

KEY

Glazing

- 34dB R_w (e.g. 6/12/4 standard double glazing)
- 37dB R_w (e.g. 10/12/6 standard double glazing)
- 41dB R_w (e.g. 6/12/13 enhanced double glazing)

Hybrid Ventilation Feasibility

A feasibility assessment has been undertaken for rooms where a hybrid ventilation strategy is under consideration. Other rooms are understood to be mechanically ventilated. See Section 2.2.4 of the report for detailed information.

- Hybrid ventilation via 1no. or 2no. exposed Monodraught HVR Zero X units indicated to be sufficient
- Hybrid ventilation via 1no. or 2no. Monodraught HVR Zero X units in ceiling void indicated to be sufficient, provided the room has a suspended mineral fibre tile or plasterboard ceiling, and provided that an attenuator can be installed within the ductwork prior to the supply/extract grilles

Note: The Monodraught HVR Zero X unit has an acoustic performance rating of 39dB D_{n,w}. An alternative hybrid ventilation unit would also be sufficient, provided it has a minimum acoustic performance rating of 39dB D_{n,w}.

Area Schedule (GIA)	
Level	Area
00 - Ground Floor	3560 m ²
01 - First Floor	2890 m ²
02 - Second Floor	3103 m ²
03 - Third Floor	2899 m ²
04 - Fourth Floor	2965 m ²
05 - Fifth Floor	616 m ²
Grand total	16034 m ²

1 | 01 - First Floor
1 : 200

Refer to structural and MEP engineer's concept design information for proposed column/structure locations and MEP services.
Further design development and coordination to be undertaken at the next stage.

0m 4m 8m 12m 16m 20m

Rev	Description	Drawn	Checked	Date Issued
001	GA Floor Level Issue	JWJ	TV	01.07.25
002	GA Floor Level Update - Motorports workshop moved and expanded, stair access amended to suit fire safety requirements	JWJ	TV	01.07.25
003	GA Leveling - rooms added to main hall, core tops of house added, open spaces adjusted, ground adjusted	JWJ	TV	01.07.25
004	WIP - GA revision 01/25	JWJ	TV	01.07.25
005	WIP - GA revision 02/25	JWJ	TV	01.07.25
006	WIP - GA revision 03/25	JWJ	TV	01.07.25
007	WIP - GA revision 04/25	JWJ	TV	01.07.25
008	WIP - GA revision 05/25	JWJ	TV	01.07.25
009	WIP - GA revision 06/25	JWJ	TV	01.07.25
010	WIP - GA revision 07/25	JWJ	TV	01.07.25
011	WIP - GA revision 08/25	JWJ	TV	01.07.25
012	WIP - GA revision 09/25	JWJ	TV	01.07.25

DO NOT SCALE. Use figured dimensions only.
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Drawn	JWJ
Date	JUNE 2026
Scale @ A1	As indicated
Status	D2
REVIEW	

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Project: Newport Knowledge Quarter

Description: First Floor GA Plan

Job No.	Drawing No.	Revision	P12
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