




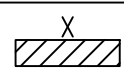





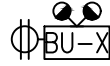



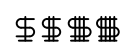

































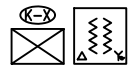

















GENERAL	
	DENOTES CONDUIT TURNING UP IN PLAN VIEW
	DENOTES CONDUIT TURNING DOWN IN PLAN VIEW
	KEY NOTE REFERENCE ('X' DENOTES KEY NOTE NUMBER)
	DETAIL REFERENCE ('X' DENOTES DETAIL NUMBER AND 'E0.00' DENOTES DRAWING NUMBER WHERE DETAIL CAN BE FOUND.)
	SECTION REFERENCE ('X' DENOTES SECTION NUMBER AND 'E0.00' DENOTES DRAWING NUMBER WHERE DETAIL CAN BE FOUND.)

LIGHTING	
	LINEAR LUMINAIRE, TYPE 'X' AS SPECIFIED. HATCHING DENOTES CONNECTION TO EMERGENCY OR NIGHT LIGHT CIRCUIT
	CEILING MOUNTED LUMINAIRE, TYPE 'X' AS SPECIFIED
	WALL MOUNTED LUMINAIRE, TYPE 'X' AS SPECIFIED
	POLE MOUNTED LUMINAIRE, TYPE 'X' AS SPECIFIED
	SINGLE OR DOUBLE SURFACE MOUNTED EMERGENCY LIGHTING REMOTE HEADS, TYPE 'BU-X' INDICATES BATTERY BANK FED FROM
	CEILING MOUNTED EMERGENCY REMOTE HEAD, TYPE 'BU-X' INDICATES BATTERY BANK FED FROM
	EMERGENCY LIGHTING BATTERY UNIT C/W DUPLEX RECEPTACLE AND DOUBLE REMOTE HEADS. TYPE 'BU-X' AS SPECIFIED.
	WALL MOUNTED SINGLE/DOUBLE FACED EXIT SIGN, REMOTE HEADS AND DIRECTIONAL ARROWS AS INDICATED. SHADED AREAS DENOTE DIRECTION OF FACES OF EXIT SIGN
	CEILING MOUNTED SINGLE/DOUBLE FACED EXIT SIGN, REMOTE HEADS AND DIRECTIONAL ARROWS AS INDICATED. SHADED AREAS DENOTE DIRECTION OF FACES OF EXIT SIGN
	FLASHING LIGHT ALARM
	ONE, TWO, THREE, AND FOUR GANG SINGLE POLE. TOGGLE SWITCHES
	SWITCH ('3' DENOTES 3-WAY SWITCH; 'D' DENOTES DIMMER SWITCH; AND 'LV' DENOTES LOW VOLTAGE SWITCH.)
	AUTOMATIC WALL SWITCH, SINGLE GANG, 120V WITH DUAL TECHNOLOGY SENSOR. C/W 0-10V DIMMING ("WATTSTOPPER" CAT#DW-311)
	AUTOMATIC WALL SWITCH, SINGLE GANG, 120V WITH DUAL TECHNOLOGY SENSOR. WATTSTOPPER CAT#DW-100
	LOW VOLTAGE MASTER SWITCH
	SWITCH BANK
	PROGRAMMABLE TIME CLOCK, TYPE 'X' AS SPECIFIED
	AUTOMATIC CEILING MOUNTED OCCUPANCY SENSOR, C/W DUAL OUTPUT RELAY AND POWER PACK
	PHOTOCELL
	CEILING MOUNTED DAYLIGHT SENSOR

POWER	
	15A, 120V DUPLEX RECEPTACLE
	15A, 120V DUPLEX RECEPTACLE ON DEDICATED CIRCUIT. EACH DEDICATED CIRCUIT TO HAVE A SEPARATE NEUTRAL RUN DIRECTLY BACK TO PANEL BOARD.
	15A, 120V DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER (OR HIGH LEVEL)
	15A, 120V DUPLEX RECEPTACLE C/W (2) USB OUTLETS
	15A, 120V SPLIT DUPLEX RECEPTACLE, C/W SEPARATE CIRCUITS (MOUNTED ABOVE COUNTER)
	15A, 120V QUADPLEX RECEPTACLE
	15A, 120V CEILING MOUNTED DUPLEX RECEPTACLE
	20A, T-SLOT RECEPTACLE / ABOVE COUNTER RECEPTACLE
	20A, T-SLOT GROUND FAULT INTERRUPTING RECEPTACLE / ABOVE COUNTER RECEPTACLE
	15A, 120/208V SIMPLEX RECEPTACLE, NEMA 6-15R
	DIRECT CONNECTION AS NOTED
	HARD WIRE CONNECTION TO SYSTEM FURNITURE ('C' DENOTES CEILING CONNECTION, 'F' DENOTES FLOOR CONNECTION, 'W' DENOTES WALL CONNECTION. REFER TO DETAILS ON E6.00 SERIES DRAWINGS.
	ELECTRICAL STUB UP FOR DATA, AUDIO VISUAL (A.V.) AND POWER. REFER TO DETAILS ON E.600 SERIES DRAWINGS.
	ELECTRICAL STUB UP FOR ONE (1) DATA OUTLET, POWER. REFER TO DETAILS ON E.600 SERIES DRAWINGS.
	ELECTRICAL FLOOR BOX COMPLETE WITH TWO (2) DATA PORTS AT KEYSTONE OPENINGS AND ONE (1) DUPLEX RECEPTACLE
	ELECTRICAL FLOOR BOX COMPLETE WITH ONE (1) 20A, 120V DUPLEX RECEPTACLE.
	ELECTRICAL FLOOR BOX COMPLETE WITH ONE (1) 20A, 120V DUPLEX RECEPTACLE, TWO (2) DATA OUTLETS, 1 USB-3.1 OUTLET.
	ELECTRICAL FLOOR BOX COMPLETE WITH TWO (2) 20A, 120V DUPLEX RECEPTACLE, TWO (2) DATA OUTLETS, 1 USB-3.1 OUTLET.
	DISTRIBUTION PANEL
	SURFACE MOUNTED RECEPTACLE PANEL
	FLUSH MOUNTED RECEPTACLE PANEL
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MOTOR STARTER / VFD (STARTER/VFD TO BE SUPPLIED BY OTHERS. INSTALLED BY DIV. 26)
	600V-120/208V 3ø 4W TRANSFORMER UNLESS OTHERWISE NOTED. X DENOTES TRANSFORMER K RATING
	MOTOR CONNECTION
	CIRCUIT BREAKER
	FUSIBLE DISCONNECT SWITCH
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER
	JUNCTION BOX

