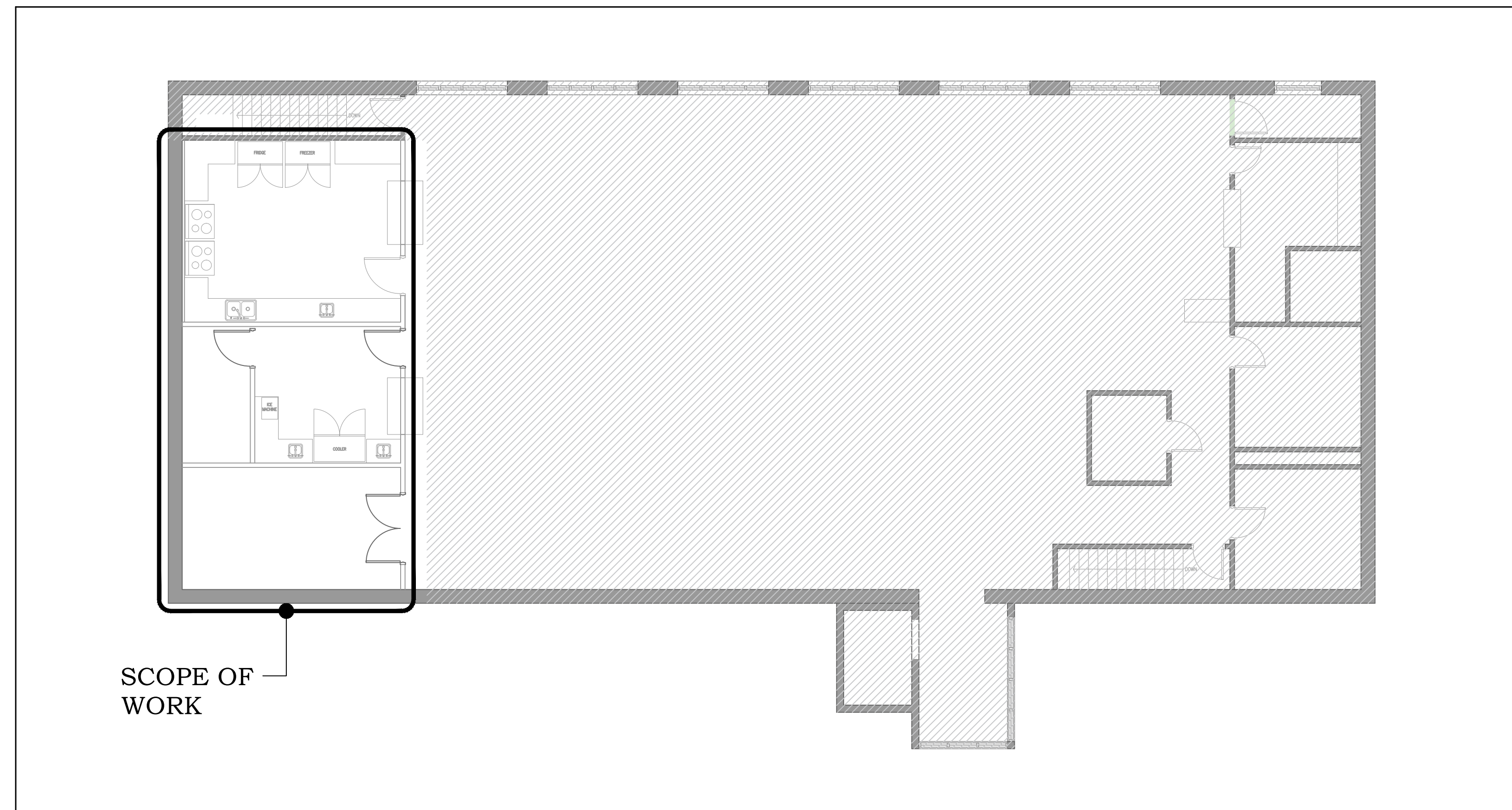


# TOWNSHIP OF BROCK

176 MAIN STREET  
2ND FLOOR  
BEAVERTON, ON  
LOK 1A0

## ELECTRICAL DRAWINGS

DRAWING LIST	
NUMBER	DESCRIPTION
E-1	COVER SHEET
E-2	SPECIFICATIONS AND LEGEND
E-3	PART SECOND FLOOR – DEMOLITION LIGHTING, DEMOLITION POWER & SYSTEMS, LIGHTING, AND POWER & SYSTEMS PLANS



**SECOND FLOOR – KEY PLAN**  
SCALE: N.T.S.

NO.	ISSUES	DATE	BY
01	ISSUED FOR PERMIT	2024.10.25	Q.H.

NO.	REVISIONS	DATE	BY

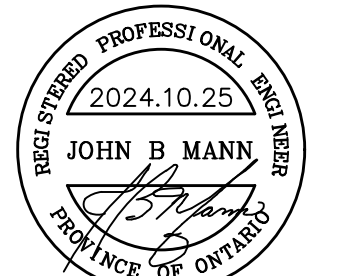
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**CONSULTANT**



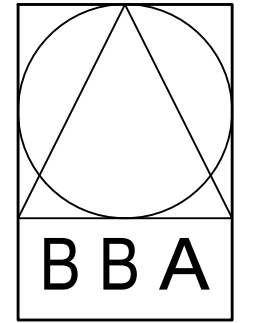
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**PROJECT:**  
**TOWNSHIP OF BROCK**  
176 MAIN STREET  
BEAVERTON, Ontario  
LOK 1A0

**DRAWING:**  
**COVER SHEET**



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**NORTH ARROW**

DESIGN BY: D.C.	DOC CONTROL DATE:
DRAWN BY: D.C.	% COMPLETE:
CHECKED BY: Q.H.	NETAL:
DATE: OCTOBER 2024	
SCALE:	
FILE: 24249-TownshipOfBrock-Elec.dwg	

**PROJECT NO:**  
**24249**

**DRAWING NO:**  
**E-1**

LUMINAIRE SCHEDULE	
SYMBOL	DESCRIPTION
	NEW 2'x4' RECESSED LED LUMINAIRE MANUFACTURER: TYPE: LAMP: PRODUCT CODE: DIMMING: FINISH:
	NEW 2'x4' SURFACE MOUNTED LED LUMINAIRE MANUFACTURER: TYPE: LAMP: PRODUCT CODE: DIMMING: FINISH:
	NEW RECESSED LED DOWN LIGHT MANUFACTURER: TYPE: SIZE: LAMP: PRODUCT CODE: DIMMING: FINISH:

