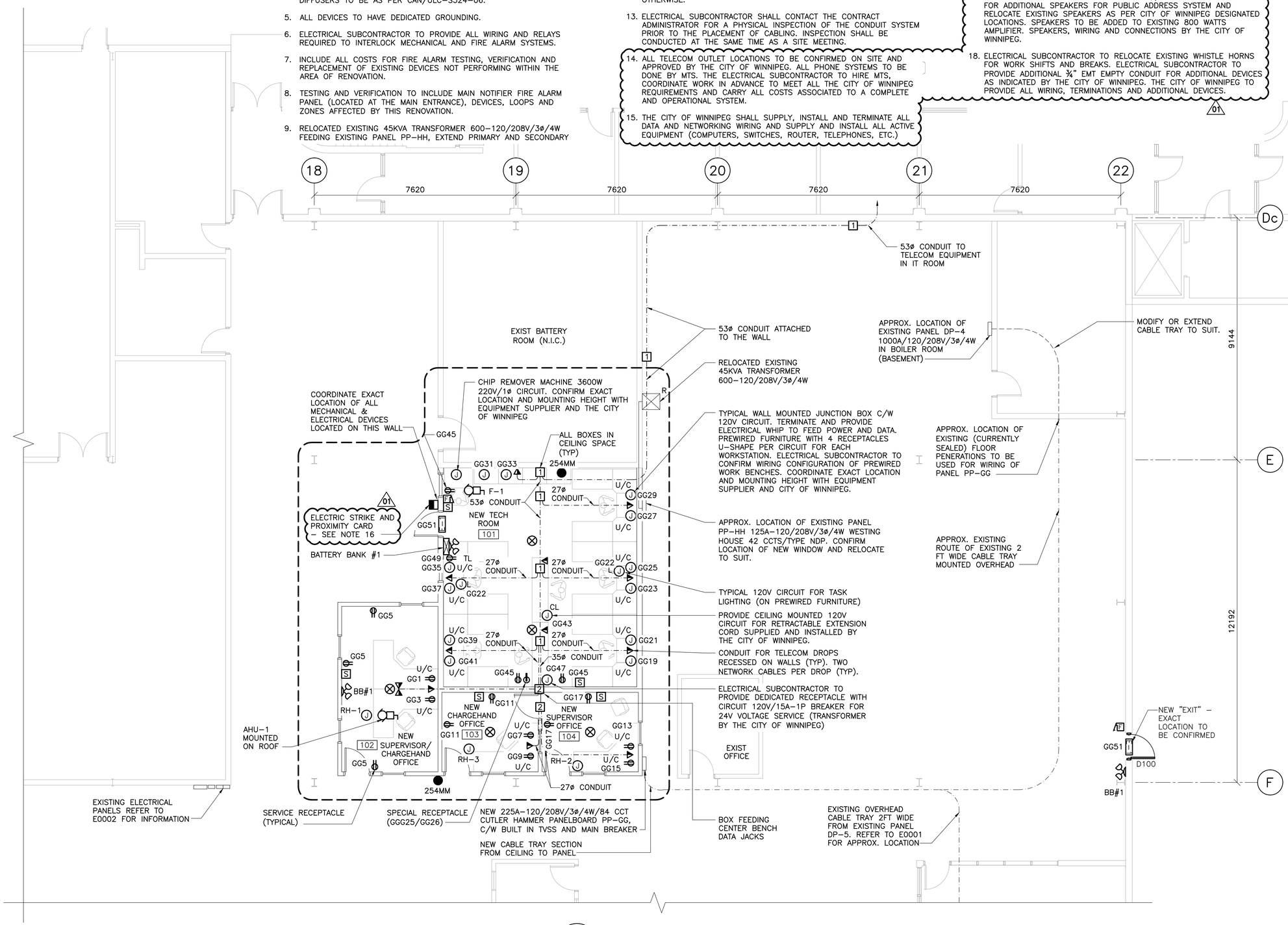
NOTES:

