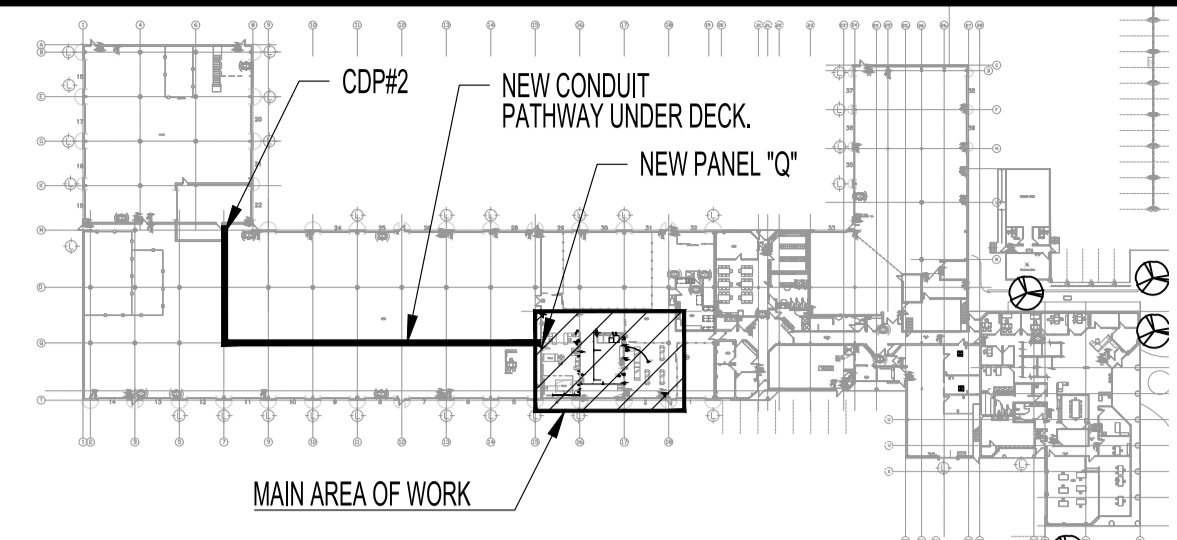


- RENOVATION NOTES "X"**
 ALSO SEE NOTES & SPECIFICATIONS.
 ALL ABANDONED CABLES SHALL BE REMOVED AS REQUIRED BY LATEST CANADIAN ELECTRICAL CODE. DO NOT DISTURB OR DISCONNECT ANY WIRING & CABLING IN AREA OF WORK REQUIRED FOR OTHER AREAS.
 ALL WIRING, CABLING SHALL BE CONCEALED IN DOOR JAMB &/OR IN WALL CAVITY FOR FINISH SPACE. ALL DEVICE RECEPTACLES & SWITCHES FLUSH-MOUNT TO FINISH WALLS, EXCEPT MASONRY WALLS. PROVIDE FIRE-STOP (BOTH SIDES) AT ALL CABLES & CONDUITS PASSING THROUGH NEW WALLS.
- PROVIDE NEW ELECTRICAL PANEL "Q".
 - 1.1. PROVIDE & SECURELY SURFACE MOUNT ELECTRICAL PANEL TO WALL STUDS OR PROVIDE 3/4" THICK PLYWOOD SHEET BACKING.
 - 1.2. FED FROM (CDP #2) IN EMT.
 - 1.3. MOUNT PANEL BOARD TOP AT 72" AFF.
 - 1.4. PROVIDE COORDINATED TRIPS & SETTINGS FOR ALL BREAKERS.
 - FOR (F-1) & (F-2), PROVIDE WIRE IN EMT FROM PANEL "Q" TO JB OR DISCONNECT SWITCH THEN FLEXIBLE 3/4" TECK TO (F-1) & (F-2).
 - 2.1. AS PER MANUFACTURER'S FAN INSTALLATION.
 - 2.1.1. WIRE (F-2) FIRE NC RELAY TO FIRE ALARM SYSTEM TO DE-ENERGIZED FAN IN THE EVENT OF A FIRE ALARM. ALL WIRING SHALL BE IN EMT.
 - 2.1.2. PLUG CAT-5e TO (F-2) TOP OF DOWN TUBE RJ-45 & ROUTE CAT 5e INSIDE EMT TO FLUSH WALL MOUNTED FAN CONTROLLER (REFER TO MECH. DWG).
 - RELOCATE INFRARED HEATING BURNERS CEILING RECEPTACLES AS REQUIRED TO SUIT NEW BURNER LOCATIONS. EXTEND CIRCUITS ARE REQUIRED.
 - WIRE (AC-1CU) TO DEDICATED CIRCUIT AS SHOWN THEN FEED TO (AC-1) AS PER MANUFACTURER'S INSTALLATION.
 - PROVIDE A DEDICATED CIRCUIT FOR BOTH BASEBOARD HEATERS (BB-1). WIRE IN 1/2" EMT (AC90 CABLE ACCEPTABLE IN WALL). ALL WIRING TO BE CONCEALED BEHIND WALL & CEILING. REFER TO HEATER SCHEDULE.
 - 5.1. PROVIDE A PROGRAMMABLE ELECTRONIC THERMOSTAT (T) CONNECT TO BOTH (BB-1) FOR LOCAL TEMPERATURE CONTROL. MOUNT 42" ABOVE FINISH FLOOR. ALL WIRING TO BE CONCEALED BEHIND WALL & CEILING.