FIRE ALARM SYSTEM	
	FIRE ALARM PULL STATION (MOUNTED +1200 AFF)
	FIRE ALARM STROBE LIGHT WALL OR CEILING MOUNTED
	FIRE ALARM BELL
	FIRE ALARM ELECTRONIC HORN/SPEAKER WALL OR CEILING MOUNTED
	FIRE ALARM ELECTRONIC HORN/SPEAKER STROBE LIGHT COMBINATION UNIT WALL OR CEILING MOUNTED
	SMOKE DETECTOR WALL OR CEILING MOUNTED
	HEAT DETECTOR - FIXED TEMP WALL OR CEILING MOUNTED
	HEAT DETECTOR - RATE OF RISE WALL OR CEILING MOUNTED
	DUCT MOUNTED SMOKE DETECTOR
	SINGLE STATION TYPE SMOKE DETECTOR WALL OR CEILING MOUNTED; C/W RED INDICATION LIGHT
	SINGLE STATION TYPE SMOKE/CARBON MONOXIDE DETECTOR WALL OR CEILING MOUNTED; C/W RED INDICATION LIGHT
	CARBON MONOXIDE DETECTOR WALL OR CEILING MOUNTED
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	ADDRESSABLE RELAY
	ADDRESSABLE MODULE
	SPRINKLER SUPERVISED VALVE BY DIV. 23. FIRE ALARM CONNECTION BY DIV. 26.
	SPRINKLER LINE FLOW SWITCH BY DIV. 23. FIRE ALARM CONNECTION BY DIV. 26.
	SPRINKLER LOW PRESSURE SWITCH
	EXCESS PRESSURE PUMP - LOSS OF POWER
	SMOKE DAMPER FIRE ALARM CONNECTION
	FAN SHUT DOWN RELAY

SECURITY	
	DOOR CONTACT. PROVIDE 3/4" CONDUIT TO SECURITY CONTROL PANEL
	MAGLOCK. DE-ENERGIZE UPON ACTIVATION OF FIRE ALARM SYSTEM. DIV. 26 TO PROVIDE ROUGH-IN, WIRING, POWER AND FIRE ALARM CONNECTION. PROVIDE 3/4" CONDUIT TO SECURITY CONTROL PANEL
	ELECTRIC STRIKE. PROVIDE 3/4" CONDUIT TO SECURITY CONTROL PANEL
	CARD READER. PROVIDE 3/4" CONDUIT TO SECURITY CONTROL PANEL
	KEY PAD. PROVIDE 3/4" CONDUIT TO SECURITY CONTROL PANEL
	MOTION DETECTOR. PROVIDE 3/4" CONDUIT TO SECURITY CONTROL PANEL
	REQUEST TO EXIT AUTOMATIC SENSOR. PROVIDE 3/4" CONDUIT TO SECURITY CONTROL PANEL
	CLOSED CIRCUIT CAMERA; 'PTZ' DENOTES PAN/TILT/ZOOM
	GLASS BREAK SENSOR

ELECTRICAL DRAWING LIST						
DWG NO.	DRAWING NAME	SCALE	FORMAL ISSUANCES			
			2025-08-08 ISSUED FOR REVIEW	2025-08-08 ISSUED FOR TENDER & PERMIT	2025-09-04 ISSUED FOR TENDER	
E0.00	ELECTRICAL LEGEND & DRAWING LIST	N.T.S	•	•	•	
E0.01	ELECTRICAL SPECIFICATIONS (1 OF 2)	N.T.S	•	•	•	
E0.02	ELECTRICAL SPECIFICATIONS (2 OF 2)	N.T.S	•	•	•	
E1.01	ELECTRICAL DEMO PLAN	$\frac{1}{4}"=1'-0"$	•	•	•	
E2.01	PROPOSED ELECTRICAL PLAN	$\frac{3}{8}"=1'-0"$	•	•	•	
E3.01	---	N.T.S				
E4.01	---	N.T.S				
E5.01	PANEL SCHEDULES	N.T.S	•	•	•	
E6.01	ELECTRICAL DETAIL AND RISER	N.T.S	•	•	•	

