MUST HAVE NYLON PULL CORD TAGGED ON BOTH ENDS AND PULL BOXES AT EVERY 100' OR 75' DEPENDING ON THE NUMBERS OF WIRES IN THE CONDUIT.

SYMBOL	DESCRIPTION
	LOCKABLE DISCONNECT SWITCH
	MOTOR RATED SWITCH LOCKABLE (ARROW HUNT #8010-0)
	JUNCTION BOX (4"x4" UNLESS OTHERWISE NOTED)
	MOTOR 14 BY OTHERS (WIRING AND ELECTRICAL CONNECTION BY THIS CONTRACTOR)
	MOTOR 34 BY OTHERS (WIRING AND ELECTRICAL CONNECTION BY THIS CONTRACTOR)
	DUPLEX CONVENIENCE RECEPTACLE, CENTRELINE 14" A.F.F. UNLESS OTHERWISE NOTED
	COMBINATION OF A DUPLEX RECEPTACLE AND TWO USB OUTLETS (LEGEND #R526Z5B)
	G.F.I. DUPLEX RECEPTACLE
	QUAD RECEPTACLE
	DEDICATED DUPLEX RECEPTACLE
	QUAD RECEPTACLE WITH ISOLATED GROUND. NOTE: ALL ISOLATED GROUND OUTLETS TO BE ORANGE IN COLOUR
	QUAD RECEPTACLE LOCATED ABOVE CEILING SPACE OR AT U/S DECK IN OPEN CEILING CONFIGURATION
	DUPLEX CONVENIENCE RECEPTACLE LOCATED ABOVE CEILING SPACE OR AT U/S DECK IN OPEN CEILING CONFIGURATION
	DUPLEX RECEPTACLE WITH ISOLATED GROUND, CENTRELNE 14" A.F.F. UNLESS OTHERWISE NOTED. THE NUMBER REPRESENTS THE TOTAL QUANTITY OF THE RECEPTABLES (NOT BE GANGED). NOTE: ALL ISOLATED GROUND OUTLETS TO BE ORANGE IN COLOUR
	5-20R RECEPTACLE
	RECEPTACLE MOUNTED OVER COUNTER - REFER TO DETAILS AND ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS
	SQUARE PACK POLE. REFER TO PLANS FOR SPECIFICATIONS CDR MODEL CP2
	ELECTRICAL PANEL (AS SPECIFIED)
	SWITCH
	THREE WAY SWITCH
	347 DUAL TECHNOLOGY OCCUPANCY SENSOR (GREEN GATE #JWC-0T-2000-R WITH #SP15-347 SWITCH PACK)
	180 DUAL TECHNOLOGY OCCUPANCY SENSOR (GREEN GATE #JWC-0T-0701-R WITH #SP15-347 SWITCH PACK)
	360 PIR OCCUPANCY SENSOR (GREEN GATE #JWC-P-0500 WITH #SP15-347 SWITCH PACK)
	347 DUAL TECHNOLOGY OCCUPANCY SENSOR AND DIMMER (WATT STOPPER: DW-311-W-347V)
	FIRE ALARM BELL
	FIRE ALARM MANUAL PULL STATION (TO BE COMPLETE WITH LEAD COVER, SAFETY TECHNOLOGY INTERNATIONAL, 660 SERIES MINI STOPPER II)
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM BOOSTER PANEL
	STARTER BY OTHERS (ELECTRICAL CONTRACTOR TO PROVIDE FINAL CONNECTIONS WHERE REQUIRED)
	PUSH BUTTON FOR DOCK LEVELER OR OVERHEAD DOOR CONTROLS BY OTHERS, ELECTRICAL CONTRACTOR TO PROVIDE FINAL CONNECTIONS WHERE REQUIRED
	ELECTRIC STROBE - INSTALL 1/2" CONDUIT C/W NYLON FISH CORD FROM THE JOISTS TO THE DOOR FRAME. REFER TO INSTALLATION NOTES FOR MORE INFORMATION.
	STROBE AND STROBE - INSTALL 1/2" CONDUIT C/W NYLON FISH CORD FROM THE JOISTS TO THE DEVICE LOCATION. REFER TO INSTALLATION NOTES FOR MORE INFORMATION.
	SAFE DOOR CONTACT - INSTALL 1/2" CONDUIT C/W NYLON FISH CORD FROM THE JOISTS TO THE DEVICE LOCATION. REFER TO INSTALLATION NOTES FOR MORE INFORMATION.
	DOOR CONTACT - INSTALL 1/2" CONDUIT C/W NYLON FISH CORD FROM THE JOISTS TO THE DEVICE LOCATION. REFER TO INSTALLATION NOTES FOR MORE INFORMATION.
