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NORR

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Revision	Description	Date
4	ISSUED FOR CONSTRUCTION	2020/03/06
3	ISSUED FOR 90% REVIEW	2019/08/29
2	ISSUED FOR 66% REVIEW	2019/05/09
1	ISSUED FOR 33% REVIEW	2019/03/14

Revision Description Date
Client client

PSPC

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

Project Title: JASPER STAFF HOUSING CONSTRUCTION

DUPLEX

720 PATRICIA STREET,
JASPER, AB, T0E 1E0

Designed by H. HUANG / Conçu par H. HUANG

Drawn by D. GREGOIRE / Dessiné par D. GREGOIRE

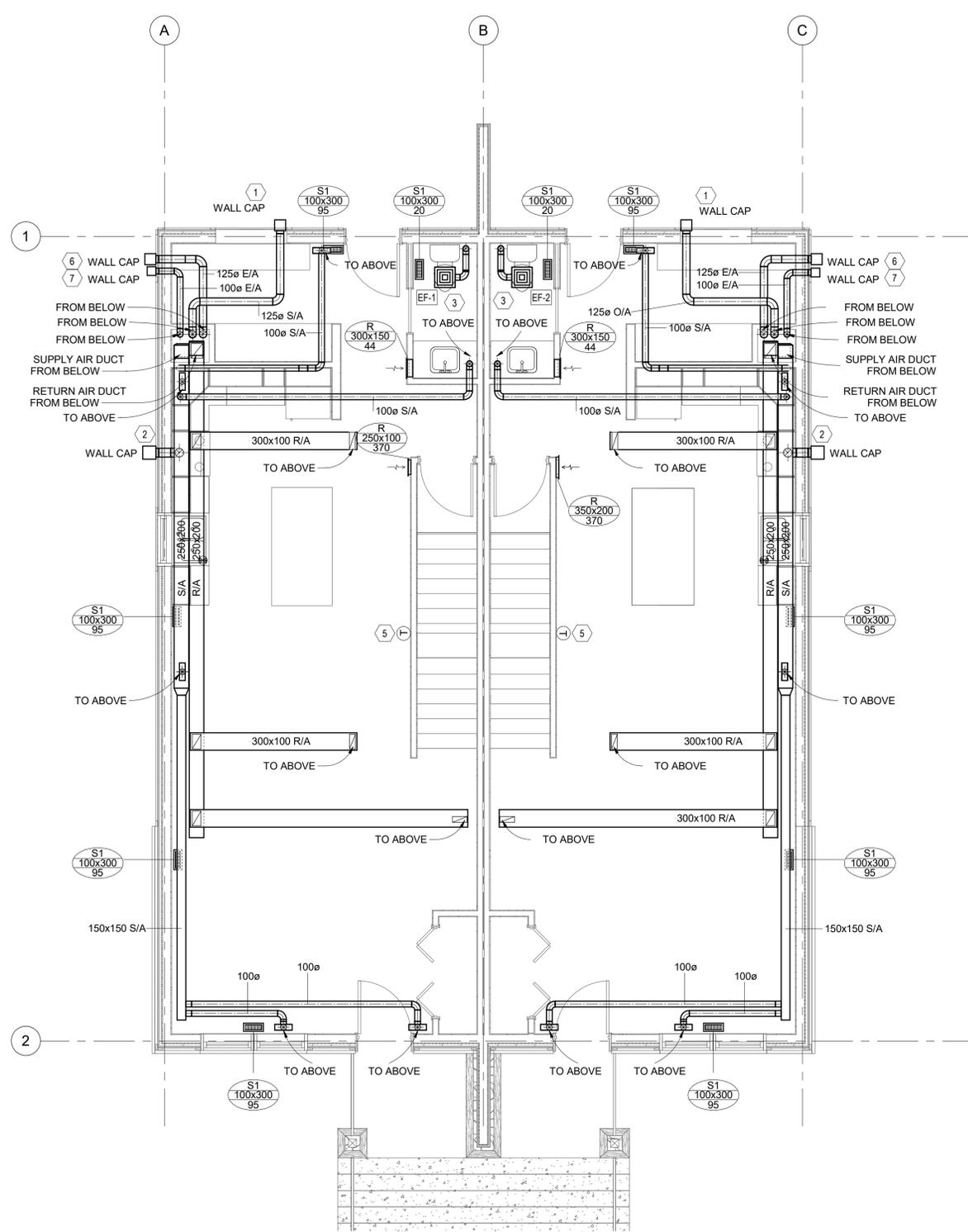
Approved by M. ABUALQUMSSAN / Approuvé par M. ABUALQUMSSAN

Project Manager / Administrateur de Projets: ROB HAFER

Drawing Title: MAIN AND SECOND FLOOR HEATING AND VENTILATION PLAN / Titre du dessin

