

GENERAL NOTES

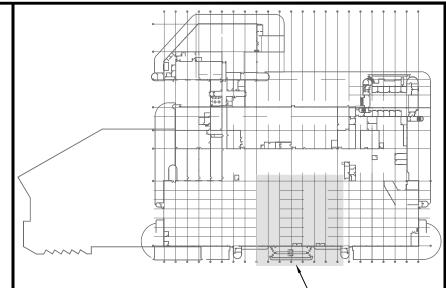
- A. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING EXACT LAYOUT, ROUTING, ETC. VERIFY EXISTING SERVICES ON
- B. VERIFY ALL EXISTING EQUIPMENT BEING RE-USED IS WORKING PRIOR TO INSTALLATION. SUPPLY NEW EQUIPMENT AS NECESSARY.
- C. CONTRACTOR TO DETERMINE EXACT CABLE ROUTES ON SITE. WHERE POSSIBLE FOLLOW EXISTING CABLE ROUTES THROUGH BUILDING. RE-USE EXISTING OPENINGS AND PENETRATIONS TO ROUTE CABLES. PROVIDE NEW PENETRATIONS WHERE EXISTING CANNOT BE RE-USED. SEAL ALL PENETRATIONS.
- D. SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS WITH FIRE STOP MATERIAL AS REQUIRED TO MAINTAIN ASSEMBLY RATING.
- E. COORDINATE FULLY WITH MECHANICAL FOR THE SEQUENCE OF DEMOLITION AND CONSTRUCTION.
- F. COORDINATE WITH THE CITY PRIOR TO SHUT DOWN OF
- G. DRAWINGS SHOW ONLY A GENERAL SCHEMATIC OF NEW AND SOME EXISTING SYSTEMS. ROUTING CONDUITS AND/OR CABLES AND LOCATIONS SHALL SUIT SITE CONDITIONS AND MAY HAVE TO BE CHANGED TO AVOID CONFLICT WITH EXISTING STRUCTURE AND SERVICES. WHEN A CONFLICT CANNOT BE AVOIDED, THE

EXISTING SERVICES SHALL BE MODIFIED AS REQUIRED.

- H. PROVIDE LIQUID TIGHT CONNECTORS FOR ALL CONDUITS INSTALLED INSIDE GARAGE AND ON ROOF.
- I. CONTRACTOR SHALL ENSURE COORDINATION BETWEEN ALL SUBCONTRACTORS AND CONTRACT ADMINISTRATOR, ON AND OFF SITE, AS REQUIRED FOR INSTALLATION OF ELECTRICAL FOUIPMENT
- J. ARRANGE AND PAY CERTIFIED ROOFING CONTRACTOR TO PROVIDE NEW ROOF PITCH BOXES, SEAL ROOF OPENINGS EXPOSED FROM REMOVAL OF EXISTING FEEDERS. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS.
- K. CONTRACTOR TO VISIT SITE DURING BID AND VERIFY ALL EXISTING SERVICES ON SITE PRIOR TO SUBMITTING BID. REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR DURING BID PERIOD.
- L. THIS BUILDING MAY CONTAIN ASBESTOS. REFER TO FRONT END SPECIFICATION FOR FURTHER INFORMATION.

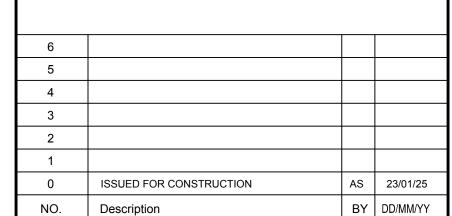
KEY NOTES ⊕

- 1. WIRE AND CONNECT NEW INFRARED HEATER PROVIDED BY MECHANICAL. CONFIRM CONNECTION TYPE (HARDWIRED OR PLUG-IN (RECEPTACLE)) WITH MECHANICAL CONTRACTOR AND PROVIDE ACCORDINGLY. UTILIZE 120V CIRCUIT MADE AVAILABLE DURING DEMOLITION. EXTEND WIRE, CONDUIT, ETC. AS REQUIRED. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR.
- 2. NEW FEEDERS/CONDUIT FOR ROOFTOP EQUIPMENT TO PENETRATE ROOF THROUGH NEW PITCH BOXES. CONFIRM EXACT ROUTING ON SITE. SEAL ALL PENETRATIONS AND MAKE WEATHER TIGHT. REFER TO CONDUIT BOX DETAIL SHEET RD-3 IN THE SPECIFICATION FOR FURTHER INFORMATION.
- PROVIDE A NEW 20A BREAKER FOR ROOFTOP RECEPTACLES. BREAKERS TO MATCH EXISTING IN ALL RESPECTS.
- 4. PROVIDE NEW HEAT TRACE CONTROLLER C/W INTEGRAL GFI PROTECTION AND AMBIENT TEMPERATURE SENSOR FOR ROOF DRAIN HEAT TRACING (RAYCHEM ECW-GF OR APPROVED EQUIVALENT). WIRE LINE SIDE TO A NEW DEDICATED 15A-2P 208V CIRCUIT IN PANEL EE WITH MINIMUM 2#10 (PLUS BONDING CONDUCTOR IN CONDUIT). BREAKER TO MATCH EXISTING IN ALL RESPECTS. INSTALL AS PER MANUFACTURERS REQUIREMENTS. CONNECT LOAD SIDE TO NEW DRAIN LINE HEAT TRACING ON ROOF. COORDINATE EXACT CONTROLLER LOCATION WITH OWNER PRIOR TO ROUGH IN.
- 5. PROVIDE A NEW 15A-120V CIRCUIT FROM PANEL EE FOR NEW HRU CONTROL PANEL. BREAKER TO MATCH EXISTING IN ALL RESPECTS. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR.
- 6. WIRE AND CONNECT NEW GAS DETECTORS SUPPLIED BY MECHANICAL. WIRE AND CONNECT TO A NEW 15A-120V CIRCUIT IN PANEL EE WITH 2#10 IN CONDUIT (2 SENSORS PER CIRCUIT). PROVIDE A NEW 15A-1P BREAKER IN PANEL EE. BREAKER TO MATCH EXISTING IN ALL RESPECTS. REFER TO MECHANICAL DRAWINGS FOR EXISTING GAS DETECTION PANEL LOCATION. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR.
- 7. PROVIDE NEW JUNCTION BOX IN ACCESSIBLE CEILING SPACE AS AS REQUIRED TO RE-FEED EXISTING ROOF TOP RECEPTACLES NOT REMOVED DURING DEMOLITION. EXTEND WIRE, CONDUIT, ETC. AS REQUIRED. COORDINATE EXACT LOCATION OF JUNCTION BOX ON SITE. REFER TO DRAWING E2.2 FOR FURTHER INFORMATION.



AREA OF WORK













Project Title

TRANSIT MAINTENANCE AND REPAIR BUILDING MECHANICAL UPGRADE - CENTRE HIGH BAY MANITOBA

PARTIAL MAIN FLOOR PLAN ELECTRICAL - NEW
CONSTRUCTION

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