PANEL DESIGNATION: 'RP-K' <span style="float:right">NEW <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/></span>							
VOLTAGE:		120/208V <input checked="" type="checkbox"/>	347/600V <input type="checkbox"/>	1ø, 3W <input type="checkbox"/>	3ø, 4W <input checked="" type="checkbox"/>		
TYPE:		SQUARE D 'NQ' SERIES		MAINS:		100A <input type="checkbox"/>	225A <input checked="" type="checkbox"/>
LOCATION:		STORAGE ROOM 206		MOUNTING:		FLUSH <input checked="" type="checkbox"/>	SURFACE <input type="checkbox"/>
LOAD DESCRIPTION	BREAKER	CRK	PHASE	CRK	BREAKER	LOAD DESCRIPTION	
FRIDGE RECEPTACLE	20A	1	A	2	20A	COUNTER RECEPTACLE	
FREEZER RECEPTACLE	20A	3	B	4	20A	COUNTER RECEPTACLE	
COUNTER RECEPTACLE	20A	5	C	6	20A	COUNTER RECEPTACLE	
COUNTER RECEPTACLE	20A	7	A	8	15A	EXHAUST HOOD	
STOVE RECEPTACLE	40A	9	B	10	15A	EXHAUST HOOD	
2#8-3/4"C	2P	11	C	12	40A	STOVE RECEPTACLE	
COUNTER GFI RECEPTACLE	20A	13	A	14	2P	2#8-3/4"C	
COUNTER GFI RECEPTACLE	20A	15	B	16	20A	COUNTER GFI RECEPTACLE	
COUNTER GFI RECEPTACLE	20A	17	C	18	20A	COUNTER GFI RECEPTACLE	
ICE MACHINE RECEPTACLE	20A	19	A	20	20A	COUNTER GFI RECEPTACLE	
COUNTER GFI RECEPTACLE	20A	21	B	22	20A	COUNTER GFI RECEPTACLE	
RECEPTACLES	15A	23	C	24	30A	CONDENSER UNIT 'CU-1' AC UNIT 'AC-1'	
LIGHTING	15A	25	A	26	2P	2#10-1/2"C	
SPARE	15A	27	B	28	15A	SPARE	
SPARE	15A	29	C	30	15A	SPARE	
SPARE	15A	31	A	32	15A	SPARE	
SPARE	15A	33	B	34	15A	SPARE	
SPARE	15A	35	C	36	15A	SPARE	
SPACE		37	A	38		SPACE	
SPACE		39	B	40		SPACE	
SPACE		41	C	42		SPACE	

LEGEND	
SYMBOL	DESCRIPTION
	EXISTING 1'x4' SURFACE MOUNTED LUMINAIRE TO BE REMOVED.
	EXISTING RECESSED 2'x2' LUMINAIRE TO BE REMOVED.
	RECESSED DOWNLIGHT LUMINAIRE C/W LED DIMMING DRIVER TO BE CONFIRMED AT A LATER DATE.
	EXISTING CEILING MOUNTED EMERGENCY REMOTE BATTERY HEAD TO BE REMOVED.
	WALL/CEILING MOUNTED DOUBLE EMERGENCY REMOTE HEADS C/W 24 VOLT AND 7 WATT LED LAMP. (BU1) DENOTES WIRED TO BATTERY NO. 1 WITH #10 WIRES. BEGHELLI SMALL THERMOPLASTIC REMOTE SERIES.
	WALL/CEILING MOUNTED SELF POWERED RUNNING MAN (PICTOGRAM) EXIT LIGHT C/W FACES AND DIRECTIONAL ARROWS TO MATCH EXISTING.
	WALL MOUNTED LIGHT SWITCH. (VOLTAGE AS REQUIRED).
	WALL MOUNTED FAN SWITCH AND/OR THERMOSTAT SUPPLIED BY DIVISION 15, INSTALLED AND WIRED BY THIS CONTRACTOR.
	WALL MOUNTED LIGHT SWITCH TO BE REMOVED.
	WALL MOUNTED TWISTLOCK SINGLE RECEPTACLE.
	WALL MOUNTED DUPLEX RECEPTACLE.
	WALL MOUNTED DUPLEX RECEPTACLE ON A SEPARATE CIRCUIT.
	WALL MOUNTED CSA#15/20RA T-SLOT DUPLEX RECEPTACLE.
	WALL MOUNTED CSA#15/20RA T-SLOT DUPLEX RECEPTACLE C/W GROUND FAULT INTERRUPTER RECEPTACLE.
	DENOTES: OUTLET TO BE MOUNTED AT A SPECIFIC HEIGHT. REFER TO INTERIOR DESIGNER DRAWINGS FOR MOUNTING HEIGHT.
	MOTOR CONNECTION TO EQUIPMENT AS SHOWN.
	UNFUSED DISCONNECT SWITCH.
	DIRECT CONNECTION TO EQUIPMENT AS SHOWN.
	WALL MOUNTED FIRE ALARM PULLSTATION.
	WALL MOUNTED FIRE ALARM/STROBE.
	CEILING MOUNTED FIRE ALARM HEAT DETECTOR.
	WALL MOUNTED COMBINED TELEPHONE/DATA OUTLET.
	WALL MOUNTED DATA OUTLET.
	DENOTES: EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
	DENOTES: EXISTING IN RELOCATED POSITION.
	DENOTES: REFER TO DRAWING NOTE No. 1.

