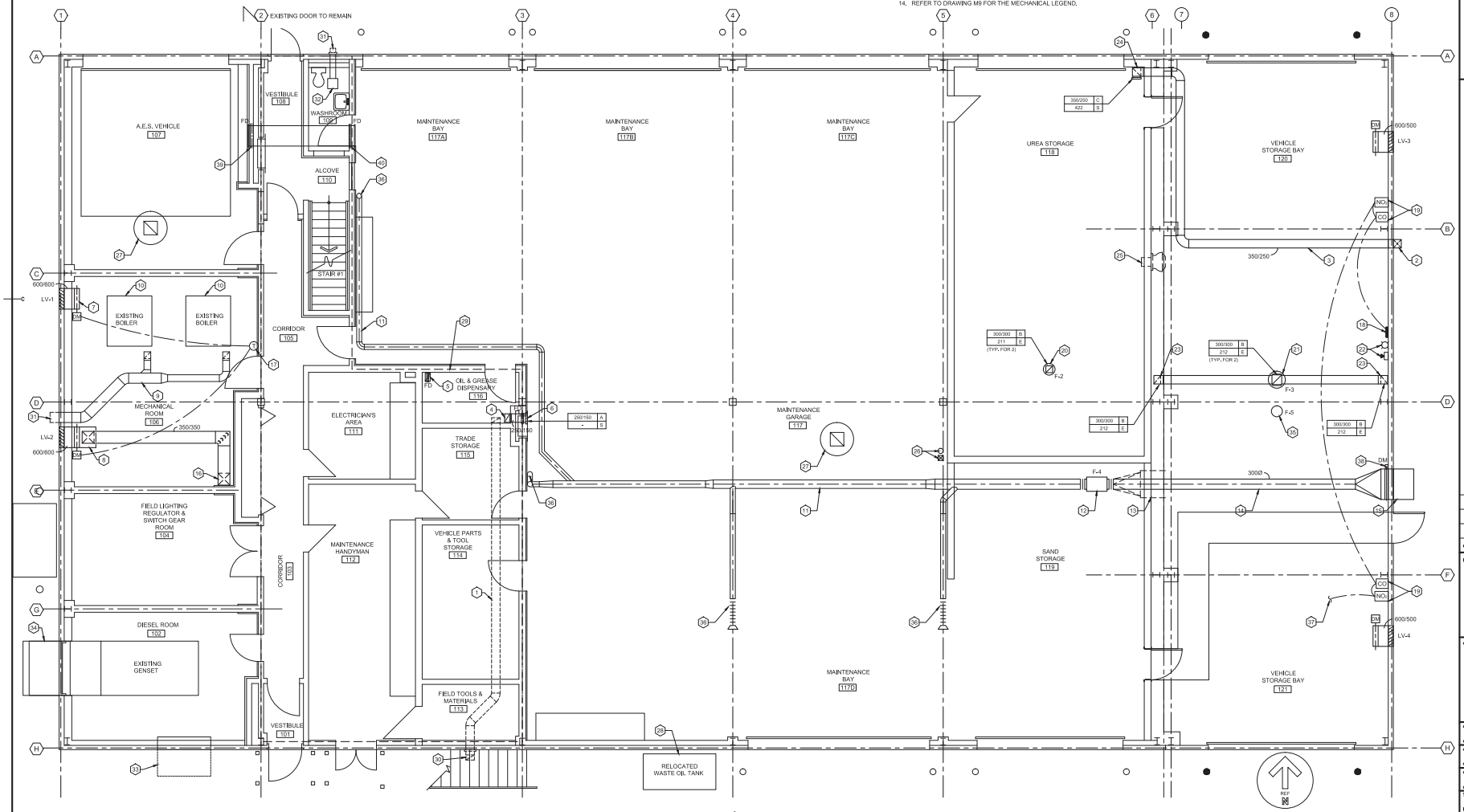
DRAWING NOTES:

