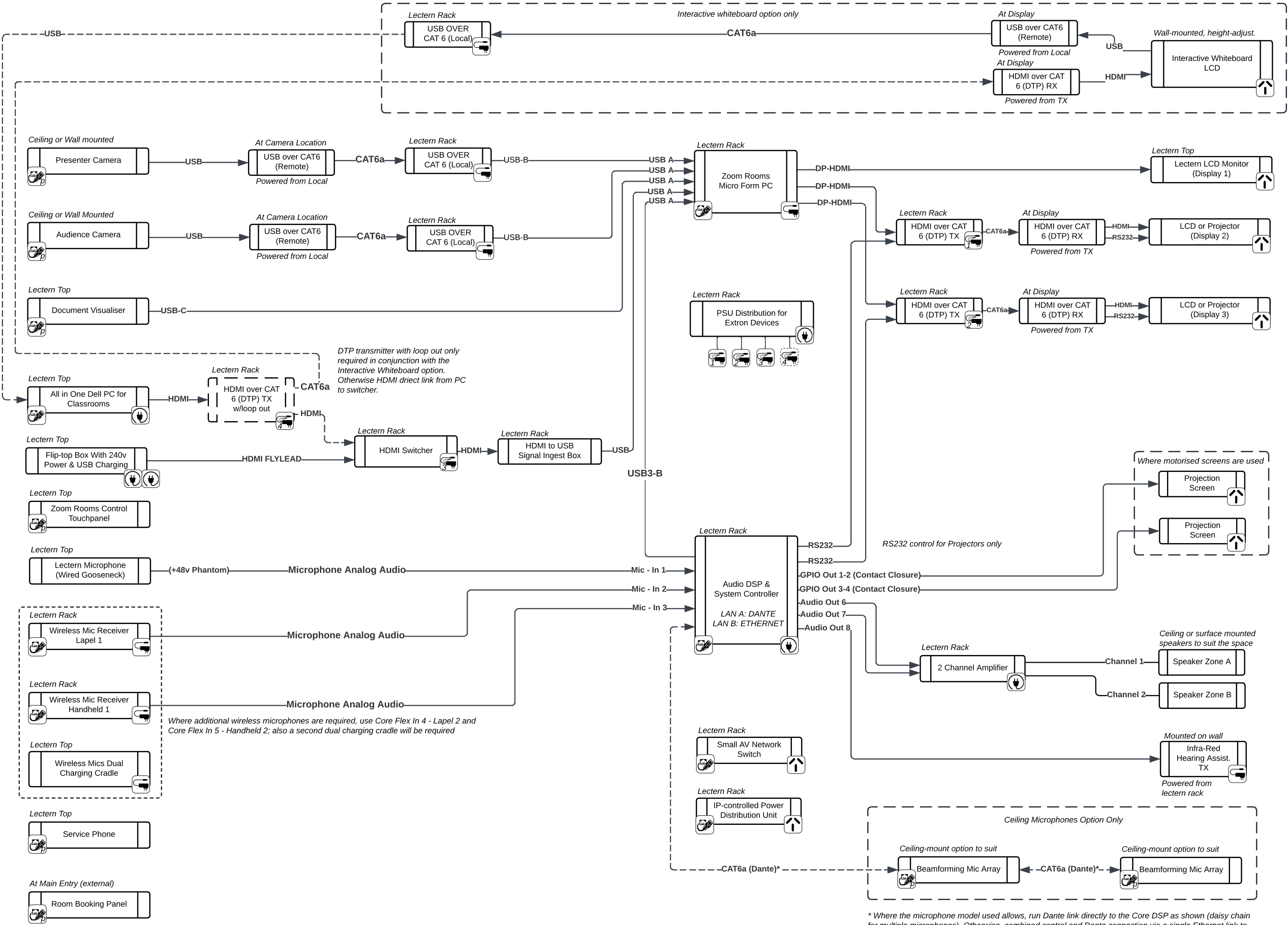


Standard AV Schematic:
Hy-Flex Teaching Space



DRAWING DETAILS



TITLE: AV Schematic
ROOM TYPE: Hy-Flex Teaching
v 2025.3
STATUS: For Release
DATE: May 2026
REVISION: 4
DRAWING NO: 1 of 6

