



0	ISSUED FOR ADDENDUM	01/20 2021
revisions		date
project		projet

**AAFC RESEARCH AND  
DEVELOPMENT CENTRE  
OUTBUILDINGS RENOVATIONS**

**ST. JOHN'S, NL**

drawing

dessin

**BUILDING 11  
FIRST FLOOR AND ATTIC  
PLAN  
MODIFICATIONS  
VENTILATION**

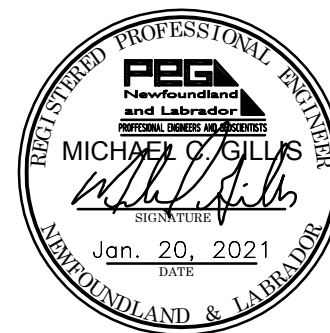
designed	S.S.	conçu
date	JAN. 2021	
drawn	J.V.	dessiné
date	JAN. 2021	
approved	S.S.	approuvé
date	JAN. 2021	

Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet
	<b>R.106530.003</b>
drawing no.	no. du dessin
	<b>SKM-1</b>

DRAWING NOTES - NEW WORK:

1

75mmØ FRPP  
POLYPROPYLENE SCHEDULE  
80 PIPING TO CONNECT TO  
FUME HOOD CHEMICAL  
STORAGE UNDER HOOD.  
CONNECT TO EXISTING VENT  
LINE INTEGRAL TO FUME  
HOOD. CAP REMAINING PIPE.  
PIPING TO BE TO ASTM D4104  
C/W ELECTROFUSION  
FITTING. FAN TO RUN  
CONTINUOUSLY. CONTROLS  
TO PROVIDE START/STOP  
AND STATUS.