1. EXISTING FRESH AIR DUCTWORK TO BE REMOVED.
2. 350/250 INTAKE HOOD TO SERVE UREA STORAGE ROOM. SEE DETAIL 3/M8.
3. COORDINATE INSTALLATION OF INTAKE DUCT WITH NEW STEEL.
4. 250/150 LOW INTAKE SUPPLY DUCT TO DROP DOWN TO 150m A.F.F. DUCT TO BE OPEN ENDED.
5. EXISTING EXHAUST DUCT UP TO SECOND FLOOR. PROVIDE AND INSTALL FIRE DAMPER AT FLOOR PENETRATION.
6. 250/150 INTAKE GRILLE TO SERVE LUBRICATION STORAGE ROOM. GRILLE EQUAL TO E.H. PRICE 520 SERIES.
7. EXHAUST LOUVER LV-1 TO BE MOUNTED AS HIGH AS POSSIBLE COMPLETE WITH DAMPER MOTOR. DAMPER TO BE CONNECTED TO A REVERSE ACTING THERMOSTAT.
8. INTAKE LOUVER LV-2 MOUNTED AS HIGH AS POSSIBLE COMPLETE WITH DAMPER MOTOR. DAMPER TO BE CONNECT TO A REVERSE ACTING THERMOSTAT.
9. EXISTING COMBUSTION AIR DUCTWORK TO REMAIN.
10. EXISTING HEATING BOILERS.
11. EXISTING VEHICLE EXHAUST DUCTWORK TO REMAIN.
12. EXISTING VEHICLE EXHAUST FAN F-4.
13. EXHAUST VEHICLE EXHAUT HOOD TO BE REMOVED.
14. COORDINATE INSTALLATION OF NEW VEHICLE EXHAUST DUCT WITH NEW STEEL.
15. NEW 900/600 VEHICLE EXHAUST HOOD. SEE DETAIL 3/M8.
16. 350/350 FRESH AIR DUCT TO DROP DOWN ON WALL AND TERMINATE 300 A.F.F.
17. LINE VOLTAGE REVERSE ACTING THERMOSTAT.
18. GAS DETECTION CONTROLLER. CONNECT TO SENSORS IN LEVEL 2 MULTI-PURPOSE ROOM.
19. NO2 SENSORS TO BE MOUNTED 1.0M BELOW FINISHED CEILING. CO SENSORS TO BE MOUNTED 1.0M ABOVE FINISHED FLOOR.
20. 300/300 DUCT UP TO ROOF EXHAUST FAN F-2. REFER TO DETAIL 08/M8.
21. 400/400 DUCT UP TO ROOF EXHAUST FAN F-3. REFER TO DETAIL 08/M8.
22. COMBINATION HORN AND STROBE.
23. LOW EXHAUST FOR GAS DETECTION. SEE DETAIL 07/M8.
24. LOW INTAKE FOR UREA STORAGE AREA. SEE DETAIL 07/M8.
25. EXISTING EXHAUST FAN, DUCTWORK AND ANY ASSOCIATED CONTROLS TO BE REMOVED.
26. EXISTING CARBON MONOXIDE REMOTE AND MASTER SENSOR RELOCATED TO ALLOW FOR INSTALLATION OF NEW STRUCTURAL WALL.
27. EXISTING ROOF EXHAUST FAN TO REMAIN.
28. RELOCATED WASTE OIL TANK AND BOLLARDS. REFER TO DRAWING M11 FOR MORE INFORMATION.
29. ALL EXISTING/ NEW DUCTWORK PENETRATIONS THROUGH LEVEL 2 FLOOR FIRE SEPARATION SHALL BE COMPLETE WITH FIRE DAMPER.
30. EXISTING GRILLE AND DUCTWORK IN CANOPY TO BE REMOVED.
31. EXISTING HOOD TO BE REMOVED AND RE-INSTALLED.
32. EXISTING EXHAUST FAN AND DUCTWORK TO REMAIN.
33. FRESH AIR INTAKE HOOD TO BE REMOVED AND RE-INSTALLED.
34. EXHAUST AIR HOOD TO REMAIN.
35. DESTRATIFICATION FAN. SEE SCHEDULE FOR DESCRIPTION.
36. PROVIDE AND INSTALL NEW VEHICLE EXHAUST HOSE, C/W ADAPTOR. SEE SPEC FOR DESCRIPTION. EXTEND AND PROVIDE NEW DUCTWORK AS REQUIRED.
37. LOW VOLTAGE WIRING BY DIVISION 23.
38. PROVIDE AND SUPPLY NEW MOTORIZED DAMPER.
39. EXISTING FIRE DAMPER TO REMAIN. INTERLOCK TO OPEN UPON ENERGIZING OF EXHAUST FAN F-4.
40. NEW FIRE DAMPER INSTALLED IN EXISTING DUCT.