ELECTRICAL SPECIFICATION	
<b>1: GENERAL REQUIREMENTS</b>	<p>CONTRACTOR SHALL EXAMINE THE SITE CONDITIONS OF THE PROPOSED WORK, TOGETHER WITH THE WORK OF ALL OTHER TRADES, AND INCLUDE IN THE TENDER PRICE ALL COST FOR WORK, SUCH AS CUTTING AND PATCHING, REROUTING AND REPOSITIONING OF ELECTRICAL EQUIPMENT AND WIRING, ETC., NECESSARY TO ACCOMMODATE OTHER TRADES. THERE WILL BE NO CONSIDERATION FOR EXTRAS FOR FAILURE TO COMPLY WITH THIS ITEM.</p> <p>PROVIDE ALL EQUIPMENT AND LABOUR REQUIRED TO COMPLETE THE WORK AS SHOWN ON THE DRAWINGS.</p> <p>CARRY OUT ALL WORK IN ACCORDANCE WITH THE LATEST APPLICABLE BUILDING CODE AND CSA STANDARD C22-1 AS AMENDED PROVINCIALY, AND LOCAL INSPECTOR'S ADDITIONAL REQUIREMENTS AND INSTRUCTIONS. DO NOT REDUCE THE STANDARD SET BY THESE DRAWINGS BY APPLYING ANY CODES.</p> <p>OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS PRIOR TO COMMENCING THE WORK.</p> <p>WORK SHALL BE IN ACCORDANCE WITH BASE BUILDING STANDARDS.</p> <p>CO-ORDINATE ALL WORK WITH OTHER TRADES.</p> <p>DAMAGE TO ANY SYSTEM OCCURRING DURING EXECUTION OF THE WORK SHALL BE REPAIRED AT NO COST TO OWNER.</p> <p>DO NOTE SCALE ELECTRICAL DRAWINGS FOR MEASUREMENT. REFER TO SITE AND ARCHITECTURAL DRAWINGS.</p> <p>BID PRICE SHALL INCLUDE FOR ALL MODIFICATIONS TO EXISTING BUILDING SYSTEMS AND ANY EXISTING EQUIPMENT AFFECTED BY THE NEW WORK. PROVIDE ALL REQUIRED NEW PRODUCTS TO MATCH EXISTING. MODIFICATIONS TO EXISTING BUILDING SYSTEM BY LANDLORD'S APPROVED CONTRACTOR.</p> <p>INCLUDE IN THE BID PRICE FOR PREMIUM TIME REQUIRED ON WORK WHICH AFFECTS THE NORMAL OPERATION OF THE BUILDING.</p> <p>ALL FIRE ALARM WORK TO BE PERFORMED BY THE LANDLORD'S DESIGNATED FIRE ALARM CONTRACTOR. PRIOR TO BID SUBMISSION THE CONTRACTOR SHALL CONTACT THE THIRD PARTY AND CARRY HIS COSTS WITHIN THE TENDER (IF APPLICABLE).</p> <p>UPON COMPLETION OF ALL FIRE ALARM WORK AND PRIOR TO OCCUPANCY, THE FIRE ALARM DEVICES SHALL BE VERIFIED BY LANDLORD'S THIRD PARTY CONTRACTOR (IF APPLICABLE).</p> <p>ALL CUTTING AND PATCHING REQUIRED SHALL BE PROVIDED BY THIS CONTRACTOR. OBTAIN APPROVAL FROM THE BASE BUILDING OWNER'S REPRESENTATIVE.</p> <p>INTERRUPTION OF EXISTING SERVICES SHALL OCCUR AT TIMES SUITABLE TO THE BUILDING OWNER.</p> <p>INCLUDE FOR CONNECTIONS TO ALL OWNERS EQUIPMENT. COORDINATE PRIOR TO BID.</p> <p>IDENTIFY ALL EQUIPMENT WITH LAMACOID PLATES, BLACK BACKGROUND WITH WHITE LETTERING. SUBMIT WORDING FOR LAMACOID PLATES TO THE CONSULTANT FOR REVIEW PRIOR.</p> <p>SUBMIT FULLY ITEMIZED BREAKDOWN OF MATERIAL, EQUIPMENT AND LABOUR FOR CHANGES TO THE CONTRACT. CONTRACTOR SHALL USE DISCOUNTED TRADER PRICES AND NECA 1 LABOUR RATES FOR ALL CHANGES.</p> <p>BECOME FULLY FAMILIAR WITH THE EXISTING BUILDING AND EQUIPMENT OPERATIONS. PROVIDE ALL REQUIRED PRODUCTS TO MAKE THE NEW WORK FULLY OPERATIONAL AND MEET THE DESIGN INTENT.</p> <p>HAVE ALL FLOOR PENETRATIONS FOR POKE-THROUGH SERVICES APPROVED ON SITE BY THE ARCHITECT, BUILDING OWNER AND STRUCTURAL ENGINEER. INCLUDE THEIR COSTS IN THIS CONTRACT.</p> <p>PROVIDE COPIES OF SHOP DRAWINGS FOR ALL MAJOR EQUIPMENT AND LIGHT FIXTURES. SHOP DRAWING SHALL BE REVIEWED AND STAMPED BY THE CONTRACTOR PRIOR TO SUBMISSION TO THE CONSULTANT.</p> <p>CONTRACTOR TO REFER TO BASE BUILDING CONSTRUCTION MANUAL FOR AFTER HOURS WORK, WORK TO BE DONE BY BASE BUILDING CONTRACTORS, SUITES AND REGULATIONS ETC.</p> <p>REFER TO ARCHITECT DRAWINGS FOR SHOP DRAWING SUBMISSION REQUIREMENTS.</p> <p>CONTRACTOR TO SCAN/XRAY FLOOR FOR EXISTING SERVICES PRIOR TO CUTTING OR TRENCHING THE FLOOR. ALL CUTTING AND TRENCHING SHALL BE COORDINATED AND APPROVED BY THE LANDLORD. ALL ASSOCIATED COSTS SHALL BE CARRIED IN THIS TENDER PRICE. CUTTING AND TRENCHING OF FLOOR SLAB OF ANY PART OF THE BUILDING STRUCTURE TO BE PERFORMED BY LANDLORD'S APPROVED CONTRACTOR.</p> <p>CONTRACTOR TO REFER MEDALLION CORPORATION AND DEMOLITION WASTE MANAGEMENT GUIDELINE FOR ALL GARBAGE AND WASTE MATERIAL.</p>
<b>2: DEMOLITION</b>	<p>DRAWING IS DIAGRAMMATIC, CONTRACTOR SHALL REVIEW DOCUMENTS OF ALL DISCIPLINES AND VISIT THE SITE TO ASCERTAIN COMPLETE EXTENT OF REMOVAL OF EXISTING EQUIPMENT AND WIRING.</p> <p>THIS CONTRACTOR IS RESPONSIBLE FOR REMOVING AND MAKING SAFE ALL CONDUIT, WIRING AND EQUIPMENT RENDERED REDUNDANT BY THIS RENOVATION.</p> <p>ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PROJECT SCHEDULE AND PHASING.</p> <p>TURN OVER TO THE LANDLORD ANY EQUIPMENT WHICH THEY WISH TO RETAIN. REMOVE FROM SITE ALL OTHER MATERIAL UNLESS OTHERWISE NOTED. ALL EQUIPMENT TO BE RE-USED SHALL BE CAREFULLY REMOVED AND STORED FOR RE-INSTALLATION.</p> <p>DISCONNECT AND REMOVE POWER WIRING TO EQUIPMENT OF OTHER DISCIPLINES WHERE SUCH EQUIPMENT IS BEING REMOVED. SEE MECHANICAL.</p> <p>ADVISE LANDLORD'S TELEPHONE CONTRACTOR OF ANY EXISTING TELEPHONE CABLING WHICH IS DISTURBED BY CONSTRUCTION OR MUST BE REMOVED OR RE-ROUTED. THIS CONTRACTOR SHALL INCLUDE FOR LANDLORD'S CONTRACTOR COSTS TO REMOVE OR RELOCATE EXISTING CABLING AS DIRECTED BY LANDLORD.</p> <p>ADVISE LANDLORD'S COMMUNICATIONS CONTRACTOR OF ANY EXISTING DATA CABLING WHICH IS DISTURBED BY CONSTRUCTION OR MUST BE REMOVED OR RE-ROUTED. THIS CONTRACTOR SHALL INCLUDE FOR LANDLORD'S CONTRACTOR COSTS TO REMOVE OR RELOCATE EXISTING CABLING AS DIRECTED BY LANDLORD.</p> <p>THIS CONTRACTOR SHALL DISCONNECT POWER TO MECHANICAL DIVISION EQUIPMENT BEING REMOVED (REFER TO MECHANICAL DRAWINGS FOR LOCATION), CUTBACK CONDUIT AND WIRING BACK TO SOURCE AND MAKE SAFE.</p> <p>INFORMATION SHOWN ON DRAWINGS IS PROVIDED TO ASSIST THE CONTRACTOR WITH THE DEMOLITION SCOPE. DRAWINGS DO NOT NECESSARILY REFLECT AS BUILT CONDITION NOR EXACT QUANTITIES OF DEVICES.</p> <p>CONTRACTOR SHALL REMOVE ALL ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE PRIOR TO NEW CONSTRUCTION.</p> <p>ALL LUMINAIRES AND CEILING DEVICES TO BE REMOVED.</p>