ABBREVIATIONS	
AFFL	ABOVE FINISHED FLOOR LEVEL
BOF	BOTTOM OF FIXTURE
C	CONDUIT
CCT	CIRCUIT
CLG	CEILING
C/W	COMPLETE WITH
EBU	EMERGENCY LIGHTING BATTERY UNIT
EC	EMPTY CONDUIT
ELEC	ELECTRICAL
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
GRN	GROUND
JB	JUNCTION BOX
NL	NIGHT LIGHT
NTS	NOT TO SCALE
R	EQUIPMENT TO BE REMOVED
R/R	TO BE REMOVED & REINSTALLED
ER	EXISTING EQUIPMENT TO BE RELOCATED
FPR	FIRE PROTECTION ROOM
FUT	FUTURE
EX	EXISTING TO REMAIN
RP	ITEM IN RELOCATED POSITION
HK	HOUSE KEEPING
HL	DEVICE MOUNTED AT HIGH LEVEL
TC	DIGITAL ASTRONOMICAL TIME CLOCK
TPP	TYPICAL FOR ALL
WG	WIRE GUARD
WP	DEVICE TO BE WEATHER PROOF

CIRCUIT KEY	
<p>PANEL AND CIRCUIT NUMBER DESIGNATION:</p> <p>RP-GRAB.1</p> <p>———— LIGHTING ZONE SWITCHABLE GROUPING</p> <p>———— CIRCUIT NUMBER</p> <p>———— PANEL NUMBER</p> <p>FED FROM :</p> <p>RECEPTACLE PANEL (R) EMERGENCY PANEL (E) LIGHTING PANEL (L) MECHANICAL PANEL (M)</p> <p>———— PANEL LOCATION (LEVEL/FLOOR):</p> <p>P1 PARKING LEVEL 1 G GROUND FLOOR M MEZZANINE 2 SECOND FLOOR</p> <p>PANEL TYPE: RP-120V RECEPTACLE LP-120V LIGHTING MP-120V MECHANICAL PANEL PP-120/208V DISTRIBUTION DP-347/600V DISTRIBUTION MDP-600V MECHANICAL DISTRIBUTION KP-KITCHEN EQUIPMENT SP – SPLITTER</p> <p>LAST DIGITS ONLY SHOWN ON FLOOR PLANS (TYPICAL UNLESS NOTED OTHERWISE).</p>	

LIGHTING FIXTURE SCHEDULE								
TYPE	MARK	TYPE	DESCRIPTION	MOUNTING HEIGHT	LAMP	MANUFACTURER	MODEL	COMMENTS
L1		4" POTLIGHT	NON-DIMMABLE - 3500K	RECESSED	SKYE	LITELINE	SKYE 4"	FIXTURE COLOR: WHITE
EX		EXISTING 6" POTLIGHT	EXISTING TO REMAIN	EXISTING RECESSED	EXISTING	EXISTING	EXISTING	VERIFY LIGHT CONDITION. REPAIR/REPLACE IF NECESSARY

BASEBOARD HEATER SCHEDULE							
FOR REFERENCE ONLY AND SUBJECT TO OWNER APPROVAL							
TYPE	MARK	COUNT	TYPE	DESCRIPTION	PRODUCT NUMBER	MANUFACTURER	COMMENTS
1		2	BASEBOARD HEATER	1000 WATTS	OFM1000-THACD	OUELLET	STAINLESS STEEL AND MOISTER RATED
2		2	BASEBOARD HEATER	500 WATTS	OFM500-THACD	OUELLET	STAINLESS STEEL AND MOISTER RATED

EMERGENCY BATTERY / REMOTE HEAD SCHEDULES				
TAG	DESCRIPTION			
'X1'	TYPE: SINGLE OR DOUBLE FACE EMERGENCY PICTOGRAM RUNNING MAN SIGN. RECESSED MOUNT ABOVE DOOR OPENING OR ON FINISHED CEILING AS REQUIRED. HOUSING CONSTRUCTED FROM DURABLE 20 GAUGE STEEL. INDICATORS SHALL BE SELECTED TO SUIT LIGHTING LAYOUT.			
	MANUFACTURER	MODEL	LAMP	COMMENTS
	BEGHELLI CANADA CORPORATION	SL-RM-SP-L-U-QLR-M	LED	
	STANPRO LIGHTING SYSTEMS	RMS-O-WH-IB	LED	
'X1/R2'	TYPE: SINGLE FACE EMERGENCY PICTOGRAM RUNNING MAN SIGN RECESSED MOUNTED ABOVE DOOR OPENING OR ON FINISHED CEILING AS REQUIRED C/W DUAL REMOTE HEAD. HOUSING CONSTRUCTED FROM DURABLE 20 GAUGE STEEL. INDICATORS SHALL BE SELECTED TO SUIT LIGHTING LAYOUT.			
	MANUFACTURER	MODEL	LAMP	COMMENTS
	BEGHELLI CANADA CORPORATION	SL-RM-12-36-L-U-QLR-M-28TMR-7W-120/347V	LED / 2 X 7W	
	STANPRO LIGHTING SYSTEMS	PRMS10360-2W7LA	LED / 2 X 7W	
'BUX/R2'	TYPE: EMERGENCY REMOTE LIGHT SINGLE/DOUBLE HEAD BATTERY COMBINATION UNIT. SUSPEND FROM CEILING OR WALL MOUNTED.			
	MANUFACTURER	MODEL	LAMP	COMMENTS
	BEGHELLI CANADA CORPORATION	NV-24V-360W-BTMR2-LED-MR16-7W	360W, 2X7, 24V LED-MR16	
	STANPRO LIGHTING SYSTEMS	SLC-24360-2W7LA	360W, 2X7, 24V LED-MR16	
'R2/R3'	TYPE: EMERGENCY REMOTE LIGHT SINGLE/DUAL HEAD CEILING MOUNTED OR WALL MOUNTED OR 1'-0" BELOW DROPPED CEILING.			
	MANUFACTURER	MODEL	LAMP	COMMENTS
	BEGHELLI CANADA CORPORATION	BTMR2-LED-MR16-24V-7W	LED / 2 X 7W	
	STANPRO LIGHTING SYSTEMS	M2-12-24-7W-LA	LED / 2 X 7W	

