

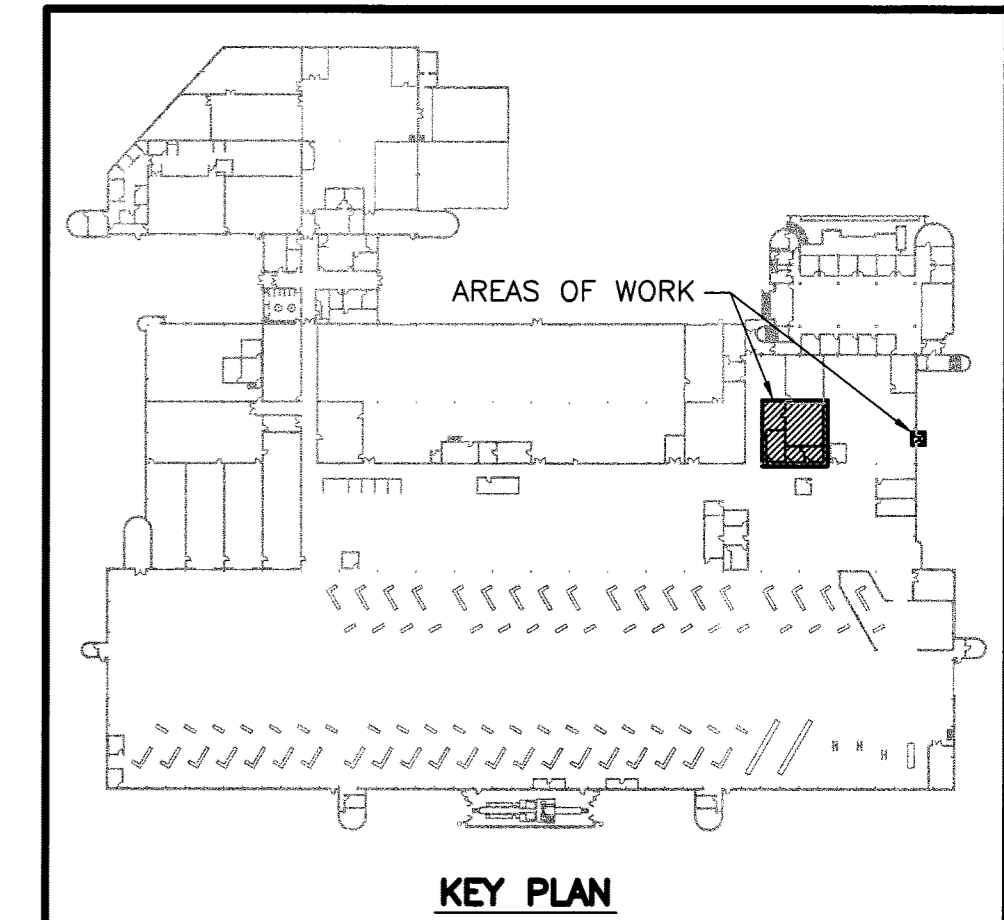
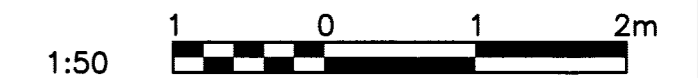
**GENERAL NOTES:**