<b>3: EQUIPMENT</b>	<p>WHERE MANUFACTURER IS NOT SPECIFIED, PRODUCTS SHALL BE OF HIGHEST COMMERCIAL QUALITY. ALL PRODUCTS SHALL BE NEW CSA AND CONSULTANT APPROVED.</p> <p>PROVIDE EMT CONDUIT WITH STEEL SET SCREW CONNECTORS AND COUPLINGS FOR ALL EXPOSED WIRING UNLESS OTHERWISE NOTED. RUN CONDUIT AND EXPOSED CABLE NEATLY, PARALLEL AND PERPENDICULAR TO EXISTING BUILDING SURFACES SO AS TO CREATE MINIMUM OBSTRUCTIONS.</p> <p>ARMoured CABLE (BX) MAY BE USED FOR OUTLET DROPS IN PARTITION WALLS OR FOR FINAL CONNECTIONS TO LIGHT FIXTURES. MAXIMUM LENGTH OF BX CABLE IN THE CEILING SPACE IS 2m.</p> <p>ALL WIRING AND EQUIPMENT SHALL BE COPPER, MINIMUM #12 AWG R90.</p> <p>WIRING DEVICES SHALL BE SPECIFICATION GRADE.</p> <p>NEW TENANT PANEL DESIGNATION IS DIAGRAMMATIC TO ILLUSTRATE DESIGN INTENT. CONTRACTOR SHALL COORDINATE EXACT LABEL WITH LANDLORD AND PROVIDE A NEW LAMACOID NAMEPLATE C/W TYPED PANEL DIRECTORY.</p>
<b>4: INSTALLATION</b>	<p>PROVIDE COPPER GROUND WIRE IN ALL CONDUITS.</p> <p>OBTAIN OWNERS LIST OF EQUIPMENT TO ENSURE RECEPTACLES ARE INSTALLED TO MATCH THE EQUIPMENT. MAKE CHANGES TO SUITE AT NO ADDITIONAL COST.</p> <p>PROVIDE TYPE WRITTEN PANEL SCHEDULES REFLECTING ALL CHANGES MADE TO THE CIRCUITS BEFORE FINAL ACCEPTANCE OF WORK.</p> <p>CIRCUIT NUMBERS INDICATED ARE DIAGRAMMATIC. BALANCE LOADS TO WITHIN 10% ACROSS PHASES.</p> <p>PACK AND SEAL PENETRATIONS THROUGH FLOORS AND FIRE RATED WALLS WITH MATERIAL AND MAINTAIN EXISTING FIRE RATING.</p> <p>MOUNTING HEIGHTS AND EXACT LOCATION OF ALL DEVICES ARE AS NOTED ON ARCHITECTS DRAWINGS.</p> <p>CONFIRM EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL PRIOR TO ROUGH-IN FOR ALL MECHANICAL EQUIPMENT.</p> <p>REFER TO MECHANICAL DOCUMENTS PRIOR TO TENDER CLOSING AND PROVIDE ALL POWER WIRING AND DISCONNECT SWITCHES REQUIRED.</p> <p>VERIFY ALL ELECTRICAL EQUIPMENT SUPPLIED BY OTHER TRADES IS SUITABLE FOR THE VOLTAGE AVAILABLE PRIOR TO ITS RELEASE.</p> <p>PROVIDE ONE SIZE LARGER NEUTRAL CONDUCTOR FOR THREE OR FOUR WIRE BRANCH CIRCUITS FEEDING COMPUTERS AND ELECTRONIC BALLASTS.</p> <p>CONDUIT AND ARMoured CABLE SHALL NOT BE SUSPENDED FROM CEILING SUSPENSION SYSTEM. PROVIDE INDEPENDENT SUSPENSION FROM BUILDING STRUCTURE.</p> <p>ALL OUTLETS MOUNTED ABOVE MILLWORK ARE TO BE INSTALLED HORIZONTALLY. CONTRACTOR TO COORDINATE LOCATION OF OUTLETS WITH MILLWORK DRAWING.</p> <p>PROVIDE SUPPORT FOR ALL ELECTRICAL COMPONENTS TO MEET CURRENT SEISMIC RESTRAINT CODES WHERE APPLICABLE.</p> <p>ALL FIRE ALARM WIRING, TESTING AND VERIFICATION SHALL BE PROVIDED BY LANDLORD'S CONTRACTOR. THIS ELECTRICAL CONTRACTOR SHALL INCLUDE AND CARRY IN HIS COST. SUBMIT ALL REPORTS TO CONSULTANTS.</p> <p>PROVIDE INDEPENDENT SUPPORT FOR ALL LUMINAIRES, CEILING SUSPENSION AND CEILINGS ARE NOT TO BE USED FOR LUMINAIRE SUPPORT TO MEET SAFETY AUTHORITY CODE. PARASISMIC REPORT/CERTIFICATE MUST BE RECEIVED AT THE END OF THE PROJECT (WHERE APPLICABLE).</p> <p>WHERE TENANT SPACE IS LOCATED ABOVE AN UNDERGROUND PARKING LOT THE CONTRACTOR SHALL REVIEW THE SITE PRIOR TO BID SUBMISSION AND REVIEW PARKING STRUCTURE DESIGN FOR ANY CORING LOCATIONS AND CARRY ASSOCIATED COSTS.</p>
<b>5: PROJECT COMPLETION</b>	<p>UPON COMPLETION OF WORK, PROVIDE A WRITTEN ONE YEAR WARRANTY COVERING THE COMPLETE WORK. RECTIFY ANY DEFECTS ARISING DURING THIS PERIOD AT NO EXTRA COST TO THE OWNER.</p> <p>FOR THE ISSUANCE OF THE ELECTRICAL LETTER OF COMPLIANCE, ONE WEEK PRIOR TO OCCUPANCY, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:</p> <ul style="list-style-type: none"> <li>FIRE ALARM VERIFICATION REPORT</li> <li>ELECTRICAL SAFETY INSPECTION REPORTS</li> <li>BATTERY UNIT TEST REPORT</li> <li>EMERGENCY LIGHTING VERIFICATION REPORT</li> <li>MUSIC/SOUND EQUIPMENT INTERFACED WITH THE FIRE ALARM AND SHALL BE TESTED AND VERIFIED AS A COMPLETE SYSTEM</li> </ul> <p>CONTRACTOR SHALL NOTIFY THE CONSULTANT THREE DAYS PRIOR TO CITY INSPECTOR VISIT.</p> <p>SUBMIT A LEGIBLE SET OF AS-BUILT DRAWINGS ON WHITE PRINTS TO THE CONSULTANT FOR TRANSFER TO CADD FILES. INCLUDE FOR CONSULTANTS COST TO UPDATE DRAWINGS TO AS-BUILT &amp; PLOT. CONTRACTOR TO CARRY \$1000.00 FOR CONSULTANT COSTS, WHITE PRINTS SHALL INCORPORATE ALL CHANGES AND DEVIATIONS FROM THE ORIGINAL TENDER DRAWINGS. SHOW ALL MAIN AND BRANCH CONDUIT RUNS (COMPLETE WITH CONDUIT SIZE, WIRE SIZE, AND QUANTITY) AND JUNCTION BOX LOCATIONS AND SIZES.</p>