CHANGE LOG

- rev 3: re-titled to 'Hy-Flex Teaching Space'. Minor cosmetic changes.
- rev 4: added DTP TX with loop out at Lec PC output for Interactive Whiteboard option

LEGEND

- Ethernet connection
- Ethernet connection supplying PoE
- Wi-Fi connection
- 240V power required
- GPO required
- Powered via DC PSU
- Powered via DC from multi-ouput PSU

DRAWN BY

Tom Jovanovic
Senior DevOps Engineer
M: +61 (0)429 984 283
E: tom.jovanovic@newcastle.edu.au

John Gibson
DevOps Engineering Specialist
M: +61 (0)433 251 165
E: john.a.gibson@newcastle.edu.au

Jefferson Dowley
DevOps Engineering Specialist
M: +61 (0)403 248 222
E: jefferson.dowley@newcastle.edu.au

Interactive Technologies
Digital Technology Services
Resources Division

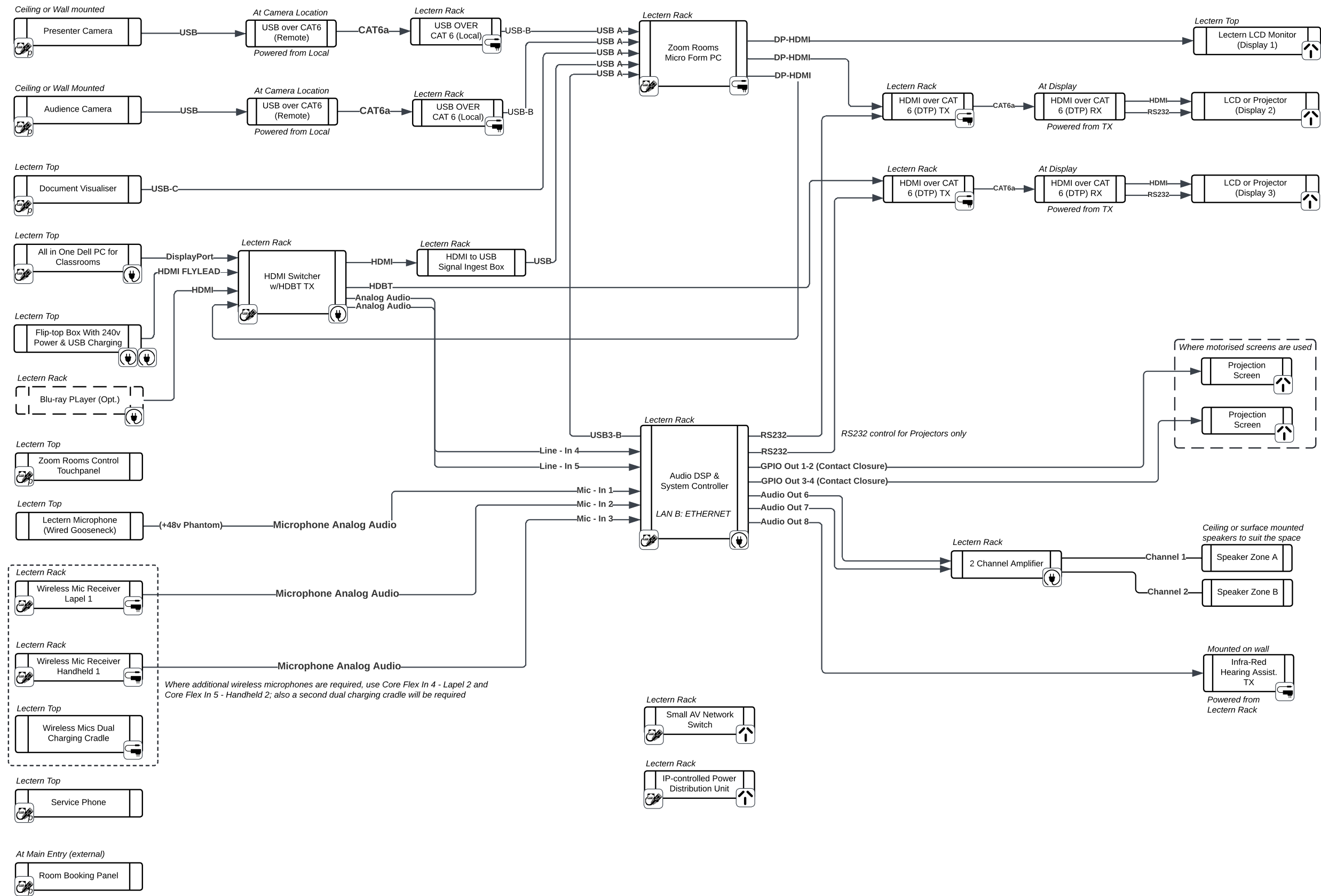
The University of Newcastle
University Drive, Callaghan NSW 2308 Australia

All Schematics remain the intellectual property of the University of Newcastle.