IMPORTANT NOTES:

- QUANTITY OF EMERGENCY LIGHTING FIXTURES SHOWN IS THE MINIMUM REQUIRED. ADDITIONAL FIXTURES MAY BE REQUIRED BY LOCAL AUTHORITIES, INCLUDE IN THIS CONTRACT FOR SUPPLY WIRING AND INSTALLATION OF ADDITIONAL (2) EXIT LIGHTS AND (3) DUAL REMOTE HEADS.
- WIRING FOR DC CIRCUITS SHALL BE MIN. #10 AWG. FOR DISTANCES GREATER THAN 120', RUN #8 AWG.
- CONFIRM VOLTAGE DROP AT THE END OF EACH DC BRANCH CIRCUIT AND ENSURE IT DOES NOT EXCEED MAX. 5% ALLOWABLE DROP. ADEQUATELY DISTRIBUTE LOAD ON EACH BRANCH DC CIRCUIT TO ACHIEVE THIS REQUIREMENT.

[illegible]

GENERAL INSTRUCTIONS, & BASIC MATERIALS & METHODS

BRASS OR BRUSHED STAINLESS STEEL ESCUTCHEON PLATES TIGHT AGAINST THE BUILDING SURFACE TO COMPLETELY COVER BOTH ENDS OF THE SLEEVE.

AND EQUIPMENT SERVING THE EXISTING AND NEW AREAS AND PARTICULARLY WHERE WIRING AND ELECTRICAL EQUIPMENT HAVE BECOME EXPOSED TO



ELECTRICAL SPECIFICATIONS CONTINUED



33.3. OR NATURAL GAS SERVICE PIPING PROVIDE A #6 GREEN INSULATED GROUND CONDUCTOR INSTALLED IN ACCORDANCE WITH THE OESC & THE ONTARIO GAS UTILIZATION CODE.

34. SPLITTER TROUGH, JUNCTION, PULL, AND OUTLET BOXES

34.1. SPLITTER TROUGH: PROVIDE TYPE STEEL SPLITTER TROUGH IN ACCORDANCE WITH CSA C22.2 NO. 76 WHERE INDICATED ON DRAWING PLANS, SCHEDULES, & DETAILS. ENCLOSURES ARE TO BE NEMA/IEE MAC TYPE 2 IN SPRINKLERED AREAS & TYPE 1 ELSEWHERE. RIGIDLY SECURE THE SPLITTER TROUGH IN PLACE, LEVEL AND PLUMB. ENSURE THAT THE SPLITTER TROUGH ITSELF, AND ALL BRANCH CIRCUITS, ARE PROPERLY IDENTIFIED.

34.2. PULL BOXES & JUNCTION BOXES: PROVIDE CSA CERTIFIED ACCESSIBLE PULL BOX IN CONDUIT SYSTEMS WHEREVER SHOWN ON THE DRAWINGS, AND/OR WHEREVER NECESSARY TO FACILITATE CONDUIT INSTALLATIONS. PROVIDE CSA CERTIFIED ACCESSIBLE JUNCTION BOXES WHEREVER REQUIRED AND/OR INDICATED ON THE DRAWINGS. BOXES IN RIGID CONDUIT & EMT INSIDE THE BUILDING ARE TO BE STAMPED GALVANIZED OR PRIME COATED STEEL. BOXES IN EXTERIOR RIGID CONDUIT ARE TO BE "CONDULETE" CAST ALUMINUM GASKETED BOXES, & BOXES IN PVC CONDUIT ARE TO BE RIGID PVC BOXES. ACCURATELY LOCATE & IDENTIFY CONCEALED PULL BOXES & JUNCTION BOXES ON "AS-BUILT" RECORD DRAWINGS.