NO.	ISSUES	DATE	BY
01	ISSUED FOR PERMIT	2024.10.25	O.H.
NO.	REVISIONS	DATE	BY

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**JOHN B MANN**  
 PROFESSIONAL ENGINEER  
 2024.10.25

PROJECT:  
**TOWNSHIP OF BROCK**  
**176 MAIN STREET**  
**BEAVERTON, Ontario**  
**L0K 1A0**

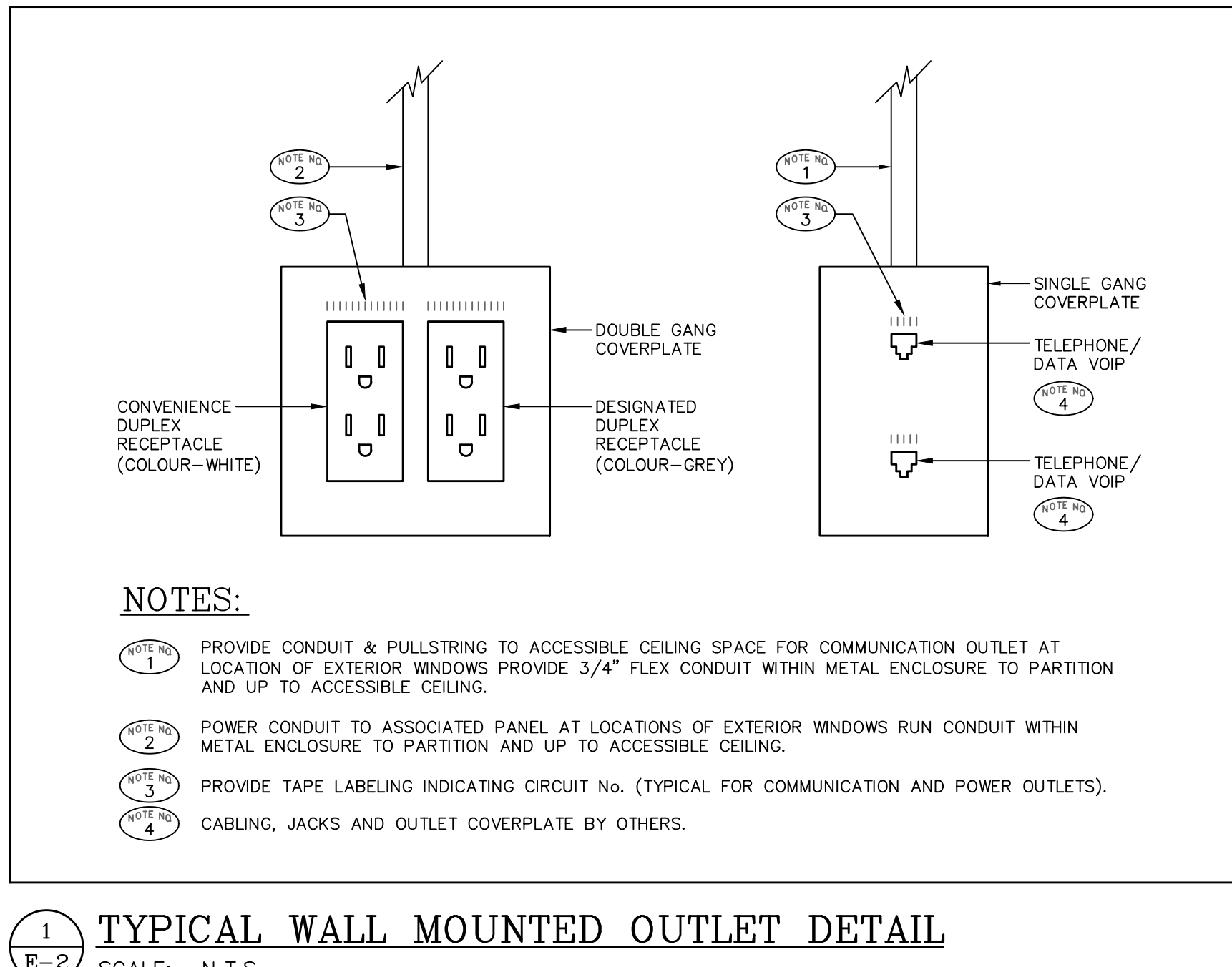
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**SPECIFICATIONS**  
**AND LEGEND**

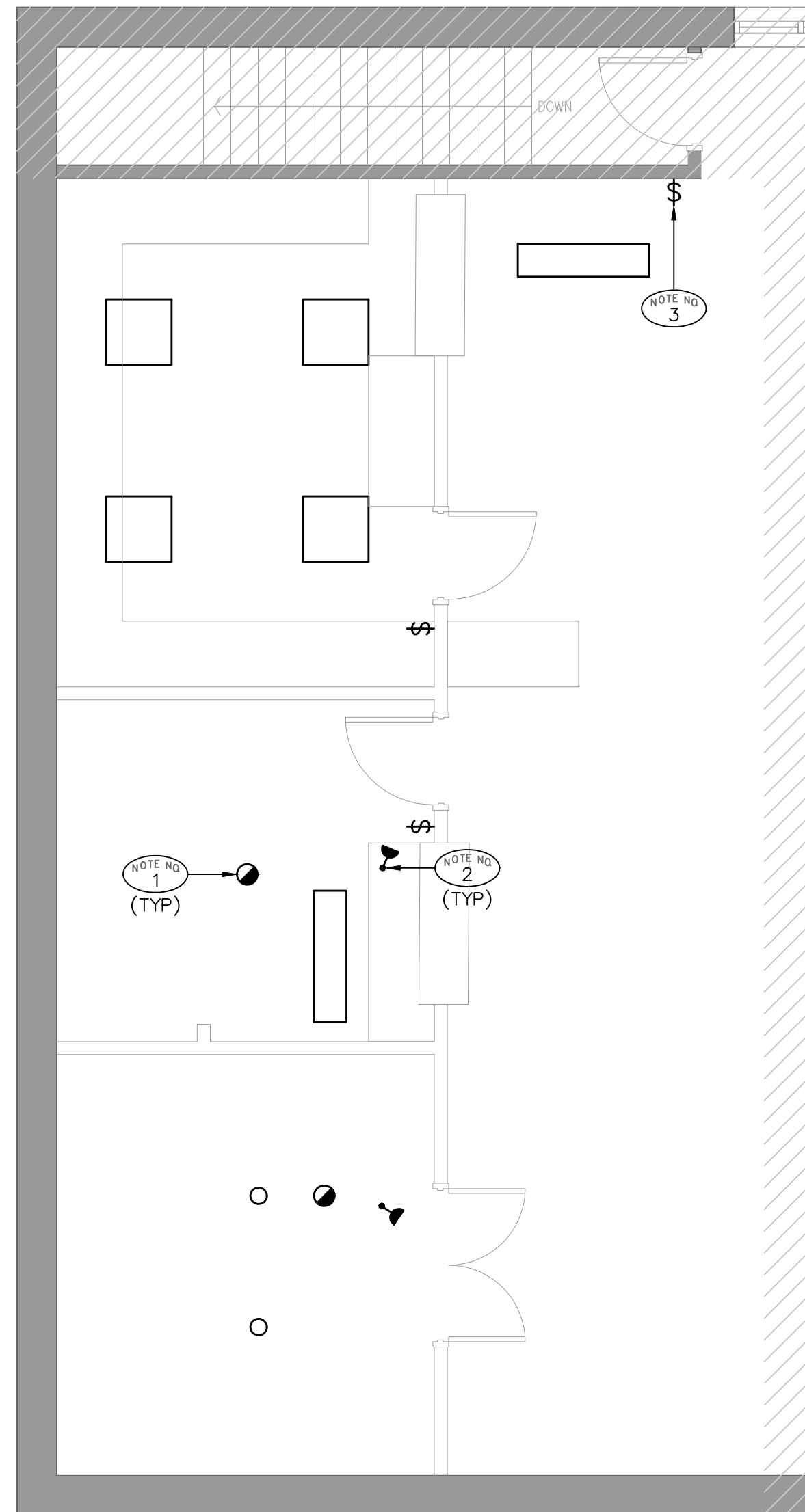
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DESIGN BY: D.C.	DOC CONTROL DATE
DRAWN BY: D.C.	% COMPLETE
CHECKED BY: Q.H.	REVAL
DATE: OCTOBER 2024	
SCALE:	
FILE: 24249-TownshipOfBrock-Elec.dwg	

