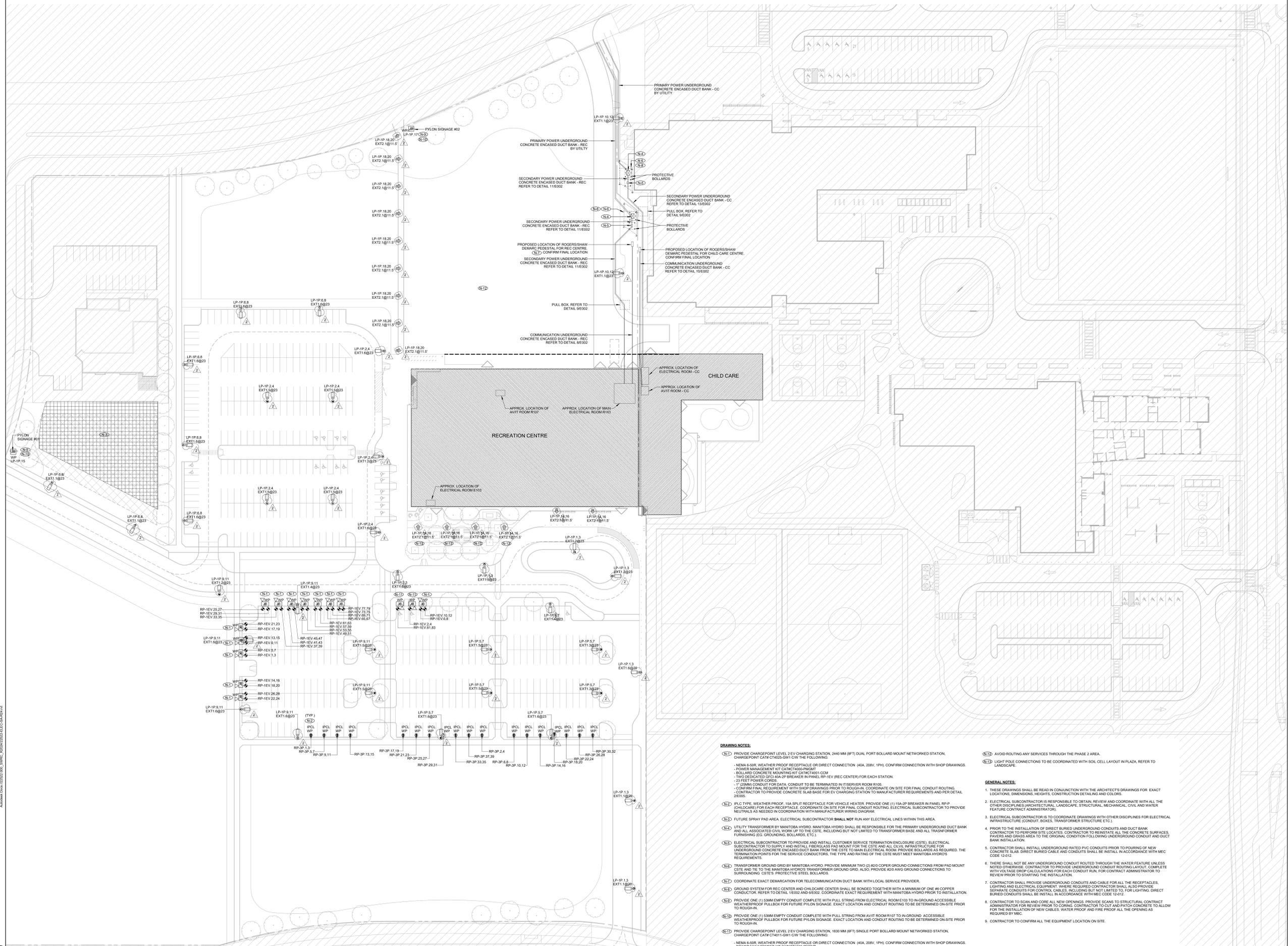


Issued

No.	Date	Description
1	2025-12-11	CONTRACT DOCUMENTS
2	2025-01-15	ADDENDUM 1/3



- DRAWING NOTES:**
- (1) PROVIDE CHARGEPOINT LEVEL 2 EV CHARGING STATION, 2440 MM (8FT) DUAL PORT BOLLARD MOUNT NETWORKED STATION, CHARGEPOINT CAT# C7401-GW1 CW THE FOLLOWING:
    - NEMA 6-60R WEATHER PROOF RECEPTACLE OR DIRECT CONNECTION (40A, 208V, 1PH), CONFIRM CONNECTION WITH SHOP DRAWINGS.
    - POWER MANAGEMENT KIT (CAT# C7401-GW1)
    - BOLLARD CONCRETE MOUNTING KIT CAT# C7401-GW1
    - TWO DEDICATED 60A-3P BREAKER PANEL RP-1EV (REC CENTER) FOR EACH STATION.
    - 23 FEET POWER CORES.
    - CONFIRM FINAL REQUIREMENT WITH SHOP DRAWINGS PRIOR TO ROUGH-IN. COORDINATE ON SITE FOR FINAL CONDUIT ROUTING.
    - CONTRACTOR TO PROVIDE CONCRETE SLAB BASE FOR EV CHARGING STATION TO MANUFACTURER REQUIREMENTS AND PER DETAIL 2E05.
  - (2) IFC TYPE WEATHER PROOF 15A SPLIT RECEPTACLE FOR VEHICLE HEATER. PROVIDE ONE (1) 15A-3P BREAKER PANEL RP-P (CHARGERS) FOR EACH RECEPTACLE. COORDINATE ON SITE FOR FINAL CONDUIT ROUTING. ELECTRICAL SUBCONTRACTOR TO PROVIDE NEUTRALS AS NEEDED IN COORDINATION WITH MANUFACTURER WIRING DIAGRAM.
  - (3) FUTURE SPRAY PAD AREA. ELECTRICAL SUBCONTRACTOR SHALL NOT RUN ANY ELECTRICAL LINES WITHIN THIS AREA.
  - (4) UTILITY TRANSFORMER BY MANITOBA HYDRO. MANITOBA HYDRO SHALL BE RESPONSIBLE FOR THE PRIMARY UNDERGROUND DUCT BANK AND ALL ASSOCIATED CIVIL WORK UP TO THE CESTL INCLUDING BUT NOT LIMITED TO TRANSFORMER BASE AND ALL TRANSFORMER FURNISHING (E.G. GROUNDING, BOLLARDS, ETC.).
  - (5) ELECTRICAL SUBCONTRACTOR TO PROVIDE AND INSTALL CUSTOMER SERVICE TERMINATION ENCLOSURE (CSTL). ELECTRICAL SUBCONTRACTOR TO SUPPLY AND INSTALL FIBERGLASS PAD MOUNT FOR THE CESTL AND ALL CIVIL INFRASTRUCTURE FOR THE UNDERGROUND CONCRETE ENCASED DUCT BANK FROM THE CESTL TO MAIN ELECTRICAL ROOM. PROVIDE BOLLARDS AS REQUIRED. THE TERMINATION POINTS FOR THE SERVICE CONDUCTORS, THE TYPE AND RATING OF THE CESTL MUST MEET MANITOBA HYDRO'S REQUIREMENTS.