34.3. OUTLET BOXES: PROVIDE AN OUTLET BOX FOR EACH LUMINAIRE, WIRING DEVICE, TELEPHONE OUTLET, FIRE ALARM SYSTEM COMPONENT, COMMUNICATIONS SYSTEMS COMPONENT, & ALL OTHER SUCH OUTLETS. OUTLET BOXES FLUSH MOUNTED IN INTERIOR CONSTRUCTION, SURFACE MOUNTED IN CONCEALED INTERIOR LOCATIONS, & SURFACE MOUNTED IN EXPOSED INTERIOR LOCATIONS WHERE THE CONNECTING CONDUIT IS EMT ARE TO BE STAMPED GALVANIZED STEEL OUTLET BOXES. OUTLET BOXES FOR SURFACE MOUNTED FOR EXTERIOR LIGHTING, RECEPTACLES, & OTHER DEVICE OUTLETS, BOXES FLUSH MOUNTED IN EXTERIOR BUILDING SURFACES, & BOXES MOUNTED IN INTERIOR DEVICE LOCATIONS WHERE THE CONNECTING CONDUIT IS RIGID, & FOR BOXES IN PERIMETER WALLS WHERE INSULATION & VAPOUR BARRIER IS PRESENT, ARE TO BE "FS" OR "FD" SERIES CAST BOXES, CAST IRON INSIDE THE BUILDING, CAST ALUMINUM OUTSIDE THE BUILDING.

35. WIRING DEVICES

35.1. PROVIDE WIRING DEVICES WHERE SHOWN/SPECIFIED. WIRING DEVICES ARE TO BE CSA CERTIFIED AS A MINIMUM, IN ACCORDANCE WITH CAN/CSA C22.2 NO. 42, GENERAL USE RECEPTACLE, ATTACHMENT PLUGS AND SIMILAR WIRING DEVICES, CAN/CSA C22.2 NO. 42.1, COVER PLATES FOR FLUSH MOUNTED DEVICES, & CSA C22.2 NO. 111, GENERAL USE SNAP SWITCHES. WHEREVER POSSIBLE, ALL WIRING DEVICES ARE TO BE SUPPLIED BY THE SAME MANUFACTURER. ACCEPTABLE MANUFACTURERS ARE HUBBELL CANADA, COOPER INDUSTRIES (ARROW HART), LEGRAND/PASS & SEYMOUR, & LEVITON CANADA.

35.2. CONFIRM EXACT LOCATIONS, INCLUDING MOUNTING HEIGHTS PRIOR TO ROUGHING-IN. FOR BARRIER-FREE MOUNTING HEIGHTS FOR DEVICES, CONFORM TO CODE REQUIREMENTS. CONFIRM SWITCH, RECEPTACLE & FACEPLATE TYPES, COLOURS & FINISHES PRIOR TO ORDERING. ENSURE THAT SWITCHES LOCATED ADJACENT TO DOORS ARE LOCATED AT THE STRIKE SIDE OF THE DOOR. PROVIDE FIRE RATED GASKETS IN OUTLET BOXES FOR SWITCHES & RECEPTACLES LOCATED IN FIRE RATED CONSTRUCTION. WHEN INSTALLATION IS COMPLETE, TEST OPERATION OF DEVICES.

36. PANELBOARDS

36.1. PROVIDE PANELBOARDS AS SCHEDULED WHERE SHOWN. WALL MOUNT PANELBOARDS INDEPENDENT OF CONNECTED CONDUIT. ACCURATELY INSTALL WITH REFERENCE TO WALL FINISH & CONFIRM EXACT LOCATIONS PRIOR TO ROUGHING-IN.

36.2. PANELBOARDS: DEAD FRONT, FACTORY ASSEMBLED, DESIGNED FOR SEQUENCE PHASE CONNECTION OF BRANCH CIRCUIT DEVICES, IN ACCORDANCE WITH CAN/CSA - C22.2 NO. 29. COMPLY WITH OESC RULE 14-014 WITH REGARDS TO SERIES RATED COMBINATIONS OF OVER-CURRENT PROTECTIVE DEVICES & ENSURE THAT EQUIPMENT IN WHICH THE LOWER RATED DEVICES ARE INSTALLED ARE MARKED WITH A SERIES COMBINATION INTERRUPTING RATING AT LEAST EQUAL TO THE AVAILABLE FAULT CURRENT. EACH PANELBOARD IS TO BE C/W SILVER PLATED, ELECTRICAL GRADE, 95% CONDUCTIVITY COPPER BUS MAINS, A REMOVABLE COVER FOR MAIN LUGS, AN EEMAC 2 ENCLOSURE EQUIPPED WITH, FOR PANELBOARDS IN AREAS OTHER THAN SECURE ELECTRICAL, ETC. ROOMS, A CONCEALED HINGED DOOR & FLUSH LATCH WITH KEYS ALIKE LOCK, & CIRCUIT BREAKERS OR FUSED SWITCHES (AS SCHEDULED) AS PER CSA-C22.2 NO. 5, & FOR DEDICATED BREAKERS, HANDLE LOCK DEVICES. ACCEPTABLE MANUFACTURERS ARE EATON CANADA, SCHNEIDER ELECTRIC CANADA, & SIEMENS ELECTRIC CANADA.

36.3. PANELBOARD SHALL BE COMPLETE WITH BREAKERS, SPARES AND SPACES AS SHOWN ON DRAWINGS. SPARES SHALL BE COMPLETE BREAKERS. SPACES SHALL INCLUDE NECESSARY BUS WORK SUCH THAT OWNER, AT A LATER DATE, NEED BUY ONLY BREAKERS.