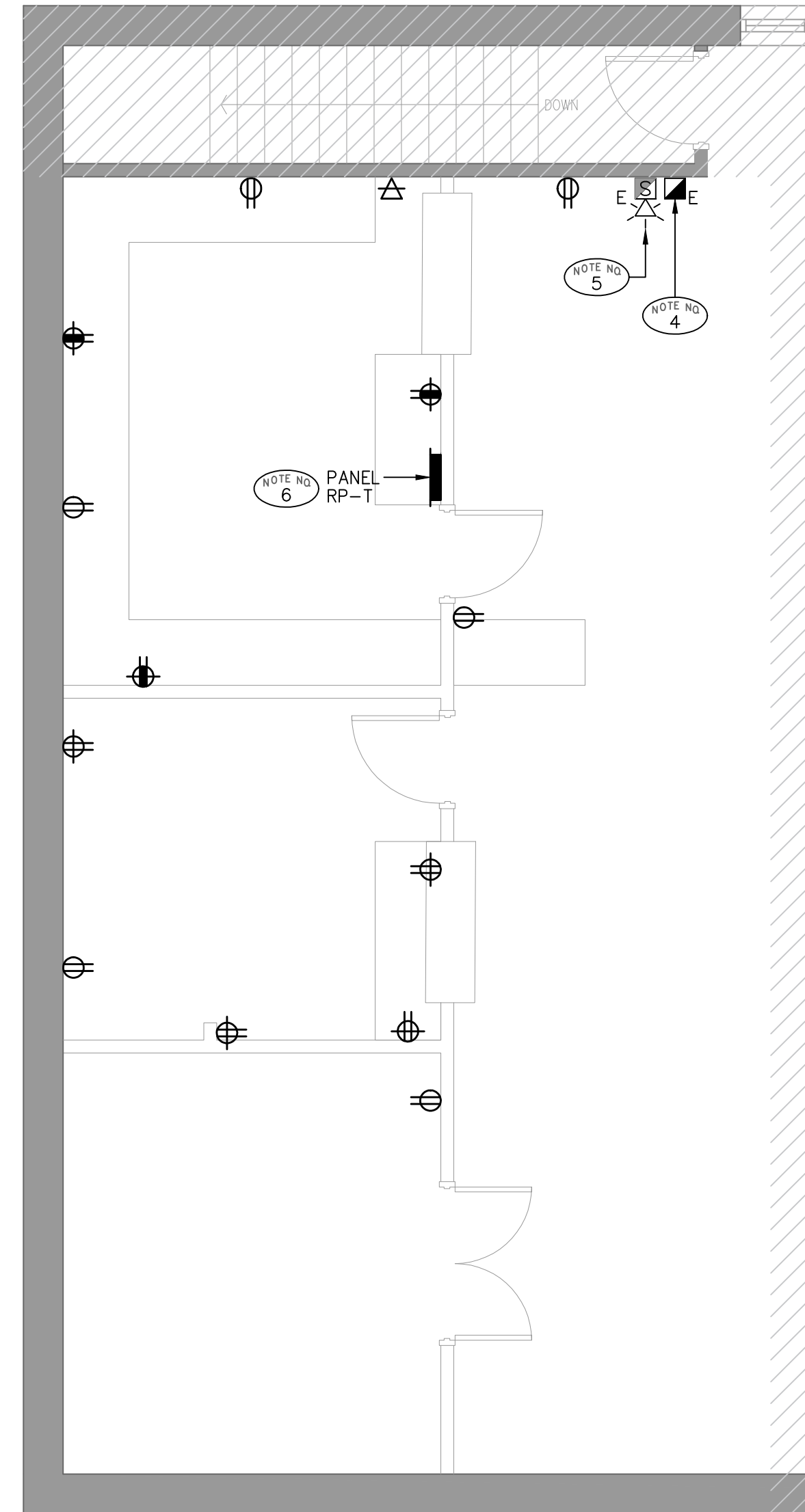
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**24249**

