

- MECHANICAL KEY NOTES:**
- ① REPLACE EXISTING FURNACES WITH NEW FU-1, FU-2 AND FU-3 AS PER FURNACE SCHEDULE.
 - ② REPLACE EXISTING EVAPORATOR COIL ON FU-1 AS PER SCHEDULE.
 - ③ DEMOLISH HIGHLIGHTED RETURN AIR DUCT TO THE FLEXIBLE CONNECTION.
 - ④ DEMOLISH HIGHLIGHTED SUPPLY AIR DUCT AND THE FLEXIBLE CONNECTION.
 - ⑤ DEMOLISH HIGHLIGHTED FLEXIBLE DUCT/DIAPHRAGM CONNECTION IMMEDIATELY ABOVE THE FURNACE.
 - ⑥ DEMOLISH HIGHLIGHTED FLEXIBLE DUCT/DIAPHRAGM CONNECTION IMMEDIATELY ABOVE THE EVAPORATOR COIL.
 - ⑦ DEMOLISH EXISTING GALVANIZED FLUE PIPE CONNECTED TO FURNACE.
 - ⑧ DEMOLISH EXISTING COMMON GALVANIZED FLUE PIPE TO AND THROUGH CHIMNEY CHASE.



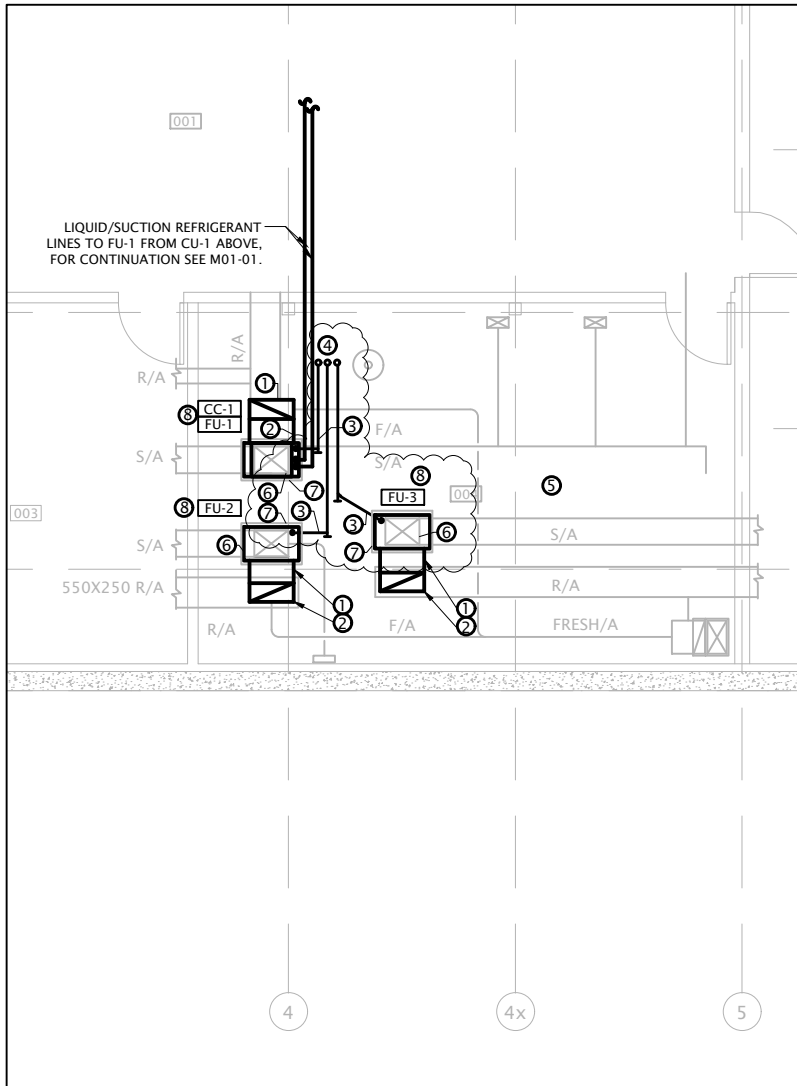
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ARCHITECTS ENGINEERS PLANNERS
 An Ingenium Group Company

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Project BASHAW / RCMP DETACHMENT RENOVATIONS	Date 2016-12-22	Project No. NCCA-160094
Drawing Title BASEMENT MECHANICAL LAYOUT	Scale N.T.S.	Ref. Drawing M00-01
	Drawn N.ALY	Sketch No. MSK-01



- MECHANICAL KEY NOTES:**
- ① NEW 584x406mm HORIZONTAL RETURN AIR DUCT FROM FURNACE.
 - ② NEW 584x250mm VERTICAL RETURN AIR DUCT TO BE CONNECTED TO EXISTING FLEXIBLE CONNECTION.
 - ③ 75mm PVC VENTING PIPE TYPICAL FOR THREE FURNACES.
 - ④ INSTALL 3@75mm NEW PVC FLUE PIPE THROUGH EXISTING CHIMNEY CHASE; CONTRACTOR TO VERIFY CHIMNEY SIZE ON SITE AND REFER TO MANUFACTURER INSTALLATION AND MAINTENANCE FOR EQUIPMENT AND FLUE INSTALLATION.
 - ⑤ REPLACE EXISTING THERMOSTAT WITH NEW SPECIFIED THERMOSTAT AS PER SCHEDULE; CONTRACTOR TO VERIFY LOCATION ON SITE.
 - ⑥ EXTEND DUCT WORK IMMEDIATELY ABOVE THE NEW FURNACE; C/W FIXABLE DUCT/DIAPHRAGM TO CONNECT TO THE OPENING NICK.
 - ⑦ HOUSEKEEPING PAD DIMENSIONS: 800mmLx 550mmWx87.5mmH
 - ⑧ FUR-1 WITH EVAPORATOR COIL ON THE TOP TOTAL ROUGH DIMENSION: 62"
FUR-2,3 ROUGH HEIGHT: 33"

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Sketch No.
MSK-02