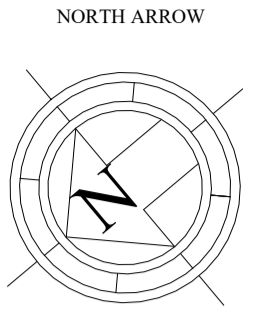
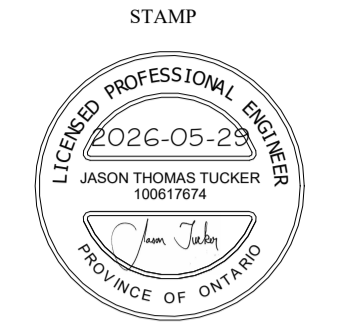


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GENERAL POWER & LIGHTING NOTES:

1. CONTRACTOR IS TO COORDINATE SECONDARY WIRE SIZES TO REMOTE LIGHTS AND DEVICES SO AS TO ENSURE THAT VOLTAGE DROP DOES NOT EXCEED 3% OR MANUFACTURER'S RECOMMENDATION, WHICHEVER IS LESS.
2. ALL ELECTRICAL EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS/RECOMMENDATIONS AND IN COMPLIANCE WITH THE LATEST O.E.S.C.
3. DEVICE LOCATIONS SHOWN ARE APPROXIMATE. COORDINATE AND CONFIRM FINAL LOCATIONS ON-SITE. EXCEPT WHERE NOTED, EXISTING EQUIPMENT OUTSIDE OF WORK AREA IS NOT SHOWN FOR DRAWING CLARITY.
4. FINAL FIXTURE LOCATION MAY BE ADJUSTED TO ACCOMMODATE ARCHITECTURE. COORDINATE ON-SITE WITH PROPERTY OWNER.
5. CONTRACTOR IS TO COORDINATE WITH OTHER TRADES TO DETERMINE BEST CONDUIT ROUTE ON-SITE.

KEY POWER NOTES (INDICATED WITH HEXAGONS):

1. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL A TWO-POLE 100A, 240V CIRCUIT BREAKER WITHIN THE NEW PANEL LOCATED IN THE MUSEUM (REFER TO DETAIL ON THIS SHEET). THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL #1 AWG COPPER CONDUCTORS WITH EQUIPMENT GROUND FROM THE MUSEUM PANEL TO NEW PANEL S1. CONDUCTORS SHALL BE INSTALLED IN 4"MM CONDUIT. REFER TO ELECTRICAL SITE PLAN FOR CONDUIT ROUTING. FINAL CONDUIT ROUTING SHALL BE DETERMINED ON SITE AND COORDINATED WITH EXISTING CONDITIONS.
2. RECEPTACLES SERVING DEHUMIDIFIERS SHALL BE INSTALLED WITHIN REACH OF THE MANUFACTURER-SUPPLIED POWER CORD AND IN ACCORDANCE WITH EQUIPMENT REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL COORDINATE FINAL RECEPTACLE LOCATIONS WITH THE SUBTRADE RESPONSIBLE FOR DEHUMIDIFIER INSTALLATION PRIOR TO ROUGH-IN.
3. HUMIDIFIER SHALL BE HARDWIRED AND CONNECTED DIRECTLY TO A DEDICATED CIRCUIT UNLESS NOTED OTHERWISE BY MANUFACTURER REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL COORDINATE CONNECTION, DISCONNECTING MEANS, AND OVERCURRENT PROTECTION REQUIREMENTS WITH THE SUBTRADE RESPONSIBLE FOR HUMIDIFIER INSTALLATION AND EQUIPMENT MANUFACTURER.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE CONNECTION AND OVERCURRENT PROTECTION REQUIREMENTS FOR THE AUXILIARY HEATER WITH THE SUBTRADE RESPONSIBLE FOR HEAT PUMP INSTALLATION AND EQUIPMENT MANUFACTURER. REFER TO PANEL SCHEDULE ON SHEET E0.2 FOR CIRCUIT DETAILS.
5. CONTRACTOR IS TO INSTALL CEILING MOUNT JUNCTION BOXES AT APPROXIMATE LOCATIONS SHOWN. CONTRACTOR IS TO RUN CONDUIT FROM BOXES TO NEW PANEL S1. CONDUIT IS TO BE INSTALLED WITH PULL STRING.