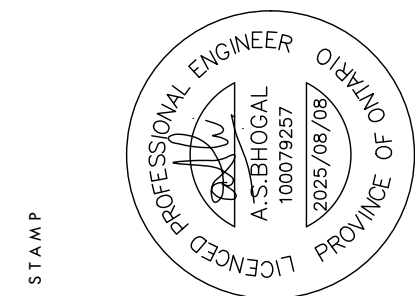
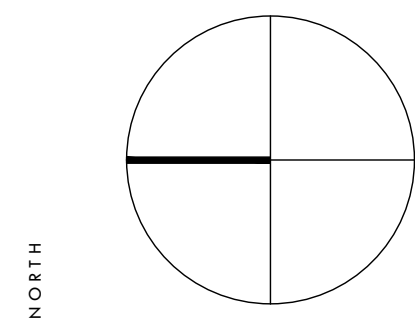
36.4. ALL PANELBOARDS SHALL BE FULLY RATED UNLESS NOTED OTHERWISE.

36.5. BUSSWORK SHALL BE BRACED TO INTERRUPTING RATING OF MAIN PROTECTIVE DEVICE.

36.6. MOLDED CIRCUIT BREAKERS SHALL BE QUICK-MAKE, QUICK-BREAK, BOLTED CONNECTION HUB MOLDED CASE TYPE WITH THERMAL MAGNETIC TRIPS AND INTERRUPTING CAPACITY AS SHOWN ON DRAWINGS.

36.7. DISTRIBUTION PANELBOARDS: EACH PANELBOARD IS TO BE C/W MAIN & BRANCH CIRCUIT CONDUCTOR SOLDERLESS LUGS APPROVED FOR COPPER CONDUCTORS, NEUTRAL BUS & MAIN LUGS AT THE SAME END, & A REMOVABLE COVER FOR MAIN LUGS.

36.8. BRANCH CIRCUIT PANELBOARDS: BREAKER TYPE BRANCH CIRCUIT PANELBOARDS ARE TO BE C/W DOUBLE NEUTRAL, MAIN & BRANCH CIRCUIT CONDUCTOR SOLDERLESS SET-SCREW TYPE LUGS APPROVED FOR COPPER CONDUCTORS, & MYLAR CIRCUIT BREAKER IDENTIFICATION STRIPS SECURED IN PLACE.

[illegible][illegible]ELECTRICAL SPECIFICATIONS
(2OF 2)

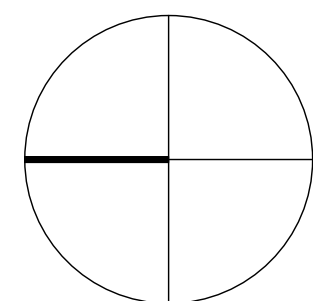
WASHROOM RENOVATION

LAVAL COMMUNITY CENTRE
475 SALISBURY ST
OSHAWA ON L1J 6L9

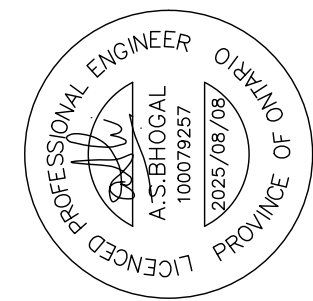
SCALE	As indicated
DATE	6/26/2025
DRAWN	MB
CHECKED	AB
PROJECT NUMBER	25-076
SHEET	

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NORTH



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NO	DESCRIPTION	DATE
1	ISSUED FOR COORDINATION	2025.06.26
2	ISSUED FOR PERMIT & TENDER	2025.08.08
3	ISSUED FOR TENDER	2025.09.04

DEMOLITION PLAN

WASHROOM RENOVATION

LAVAL COMMUNITY CENTRE
475 SALISBURY ST
QOSHAWA ON L1J 6L9

SCALE	As indicated
DATE	6/26/2025
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E1.01