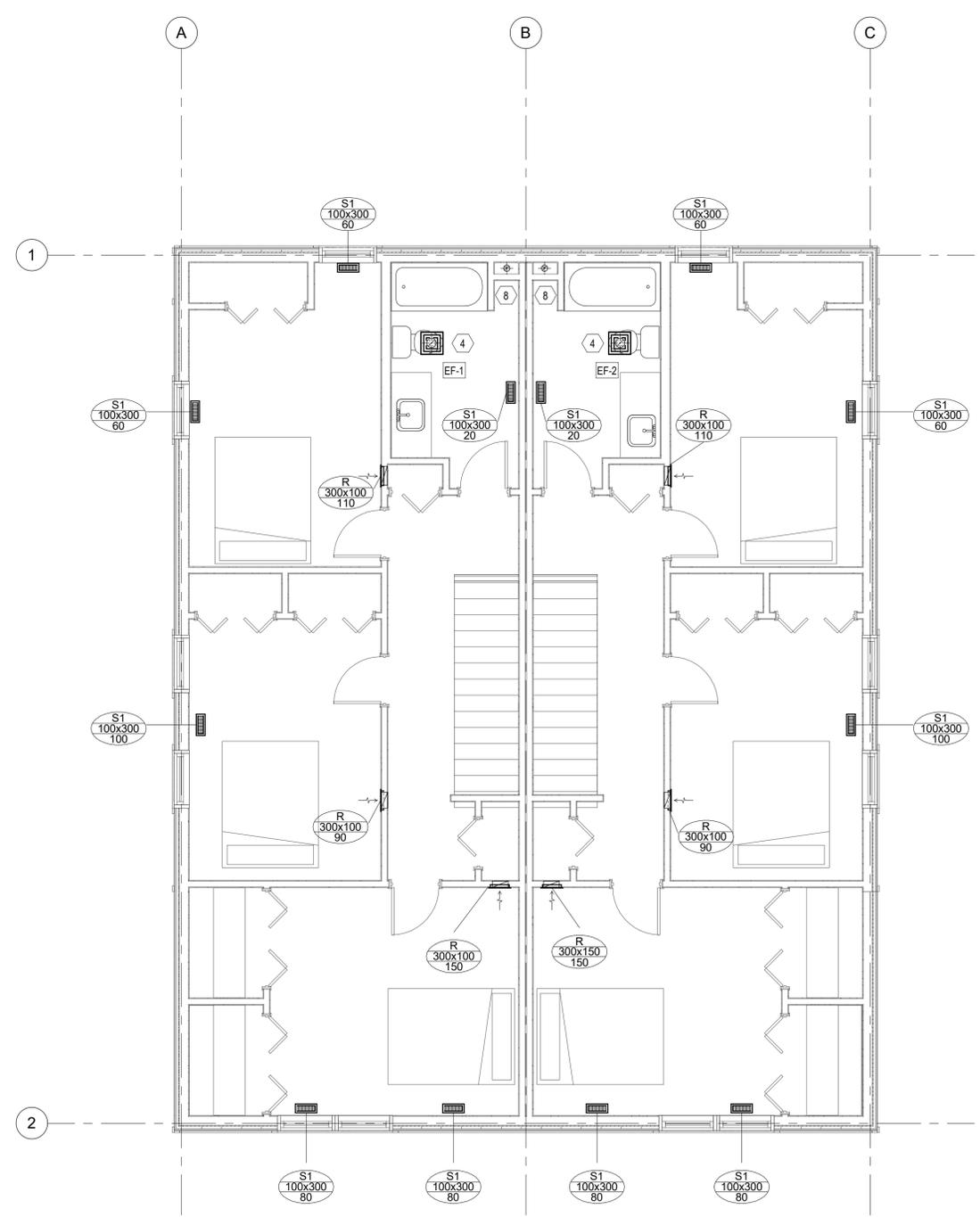
MAIN AND SECOND FLOOR HEATING AND VENTILATION PLAN

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.100429.001	M3.2	4



1 MAIN LEVEL HEATING AND VENTILATION PLAN
SCALE: 1:50

- KEYNOTES:**
- 125Ø HRV FRESH AIR INTAKE PIPE THROUGH EXTERIOR WALL WITH EXTERNAL INSULATION.
 - 150Ø KITCHEN EXHAUST DUCTWORK THROUGH WALL WITH RAIN CAP AND BACKDRAFT DAMPER. EXTERNALLY INSULATE KITCHEN EXHAUST.
 - EF-1 100Ø E/A DUCT WITH EXTERNAL INSULATION AND BACKDRAFT DAMPER AND UP TO FLOOR ABOVE.
 - EF-1/EF-2 ON THE SECOND LEVEL TO BE VENTED DIRECTLY OUT THROUGH THE ROOF.
 - WIRE T-STAT TO FURNACE.
 - 125Ø HRV EXCHANGE THROUGH EXTERIOR WALL WITH EXTERNAL INSULATION.
 - 100Ø RADON EXHAUST THROUGH EXTERIOR WALL.
 - 100Ø E/A DUCT UP FROM FLOOR BELOW AND UP THROUGH ROOF IN SHAFT CW ROOF CAP.



2 SECOND LEVEL HEATING AND 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.

