

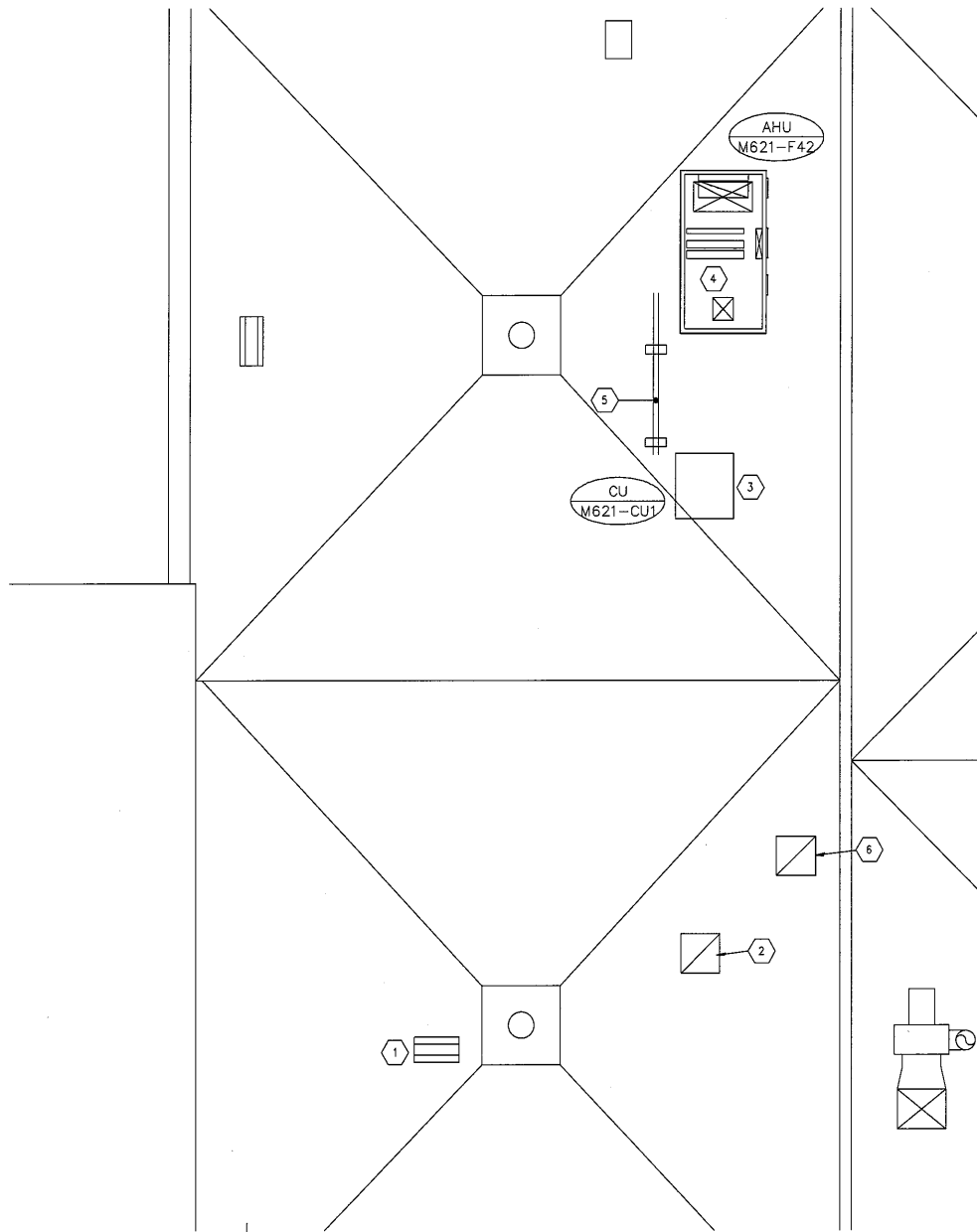
1 EXISTING VENTILATION - DEMOLITION PLAN

SCALE 1:50

KEY NOTES

- 1 EXISTING 1000x550 R/A DUCT TO EXISTING AIR HANDLING UNIT; DUCT TO REMAIN IN SERVICE UP TO VERTICAL ELBOW TO UNIT; REMOVE VERTICAL SECTION AS REQUIRED FOR NEW AIR HANDLING UNIT INSTALLATION; NOTE EXISTING ROOF TOP UNIT R/A SIZE 762x254; FIELD CONFIRM
- 2 EXISTING S/A DUCT, TO BE REMOVED. REMOVE VERTICAL DUCT TO EXISTING AIR HANDLING UNIT; NOTE DUCT REMOVAL SHALL INCLUDE AIR TERMINALS (SUPPLY DIFFUSERS), DUCT SUPPORTS, BALANCING DAMPERS AND FIRE DAMPERS WHERE REQUIRED BY NEW DUCT SIZE
- 3 EXISTING AIR HANDLING UNIT SUPPLY AIR OPENING, 343x311; ROOF OPENING WILL SUIT NEW UNIT SUPPLY AIR OPENING, 348x314.
- 4 EXISTING MAKE-UP AIR DUCT, FROM PUMP ROOM TO BE REMOVED, INCLUDING BACKDRAFT DAMPER AND SUPPLY GRILLE, DUCT SUPPORTS. WALL TO BE FILLED IN, TO MATCH EXISTING WALL FIRE RATING.
- 5 EXISTING EXHAUST DUCT, E/A GRILLES, DUCT SUPPORTS, BALANCING DAMPERS AND ALL RELATED COMPONENTS TO BE REMOVED.
- 6 EXISTING CABINET EXHAUST FAN TO BE REMOVED; DISCONNECT POWER SUPPLY
