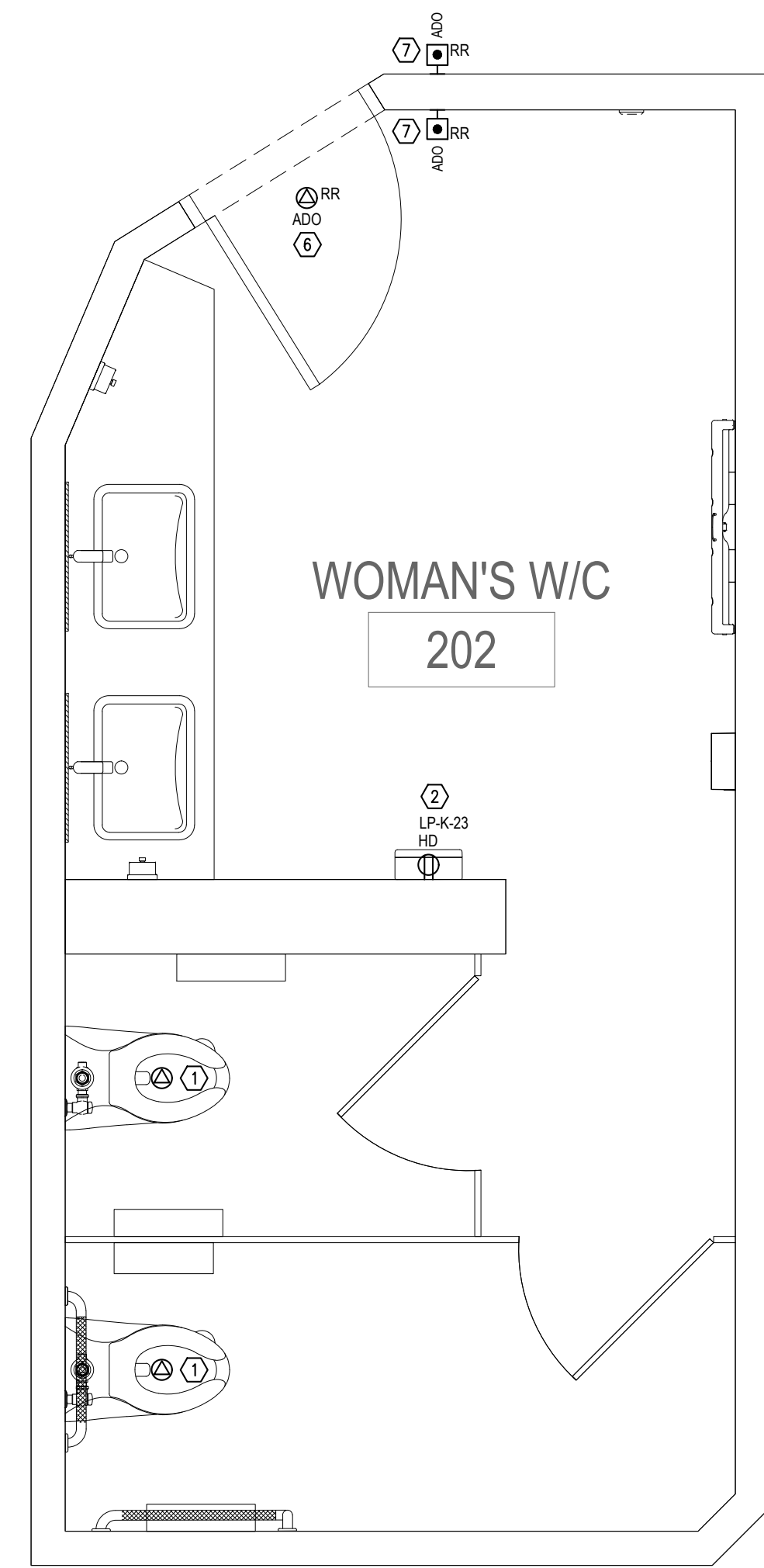
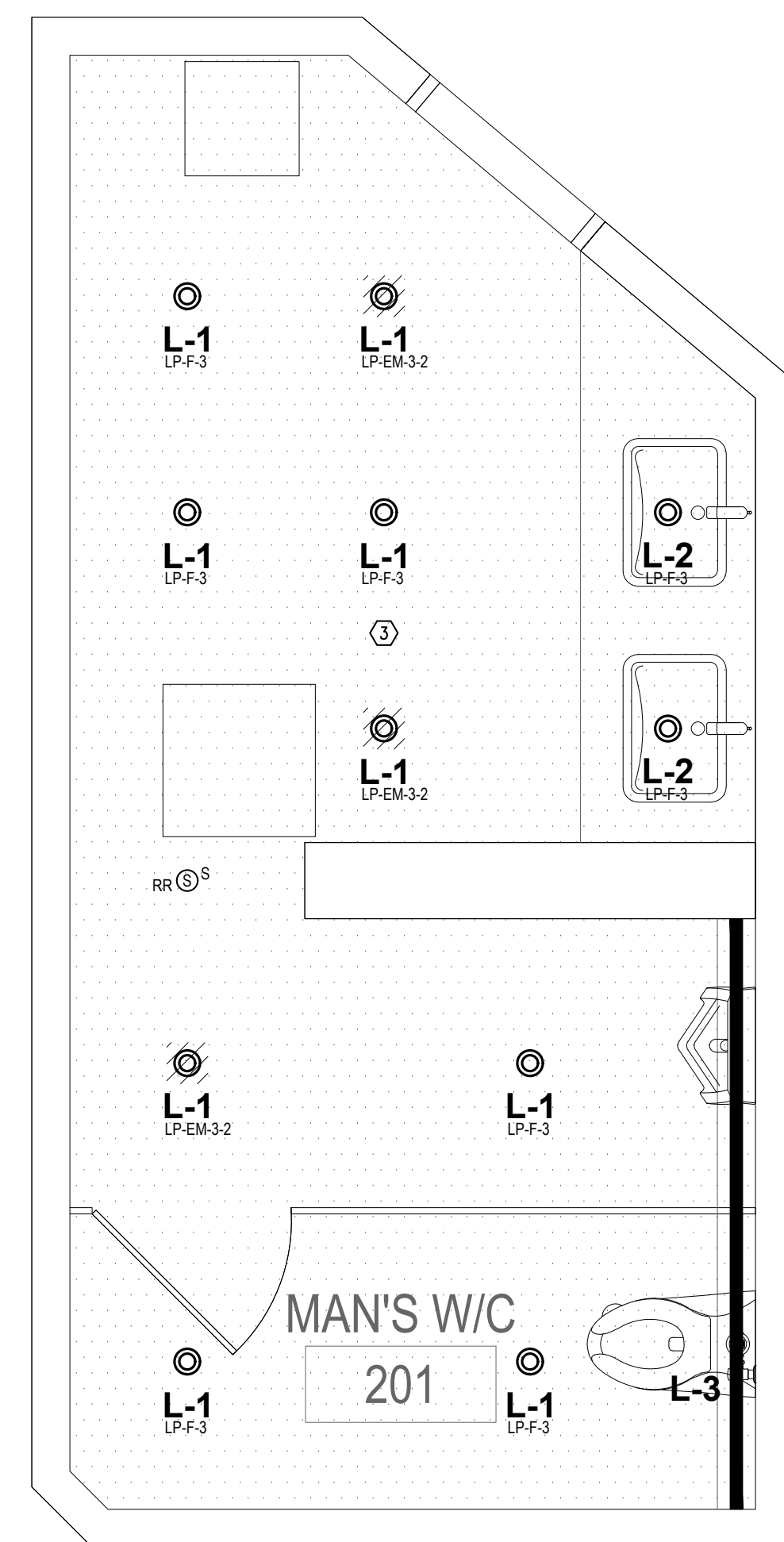


