



# West Nipissing Ovest

## RECREATION CENTRE

### INTERIOR IMPROVEMENTS

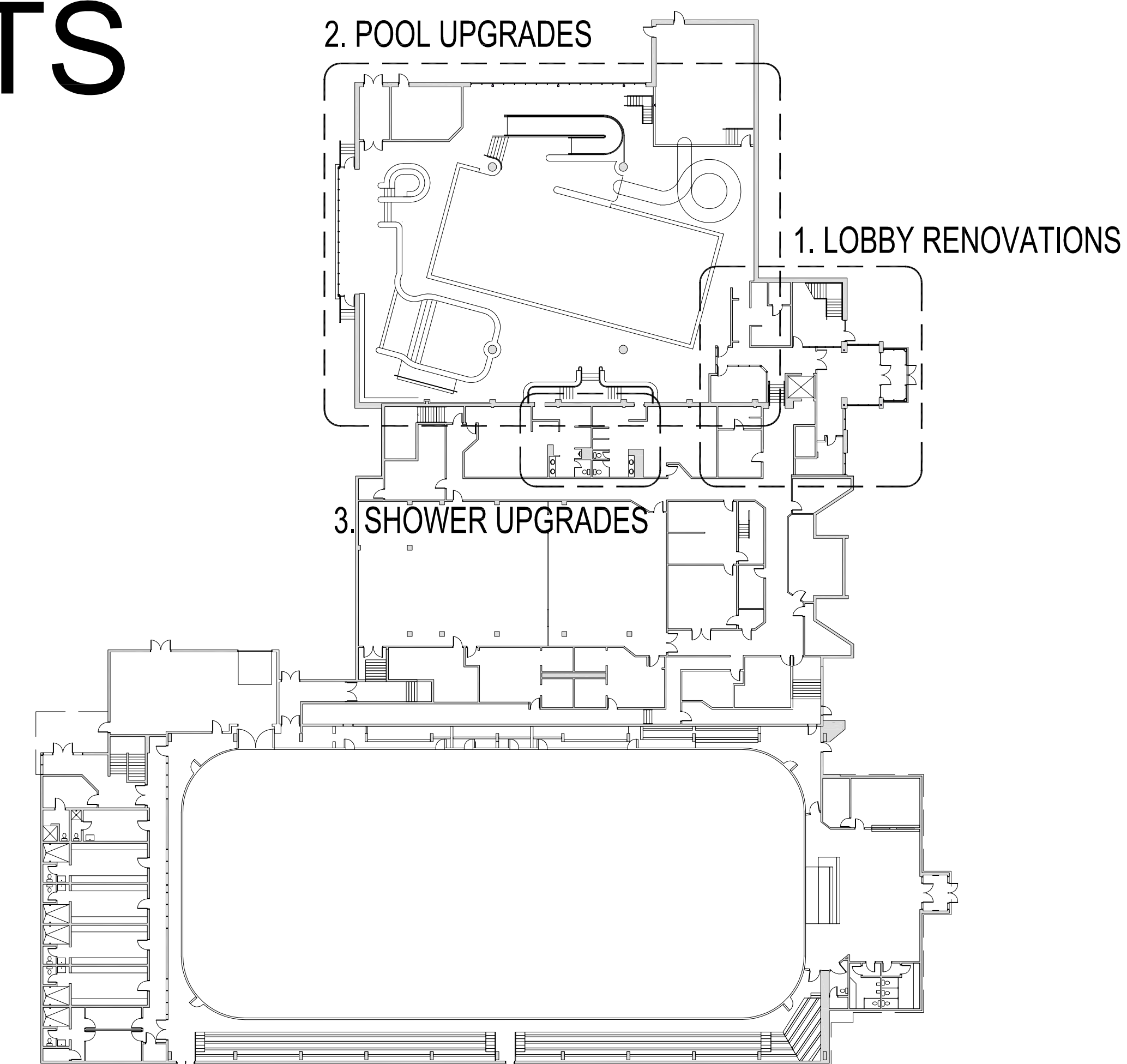
STURGEON FALLS ARENA

219 O'HARA STREET

#2026-030  
(2607)

JUNE 5, 2026

ISSUED FOR TENDER JUNE 10, 2026



**DEMOLITION REMOVALS NOTES**

1. REMOVE EXISTING WALL CONSTRUCTION AND ALL RELATED WALL/FLOOR/CEILING COMPONENTS INCLUDING EXISTING DOORS, FRAMES, TRIMS, BASE, FLOORING AND THE LIKE. MAKE GOOD ALL ADJOINING FINISHES READY TO RECEIVE NEW FINISHES AS PER ROOM FINISH SCHEDULE.
2. SURVEY THE CONDITION OF THE BUILDING TO DETERMINE ACCURACY OF THE PLANS AND STRUCTURAL INTEGRITY OF ALL ELEMENTS AFFECTED BY THE DEMOLITION PROCESS. REPORT AND HAZARDS TO THE OWNER PRIOR TO CONTINUING.
3. EXCEPT AS INDICATED, ALL MATERIALS SALVAGED FROM THE DEMOLITION AND PREPARATORY WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
4. ITEMS NOTED FOR REINSTALLATION SHALL BE CAREFULLY REMOVED..
5. REMOVE AND CAP ABANDONED UTILITIES AS REQUIRED CONCEALED UTILITIES WHICH DO NOT INTERFERE WITH THE NEW WORK MAY REMAIN IN PLACE. UTILITIES SCHEDULED TO BE RETURNED TO SERVICE SHALL BE CAPPED IN A MANNER TO FACILITATE RECONNECTION.
6. DEMOLISH WALLS IN SMALL SECTIONS CAREFULLY REMOVE AND LOWER ANY STRUCTURAL FRAMING AND ANY OTHER HEAVY AND LARGE OBJECTS. PROVIDE TEMPORARY BRACING AS REQUIRED TO REMOVE STRUCTURAL COMPONENTS.

**DRAWING LEGEND**

- DENOTES NEW SUSPENDED GYPSUM BOARD CEILING
- DENOTES NEW SUSPENDED ACOUSTIC TILE CEILING
- DENOTES EXISTING WALL CONSTRUCTION
- DENOTES DEMOLITION/REMOVALS

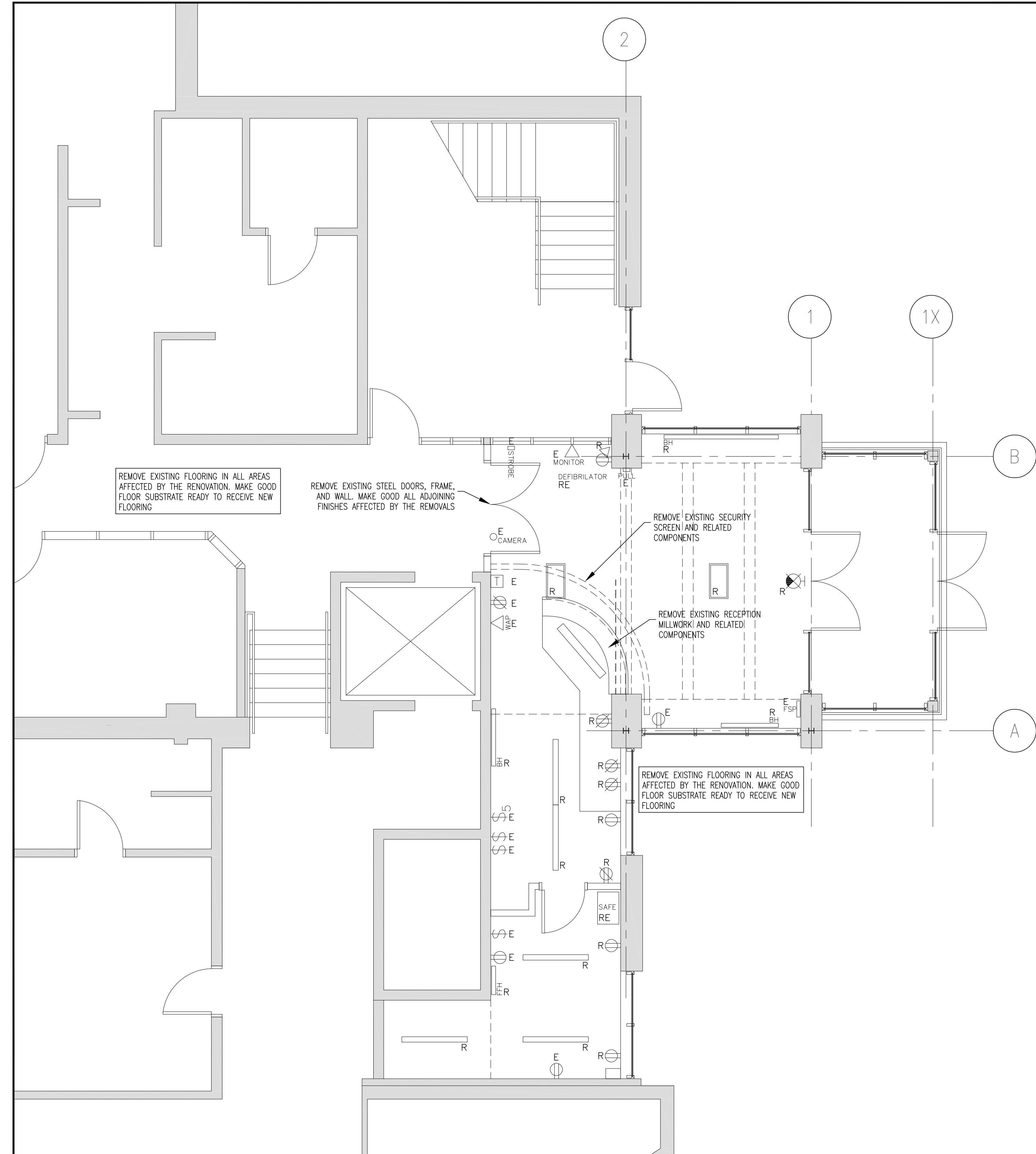
**WALL CONSTRUCTIONS**

- PAINT FINISH
- 1/2" GYPSUM BOARD
- 3-5/8" METAL STUDS
- 1/2" GYPSUM BOARD
- PAINT FINISH
- 1/2" SOLID SURFACE
- 1/2" PLYWOOD SHEATHING
- 5-8" METAL STUD
- 1/2" PLYWOOD SHEATHING
- 1/2" SOLID SURFACE
- EXISTING WALL CONSTRUCTION

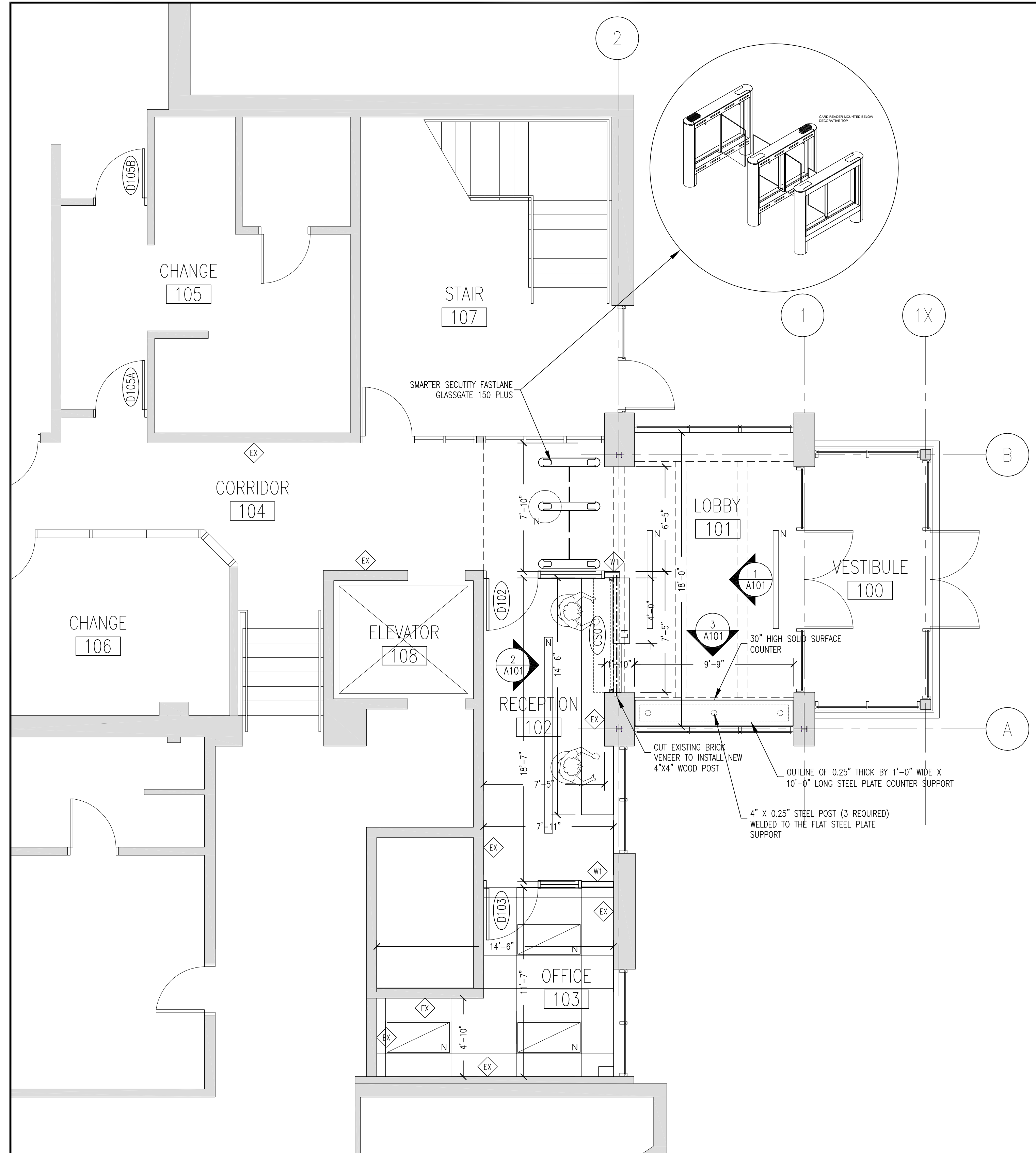
**ABBREVIATIONS**

- ACU ACOUSTIC TILE UNITS ON T-BAR
- CONC. CONCRETE SLAB (SEALED)
- CPT. CARPET
- C.T. CERAMIC TILE
- G.B.D. GYPSUM BOARD
- MDF MEDIUM-DENSITY FIBREBOARD
- PT. PAINT FINISH
- R.P.T. REPAINT
- RVT RESILIENT VINYL TILE
- RSF RESILIENT SHEET VINYL
- GYP. STIPPLE OR HAND TEXTURED
- WD WOOD FLOORING
- EX. EXISTING FINISHES

- EXIT LIGHT, CEILING OR WALL MOUNTED C/W FACES AND ARROWS AS REQUIRED
- EMERGENCY LIGHTING UNITS C/W TWO INTEGRAL HEADS
- SINGLE OUTLET ELECTRICAL CIRCUIT
- SINGLE POLE TOGGLE SWITCH
- EXISTING/REMOVE/RELOCATE EXISTING
- NEW/EXISTING RELOCATED



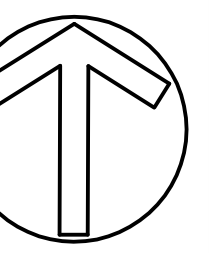
**1** DEMOLITION/REMOVALS PLAN  
A100 1/4"=1'-0"



**2** PROPOSED FLOOR PLAN  
A100 1/4"=1'-0"

DATE: JUNE 10, 2026

REVISIONS:  
ISSUED FOR TENDER



The Contractor shall verify all dimensions and report any discrepancies to the Architect before proceeding with the work. The responsibility of the Contractor to verify dimensions of service is the property of the Contractor. Do not scale drawings.