	WEATHERPROOF
	ABOVE FINISHED FLOOR
	UNDERSIDE
	INTRUSION ALARM CONTROL PANEL, PROVIDED AND INSTALLED BY OTHERS; BOXES, CONDUITS AND ELECTRICAL CONNECTIONS BY THIS CONTRACTOR
	ENERGY MANAGEMENT SYSTEM CONTROL PANEL, PROVIDED AND INSTALLED BY OTHERS; BOXES, CONDUITS AND ELECTRICAL CONNECTIONS BY THIS CONTRACTOR
	CAMERA - INSTALL 1/2" CONDUIT C/W NYLON FISH CORD FROM THE JOISTS TO THE CAMERA LOCATION IN OPEN CEILING AREAS. DECK. REFER TO INSTALLATION NOTES FOR MORE INFORMATION.
	WALL MOUNTED TELEPHONE OUTLET C/W 3/4" CONDUIT AND PULL CORD UP TO CEILING SPACE
	BOX FOR DATA AND TELEPHONE OUTLET COMPLETE WITH 3/4" CONDUIT TO THE CEILING SPACE OF ALL underground conduits, all modifications pertaining to equipment locations and changes to circuit numbers, etc. These plans are to be prepared and submitted by this contractor to the engineer prior to certificate of acceptance being issued.
	VOLUME CONTROL BY OTHERS TO BE MOUNTED SAME HEIGHT AS LIGHTING CONTROLS UNLESS OTHERWISE INDICATED. (LANTION BOX AND CONDUIT 3/4" CONDUIT C/W NYLON FISH CORD UP TO CEILING SPACE BY THIS CONTRACTOR.)
	MOTION SENSOR - INSTALL 1/2" CONDUIT C/W NYLON FISH CORD FROM THE JOISTS TO THE MOTION SENSOR LOCATION IN OPEN CEILING AREAS. DECK. REFER TO INSTALLATION NOTES FOR MORE INFORMATION.
	KEY PAD FOR THE INTRUSION ALARM SYSTEM BY OTHERS. INSTALL 1/2" CONDUIT C/W NYLON FISH CORD FROM C/W RECESSED BOX TO THE UPPER DECK. THE CENTER OF THE BOX IS TO BE INSTALLED AT 3'-7" A.F.F.
	GLASS BREAK DETECTOR FOR THE SECURITY SYSTEM BY OTHERS. INSTALL 1/2" CONDUIT C/W NYLON FISH CORD FROM THE CEILING (UNDERSIDE OF THE LIGHTING FIXTURES IN OPEN CEILING CONCEPT) TO THE UPPER DECK. REFER TO INSTALLATION NOTES FOR MORE INFORMATION.
	LINE VOLTAGE THERMOSTAT - SUPPLIED AND INSTALLED BY CONTROLS CONTRACTOR, CONNECTED BY THIS CONTRACTOR. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
	360 DEGREE MOTION SENSOR FOR THE SECURITY SYSTEM BY OTHERS. INSTALL 1/2" CONDUIT C/W NYLON FISH CORD FROM THE CEILING (UNDERSIDE OF THE LIGHTING FIXTURES IN OPEN CEILING CONCEPT) TO THE UPPER DECK. REFER TO INSTALLATION NOTES FOR MORE INFORMATION.
	LARGE DIAMETER DESICCATION FAN SUPPLIED AND INSTALLED BY OTHERS, AND CONNECTED BY THIS CONTRACTOR. FAN CONTROLS TO BE RECESSED INTO THE FIRE ALARM SYSTEM FOR AUTOMATIC SHUTDOWN UPON ACTIVATION OF THE FIRE ALARM SYSTEM. PROVIDE AND INSTALL RELAYS AS REQUIRED. COORDINATE WITH THE MECHANICAL CONTRACTOR AND REFER TO THE MANUFACTURERS DOCUMENTATION FOR ALL CONTROL REQUIREMENTS.
	HOT WATER TANK
	SPEED CONTROLLER
	SINGLE PHASE ELECTRIC MOTOR
	THREE PHASE ELECTRIC MOTOR - HORSEPOWER AS SHOWN
	SECURITY MOTION SENSOR
	HAND DRYER
	OVERHEAD DOOR CONTACT
	LUTRON DIMMING MODULE RMAS-01-347



