

KEY

Glazing

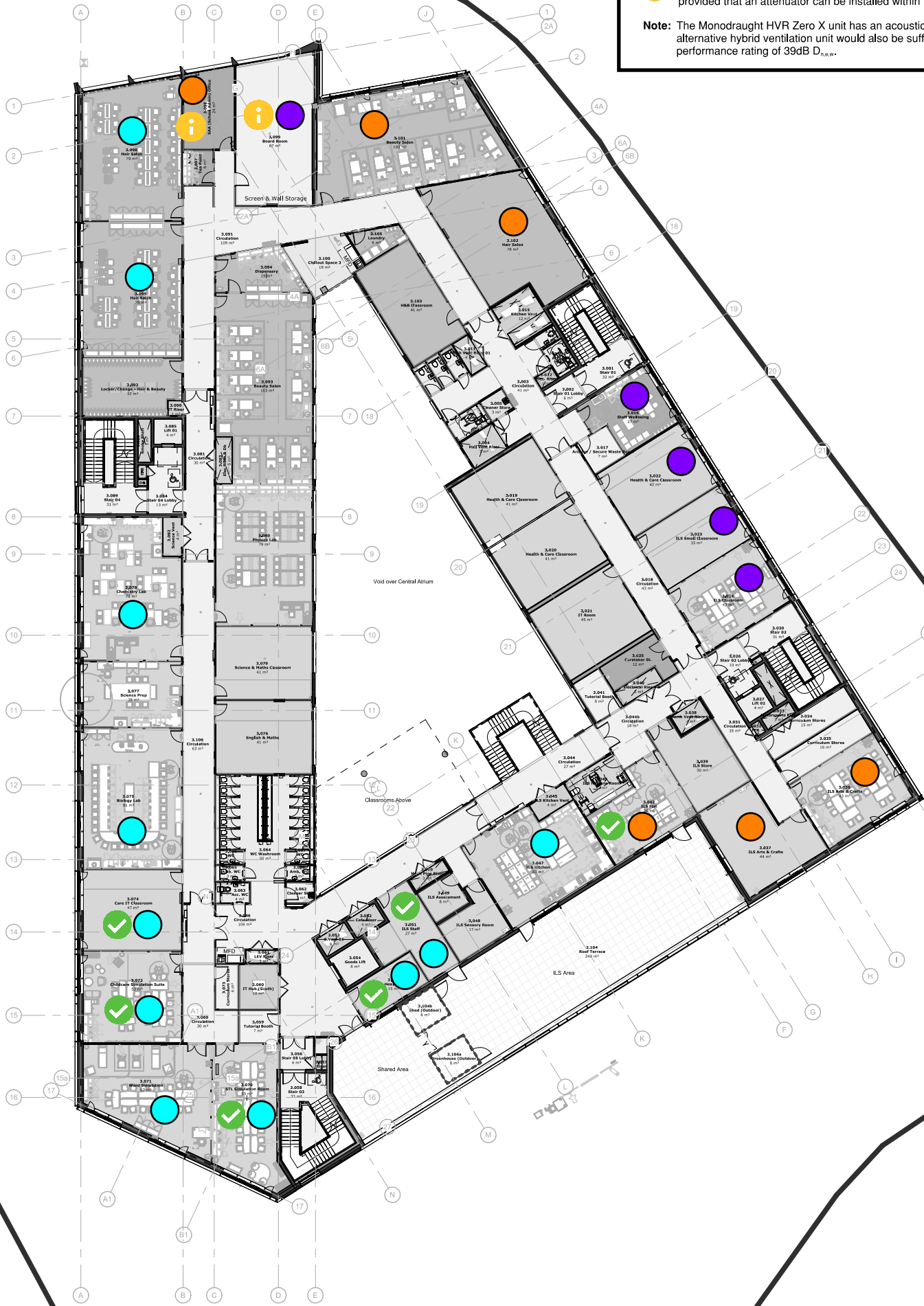
- 34dB R_w (e.g. 6/12/4 standard double glazing)
- 37dB R_w (e.g. 10/12/6 standard double glazing)
- 41dB R_w (e.g. 6/12/13 enhanced double glazing)

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

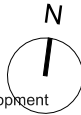
Note: The Monodraught HVR Zero X unit has an acoustic performance rating of 39dB D_{n,w}. An alternative hybrid ventilation unit would also be sufficient, provided it has a minimum acoustic performance rating of 39dB D_{n,w}.



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	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
003	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
004	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
005	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
006	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
007	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
008	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
009	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
010	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
011	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25
012	Revise to include structural and MEP engineer's concept design information	JWJ	TV	01.07.25

DO NOT SCALE. Use figured dimensions only.
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Drawn	JWJ	Austin-Smith:Lord Ltd Architects Designers Planners Landscape Architects 18 Park Place Cardiff CF10 3DQ t +44 (0)2920 225 208 e cardiff@austinsmithlord.com
Date	JUNE 2026	
Scale @ A1	As indicated	
Status	D2 REVIEW	

Austin-Smith:Lord

Project: Newport Knowledge Quarter

Description: Third Floor GA Plan

Job No.	Drawing No.	Revision	P12
324055	NE0101-ASL-BA-03-DR-A-00104		

KEY

Glazing

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- 37dB R_w (e.g. 10/12/6 standard double glazing)
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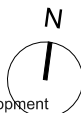
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05 - Fifth Floor	616 m ²
Grand total	16034 m ²

NOTE:

Redline - Assumed Planning Boundary for Proposed Development



Rev	Description	Drawn	Checked	Date Issued
001	Initial Issue	JWJ	AS	22.02.25
002	Initial Issue	JWJ	AS	22.02.25
003	Initial Issue	JWJ	AS	22.02.25
004	Initial Issue	JWJ	AS	22.02.25
005	Initial Issue	JWJ	AS	22.02.25
006	Initial Issue	JWJ	AS	22.02.25
007	Initial Issue	JWJ	AS	22.02.25
008	Initial Issue	JWJ	AS	22.02.25
009	Initial Issue	JWJ	AS	22.02.25
010	Initial Issue	JWJ	AS	22.02.25
011	Initial Issue	JWJ	AS	22.02.25
012	Initial Issue	JWJ	AS	22.02.25

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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: Fourth Floor GA Plan

Job No.	Drawing No.	Revision	P12
324055	NE0101-ASL-BA-04-DR-A-00105		