- 7 EXISTING ROOF OPENING TO BE USED FOR NEW FUME HOOD EXHAUST.
- 8 EXISTING ROOF CURB OPENING & ROOF VENT TO BE RE-USED FOR NEW RELIEF FAN
- 9 EXISTING R/A & EXHAUST DUCTWORK IN LOCKER ROOM AREA, TO REMAIN IN SERVICE, NOT SHOWN ENTIRELY, N/C
- 10 REMOVE EXISTING DUCT TO REMAIN IN SERVICE CONNECTION TO EXISTING DUCT TO BE REMOVED; REMOVE BACK TO SUIT NEW LARGER DUCT.
- 11 EXISTING DUCTWORK, AIR TERMINALS, BALANCING DAMPERS TO REMAIN IN SERVICE, WHERE NOTED, TYP. RECONNECT TO NEW DUCT MAIN.
- 12 EXISTING REHEAT COIL TO REMAIN IN SERVICE; PROVIDED WITH NEW 3-WAY TEMPERATURE CONTROL VALVE.
- 13 EXISTING REHEAT COIL TO BE REMOVED & REPLACED; ENSURE NO SPILL WILL AFFECT SPACE BELOW; DISCONNECT EXISTING HYDRONIC PIPING TO COIL.
- 14 REMOVE EXISTING G-6 GRILLES, 600x600 AT LOCATIONS SHOWN.
- 15 REMOVE ALL PNEUMATIC CONTROLS AND TUBING SERVICING REHEAT COILS, TYP.

16 CAUTION: MASTIC DUCT SEALANT CONTAINING ASBESTOS; SEE ASBESTOS ASSESSMENT APPENDIX A, SAMPLE 003 IN BIDDING OPPORTUNITY. REMOVE ASBESTOS CONTAINING MATERIALS IN ACCORDANCE WITH MANITOBA WORKPLACE SAFETY AND HEALTH REGULATIONS.