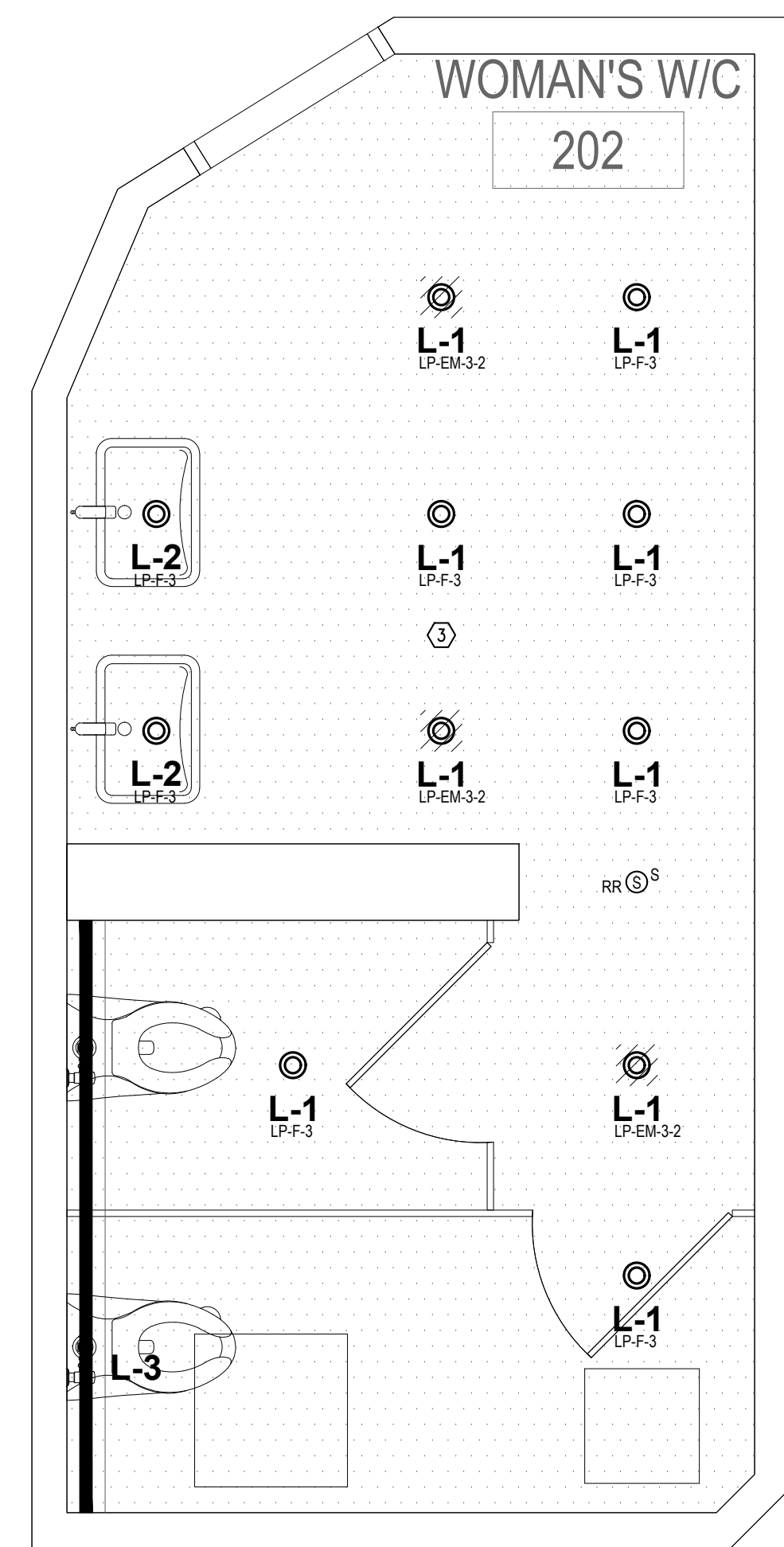
1 POWER AND SYSTEMS PLAN - MEN'S WASHROOM  
 SECOND FLOOR: SCALE: 1/2" = 1'-0"