  - (6) TRANSFORMER GROUND GRID BY MANITOBA HYDRO. PROVIDE MINIMUM TWO (2) 400 COPPER GROUND CONNECTIONS FROM PAD MOUNT CESTL AND TIE TO THE MANITOBA HYDRO'S TRANSFORMER GROUND GRID. ALSO, PROVIDE #2 AWG GROUND CONNECTIONS TO SURROUNDING CESTLS. PROTECTIVE STEEL BOLLARDS.
  - (7) COORDINATE EXACT DEMARCATION FOR TELECOMMUNICATION DUCT BANK WITH LOCAL SERVICE PROVIDER.
  - (8) GROUND SYSTEM FOR REC CENTER AND CHILD CARE CENTER SHALL BE BONDED TOGETHER WITH A MINIMUM OF ONE #6 COPPER CONDUCTOR. REFER TO DETAIL 1E022 AND 6E002. COORDINATE EXACT REQUIREMENT WITH MANITOBA HYDRO PRIOR TO INSTALLATION.
  - (9) PROVIDE ONE (1) 50MM EMPTY CONDUIT COMPLETE WITH PULL STRING FROM ELECTRICAL ROOM E103 TO IN-GROUND ACCESSIBLE WEATHERPROOF PULLBOX FOR FUTURE Pylon SIGNAGE. EXACT LOCATION AND CONDUIT ROUTING TO BE DETERMINED ON-SITE PRIOR TO ROUGH-IN.
  - (10) PROVIDE ONE (1) 50MM EMPTY CONDUIT COMPLETE WITH PULL STRING FROM AVIT ROOM R107 TO IN-GROUND ACCESSIBLE WEATHERPROOF PULLBOX FOR FUTURE Pylon SIGNAGE. EXACT LOCATION AND CONDUIT ROUTING TO BE DETERMINED ON-SITE PRIOR TO ROUGH-IN.
  - (11) PROVIDE CHARGEPOINT LEVEL 2 EV CHARGING STATION, 1930 MM (6FT) SINGLE PORT BOLLARD MOUNT NETWORKED STATION, CHARGEPOINT CAT# C7401-GW1 CW THE FOLLOWING:
    - NEMA 6-60R WEATHER PROOF RECEPTACLE OR DIRECT CONNECTION (40A, 208V, 1PH), CONFIRM CONNECTION WITH SHOP DRAWINGS.
    - POWER MANAGEMENT KIT (CAT# C7401-GW1)
    - BOLLARD CONCRETE MOUNTING KIT CAT# C7401-GW1
    - ONE DEDICATED 60A-3P BREAKER PANEL RP-1EV (REC CENTER) FOR EACH STATION.
    - 23 FEET POWER CORES.
    - CONFIRM FINAL REQUIREMENT WITH SHOP DRAWINGS PRIOR TO ROUGH-IN. COORDINATE ON SITE FOR FINAL CONDUIT ROUTING.
    - CONTRACTOR TO PROVIDE CONCRETE SLAB BASE FOR EV CHARGING STATION TO MANUFACTURER REQUIREMENTS AND PER DETAIL 2E05.