DRAWING STATUS

FOR RELEASE

Standard AV Schematic:
Hy-Flex Teaching Space (Hi-Def Sharing)



DRAWING DETAILS



TITLE: AV Schematic
ROOM TYPE: Hy-Flex Teaching, Hi-Def v 2025.3
STATUS: For Release
DATE: May 2026
REVISION: 3
DRAWING NO: 2 of 6

CHANGE LOG

• rev 3: re-titled to 'Hy-Flex Teaching Space'. Minor cosmetic changes.

LEGEND

- Ethernet connection
- Ethernet connection supplying PoE
- Wi-Fi connection
- 240V power required
- GPO required
- Powered via DC PSU
- Powered via DC from multi-ouput PSU

DRAWN BY

Tom Jovanovic
Senior DevOps Engineer
M: +61 (0)429 984 283
E: tom.jovanovic@newcastle.edu.au

John Gibson
DevOps Engineering Specialist
M: +61 (0)433 251 165
E: john.a.gibson@newcastle.edu.au

Jefferson Dowley
DevOps Engineering Specialist
M: +61 (0)403 248 222
E: jefferson.dowley@newcastle.edu.au

Interactive Technologies
Digital Technology Services
Resources Division

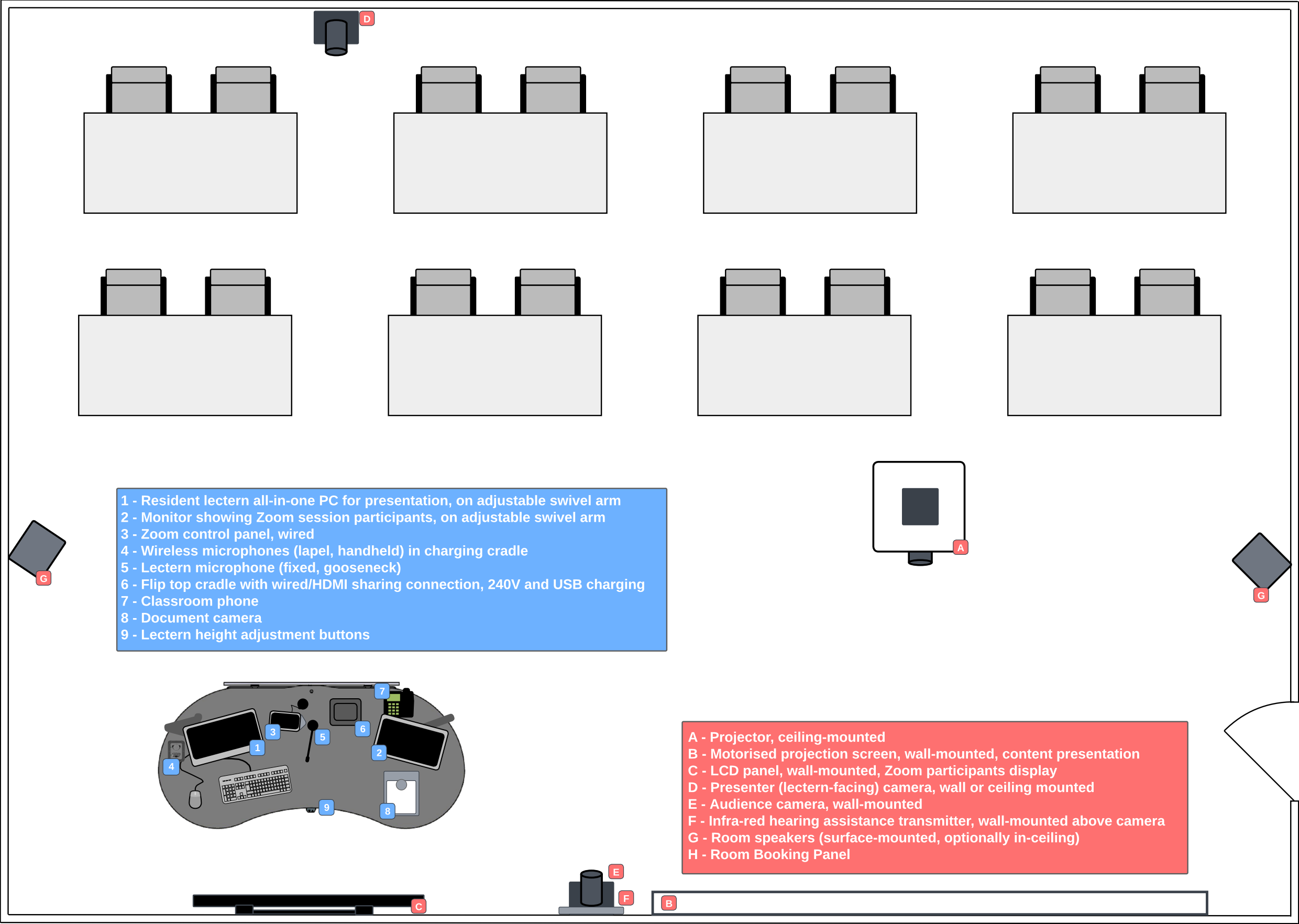
The University of Newcastle
University Drive, Callaghan NSW 2308 Australia

