

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

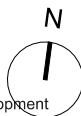
Note: The Monodraught HVR Zero X unit has an acoustic performance rating of 39dB D_{n,w}. An alternative hybrid ventilation unit would also be sufficient, provided it has a minimum acoustic performance rating of 39dB D_{n,w}.



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

NOTE:

Redline - Assumed Planning Boundary for Proposed Development



Rev	Description	Drawn	Checked	Date Issued
001	Initial Issue	JWJ	TV	01.07.25
002	Initial Issue	JWJ	TV	01.07.25
003	Initial Issue	JWJ	TV	01.07.25
004	Initial Issue	JWJ	TV	01.07.25
005	Initial Issue	JWJ	TV	01.07.25
006	Initial Issue	JWJ	TV	01.07.25
007	Initial Issue	JWJ	TV	01.07.25
008	Initial Issue	JWJ	TV	01.07.25
009	Initial Issue	JWJ	TV	01.07.25
010	Initial Issue	JWJ	TV	01.07.25
011	Initial Issue	JWJ	TV	01.07.25
012	Initial Issue	JWJ	TV	01.07.25

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Drawn	JWJ
Date	JUNE 2026
Scale @ A1	As indicated
Status	D2
	REVIEW

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Austin-Smith: Lord

Project: Newport Knowledge Quarter

Description: Second Floor GA Plan

Job No.	Drawing No.	Revision	P12
324055	NE0101-ASL-BA-02-DR-A-00103		