CONSTRUCTION NOTES:

1. THESE DRAWINGS REASONABLY REPRESENT EXISTING CONDITIONS. ACTUAL CONDITIONS MAY DEVIATE FROM THAT SHOWN/IDENTIFIED ON THE DRAWINGS. THE CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS, CHECK ALL DIMENSIONS, AND VERIFY MATERIALS REQUIRED TO COMPLETE THIS WORK. CONTRACTOR SHALL INFORM THE ENGINEER/PROJECT MANAGER OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
2. REMOVE FROM SITE DEMOLISHED MATERIALS, DEBRIS, AND RUBBISH. DISPOSE DEMOLISHED MATERIALS AS PER THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
3. COMPLETE ALL WORK IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (LATEST EDITION).
4. THIS DEMOLITION PLAN IS MEANT TO BE A CONVENIENCE TO THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION NECESSARY FOR THE INSTALLATION OF THE NEW WORK WHETHER SHOWN HERE OR NOT.
5. BUILDING IS TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. CONTRACTOR TO MAINTAIN OPERATIONAL, SECURITY AND WEATHER TIGHT.
6. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY REMOVAL/RELOCATION OF MECHANICAL SYSTEMS WHICH INTERFERE WITH COMPLETING THE REPAIR WORK INDICATED ON THE DRAWINGS. MECHANICAL SYSTEMS TO BE REINSTATED ONCE REPAIR WORK IS COMPLETE. ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, BY LICENSED TRADES PEOPLE.
7. ALL ITEMS WILL BE COORDINATED WITH STRUCTURAL, ARCHITECTURAL, ELECTRICAL AND CIVIL DURING CONSTRUCTION STAGE.
8. THE MECHANICAL CONTRACTOR IS TO COORDINATE WITH ARCHITECTURAL DRAWINGS TO ASCERTAIN WHAT EXTERIOR EQUIPMENT AND DEVICES ARE TO BE TEMPORARILY REMOVED TO ACCOMMODATE THE REMOVAL OF EXTERIOR SIDING AND ROOF COVERING. INCLUDE IN TENDER THE COST FOR REMOVAL AND REINSTALLATION FOR SUCH EQUIPMENT AND DEVICES.
9. ALL BUILDING MECHANICAL SYSTEMS TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION.
10. ALL ITEMS TO BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND CIVIL DRAWINGS AND SPECIFICATIONS BY CONTRACTOR.
11. ANY MECHANICAL EQUIPMENT ON ROOF STRUCTURE SUCH AS BUT NOT LIMITED TO EXHAUST FANS, HOODS, PLUMBING/HEATING /WASTE OIL VENTS, CHIMNEY SHALL BE REMOVED AND REINSTALLED AND MADE WATER TIGHT, FOR ALL SUCH EQUIPMENT LOCATION REFER TO ARCHITECTURAL ROOF PLAN.
12. CONTRACTOR TO REFER TO SPEC SECTION "01 35 13.13 SPECIAL PROCEDURES FOR AIRPORT FACILITIES" FOR OPERATIONAL REQUIREMENTS.
13. CONTRACTOR TO COORDINATED ALL DUCTWORK BOTH NEW AND EXISTING PENETRATING FIRE RATED WALLS. CONTRACTOR TO PROVIDE FIRE DAMPERS WHERE REQUIRED.
14. REFER TO DRAWING M9 FOR THE MECHANICAL LEGEND.



NEW MECHANICAL VENTILATION AND CONTROLS PLAN - LEVEL 1

01 / M6

SCALE: 1:50

0m 1m 2m 3m 4m 5m

0 10 20mm 40 60 80 100 120 140 160 180 200mm

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

PROVINCE OF NEWFOUNDLAND AND LABRADOR
pegnl
ENGINEERING PERMIT N0458
SNC-LAVALIN INC.
Signature or Member Number (Member-in-Responsible Charge)

PEGL
D.R.M. MORRIS
Aug. 29, 2019
DATE

revisions		date
C03	ISSUED FOR TENDER	08/30 2019
C02	RE-ISSUED FOR TENDER	02/14 2019
C01	ISSUED FOR TENDER	09/28 2018

project / projet

MAINTENANCE GARAGE REHABILITATION
ST. ANTHONY AIRPORT

drawing / dessin

NEW MECHANICAL VENTILATION AND CONTROL PLAN LEVEL 1

designed	D.M.	conçu
date	2016.11.22	
drawn	D.B.	dessiné
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approved	K.S.	approuvé
date	2016.11.22	
Tender	Temple, Andrew	Soumission
PWGSC Project Manager		Administrateur de projets TPSGC

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