Client

ARCHITECT



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TENANT



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ENERGY MANAGEMENT SYSTEM REQUIREMENTS (E.M.S.)

The E.M.S. contractor shall supply all contractors, control panels, control devices, control transformers. He is also responsible for the installation and connection of all control wiring for this system. The electrical contractor shall contact the E.M.S. contractor to coordinate delivery of the contractor panels. The electrical contractor shall install and connect all contractors and their panels and run all circuits to be controlled through the contractors. The contractor panels shall be located next to the panel controlling the circuits they are controlling. One beside the 600/347V lighting panel (panel "LP-AA") and the other beside the 120/208V panel (panel "LP-B1").

The electrical contractor shall arrange for the shutdown of electrical systems and aid the E.M.S. installer with the installation of the watts transducer and the transducer CT sensors on the main service distribution panel.

The following is an electrical check list of requirements for the Energy Management System installation (E.M.S. by others):

1. 50% Sales area lighting (alternate rows), contractor A
2. 50% Sales area lighting (alternate rows) and fitting rooms, contractor B
3. 120V Sales area lighting, contractor C
4. Offices, warehouses, lounge and warehouse lighting, contractor D.
5. Exterior signs, contractor E.
6. Lighting wall and gondolas, contractor F.
7. Backline signage, contractor G.
8. Interior signs (storefront signs, sign boxes and remote corridor signs), contractor H (where applicable).
9. Perimeter valance lighting, contractor I.
10. Exterior lighting, contractor J.

The following are electrical components to be supplied, installed and connected by this contractor for the E.M.S.

1. One 20A-600V-3P breaker to be installed in the main distribution panel or in the 600/347V panel to feed the E.M.S. phase loss/watts transducer panel.
2. Provide and install all required empty conduits between the E.M.S. equipment and power panels. To include but not limited to the following: Conduit from the E.M.S. panel to the contractors and the nipple connection to the 600V main distribution panel.
3. Provide and install one I.G. receptacle connected on a dedicated 120V-15A-1P I.G. circuit near or in the E.M.S. control panel as directed by the E.M.S. contractor. See drawing E201.
4. Coordinate the exact location and requirements of the E.M.S. equipment prior to installation.
5. Provide and install a 2 gang box, complete with 3/4" conduit to the ceiling space, located in the office corridor beside the door to the assistance manager's office for the override switches. The override switches shall be supplied and installed by the E.M.S. contractor.

[illegible]

SECURITY SYSTEM ROUGH IN

CONDUIT FROM U/S STRUCTURE TO SUSPEND DOWN-BOTTOM AT 11'-4" A.F.S., PLANT ENT ICE/CLING.

ALL DOMES, ETC. TO BE COORDINATED ON SITE WITH TJS CONSTRUCTION MANAGER. ALL RUN IN STRAIGHT, NEAR LINES ALONG STRUCTURE ELEMENTS OR SIMILAR.

ION DETECTORS ROUGH-IN

TO SUPPLY AND INSTALL SIX (6) TWELVE-1/2" PAINTED CONDUITS C/W NYLON FISH CORD. ADVISE USER'S SUPERVISOR OF ANY CHANGES IN ORDER CLINGING TO THE UPPER DECK. CRITICAL BOX IS TO BE INSTALLED AT THE EDGE OF THE CONDUIT SO THE 300 PSI MORTAR COATING ON ITS SECTIONS IS TO BE COORDINATED ON SITE WITH TJS CONSTRUCTION MANAGER. TO BE DONE AS REQUIRED TO MEET LOCAL CODES AND SEMING REQUIREMENTS.

TO RUN CABLES FOR ALL TJS DEDICATED ELECTRICAL, DATA AND SECURITY SYSTEMS ARE REQUIRED TO BE INSTALLED OUTSIDE OF SPACE AIRCRAFT AT REMOTE RECEIVING AREA AND RECEIVING AREA. CONFIRM EXACT SITE SPECIFIC REQUIREMENTS FOR THE TJS SYSTEMS

[illegible]

DRAWING NOTES

- ① **GENERAL**
NEW LISTING CONTRACTORS PROVIDED BY ELMC CONTRACTOR, INTERCONNECT TO NEW LISTING CONTRACTOR AND NEW ELMC TO IDENTIFY SCHEDULES FOR CLARIFICATION ON CONNECTED CIRCUITS, COORDINATE WORK WITH ELMC CONTRACTOR.
- ② PROVIDE NEW DEDICATED GROUND BACK TO MAIN BUILDING GROUND IN SWITCHGEAR PP-1.
- ③ PROVIDE NEW SURGE PROTECTIVE DEVICE C/N 208R/36/30A CIRCUIT.

GENERAL NOTES:

1. ALL CONTRACTORS SHALL BE SUPPLIED IN CONDUCTOR DATA BY ELMC. THESE SHALL BE REVIEWED AND APPROVED BY ELMC. ALL CONTRACTORS SHALL BE ADVISED THAT ALL WORKS TO BE CONTROLLED THROUGH THE APPROPRIATE CONTRACTOR, COORDINATE ALL WORK AND INSTALLATION WITH ELMC, PRIOR TO INSTALLATION.

