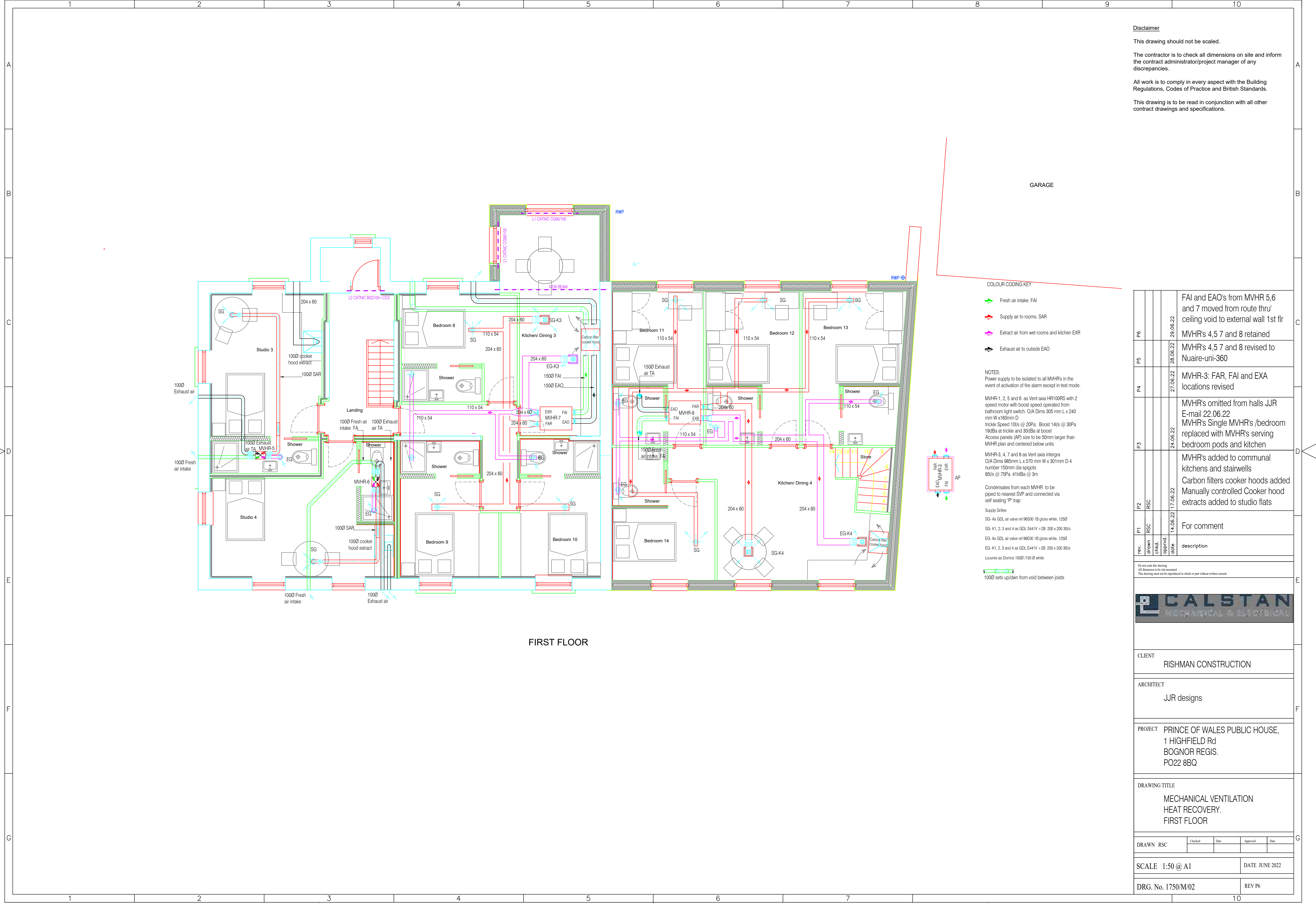




**Disclaimer**

This drawing should not be scaled.

The contractor is to check all dimensions on site and inform the contract administrator/project manager of any discrepancies.

All work is to comply in every aspect with the Building Regulations, Codes of Practice and British Standards.

This drawing is to be read in conjunction with all other contract drawings and specifications.

- COLOUR CODING KEY**
- Fresh air intake. FAI
  - Supply air to rooms. SAR
  - Extract air from wet rooms and kitchen EXR
  - Exhaust air to outside EAO

**NOTES:**

Power supply to be isolated to all MVHRs in the event of activation of fire alarm except in test mode.

MVHR-1, 2, 5 and 6 as Vent axia HR100RS with 2 speed motor with boost speed operated from bathroom light switch. O/A Dims 305 mm L x 240 mm W x 160mm D  
trickle Speed 100/s @ 20Pa. Boost 140/s @ 30Pa  
19dBa at trickle and 30dBa at boost  
Access panels (AP) size to be 50mm larger than MVHR plan and centered below units

MVHR-3, 4, 7 and 8 as Vent axia intergra O/A Dims 965mm L x 570 mm W x 301mm D 4 number 150mm dia spigots  
85/s @ 75Pa. 41dBa @ 3m

Condensates from each MVHR to be piped to nearest SVP and connected via self sealing TP trap

Supply Grilles  
SG-As GDL air valve ref 96500 1B gloss white. 1250  
SG-K1, 2, 3 and 4 as GDL S441V +2B 200 x 200 30/s  
EG-As GDL air valve ref 96E00 1B gloss white. 1250  
EG-K1, 2, 3 and 4 as GDL E441V +2B 200 x 200 30/s

Louvers as Damos 1000 /150 Ø white

1000 sets up/dwn from void between joists

| rev. | drawn | chkd. | appvd. | date     | description                                                                                                                                             |
|------|-------|-------|--------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| P6   |       |       |        | 29.06.22 | FAI and EAO's from MVHR 5,6 and 7 moved from route thru' ceiling void to external wall 1st flr<br>MVHR's 4,5 7 and 8 retained                           |
| P5   |       |       |        | 28.06.22 | MVHR's 4,5 7 and 8 revised to Nuaire-uni-360                                                                                                            |
| P4   |       |       |        | 27.06.22 | MVHR-3: FAR, FAI and EXA locations revised                                                                                                              |
| P3   |       |       |        | 24.06.22 | MVHR's omitted from halls JJR<br>E-mail 22.06.22<br>MVHR's Single MVHR's/bedroom replaced with MVHR's serving bedroom pods and kitchen                  |
| P2   | RSC   |       |        | 17.06.22 | MVHR's added to communal kitchens and stairwells<br>Carbon filters cooker hoods added<br>Manually controlled Cooker hood extracts added to studio flats |
| P1   | RSC   |       |        | 14.06.22 | For comment                                                                                                                                             |

Do not scale this drawing  
All dimensions to be site measured  
This drawing must not be reproduced in whole or part without written consent



CLIENT  
RISHMAN CONSTRUCTION

ARCHITECT  
JJR designs

PROJECT  
PRINCE OF WALES PUBLIC HOUSE,  
1 HIGHFIELD Rd  
BOGNOR REGIS.  
PO22 8BQ

DRAWING TITLE  
MECHANICAL VENTILATION  
HEAT RECOVERY.  
FIRST FLOOR

|                    |     |         |      |                |      |
|--------------------|-----|---------|------|----------------|------|
| DRAWN              | RSC | Checked | Date | Approved       | Date |
| SCALE 1:50 @ A1    |     |         |      | DATE JUNE 2022 |      |
| DRG. No. 1750/M/02 |     |         |      | REV P6         |      |