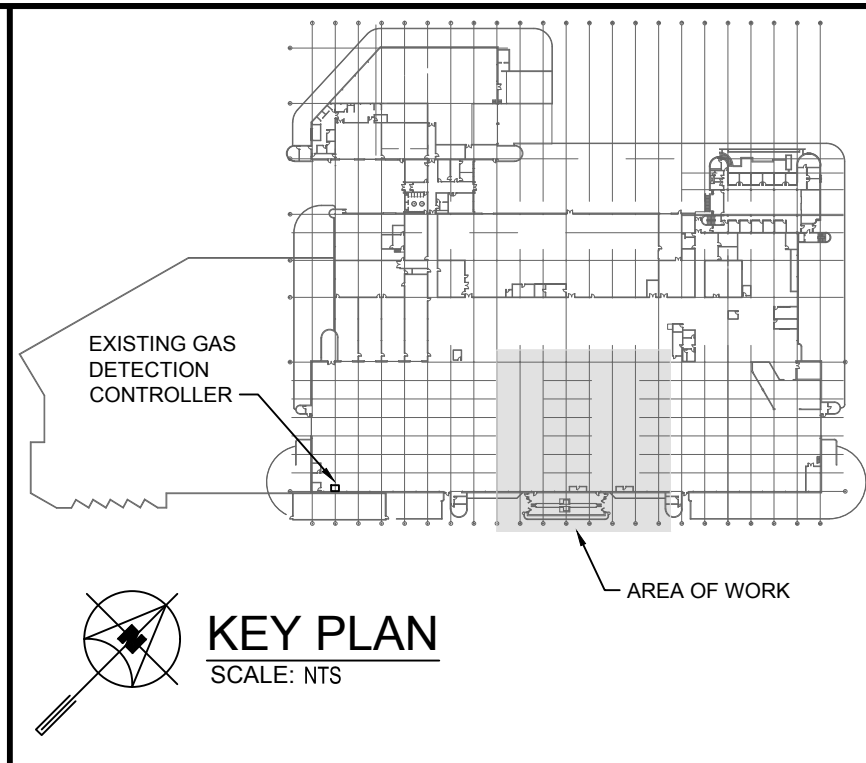


**GENERAL NOTES**

- A. ALL ABANDONED EQUIPMENT AND SERVICES WITHIN AREA OF WORK SHALL BE REMOVED.
- B. THIS BUILDING MAY CONTAIN ASBESTOS. REFER TO FRONT END SPECIFICATIONS FOR FURTHER INFORMATION.
- C. PRIOR TO DEMOLISHING AND REMOVAL OF THE EXISTING EQUIPMENT, COORDINATE WITH THE CITY. RETURN EQUIPMENT TO THE CITY AS REQUIRED.
- D. THE WORK AREA IS OCCUPIED 24/7. DURING THE HOURS OF 7:00 AM TO 2:30 PM, IT IS THE BUSIEST TIME FOR THE AREA AND IT IS PREFERRED THAT NO MORE THAN TWO HOIST SPACES ARE IMPACTED BY THE SCOPE OF WORK BUT ADDITIONAL HOISTS MAY BE IMPACTED WITH SUFFICIENT NOTICE AND APPROVAL DURING THE HOURS OF 2:30 PM TO 7:00 AM. THE AREA IS LESS BUSY AND APPROVAL FOR ADDITIONAL HOISTS TO BE IMPACTED WILL BE MORE EASILY OBTAINED. COORDINATE WITH THE CITY PRIOR TO COMMENCEMENT OF WORK. UPON COMPLETION OF WORK AT THE END OF EACH SHIFT, CLEAN UP THE AREA OF WORK TO ENSURE THE HOISTS ARE NOT IMPACTED.
- E. FOR DRAWING CLARITY, NOT ALL MECHANICAL EQUIPMENT, PIPING AND DUCTWORK HAS BEEN SHOWN.
- F. CAUTION SHOULD BE TAKEN TO PREVENT SILICA RELEASE AND FUMES INSIDE THE GARAGE.