2 POWER AND SYSTEMS PLAN - WOMEN'S WASHROOM  
 SECOND FLOOR: SCALE: 1/2" = 1'-0"



3 REFLECTED CEILING PLAN - MEN'S WASHROOM  
 SECOND FLOOR: SCALE: 1/2" = 1'-0"



4 REFLECTED CEILING PLAN - WOMEN'S WASHROOM  
 SECOND FLOOR: SCALE: 1/2" = 1'-0"

- GENERAL LIGHTING NOTES:**
- EXISTING BASE BUILDING LUMINAIRES ARE SHOWN IN FINAL LOCATION. REMOVE AND/OR RELOCATE LUMINAIRES AS REQUIRED TO SUIT NEW LAYOUT. CUT BACK AND/OR EXTEND WIRING AS REQUIRED.
  - UNLESS NOTED OTHERWISE EXISTING BASE BUILDING LUMINAIRES TO REMAIN AS INSTALLED.
  - THIS DRAWING TO BE READ IN CONJUNCTION WITH INTERIOR DESIGNERS DRAWING AND BASE BUILDING DRAWINGS.
  - REWORK EXISTING CIRCUITRY, RELAYS AND WIRING AS REQUIRED TO SUIT NEW SWITCHING AND THE NEW LUMINAIRE LAYOUT.
  - CIRCUIT NUMBERS SHOWN ARE DIAGRAMMATIC ONLY. CONNECT TO CIRCUITS MADE AVAILABLE BY THESE RENOVATIONS.
  - REMOVE ALL EXISTING LIGHTING, SWITCHES AND REDUNDANT WIRING IN CONDUIT FROM EXISTING LIGHTING PANEL. NOT REQUIRED AND MAKE SAFE.
  - ALL EXISTING, RELOCATED AND/OR NEW RECESSED LUMINAIRES SHALL BE CHAIN HUNG AND SUPPORTED TO CEILING SLAB ABOVE FOR SAFETY PURPOSES.
  - SWITCHES AND DIMMERS ADJACENT TO EACH OTHER SHALL BE GANGED UNDER A COMMON COVERPLATE. SWITCHES SHALL MATCH EXISTING TYPE AND COLOUR.
  - ELECTRICAL CONTRACTOR SHALL ALLOW IN TENDER SUBMITTAL FOR THE DISCONNECTING OF LUMINAIRES FROM EMERGENCY CIRCUIT TO NORMAL CIRCUIT AND FROM NORMAL CIRCUIT TO EMERGENCY CIRCUIT. ALLOW FOR APPROX. 2' FIXTURES. DISCONNECT AND RECONNECT AS REQUIRED TO MATCH NEW EMERGENCY/NORMAL LIGHTING LAYOUT AS PER FLOOR PLAN.

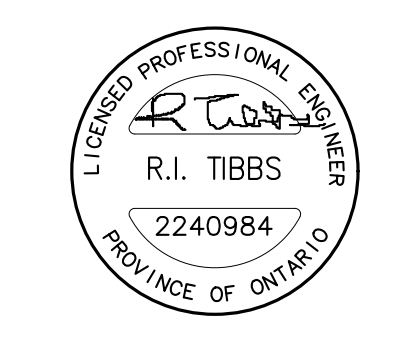
- GENERAL POWER NOTES:**
- WALL MOUNTED OUTLET LOCATIONS SHOWN ARE APPROXIMATE ONLY. FOR EXACT LOCATIONS REFER TO INTERIOR DESIGNERS DRAWINGS.
  - CIRCUITING SHOWN IS DIAGRAMMATIC ONLY. CONNECT TO NEW OR SPARE CIRCUITS MADE AVAILABLE BY THESE CHANGES. THIS ELECTRICAL CONTRACTOR TO SHOW ACTUAL CIRCUITS ON AS BUILT DRAWINGS.
  - ALL CABLING TO BE RUN IN EMT CONDUIT WHERE FEASIBLE WHEN RUN IN CEILING SPACE ABOVE.
  - FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT REFER TO MECHANICAL DRAWINGS.
  - ELECTRICAL CONTRACTOR TO PROVIDE FOR A NEW PANEL DIRECTORY SHOWING A CLEAR DESCRIPTION OF EACH CIRCUIT BEING CONTROLLED FROM EXISTING AND/OR NEW PANELS AND PLACE IN METAL FRAME INSIDE DOOR. ALSO IDENTIFY PANELS USING LAMICOD NAMEPLATES.
  - LABEL ALL NEW OR RELOCATED RECEPTACLES WITH SUITABLE LABEL MAKER IDENTIFYING PANEL NAME AND CIRCUIT NUMBER.
  - PROVIDE FOR NEW BREAKERS SIZES AS REQUIRED IN EXISTING AND/OR NEW RECEPTACLE PANELS TO SUIT THE CIRCUITRY SHOWN. ALL CIRCUITS SHOWN ARE 15A 1P UNLESS NOTED OTHERWISE.
  - VERIFY EXACT POWER REQUIREMENTS AND RECEPTACLE TYPE FOR SPECIAL EQUIPMENT WITH MANUFACTURER PRIOR TO INSTALLATION. REPORT ANY DISCREPANCIES TO ENGINEERS.
  - UNLESS OTHERWISE NOTED EXISTING BASE BUILDING ELECTRICAL DEVICES SHALL REMAIN AS INSTALLED.
  - THIS CONTRACTOR SHALL ENSURE THAT THE FIRE ALARM SYSTEMS BOUNDED BY AREA UNDER RENOVATIONS REMAIN IN TACT IN DURING AND AFTER COMPLETION OF CONSTRUCTION. REPORT ANY OBSTRUCTION OF RELOCATION OF ANY DEVICES AFFECTED BY RENOVATIONS TO THE ENGINEERS.
  - PROVIDE FOR ONE SEPARATE NEUTRAL INSULATED CONDUCTOR PER CIRCUIT.
  - ENSURE ALL RECEPTACLES SHOWN AS EXISTING REMAIN ENERGIZED TO EXISTING CIRCUITRY.
  - REMOVE ALL CONDUIT, CABLING, FLOOR MONUMENTS AND WALL OUTLETS MADE REDUNDANT BY THESE CHANGES. CUT BACK TO SOURCE AND MAKE SAFE. PATCH EXISTING HOLES ON FLOOR AND MAKE GOOD.