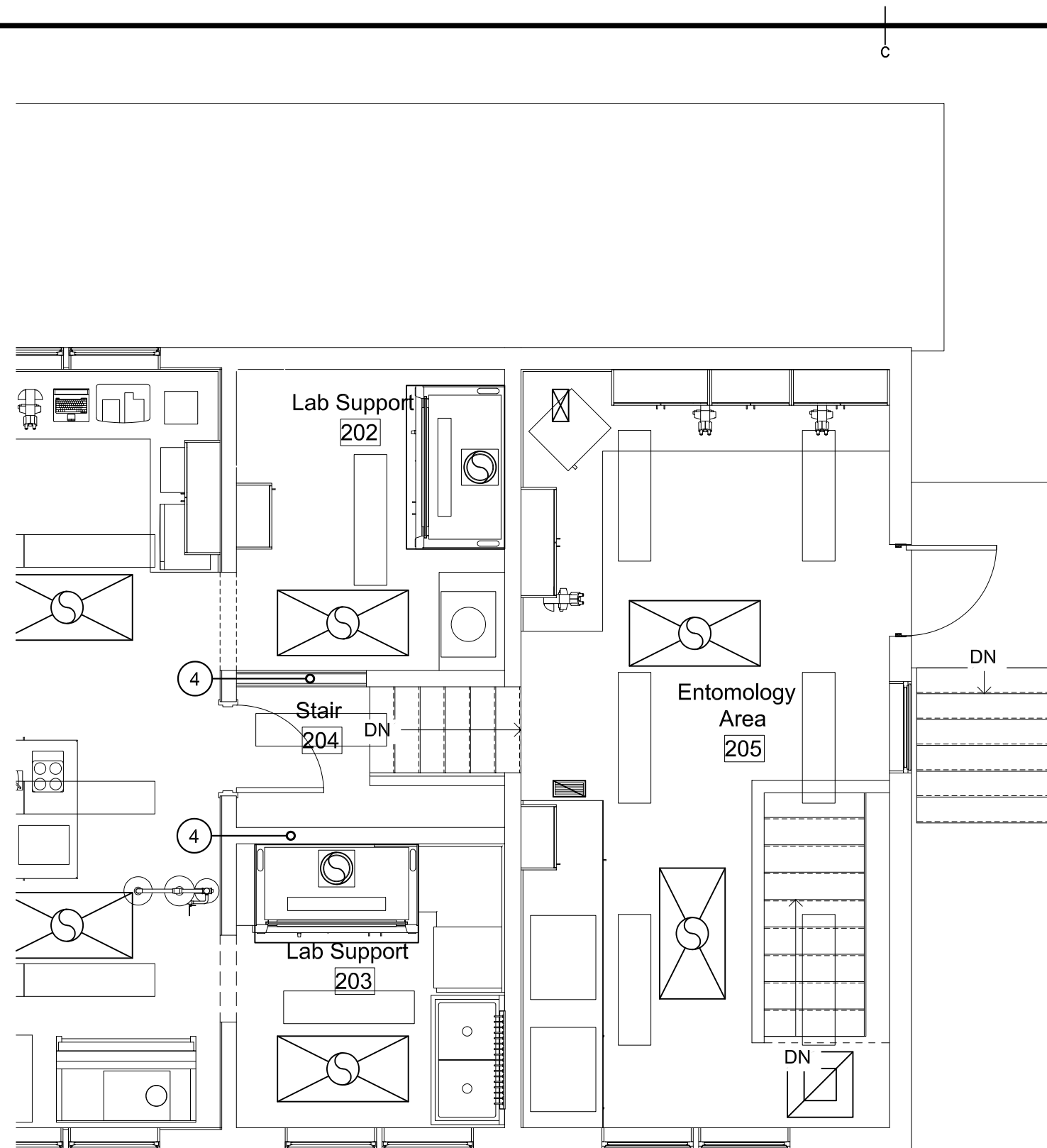
PROVINCE OF NEWFOUNDLAND AND LABRADOR



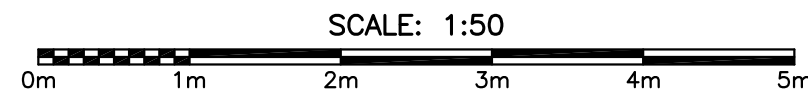
PERMIT HOLDER  
This Permit Allows

MCW CONSULTANTS LTD.

To practice Professional Engineering  
in Newfoundland and Labrador.  
Permit No. as issued by PEG **P0314**  
which is valid for the year **2021**