SUBURRY, ONTARIO

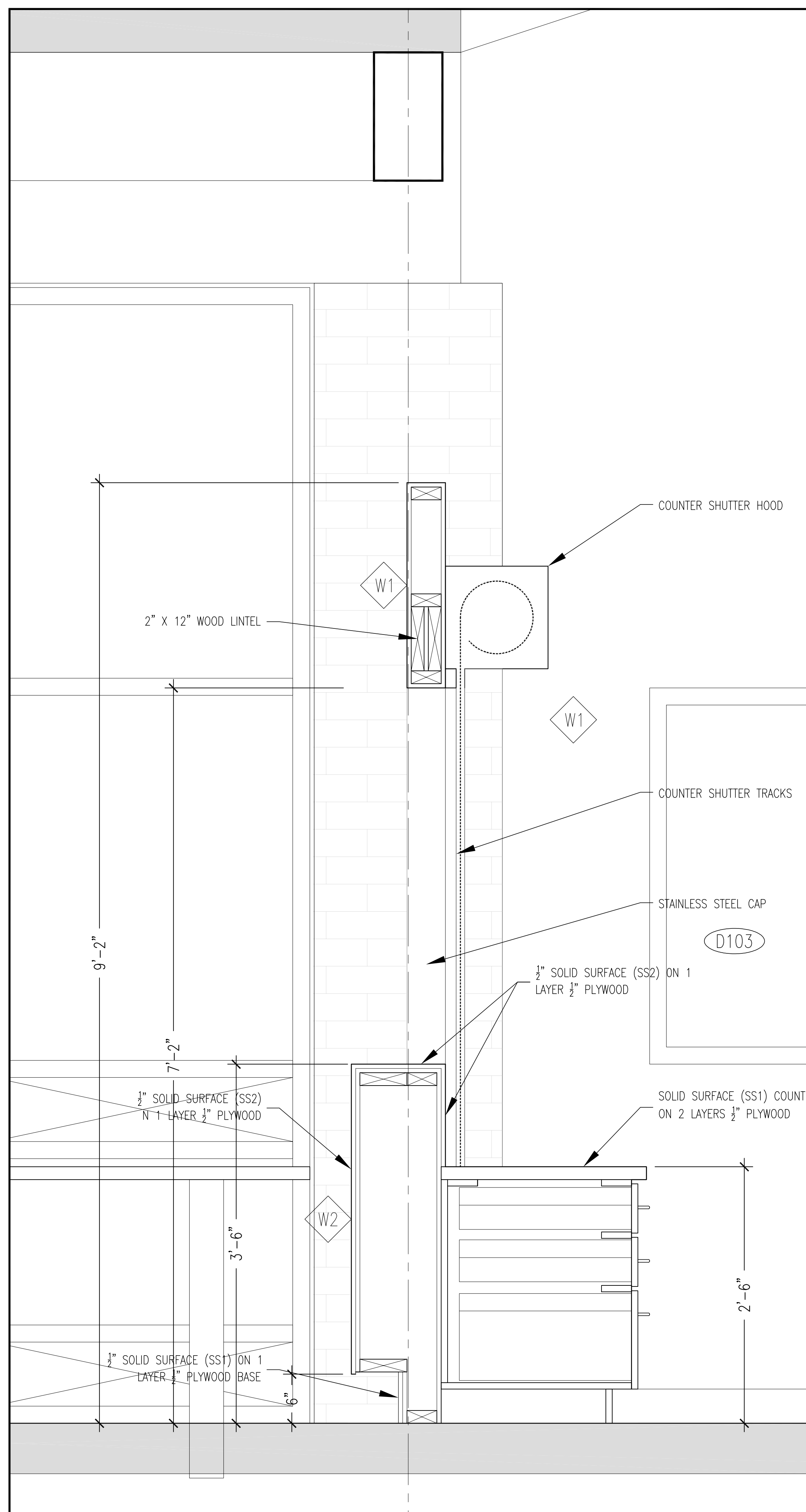
**Perry + Perry**  
ARCHITECTS INC

**WN RECREATION CENTRE**  
INTERIOR IMPROVEMENTS  
FLOOR PLANS

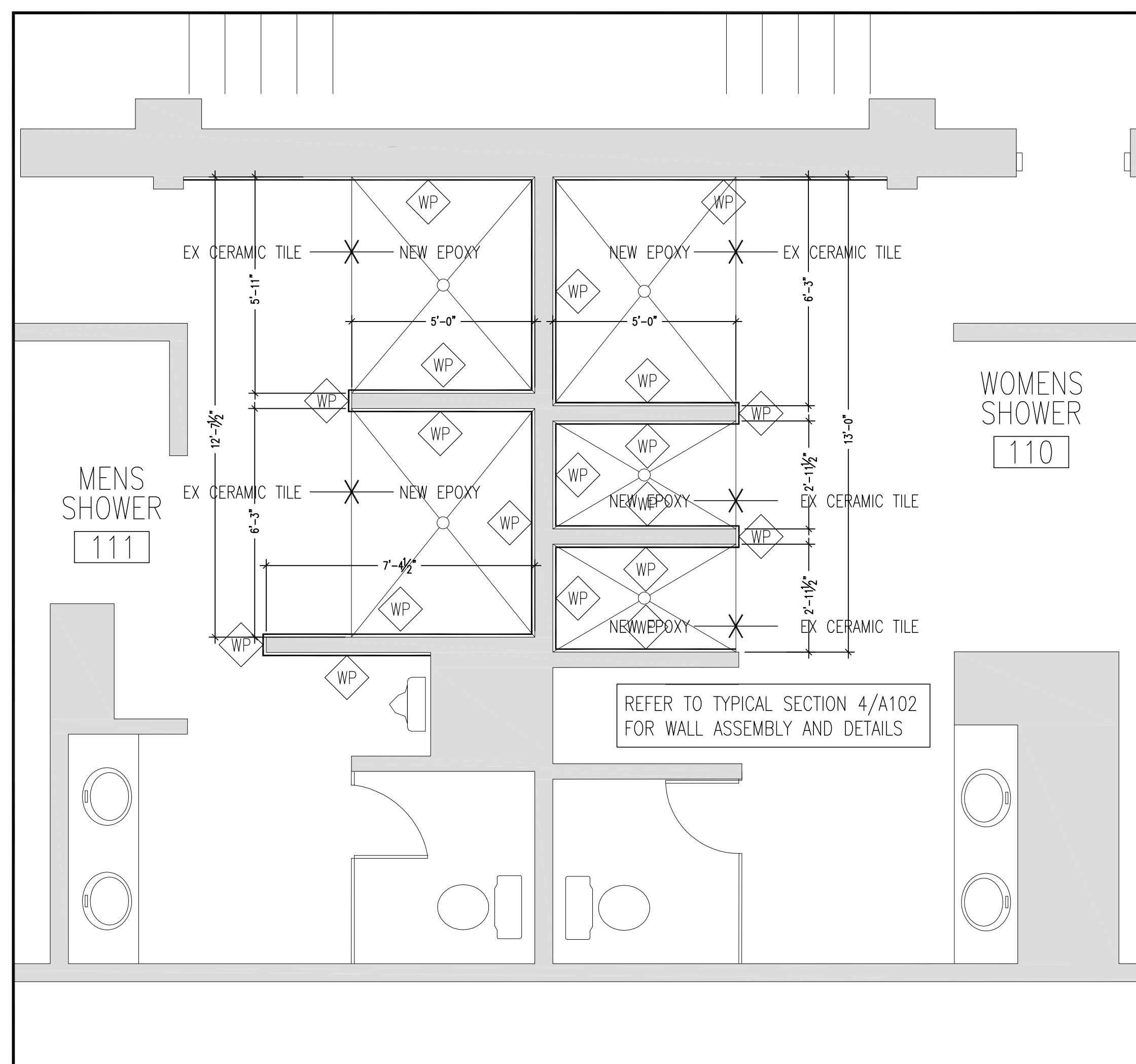
Date: JUNE 5, 2026  
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Job: 2026-030 (2607)

**A100**

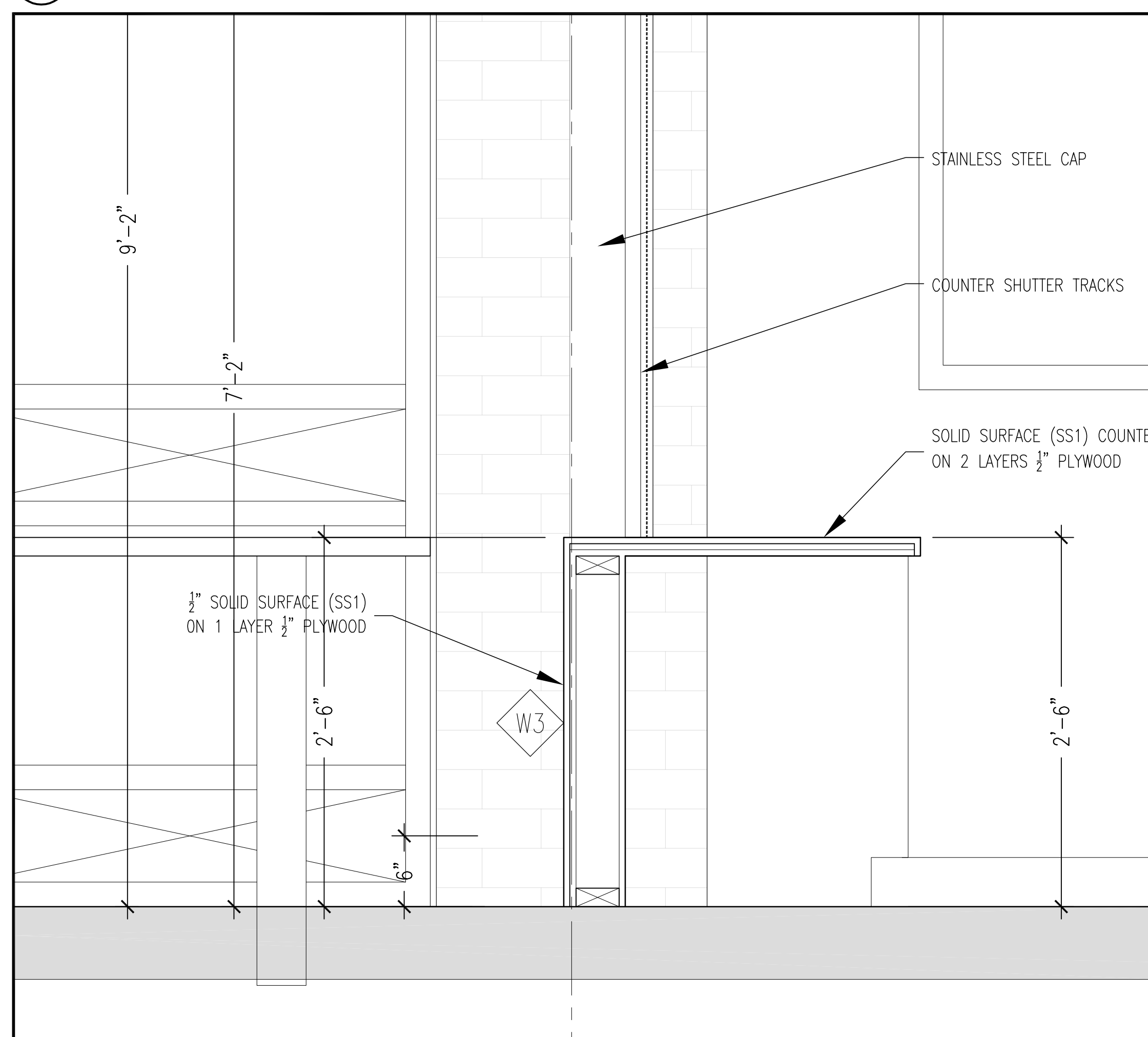




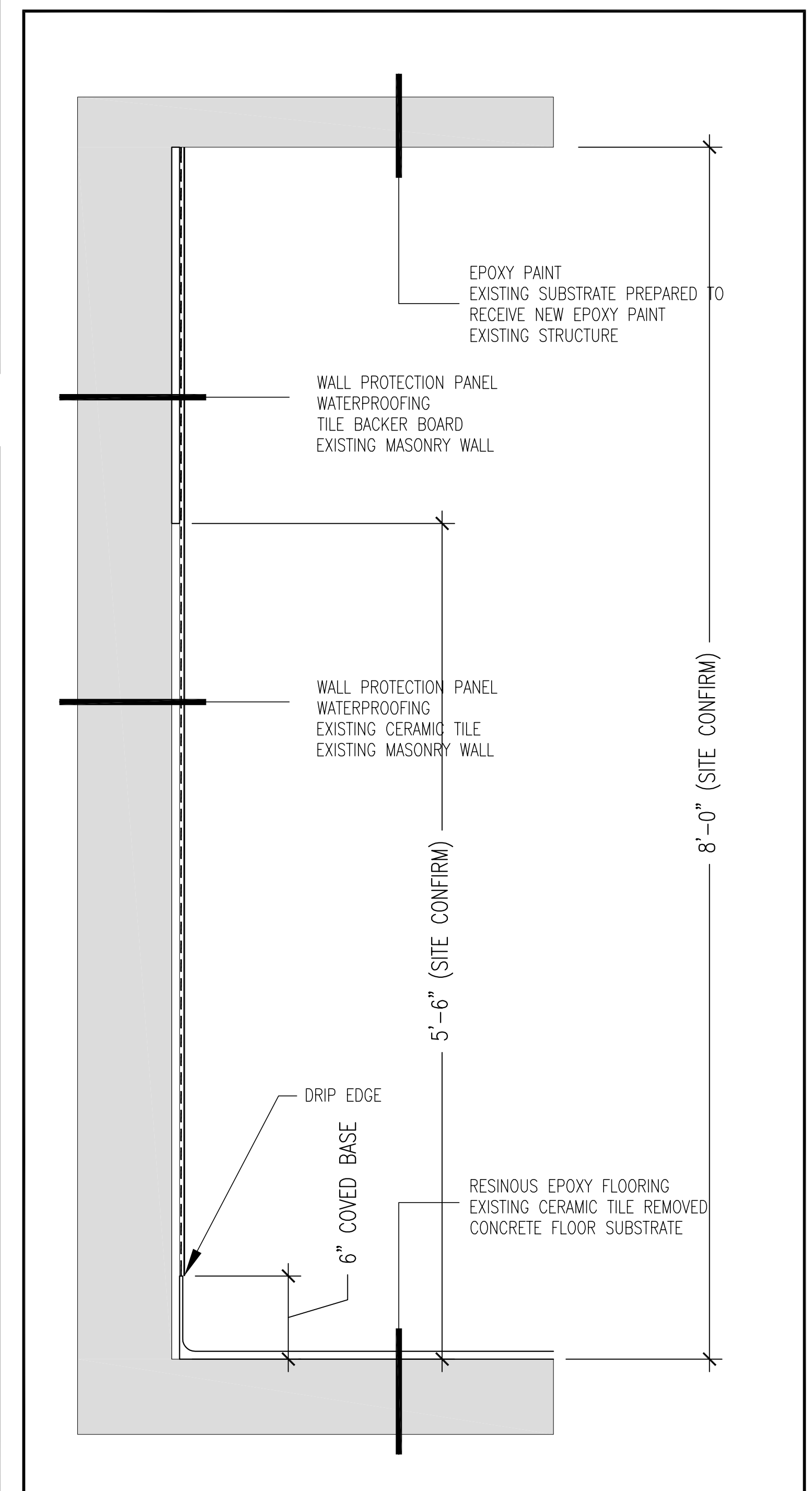
**1** INTERIOR SECTION  
A102 1-1/2"=1'-0"



**3** PARTIAL SHOWER FLOOR PLAN  
A102 3/8"=1'-0"



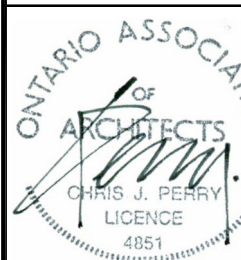
**2** INTERIOR SECTION  
A102 1-1/2"=1'-0"



**4** SHOWER SECTION  
A102 1-1/2"=1'-0"

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SUBURRY, ONTARIO

**Perry + Perry**  
ARCHITECTS INC

**WN RECREATION CENTRE**  
INTERIOR IMPROVEMENTS  
SECTIONS/DETAILS

Date: JUNE 5, 2026  
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**A102**