KEY LIGHTING NOTES (INDICATED WITH TRIANGLES):

1. LIGHT FIXTURES SHALL BE SURFACE MOUNTED AT APPROXIMATE LOCATIONS SHOWN AND CONTROLLED BY A LOCAL LIGHT SWITCH. FINAL FIXTURE LOCATIONS SHALL BE VERIFIED AND ADJUSTED AS REQUIRED TO ACCOMMODATE ARCHITECTURAL FEATURES, STRUCTURE, AND FIELD CONDITIONS.
2. COMBINATION UNIT SHALL BE CONNECTED UPSTREAM OF ANY LIGHTING CONTROL DEVICE SUCH THAT THE UNIT REMAINS CONTINUOUSLY ENERGIZED, IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND THE CANADIAN ELECTRICAL CODE.

REV.	BY	DESCRIPTION	DATE
REVISIONS			

2	TENDER	2026-05-29
1	CLIENT REVIEW	2026-01-23
No.	DESCRIPTION	DATE
ISSUED		

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CLIENT

**BEACHVILLE
 DISTRICT MUSEUM**

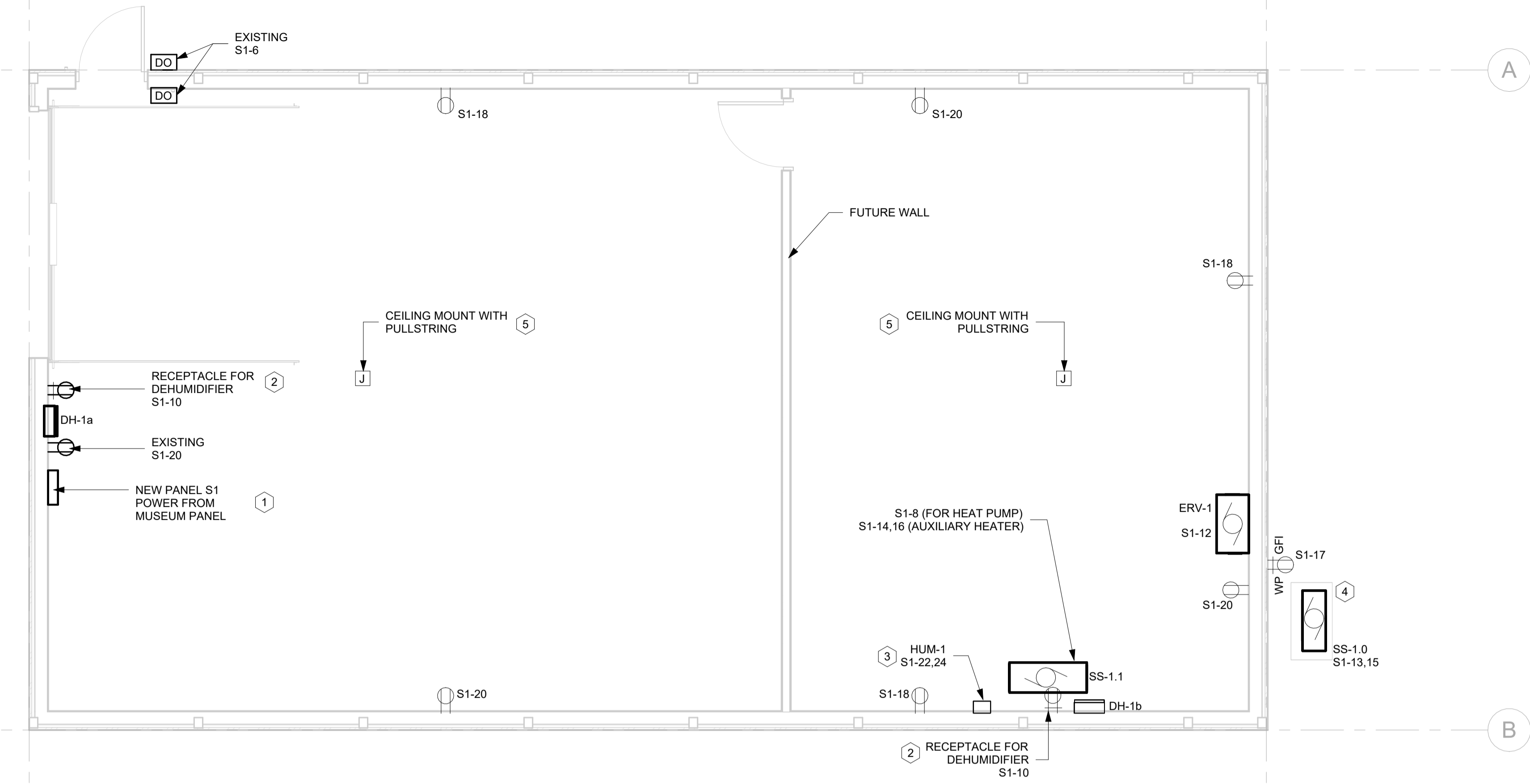
PROJECT

**BARN INSULATING
 AND HEATING**

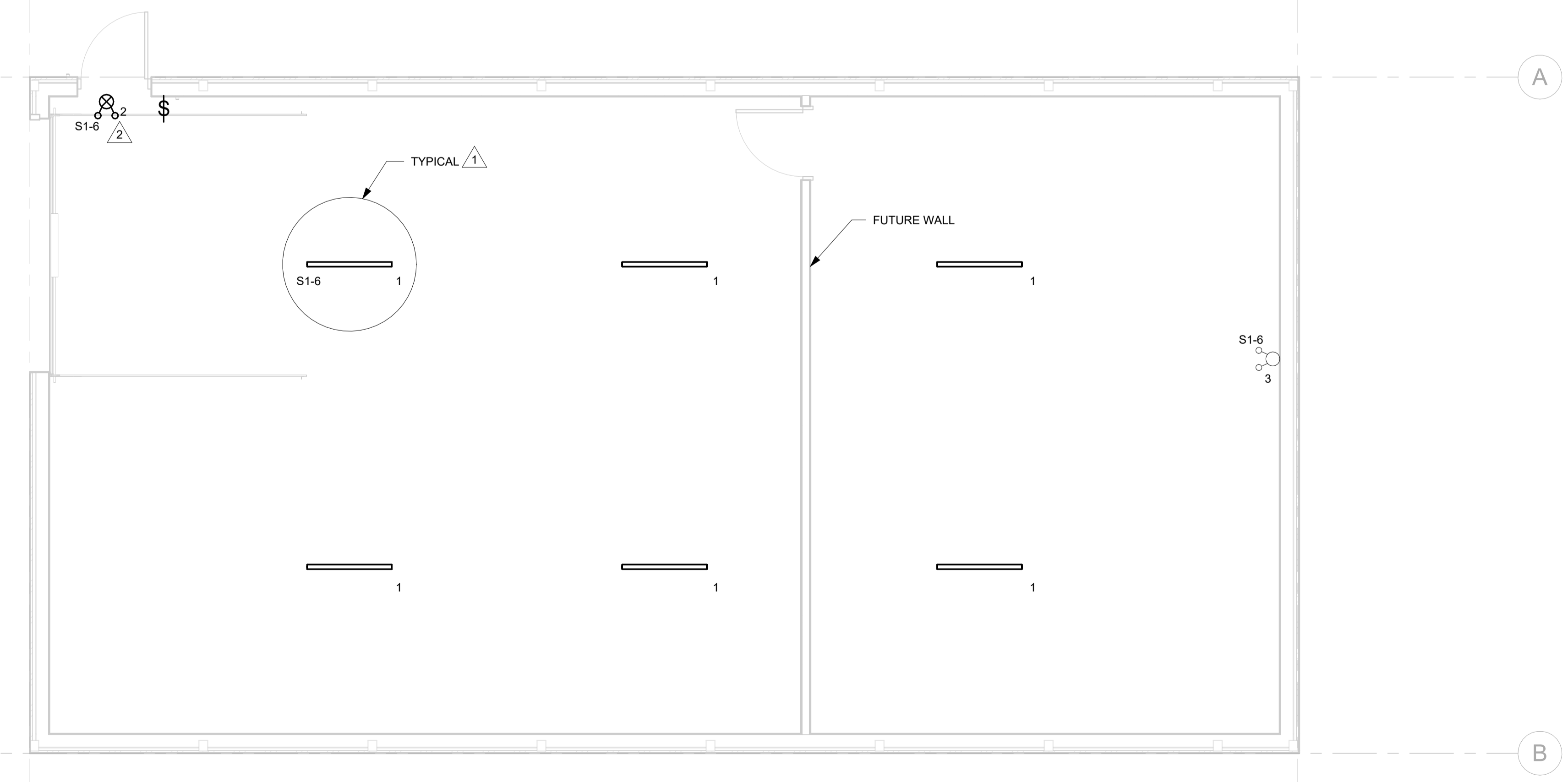
DRAWING

**POWER & LIGHTING
 LAYOUT**

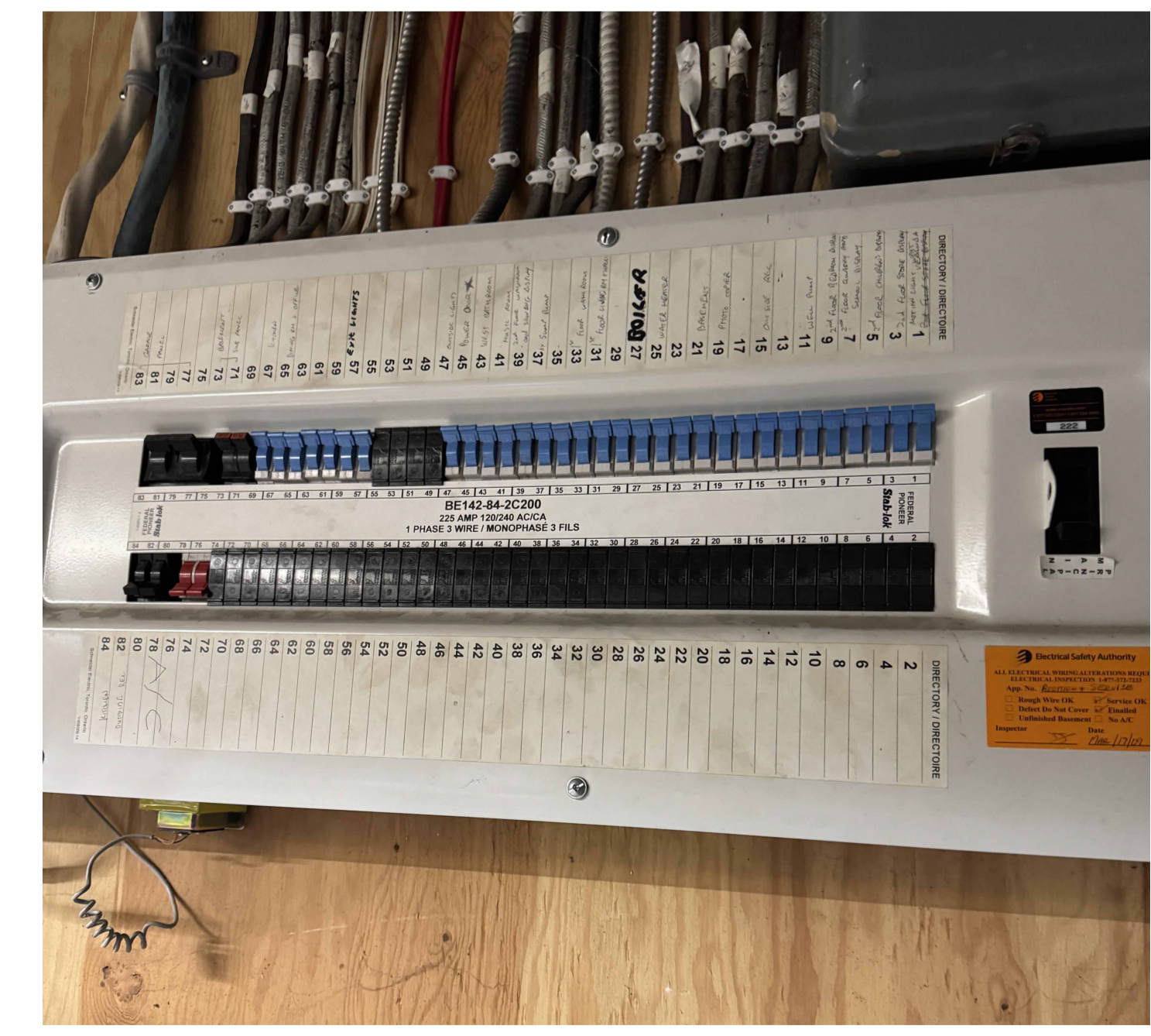
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AS NOTED	RO	JT
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POWER LAYOUT
1 : 50