- ELECTRICAL WORK FOR THIS PROJECT INCLUDES THE DEMOLITION OF ALL ELECTRICAL SYSTEMS, INCLUDING BUT NOT LIMITED TO:
  - AREA LIGHTING AND CONTROLS
  - NORMAL AND EMERGENCY POWER DISTRIBUTION AND OUTLETS
  - CONNECTIONS TO MECHANICAL EQUIPMENT (POWER, DATA, INSTRUMENTATION AND CONTROLS)
  - FIRE ALARM & LIFE SAFETY SYSTEMS
  - GROUNDING SYSTEMS
- ELECTRICAL SUBCONTRACTOR TO BE RESPONSIBLE FOR REMOVAL, DEMOLITION AND RELOCATION OF ALL ELECTRICAL DEVICES (LIGHTING FIXTURES, RECEPTACLES AND ALL ASSOCIATED WIRING AND HARDWARE) AND COMMUNICATION DEVICES AFFECTED WITHIN LIMIT OF DEMOLITION AS SHOWN ON PLAN. CONFIRM WITH THE CITY OF WINNIPEG ALL EXISTING RECEPTACLES, ELECTRICAL DIRECT CONNECTIONS AND EQUIPMENT LOCATED WITHIN LIMITS OF DEMOLITION THAT ARE GOING TO BE DISCONNECTED AND REMOVED BEFORE PROCEEDING.
- BUILDING TO REMAIN IN NORMAL OPERATION DURING ELECTRICAL DEMOLITION. ELECTRICAL SUBCONTRACTOR TO MAINTAIN INTEGRITY OF ALL EXISTING ELECTRICAL AND COMMUNICATION SYSTEMS IN SPACES OUTSIDE AREA OF WORK. ALL ELECTRICAL WORK SHALL BE COORDINATED WITH THE CITY OF WINNIPEG AND OTHER TRADES TO PREVENT ANY SERVICE DISRUPTIONS. CONTACT CITY OF WINNIPEG FOR STANDARD HOURS MINIMUM NOTICE FOR ALL SHUTDOWNS.
- ALL SAFETY SYSTEMS (INCLUDING FIRE ALARM SYSTEM) INSIDE AND OUTSIDE OF LIMIT OF DEMOLITION TO REMAIN OPERATIONAL AT ALL TIMES.
- INTERRUPTIONS TO ANY ELECTRICAL AND SAFETY SYSTEMS ARE TO BE MINIMIZED AND COORDINATED WITH THE CITY OF WINNIPEG AND OTHER SUBCONTRACTORS PRIOR TO COMMENCING WORK.
- RELOCATE AND/OR ADD DEVICES AND LIFE SAFETY EQUIPMENT TO SUIT NEW AND TEMPORARY WORK TO ENSURE SAFETY OF SUBCONTRACTORS AND CITY OF WINNIPEG PERSONNEL. PROVIDE A MANUFACTURER VERIFICATION AND INSPECTION REPORT UPON COMPLETION OF ANY DELETIONS, MODIFICATIONS OR EXPANSIONS TO THE FIRE ALARM SYSTEM.
- ALL ELECTRICAL IN OTHER PARTS OF THE BUILDING IS TO REMAIN UNLESS OTHERWISE NOTED, INDICATED OR NECESSARY.
- CAP AND SEAL ALL EXISTING AND ABANDONED RACEWAYS AFFECTED BY REMOVAL OF ANY WIRING.
- ALL EXISTING RECEPTACLES AND MECHANICAL CONNECTIONS FEEDING EXISTING LOADS LOCATED WITHIN AREA OF DEMOLITION NOT BEING REUSED ARE TO BE DISCONNECTED AND REMOVED.
- ELECTRICAL SUBCONTRACTOR TO BE RESPONSIBLE FOR REMOVAL AND RETURN TO CITY OF WINNIPEG INDICATED LOCATION OF ALL UNUSED ELECTRICAL DEVICES AND WIRING AFFECTED WITHIN LIMITS OF DEMOLITION AREA.
- REPAIR WALLS, CEILING, FLOOR AND ALL MOUNTING HARDWARE HOLES AND PENETRATIONS TO SUIT FIRE SEPARATIONS TO MATCH ORIGINAL CONDITION AS REQUIRED WITHIN AREA OF WORK. ALL REPAIRS SHALL BE WATERPROOF C/W ULC/CSA APPROVED SEALANT.
- ANY MODIFICATION OF EXISTING INSTALLATION SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST.
- NOT ALL EXISTING EQUIPMENT OR DEVICES ARE SHOWN ON ELECTRICAL DRAWINGS. ELECTRICAL SUBCONTRACTOR TO IDENTIFY BREAKERS, WIRING, LIGHTING, FIRE ALARM, SYSTEMS IN GENERAL, JUNCTION BOXES AND PANELBOARDS PRIOR TO COMMENCING DEMOLITION.
- REPORT TO CONSTRUCTION MANAGER IF ANY CONFLICTS ARE FOUND OR IF UNSURE OF ANY PROCEDURE. OBTAIN WRITTEN AUTHORIZATION FROM OWNER PRIOR TO COMMENCEMENT OF WORK IF ANY DISCREPANCIES EXIST OR IF UNSURE HOW TO PROCEED.
- LABEL WIRING, CONDUIT, BREAKERS, JUNCTION BOXES, ETC FOR MAINTAINED SYSTEMS.
- INCLUDE CHANGES IN AS-BUILT DRAWINGS. UPDATE RECORD DRAWINGS.

