

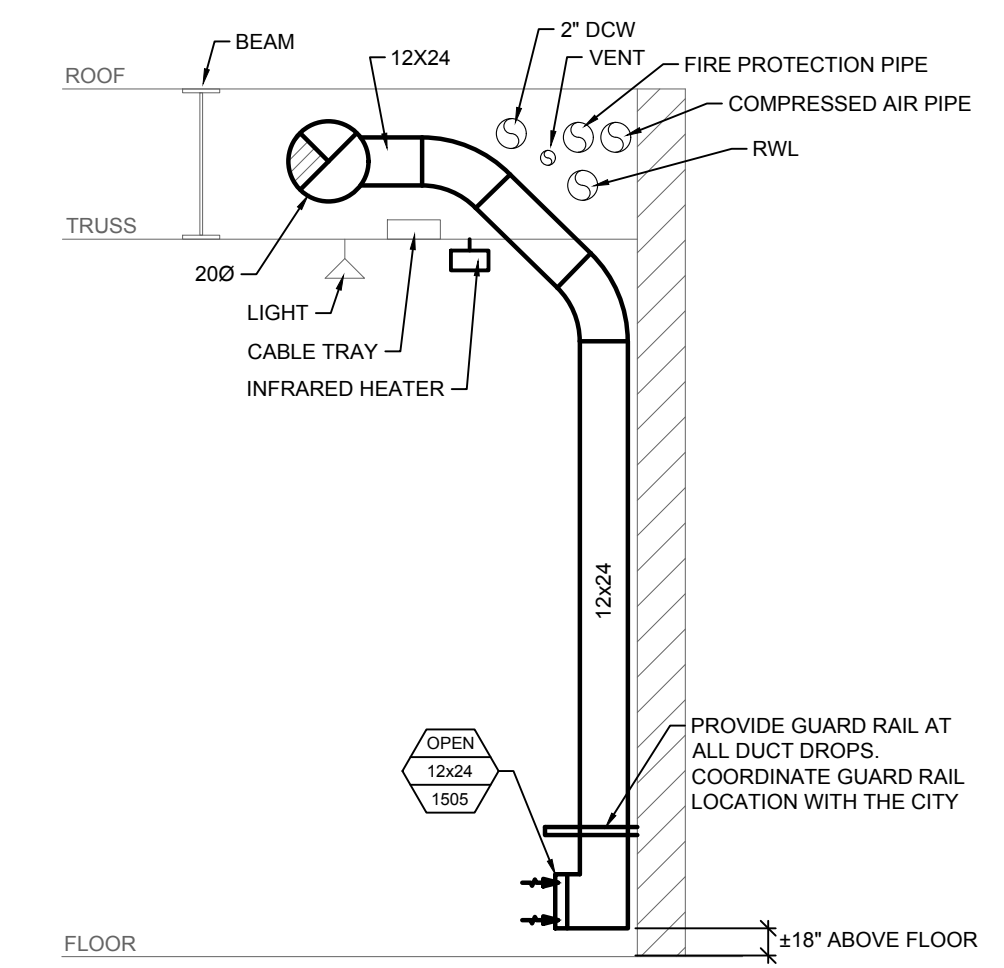
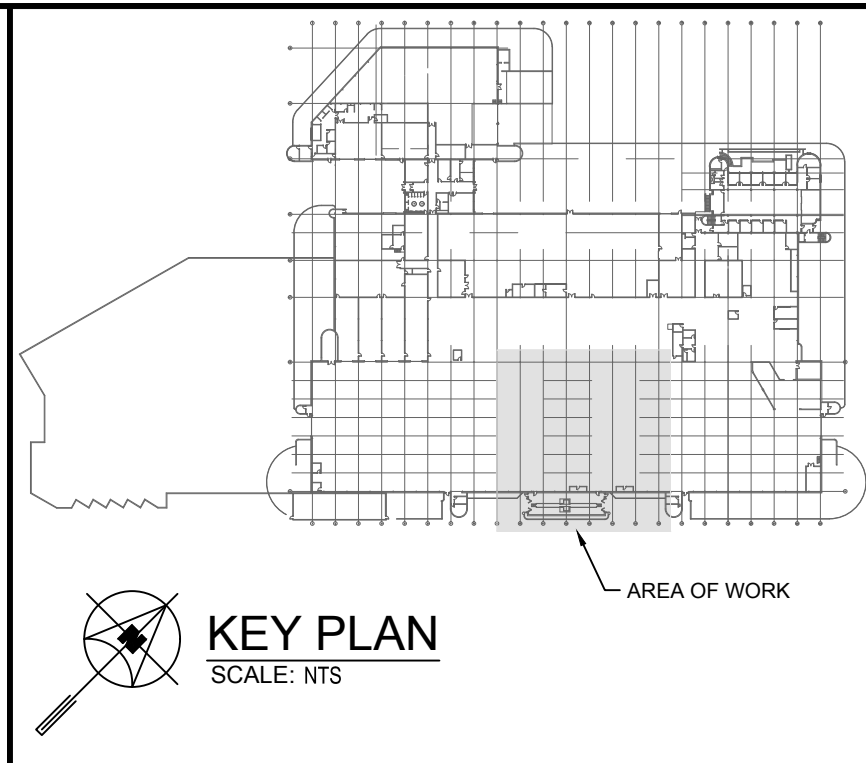
1 PARTIAL MAIN FLOOR PLAN - VENTILATION - NEW CONSTRUCTION
SCALE: 1/16"=1'-0"

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. DUCT RUNNING EASTWEST TO BE RUN THROUGH JOIST WEBS.
- 2. DUCT RUNNING NORTH/SOUTH TO BE RECESSED UP BETWEEN JOISTS.
- 3. RUN DUCTWORK DOWN THE WALL. SUPPORT DUCT FROM WALL. COORDINATE FINAL DROP DOWN LOCATION WITH THE CITY PRIOR TO INSTALLATION.
- 4. EXHAUST DUCT OPENING CW WIRE MESH AT LOW LEVEL ±18" ABOVE FLOOR. PROVIDE GUARD RAIL AROUND DUCT.
- 5. EXHAUST DUCT OPENING CW WIRE MESH AT HIGH LEVEL.
- 6. OFFSET EXHAUST DUCT TO AVOID SUPPLY DUCT/EXISTING SERVICE PIPES.
- 7. REFER TO M4.1 FOR DETAIL.
- 8. ENSURE DUCT DROP HEIGHT DOES NOT IMPACT THE FULL LIFT OF BUS.
- 9. PROVIDE NEW CONTROLLER FOR HRU-3 & 4 AT APPROXIMATELY THIS LOCATION AND TIE INTO EXISTING JOHNSON CONTROL METASYS SYSTEM. REFER TO ELECTRICAL FOR POWER SUPPLY REQUIREMENTS.
- 10. REFER TO SPECIFICATION SECTION 238010 CLAUSE 2.3.2 FOR DUCT PRESSURE CLASS CONSTRUCTION REQUIREMENTS.
- 11. ENSURE THAT NO FUMES FROM GAS FIRED CONSTRUCTION EQUIPMENT ARE RELEASED INTO THE AREA OF WORK. CONTRACTOR MAY UTILIZE EXISTING TAIL PIPE EXHAUST FOR SOURCE CAPTURE OF FUME EXHAUST WITH THE APPROVAL FROM THE CITY. CONTRACTOR SHALL ASSUME ALL COSTS TO TEMPORARILY MODIFY SYSTEM TO EXTEND EXHAUST INLET TO GAS FIRED CONSTRUCTION EQUIPMENT AND TO RESTORE BACK TO ORIGINAL ARRANGEMENT. COORDINATE WITH THE CITY PRIOR TO PROCEEDING.
- 12. SUPPLY AIR DUCT DOWN FROM HIGH ROOF. REFER TO DRAWING M4.2 FOR CONTINUATION.
- 13. EXHAUST AIR DUCT UP TO HIGH ROOF. REFER TO DRAWING M4.2 FOR CONTINUATION.



2 EXHAUST DUCT SECTION VIEW
SCALE: NTS

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

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

PROVINCE OF MANITOBA
J. T. HORROCKS
Member
24767
REGISTERED PROFESSIONAL ENGINEER

SMS Engineering
770 Bradford Street Winnipeg, Canada (204) 775-0261
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 - VENTILATION - 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	M4.1	Sheet Order	9 OF 10

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