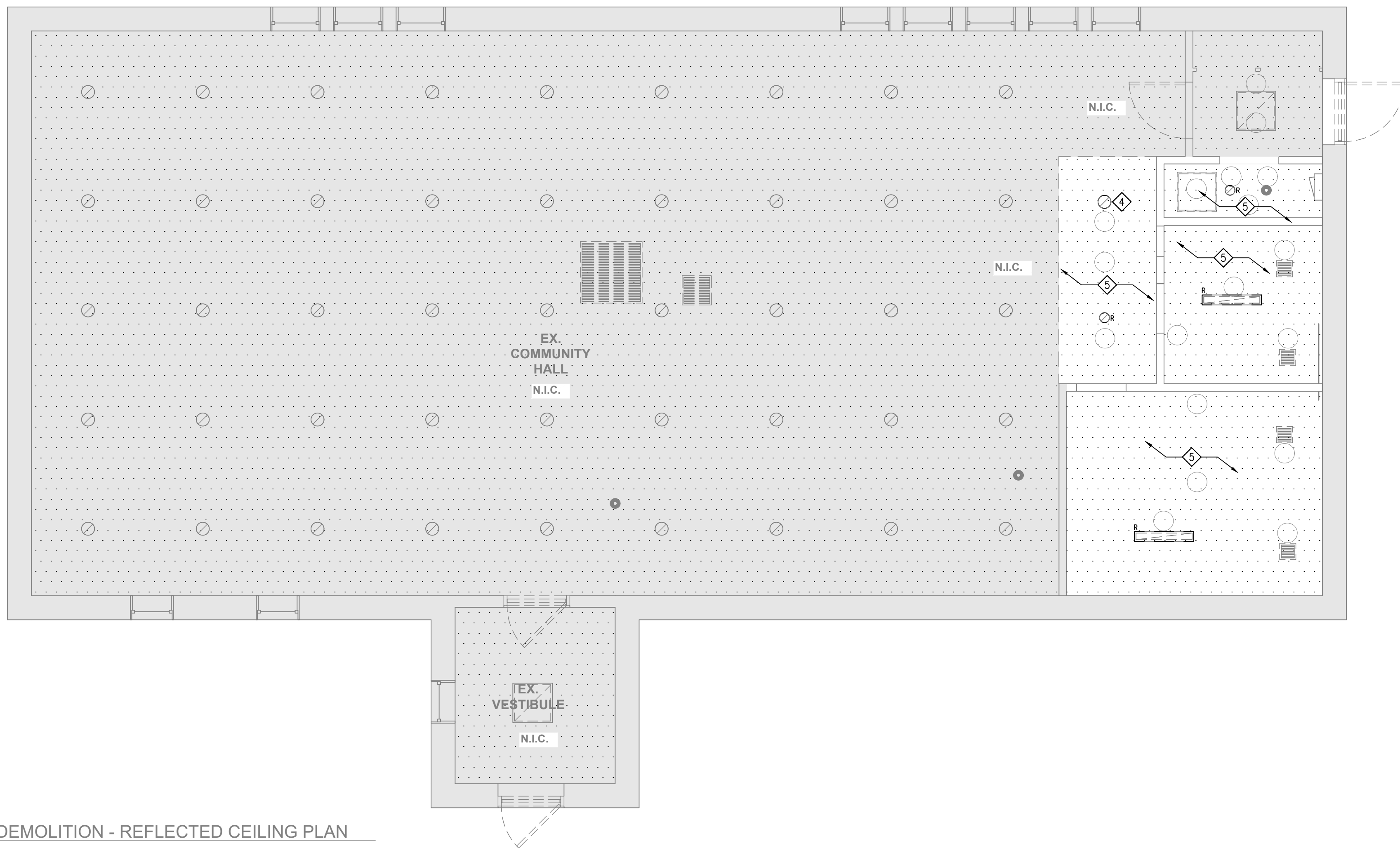
KEY NOTES:

- | | |
|---|---|
| ① | EXISTING PANEL BOARD, SPLITTER AND DISTRIBUTION EQUIPMENT SHALL REMAIN. |
| ② | REMOVE BRANCH WIRING TO EXISTING HOT WATER TANK. HWT SHALL BE RE-WIRED REEFER TO DRAWING E3.01. |
| ③ | DISCONNECT AND REMOVE ALL RECEPTACLES AND MISCELLANEOUS ELECICAL DEVICES IN THE WALLS BEING REMOVED. QUANTITY OF RECEPTACLES TO BE FIELD VERIFIED DURING SITE WALK THROUGH. |
| ④ | DISCONNECT AND REMOVE ALL EXISTING LUMINARIES AND LIGHT SWITCHES WITHIN THE SCOPE OF WORK AREA. LUMINARIES TO BE FIELD VERIFIED DURING SITE WALK THROUGH. |
| ⑤ | REMOVE AND REINSTALL EXISTING SMOKE ALARMS WITHIN THE SCOPE OF WORK AREA . FIELD VERIFY THE LOCATION AND QUANTITY OF SMOKE ALARMS |

DEVOLUTION NOTES (BY THIS CONTRACTOR):