**GENERAL REQUIREMENTS - MECHANICAL AND ELECTRICAL BUILDING SYSTEMS**

1. GENERAL
  - 1 THE DIVISION 15 MECHANICAL AND THE DIVISION 16 ELECTRICAL CONTRACTORS SHALL:
    - 1 PERFORM ALL OF THE WORK AT THE PLACE OF THE WORK;
    - 2 PROVIDE ALL OF THE PRODUCTS TO THE PLACE OF THE WORK;
    - 3 PROVIDE ALL NECESSARY CONSTRUCTION MACHINERY AND EQUIPMENT "AT" AND "OFF" THE PLACE OF THE WORK;
    - 4 PROVIDE ANY AND ALL INCIDENTAL ITEMS ESSENTIAL TO THE NECESSARY FOR THE COMPLETION OF WORK AND THE INSTALLATION OF THE PRODUCT, AS PER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND/OR AS HEREIN SPECIFIED.
  - 2 INCLUDE ALL LABOUR MATERIAL AND EQUIPMENT REQUIRED FOR THE INSTALLATION, TESTING AND PUTTING AND OPERATION COMPLETE MECHANICAL AND ELECTRICAL SYSTEMS AS SHOWN ON THE PLANS AND AS SPECIFIED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS AND TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION.
2. INSTALLATION
  - 1 ALL WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER BY TRADESMEN LICENSED IN THE PARTICULAR TRADE, GOVERNING CODES AND REGULATIONS REPRESENT THE MINIMUM ACCEPTABLE STANDARDS.
  - 2 THE PRIME CONSULTANTS DRAWINGS AND INSTRUCTIONS SHALL GOVERN THE EXACT LOCATION OF ALL ITEMS.
  - 3 INSTALL ALL PRODUCTS AND SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND/OR INSTRUCTIONS.
  - 4 ALL PRODUCTS INSTALLED SHALL MEET THE APPLICABLE CSA, ULC, CGA REQUIREMENTS.
  - 5 VERIFY EXACT DIMENSIONS AND SPACE AVAILABLE ON SITE PRIOR TO ORDERING MATERIAL OR SHOP FABRICATION TO ENSURE THAT SYSTEMS AND PRODUCTS WILL SUIT.
3. CODES & FEES
  - 1 PROVIDE ALL PERMITS, LICENSES AND CERTIFICATES REQUIRED FOR THE WORK.
  - 2 ARRANGE FOR INSPECTION OF ALL WORK BY THE AUTHORITIES HAVING JURISDICTION. ON COMPLETION OF THE WORK, FURNISH FINAL UNCONDITIONAL CERTIFICATES OF APPROVAL BY THE INSPECTION AUTHORITIES.
  - 3 COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE APPLICABLE CSA STANDARDS, THE REQUIREMENTS OF ALL FEDERAL, PROVINCIAL AND MUNICIPAL CODES, THE APPLICABLE STANDARDS OF THE UNDERWRITER'S LABORATORY CANADA AND ALL OTHER AUTHORITIES HAVING JURISDICTION. THESE CODES AND REGULATIONS CONSTITUTE AN INTEGRAL PART OF THESE SPECIFICATIONS.
  - 4 SUBMIT ALL REQUIRED DOCUMENTATION TO THE AUTHORITIES FOR THEIR APPROVAL AND COMMENTS BEFORE STARTING WITH ANY WORK. PROVIDE ALL ADDITIONAL DOCUMENTATION AS MAY BE REQUIRED.
  - 5 IMMEDIATELY INFORM THE CONSULTANTS IN WRITING IF MODIFICATIONS TO THE WORK ARE REQUESTED AS A RESULT OF THE AUTHORITIES REVIEW FOR ISSUING APPROVALS AND PERMITS.
4. SUPERVISION-COORDINATION
  - 1 MAINTAIN AT THE PROJECT SITE AT ALL TIMES QUALIFIED PERSONNEL TO ENSURE THAT ALL WORK WILL BE CARRIED OUT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
  - 2 LAY OUT AND SCHEDULE ALL WORK TO PRECLUDE INTERFERENCE WITH OTHER WORK BEING CARRIED OUT IN THE BUILDING. COOPERATE WITH AND GIVE EVERY FACILITY TO THE SEVERAL TRADES TO EXPEDITE AND HAVE ALL MATERIALS AND EQUIPMENT INSTALLED TO THE BEST ADVANTAGE.
  - 3 WHERE EQUIPMENT IS TO BE BUILT IN: WORK WITH OTHERS TO ALLOW THE NECESSARY OPENINGS AND SPACE TO BE LEFT.
  - 4 PIPING, DUCTWORK, CONDUITS, ETC. SHALL BE INSTALLED NEATLY AND CLOSELY TO THE BUILDING STRUCTURE.
  - 5 IF IN THE CONSULTANTS' OPINION, PIPING, DUCTWORK OR OTHER WORK NOT INSTALLED IN A WORKMANLIKE MANNER WILL BE REPLACED AS DIRECTED.
5. OWNER'S EQUIPMENT
  - 1 PROVIDE ALL NECESSARY CONNECTIONS REQUIRED FOR EQUIPMENT OF OWNER AND OTHER DIVISIONS.
6. DRAWINGS AND SPECIFICATIONS
  - 1 EXAMINE ALL CONTRACT DOCUMENTS AND IDENTIFY ALL REQUIREMENTS.
  - 2 THE DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY EACH TO THE OTHER AND WHAT IS CALLED FOR BY ONE SHALL BE BIDDING AS IF CALLED FOR BY BOTH.
  - 3 SHOULD ANY DISCREPANCY APPEAR BETWEEN THE DRAWINGS AND SPECIFICATIONS WHICH LEAVES THE TRADE IN DOUBT AS TO THE TRUE INTENT AND MEANING OF THE PLANS AND SPECIFICATIONS, A RULING SHALL BE OBTAINED FROM THE CONSULTANT BEFORE SUBMITTING TENDER. IF THIS IS NOT DONE IT WILL BE ASSUMED THAT THE MOST EXPENSIVE ALTERNATE HAS BEEN INCLUDED.
  - 4 REVIEW THE MECHANICAL, ARCHITECTURAL, STRUCTURAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS PRIOR TO SUBMITTING TENDER AND REPORT ANY DISCREPANCIES TO THE CONSULTANT.
7. INSPECTION, CERTIFICATION AND REVIEW
  - 1 ARRANGE FOR INSPECTIONS OF ALL WORK BY THE AUTHORITIES HAVING JURISDICTION. ON COMPLETION OF THE WORK FURNISH FINAL UNCONDITIONAL CERTIFICATES OF APPROVAL BY THE INSPECTING AUTHORITIES.
  - 2 REQUEST FINAL REVIEW WHEN THE COMPLETED INSTALLATION HAS BEEN CHECKED BY THE DIVISION AND ALL DEFICIENCIES HAVE BEEN RECTIFIED.
  - 3 INSTRUCT THE OWNER'S REPRESENTATIVE IN ALL ASPECTS OF THE OPERATION OF SYSTEMS AND EQUIPMENT.
  - 4 SUBMIT A COMPLETE LIST OF SYSTEM INSTRUCTIONS TO THE CONSULTANT AT THE TIME OF FINAL INSPECTION, STATING FOR EACH SYSTEM: DATE INSTRUCTIONS WERE GIVEN TO THE OWNER'S STAFF; NAME OF PERSONS INSTRUCTED; AND SIGNATURE OF THE OWNER'S STAFF STATING THAT THEY PROPERLY UNDERSTAND THE SYSTEM INSTALLATION, OPERATION AND MAINTENANCE.
  - 5 ASSEMBLE TWO MANUALS, EACH CONTAINING DATA SHEETS, BROCHURES, OPERATING MAINTENANCE AND LUBRICATING INSTRUCTIONS AND A COMPLETE SET OF REVIEWED AND "AS-BUILT" SHOP DRAWINGS AND BIND IN HARD COVER. PRESENT ONE COPY FOR REVIEW AND HAND THE REVIEW COPY PLUS A DUPLICATE TO THE OWNER.
8. ELECTRICAL WIRING FOR MECHANICAL SYSTEMS
  - 1 DIVISION 15 MECHANICAL CONTRACTOR SHALL SUPPLY AND INSTALL THE FOLLOWING:
    - 1 ALL CONDUCTORS AND TERMINATIONS FOR LOW VOLTAGE (50V OR LESS) MECHANICAL CONTROL SYSTEMS. CARRY OUT THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 16.3.
    - 2 ALL TERMINATIONS OF LOW VOLTAGE CONTROL DEVICES FOR MECHANICAL SYSTEMS;
    - 3 ALL TEMPERATURE CONTROLLERS, LOW VOLTAGE THERMOSTATS, VALVE MOTORS, DAMPER MOTORS, FLOW SWITCHES AND OTHER CONTROL DEVICES AS MAY BE INDICATED FOR MECHANICAL CONTROL SYSTEMS.
  - 2 DIVISION 15 MECHANICAL CONTRACTOR SHALL SUPPLY TO THE DIVISION 16 ELECTRICAL CONTRACTOR THE FOLLOWING:
    - 1 LINE VOLTAGE THERMOSTATS FOR MECHANICAL SYSTEMS;
    - 2 TRANSFORMERS FOR MECHANICAL SYSTEMS;
    - 3 SPEED CONTROL SWITCHES FOR FAN EQUIPMENT;
    - 4 FANLIGHT COMBINATION TIME DELAY SWITCHES;
    - 5 NECESSARY RELAYS AND CONTACTORS FOR INTERLOCKED MECHANICAL CONTROL SYSTEMS;
    - 6 OTHER DEVICES AS MAY BE INDICATED ON THE DRAWINGS FOR MECHANICAL CONTROL SYSTEMS.
9. SHOP DRAWINGS
  - 1 SUBMIT ELECTRONIC COPY OF SHOP DRAWINGS FOR APPROVAL FOR ALL MAJOR EQUIPMENT.
10. FIRE STOPPING FOR MECHANICAL & ELECTRICAL SYSTEMS.
  - 1 COORDINATE WITH PROJECT MANAGER AND PROVIDE CERTIFIED ULC APPROVED FIRESTOPPING FOR ALL SERVICE PIPING SYSTEMS, DUCTED SYSTEMS AND ELECTRICAL WIRING SYSTEMS THAT PASS THROUGH RATED WALLS AND FLOORS.

**DIVISION 15B - HEATING, VENTILATION & AIR CONDITIONING SYSTEMS**

- 15A.1 OUTLINE OF WORK
  - 15A.1.1 THIS SUBDIVISION SHALL:
    1. PERFORM ALL OF THE WORK OF THIS DIVISION AT THE PLACE OF THE WORK.
    2. PROVIDE ALL OF THE PRODUCTS TO THE PLACE OF THE WORK.
    3. PROVIDE ALL OF THE NECESSARY CONSTRUCTION MACHINERY AND EQUIPMENT "AT" AND "OFF" THE PLACE OF THE WORK.
    4. PROVIDE ANY AND ALL INCIDENTAL ITEMS ESSENTIAL TO AND NECESSARY FOR THE COMPLETION OF THE WORK AND INSTALLATION OF PRODUCTS, AS PER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND/OR AS HEREIN SPECIFIED.
  - 15A.1.2 THE MECHANICAL CONTRACTOR, DIVISION 15B, SHALL PERFORM THE WORK REQUIRED AND NOT NECESSARILY LIMITED TO:
    1. EXTENSION OF NEW PUMPED CONDENSATE LINES FROM THE NEW HEAT PUMP UNITS TO EXISTING SANITARY PIPING SYSTEMS.
    2. FIRE STOPPING OF PLUMBING SYSTEMS THROUGH RATED BUILDING SYSTEMS.
  - 15A.1.3 CONDENSATE DRAIN SYSTEMS:
    1. INSTALL CONDENSATE DRAINS IN STRICT ACCORDANCE WITH THE HEAT PUMP INSTALLATION MANUAL.
    2. CONDENSATE DRAIN PIPING SYSTEMS - PVC PIPING
    3. SLOPE CONDENSATE LINES AS OUTLINED IN THE HEAT PUMP INSTALLATION MANUAL.
  - 15B.1.4 ALL WORK MUST BE SCHEDULED WITH THE PROJECT MANAGER AND THIS CONTRACTOR SHALL MAINTAIN A SUITABLE WORK FORCE AT THE SITE TO PERFORM THE WORK AS REQUIRED.

**DIVISION 15B - HEATING, VENTILATION & AIR CONDITIONING SYSTEMS**

- 15B.1 OUTLINE OF WORK
  - 15B.1.1 THIS SUBDIVISION SHALL:
    1. PERFORM ALL OF THE WORK OF THIS DIVISION AT THE PLACE OF THE WORK.
    2. PROVIDE ALL OF THE PRODUCTS TO THE PLACE OF THE WORK.
    3. PROVIDE ALL OF THE NECESSARY CONSTRUCTION MACHINERY AND EQUIPMENT "AT" AND "OFF" THE PLACE OF THE WORK.
    4. PROVIDE ANY AND ALL INCIDENTAL ITEMS ESSENTIAL TO AND NECESSARY FOR THE COMPLETION OF THE WORK AND INSTALLATION OF PRODUCTS, AS PER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND/OR AS HEREIN SPECIFIED.
  - 15B.1.2 THE MECHANICAL CONTRACTOR, DIVISION 15B, SHALL PERFORM THE WORK REQUIRED AND NOT NECESSARILY LIMITED TO:
    1. EXTENSION OF EXISTING SUPPLY AIR AND RETURN AIR DUCTED SYSTEMS TO THE RENOVATED RECEPTION AREAS.
    2. NEW HEAT PUMP UNITS WITH CONTROLS AS SCHEDULED.
    3. ROOF MOUNTING SYSTEMS FOR OUTDOOR CONDENSING UNITS
    4. REFRIGERATION PIPING SYSTEMS
    5. RETAIN SERVICES OF THE LANDLORD'S ROOFING CONTRACTOR FOR INSTALLATION OF ROOF MOUNTING FRAMES AND FLASHINGS FOR REFRIGERATION-ELECTRICAL CONTROL WIRING THRU EXISTING ROOF.
    7. LOW VOLTAGE CONTROL WIRING.
    8. COMMISSIONING AND BALANCING OF MECHANICAL SYSTEMS.
    9. MANUALS AND DEMONSTRATION OF SYSTEMS TO OWNERS
    10. FIRE STOPPING OF MECHANICAL SYSTEMS THROUGH RATED BUILDING SYSTEMS.

- 15B.1.3 WORK BY OTHERS
  - 1 CONDENSATE DRAINS - BY DW-15A CONTRACTOR
  - 2 LINE VOLTAGE WIRING BY DIVISION 16 CONTRACTOR.

- 15B.1.4 ALL WORK MUST BE SCHEDULED WITH THE PROJECT MANAGER AND THIS CONTRACTOR SHALL MAINTAIN A SUITABLE WORK FORCE AT THE SITE TO PERFORM THE WORK AS REQUIRED.

**15B.2 PRODUCTS**

- 2.1 HEAT PUMPS
  - 1 AS INDICATED ON SCHEDULE.
- 15B.3.1 - EXECUTION
  - 1.1 GENERAL
    - 1 DO WORK IN ACCORDANCE WITH ASHRAE, CSA B228.1 AND SMACNA.
    - 2 INSTALL HEAT PUMP SYSTEMS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION MANUAL.
  - 1.2 TESTING, ADJUSTING AND BALANCING
    - 1 START-UP, VERIFY FOR PROPER AND SAFE OPERATION OF MECHANICAL AND ASSOCIATED ELECTRICAL AND CONTROL SYSTEMS.
    - 2 COMMISSION ALL SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION MANUALS - SUBMIT REPORTS.
  - 1.3 CONTROLS
    - 1 SUPPLY AND INSTALL ALL CONTROL DEVICES AS REQUIRED TO BRING THE VARIOUS COMPONENTS OF THE HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS INTO A FULLY FUNCTIONAL AND INTEGRATED SYSTEM.
    - 2 SUPPLY AND INSTALL NECESSARY RELAYS AND DEVICES.
    - 3 CARRY OUT ALL LOW VOLTAGE WIRING (50V OR LESS) .

**DIVISION 16 - ELECTRICAL SYSTEMS**

- 16.1 OUTLINE OF WORK
  - 16.1.1 THIS SUBDIVISION SHALL:
    1. PERFORM ALL OF THE WORK OF THIS DIVISION AT THE PLACE OF THE WORK.
    2. PROVIDE ALL OF THE PRODUCTS TO THE PLACE OF THE WORK.
    3. PROVIDE ALL OF THE NECESSARY CONSTRUCTION MACHINERY AND EQUIPMENT "AT" AND "OFF" THE PLACE OF THE WORK.
    4. PROVIDE ANY AND ALL INCIDENTAL ITEMS ESSENTIAL TO AND NECESSARY FOR THE COMPLETION OF THE WORK AND INSTALLATION OF PRODUCTS, AS PER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND/OR AS HEREIN SPECIFIED.
  - 16.1.2 THE ELECTRICAL CONTRACTOR, DIVISION 16, SHALL PERFORM THE WORK REQUIRED AND NOT NECESSARILY LIMITED TO:
    1. REMOVALS OF EXISTING LIGHTING SYSTEMS, DEVICES AND REDUNDANT BRANCH CIRCUITRY IN THE AREA OF WORK.
    2. NEW DEVICES AND BRANCH CIRCUITRY AS SCHEDULED.
    3. NEW LIGHT FIXTURES AND SWITCHING AS SCHEDULED.
    4. NEW EMERGENCY AND EXIT LIGHTING SYSTEMS
    5. NEW RACEWAYS FOR POWER AND VOICE - DATA SYSTEMS AT THE RECEPTION COUNTER
    6. NEW BRANCH CIRCUITRY AS SCHEDULED.
    7. OUTLET BOXES AND CONDUITS AS REQUIRED FOR NEW VOICE/DATA SYSTEMS.
    8. VOICE DATA SYSTEM CABLEING AND DEVICES AND TERMINATION BY OWNER'S SYSTEM SUPPLIER.
    9. ELECTRICAL CIRCUITRY FOR NEW HEAT PUMP INDOOR AND ROOF MOUNT SYSTEMS.
    10. ELECTRICAL CIRCUITRY FOR TENANT'S EQUIPMENT AS SCHEDULED.
    11. ELECTRICAL CIRCUITRY FOR NEW AND RE-WORKED POWER DOOR OPERATORS.
    12. UPGRADE THE EXISTING FIRE ALARM SYSTEMS IN THE BUILDING AS SCHEDULED.
    13. CIRCUIT IDENTIFICATION LABELING OF ALL NEW DEVICES.
    14. FIRE STOPPING OF ELECTRICAL CONDUIT/CABLE SYSTEMS AT FIRE SEPARATIONS.
    15. COMMISSIONING OF NEW ELECTRICAL AND LIGHTING SYSTEMS.

- 16.1.3 WORK BY OTHERS
  - 1 LOW VOLTAGE CONTROL WIRING - BY Dkr. 15
  - 2 VOICE AND DATA DEVICES AND CABLEING SYSTEMS BY OWNER'S SERVICE PROVIDER.
  - 3 SOUND SYSTEMS BY OWNER'S SERVICE PROVIDER.

- 16.1.4 ALL WORK MUST BE SCHEDULED WITH THE PRIME CONTRACTOR AND THIS CONTRACTOR SHALL MAINTAIN A SUITABLE WORK FORCE AT THE SITE TO PERFORM THE REQUIRED WORK AS REQUIRED.

- 16.1.5 ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH ONTARIO ELECTRICAL SAFETY CODE.
  - 16.2 MATERIALS AND METHODS
    - 16.2.1 CONDUIT RACEWAYS SHALL BE EMT CONDUIT ON EXPOSED CEILING AND WALLS, AND IN MASONRY CONSTRUCTION - AC90BX IN STEEL STUD PARTITION WALLS.
    - 16.2.2 MINIMUM WIRE SIZE # 12 AWG COPPER, EXCEPT FOR MAIN SERVICE ALUMINUM CONDUCTORS NOT ACCEPTED.
    - 16.2.3 USE GALVANIZED STEEL OUTLET BOXES TO SUIT WALL CONSTRUCTION.
    - 16.2.4 ALL DEVICES AND EQUIPMENT TO BE CSA APPROVED.
    - 16.2.5 COORDINATE WIRING FOR MECHANICAL EQUIPMENT WITH THE DW. 15 CONTRACTOR.
    - 16.2.6 COORDINATE OWNER SUPPLIED SYSTEMS THROUGH THE PROJECT MANAGER.
    - 16.2.7 WIRE AND CABLE FOR POWER DISTRIBUTION SHALL BE PROVIDED AND SIZED AS NOTED ON THE DRAWINGS, BASED ON USE OF 75°C RATED THERMOPLASTIC TYPE RW90 COPPER CONDUCTORS.
    - 16.2.8 MAXIMUM VOLTAGE DROP ON ANY CIRCUIT TO BE 2%, INCREASE CONDUCTOR SIZE AS REQUIRED FOR LONGER RUNS.