1. REFER TO ELECTRICAL KEY PLAN AND SYMBOL LEGEND DWG E0001 FOR ELECTRICAL SYMBOL SCHEDULE AND LETTERS DESIGNATION
2. ELECTRICAL SUBCONTRACTOR TO CONFIRM EXPANDABILITY AND CAPACITY OF EXISTING FIRE ALARM SYSTEM INCLUDE ALL COSTS FOR PROGRAMMING, EXPANSION AND MODIFICATIONS TO COMPLY WITH DESIGN AND APPLICABLE CODES TO MAKE THE SYSTEM OPERATIONAL.
3. ELECTRICAL SUBCONTRACTOR TO SUPPLY, INSTALL WIRE AND CONNECT NEW FIRE ALARM DEVICES TO EXISTING ZONES. COORDINATE LOCATIONS WITH ACOUSTIC CEILING CONTRACTOR, MECHANICAL SUBCONTRACTOR AND TRADES INVOLVED. NEW FIRE ALARM DEVICES TO MATCH EXISTING IN ALL RESPECTS.
4. MOUNTING HEIGHT OF DEVICES AND SPACING BETWEEN HVAC DIFFUSERS TO BE AS PER CAN/ULC–S524–06.
5. ALL DEVICES TO HAVE DEDICATED GROUNDING.
6. ELECTRICAL SUBCONTRACTOR TO PROVIDE ALL WIRING AND RELAYS REQUIRED TO INTERLOCK MECHANICAL AND FIRE ALARM SYSTEMS.
7. INCLUDE ALL COSTS FOR FIRE ALARM TESTING, VERIFICATION AND REPLACEMENT OF EXISTING DEVICES NOT PERFORMING WITHIN THE AREA OF RENOVATION.
8. TESTING AND VERIFICATION TO INCLUDE MAIN NOTIFIER FIRE ALARM PANEL (LOCATED AT THE MAIN ENTRANCE), DEVICES, LOOPS AND ZONES AFFECTED BY THIS RENOVATION.
9. RELOCATED EXISTING 45KVA TRANSFORMER 600–120/208V/3ø/4W FEEDING EXISTING PANEL PP–HH, EXTEND PRIMARY AND SECONDARY FEEDERS TO SUIT NEW LOCATION. ELECTRICAL CONTRACTOR TO PROVIDE WALL MOUNTED FRAME STRUCTURALLY CAPABLE TO ACCOMMODATE TRANSFORMER. RE–GROUP OR REORGANIZE CIRCUITS ON PANEL PP–HH AS REQUIRED TO MEET CEC PART 1. PROVIDE UPDATED TYPEWRITTEN PANELBOARDS DIRECTORIES.
10. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING DETAILS.
11. PANEL PP–GG TO BE FED FROM EXISTING PANEL DP–4 LOCATED IN BOILER ROOM. ELECTRICAL CONTRACTOR TO WIRE NEW PANEL USING PORTIONS EXISTING CABLE TRAY AND ADDING SECTIONS AS NECESSARY. APPROXIMATE DISTANCE BETWEEN EXISTING PANEL DP–4 AND NEW PANEL PP–GG IS 200 FT. CONFIRM WITH MANUFACTURER EXISTING HARDWARE IS SUITABLE TO ACCOMMODATE NEW 300A–3P CIRCUIT BREAKER FEEDING NEW PANEL PP–GG.
12. ALL TELECOM CONDUITS TO BE 27mm MIN UNLESS NOTED OTHERWISE.
13. ELECTRICAL SUBCONTRACTOR SHALL CONTACT THE CONTRACT ADMINISTRATOR FOR A PHYSICAL INSPECTION OF THE CONDUIT SYSTEM PRIOR TO THE PLACEMENT OF CABLING. INSPECTION SHALL BE CONDUCTED AT THE SAME TIME AS A SITE MEETING.
14. ALL TELECOM OUTLET LOCATIONS TO BE CONFIRMED ON SITE AND APPROVED BY THE CITY OF WINNIPEG. ALL PHONE SYSTEMS TO BE DONE BY MTS. THE ELECTRICAL SUBCONTRACTOR TO HIRE MTS, COORDINATE WORK IN ADVANCE TO MEET ALL THE CITY OF WINNIPEG REQUIREMENTS AND CARRY ALL COSTS ASSOCIATED TO A COMPLETE AND OPERATIONAL SYSTEM.
15. THE CITY OF WINNIPEG SHALL SUPPLY, INSTALL AND TERMINATE ALL DATA AND NETWORKING WIRING AND SUPPLY AND INSTALL ALL ACTIVE EQUIPMENT (COMPUTERS, SWITCHES, ROUTER, TELEPHONES, ETC.)
16. ELECTRIC STRIKE
    - ELECTRICAL SUBCONTRACTOR TO PROVIDE ¾" EMT EMPTY CONDUIT BETWEEN CABLETRAY AND 4"x4" DEEP BOX (WITH SINGLE GANG RING MOUNTED SIDEWAYS) MOUNTED ABOVE THE DOOR 4"x4" BOX TO ACCOMMODATE PIR REQUEST TO EXIT.
    - ELECTRICAL SUBCONTRACTOR TO PROVIDE SINGLE GANG BOX AND EMT EMPTY CONDUIT BETWEEN ABOVE DOOR 4"x4" BOX AND SINGLE GANG BOX FOR CARD READER.
    - ELECTRICAL SUBCONTRACTOR TO PROVIDE ½" EMT EMPTY CONDUIT BETWEEN TOP OF THE DOOR J.B. AND TOP OF DOOR FRAME FOR DOOR CONTACTS.
17. ELECTRICAL SUBCONTRACTOR TO INCLUDE ¾" EMT EMPTY CONDUIT FOR ADDITIONAL SPEAKERS FOR PUBLIC ADDRESS SYSTEM AND RELOCATE EXISTING SPEAKERS AS PER CITY OF WINNIPEG DESIGNATED LOCATIONS. SPEAKERS TO BE ADDED TO EXISTING 800 WATTS AMPLIFIER. SPEAKERS, WIRING AND CONNECTIONS BY THE CITY OF WINNIPEG.
18. ELECTRICAL SUBCONTRACTOR TO RELOCATE EXISTING WHISTLE HORNS FOR WORK SHIFTS AND BREAKS. ELECTRICAL SUBCONTRACTOR TO PROVIDE ADDITIONAL ¾" EMT EMPTY CONDUIT FOR ADDITIONAL DEVICES AS INDICATED BY THE CITY OF WINNIPEG. THE CITY OF WINNIPEG TO PROVIDE ALL WIRING, TERMINATIONS AND ADDITIONAL DEVICES.