①

DA
SC

PANEL
LP-B1
225A
120/208V

PANEL
LP-C
225A
120/208V

PANEL
LP-B3
225A
120/208V

SP

②

③

FED FROM PUC

MAIN SWITCH SW-1
PP-1
- 800A, 400/347V,
3Φ-4W

PANEL PP-2
800A

TRAN
150
600V

[illegible]

11/14/24	ISSUED FOR TENDER	5
10/18/24	ISSUED FOR REVIEW 2	4
08/09/24	ISSUED FOR REVIEW 1	3
08/07/24	ISSUED FOR COORDINATION	2
03/28/24	ISSUED FOR REVIEW	1
DATE	REVISION	REV

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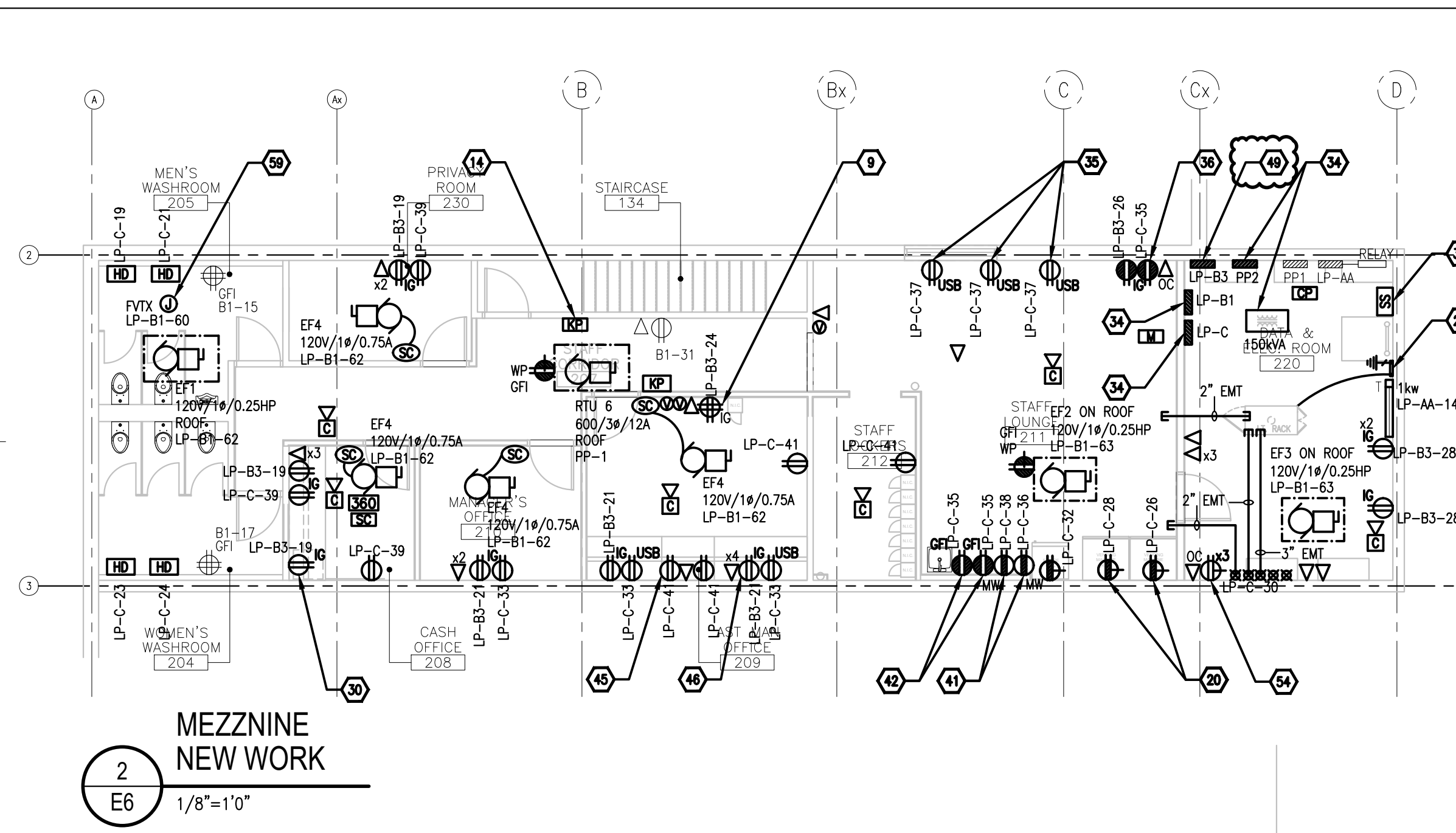
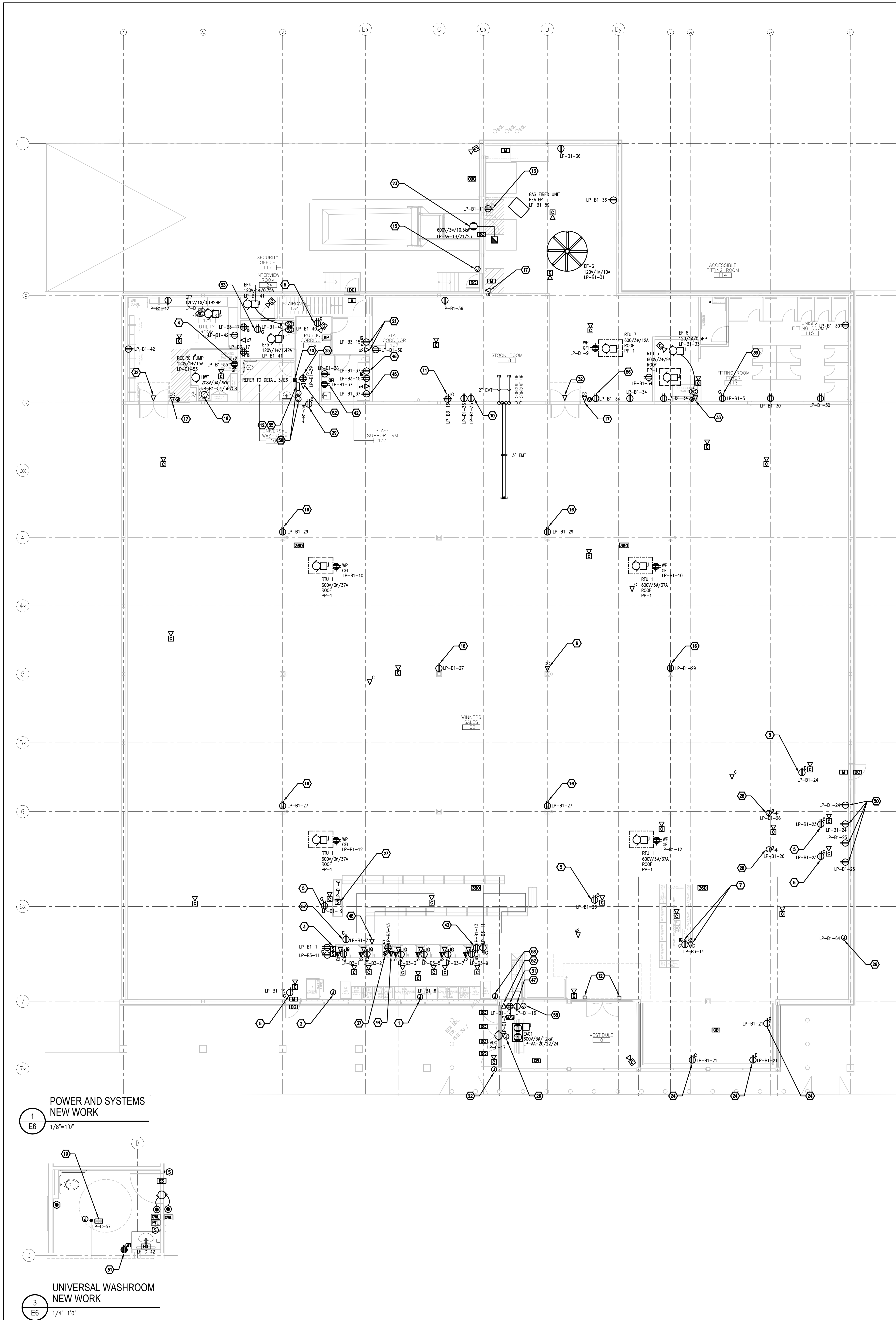
DO NOT SCALE DRAWINGS