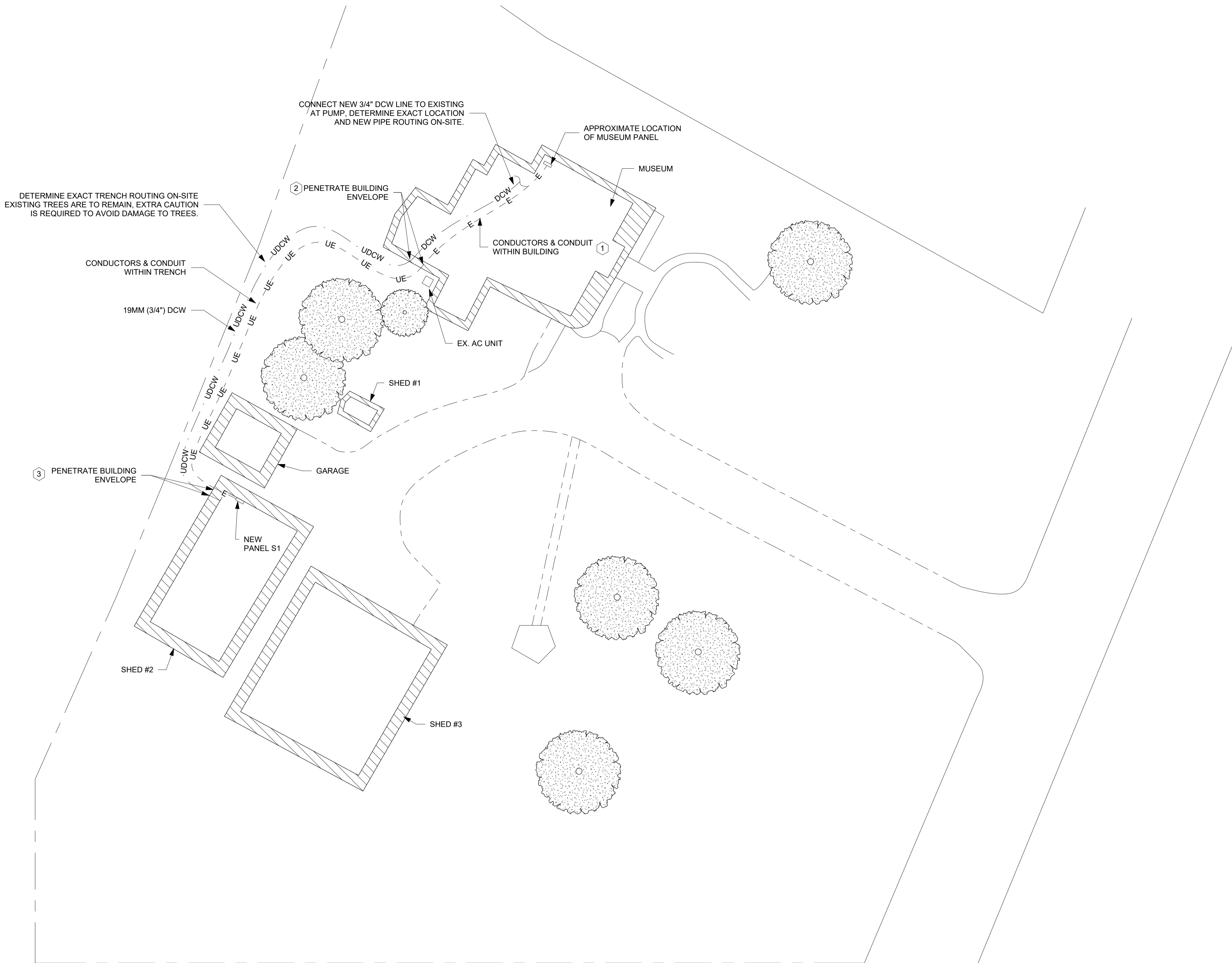
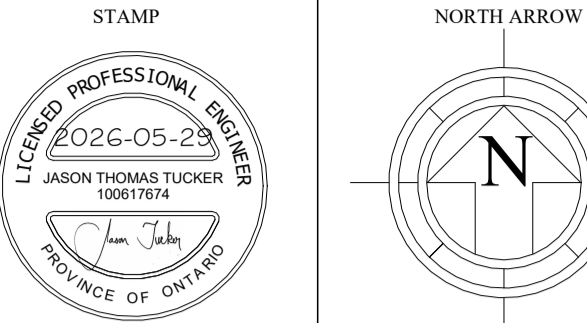