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**E-2**

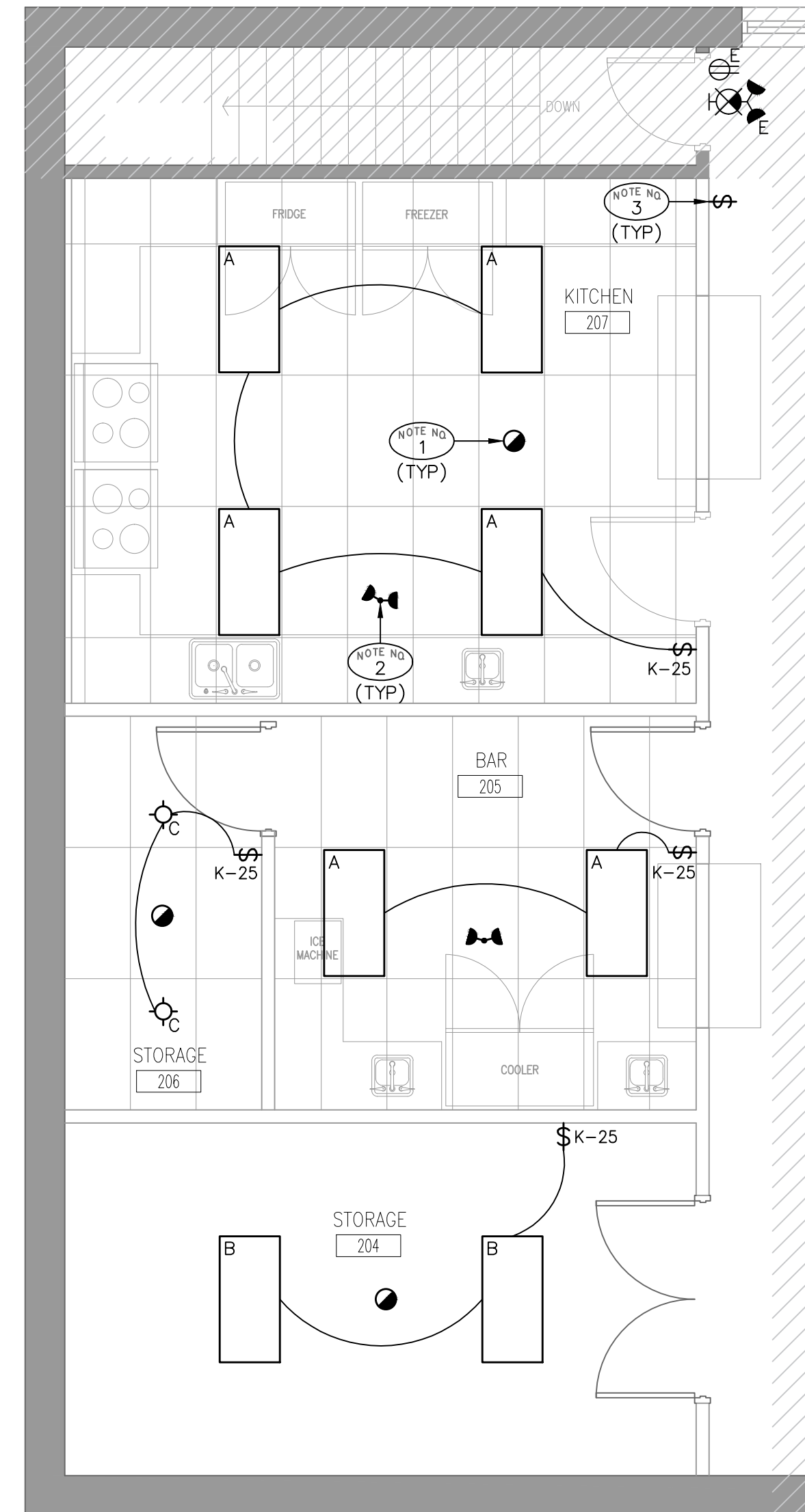




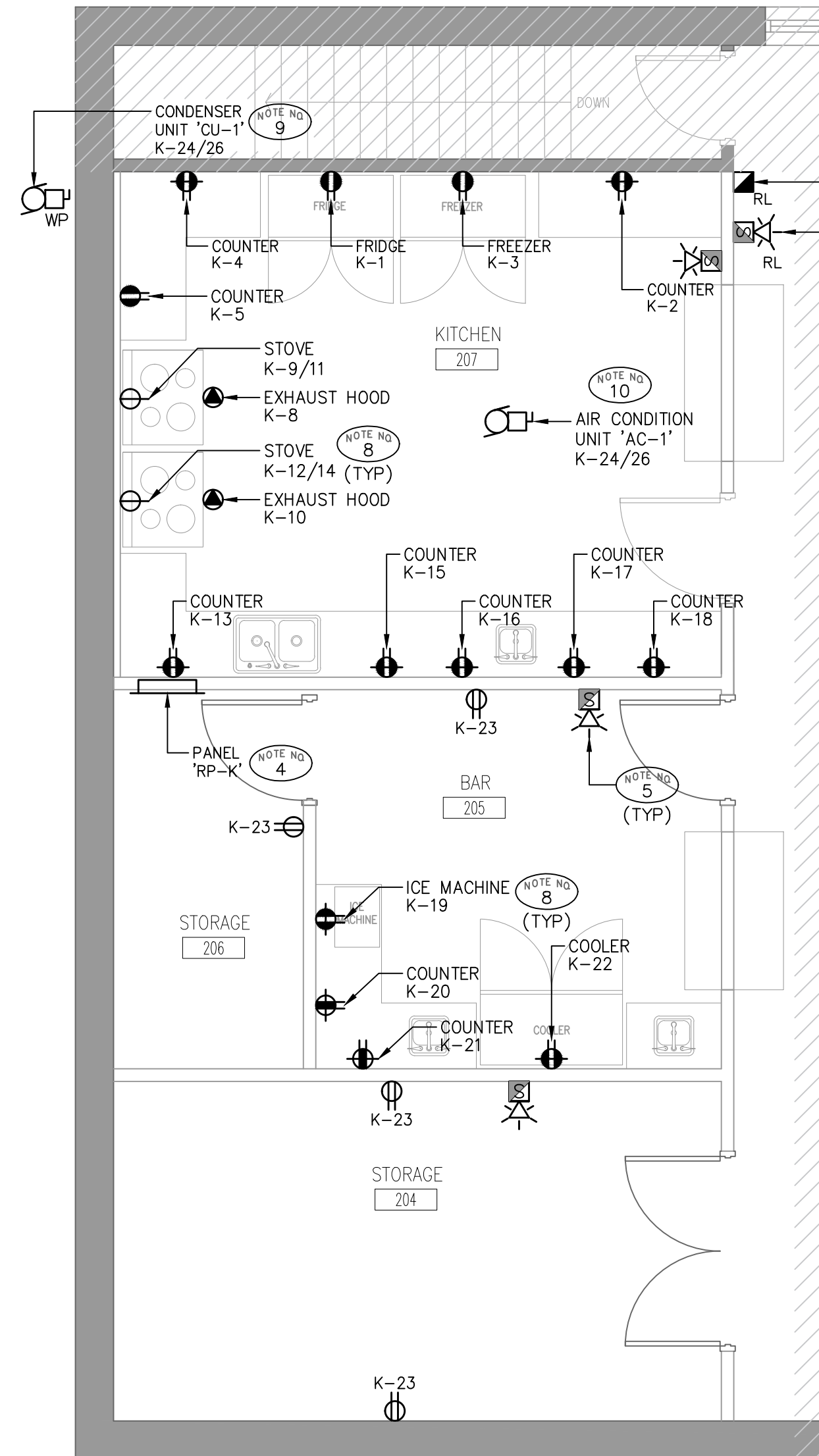
**1** PART SECOND FLOOR  
**B-3** DEMOLITION LIGHTING PLAN  
 SCALE: 1/4"=1'-0"



**2** PART SECOND FLOOR  
**B-3** DEMOLITION POWER & SYSTEMS PLAN  
 SCALE: 1/4"=1'-0"



**3** PART SECOND FLOOR  
**B-3** DEMOLITION LIGHTING PLAN  
 SCALE: 1/4"=1'-0"



**4** PART SECOND FLOOR  
**B-3** DEMOLITION POWER & SYSTEMS PLAN  
 SCALE: 1/4"=1'-0"

**DEMOLITION NOTES:**

- NOTE NO 1** EXISTING CEILING MOUNTED HEAT DETECTOR TO BE REMOVED. RETAIN EXISTING CIRCUIT AND WIRING FOR NEW INSTALLATION. (REFER TO LIGHTING PLAN ON THIS DRAWING FOR LOCATIONS).
- NOTE NO 2** EXISTING CEILING MOUNTED EMERGENCY REMOTE HEAD TO BE REMOVED. RETAIN EXISTING WIRING FOR NEW INSTALLATION. (REFER TO LIGHTING PLAN ON THIS DRAWING FOR LOCATIONS).
- NOTE NO 3** EXISTING WALL MOUNTED LIGHT SWITCH TO BE REMOVED. RETAIN EXISTING CIRCUIT AND WIRING FOR NEW INSTALLATION. (REFER TO LIGHTING PLAN ON THIS DRAWING FOR LOCATIONS).
- NOTE NO 4** EXISTING WALL MOUNTED FIRE ALARM PULLSTATION TO BE RELOCATED. (REFER TO POWER AND SYSTEMS PLAN ON THIS DRAWING FOR LOCATION).
- NOTE NO 5** EXISTING WALL MOUNTED FIRE ALARM HORN/STROBE TO BE RELOCATED. (REFER TO POWER AND SYSTEMS PLAN ON THIS DRAWING FOR LOCATION).
- NOTE NO 6** EXISTING RECESSED PANEL 'RP-T' TO BE REMOVED. CUTBACK CONDUIT AND WIRING TO SOURCE AND MAKE SAFE AS REQUIRED PER BASE BUILDING STANDARD.

**GENERAL DEMOLITION NOTES:**

1. CONTRACTOR TO REVIEW DOCUMENTS OF ALL DISCIPLINES AND SITE TO ASCERTAIN COMPLETE EXTENT OF REMOVAL OF EXISTING ELECTRICAL EQUIPMENT AND WIRING REQUIRED. THIS CONTRACTOR IS RESPONSIBLE FOR REMOVING AND MAKING SAFE ALL CONDUIT, WIRING AND EQUIPMENT RENDERED REDUNDANT BY THIS RENOVATION. THIS CONTRACTOR IS ALSO RESPONSIBLE FOR RELOCATING OR RE-ROUTING EXISTING SERVICES AND EQUIPMENT AS REQUIRED TO SUIT RENOVATION.
2. ALL WORK TO BE CARRIED OUT IN ACCORDANCE'S WITH THE PROJECT SCHEDULE AND PHASING.
3. TURN OVER TO THE OWNER ANY EQUIPMENT WHICH THEY WISH TO RETAIN. REMOVE FROM SITE ALL OTHER MATERIAL UNLESS OTHERWISE NOTED. ALL EQUIPMENT TO BE RE-USED SHALL BE CAREFULLY REMOVED AND STORED FOR RE-INSTALLATION AS NOTED ELSEWHERE IN THESE DRAWINGS.
4. ELECTRICAL CONTRACTOR IS TO ENSURE SERVICES TO AREAS NOT UNDERGOING DEMOLITION ARE NOT DISCONNECTED. PROVIDE TEMPORARY SERVICES AND FEEDS TO MAINTAIN UN-RENOVATED AREAS IN SERVICE AT ALL TIMES.
5. DISCONNECT AND REMOVE POWER WIRING TO EQUIPMENT OF OTHER DIVISIONS WHERE SUCH EQUIPMENT IS BEING REMOVED.
6. ADVISE OWNER'S TELEPHONE CONTRACTOR OF ANY EXISTING TELEPHONE CABLING WHICH IS DISTURBED BY CONSTRUCTION OR MUST BE REMOVED OR RE-ROUTED. THIS CONTRACTOR SHALL INCLUDE FOR ALL COSTS TO REMOVE OR RELOCATE EXISTING CABLING AS DIRECTED BY OWNER.
7. ADVISE OWNER'S COMMUNICATIONS CONTRACTOR OF ANY EXISTING DATA CABLING WHICH IS DISTURBED BY CONSTRUCTION OR MUST BE REMOVED OR RE-ROUTED. THIS CONTRACTOR SHALL INCLUDE FOR ALL COSTS TO REMOVE OR RELOCATE EXISTING CABLING AS DIRECTED BY OWNER.
8. THIS CONTRACTOR SHALL DISCONNECT POWER TO MECHANICAL DIVISION EQUIPMENT BEING REMOVED (REFER TO MECHANICAL DRAWINGS FOR LOCATION). CUTBACK CONDUIT AND WIRING BACK TO SOURCE AND MAKE SAFE.
9. ALL EXISTING ELECTRICAL EQUIPMENT SHOWN IS TO BE REMOVED UNLESS OTHERWISE NOTED.
10. INFORMATION SHOWN ON DRAWINGS IS PROVIDED TO ASSIST CONTRACTOR WITH THE TENDERING AND DOES NOT NECESSARILY REFLECT AS BUILT CONDITIONS.
11. CONTRACTOR TO REMOVE ALL ASSOCIATED CONDUIT AND WIRING FOR DEMOLITION BACK TO SOURCE AS PER BASE BUILDING STANDARDS.

