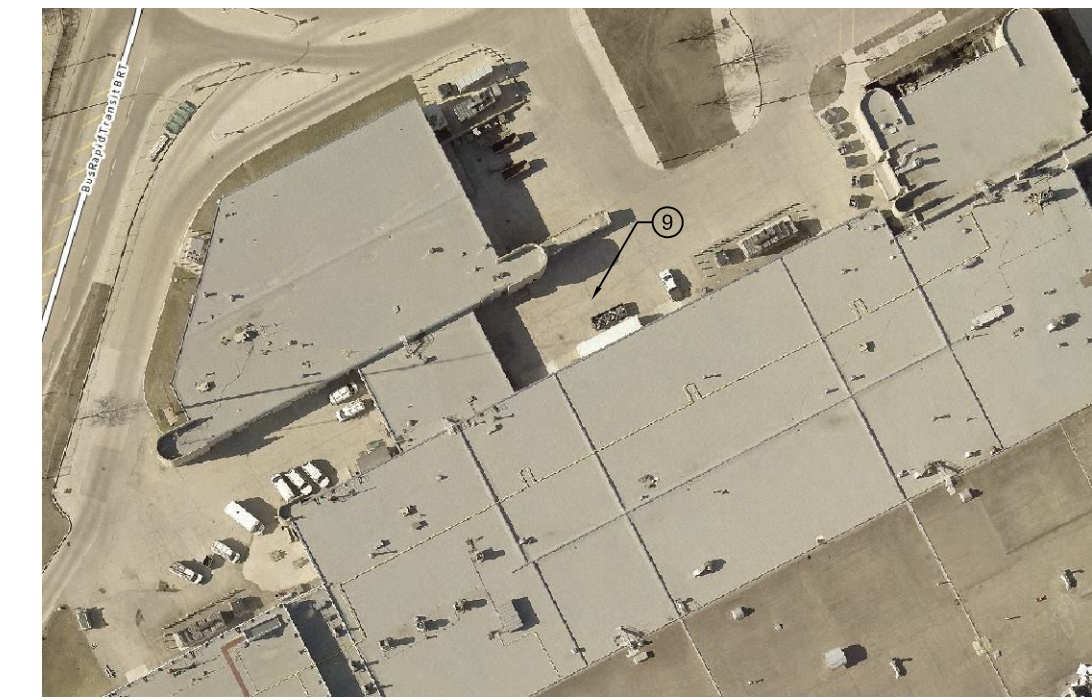


1 PARTIAL ROOF PLAN - HVAC - NEW CONSTRUCTION
SCALE: 1/16"=1'-0"
M4.2



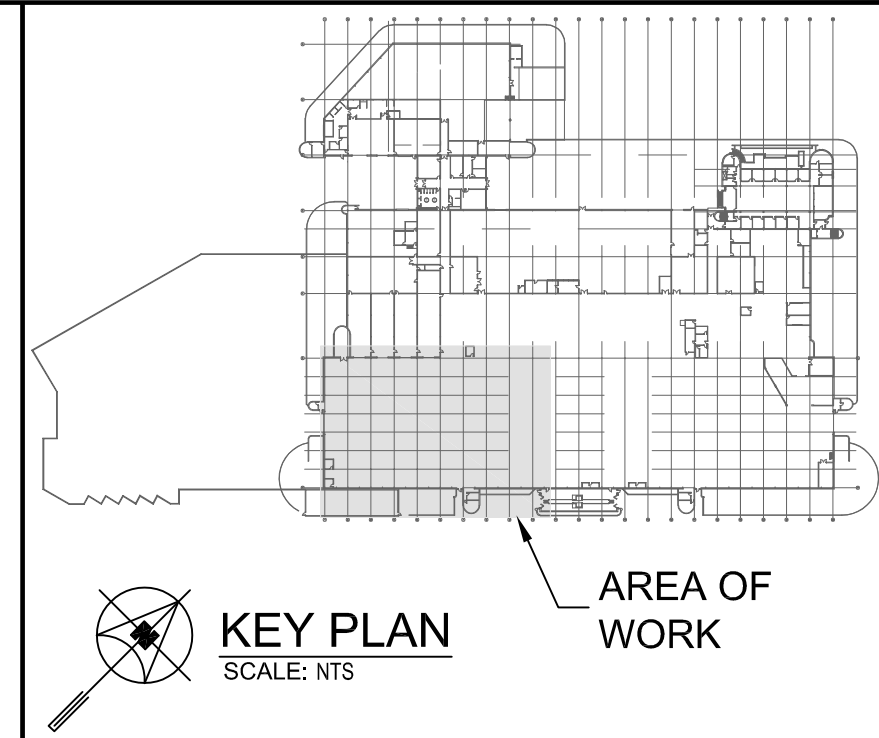
2 HRU CRANE LOCATION
SCALE: NTS
M4.2

GENERAL NOTES

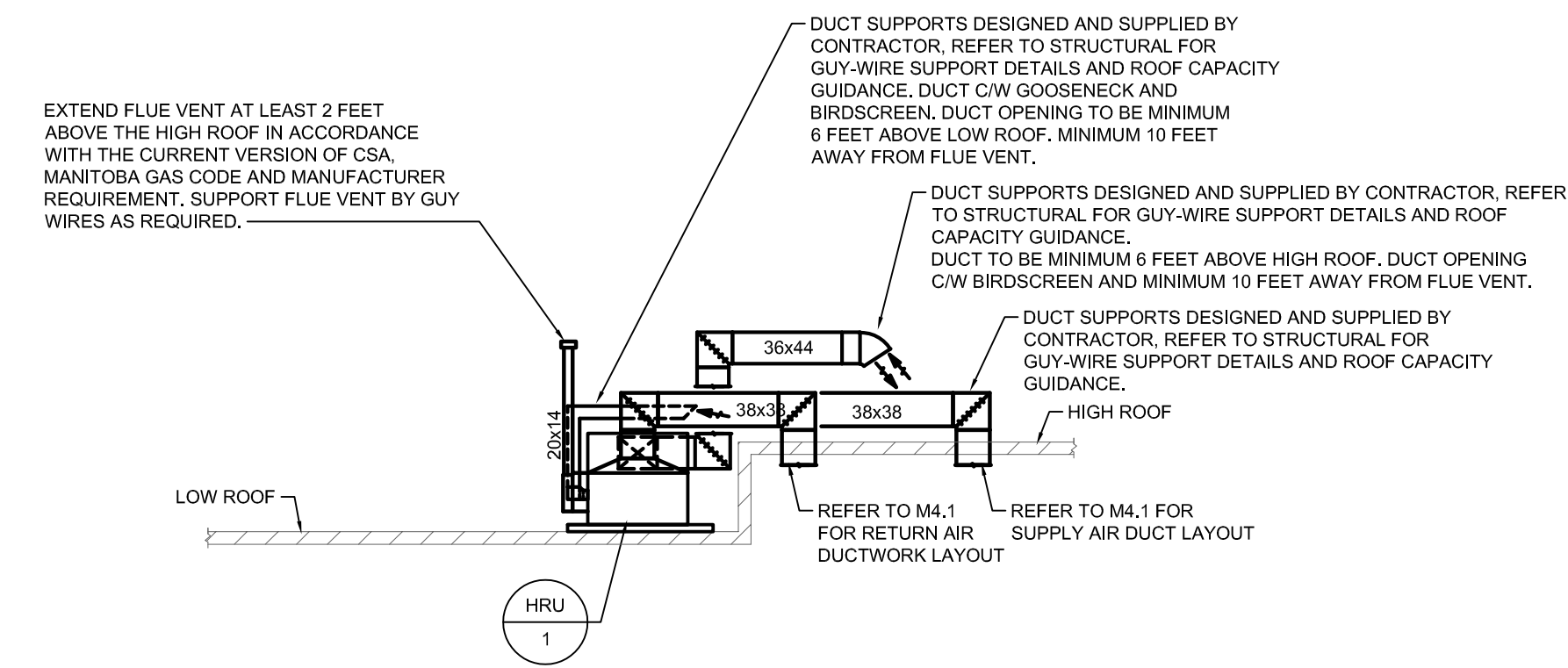
- A. THIS BUILDING MAY CONTAIN ASBESTOS. REFER TO FRONT END SPECIFICATION FOR FURTHER INFORMATION.
- B. REFER TO ROOF DETAILS AND SPECIFICATION FOR ALL NEW AND CAPPED OPENINGS.
- C. FOR DRAWING CLARITY, NOT ALL MECHANICAL EQUIPMENT, PIPING AND DUCTWORK HAS BEEN SHOWN.