All Schematics remain the intellectual property of the University of Newcastle.

DRAWING STATUS

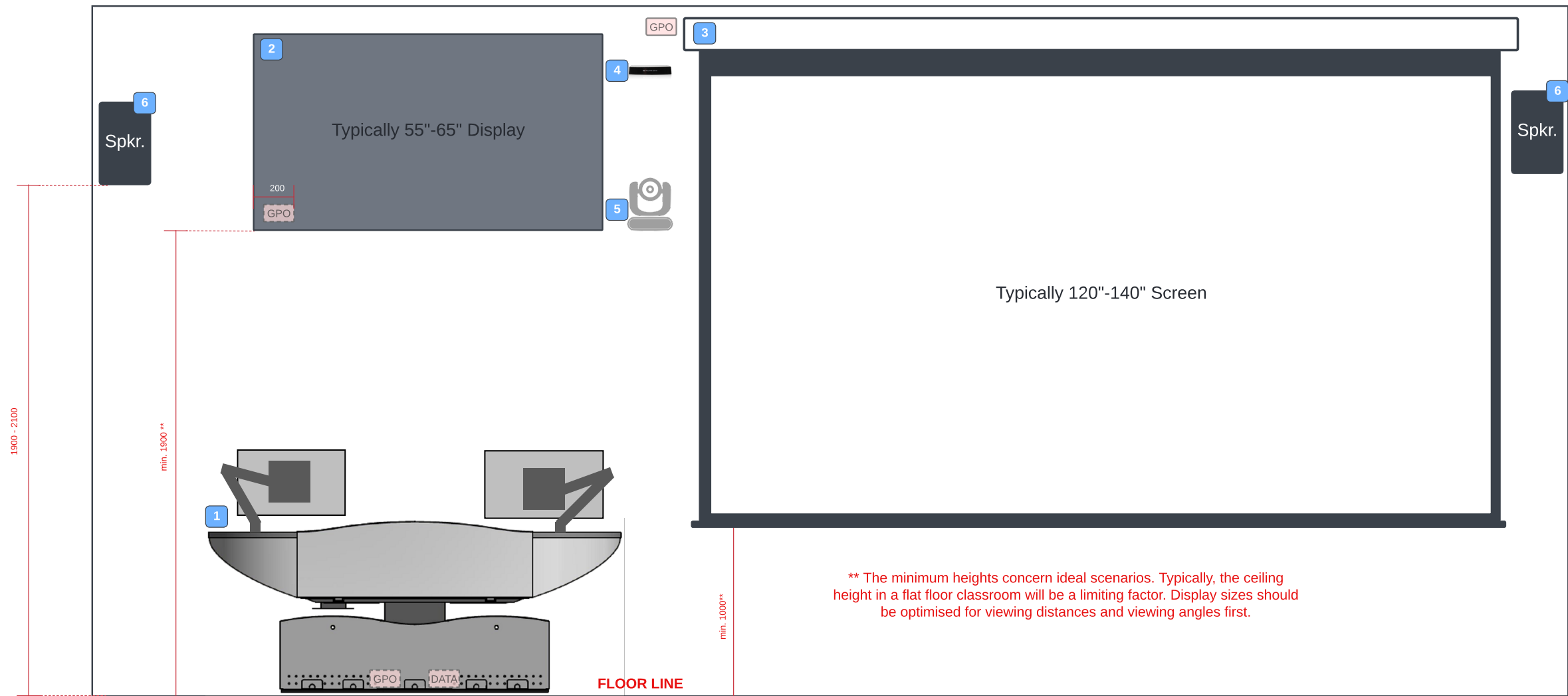
FOR RELEASE

Example Layout - Single Projector:
Hy-Flex Teaching Space



DRAWING DETAILS	
	
TITLE:	Layout - Single Projector
ROOM TYPE:	Hy-Flex Teaching v 2025.3
STATUS:	For Release
DATE:	May 2026
REVISION:	3
DRAWING NO:	3 of 6
CHANGE LOG	
rev 3: re-titled to 'Hy-Flex Teaching Space'. Minor cosmetic changes.	
LEGEND	
DRAWN BY	
Tom Jovanovic Senior DevOps Engineer M: +61 (0)429 984 283 E: tom.jovanovic@newcastle.edu.au	
John Gibson DevOps Engineering Specialist M: +61 (0)433 251 165 E: john.a.gibson@newcastle.edu.au	
Jefferson Dowley DevOps Engineering Specialist M: +61 (0)403 248 222 E: jefferson.dowley@newcastle.edu.au	
Interactive Technologies Digital Technology Services Resources Division	
The University of Newcastle University Drive, Callaghan NSW 2308 Australia	
All Schematics remain the intelletual property of the University of Newcastle.	
DRAWING STATUS	
FOR RELEASE	

Example Elevation - Single Projector:
Hy-Flex Teaching Space



- 1 - Height-adjustable lectern wherever possible. Requires GPO and DATA at the base.
- 2 - LCD on a flush-mount, non-extendable wall bracket. Requires a GPO in relative position to the unit as shown.
- 3 - Motorised projection screen. Requires a GPO at the left side, as shown.
- 4 - Infra-red hearing assistance transmitter. Powered from the lectern.