 - RELOCATE (WS-1) & (WS-2) RECEPTACLES TO NEW EAST WALL AT MINIMUM 42" AFF OR 12" HIGHER THAN THE HIGHEST PLUMBING LINES, WHICHEVER IS HIGHEST. ALL NEW IN-WALL RECEPTACLES FOR (WS-1), (WS-2) & (WS-4) TO BE FLUSH WITH NEW WALL(S), CONFIRM LOCATIONS.
 - 6.1. PROVIDE NEW (WS-3) & (WS-4) FLUSH WALL RECEPTACLES. PROVIDE POWER CORD ASSEMBLIES WITH PLUG ENDS.
 - PROVIDE DEDICATED CIRCUIT FOR UNIT HEATER (UH-1) & COMPACT DISCONNECT (4-1/2" x 3-1/2"). WIRE SIZE AS PER PANEL SCHEDULE IN EMT TO CIRCUIT SHOWN. WIRE THERMOSTAT AS PER MECHANICAL DRAWINGS. SURFACE MOUNT COMPACT DISCONNECT 8" OR LESS TO UNIT HEATER THERMOSTAT.
 - PROVIDE CIRCUIT SHOWN FOR NEW STANDALONE DUAL-GAS DETECTORS (CO & NO₂).
 - 8.1. SUPPLY & INSTALL HONEYWELL MODEL E3POINT WITH REMOTE & OPTIONAL MAIN AC INPUT WITH ON-BOARD RELAYS, TRANSFORMER, MOUNT SENSORS AT 48" AFF & BFC. WIRE TO INTERLOCK NEW RELAY WITH EXHAUST FAN (F-1).
 - RELOCATE DROP CORD & POWER REELS TO SAME LOCATIONS ON NEW ACT CEILING. PROVIDE STRUCTURAL CROSS SUPPORT BARS & NEW CABLE STRAIN SUPPORTS.
 - PROVIDE NEW IN-WALL RECEPTACLES & GF RECEPTACLES AS SHOWN.



KEY PLAN
SCALE: N.T.S.

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISH FLOOR
BFC	BELOW FINISHED CEILING
CB	CIRCUIT BREAKER
CCT	CIRCUIT, CCT: C-PANEL "B"; CT=CIRCUIT "1" (B1)
CEC	CANADIAN ELECTRICAL CODE LATEST EDITION
CW	COMES WITH
D	DEMOLITION, REMOVE BACK TO SOURCE
DED	DEDICATED CIRCUIT
DSW	DISCONNECT SWITCH
E	EXISTING OR "NO DESIGNATION"
EQ.	EQUAL
GF	GROUND FAULT CIRCUIT INTERRUPTER
JB	JUNCTION BOX
N	NEW
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
O/C	ON CENTER
PNL	PANEL
R	RELOCATE
TBD	TO BE DETERMINED
TYP.	TYPICAL
VSR	VOLTAGE SENSING RELAY
WP	WEATHERPROOF

ELECTRICAL LEGEND

TYPE	DESCRIPTION
Panel	ELECTRICAL PANEL
GF	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE
DP	DUPLEX RECEPTACLE
MS	MOTOR STARTER/DISCONNECT SWITCH
JB	JUNCTION BOX
CGD	DUAL-GAS DETECTOR

HEATER SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	CATALOG No.	WATTS	VOLTPH.	NOTES
BB-1	BASEBOARD	OUELLET	OFM1508	1500	208V1PH.	1, 2, 3
T	PROGRAMMABLE THERMOSTAT	HONEYWELL	TL 8130A 1005			