BUILDING 11 – PARTIAL FIRST FLOOR – VENTILATION MODIFICATIONS



1

SKM-1



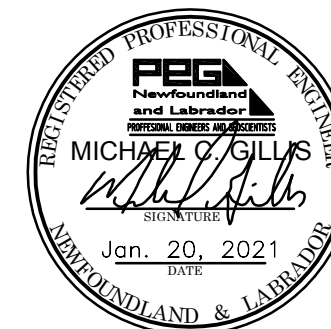
**GENERAL NOTES:**

1. ALL DUCTWORK WITHIN ATTIC SPACE TO BE INSULATED.

**DRAWING NOTES - NEW WORK:**

- 1 NEW CHEMICAL STORAGE FAN TO BE SUPPLIED AND INSTALLED BY VENTILATION CONTRACTOR. FOR INSTALLATION DETAILS, REFER TO

6  
M-5



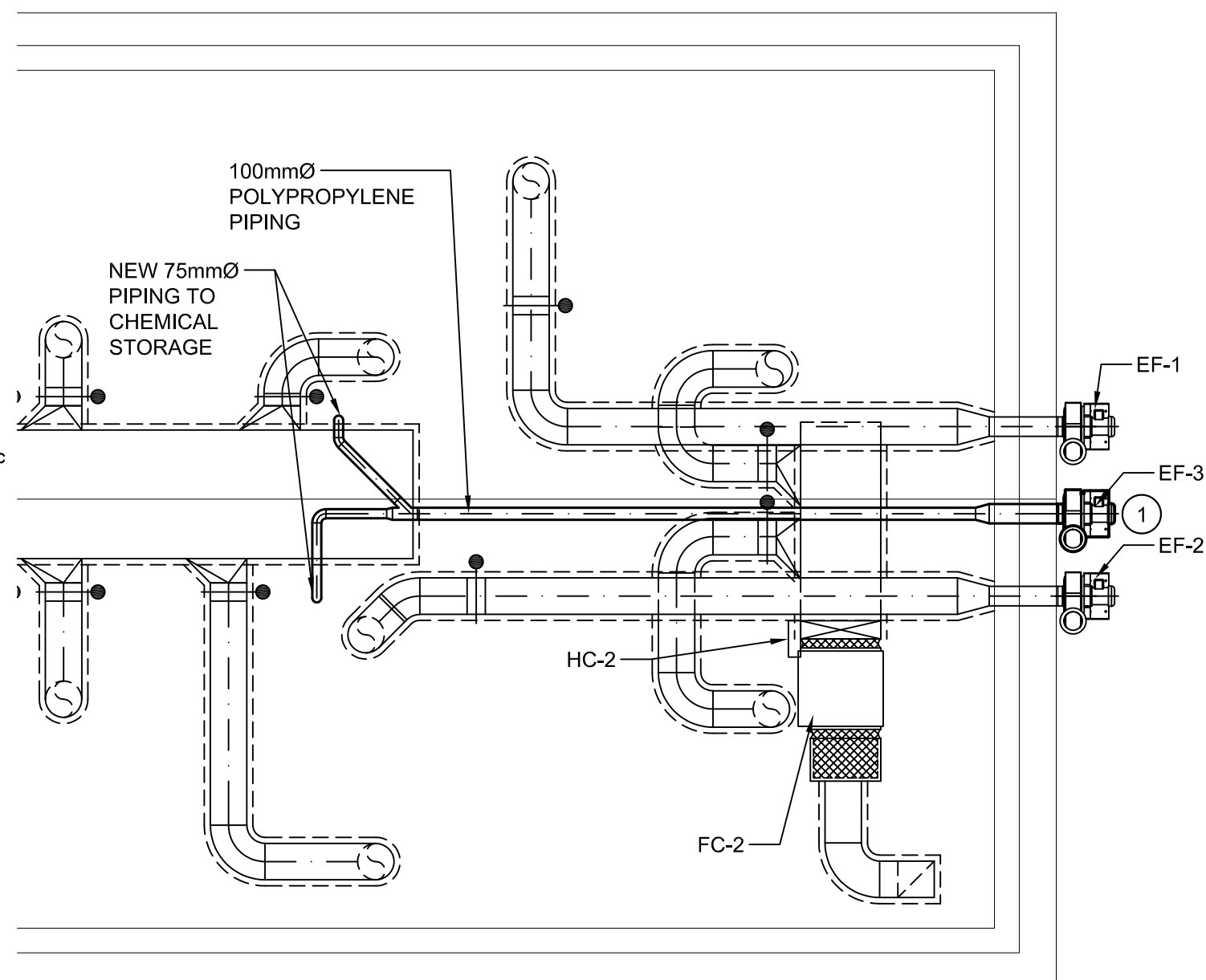
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**BUILDING 11 – PARTIAL ATTIC PLAN – VENTILATION MODIFICATIONS**

SCALE: 1:50

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

1  
SKM-2

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Tender Soumission

PWGSC Project Manager Administrateur de projets TPSGC

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**SKM-2**



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**AAFC RESEARCH AND  
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drawing  
dessin

**BUILDING 11  
FAN SCHEDULE**

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approved	S.S.	approuvé
date	JAN. 2021	

Tender  
Soumission

PWGSC Project Manager  
Administrateur de projets TPSGC

project number  
no. du projet

**R.106530.003**

drawing no.  
no. du dessin

**SKM-3**

**FAN SCHEDULE**

TAG	DESC.	TYPE	AIRFLOW (L/S)	PRESS. (PA)	ELECTRICAL					DISCONNECT		STARTER			CONTROL	
					V	PH.	kW	PANEL	WIRE SIZE	TYPE	DISCON. BY	SUPP. BY	INST. BY	TYPE	MANUAL OR AUTO	INTER. BY
EF-3	CHEMICAL STORAGE	PLASTIC FAN UNIT	94	750	120	1	0.746	A	2C#12 RW90 + BOND IN 21mmC	MAN	E	E	E	-	-	-

NOTES:

- INTERLOCK WITH OUTDOOR AIR DAMPERS.
- TO BE C/W 0-10V SPEED CONTROLLER FOR CONTROL.





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**FAN SCHEDULE**