LIGHTING LAYOUT
1 : 50



DETAIL - MUSEUM PANEL

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SITE LAYOUT
1 : 250

ELECTRICAL GENERAL NOTES:

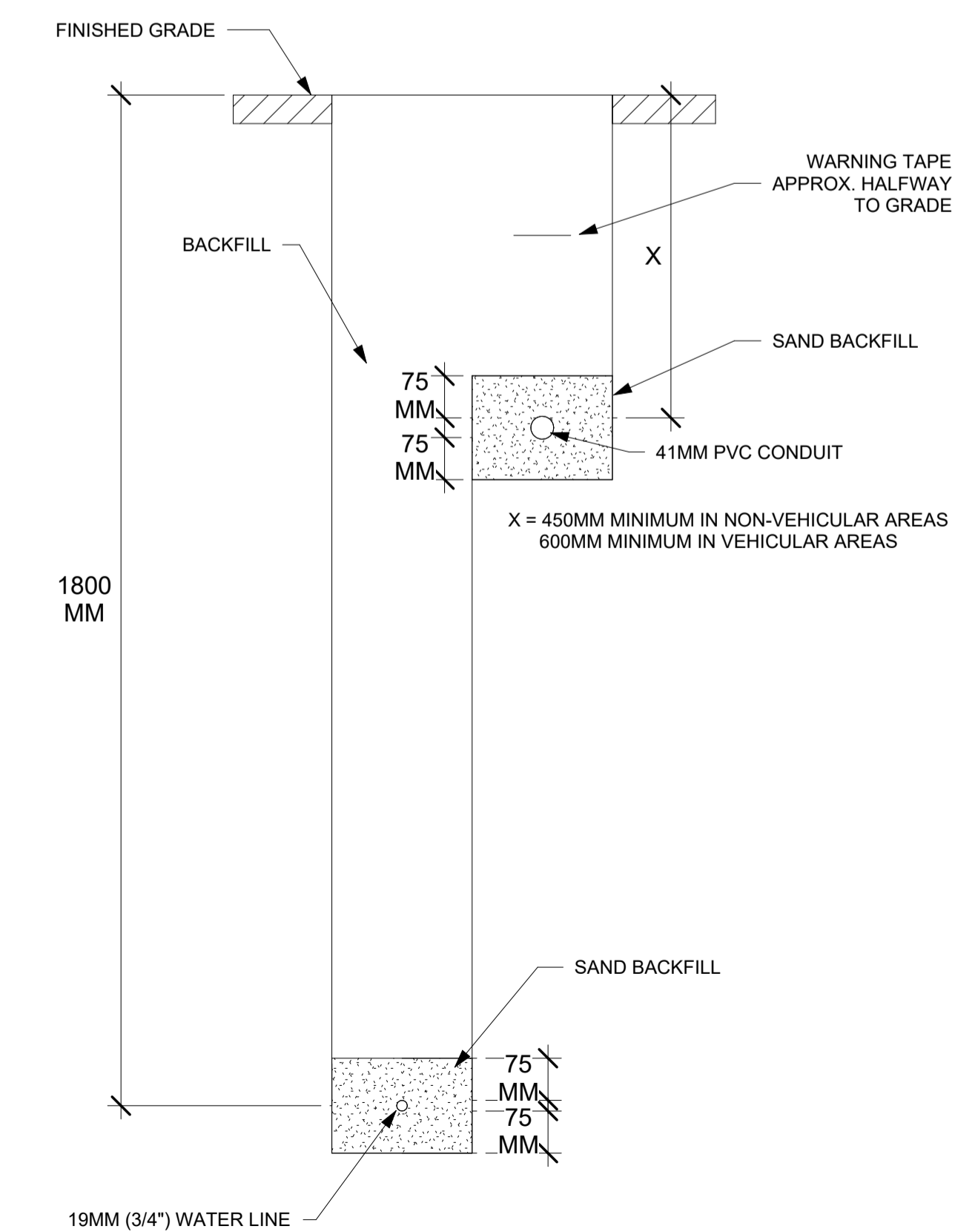
- UNLESS OTHERWISE NOTED, CABLE AND CONDUIT SHALL BE INSTALLED TO MEET MINIMUM COVER REQUIREMENTS OF 600MM FROM THE TOP OF THE CONDUIT TO FINISHED GRADE IN AREAS OF VEHICULAR TRAFFIC, AND 450MM MINIMUM COVER FROM TOP OF CONDUIT IN NON-TRAFFIC AREAS.
- BACKFILL CONTAINING LARGE ROCK, PAVING MATERIAL, CINDERS, LARGE OR SHARPLY ANGULAR SUBSTANCES, OR CORROSIVE MATERIAL SHALL NOT BE USED IN THE CABLE TRENCH. SUITABLE MARKING TAPE SHALL BE BURIED DIRECTLY ABOVE CONDUIT AT AN APPROXIMATE DEPTH HALFWAY BETWEEN THE CONDUIT AND THE FINISHED GRADE.
- CONTRACTOR IS TO COORDINATE WITH OTHER TRADES TO DETERMINE BEST CONDUIT ROUTE ON-SITE.
- CONTRACTOR IS TO PROVIDE HAND PULL BOXES AS NECESSARY.
- CONTRACTOR IS RESPONSIBLE FOR LOCATES OF ALL EXISTING SERVICES.