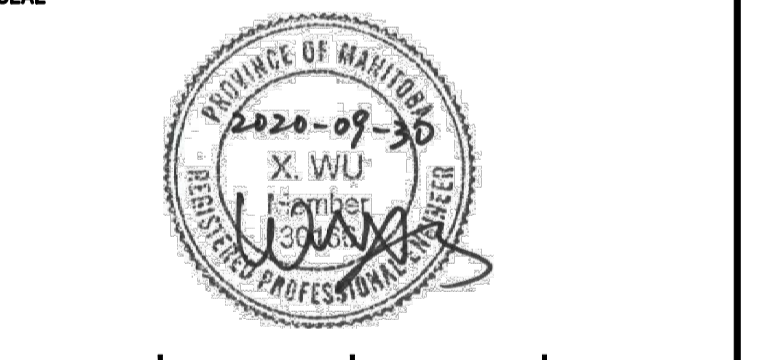
HEATER SCHEDULE NOTES:
 1. WIRED TO WALL THERMOSTAT (T) FOR LOCAL TEMPERATURE CONTROL.
 2. APPROVED EQUAL IN ACCORDANCE WITH B7 - CHROMALOX, STELPRO, REZINOR

NOTES:
 THESE DRAWINGS SHALL NOT BE SCALED. CONSULT WITH CLIENT AND DESIGNER ON ANY CONCERNS.
 ABBREVIATIONS AND ELECTRICAL LEGEND SHOWN ON DRAWING ES.
 PRIOR TO ANY WIRING WORK, CONFIRM ALL ELECTRICAL PANEL BOARDS (56A, 56B & 5A) CIRCUITS & CIRCUIT BREAKERS STATUS ARE AVAILABLE & CAN PROCEED AS SHOWN.
 ALSO REFER TO ARCHITECTURAL, MECHANICAL & ELECTRICAL DRAWINGS & SPECIFICATIONS.
 SUBMISSION OF SITE MARK-UPS, AS-BUILTS, OPERATING & MAINTENANCE MANUALS AND OTHER SUPPORTING DOCUMENTS TO CLIENT ARE MANDATORY AT THE COMPLETION OF THIS PROJECT.
 THE CONTRACTOR SHALL VISIT THE SITE AND ENSURE ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.
 THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCTS, PIPES & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.
 ALL OPENINGS THROUGH FIRE ASSEMBLIES INCLUDING FLOORS AND CEILINGS ARE TO BE FIRE STOPPED AND SEALED WITH UL/C APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.
 ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS, APPLICABLE CODES AND AUTHORITY HAVING JURISDICTION.
 THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING PART OF THE RENOVATION WORK.
 PROVIDE DYNA LABELS ON ALL EXISTING SWITCHES, PORTS & RECEPTACLES. PANEL SCHEDULE SHALL BE RETYPED TO REFLECT AS-BUILT CONDITIONS & INSERTED TO INSIDE OF ASSOCIATED PANEL DOOR SLEEVE PROTECTOR.
 ALL ABANDONED ELECTRICAL FIXTURES, COMPONENTS, RECEPTACLES & DATA CABLING SHALL BE REMOVED BACK TO SOURCE & TERMINATED AS PER APPLICABLE CODES.
 RECONNECT & TEST ALL FIRE PREVENTION EQUIPMENT.
WARNING:
 ASBESTOS MAYBE PRESENT BEHIND WALLS, CEILING SPACE & FLOORS. IF ASBESTOS & ANY HAZARDOUS MATERIAL IS FOUND, STOP WORK IMMEDIATELY & CONTACT CONTRACT ADMINISTRATOR & EDISON PROPERTIES, PH. 204-223-6457.

ELECTRICAL

SHEET No:	SHEET TITLE
E1	PARTIAL MAIN FLOOR PLAN - ELECTRICAL: POWER AND SYSTEMS
E2	PARTIAL MAIN FLOOR REFLECTED CEILING PLAN: ELECTRICAL; LIGHTING AND SCHEDULE
E3	PARTIAL MAIN FLOOR REFLECTED CEILING PLAN: ELECTRICAL; FIRE ALARM AND EMERGENCY LIGHTING
E4	ELECTRICAL SPECIFICATIONS, PANEL SCHEDULE, SINGLE LINE DIAGRAM

No.	REVISION/DESCRIPTION	BY	DATE
1	ISSUED FOR ADDENDUM 1	DTA	2020.10.21
0	ISSUED FOR CONSTRUCTION	DTA	2020.09.30



DATE	CHECKED	DESIGNED	APPROVED
2020.09.15	USER		APPROVAL

THE CITY OF WINNIPEG
 PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
 MUNICIPAL ACCOMMODATIONS DIVISION
 3-65 GARRY STREET, R3C 4K4

PROJECT
 FPS TRAINING, REPAIR & STORAGE FACILITY
 TURN OUT GEAR LAUNDRY ROOM

2546 McPhillips Street BID OPP: 696-2020

SHEET TITLE
 PARTIAL MAIN FLOOR PLAN
 ELECTRICAL
 POWER AND SYSTEMS

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2020-047	E1R1