- 16.3 DEVICES
  - 16.3.1 NEW RECEPTACLES AND SWITCHING TO BE COMMERCIAL GRADE.
  - 16.3.2 TAMPER-PROOF RECEPTACLES WHERE NOTED.
  - 16.3.2 PROVIDE GFCI DEVICES WHERE INDICATED AND REQUIRED BY CODE.
  - 16.3.3 ALL RECEPTACLES TO BE FITTED WITH CIRCUIT IDENTIFICATION.
  - 16.3.4 POWER/COMMUNICATION OUTLET BOXES AS SCHEDULED.

- 16.4 EQUIPMENT & DISTRIBUTION
  - 16.4.1 EXISTING ELECTRICAL PANELS IN THE 2ND FLOOR ELECTRICAL ROOM TO BE ALTERED AS REQUIRED TO INCORPORATE THE NEW/ALTERED SYSTEMS
  - 16.4.2 WHERE NOTED - EXISTING PANELS TO BE RE-USED. - PROVIDE NEW BREAKERS AS SCHEDULED

- 16.5 CONDUIT SYSTEMS FOR VOICE AND DATA SYSTEMS
  - 16.5.1 PROVIDE CONDUIT DROPS IN PARTITION WALLS AND UNDER SLABS COMPLETE WITH FULL CORDS.
  - 16.5.2 VOICE AND DATA CABLEING - Cat 6 - SUPPLIED AND INSTALLED BY THE OWNER'S SERVICE PROVIDER
  - 16.5.3 VOICE AND DATA DEVICES AND TERMINATION BY THE OWNER'S SERVICE PROVIDER.

- 16.6 LIGHTING SYSTEMS
  - 16.6.1 LIGHTING FIXTURES TO BE CSA APPROVED AND COMPLETE WITH LAMPS.
  - 16.6.2 SEE FIXTURE SCHEDULE ON THE DRAWINGS
  - 16.6.3 COORDINATE FIXTURE INSTALLATION WITH PROJECT MANAGER
  - 16.6.4 NEW EXIT AND EMERGENCY LIGHTING SYSTEMS AS SCHEDULED.

- 16.7 FIRE ALARM SYSTEMS
  - 16.7.1 THE EXISTING FIRE ALARM SYSTEMS FOR THE COMPLEX ARE TO BE UPGRADED
  - 16.7.2 REPLACE EXISTING MAIN FIRE ALARM CONTROL PANEL WITH NEW POWER BOOSTERS TO SERVE THE UPGRADED SYSTEMS
  - 16.7.3 INSTALL 3 ANNUNCIATOR PANELS WITH DISPLAY
  - 16.7.4 REPLACE EXISTING BELLS AND HORNS WITH HORN/STROBE UNITS
  - 16.7.5 REPLACE 4 EXISTING DUCT SMOKE DETECTORS
  - 16.7.6 TESTING AND CERTIFICATION OF UPGRADED SYSTEMS

- 16.7.4 FIRE ALARM SYSTEM UPGRADE TO BE CARRIED OUT BY:
  - Trans Canada Safety
  - Unit 4A, 1492 Main Street West
  - North Bay, ON Tel: 705 - 580 - 3473

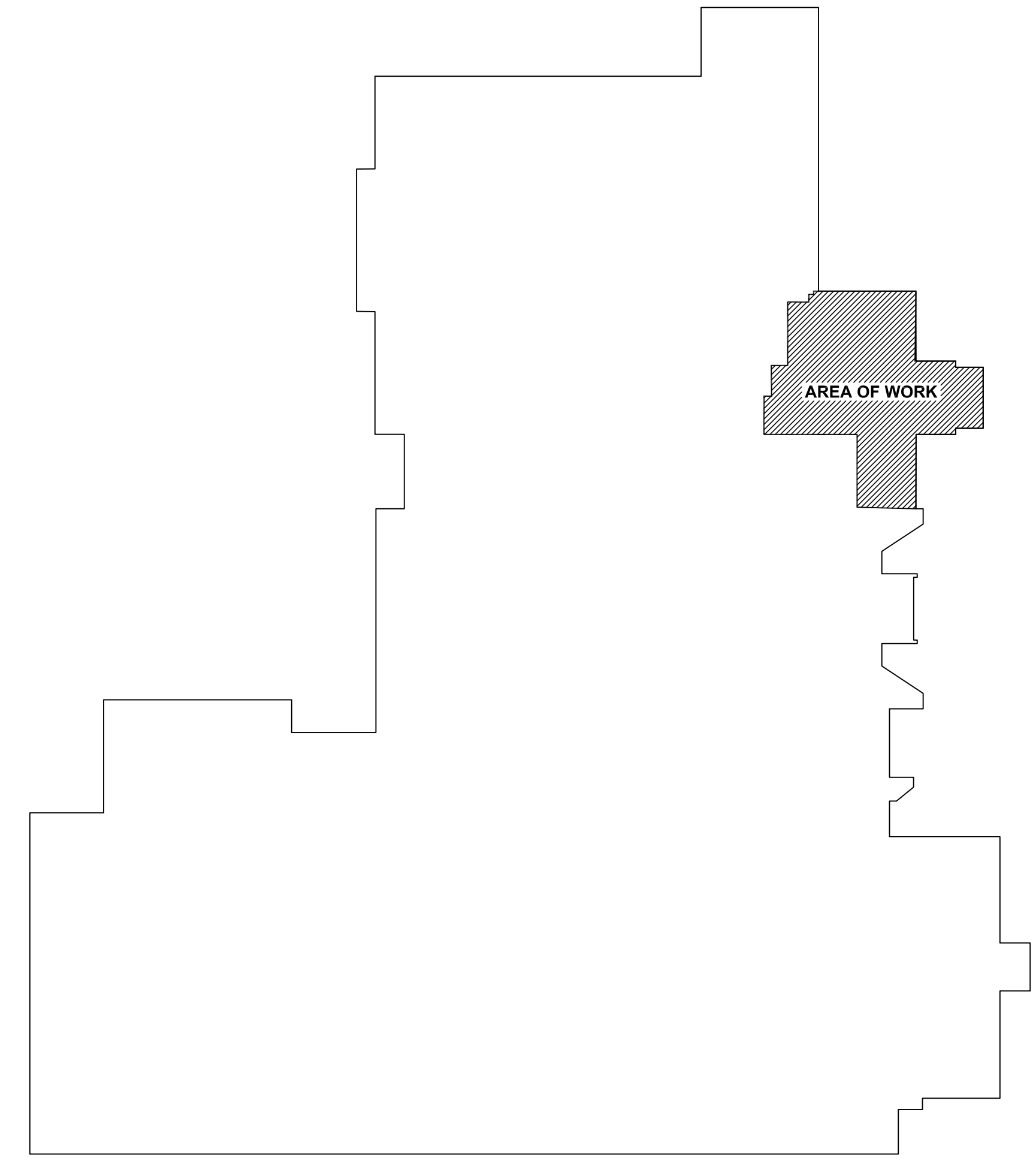
- 16.7.5 INSTALL SYSTEM TO CANULC-5525-M STANDARD.
- 16.7.6 VERIFY SYSTEM TO CANULC-5525-M STANDARD.
- 16.7.7 INSTALL WIRING SYSTEMS TO CONFORM TO SECTION 32 OF THE ELECTRICAL SAFETY CODE.
- 16.7.8 THE WORK OF THE FIRE ALARM SYSTEM UPGRADE IS TO BE CARRIED OUT WITHIN THIS PROJECT.

- 16.8 VOICE/DATA CONDUIT SYSTEMS
  - 16.8.1 ROUGH-IN OUTLET BOXES AND CONDUIT SYSTEMS TO CEILING PLENUM FOR VOICE AND DATA SYSTEMS
  - 16.8.2 ROUGH-IN OUTLET BOXES AND CONDUIT SYSTEMS TO CEILING PLENUM FOR CABLE TV SYSTEMS.

- 16.9 VOICE/DATA STRUCTURED CABLEING SYSTEMS
  - 16.9.1 THE WORK OF THIS SECTION INCLUDES THE:
    1. THE COMPLETE SUPPLY AND INSTALLATION OF A PLENUM RATED CABLEING SYSTEM FOR THE NEW VOICE SYSTEMS TO CAT 6 SPECIFICATIONS FOR ALL OUTLETS IN THE AREA OF WORK TO EXTEND THROUGH CEILINGS TO THE IT ROOM.
    2. PROVISION OF DATA JACKS AND VOICE JACKS AT ALL DESIGNATED DEVICES.
    3. TERMINATION OF ALL DATA CABLEING AT A 19" RACK IN THE IT ROOM.
    4. TERMINATION OF ALL VOICE CABLEING COILED AT CEILING OF THE IT ROOM.
    5. THE TESTING OF ALL VOICE AND DATA CABLE INSTALLATIONS TO CAT 6 STANDARDS AND SUBMISSION OF A TEST REPORT ON EACH CABLE.
    6. THE CABLEING SYSTEM MUST BE APPLICATIONS-INDEPENDENT AND NETWORK TECHNOLOGY-NEUTRAL.

**kle Drawing List**

- ME-0 MECHANICAL - ELECTRICAL SYSTEMS SPECIFICATION NOTES**
- ME-1 MECHANICAL - ELECTRICAL SYSTEMS REMOVALS PLAN**
- M-1 MECHANICAL SYSTEMS FLOOR PLAN**
- E-1 ELECTRICAL SYSTEMS FLOOR PLAN**



1 KEY PLAN  
ME-0 Scale: N.T.S.

KLE 4431 PAPER SIZE: 36" x 24" Plot of 1/8" = 1'-0"

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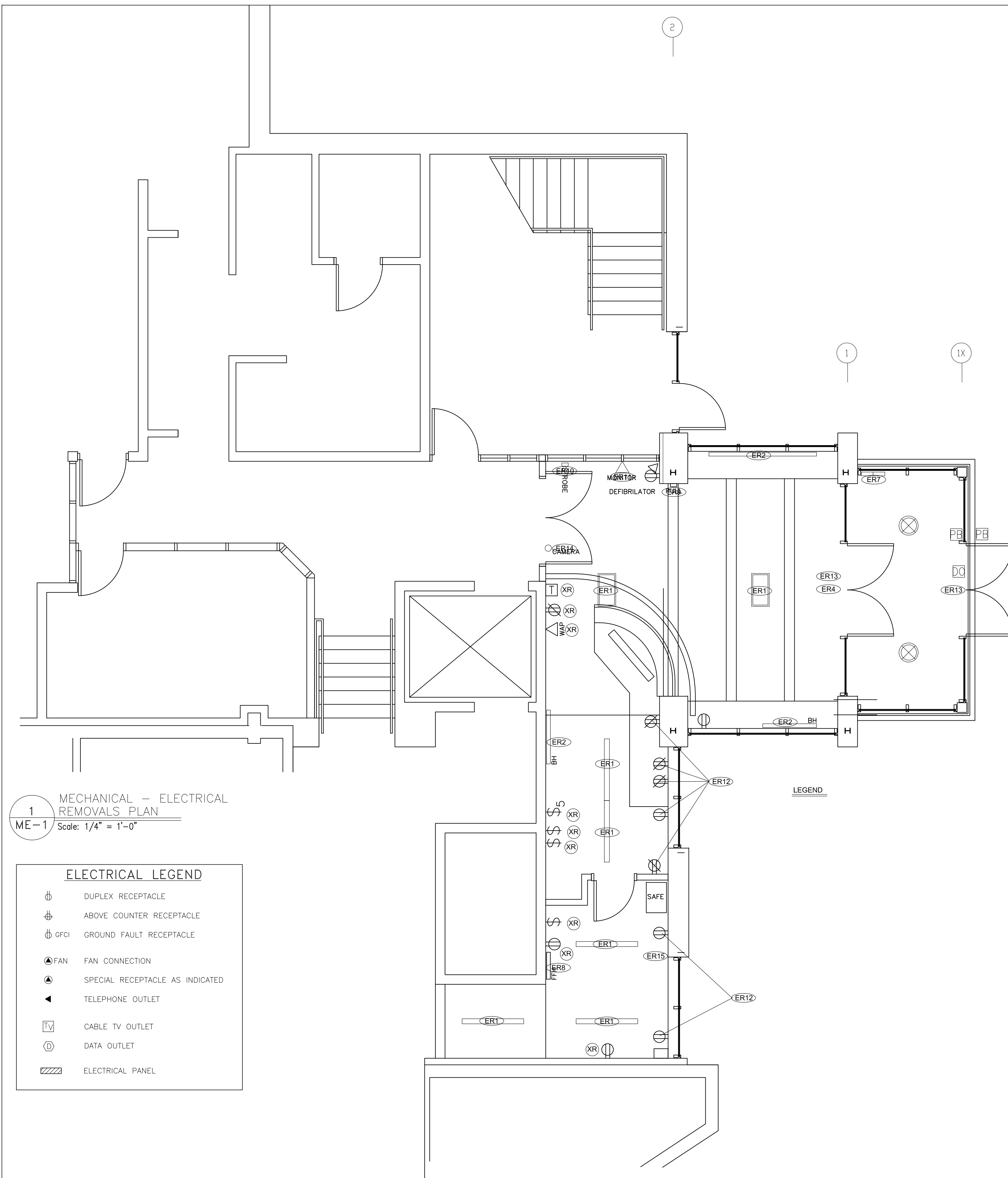


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E-Mail lang@bellnet.ca

**WN COMMUNITY & RECREATION CENTRE**  
**219 O'Hara Street A Sturgeon Falls, ON**  
**MECHANICAL - ELECTRICAL SYSTEMS SPECIFICATION NOTES**

Date:	June 2026
Scale:	As Noted
Drawn by:	M.A.
Checked by:	K.L.
Project No.:	4431
Drawing No.:	<b>ME-0</b>

Rev.0



1  
ME-1  
MECHANICAL - ELECTRICAL  
REMOVALS PLAN  
Scale: 1/4" = 1'-0"

ELECTRICAL LEGEND	
	DUPLEX RECEPTACLE
	ABOVE COUNTER RECEPTACLE
	GFCI GROUND FAULT RECEPTACLE
	FAN CONNECTION
	SPECIAL RECEPTACLE AS INDICATED
	TELEPHONE OUTLET
	CABLE TV OUTLET
	DATA OUTLET
	ELECTRICAL PANEL

ELECTRICAL SYSTEMS - REMOVAL NOTES

- (XR) EXISTING DEVICE TO REMAIN
- (ER1) EXISTING LIGHT FIXTURE TO BE REMOVED
- (ER2) EXISTING ELECTRIC BASEBOARD HEATER TO BE REMOVED
- (ER3) EXISTING DUPLEX RECEPTACLE IN MILLWORK TO BE REMOVED
- (ER4) EXISTING EXIT SIGNAGE TO BE REPLACED
- (ER5) EXISTING FIRE ALARM HORN/STROBE TO BE UPGRADED - SEE FIRE ALARM SYSTEM NOTES
- (ER6) EXISTING EMERGENCY LIGHT FIXTURE TO BE REPLACED
- (ER7) EXISTING ELECTRIC ENTRANCE HEATERS TO REMAIN REMOVE AND RE-INSTALL TO ACCOMMODATE FLOOR FINISHING THIS AREA.
- (ER8) EXISTING ELECTRIC HEATING UNIT TO BE REPLACED - SEE DRWG # E-1.
- (ER9) EXISTING FIRE ALARM PULL STATION TO REMAIN
- (ER10) EXISTING FIRE ALARM SIGNAL DEVICE TO BE REPLACED SEE FIRE ALARM SYSTEM SPECIFICATION NOTES # 16.7 - Drwg ME-0.
- (ER11) EXISTING TV MONITOR TO REMAIN
- (ER12) EXISTING DESK RECEPTACLES TO BE REMOVED SEE DRWG # ME-2 FOR NEW RACEWAY SYSTEMS THIS AREA
- (ER13) EXISTING POWER DOOR OPERATORS TO REMAIN
- (ER14) EXISTING CCTV CAMERA TO REMAIN
- (ER15) EXISTING ELECTRICAL AND COMMUNICATION WIRING SYSTEMS ON WALL ABOVE WINDOW TO BE RELOCATED TO WALL MOUNTING ABOVE THE NEW CEILING SYSTEMS THIS AREA.