1. THIS CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING ELECTRICAL EQUIPMENT AND DEVICES, INCLUDING (BUT NOT LIMITED TO) THE FOLLOWING UNDER THE SCOPE OF WORK:
 - 1.1. REMOVE ALL REDUNDANT CONDUITS, BRANCH WIRING, OUTLETS, LUMINAIRES, EMERGENCY LIGHTING, ETC. FROM CEILINGS AND WALLS BEFORE DEMOLITION OF THE BUILDING BEGINS TO PROCEED TO PANELS/GROUNDS.
 - 1.2. REMOVE ALL REDUNDANT TELECOMMUNICATION WIRING, BARS TO THE ENTRY POINTS.
2. ELECTRICAL EQUIPMENT TO BE REMOVED MUST BE ISOLATED & DISCONNECTED AT THE SOURCE PRIOR TO REMOVAL. OPERATIONS DURING ISOLATION & DISCONNECTION PROCEDURES DURING TAGS MUST BE USED TO IDENTIFY ANY FEEDERS OR EQUIPMENT REMAINING ENERGIZED TO ACCOMMODATE NEW CONSTRUCTION.
3. ALL WIRING A CONDUIT FOR EXISTING ELECTRICAL EQUIPMENT BEING REMOVED OR RELOCATED MUST BE REMOVED TO THE SOURCE OF POWER OR DISCONNECTED FROM THE SOURCE OF POWER & ISOLATED FOR RE-USE OR PROPER WRITTEN APPROVAL HAS BEEN RECEIVED FROM ENGINEER ALLOWING RE-USE.
4. DISCONNECT & REMOVE THE EXISTING EQUIPMENT AS IDENTIFIED ON SITE. PORTIONS OF EXISTING CIRCUITS OR EQUIPMENT SHALL REMAIN EITHER DISCONNECTED FROM THE SOURCE OF POWER OR PERMANENTLY TO ACCOMMODATE EQUIPMENT & DEVICES BEYOND THE LIMITS OF RENOVATION WORK MUST BE MADE GOOD.
5. ALL EXISTING EQUIPMENT BEING REMOVED SHALL BE FIRST OFFERED TO THE OWNER. ANY EQUIPMENT NOT REQUIRED FOR THE PROJECT SHALL BE DESTROYED OR RECYCLED IN ACCORDANCE WITH THE APPROPRIATE REGULATORY AGENCY.
6. ALL WORK TO BE DONE IN ACCORDANCE WITH ESA REGULATORY APPROVAL FROM BASE BUILDING AUTHORITY SHALL BE REQUIRED PRIOR TO COMMENCING ANY WORK UNDER PREMISES AND WHEN ALTERATION OF EXISTING BASE BUILDING SERVICES IS REQUIRED.
7. A SITE VISIT IS MANDATORY FOR CONTRACTORS GROUNDING ON THIS PROJECT TO CONFIRM EXACT EVIDENCE OF DEMOLITION OF EXISTING EQUIPMENT, COORDINATE WITH GENERAL CONTRACTOR & OWNER AND FIELD VERIFY ALL EXISTING EQUIPMENT AND DEVICES WITHIN THE DEMOLITION AREA REQUIRING REMOVAL.
8. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH MECHANICAL AND ARCHITECTURAL DRAWINGS.
9. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALLOWANCE FOR ANY RE-LOCATION WORK.
10. ALL CONDUITS, WIRING AND DEVICES TO BE REMOVED SHALL BE REMOVED BY THE CONTRACTORS' COST.
11. WHEN REMOVING FLOOR MOMENTS ELECTRICAL CONTRACTOR SHALL ENSURE THAT OPERATING IS PROPERLY CHARGED.
12. COORDINATE WITH LANDLORD TO CONFIRM IF BASE BUILDING LIGHT FIXTURES REMOVED DURING DEMOLITION AND REMAIN UNDEAD AFTER CONSTRUCTION ARE TO BE GIVEN BACK TO THE LANDLORD.
13. DUE TO THE REMOVAL OF THE ADJACENT WALL, ELECTRICAL CONDUIT AND POWER SUPPLY ROUTING TO THE ELECTRIC WATER HEATER SHALL BE REVEALED ACCORDINGLY. CONTRACTOR SHALL COMPLY WITH THE NEW ROUTING AND ENSURE THE REPAIRS ARE APPLIED.

1 DEMOLITION - FLOOR PLAN
E1.01 1/4" = 1'-0"



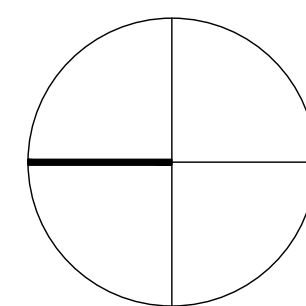
2 DEMOLITION - REFLECTED CEILING PLAN
E1.01 1/4" = 1'-0"

1. CONTRACTOR SHALL REPLACE ALL EXISTING RED EXIT SIGNS WITH GREEN RUNNING MAN TYPE FIELD VERIFY AND MATCH THE EXISTING SUPPLY VOLTAGES TO THE SIGNS. INCLUDE COST TO REPLACE A MINIMUM OF FIVE SIGNS. FIELD VERIFY THE EXACT QUANTITY OF EXISTING SIGNS DURING THE SITE WALK THROUGH.

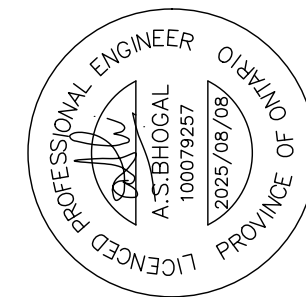
1	PROVIDE WASHROOM DISTRESS SYSTEM. REFER TO DETAIL #1 ON DRAWING E6.01.
2	EXHAUST FAN CONTROLLED VIA THE OCCUPANCY SENSOR IN THIS ROOM. PROVIDE THE NECESSARY POWER PACK AND WIRING.
3	1KW 240V 1PH BASEBOARD HEATER @ L/L C/W BUILT-IN ADJUSTABLE THERMOSTAT TO BE SUPPLIED & INSTALLED BY DIVISION-26. CONTRACTOR SHALL ENSURE THE SELECTED BBH ARE MOISTURE RATED.
4	0.5KW 240V 1PH BASEBOARD HEATER @ L/L C/W BUILT-IN ADJUSTABLE THERMOSTAT TO BE SUPPLIED & INSTALLED BY DIVISION-26. CONTRACTOR SHALL ENSURE THE SELECTED BBH ARE MOISTURE RATED.
5	PROVIDE 15A, 120V POWER CONNECTION FOR INFRA-RED CONTROLLED WASHROOM DEVICES. ALL CONDUIT, WIRING, TRANSFORMERS, AND TERMINATION BEYOND THIS CONNECTION TO BE BY PLUMBING CONTRACTOR.



NORTH



STAMP



3	ISSUED FOR TENDER	2025.09.04
2	ISSUED FOR PERMIT & TENDER	2025.09.08

WASHROOM RENOVATION

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475 SALISBURY ST
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