- DRAWING NOTES:**
- CONTRACTOR TO REWORK EXISTING 120V POWER CIRCUIT SERVING DEMOLISHED SINK RECEPTACLE FOR NEW WASHROOM TOILET / URINAL POWER.
  - CONTRACTOR TO REWORK EXISTING 120V, 20A CIRCUIT SERVING DEMOLISHED HAND DRYER FOR NEW HAND DRYER AT NEFF LOCATION.
  - CONTRACTOR TO REWORK EXISTING 347V LIGHTING CIRCUIT SERVING EXISTING LINEAR FIXTURES FOR ALL NEW DOWNLIGHTS. INVESTIGATE AND CONFIRM EXACT FEEDER PANEL VOLTAGE PRIOR TO ORDERING DOWNLIGHT FIXTURES. NEW DOWNLIGHT LIGHTING TO BE CONTROLLED BY EXISTING BASE BUILDING LIGHTING CONTROLS.
  - CONTRACTOR TO REMOVE AND REINSTALL HAND DRYER DIRECT POWER CONNECTION SERVING DEMOLISHED HAND DRYER FOR NEW HAND DRYER AT SAME LOCATION.
  - RESERVED.
  - CONTRACTOR TO REMOVE AND REINSTALL EXISTING AUTOMATIC DOOR OPERATOR.
  - CONTRACTOR TO ALSO PROVIDE SEPARATE PRICE TO REMOVE AUTOMATIC DOOR OPERATOR AND SUPPLY AND INSTALL NEW AUTOMATIC DOOR OPERATOR CW ALL REQUIRED MOUNTING EQUIPMENT, CONDUIT AND ROUGHINS. CONTRACTOR TO MATCH SPECIFICATIONS AND UTILIZE EXISTING CIRCUITING.
  - CONTRACTOR TO REMOVE AND REINSTALL EXISTING AUTOMATIC DOOR OPERATOR PUSH BUTTONS.
  - CONTRACTOR TO ALSO PROVIDE SEPARATE PRICE TO REMOVE AUTOMATIC DOOR OPERATOR PUSH BUTTONS AND SUPPLY AND INSTALL NEW AUTOMATIC DOOR OPERATOR PUSH BUTTONS CW ALL REQUIRED ROUGHINS, CONDUIT AND CABLING.

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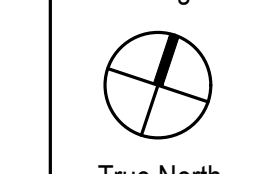


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Client Name	CITY OF PICKERING
Project Name	LIBRARY WASHROOMS RENO
Project Address	1 THE ESPLANADE S PICKERING, ON
Project number	2240984
Drawing Title	SECOND FLOOR POWER AND SYSTEMS PLAN & REFLECTED CEILING PLAN
Drawing Scale	1/2" = 1'-0"
Drawing Number	E2.1