L'INGÉNIEUR DÉCLARE TOUTE RESPONSABILITÉ ÉCARTANT DE PROBLÈMES POUVANT SURVENIR EN NON RESPECT DES PLANS, DES SPÉCIFICATIONS OU DE L'INTENTION DE L'INGÉNIEUR DE TOUTS LES PROBLÈMES POUVANT RÉSULTER DU DÉFAUT D'OBEYSSANCE ET / OU DE SUITE DES CHOICES DE L'INGÉNIEUR EN CE QUI CONCERNE LES ERREURS, OMISSIONS, INCONSISTENCES, AMBIGUITÉS OU CONFLITS ALÉATOIRES.

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NE PAS MESURER LES DIMENSIONS À L'ŒIL

Project/Project WINNERS FIT-OUT ROCKLAND PLAZA	Drawing Title/Title du dessin ELECTRICAL PANEL SCHEDULES
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- ### DRAWING NOTES
- PROVIDE CIRCUIT FOR HAND LIT INTERIOR SIGN AND CONNECT (FINAL SIGN HOOKUP BY ELECT).
 - WALL JUNCTION BOX TO TIE IN FROM POLES AS SHOWN IN CASH AREA AND CUSTOMER SERVICE DESK. RUN WIRING FOR POWER FROM THIS JUNCTION BOX TO PACK POLES.
 - PROVIDE CASH LINE PACK POLES. HEIGHT OF PACK POLE TO BE INSTALLED UP TO UNDERSIDE OF DECK. ENSURE PACK POLES DO NOT INTERFERE WITH FEATURES ABOVE. DATA CABLE TO BE FED DIRECTLY TO PACK POLE.
 - PROVIDE 2 RECEPTACLES IN UTILITY ROOM AT 60" AFF. INSTALL 2'-0" MAXIMUM FROM CLEANING MACHINES.
 - SINGLE OUTLET "SECURITY ROUGH IN" IN CEILING C/W 20' OF EXCESS COIL. OUTLETS TO BE ON TELEPHONE MOUNTED @ 60" AFF. (CENTRE-LINE OF OUTLET). PHONE CABLE SLACK.
 - PROVIDE DATA CABLE AND OUTLETS 12" ABOVE CEILING (FOR FUTURE JEWELRY COUNTER) RUN CABLES TO DATA ROOM. FINAL LOCATION TO BE DETERMINED / CONFIRMED. LG AND CONVENIENCE OUTLETS TO BE RUN BACK TO THE DATA ROOM FROM THE DATA ROOM. AT ELECTRICAL ROOM FOR JEWELRY COUNTER INSTALLATION. SHIP CABLES FROM CEILING 2'-0" PACK POLE BY ELECTRICAL. ENSURE PACK POLE DOES NOT INTERFERE WITH LIGHTS. WIRING TO BE COMPLETED BY ELECTRICIAN AFTER FINISHES ARE INSTALLED. G.C. TO INSTALL CABLES. FINAL LOCATION OF POWER FOR JEWELRY COUNTER MAY VARY. ALLOW FOR 25'-0" VARIANCE BASED ON SITE SPECIFIC CONDITIONS.
 - NEW HAND DRYER SUPPLIED BY CLIENT. PROVIDE NEW CIRCUIT C/W CONDUIT AND WIRE AND CONNECT.
 - LG QUAD OUTLET FOR FOUR (4) HPMADOT MULTI-UNIT CHARGERS. REFER TO 1/E7.
 - OUTLET FOR "TE-MAP" TABLE @ 45" AFF. REFER TO FINAL FUTURE PLAN STOODROOM LAYOUT FOR EXACT LOCATION PRIOR TO INSTALLATION.
 - ONE (1) QUAD LG OUTLET FOR R.F. WARDOWN CUBBY @ 45" AFF. - REFER TO FINAL FUTURE PLAN STOODROOM LAYOUT FOR EXACT LOCATION PRIOR TO INSTALLATION.
 - CHECKPOINT POWER COILING FOR WALL MOUNTED PEDESTAL. MAX 2'-0" SECTION BEHIND SECURITY PEDESTALS TO INCLUDE CAT-5 NETWORK CONNECTION. PEDESTAL TO BE COVERED BY WALL.
 - DOCK LIGHT @ 6'-0" AFF.
 - PROVIDE ALUMINUM HAND ROUGH-IN @ 45" AFF.
 - PROVIDE 4"x4" STANDARD DUAL GANG ELECTRICAL BOX WITH CONDUIT TO DATA ROOM @ 45". JUNCTION BOX TO BE RECESSED AND WATERPROOF. LOCATION INTERIOR SHOULD BE LOCATED ON THE FUTURE SIDE AND FROM THE LOADING DOOR.
 - OUTLETS MOUNTED 12" AFF. ON CENTRE TYP. AT COLUMNS.
 - TELEPHONE AT 45" AFF. LOCATED WITH 12" FROM DOOR FRAME. CABLES TO BE RUN THROUGH CONDUITS. FOR SIDE AND ELECTRICAL ROOMS AND ELECTRICAL DRAWINGS.
 - SUSPENDED HOT WATER TANK W/ QUICK RECOVERY PROVIDED BY MECHANICAL CONTRACTOR IN UTILITY ROOM. PROVIDE NEW CIRCUIT C/W DISCONNECT SWITCH, CIRCUIT AND CONNECT.