- EXISTING FIRE ALARM PULL STATION TO REMAIN
- EXISTING DUPLEX RECEPTACLE TO REMAIN
- EXISTING POWER DOOR OPERATORS TO REMAIN
- EXISTING ELECTRIC BASEBOARD HEATER TO REMAIN
- (ER4) EXISTING ELECTRIC ENTRANCE HEATERS TO REMAIN
- EXISTING ELECTRIC BASEBOARD HEATER TO REMAIN
- EXISTING CLOCK TO REMAIN
- EXISTING CEILING DESTRATIFICATION FAN TO BE REPLACED
- EXISTING TV MONITOR SCREEN TO REMAIN

ME 4431 PAPER SIZE: 36" x 24" Plot at 1/8" = 1'-0"

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PROFESSIONAL STAMP



**kle**

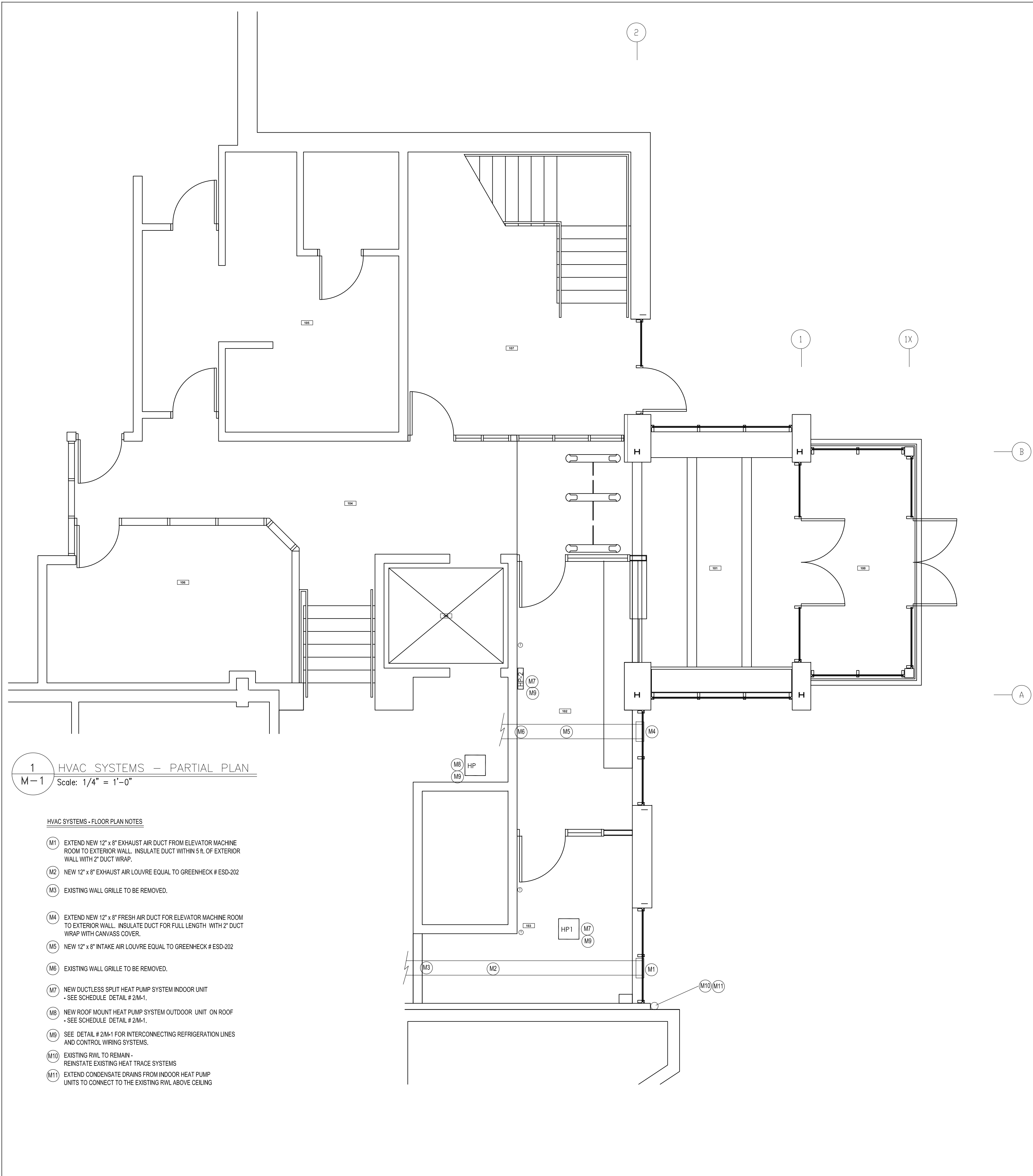
K. LANG ENGINEERING LTD.  
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**WN COMMUNITY & RECREATION CENTRE**  
219 O'Hara Street A Sturgeon Falls, ON

**MECHANICAL-ELECTRICAL SYSTEMS  
REMOVALS PLAN**

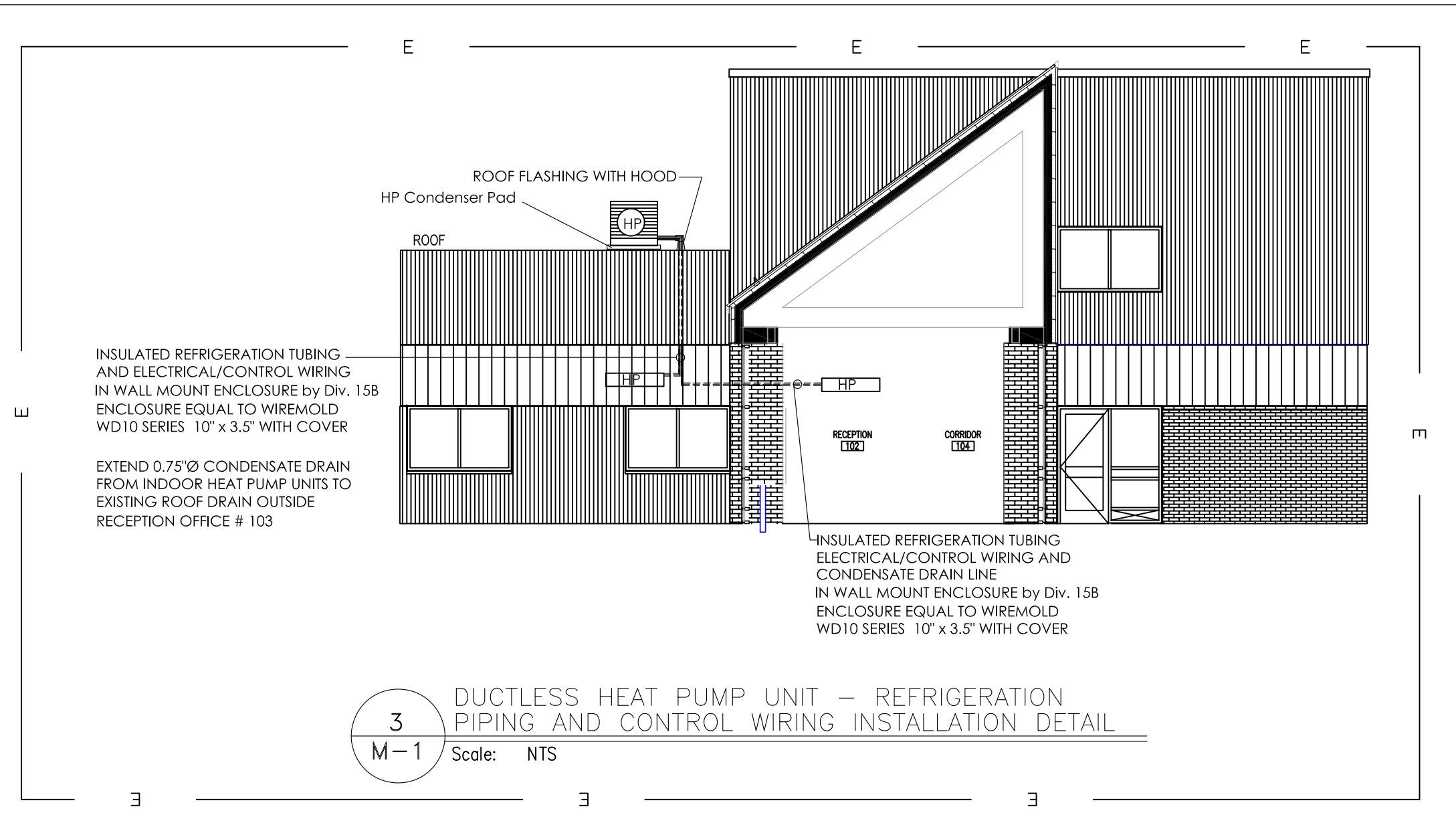
Date:	June 2026
Scale:	As Noted
Drawn by:	M.A. Checked by: K.L.
Project No.:	4431
Drawing No.:	<b>ME-1</b>

Rev.0



**1** HVAC SYSTEMS - PARTIAL PLAN  
M-1 Scale: 1/4" = 1'-0"

- HVAC SYSTEMS - FLOOR PLAN NOTES**
- (M1) EXTEND NEW 12" x 8" EXHAUST AIR DUCT FROM ELEVATOR MACHINE ROOM TO EXTERIOR WALL. INSULATE DUCT WITHIN 5 ft. OF EXTERIOR WALL WITH 2" DUCT WRAP.
  - (M2) NEW 12" x 8" EXHAUST AIR LOUVER EQUAL TO GREENHECK # ESD-202
  - (M3) EXISTING WALL GRILLE TO BE REMOVED.
  - (M4) EXTEND NEW 12" x 8" FRESH AIR DUCT FOR ELEVATOR MACHINE ROOM TO EXTERIOR WALL. INSULATE DUCT FOR FULL LENGTH WITH 2" DUCT WRAP WITH CANVASS COVER.
  - (M5) NEW 12" x 8" INTAKE AIR LOUVER EQUAL TO GREENHECK # ESD-202
  - (M6) EXISTING WALL GRILLE TO BE REMOVED.
  - (M7) NEW DUCTLESS SPLIT HEAT PUMP SYSTEM INDOOR UNIT - SEE SCHEDULE DETAIL # 2M-1.
  - (M8) NEW ROOF MOUNT HEAT PUMP SYSTEM OUTDOOR UNIT ON ROOF - SEE SCHEDULE DETAIL # 2M-1.
  - (M9) SEE DETAIL # 2M-1 FOR INTERCONNECTING REFRIGERATION LINES AND CONTROL WIRING SYSTEMS.
  - (M10) EXISTING R/WL TO REMAIN - REINSTATE EXISTING HEAT TRACE SYSTEMS
  - (M11) EXTEND CONDENSATE DRAINS FROM INDOOR HEAT PUMP UNITS TO CONNECT TO THE EXISTING R/WL ABOVE CEILING



**3** DUCTLESS HEAT PUMP UNIT - REFRIGERATION PIPING AND CONTROL WIRING INSTALLATION DETAIL  
M-1 Scale: NTS

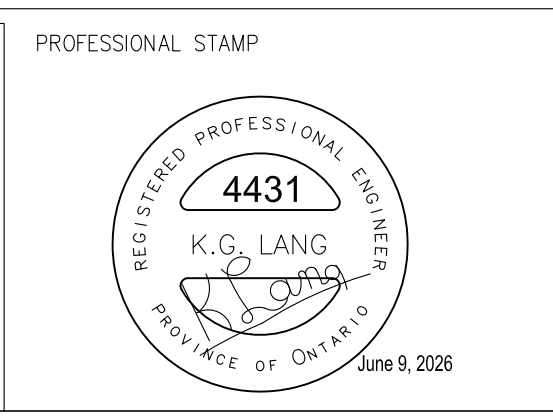
INDOOR UNIT		OUTDOOR UNIT		DAIKEN SYSTEM ACCESSORIES	
TAG	HP2 HP1	UNIT DESIGNATION	CU #1	Wired Remote Controller	# BRC073A6
UNIT DESIGNATION	RECEPTION RECEPTION OFFICE	STANDARD OF ACCEPTANCE	Daiken 2MXM18AVJU9 Two Port Heat Pump	S21 Wiring Adapter	# KRFG67A4E
UNIT TYPE	WALL MOUNT CEILING CASSETTE	CAPACITY	Clg 17,200 BTUH Htg 18,500 BTUH	Wired Remote Controller Card	# BRCW901A08
STANDARD OF ACCEPTANCE	DAIKEN CTXV07AVJU9 DAIKEN FFQ09W2VJU8	ELECTRICAL OUTDOOR UNIT	208/3/60 20A MOCP	R32 Navigation Controller	# BRC1NRV71
MOUNTING	WALL SURFACE CEILING CASSETTE T-BAR CEILING	REFRIGERANT PIPING	To Manufacturer's Schedule	VISTA Decorative Panel	# BYFQ60C3W2W
HEATING CAPACITY	9,000 BTUH 9,000 BTUH			EcoFoot Mini Frame	# MF-120
COOLING CAPACITY	8,000 BTUH 8,000 BTUH				
ELECTRICAL INDOOR UNIT	208/1/60 From CU1 From CU1				
CONTROLLER	REMOTE CONTROLLER REMOTE CONTROLLER				

Note: Daikin system uses R32 Refrigerant R32 Refrigerant available Q3-2026

**2** DUCTLESS HEAT PUMP UNITS SCHEDULE  
M-1 Scale: NTS

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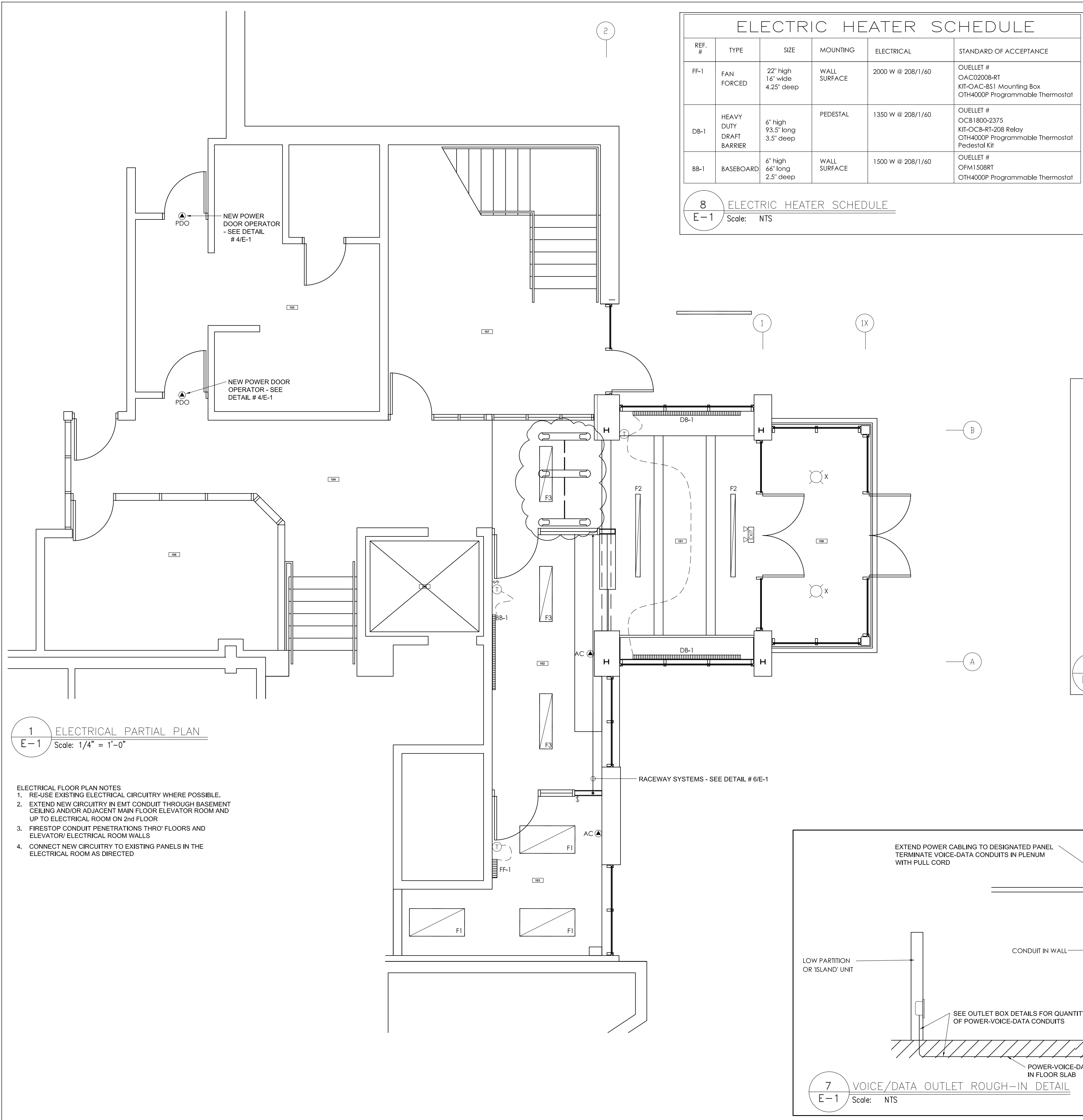


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**WN COMMUNITY & RECREATION CENTRE**  
**219 O'Hara Street A Sturgeon Falls, ON**  
**MECHANICAL SYSTEMS**  
**FLOOR PLANS & DETAILS**

Date:	June 2026
Scale:	As Noted
Drawn by:	M.A.
Checked by:	K.L.
Project No.:	4431
Drawing No.:	<b>M-1</b>

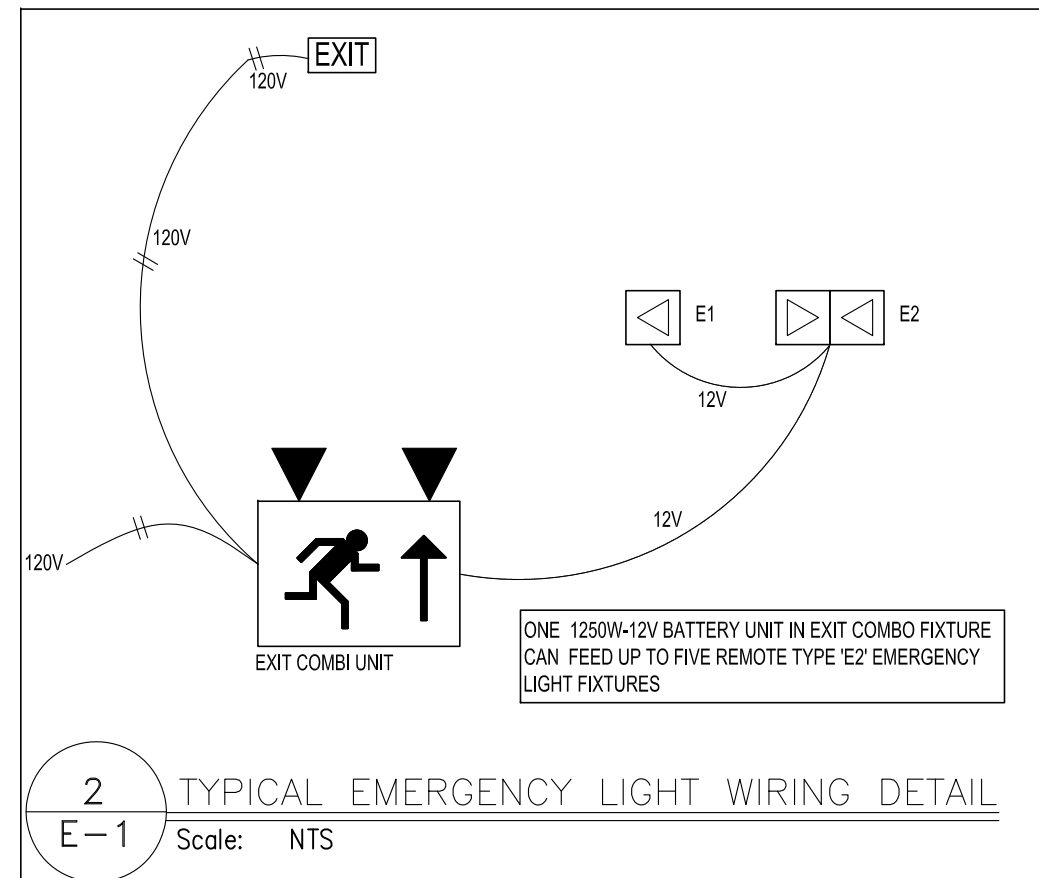
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### ELECTRIC HEATER SCHEDULE