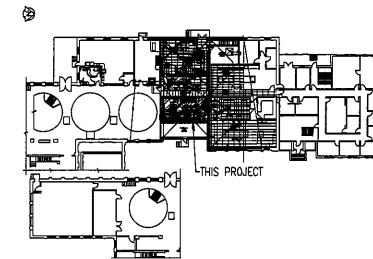


2 EXISTING ROOF HVAC EQUIPMENT - DEMOLITION PLAN

SCALE 1:50

KEY NOTES

- 1 EXISTING ROOF CURB AND GOOSENECK TO REMAIN, USED FOR NEW RELIEF/EXHAUST FAN, EF-2 DISCHARGE.
- 2 EXISTING ROOF CURBED OPENING TO BE RE-USED FOR NEW FUME HOOD EXHAUST DUCT
- 3 EXISTING AIR HANDLING UNIT CONDENSING UNIT TO BE REMOVED, INCLUDING ROOF SLEEPERS.
- 4 DISCONNECT POWER SUPPLY & REFRIGERANT PIPING; EXISTING AIR HANDLING UNIT TO BE REMOVED, INCLUDING ROOF CURB.
- 5 REMOVE EXISTING REFRIGERATION LINES BETWEEN EXISTING CONDENSING UNIT AND AIR HANDLER UNIT
- 6 EXISTING COVERED CURBED ROOF PENETRATION, TO REMAIN; VISUALLY INSPECT COVER AND ENSURE COVER IS WATER TIGHT.



KEY PLAN
SCALE NTS

GENERAL NOTES

1. PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND CITY INSPECTIONS REQUIREMENTS.
2. COORDINATE WORKS WITH OTHER SUB-TRADES. REFER TO SPECIFIC DETAILS FOR CUTTING AND SEALING PENETRATIONS THROUGH OPENINGS & FIRE SEPARATIONS.
3. REFER TO TECHNICAL SPECIFICATIONS FOR EQUIPMENT AND MATERIAL SPECIFICATIONS AND INSTALLATION AND CONSTRUCTION REQUIREMENTS.
4. INSULATE PLUMBING PIPES AND DUCTWORK WHERE INDICATED AND AS SPECIFIED.
5. SUPPORT ALL PLUMBING LINES AND DUCTWORK TO MEET CODE REQUIREMENTS & ESTABLISHED INDUSTRY TRADE PRACTICES, (SMACNA, ASHRAE).
6. INVESTIGATE SITE PRIOR TO CONSTRUCTION TO CONFIRM ALL DIMENSIONS AND INSTALLATION REQ'S.
7. PERFORM ALL CUTTING & PATCHING NECESSARY FOR ANY REQUIRED OPENINGS THRU WALLS, ROOF AND FLOOR.
8. PROVIDE TAB TO ENSURE AIR DISTRIBUTION TO VOLUMES INDICATED.
9. NOT ALL EQUIPMENT/PIPING, ETC. IS SHOWN.
10. PROVIDE FIRE STOPS AT ALL FIRE RATED WALLS/FLOOR OPENINGS TO MATCH EXISTING RATING

NOTE

THE CITY OF WINNIPEG PERSONNEL REQUIRES THE USE OF EXISTING SHOWER ROOM (110B) AND EXISTING CLEAN LOCKER ROOM (110C) AT THE BEGINNING AND END OF EACH WORK DAY FOR CITY PERSONNEL TO SHOWER AND CHANGE. WORK IN ROOMS 110B, 110C, 110D IS RESTRICTED TO BETWEEN 8:00 AND 15:30 HOURS TO ACCOMMODATE CITY USE OF THE FACILITY. CLEANUP WASTE AND DEBRIS AT THE END OF EACH WORK DAY AND LEAVE THE ROOMS CLEAN AND IN WORKING ORDER. ALTERNATING WORK IN ROOMS 110B, 110C, 110D CAN BE PERFORMED IN THE EVENING OR WEEKEND.

ALLIANCE
Engineering Services Inc.

<p>Certificate of Authorization Alliance Engineering Services Inc. No.2906 Date: _____</p>	B.M. ELEV.	FIELD BOOK #:	<p>LM Architectural Group 500-136 Market Ave Winnipeg Manitoba Canada R3B 0P4 t: (204) 942-0681 f: (204) 943-8676 www.lm-architects.com</p>	DESIGNED BY	CHECKED BY		<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>NORTH END WATER POLLUTION CONTROL CENTRE - LAB RENOVATIONS</p>	<p>SHEET 1 OF 1</p> <p>CITY DRAWING NUMBER 1-0101M-H0002-001-01</p>
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				HOR. SCALE	RELEASED FOR CONSTRUCTION		<p>EXISTING VENTILATION - DEMOLITION PLANS</p>	
				VERTICAL		CONSULTANT DRAWING NO. M1.2		
				NO. REVISIONS	DATE BY	DATE		