**KEY NOTES**

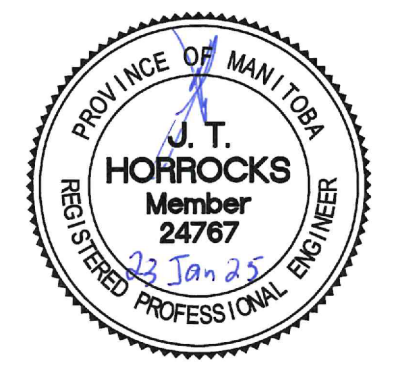
- 1. PROVIDE NEW GAS FIRED INFRARED HEATER. INSTALL AS HIGH AS POSSIBLE BUT AT LEAST 5' ABOVE HEIGHT OF BUS FULLY RAISED ON HOIST. PROVIDE MAXIMUM ALLOWANCE STACKING HEIGHT SIGNS AND OTHER SIGNS REQUIRED BY MANUFACTURER. PROVIDE LOWER RADIANT SHIELD TO BURNER. INSTALL IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS.
- 2. CONNECT NEW FLUE VENT TO EXISTING FLUE VENT.
- 3. NEW COMBUSTION AIR INTAKE THROUGH ROOF. PROVIDE WEATHER TIGHT SEAL IN ACCORDANCE WITH ROOF DETAIL. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
- 4. NEW THERMOSTAT WIRED TO INFRARED HEATERS. INSTALL IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS. FINAL INSTALL LOCATION TO BE DETERMINED ON SITE AFTER COORDINATING WITH THE CITY.
- 5. NEW FLUE VENT THROUGH ROOF. PROVIDE FLUE VENT IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS.
- 6. OFFSET PIPE TO AVOID NEW STRUCTURAL BEAM APPROXIMATELY AS SHOWN. REFER TO STRUCTURAL DRAWINGS FOR EXACT LOCATION OF BEAM. COORDINATE ON SITE.
- 7. CONNECT NEW NATURAL GAS PIPE TO EXISTING 20PSI NATURAL GAS SYSTEM.
- 8. NEW NATURAL GAS PIPE UP THROUGH ROOF. REFER TO DRAWING M2.2 FOR CONTINUATION.
- 9. CONNECT NEW DOMESTIC COLD WATER PIPE TO EXISTING PIPE.
- 10. DOMESTIC COLD WATER PIPE THROUGH ROOF SERVING NON FREEZE ROOF HYDRANT. REFER TO DRAWING M2.2 FOR CONTINUATION AND ROOF HYDRANT SCHEMATIC DETAIL.
- 11. CAP-OFF FOR FUTURE CONNECTION.
- 12. NEW NATURAL GAS REGULATOR SERVING INFRARED HEATERS. PROVIDE VENT PIPE THROUGH ROOF.
- 13. CONNECT NEW INFRARED HEATER TO EXISTING THERMOSTAT.
- 14. PROVIDE NEW GAS DETECTOR TIED INTO EXISTING CONTROLLER AT GRID LINES 2 AND H (REFER TO KEYPLAN). REFER TO ELECTRICAL FOR POWER DISTRIBUTION.



**KEY PLAN**  
SCALE: NTS

6			
5			
4			
3			
2			
1			
0	ISSUED FOR CONSTRUCTION	JH	23/01/25
NO.	Description	BY	DD/MYY

**ENGINEERS  
GEOSCIENTISTS  
MANITOBA**  
Certificate of Authorization  
**SMS Engineering Ltd.**  
No. 166



**SMS Engineering**  
770 Bradford Street Winnipeg, Canada (204) 775-0291  
24-256-01



**Winnipeg Transit**

Project Title  
**TRANSIT MAINTENANCE AND REPAIR BUILDING MECHANICAL UPGRADE - CENTRE HIGH BAY WINNIPEG MANITOBA**

Drawing Title  
**PARTIAL MAIN FLOOR PLAN - PLUMBING AND GAS DETECTION - NEW CONSTRUCTION**

Drawn By	API/ KS	Checked By	JH	Approved By	JH
Scale	AS INDICATED	Date	DECEMBER 2024	Project No.	24-256-01
Revision Number	0	Drawing Number	M2.1	Sheet Order	6 OF 10

FILE NAME AND PATH: C:\ProgramData\256 Transit Maintenance Building Phase 6 HVAC Upgrade\01 CAD - Rev\03.5 Mech\PHASE 02\24256\_M2\_1\_P1.dwg  
 LAYOUT: M2.1  
 LAST SAVED BY: API  
 DATE PLOTTED: Thursday, April 25, 2025 10:03:02 AM

**1 PARTIAL MAIN FLOOR PLAN - PLUMBING AND GAS DETECTION - NEW CONSTRUCTION**  
SCALE: 1/16"=1'-0"