**DRAWING NOTES:**

- REFER TO ELECTRICAL KEY PLAN AND SYMBOL LEGEND DWG E0001 FOR ELECTRICAL SYMBOL SCHEDULE AND LETTERS DESIGNATION
- EXISTING LUMINAIRES IN AREAS NOT DIRECTLY INCLUDED IN RENOVATION AREAS TO REMAIN. UNLESS OTHERWISE SPECIFIED.
- DISCONNECT MECHANICAL SERVICES AND CITY OF WINNIPEG EQUIPMENT LOCATED WITHIN LIMIT OF DEMOLITION AND IN OTHER PARTS OF THE BUILDING AFFECTED BY THIS RENOVATION, OR AS INDICATED ON MECHANICAL DEMOLITION DRAWINGS. REMOVE AND ALLOW FOR RE-INSTALLATION OF ALL ASSOCIATED WIRING, DISCONNECT SWITCHES, MOTOR STARTERS AND MOTOR CONTROLS. MAINTAIN INTEGRITY OF EXISTING ELECTRICAL INSTALLATION ASSOCIATED WITH ALL EQUIPMENT BEING REUSED. ENSURE AND CONFIRM IN WRITING THAT RE-USED OR RE-INSTALLED EQUIPMENT IS AVAILABLE AND EQUIPMENT IS FULLY OPERATIONAL AND CERTIFIED. EXISTING MECHANICAL, THE CITY OF WINNIPEG EQUIPMENT AND CIRCUITS LOCATED OUTSIDE OF LIMIT OF DEMOLITION AND RECEIVING POWER OR SERVICE FROM WITHIN THE LIMIT OF DEMOLITION IS TO BE RE-FED TEMPORARILY OR PERMANENTLY FROM NEAREST AVAILABLE PANELS OR BUILDING SERVICES LOCATED OUTSIDE OF THE AREA OF DEMOLITION. CONTACT THE CITY OF WINNIPEG OR THE CONTRACT ADMINISTRATOR IF UNSURE.
- IN ALL EXISTING WALLS TO BE DEMOLISHED OR MODIFIED, EXTEND CIRCUITS TO SUIT NEW LOCATION OF NEW DEVICES IN BOTH SIDES OF NEW OR EXISTING WALLS.
- ELECTRICAL SUBCONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING FIRE ALARM AND LIFE SAFETY DEVICES WITHIN THE LIMIT OF DEMOLITION INCLUDING ASSOCIATED CONDUITS AND WIRES UP TO THE LAST POINT OF ZONE CONNECTION.
- ALL EXISTING WIRING, DEVICES AND CONDUITS WITHIN AREA OF WORK THAT ARE REQUIRED TO REMAIN IN USE AND ARE CONFLICTING WITH NEW WORKS SHALL BE RELOCATED AND WIRING RE-ROUTED, ALTER AND/OR DIVERTED BY ELECTRICAL SUBCONTRACTOR.
- ALL UNUSED ASSOCIATED WIRING IS TO BE REMOVED BACK TO THE SOURCE. CLEARLY MARK AND UPDATE MODIFIED PANELBOARDS.
- EXISTING VOICE/DATA OUTLETS, WIRING AND ASSOCIATED CONDUIT WITHIN THE LIMIT OF DEMOLITION ARE TO BE REMOVED AND REPLACED WITH NEW AT CITY OF WINNIPEG INDICATED LOCATIONS.
- INSTALL STAINLESS STEEL BLANK COVERPLATES C/W GASKETS FOR ALL WALL BOX DEVICES BEING REMOVED AND NOT RE-USED.
- COVER ALL NEW AND EXISTING OPEN JUNCTION BOXES ACTIVE OR ABANDONED WITH PROPER COVER PLATES.
- ELECTRICAL SUBCONTRACTOR TO FOLLOW AND COORDINATE DEMOLITION WORK ACTIVITIES FOLLOWING PROJECT WORK PHASING.
- ELECTRICAL SUBCONTRACTOR TO ALLOW FOR RELOCATION OF MINIMUM OF 6 EXISTING LOW BAY 250W HPS/208V LIGHTING LUMINAIRES AND RELOCATE TO SUIT NEW CONSTRUCTION. COORDINATE EXACT LOCATION ON SITE.
- ELECTRICAL SUBCONTRACTOR TO CONFIRM NEW LOCATION OF EXISTING OVEN AND PROVIDE ALL ELECTRICAL REQUIRED TO MAKE OVEN OPERATIONAL IN NEW LOCATION.

REFERENCE DRAWINGS	
NO.	DESCRIPTION



NO.	DATE	DISCUSSION	PREPARED	REVIEW	DESIGN	AUTHORIZE
00	13.06.27	ISSUED FOR CONSTRUCTION	KS	HC	KS	

PROVINCE OF MANITOBA  
 H.A. CEA-CANAS  
 Member  
 22882  
 REGISTERED PROFESSIONAL ENGINEER

**APEGM**  
 Certificate of Authorization  
**TETRA TECH WEI Inc.**  
 No. 5313 Date: April 30, 2014

ORIGINAL SIGNED 13.06.27

DESIGNED BY: HC	PREPARED BY: KS	REVIEWED BY: HC
AUTHORIZED BY: [Signature]	DATE: 2013.05.24	SCALE: AS NOTED

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CLIENT:  
**CITY OF WINNIPEG  
 TRANSIT DEPARTMENT**

**TETRA TECH**

PROJECT NAME:  
**ELECTRICAL SECTION RENOVATION AT THE  
 WINNIPEG TRANSIT GARAGE, 421 OSBORNE STREET**

DRAWING DESCRIPTION:  
**ELECTRICAL DEMOLITION PLAN**

DRAWING NO: 1329720200-DWG-E0002	REV: 00
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1 PARTIAL PLAN  
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