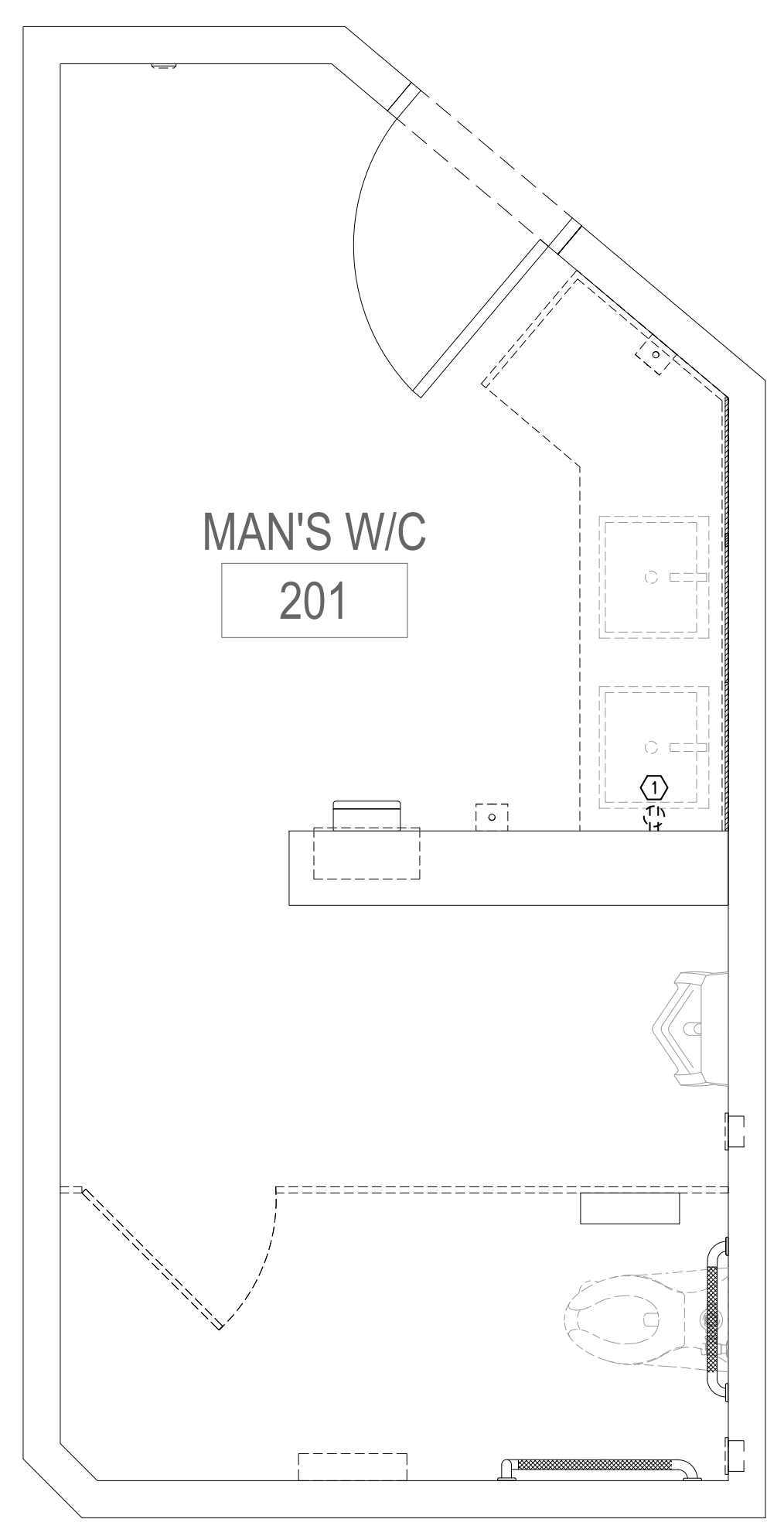
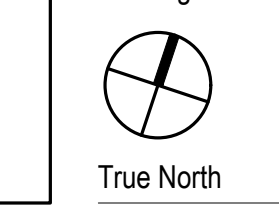
- GENERAL LIGHTING NOTES:**  
 THE SCOPE OF WORK FOR THE DEMOLITION INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
1. THE CONSULTANT DOES NOT WARRANT THE ACCURACY OF EXISTING BUILDING CONDITIONS, DIMENSIONS, OR MATERIALS REPRESENTED ON THE DRAWINGS. IT IS ASSUMED THAT THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF HIS CONTRACTS HAS VISITED THE PLACE OF THE WORK AND SURROUNDINGS AND HAS MADE A THOROUGH INVESTIGATION OF AS-BUILT CONDITIONS PRIOR TO SUBMITTING HIS TENDER BY VIRTUE OF THE EXECUTED CONTRACT WITH THE OWNER. IT IS ASSUMED THAT HIS PRE-CONTRACT INVESTIGATION OF EXISTING SITE CONDITIONS SHALL HAVE BEEN TO THE EXTENT NECESSARY TO FULLY FAMILIARIZE HIMSELF WITH ALL APPARENT CONDITIONS AFFECTING THE WORK INCLUDING ANY ABOVE CEILING CONDITIONS ETC. WHERE ACCESS WOULD BE CONSIDERED REASONABLE. AS SUCH, THE CONTRACTOR MAY NOT RELY ON THE CONTRACT DRAWINGS TO LIMIT THE SCOPE OF DEMOLITION WORK REQUIRED.
  2. REMOVE ALL LUMINAIRES, OUTLETS, PANELS, DEVICES etc. AS SHOWN ON FLOOR PLAN UNLESS OTHERWISE NOTED. ALLOW FOR THE REMOVAL OF AN ADDITIONAL 2 OUTLETS (INCLUDE OF RECEPTACLE OUTLETS AND TEL. DATA OUTLETS), 2 LUMINAIRES AND CONDUIT/WIRING NOT SHOWN ON DRAWINGS THAT MAY BE LOCATED IN WALLS OR CEILINGS THAT WILL BE DEMOLISHED. CONTRACTOR SHALL VERIFY EXACT QUANTITIES ON SITE.
  3. ENSURE THAT CONTINUITY OF WIRING TO ALL REMAINING OUTLETS AND DEVICES SHALL BE MAINTAINED WITH SAME SIZE WIRE AS EXISTING. ENSURE OPERATION OF FIRE ALARM SYSTEMS AT ALL TIMES.
  4. CLEAN OUT AND DISPOSE OF ALL ELECTRICAL WIRING IN CONDUIT MADE REDUNDANT WITH THIS DEMOLITION.
  5. IN AREAS WHERE EXISTING DEVICES ARE TO BE REMOVED, THE CONTRACTOR SHALL ENSURE THAT ANY PORTION OF THE EXISTING SYSTEM THAT IS TO REMAIN IS LEFT SAFE AND A WORKING SYSTEM IS MAINTAINED.
  6. THE ELECTRICAL CONTRACTOR SHALL VERIFY EXACT MOUNTING HEIGHT AND LOCATION OF ALL OUTLETS PRIOR TO ROUGH-IN.
  7. ANY EXISTING DEVICE TO BE REUSED AND/OR RELOCATED SHALL BE REMOVED, REFURBISHED AND RE-INSTALLED. IF RELOCATED THE ELECTRICAL CONTRACTOR SHALL EXTEND EXISTING CONDUIT AND WIRE TO SUIT.