- 5 - PTZ room camera. Requires DATA, powered via Ethernet (from the lectern).
- 6 - Room speakers (where surface-mounted), wired back to the lectern.

** The minimum heights concern ideal scenarios. Typically, the ceiling height in a flat floor classroom will be a limiting factor. Display sizes should be optimised for viewing distances and viewing angles first.

DRAWING DETAILS



TITLE: Elevation - Single Projector
ROOM TYPE: Hy-Flex Teaching
v 2025.3
STATUS: For Release
DATE: May 2026
REVISION: 3
DRAWING NO: 4 of 6

CHANGE LOG

- rev 3: re-titled to 'Hy-Flex Teaching Space'. Minor cosmetic changes.

LEGEND

DRAWN BY

Tom Jovanovic
Senior DevOps Engineer
M: +61 (0)429 984 283
E: tom.jovanovic@newcastle.edu.au

John Gibson
DevOps Engineering Specialist
M: +61 (0)433 251 165
E: john.a.gibson@newcastle.edu.au

Jefferson Dowley
DevOps Engineering Specialist
M: +61 (0)403 248 222
E: jefferson.dowley@newcastle.edu.au

Interactive Technologies
Digital Technology Services
Resources Division

The University of Newcastle
University Drive, Callaghan NSW 2308 Australia

All Schematics remain the intellectual property of the
University of Newcastle.

DRAWING STATUS

FOR RELEASE

Example Layout - Dual Projector:
Hy-Flex Teaching Space

DRAWING DETAILS



TITLE: Layout - Dual Projector
ROOM TYPE: Hy-Flex Teaching
v 2025.3
STATUS: For Release
DATE: May 2026
REVISION: 3
DRAWING NO: 5 of 6

CHANGE LOG

- rev 3: re-titled to 'Hy-Flex Teaching Space'.
Minor cosmetic changes.