REF. #	TYPE	SIZE	MOUNTING	ELECTRICAL	STANDARD OF ACCEPTANCE
FF-1	FAN FORCED	22" high 16" wide 4.25" deep	WALL SURFACE	2000 W @ 208/1/60	OUELLET # OAC02008-RT KIT-OAC-B51 Mounting Box OTH4000P Programmable Thermostat
DB-1	HEAVY DUTY DRAFT BARRIER	6" high 93.5" long 3.5" deep	PEDESTAL	1350 W @ 208/1/60	OUELLET # OCB1800-2375 KIT-OCB-RT-208 Relay OTH4000P Programmable Thermostat Pedestal Kit
BB-1	BASEBOARD	6" high 66" long 2.5" deep	WALL SURFACE	1500 W @ 208/1/60	OUELLET # OFM1508RT OTH4000P Programmable Thermostat

**8** ELECTRIC HEATER SCHEDULE  
E-1 Scale: NTS



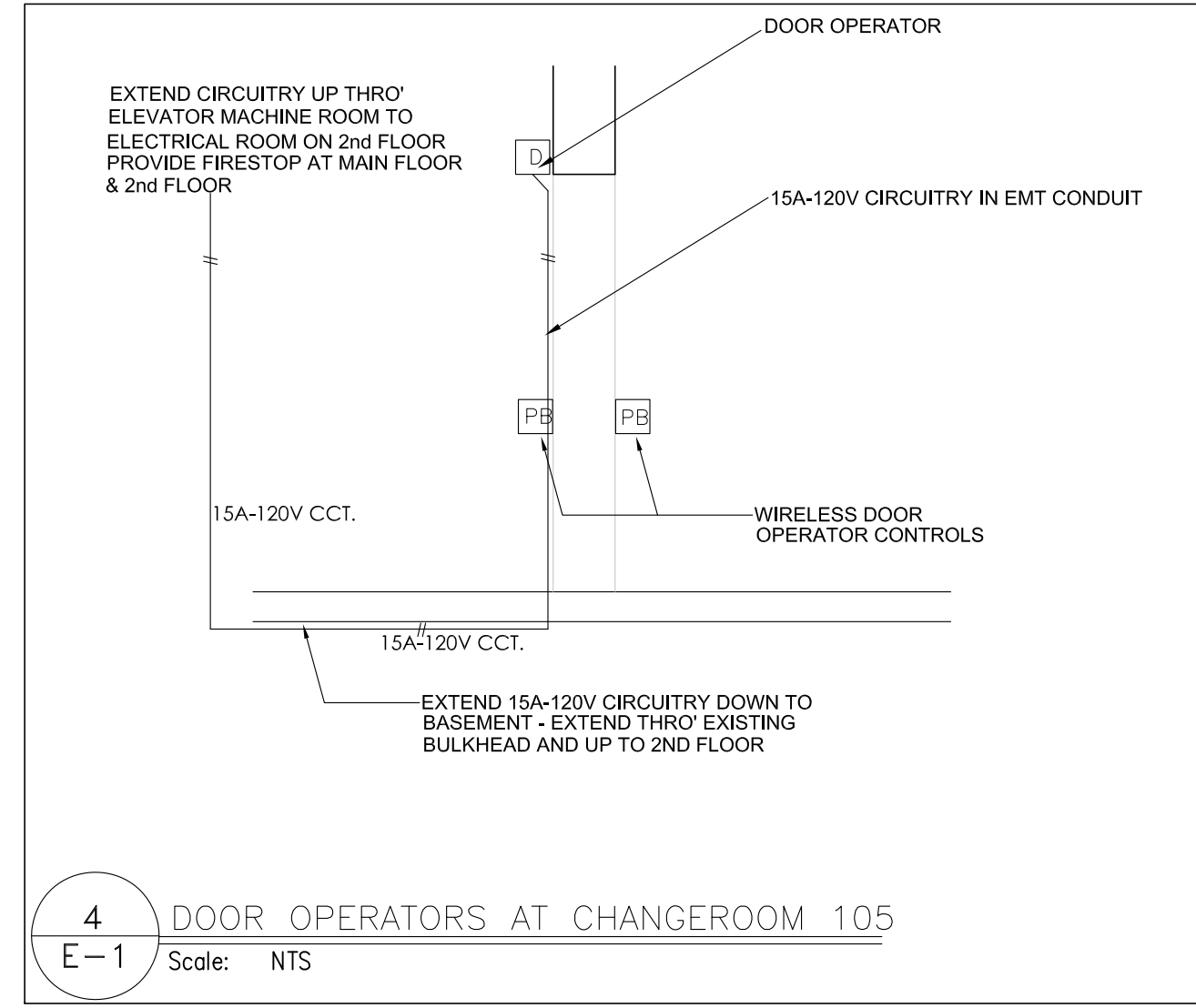
### LIGHT FIXTURE SCHEDULE

FIXTURE #	AREA SERVED	TYPE	MOUNTING	NOMINAL SIZE	VOLTAGE	STD. OF ACCEPTANCE
F1	OFFICE	LED	RECESSED T-BAR	24" x 48"	34.9W 3500K 3953 Lumens	COOPER LIGHTING # 24CG15-NUV
F2	ENTRANCE	LED	SUSPENDED MOUNT	4'W x 72'L	7.44W 120 V Up: 1452 Lumens Down: 7554 Lumens	COOPER LIGHTING # QS-SQ4-F-025U-125D-835-1D-UNV-STD-W-AC48-IB-6
F3	RECEPTION	LED	SUSPENDED MOUNT	11'W x 48'L	31 W 120 V 4,663 Lumens	COOPER LIGHTING # 4CZL-S-FUL-UNV-L835-CD1 c/w #HBAYC-CHAIN/SET-U

**3** LIGHT FIXTURE SCHEDULE  
E-1 Scale: NTS

**1** ELECTRICAL PARTIAL PLAN  
E-1 Scale: 1/4" = 1'-0"

- ELECTRICAL FLOOR PLAN NOTES**
- RE-USE EXISTING ELECTRICAL CIRCUITRY WHERE POSSIBLE.
  - EXTEND NEW CIRCUITRY IN EMT CONDUIT THROUGH BASEMENT CEILING AND/OR ADJACENT MAIN FLOOR ELEVATOR ROOM AND UP TO ELECTRICAL ROOM ON 2nd FLOOR
  - FIRESTOP CONDUIT PENETRATIONS THRO' FLOORS AND ELEVATOR/ ELECTRICAL ROOM WALLS
  - CONNECT NEW CIRCUITRY TO EXISTING PANELS IN THE ELECTRICAL ROOM AS DIRECTED

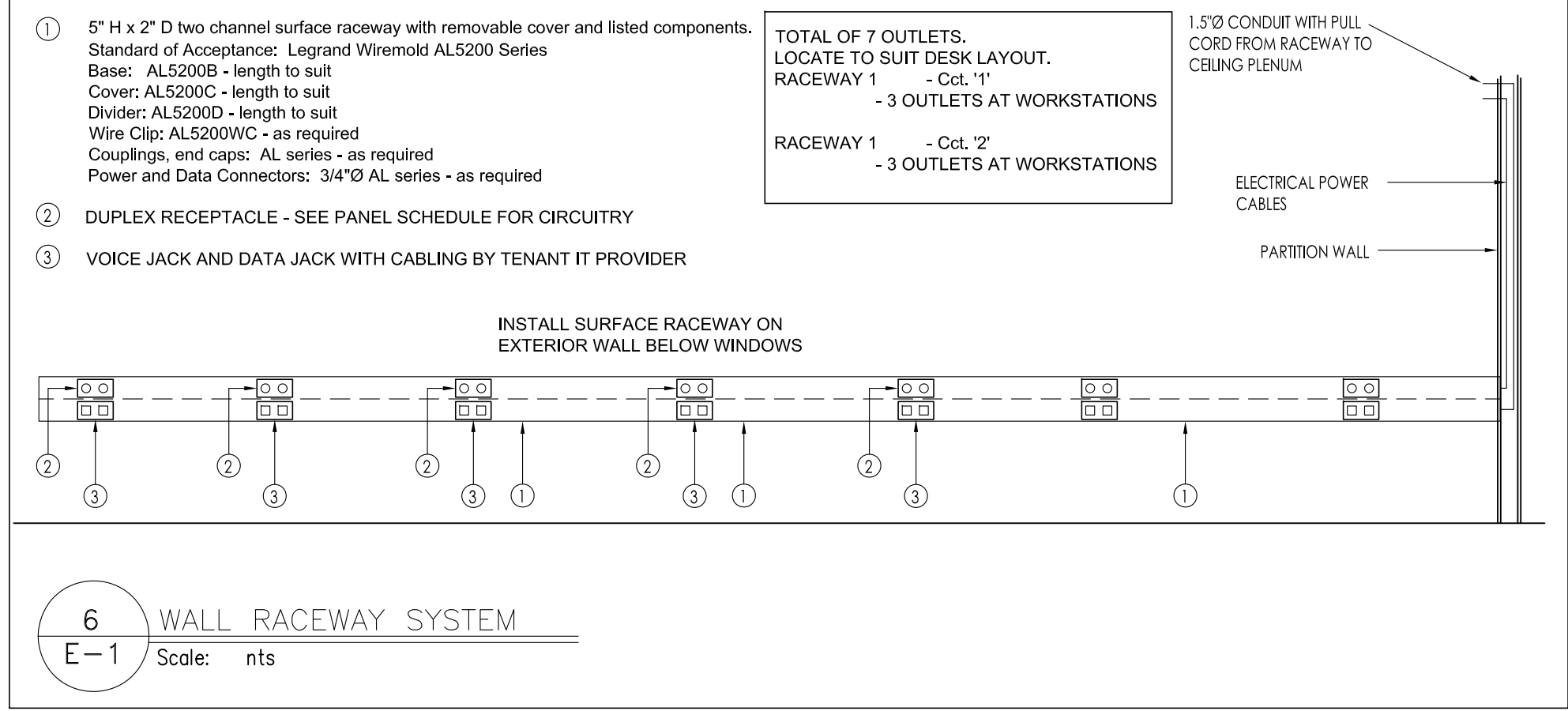
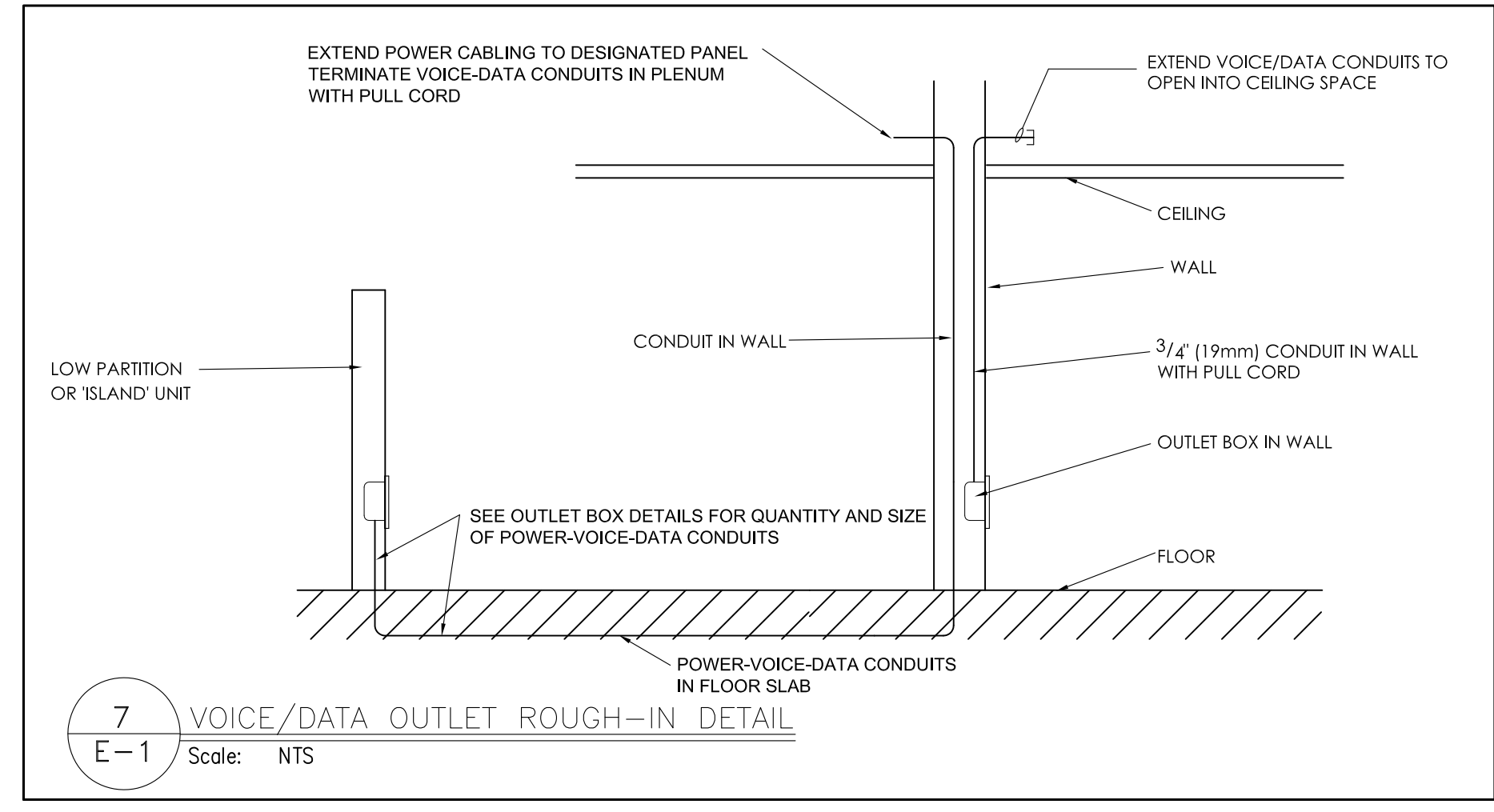


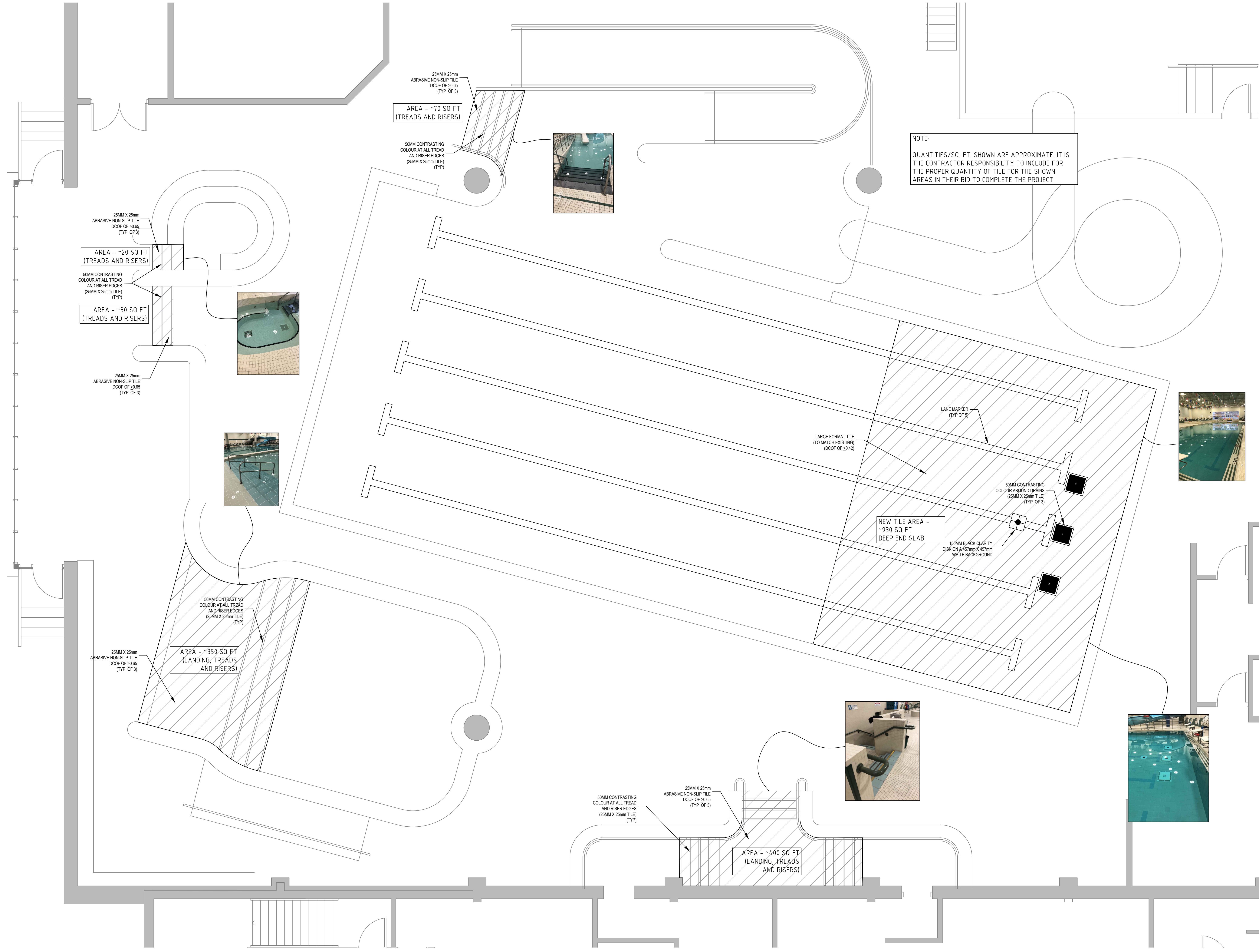
### EMERGENCY LIGHT FIXTURE SCHEDULE

FIXTURE #	AREA SERVED	TYPE	MOUNTING	NOMINAL SIZE	VOLTAGE	STD. OF ACCEPTANCE
BP	EMERGENCY BATTERY PAK	LED	SURFACE MOUNT		12 V	LUMACELL # RG12S-360-2-LD7-W-U
EXIT	EXIT/EMERGENCY COMBINATION RUNNING MAN	LED PLUS 12V BATTERY	SURFACE MOUNT	2 x LD9 (5W)	120V-12V	LUMACELL # LAC-1250-W-2-LD9
EXIT	DIRECTIONAL EXIT LIGHT RUNNING MAN	PICTOGRAM	SURFACE MOUNT		12 V	LUMACELL # LA-2-W-U
E1	EMERGENCY LIGHT	LED	SURFACE MOUNT	1 x 5W LED	12 V	LUMACELL # MQM1-LD9
E2	EMERGENCY LIGHT	LED	SURFACE MOUNT	2 x 5W LED	12 V	LUMACELL # MQM2-LD9