  8. THE ELECTRICAL CONTRACTOR SHALL MAINTAIN CONTINUITY FOR EXISTING SERVICES WHICH PASS THROUGH THE AREA BUT WHICH ITEMS NOT LOCATED IN THE RENOVATED AREA. RE ROUTE WHERE NECESSARY. RE WIRE DEVICES WHICH REMAIN.
  9. POWER AND SYSTEMS SHUTDOWN MUST BE ARRANGED WITH AND AT A TIME CONVENIENT TO THE TENANT. PROVIDE SEVEN DAYS WRITTEN NOTICE FOR POWER SHUT-DOWNS.
  10. WHEN WORKING ON ANY ELECTRICAL CIRCUIT FED FROM ANY POWER PANEL OR LIGHTING PANEL PROVIDE THE FOLLOWING:
    - SUITABLE LOCK-OFF DEVICES. PADLOCK FOR LARGE SWITCHES etc. OR LOCK-OFF DEVICES FOR LIGHTING PANEL BREAKERS.
    - SUITABLE CLEAR WARNING SIGNS.
    - HANDWRITTEN INFORMATION SHEET IDENTIFYING NAME OF CONTRACTOR, DATE, LOCATION OF WORK AND ANTICIPATED TIME OF COMPLETION DISPLAY THIS IN A VISIBLE LOCATION AND REMOVE ONLY WHEN THE CIRCUIT IS RE-ENERGIZED.
  11. ELECTRICAL EQUIPMENT OR DEVICES THAT ARE TO BE REUSED, OR TO REMAIN SHALL BE PROTECTED SO THAT ARE NOT DAMAGED OR DISTURBED DURING DEMOLITION OF EXISTING WALLS AND/OR CEILING.
  12. ELECTRICAL FEEDERS AND RISERS FEEDING EQUIPMENT ON FLOORS ABOVE, SHALL BE PROTECTED DURING DEMOLITION AND/OR REROUTED.
  13. WHERE NECESSARY PROVIDE SUITABLE SUPPORT FOR ANY EXISTING COMMUNICATIONS WIRING THAT IS LAYING ON CEILING.
  14. THIS CONTRACTOR SHALL ENSURE THAT THE FIRE ALARM SYSTEMS BOUNDED BY AREA UNDER RENOVATION REMAINS INTACT DURING AND AFTER COMPLETION OF CONSTRUCTION.
  15. MAKE GOOD ALL OPENINGS INTO EXISTING SWITCHBOARDS OR PANELS TO REMAIN AFTER REMOVAL OF CONDUITS AND WIRE. COVER OPENINGS WITH A 1/4 GUSSET SHEET METAL PAINTED TO MATCH EXISTING COMPLETE WITH WATER TIGHT GASKETS AND SECURELY FASTENED WITH SCREWS. REVISE BREAKER DESIGNATION ON THE SWITCH PANEL WITH A NEW LAMINATED NAMEPLATE INDICATING 'SPARE'.
  16. FIRESTOP AND CLOSE ALL OR ANY OPENINGS IN WALLS, FLOORS OR CEILINGS THAT OCCUR DUE TO THE REMOVAL OF EXISTING SERVICES TO THE AREA BEING DEMOLISHED. FINISH TO MATCH EXISTING.
  17. ALL ELECTRICAL EQUIPMENT AND DEVICES REMOVED SHALL HAVE ALL ASSOCIATED CONDUIT AND WIRING REMOVED AND CUT BACK TO MAIN SOURCE AND MADE SAFE.
  18. ALLOW FOR AFTER HOURS DEMOLITION WORK.