- GENERAL NOTES:**
1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECT'S DRAWINGS FOR EXACT LOCATIONS, DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING AND COLORS.
  2. ELECTRICAL SUBCONTRACTOR IS RESPONSIBLE TO OBTAIN, REVIEW AND COORDINATE WITH ALL THE OTHER DISCIPLINES (ARCHITECTURAL, LANDSCAPE, STRUCTURAL, MECHANICAL, CIVIL AND WATER FEATURE CONTRACT ADMINISTRATION).
  3. ELECTRICAL SUBCONTRACTOR IS TO COORDINATE DRAWINGS WITH OTHER DISCIPLINES FOR ELECTRICAL INFRASTRUCTURE (CONDUIT, BOXES, TRANSFORMER STRUCTURE ETC.).
  4. PRIOR TO THE INSTALLATION OF DIRECT BURIED UNDERGROUND CONDUITS AND DUCT BANK, CONTRACTOR TO PERFORM SITE LOCATES. CONTRACTOR TO RENOVATE ALL THE CONCRETE SURFACES, PAVERS AND GRASS AREA TO THE ORIGINAL CONDITION FOLLOWING UNDERGROUND CONDUIT AND DUCT BANK INSTALLATION.
  5. CONTRACTOR SHALL INSTALL UNDERGROUND RATED PVC CONDUITS PRIOR TO POURING OF NEW CONCRETE SLAB. DIRECT BURIED CABLE AND CONDUITS SHALL BE INSTALL IN ACCORDANCE WITH MEC CODE 12-012.
  6. THERE SHALL NOT BE ANY UNDERGROUND CONDUIT ROUTED THROUGH THE WATER FEATURE UNLESS NOTED OTHERWISE. CONTRACTOR TO PROVIDE UNDERGROUND CONDUIT ROUTING LAYOUT, COMPLETE WITH VOLTAGE DROP CALCULATIONS FOR EACH CONDUIT RUN. FOR CONTRACT ADMINISTRATION TO REVIEW PRIOR TO STARTING THE INSTALLATION.
  7. CONTRACTOR SHALL PROVIDE UNDERGROUND CONDUITS AND CABLE FOR ALL THE RECEPTACLES, LIGHTING AND ELECTRICAL EQUIPMENT WHERE REQUIRED. CONTRACTOR SHALL ALSO PROVIDE SEPARATE CONDUITS FOR CONTROL CABLES, INCLUDING BUT NOT LIMITED TO, FOR LIGHTING. DIRECT BURIED CONDUITS SHALL BE INSTALL IN ACCORDANCE WITH MEC CODE 12-012.
  8. CONTRACTOR TO SCAN AND CORE ALL NEW OPENINGS. PROVIDE SCANS TO STRUCTURAL CONTRACT ADMINISTRATION FOR REVIEW PRIOR TO CORING. CONTRACTOR TO CUT AND PATCH CONCRETE TO ALLOW FOR THE INSTALLATION OF NEW CABLES. WATER PROOF AND FIRE PROOF ALL THE OPENING AS REQUIRED BY MEC.
  9. CONTRACTOR TO CONFIRM ALL THE EQUIPMENT LOCATION ON SITE.

Contractor Must Check & Verify all Dimensions on the job.  
Do Not Scale Drawings.  
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This Drawing is Not to be Used for Construction Until Signed by the Engineer.

**South Winnipeg Recreation Campus Phase 1**  
Address: 15 Ruth Crossing & 25 Ruth Crossing  
Winnipeg, MB  
Consultant Project No: 22007  
City of Winnipeg Project No: 2020-127  
City of Winnipeg Tender No: 63-2025B