



APEGA PERMIT TO PRACTICE NO.  
11944  
06/03/2020

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Revision	Description	Date
5	ISSUED FOR CONSTRUCTION 2	2020/03/06
4	ISSUED FOR CONSTRUCTION	2019/10/29
3	ISSUED FOR 90% REVIEW	2019/08/29
2	ISSUED FOR 60% REVIEW	2019/05/09
1	ISSUED FOR 30% REVIEW	2019/03/14

Client: **PSPC**

10025 JASPER AVE  
EDMONTON, ALBERTA, T5J 1S6  
PH. 780-919-9445

Project Title: **JASPER STAFF HOUSING CONSTRUCTION**

5 PLEX  
**902 PATRICIA STREET  
JASPER, AB, T0E 1E0**

Designed by: **H. HUANG**

Drawn by: **D. GREGOIRE**

Approved by: **M. ABUALQUMSSAN**

Project Manager: **ROB HAFFER**

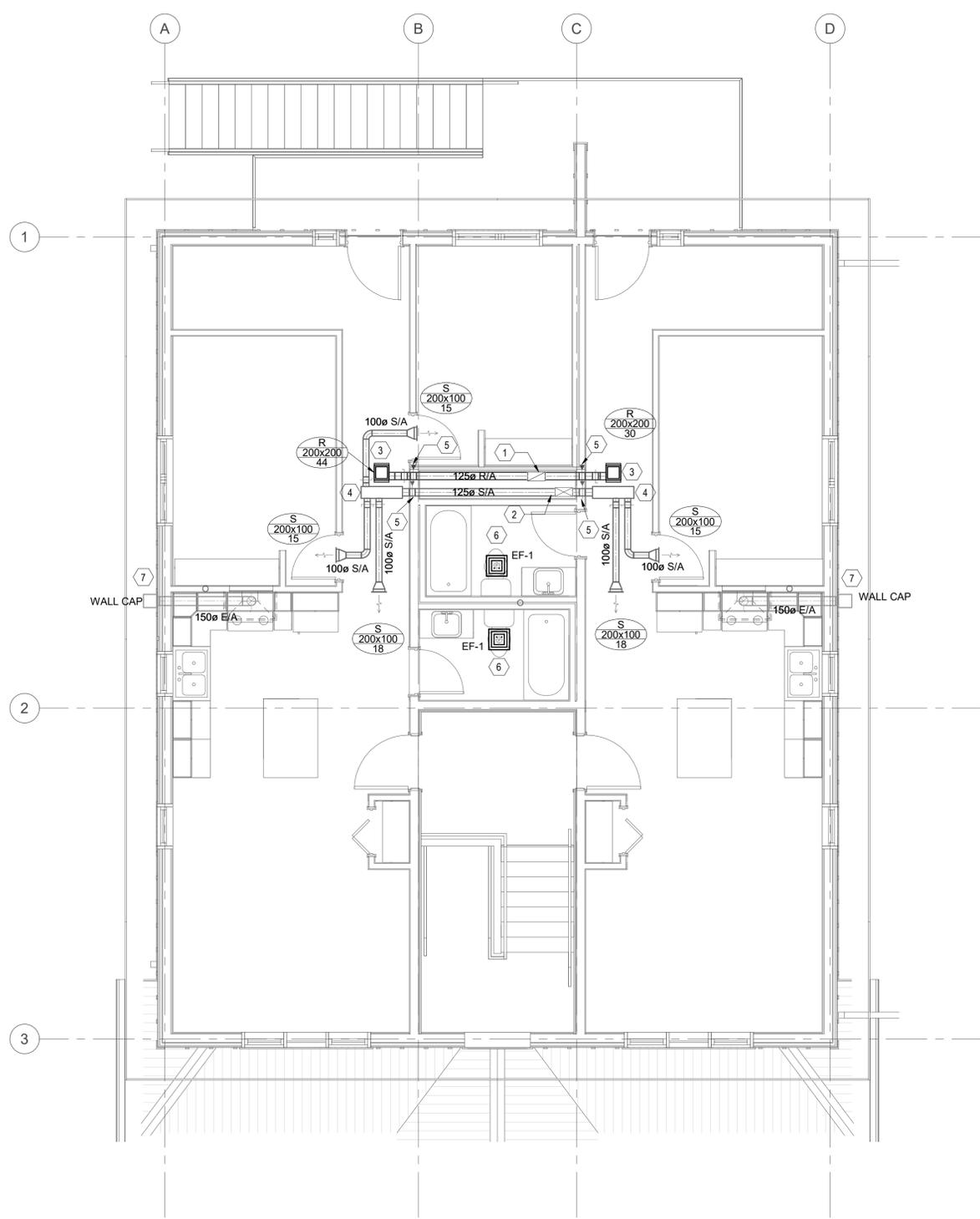
Drawing Title: **SECOND FLOOR VENTILATION PLAN**

Project no./no. du projet: **R.100429.001**

Drawing no./no. du dessin: **M3.2**

Revision no.: **5**

OF



**1**  
**M3.2** SECOND LEVEL VENTILATION PLAN  
SCALE: 1 : 50

**HVAC GENERAL NOTES:**

- SUPPLY AND INSTALL ALL FIRE STOPPING MATERIAL AND ENSURE THAT ALL FIRE PENETRATIONS ARE PROTECTED AS REQUIRED BY THE NATIONAL BUILDING CODE AND THE LOCAL AUTHORITIES.
- ALL WASHROOM FANS ARE TO BE LOCATED IN THE CEILING. COORDINATE EXACT LOCATION OF ALL FANS AND ASSOCIATED DUCTWORK ON SITE.
- ALLOW FOR WALL CAPS AT ALL DUCTWORK ON EXTERIOR WALLS AS REQUIRED.
- AIR BALANCING DAMPERS TO BE PROVIDED FOR ALL BRANCH DUCTWORK FEEDING INDIVIDUAL AIR TERMINALS.
- ENSURE ALL DUCTWORK EXTENDING TO EXTERIOR OF BUILDING IS INSULATED.
- INSTALL 100mm THICK HOUSEKEEPING PAD UNDER ALL MECHANICAL EQUIPMENT IN MECHANICAL ROOM, COORDINATE WITH GENERAL CONTRACTOR.
- INSTALL ALL WALL CAPS, EXHAUST OR INTAKE LOUVERS AT THE EXTERIOR WALLS 450mm ABOVE THE FLOOR LEVEL.
- PROVIDE DAMPERS ON AIR INTAKES AND EXHAUSTS TO NATIONAL ENERGY CODE REQUIREMENTS.

**KEYNOTES:**

- 300x150 RETURN AIR DUCT WITH 25MM THICKNESS ACOUSTIC INSULATION FROM BELOW.
- 300x150 SUPPLY AIR DUCT WITH 25MM THICKNESS ACOUSTIC INSULATION FROM BELOW.
- 250x150 RETURN AIR DUCT WITH 25MM THICKNESS ACOUSTIC.
- 250x150 SUPPLY AIR DUCT WITH 25MM THICKNESS ACOUSTIC.
- 125Ø FIRE DAMPER. COORDINATE EXACT LOCATION OF ACCESS DOOR ON SITE.
- EF-1 TO BE VENTED DIRECTLY OUT THROUGH THE ROOF C/W BACKDRAFT DAMPER.
- 150Ø KITCHEN EXHAUST DUCTWORK UP THROUGH WALL WITH RAIN CAP AND BACKDRAFT DAMPER. EXTERNALLY INSULATE KITCHEN EXHAUST.