 - NEW UNIVERSAL WASHROOM ACCESS SYSTEM AND EMERGENCY ILLUMINATION SYSTEM SUPPLIED AND INSTALLED BY ELEC. HANGING CONTRACTOR. PROVIDE 120V/250V CIRCUIT. NEW CABLES, EQUIPMENT AND CONNECT NEW DOOR OPERATOR AND CONTROL TRANSFORMER. COORDINATE EXISTING DOOR-IN REQUIREMENTS ON SITE PRIOR TO COMMENCING WORK.
 - OUTLETS ON SEPARATE CIRCUIT FOR VENDING MACHINES.
 - LG OUTLET @ 4'-0" AFF. RUN TIME CLOCK CABLE TO DATA ROOM WITH 15' LOOP AT END.
 - PROVIDE 4"x4" STANDARD DUAL GANG ELECTRICAL BOX WITH CONDUIT IN THE WALL UP TO THE CEILING SPACE INSIDE THE STORE. JUNCTION BOX TO BE RECESSED AND WATERPROOF.
 - PROVIDE CIRCUIT STARTER FOR TENANT SUPPLIED COMPACTOR.
 - CONTRACTOR SHALL PROVIDE (1) ONE RECEPTACLE FOR HANGING BACK LIT SIGN SUPPLIED AND INSTALLED BY ELEC. HANGING CONTRACTOR. PROVIDE 120V/250V CIRCUIT. NEW CABLES, EQUIPMENT AND CONNECT NEW DOOR OPERATOR AND CONTROL TRANSFORMER. COORDINATE EXISTING DOOR-IN REQUIREMENTS ON SITE PRIOR TO COMMENCING WORK.
 - QUAD OUTLET IN CEILING SPACE FOR PUBLIC CORRIDOR GAS SYSTEM SECURITY PEDESTAL. ABOUT OUTLET 4" FROM TERMINATION BOX.
 - PROVIDE (1) ONE 20A 120V VOLT CIRCUIT FOR EXTERIOR SIGN (FINAL SIGN HOOKUP BY ELECT).
 - PROVIDE 2" x 2" PACK POLE W/ RECEPTACLE IN LOWER PORTION OF POLE FOR CORE COOLER. HEIGHT OF PACK POLE TO BE INSTALLED UP TO UNDERSIDE OF CEILING. ENSURE PACK POLES DO NOT INTERFERE WITH FEATURES ABOVE.
 - PROVIDE POWER INTO BEAUTY CANALS. STRAIGHT WATER DROP DOWN WIRING TO BE PROVIDED AND COMPLETED AFTER FINISHES ARE INSTALLED. FINAL CONNECTIONS BY E.C. REFER TO ELECTRICAL DRAWINGS. COORDINATE LOCATION WITH LG RUN. ALLOW FOR 25'-0" VARIANCE BASED ON SITE SPECIFIC CONDITIONS. NO PACK POLES REQUIRED.
 - PROVIDE #8 BONDING CONDUCTOR AND BOND SERVER RACK, AND L.S. BACK TO GROUND.
 - PROVIDE ONE (1) LG OUTLET @ 30" AFF. AND (2) CAT 5 FROM CASH OFFICE TO DATA ROOM. CAT 5 TO BE MOUNTED ABOVE COUNTER IN CASH OFFICE. INSTALL IN A 2"x4" BOX 800" AFF. C/W 25' CONDUIT TO CEILING.
 - QUAD OUTLET MOUNTED 8'-0" AFF. FOR VESTIBULE GAS SYSTEM SECURITY PEDESTAL. OUTLET 4" FROM TERMINATION BOX.
 - RECEPTACLE @ 11'-0" AFF. FOR SIZE AND LAYOUT REFER TO PROTOTYPE.
 - PROVIDE TELEPHONE ROUGH-IN MOUNTED @ 45" AFF. (CENTRE-LINE OF OUTLET).
 - TYPICAL.
 - RE-INSTALL AND RECONNECT EXISTING ELECTRICAL EQUIPMENT RETAINED FROM DEMOLITION AND PROVIDE NEW TESTERS IN ACCORDANCE WITH NEW SINGLE LINE DRAWING. VERIFY EXISTING EXISTING TO BEHOLD CIRCUITS RETAINED FROM DEMOLITION. COORDINATE EXISTING EQUIPMENT LAYOUT ON SITE PRIOR TO BEGINNING WORK.
 - PROVIDE POWER/USE COMBO RECEPTACLES @ 5'-0" TO 10' U/S. EVENLY SPACED.
 - TELEVISION OUTLETS AND DATA TO BE MOUNTED SIDE-BY-SIDE AT 12" AFF. FOR TV EQUIPMENT.
 - VOLUME CONTROL FOR SALES FLOOR TO BE INSTALLED IN A SURFACE MOUNTED BOX 30" AFF. TO U/S. COORDINATE W/ INSTALLATION OF CASH LINE MALLWORK.
 - PROVIDE NEW SURGE PROTECTIVE DEVICE C/W NEW 200V/50A CIRCUIT BREAKER IN PANEL LP-B3 AND CONNECT.
 - PROVIDE (1) ONE DUPLEX RECEPTACLE FOR HAND LIT INTERIOR SIGN (FINAL SIGN HOOKUP BY ELECT).
 - PROVIDE 1" CONDUIT FROM CEILING SPACE THROUGH WALL. CONDUIT TO EXT WALL AT 204 JUNCTION BOX @ 45" AFF. ON PUBLIC CORRIDOR SIDE FOR GAS SYSTEM SECURITY PEDESTAL. CONTACT CHECKPOINT SYSTEMS INSTALLER FOR COORDINATION.
 - PROVIDE TWO (2) OUTLETS MOUNTED @ 42" AND 60" AFF. COORDINATE WITH INSTALLATION OF MALLWORK.