- DRAWING NOTES:**
1. CONTRACTOR TO DEMOLISH EXISTING DUPLEX RECEPTACLE AND REWORK WIRING AS NECESSARY FOR NEW TOLERABLE SCOPE. REFER TO DRAWING E2.0 FOR FURTHER DETAILS.

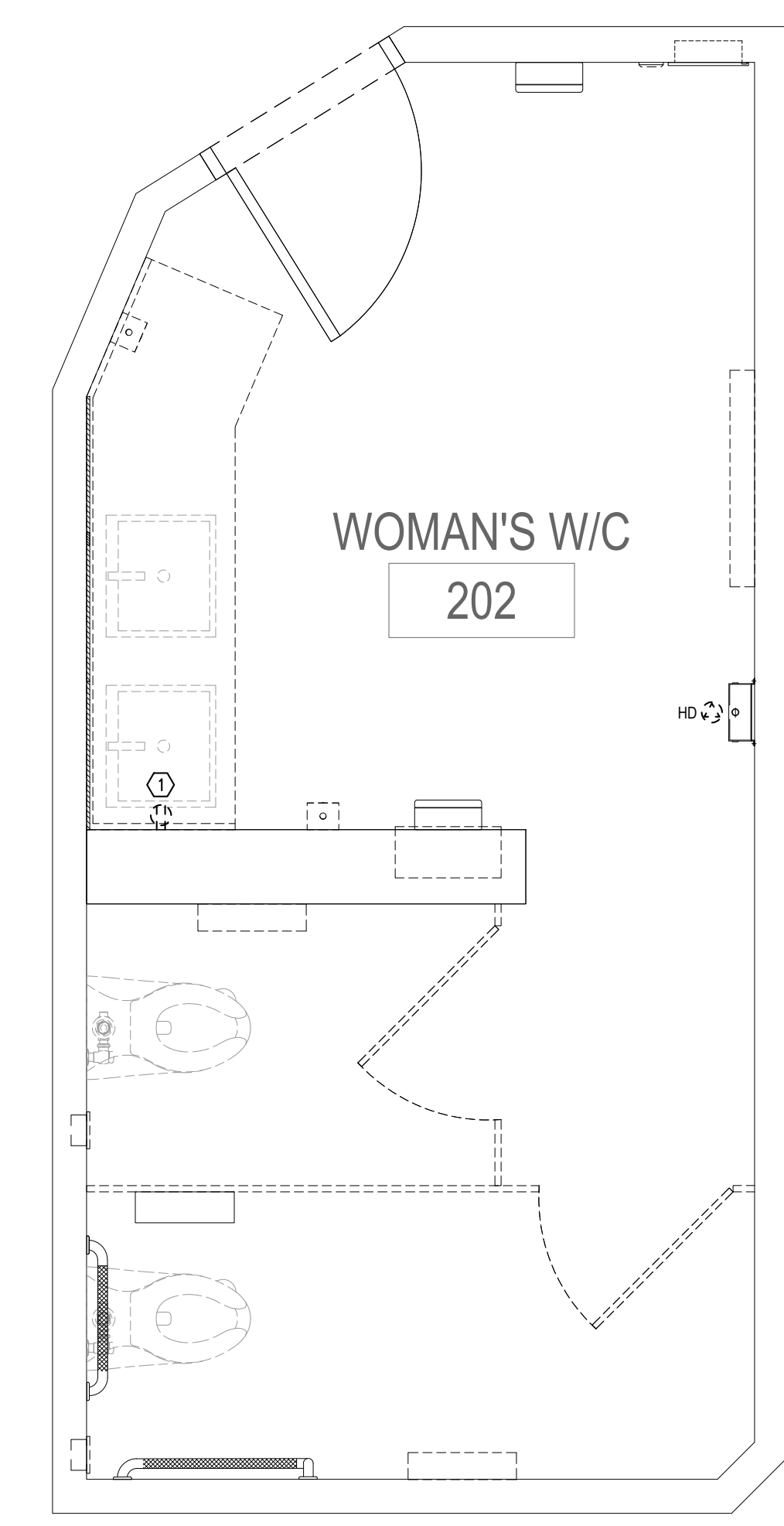


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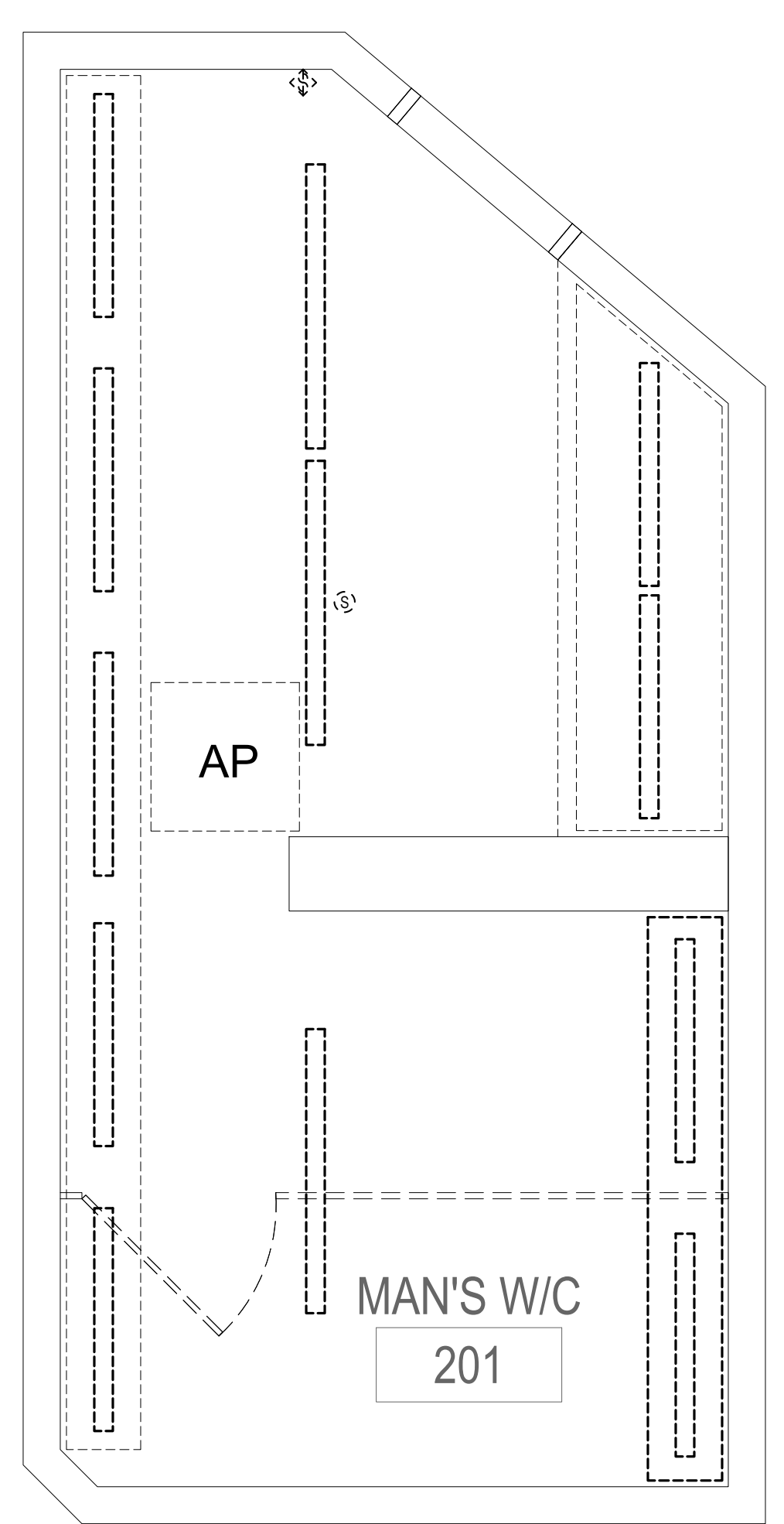
Client Name	CITY OF PICKERING
Project Name	LIBRARY WASHROOMS RENO
Project Address	1 THE ESPLANADE S PICKERING, ON
Project number	2240984
Drawing Title	SECOND FLOOR - DEMO POWER AND SYSTEMS & REFLECTED CEILING PLAN