**NOTES:**

- NOTE NO 1** CEILING MOUNTED HEAT DETECTOR TO MATCH EXISTING. CONNECT TO EXISTING CIRCUIT. EXTEND AND/OR CUTBACK CONDUIT AND WIRING AS REQUIRED PER BASE BUILDING STANDARDS.
- NOTE NO 2** PROVIDE AND INSTALL CEILING MOUNTED DOUBLE EMERGENCY REMOTE HEAD AS SHOWN. CONNECT TO EXISTING WIRING FROM DEMOLITION. EXTEND AND/OR CUTBACK WIRING AS REQUIRED PER BASE BUILDING STANDARDS.
- NOTE NO 3** WALL MOUNTED LIGHT SWITCH TO BE CONNECTED TO CIRCUIT AND WIRING SERVING LIGHTING WITHIN OPEN AREA.
- NOTE NO 4** TENANT PANEL 'RP-K' 120/208V. 3ø. 4W. (REFER TO DRAWING NO. E-4 FOR PANELBOARD SCHEDULE)
- NOTE NO 5** WALL MOUNTED FIRE ALARM HORN/STROBE TO MATCH EXISTING BASE BUILDING STANDARD FIRE ALARM SYSTEMS.
- NOTE NO 6** EXISTING WALL MOUNTED FIRE ALARM/STROBE IN RELOCATED POSITION. CUTBACK AND/OR EXTEND CONDUIT AND WIRING AS REQUIRED PER BASE BUILDING STANDARD. (REFER TO DEMOLITION POWER AND SYSTEMS PLAN ON DRAWING NO. E-3 FOR EXISTING LOCATION).
- NOTE NO 7** EXISTING WALL MOUNTED FIRE ALARM PULL STATION IN RELOCATED POSITION. CUTBACK AND/OR EXTEND CONDUIT AND WIRING AS REQUIRED PER BASE BUILDING STANDARD. (REFER TO DEMOLITION POWER AND SYSTEMS PLAN ON DRAWING NO. E-3 FOR EXISTING LOCATION).
- NOTE NO 8** CONTRACTOR TO VERIFY EXACT POWER REQUIREMENTS AND RECEPTACLE CONFIGURATION FOR ALL EQUIPMENTS IN BACK BAR PRIOR TO ROUGH-IN.
- NOTE NO 9** PROVIDE ELECTRICAL CONNECTIONS FOR WALL MOUNTED CONDENSER UNIT 'CU-1' LOCATED ON EXTERIOR WALL. COORDINATE AND CONFIRM EXACT MOUNTING LOCATION AND ROUGHING OF CONDUIT AND WIRING WITH THE LANDLORD PRIOR TO ROUGH-IN.
- NOTE NO 10** PROVIDE ELECTRICAL CONNECTIONS FOR AIR CONDITION UNIT 'AC-1'. UNIT SHALL BE INTERLOCKED WITH CONDENSER UNIT 'CU-1' AND POWERED FROM THE CONDENSER. PROVIDE 2#12-1/2" AS REQUIRED.

**GENERAL NOTES:**

1. REFER TO INTERIOR DESIGNER'S DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF DEVICES.
2. COORDINATE WITH GENERAL CONTRACTOR FOR ACCESS PANELS AS REQUIRED FOR LIGHTING/POWER/COMMUNICATION/AV WHERE CEILING ARE NOT ACCESSIBLE (I.E. DRYWALL). PROVIDE ACCESS PANELS QUANTITIES AND LOCATION FOR GENERAL CONTRACTOR TO PRICE IN THE SCOPE OF WORK.
3. CONFIRM EXACT SECURITY REQUIREMENTS WITH CLIENT/BASE BUILDING SECURITY VENDOR PRIOR TO ROUGH-IN.
4. CONFIRM EXACT ROUTING AND DISTANCE ON SITE PRIOR TO ROUGH-IN AND INSTALLATION.
5. CONFIRM WITH CLIENT/BASE BUILDING PRIOR TO DISCONNECTING BREAKERS THAT LOADS FOR THIS RENOVATION DO NOT AFFECT OPERATION IN ANY WAY UNRENOVATED AREAS.
6. SHUTDOWN OF ANY ELECTRICAL SYSTEM TO BE CO-ORDINATED WITH BASE BUILDING. NO WORK IS TO BE PERFORMED UNLESS CONFIRMED IN WRITING BY BASE BUILDING.
7. CONFIRM EXACT LOCATION AND REQUIREMENTS WITH DIV.25 PRIOR TO ROUGH-IN FOR ALL MECHANICAL EQUIPMENTS. (TYPICAL)

NO.	ISSUES	DATE	BY
01	ISSUED FOR PERMIT	2024.10.25	Q.H.
NO.	REVISIONS	DATE	BY

**DISCLAIMER**  
 This drawing is the property of IANUZZIELLO & ASSOCIATES INC. This drawing shall be read in conjunction with the architectural, structural, mechanical and all other consultant's drawings prior to proceeding with the work. Do not scale the drawings.  
 The contractor is to verify and accept responsibility for all dimensions and conditions on site and must notify IANUZZIELLO & ASSOCIATES INC. of any variations from the drawings.

CONSULTANT

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STAMP

PROJECT:  
**TOWNSHIP OF BROCK**  
**176 MAIN STREET**  
**BEAVERTON, Ontario**  
**LOK 1A0**

DRAWING:  
 PART SECOND FLOOR -  
 DEMOLITION LIGHTING,  
 DEMOLITION POWER & SYSTEMS,  
 LIGHTING, AND POWER & SYSTEMS  
 PLANS

**BARRY BRYAN ASSOCIATES**  
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NORTH ARROW

DESIGN BY: D.C.	DOC CONTROL DATE
DRAWN BY: D.C.	% COMPLETE
CHECKED BY: Q.H.	NETAL
DATE: OCTOBER 2024	SCALE:
FILE: 24249-TownshipOfBrock-Elec.dwg	

PROJECT NO:  
**24249**

DRAWING NO:  
**E-3**