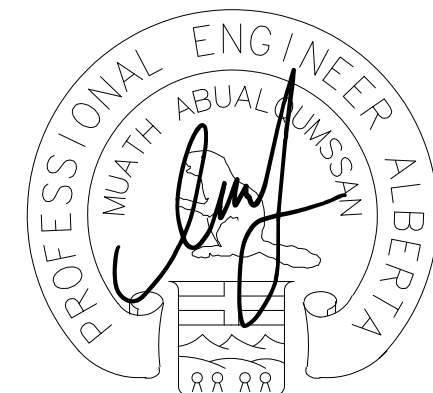


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Revision	Description	Date
4	ISSUED FOR CONSTRUCTION	2020/03/06
3	ISSUED FOR 90% REVIEW	2019/08/29
2	ISSUED FOR 60% REVIEW	2019/05/09
1	ISSUED FOR 30% REVIEW	2019/03/14

Client

PSPC

10025 JASPER AVE
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PH. 780-919-9445

Project Title
JASPER STAFF HOUSING CONSTRUCTION

DUPLEX

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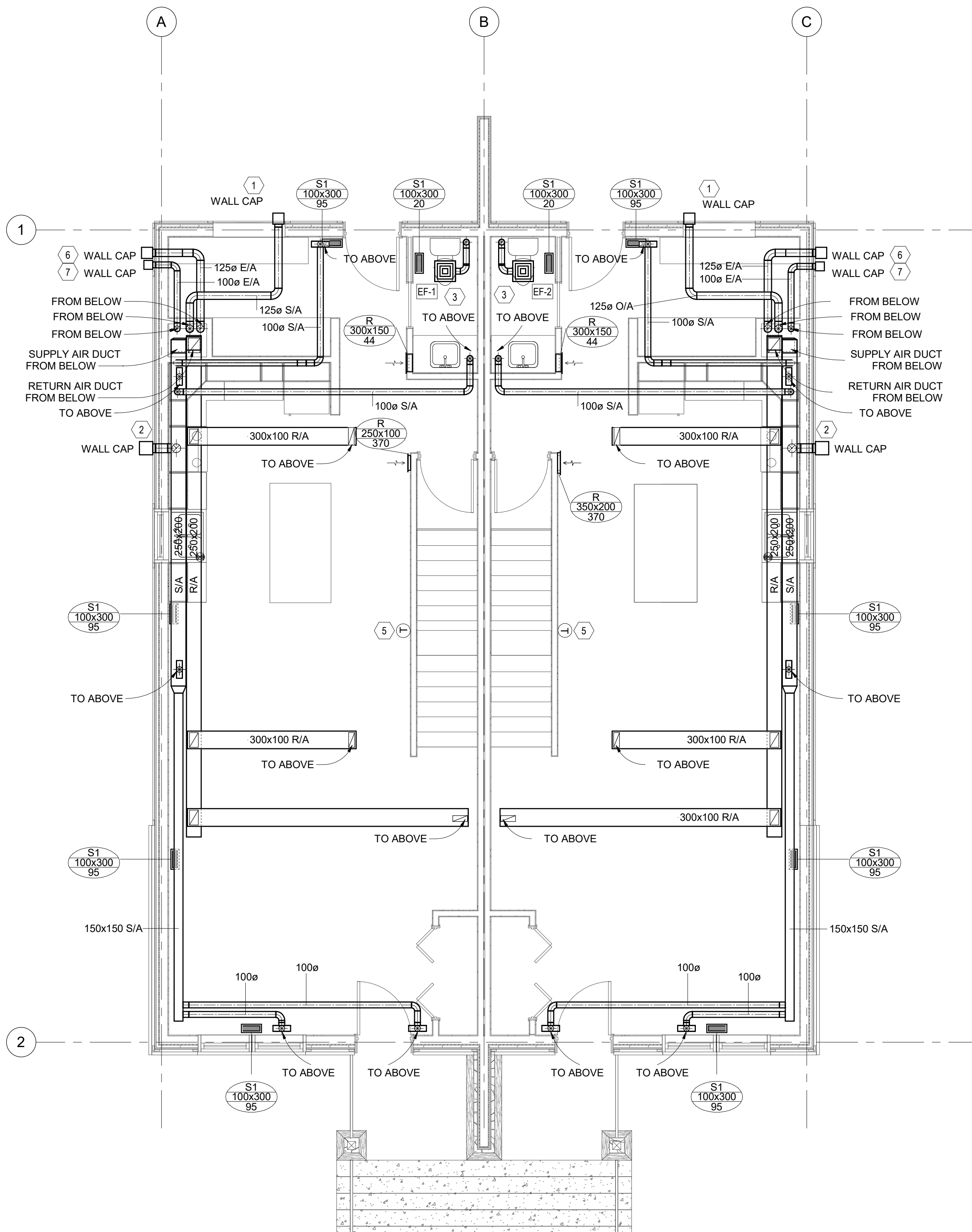
Drawing Title
MAIN AND SECOND FLOOR HEATING AND VENTILATION PLAN