Drawing Scale	1/2" = 1'-0"
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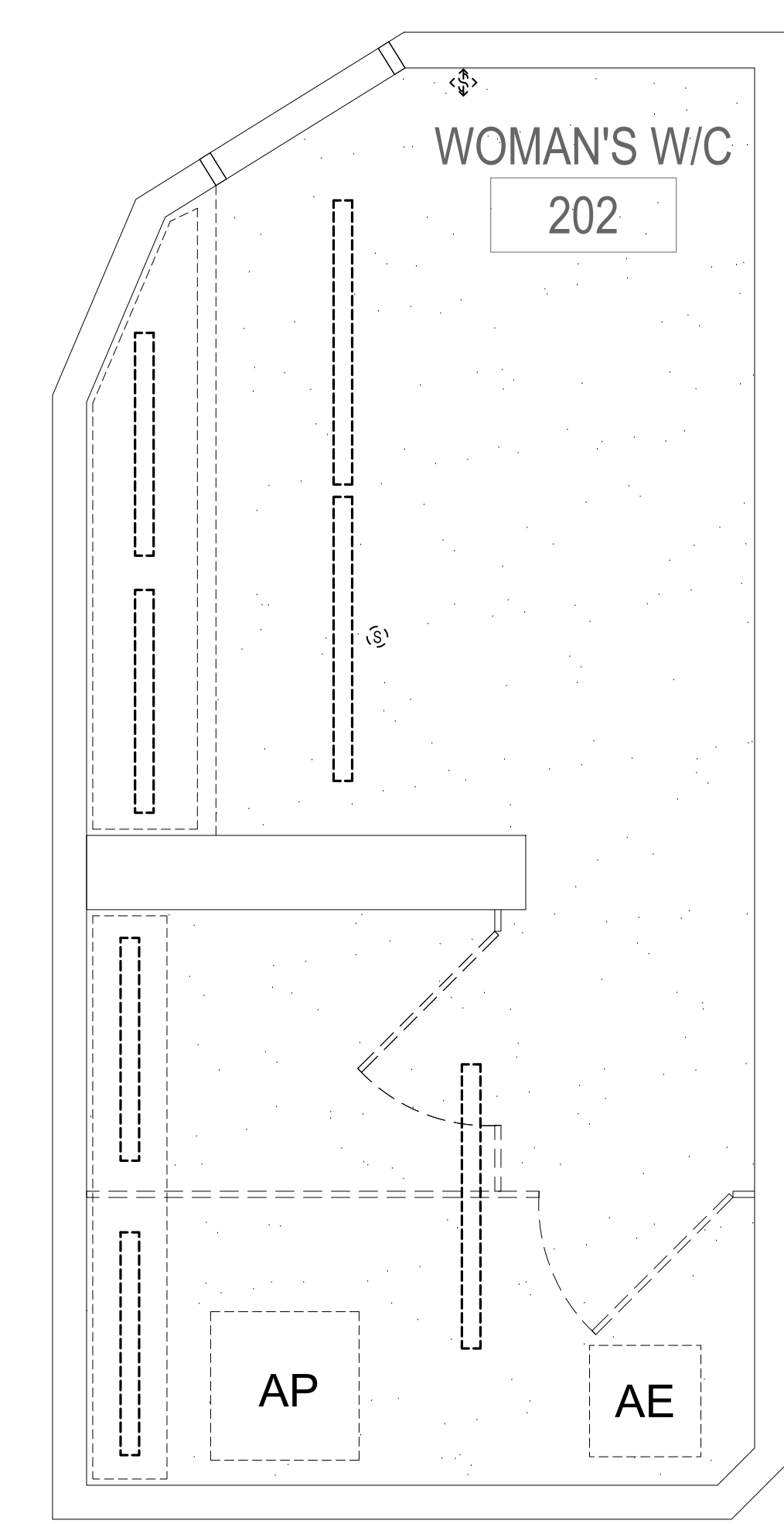
1 DEMOLITION POWER AND SYSTEMS PLAN - MEN'S WASHROOM SECOND FLOOR. SCALE: 1/2" = 1'-0"



2 DEMOLITION POWER AND SYSTEMS PLAN - WOMEN'S WASHROOM SECOND FLOOR. SCALE: 1/2" = 1'-0"



3 DEMOLITION REFLECTED CEILING PLAN - MEN'S WASHROOM SECOND FLOOR. SCALE: 1/2" = 1'-0"



4 DEMOLITION REFLECTED CEILING PLAN - WOMEN'S WASHROOM SECOND FLOOR. SCALE: 1/2" = 1'-0"