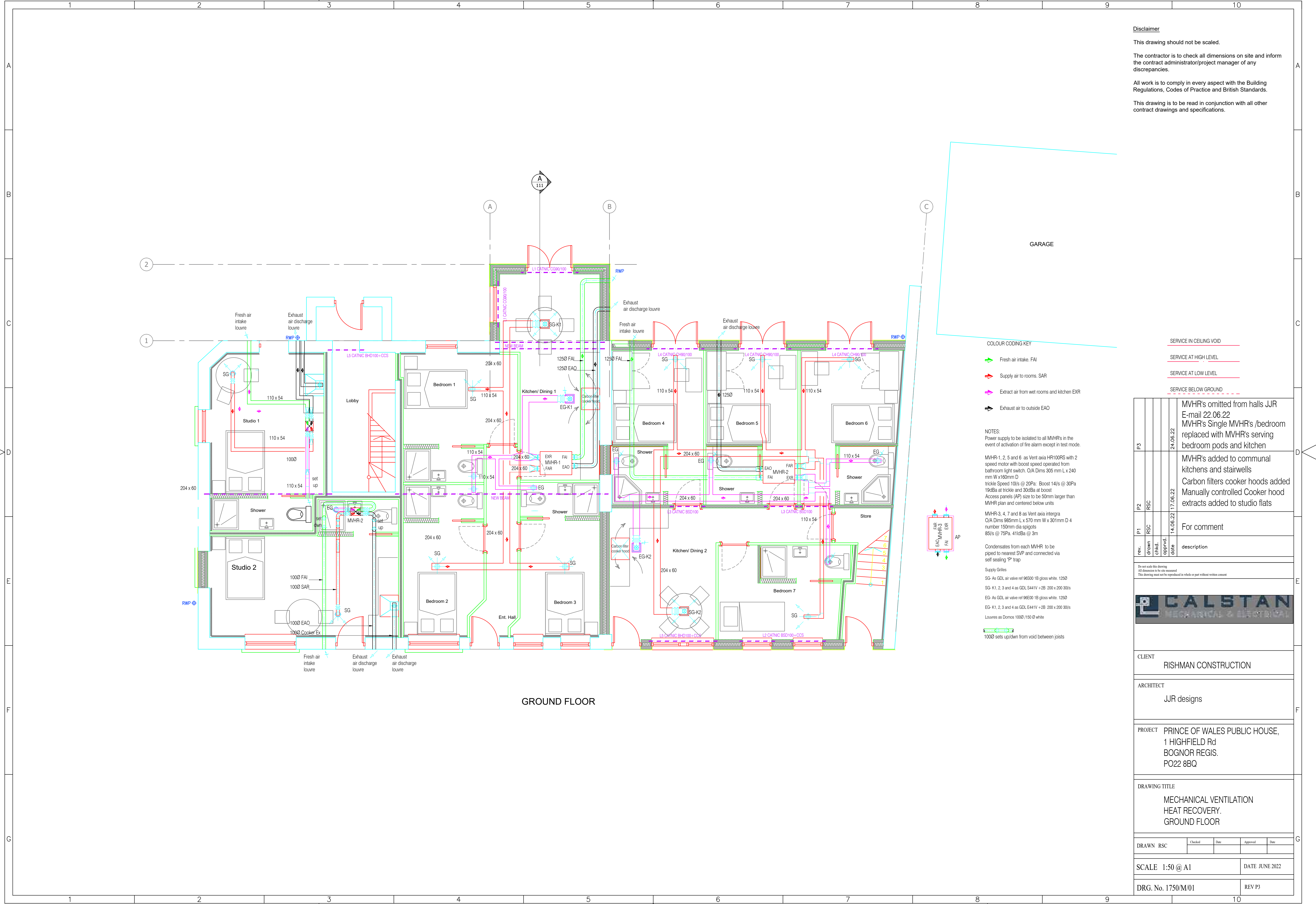




Disclaimer

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.

- CLOUR 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 985mm 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 "P" 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 96500 1B gloss white. 1250
EG- K1, 2, 3 and 4 as GDL E441V +2B 200 x 200 30/s
Louvers as Doms 1000 /150 Ø white

1000 sets up/dwn from void between joists

- SERVICE IN CEILING VOID**
- SERVICE AT HIGH LEVEL**
- SERVICE AT LOW LEVEL**
- SERVICE BELOW GROUND**

P3			24.06.22	MVHRs omitted from halls JJR E-mail 22.06.22 MVHRs Single MVHR's /bedroom replaced with MVHRs serving bedroom pods and kitchen
P2	RSC		17.06.22	MVHRs added to communal kitchens and stairwells Carbon filters cooker hoods added Manually controlled Cooker hood extracts added to studio flats
P1	RSC		14.06.22	For comment
rev.	drawn	chkd.	apprvd.	date
				description

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.
GROUND FLOOR

DRAWN	RSC	Checked	Date	Approved	Date
SCALE 1:50 @ A1					DATE JUNE 2022
DRG. No. 1750/M/01					REV P3