Project no./No. du projet
R.100429.001

Drawing no./No. du dessin
M3.2

Revision no.
4

OF



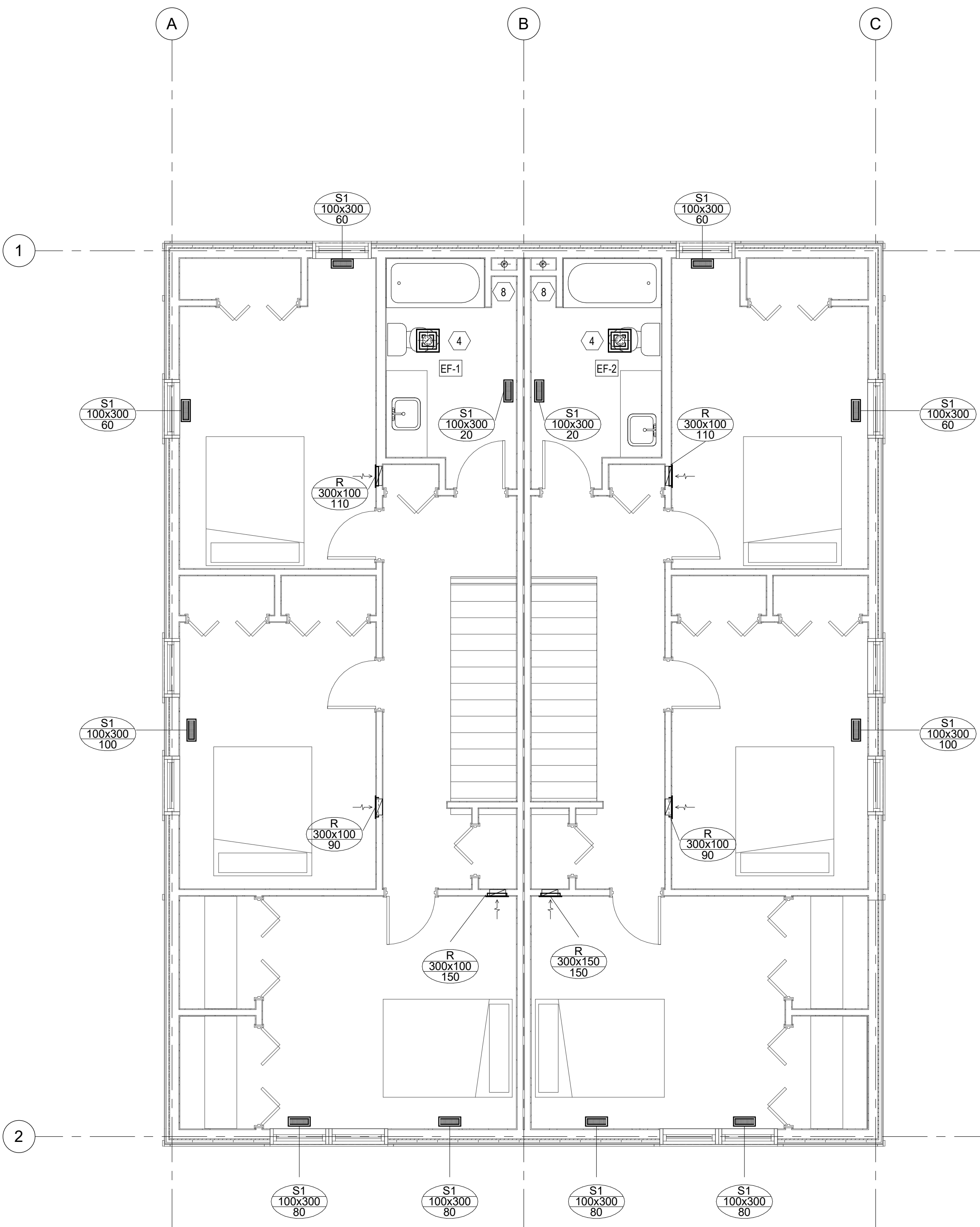
1
M3.2
MAIN LEVEL HEATING AND VENTILATION PLAN
SCALE: 1 : 50

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 C/W ROOF CAP.

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.



2
M3.2
SECOND LEVEL HEATING AND VENTILATION PLAN
SCALE: 1 : 50