 - PROVIDE G.F.I. OUTLETS MOUNTED @ 42" AFF. COORDINATE WITH INSTALLATION OF MALLWORK. REFER TO 4/A7-2.
 - OUTLETS TO BE INSTALLED ON BACK PANEL OF GARDEN MALLWORK. GC TO PROVIDE 2" BRACKET IN TOP PANEL. MOUNTED TO OUTLETS.
 - PHONE IN SURFACE MOUNTED BOX @ 30" AFF. TO U/S (BACK OF WATERFALL MALLWORK). COORDINATE W/ INSTALLATION OF CASH LINE MALLWORK.
 - VESTIBULE MANAGER'S OFFICE & STAFF SUPPORT ROOM OUTLET INSTALLED BELOW WORK SURFACE @ 1'-0" AFF.
 - ASSISTANT MANAGER'S OFFICE & STAFF SUPPORT ROOM OUTLETS AND DATA TO BE INSTALLED AT 4'-0" AFF. TO CENTERLINE TYP.
 - CHECKPOINT POWER SUPPLY OUTSIDE OF VESTIBULE MOUNTED ON ORIGNAL BEHIND GLAZING AT 8'-0" AFF. (1) DUPLEX OUTLET REQUIRED BY G.C. RECEPTACLE FOR CART LOADING SYSTEM MOUNTED 7'-0" AFF.
 - PROVIDE DATA OUTLET ROUGH-IN FOR "MOTO NEXT SYSTEM".
 - PROVIDE NEW DEDICATED BONDING CONDUCTOR FROM PANEL LP-B3 TO SALT MAIN GROUND IN PP.
 - PROVIDE POWER FOR ILLUMINATED WALL CANNETS. MOUNT HORIZONTALLY AT 70" TO U/S OF RECEPTACLE. ENSURE RECEPTACLES ARE MOUNTED FLUSH TO THE MALLWORK PANELS.
 - G.F.I. RECEPTACLE MOUNTED @ 1'-0" AFF. TO CENTERLINE.
 - PROVIDE DATA RECEPTACLE ROUGH-IN MOUNTED 8'-0" AFF. WHEN INSTALLED WITH CART LOADING AND CHECKPOINT DEVICE. MOUNT MINIMUM 8" AWAY.
 - PROVIDE DUPLEX RECEPTACLE 15" ABOVE CEILING. LEAVE 15'-0" LOOP OF CABLE FOR INTERIOR ROOM CAMERA AND MICROPHONE SYSTEM. FINAL INSTALLATION TO BE COMPLETED BY TUX CANADA LP INSTALLER.
 - PROVIDE THREE DUPLEX OUTLETS FOR TWO DEVICES. ONE @ 8'-0" AFF. ONE @ 7'-0" AFF. AND ONE @ 6'-0" AFF. REFER TO ELECTRICAL DRAWINGS.
 - PUBLIC CORRIDOR CHECKPOINT POWER SUPPLY FOR WALL MOUNTED SYSTEM INSTALLED IN CEILING SPACE NO HIGHER THAN 13'-0" AFF. TO BOTTOM AND CONNECTED TO QUAD RECEPTACLE.
 - PROVIDE 120V RECEPTACLE FOR BIG ASS FAN 2'-0" ABOVE TOP OF BAYCON (CONTROLLERS) MOUNTING HEIGHT TO BE VERIFIED WITH BIG ASS FANS.
 - OUTLET IN CEILING SPACE FOR CHECK OUT STORAGE.
 - PROVIDE AND INSTALL 2"x4" OUTLET BOX AT 10'-0" AFF. NEAR CHECKPOINT ELECTRICAL ENCLOSURE. RUN A 3/4" CONDUIT FROM THIS BOX TO A SECOND 2"x4" OUTLET BOX MOUNTED AT 45" AFF. FOR A KEY-WITH (PROVIDED AND INSTALLED BY VENDOR) FOR VESTIBULE INSTALLATION. THE UPPER BOX SHOULD FACE INTO THE SALES AREA AND THE LOWER BOX SHOULD FACE INTO THE VESTIBULE.
 - NEW FLUSH VALVE TRANSFORMER PROVIDED BY MECHANICAL CONTRACTOR. PROVIDE NEW JUNCTION BOX C/W 120V/50A CIRCUIT, CONDUIT AND WIRE NEW TRANSFORMER. COORDINATE WORK ON SITE WITH MECHANICAL CONTRACTOR.

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DATE	REVISION	REF
11/14/24	ISSUED FOR TENDER	5
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08/09/24	ISSUED FOR REVIEW 1	3
08/07/24	ISSUED FOR COORDINATION	2
03/28/24	ISSUED FOR REVIEW	1

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True north

Seal/Scout

Project/Projet

**WINNERS FIT-OUT
ROCKLAND PLAZA**

Drawing/Plan du dessin

**ELECTRICAL
POWER AND SYSTEMS
NEW WORK**

Scale
Échelle

AS NOTED
2024-2021

Design by
C.SMITH

Concep par
C.SMITH

Drawn by
A.TCHACOROM

Dessiné par
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Reviewed by
C.SMITH

Contrôlé par
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E6

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