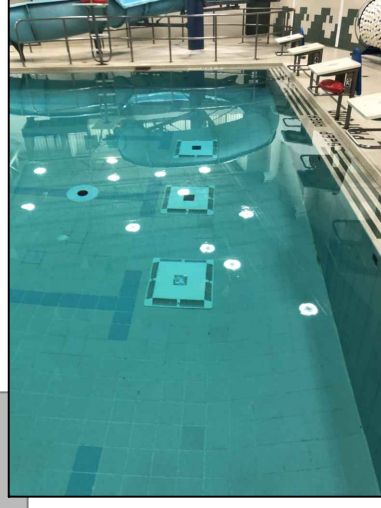
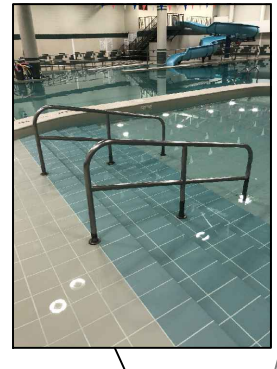
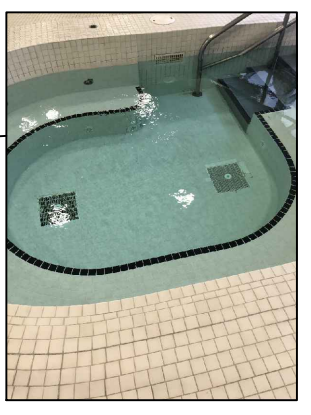
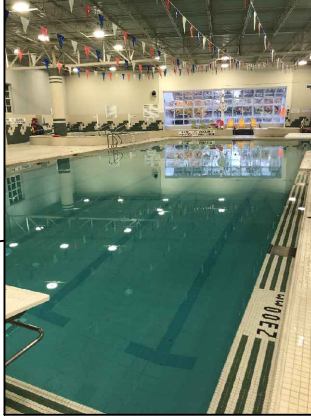
EMERGENCY LIGHTING WIRING SIZE														
12 VOLT WIRING DISTANCES (IN FEET)														
WIRE SIZE	13W	18W	25W	30W	35W	50W	60W	75W	100W	150W	200W	250W	300W	400W
No. 12	165	110	85	71	61	42	35	29	21	14	10	8	-	-
No. 10	260	190	136	112	97	68	52	45	34	23	17	14	11	-
No. 8	415	300	215	180	154	108	90	72	54	36	27	21	18	-
No. 6	660	475	340	285	245	170	140	114	86	57	43	34	28	-
No. 4	1050	760	540	455	390	275	225	182	137	91	68	55	45	-

**5** EMERGENCY LIGHT FIXTURE SCHEDULE  
E-1 Scale: NTS





**NOTE:**  
 QUANTITIES/SQ. FT. SHOWN ARE APPROXIMATE. IT IS THE CONTRACTOR RESPONSIBILITY TO INCLUDE FOR THE PROPER QUANTITY OF TILE FOR THE SHOWN AREAS IN THEIR BID TO COMPLETE THE PROJECT



REVISIONS			
NO.	DATE	DESCRIPTION	INT.
1.	JUNE-2026	ISSUED FOR TENDER	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
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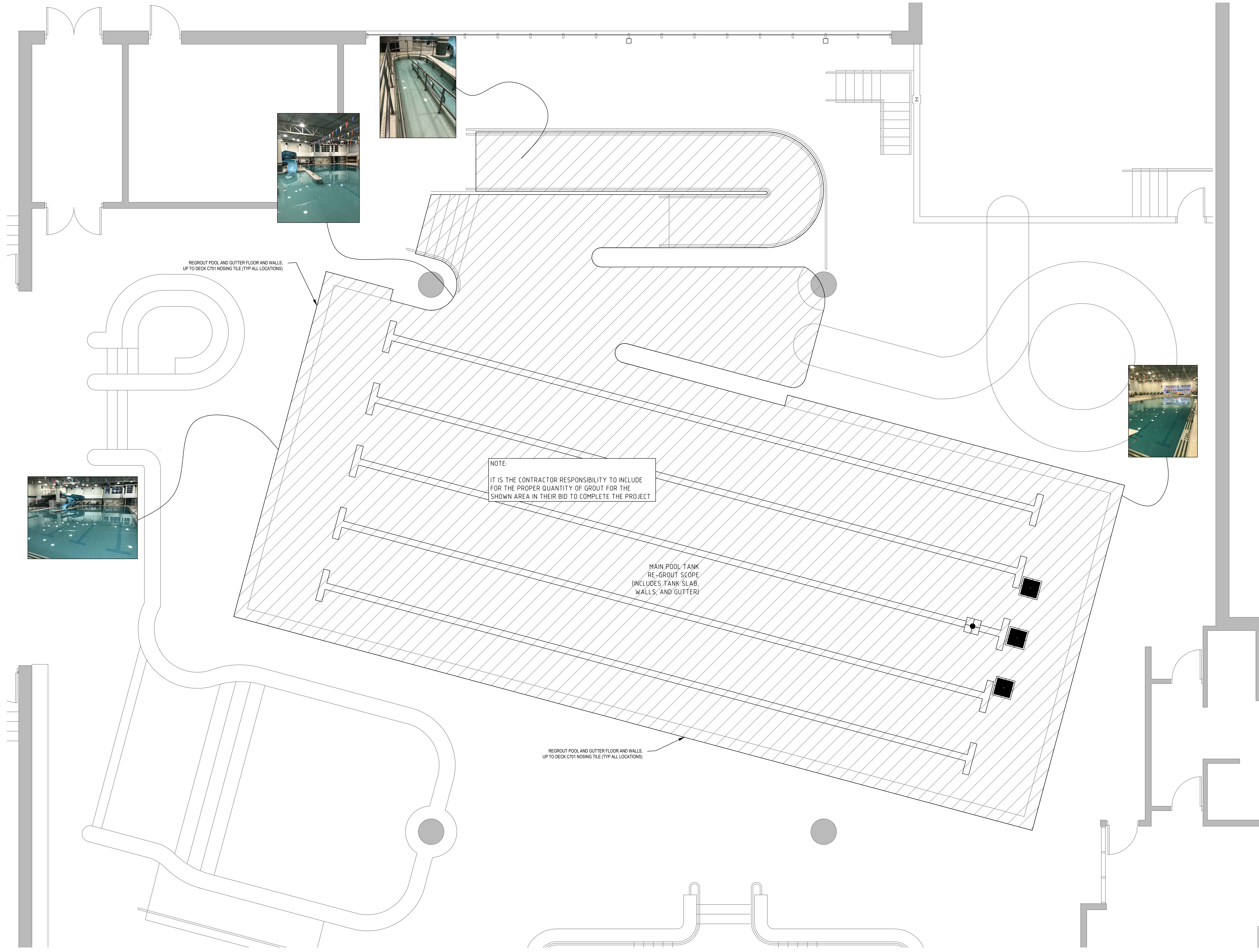
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**AQUA PLANS**  
 aquatic consultants inc.  
 ph: (519) 743-6760

PROJECT:  
 WEST NIPPISSING C&RC  
 219 O'HARA STREET  
 STURGEON FALLS, ON

DRAWING TITLE:  
 POOL AREA TILE REPLACEMENT  
 SCOPE AREAS

SCALE: 1:50	DRAWING NO.:
DATE: MAY 2026	<b>PL1.0</b>
DRAWN BY: LB	
CHECKED BY: MS	
PROJECT NO.: D26023	



REVISIONS			
NO.	DATE	DESCRIPTION	INT.
1.	JUNE-2026	ISSUED FOR TENDER	
2.			
3.			
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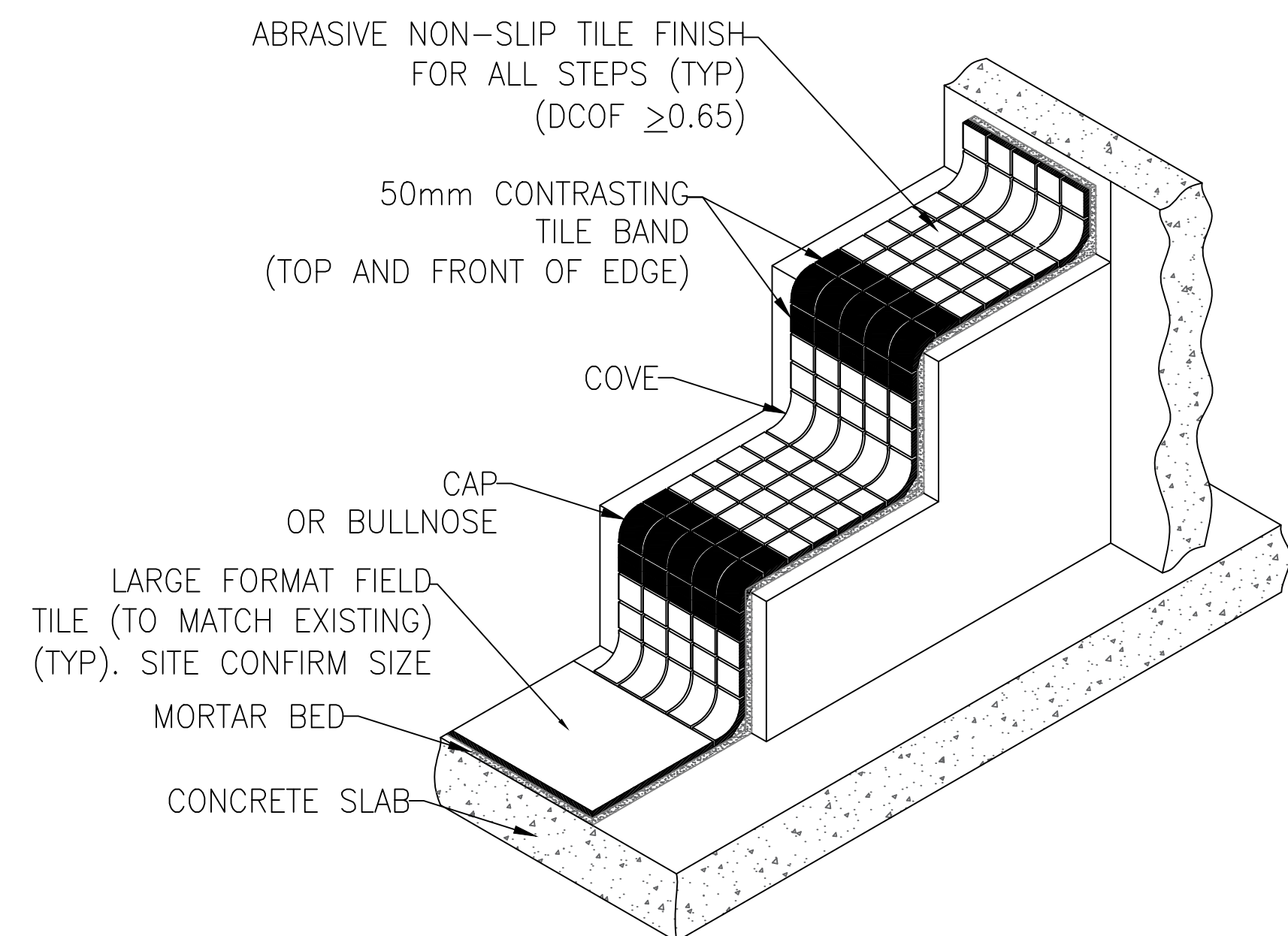
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PROJECT:  
 WEST NIPPISSING C&RC  
 219 O'HARA STREET  
 STURGEON FALLS, ON

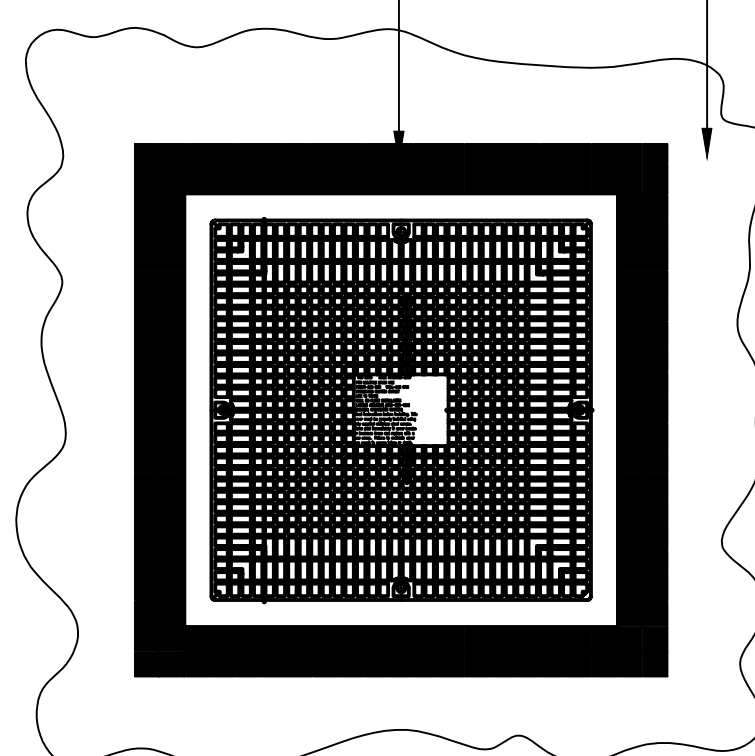
DRAWING TITLE:  
 MAIN POOL TANK RE-GROUT  
 SCOPE AREA

SCALE:	1:50	DRAWING NO.:	PL1.1
DATE:	MAY 2026		
DRAWN BY:	LB		
CHECKED BY:	MS		
PROJECT NO.:	D26023		



TYPICAL TILE FINISH  
(STEPS)  
N.T.S.

50mm CONTRASTING  
TILE BAND AROUND  
MAIN DRAIN, 1"x1" TILE (TYP)



TYPICAL MAIN FINISHED DETAIL  
SCALE: N.T.S.

## KEYSTONES™ COLORBODY™ PORCELAIN

SIZES		SO. FT. CARTON	PIECES PER CARTON
2 x 2 Mosaic Tile (Dot-mounted on 1' x 2' sheet)	(Piece 1-15/16" x 1-15/16") (Sheet 11-7/8 x 23-7/8) (Sheet 30.23 cm x 60.71cm)	24.00	12
1 x 1 Mosaic Tile (Dot-mounted on 1' x 2' sheet)	(Piece 15/16" x 15/16") (Sheet 11-7/8 x 23-7/8) (Sheet 30.23 cm x 60.71cm)	24.00	12
2 x 1 Straight-joint Mosaic (Dot-mounted on 1' x 2' sheet)	(Piece 1-15/16" x 15/16") (Sheet 11-7/8 x 23-7/8) (Sheet 30.23 cm x 60.71cm)	24.00	12
2 x 1 Brick-work Mosaic (Dot-mounted on 1' x 2' sheet)	(Piece 1-15/16" x 15/16") (Sheet 11-7/8 x 23-7/8) (Sheet 30.23 cm x 60.71cm)	22.00	12
2" Hexagon Mosaic (Dot-mounted on 1' x 2' sheet)	(Piece 1-15/16" x 1-15/16") (Sheet 11-7/8 x 23-7/8) (Sheet 30.23 cm x 60.71cm)	24.24	12
1" Hexagon Mosaic (Dot-mounted on 1' x 2' sheet)	(Piece 15/16" x 15/16") (Sheet 11-7/8 x 23-7/8) (Sheet 30.23 cm x 60.71cm)	21.00	12
2 x 4 Straight-joint Mosaic (Dot-mounted on 1' x 2' sheet)	(Piece 1-15/16" x 3-15/16") (Sheet 11-7/8 x 23-7/8) (Sheet 30.23 cm x 60.71cm)	16.00	8
2 x 4 Brick-work Mosaic (Dot-mounted on 1' x 2' sheet)	(Piece 1-15/16" x 3-15/16") (Sheet 11-7/8 x 23-7/8) (Sheet 30.23 cm x 60.71cm)	13.36	8

THICKNESS	GROUT JOINT RECOMMENDATION
1/4" (6/16" for 2x4)	1/8" Approximately

### RESIDENTIAL USAGE

FLOORS	WALLS	COUNTERTOPS	EXTERIOR PATIOS	EXTERIOR POOL DECKS
<b>F</b>	<b>W</b>	<b>C</b>	<b>EP</b>	<b>ED</b>

### COMMERCIAL USAGE

	INTERIOR			EXTERIOR	
	Light Residential	Commercial	Commercial	Residential	Commercial
Floors/Patios	✓	✓	✓	✓	✓
Walls/Backsplashes	✓	✓	✓	✓	✓
Countertops	✓	✓	✓	✓	✓
Pool Decking	✓	✓	✓	✓	✓
Pool Linings	✓	✓	✓	✓	✓

Suitable for exterior patios (including pool decks and linings) in freezing and non-freezing climates when proper installation methods are followed.  
For pool installations, Keystones is available in ClearFace mount film. Contact your sales representative for more information.