KEY NOTES

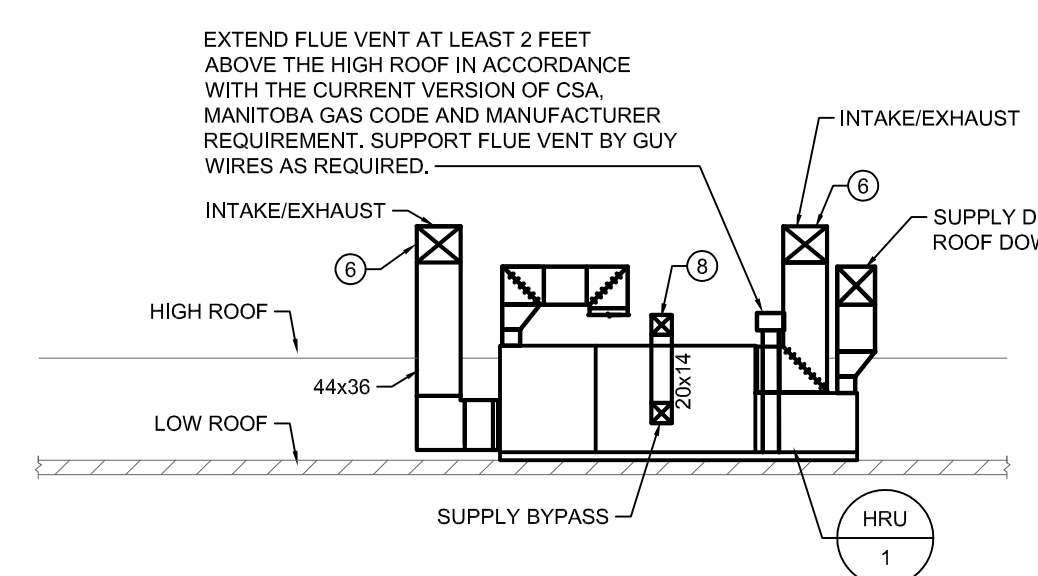
- 1. NEW HRU. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR UNIT IMMEDIATELY AFTER AWARD TO ENSURE HRU ARRIVE ON SITE AND COMPLETE INSTALLATION BY SUBSTANTIAL AND TOTAL PERFORMANCE DATES. CURRENT LEAD TIME IS APPROXIMATELY 30 WEEKS.
- 2. REFER TO DETAIL DRAWINGS ON THIS SHEET.
- 3. RELOCATE EXISTING EXHAUST OUTLET. PROVIDE WEATHER TIGHT SEAL IN ACCORDANCE WITH ROOF DETAIL AND MATCH THE CONSTRUCTION AND FINISH FROM ADJACENT AREAS. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
- 4. RELOCATE EXISTING CONDENSING UNIT TO NEW HOUSEKEEPING PAD. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
- 5. PROVIDE NEW AIR INTAKE OPENING WITH GOOSENECK C/W BIRD SCREEN. PROVIDE WEATHER TIGHT SEAL IN ACCORDANCE WITH ROOF DETAIL AND MATCH THE CONSTRUCTION AND FINISH FROM ADJACENT AREAS. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE.
- 6. PROVIDE NEW DUCT TO HRU OPENING C/W GOOSENECK AND BIRDSCREEN.
- 7. EXTEND HRU FLUE VENT ABOVE HIGH ROOF. CONTRACTOR TO COORDINATE FINAL HEIGHT ON SITE.
- 8. PROVIDE NEW DUCT TO BYPASS INTAKE C/W GOOSENECK AND BIRDSCREEN.
- 9. CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY OF HRU'S TO SITE AND ALL COSTS OF STORING THE HRU'S OFFSITE AS REQUIRED. THE NORTH SIDE OF EXISTING BUILDING MAY BE A SUITABLE LOCATION TO CRANE BUT WOULD REQUIRE FINAL REVIEW AND DISCUSSION WITH TRANSIT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS AND COORDINATE WITH THE CITY TO ACCOMPLISH CRANING PROCEDURES. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR OVERTIME WORK.
- 10. REFER TO SPECIFICATION SECTION 238010 CLAUSE 2.3.2 FOR DUCT PRESSURE CLASS CONSTRUCTION REQUIREMENTS.



KEY PLAN
SCALE: NTS
AREA OF WORK



3 HRU-1 SECTION VIEW
SCALE: NTS
M4.2



4 HRU-1 SECTION VIEW
SCALE: NTS
M4.2

4			
3			
2			
1			
0	ISSUED FOR CONSTRUCTION	JH	07/06/22
NO.	Description	BY	DDMMYY

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

J.T. HOPROCKS
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24767
June 22
PROFESSIONAL ENGINEER

SMS Engineering
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20-349-01

Winnipeg Transit

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

Drawing Title
PARTIAL ROOF PLAN - VENTILATION - NEW CONSTRUCTION

Drawn By RNS	Checked By XZ	Approved By JH
Scale 1/16"=1'-0"	Date JUNE 2022	Project No. 20-349-01
Revision Number 0	Drawing Number M4.2	Sheet Order 10 OF 10

FILE NAME AND PATH: C:\PROJECTS\2020090347_Terminal Maintenance & Repair\3D Cases_Rev\03.5_Mech\Phase 01\0204_M4.2_V_P_1.dwg
LAYOUT: M4.2
LAST SAVED BY: rns
DATE PLOTTED: Thursday, April 22, 2022 10:22:21 AM