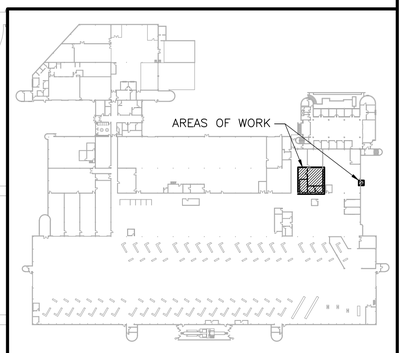



1 – – PARTIAL MAIN FLOOR PLAN
1:75

REFERENCE DRAWINGS

| NO. | DESCRIPTION |
|---|---|
| | |

1:75 1.5 0 1 2 3m




KEY PLAN

| NO. | DATE: | DESCRIPTION | PREPARED | REVIEW | DESIGN | AUTHORIZE |
|---|---|---|---|---|---|---|
| 01 | 13.07.12 | ISSUED W/ ADDENDUM No. 01 | EV | HC | HC | DP |
| 00 | 13.06.27 | ISSUED FOR CONSTRUCTION | KS | HC | KS | DP |

REVISIONS/ISSUE: DRAFTING: ENGINEERING

SEAL:
ORIGINAL DRAWING REVISION "00" SEALED BY H.A. CEA CANAS 13.07.27

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

| DESIGNED BY: | PREPARED BY: | REVIEWED BY: |
|---|---|---|
| HC | KS | HC |
| AUTHORIZED BY: | DATE: | SCALE: |
| | 2013.05.24 | AS NOTED |

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SUB-CONSULTANT(S):

CLIENT:
CITY OF WINNIPEG
TRANSIT DEPARTMENT

TETRA TECH

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

DRAWING DESCRIPTION:
ELECTRICAL
PARTIAL MAIN FLOOR PLAN

DRAWING NO: 1329720200-DWG-E0003
REV: 01

A1 (841 x 594)

3D MODEL REF No: