

1 MAIN FLOOR PLAN - HVAC
1 : 75

DRAWING NOTES:

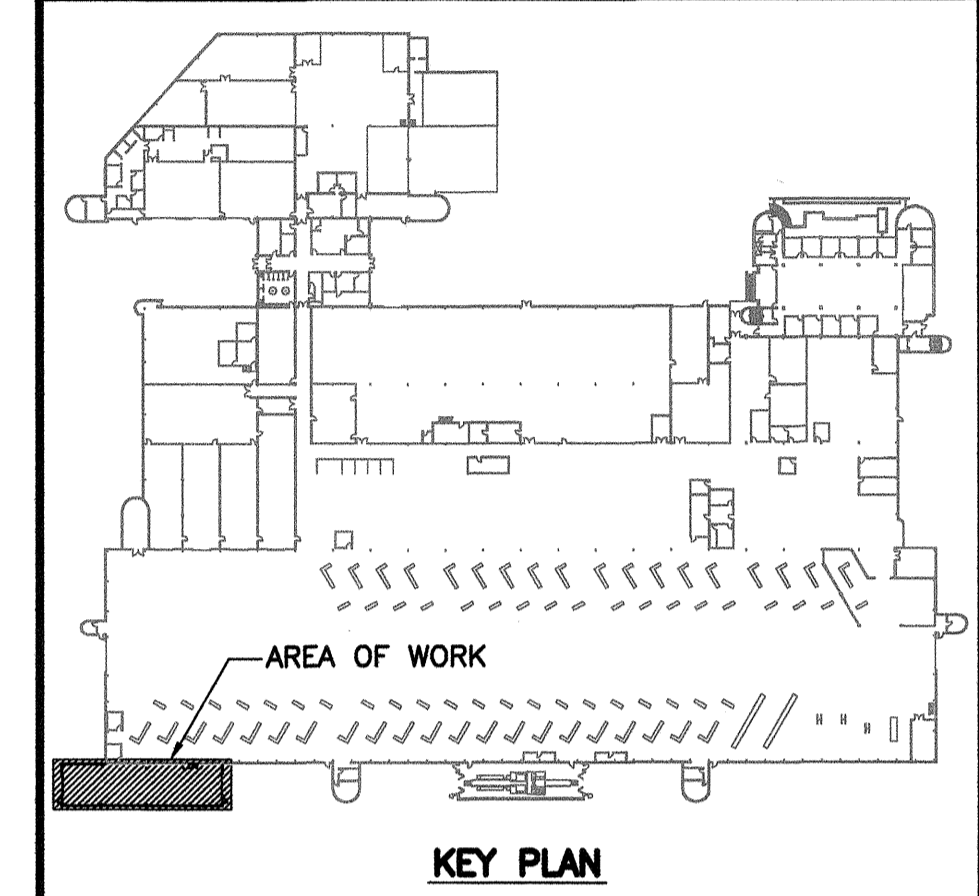
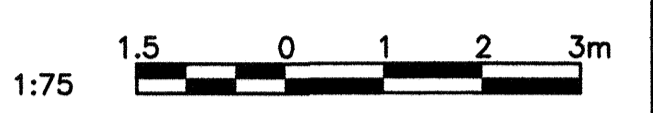
- ① 300mm BUS TAIL PIPE EXHAUST AIR DUCTWORK UP TO ROOF MOUNTED EXHAUST FAN.
- ② GAS DETECTION CONTROL PANEL. CONFIRM EXACT LOCATION WITH THE CITY.
- ③ SUPPLY AIR DUCTWORK FROM MAU-1 ON ROOF.
- ④ EXHAUST AIR DUCTWORK TO MAU-1 ON ROOF.
- ⑤ APPROXIMATE LOCATION OF EXISTING 32mm, 34.5 kPa GAS LINE.
- ⑥ PROVIDE CONNECTION ON THE EXISTING 50mm 34.5 kPa NATURAL GAS LINE. COORDINATE EXACT TIE-IN LOCATION WITH THE CITY.
- ⑦ PROVIDE PRESSURE REDUCING VALVE, VENTED TO ATMOSPHERE AS REQUIRED.
- ⑧ GAS FIRED UNIT HEATER. PROVIDE 13mm GAS CONNECTION. 100mm VENT THROUGH ROOF AS PER CSA GAS CODE AND MANUFACTURER'S INSTRUCTION.
- ⑨ 50mm GAS LINE THROUGH THE ROOF APPROXIMATELY AT THIS LOCATION.
- ⑩ THERMOSTAT 1800mm A.F.F. C/W HEAVY DUTY METAL GUARD.
- ⑪ DUCTWORK FROM 200# EXHAUST HOSES. PROVIDED BALANCER AND SUPPORT AS REQUIRED.
- ⑫ 200mm GAS FIRED UNIT HEATER COMBUSTION AIR INTAKE AT HIGH LEVEL, C/W WIND CAP.
- ⑬ NEDERMAN WELDING EXHAUST SYSTEM. REFER TO FAN SCHEDULE FOR DETAILS. CONFIRM THE EXACT LOCATION WITH THE CITY.
- ⑭ EXHAUST GRILLE AT LOW LEVEL. REFER TO SECTION DRAWING FOR DETAILS.
- ⑮ MOUNT THERMOSTAT AT 1800 A.F.F. C/W HEAVY DUTY METAL GUARD.

LEGEND:

- ⤴— PIPE RISER DOWN
- NG— NATURAL GAS LINE
- ⊘ GATE VALVE
- ⊘ PRESSURE REDUCING VALVE
- CO CARBON MONOXIDE DETECTOR C/W HEAVY DUTY METAL GUARD AT HIGH AND LOW LEVEL
- NO2 NITROGEN DIOXIDE DETECTOR C/W HEAVY DUTY METAL GUARD AT HIGH AND LOW LEVEL
- ⊕ THERMOSTAT
- ⊠ EXHAUST AIR DUCTWORK
- ⊠ SUPPLY AIR DUCTWORK
- ⊠ SUPPLY AIR DIFFUSER (SQUARE)
- ⊠ RETURN AIR WALL TYPE OUTLET
- AHU 1 EQUIPMENT TAG
- A 300# L/S 4A SUPPLY/RETURN DIFFUSER TAG

REFERENCE DRAWINGS	
NO.	DESCRIPTION

- NOTES:**
1. REFER TO DWG 1329720500-DWG-M0007 FOR MECHANICAL SCHEDULES.
 2. REFER TO DWG 1329720500-DWG-S0003 FOR MAIN FLOOR STRUCTURAL DETAILS.
 3. REFER TO DWG 1329720500-DWG-B0002 FOR MAIN FLOOR BUILDING DETAILS.



NO.	DATE	DESCRIPTION	PREPARED	REVIEW	DESIGN	AUTHORIZE
00	14.01.17	ISSUED FOR CONSTRUCTION	DD	JS	TS	

DESIGNED BY: TS	PREPARED BY: EV	REVIEWED BY: JS
AUTHORIZED BY: [Signature]	DATE: 13.11.20	SCALE: AS NOTED

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SUB-CONSULTANTS:

CLIENT: CITY OF WINNIPEG TRANSIT DEPARTMENT

TETRA TECH

PROJECT NAME: CITY OF WINNIPEG TRANSIT - FORT ROUGE GARAGE BUS MAINTENANCE ADDITION

DRAWING DESCRIPTION: MAIN FLOOR PLAN HVAC

DRAWING NO: 1329720500-DWG-M0004	REV: 00
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