KEY ELECTRICAL NOTES (INDICATED WITH HEXAGONS):

- THE ELECTRICAL CONTRACTOR IS TO RUN #1 AWG COPPER CONDUCTORS WITH EQUIPMENT GROUND WITHIN 41MM CONDUIT FROM THE MUSEUM PANEL TO THE EXTERIOR OF THE BUILDING AT APPROXIMATE LOCATION SHOWN. THE ELECTRICAL CONTRACTOR IS TO MAKE GOOD ALL PENETRATIONS. FINAL CONDUIT ROUTING SHALL BE DETERMINED ON SITE AND COORDINATED WITH EXISTING CONDITIONS.
- THE CONDUCTORS AND CONDUIT ARE TO ENTER TRENCH UPON EXITING THE BUILDING ENVELOPE. SEE TRENCH DETAIL THIS SHEET. FINAL TRENCH ROUTING SHALL BE DETERMINED ON SITE AND COORDINATED WITH EXISTING CONDITIONS.
- THE CONDUCTORS AND CONDUIT ARE TO EXIT TRENCH AND PENETRATE THE BUILDING ENVELOPE AT APPROXIMATE LOCATION SHOWN. THE CONDUCTORS AND CONDUIT ARE TO RUN ALONG THE INTERIOR WALL AND TERMINATE WITHIN NEW PANEL S1. THE ELECTRICAL CONTRACTOR IS TO MAKE GOOD ALL PENETRATIONS. FINAL POINT OF PENETRATION AND CONDUIT ROUTING SHALL BE DETERMINED ON SITE AND COORDINATED WITH EXISTING CONDITIONS.

WATER LINE GENERAL NOTES:

- ALL WORK TO BE DONE TO THE TOWNSHIP OF SOUTHWEST OXFORD MINIMUM STANDARDS AND GUIDELINES AND COUNTY OF OXFORD DESIGN GUIDELINES AND SUPPLEMENTARY SPECIFICATIONS FOR MUNICIPAL SERVICES (DGSSMS).
- LOCATION AND DEPTH OF ALL EXISTING UTILITIES TO BE DETERMINED BY THE CONTRACTOR. REPORT ANY CONFLICTS FOUND BETWEEN EXISTING UTILITIES AND PROPOSED SITE WORKS TO SPH ENGINEERING FOR REVIEW. ADDITIONAL INVESTIGATION MAY BE REQUIRED TO CONFIRM LOCATION/DEPTH OF EXISTING UTILITY.
- WATER SERVICE TO BUILDING TO BE MUNICIPEX - C904 PIPE WITH TRACER WIRE. MINIMUM COVER FOR THE WATERMAIN PIPE SHALL BE 1800mm AS PER THE COUNTY OF OXFORD DGSSMS. DEFLECT WATER MAIN UNDER SEWER PIPING CROSSINGS. FOR VERTICAL CLEARANCE PROVIDE MIN 500mm WHEN WATER SERVICE IS BELOW SEWER AND 500mm WHEN WATER SERVICE IS ABOVE SEWER. CLEAR HORIZONTAL DISTANCE FOR SEWER AND WATER SERVICE LOCATED PARALLEL TO EACH OTHER IS 3.0m. ADDITIONAL INSULATION MAY BE REQUIRED AT MANHOLE AND CATCH BASIN CROSSINGS WITHIN 0.5m AND AT STORM SEWER CROSSINGS TO MITIGATE RISK OF FREEZING, COORDINATE WITH SPH ENGINEERING FOR REVIEW ONSITE.
- PROVIDE MINIMUM 48 HOURS NOTICE TO ENGINEER FOR INSPECTION. (BY CONTRACTOR)
- ENGINEER TO INSPECT SEWERS AND WATER MAIN INSTALLATION PRIOR TO BACKFILLING. INSUFFICIENT OR NON-NOTIFICATION MAY REQUIRE RE-EXCAVATION OF SEWER OR WATER MAIN FOR INSPECTION.
- CONTRACTOR TO CONTACT SPH ENGINEERING INC TO REVIEW SHOP DRAWING SUBMISSION REQUIREMENTS.



TRENCH DETAIL
1 : 10

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BEACHVILLE DISTRICT MUSEUM

PROJECT
BARN INSULATING AND HEATING

DRAWING
SITE LAYOUT

SCALE	DRAWN	CHECKED
AS NOTED	RO	JT
DATE	PROJECT NUMBER	DRAWING
2026-01-05	25061	P1