### TEST RESULTS

	ASTM#	Result
Water Absorption	C373	< 0.5%
Breaking Strength	C648	300 lbs
Scratch Hardness	MOHS	N/A
Chemical Resistance	C650	Resistant
Dynamic C.O.F.	A137.1	(Non-abrasive) Wet: ≥ 0.42 (Abrasive) Wet: ≥ 0.42
Static C.O.F.	C1028	(Non-abrasive) Wet: ≥ 0.60 Dry: ≥ 0.70 (Abrasive) Wet: ≥ 0.68 Dry: ≥ 0.73

Dynamic C.O.F. (Wet) value as measured by the DCOF AcuTest helps to assess a product's suitability for a commercial environment. For more information, visit our website at [www.daltile.com/DCOF](http://www.daltile.com/DCOF).

### TRIM

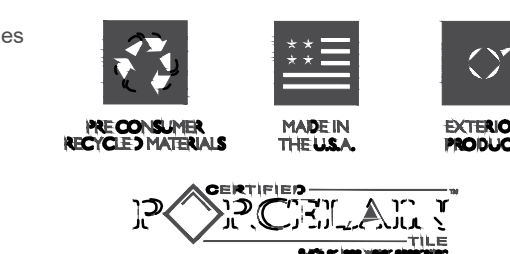
TYPE	NUMBER	SIZE	PIECES PER CARTON	GROUPS
Bullnose	S-862	1 x 1	196	1, 2
Bullnose	S-886	2 x 2	108	1, 2, 3, 4
Bullnose	S-4249	2 x 4	180	1, 2
Bullnose Corner	SC-862	1 x 1	100	1, 2
Bullnose Corner	SC-886	2 x 2	100	1, 2, 3, 4
Cove Base	C-813	1 x 1	84	1, 2
Cove Base	C-833	2 x 2	84	1, 2, 3
Cove Base Corner	CB-813	1 x 1	100	1, 2
Cove Base Corner	CK-813	1 x 1	100	1, 2, 3
Cove Base Corner	SB-816	2 x 2	100	1, 2
Cove Base Corner	SB-816	2 x 2	100	1, 2
Outcorner	SCRL-833	2 x 1	100	1, 2, 3
Universal Trim	S-812	1 x 1	112	1, 2
Universal Trim	S-832	2 x 2	112	1, 2
Universal Trim	SC-813/ SU-813	2 x 2	100	1, 2, 3
Universal Trim	C-701	1 x 1	50	1, 2, 3, 4
Build-up Base	MB-4C	(3) Rows 1 x 1 (1) Row C-813	26	1, 2
Build-up Base	MB-5	(1) Row S-862 (3) Rows 1 x 1 (1) Row C-813	26	1, 2
Build-up Base	MB-5A	(2) Rows 2 x 2 (1) Row C-833	26	1, 2, 3
Build-up Base	MB-5B	(1) Row S-886 (1) Row 2 x 2 (1) Row C-833	26	1, 2, 3

**SHADE VARIATION**

LOW (V1) – SOLIDS  
Monochromatic; consistent color within each tile and from tile to tile.

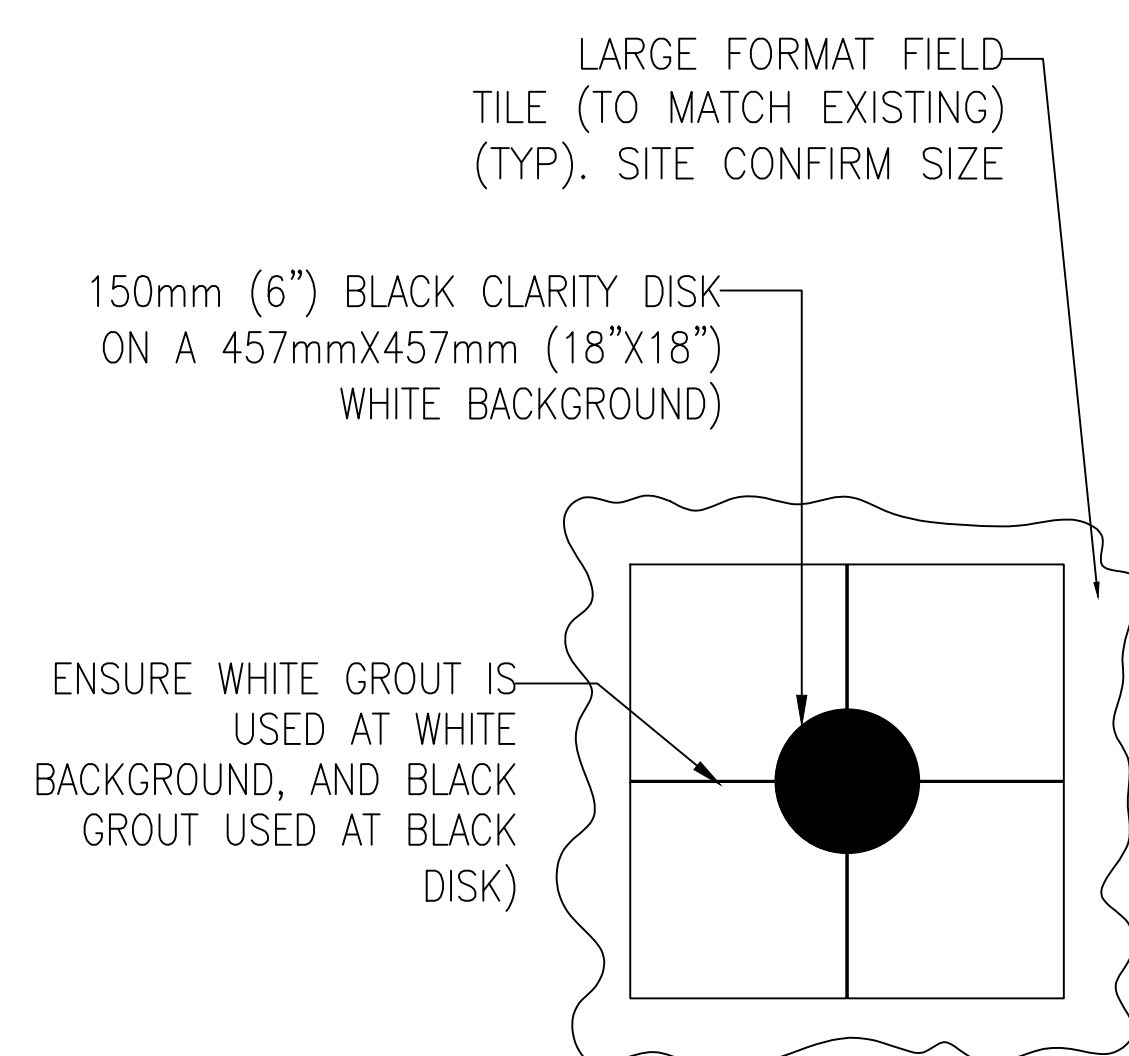
HIGH (V3) – MOTTLED or SPECKLED  
Color variation from tile to tile and within each tile.

RANDOM (V4) – BLENDS  
Color variation from tile to tile and within each tile.



7834 C. F. Hawn Freeway | Dallas, TX 75217 | 214.398.1411 800.933.TILE  
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## 1"x1" NEW STAIR TILE SCALE: N.T.S.



TYPICAL BLACK CLARITY DISK  
DEEP END  
SCALE: N.T.S.

REVISIONS			
NO.	DATE	DESCRIPTION	INT.
1.	JUNE-2026	ISSUED FOR TENDER	
2.			
3.			
4.			
5.			
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7.			
8.			
9.			
10.			

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STAMP:

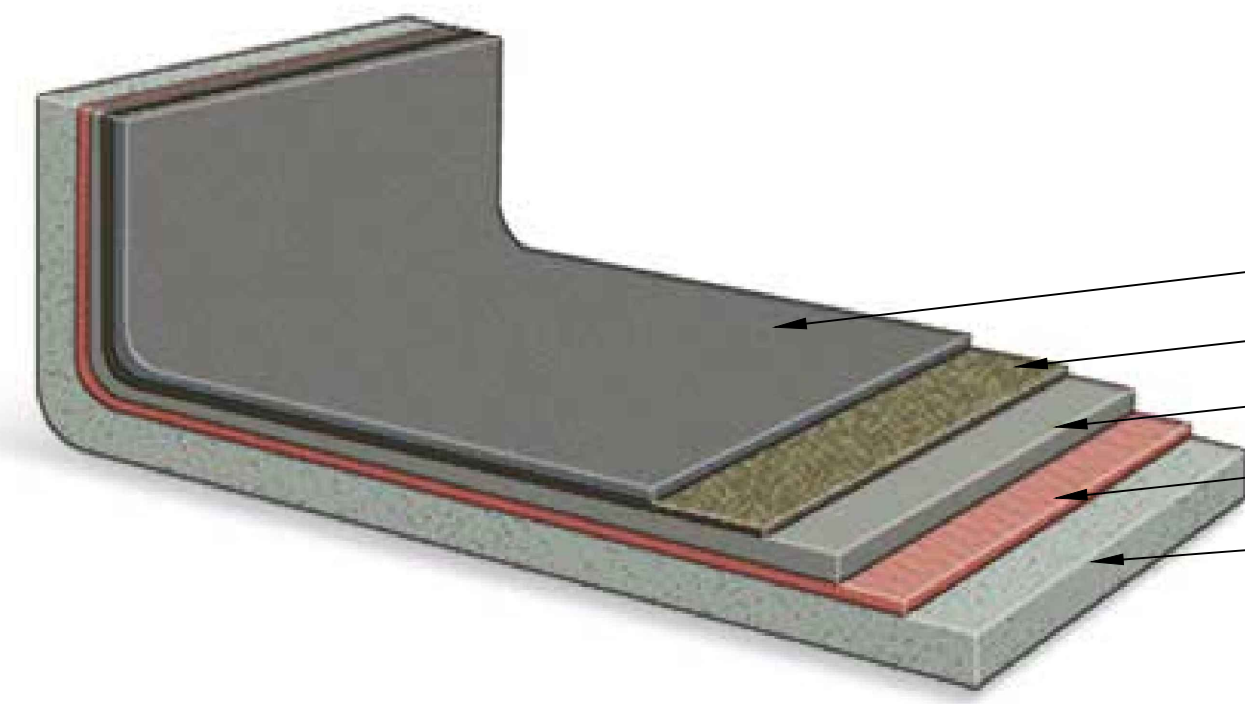
**AQUA PLANS**  
aquatic consultants inc.  
ph: (519) 743-6760

PROJECT:  
WEST NIPPISSING C&RC  
219 O'HARA STREET  
STURGEON FALLS, ON

DRAWING TITLE:  
MAIN POOL TANK NEW TILE  
GENERAL DETAILS

SCALE:	1:50	DRAWING NO.:	PL1.2
DATE:	MAY 2026		
DRAWN BY:	LB		
CHECKED BY:	MS		
PROJECT NO.:	D26023		

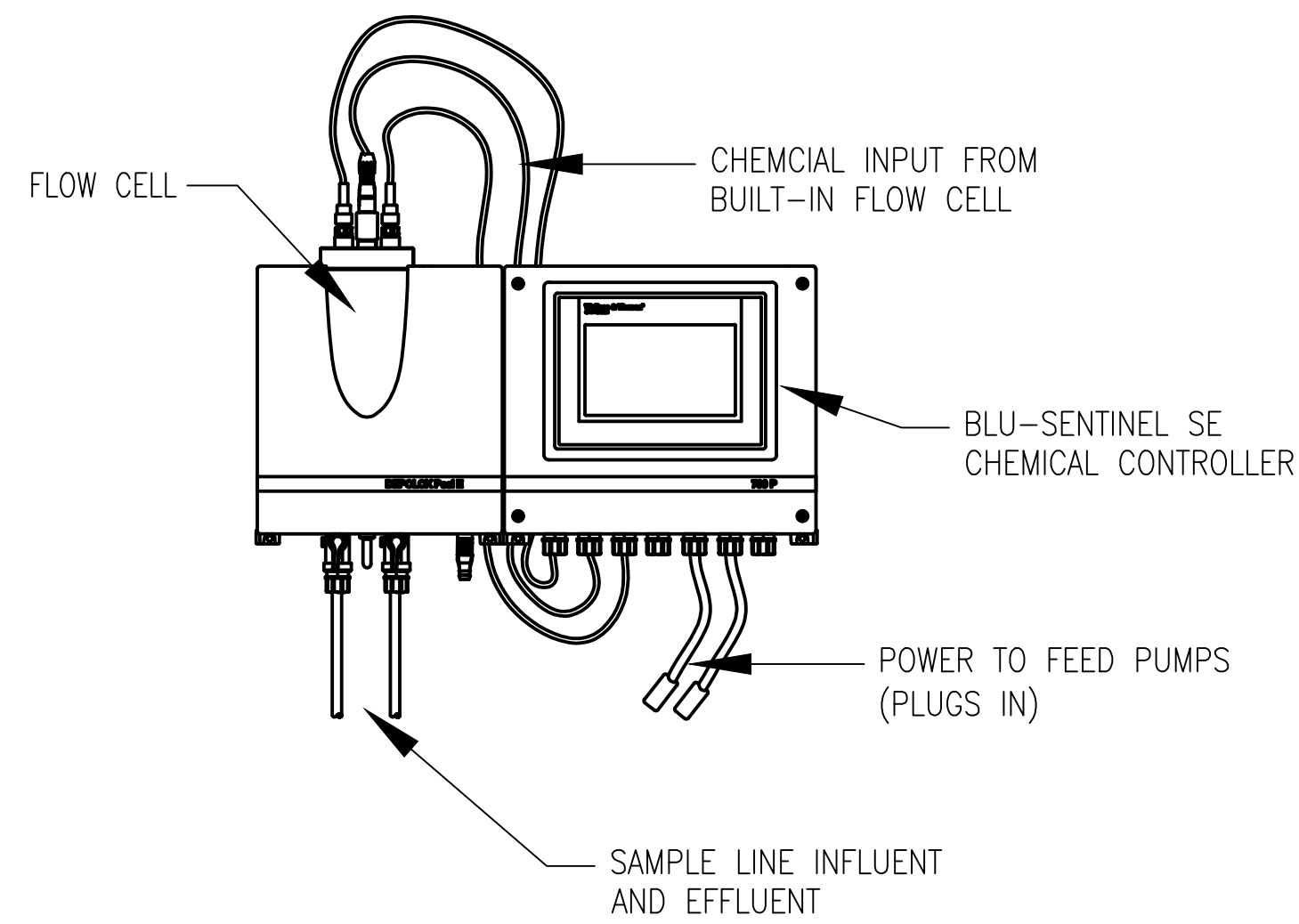
NOTE:  
 APPLY NEW COROFLAKE 266 MR SYSTEM TO ENTIRE INTERIOR OF EXISTING FILTER TANK.  
 PREPARE FILTER TANK CONCRETE AS PER MANUFACTURERS CUT SHEETS.  
 FOLLOW MANUFACTURERS CUT SHEET FOR APPLICATION OF THE VARIOUS COMPONENTS OF THE SYSTEM  
 REINSTALL ALL FILTER TANK ELEMENTS AND ACCESSORIES AFTER NEW COROFLEX COATING IS INSTALLED AND CURED.



- TOPCOAT (COROFLAKE 266 EN)
- REINFORCEMENT (COROFLAKE 266 BC FIBERGLASS MATT)
- BASECOAT (COROFLAKE 266 BC)
- PRIMER COAT
- SURGE TANK CONCRETE SURFACE

**FILTER TANK COATING**

SCALE: N.T.S.



**CHEMICAL CONTROLLER  
 DETAIL**

N.T.S.



NEW BLU-SENTINELSE CHEMICAL CONTROLLERS TO BE CONENCTED TO EXISITNG RESPECTIVE SYSTEMS TO REPALCE THE EXISITNG CHEMICAL CONTORLLERS.  
 CHEMICAL FEED PUMPS TO BE CONNECTED TO NEW CONTROLLER FOR AUTOMATIC FEEDING.

REVISIONS			
NO.	DATE	DESCRIPTION	INT.
1.	JUNE-2026	ISSUED FOR TENDER	
2.			
3.			
4.			
5.			
6.			
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STAMP:



PROJECT:  
 WEST NIPPISSING C&RC  
 219 O'HARA STREET  
 STURGEON FALLS, ON

DRAWING TITLE:  
 FILTER TANK COATING  
 AND NEW CHEMICAL CONTROLLERS

SCALE: N.T.S.  
 DATE: MAY 2026  
 DRAWN BY: LB  
 CHECKED BY: MS  
 PROJECT NO.: D26023

DRAWING NO.:  
**PL1.3**