LEGEND

DRAWN BY

Tom Jovanovic
Senior DevOps Engineer
M: +61 (0)429 984 283
E: tom.jovanovic@newcastle.edu.au

John Gibson
DevOps Engineering Specialist
M: +61 (0)433 251 165
E: john.a.gibson@newcastle.edu.au

Jefferson Dowley
DevOps Engineering Specialist
M: +61 (0)403 248 222
E: jefferson.dowley@newcastle.edu.au

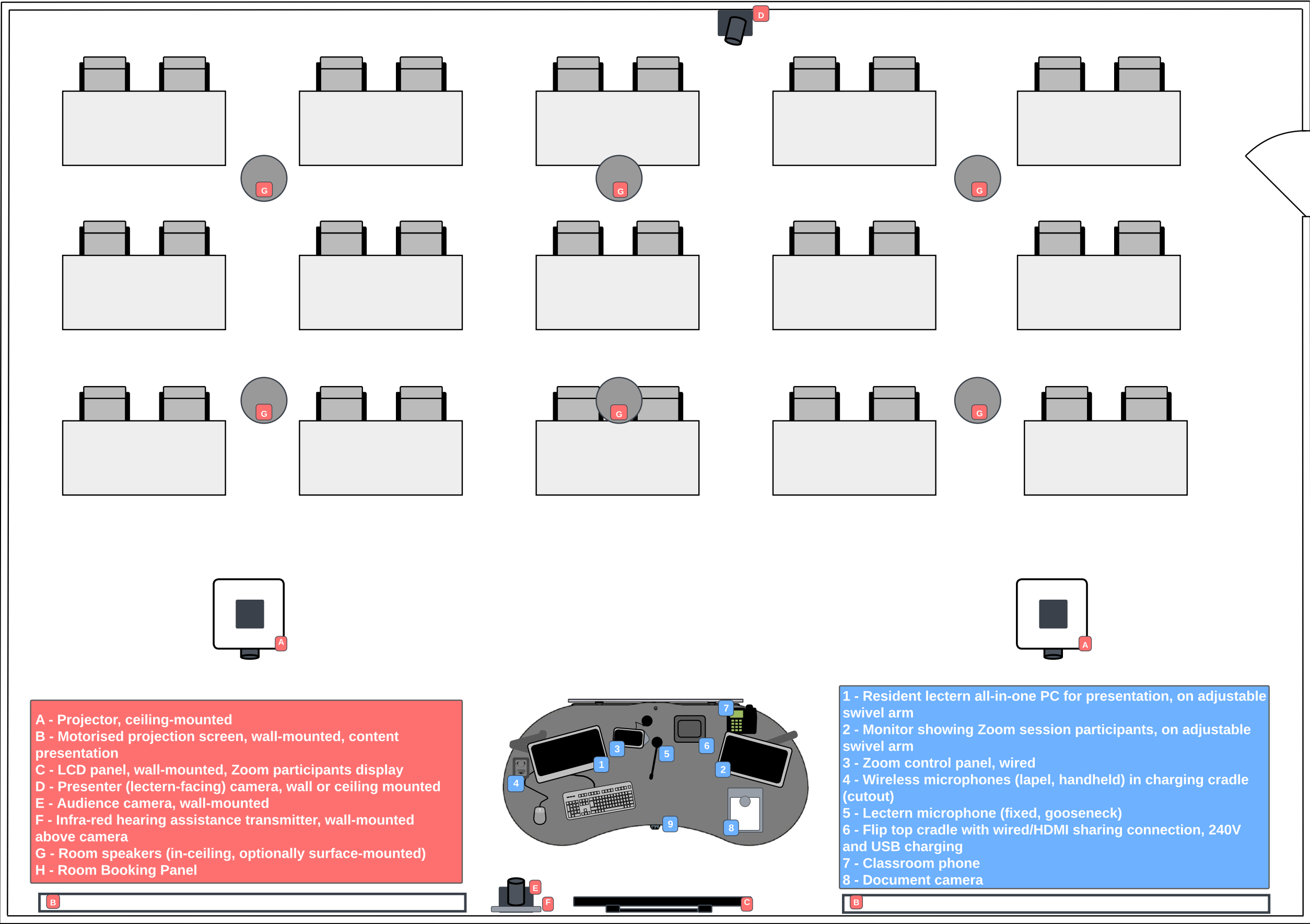
Interactive Technologies
Digital Technology Services
Resources Division

The University of Newcastle
University Drive, Callaghan NSW 2308 Australia

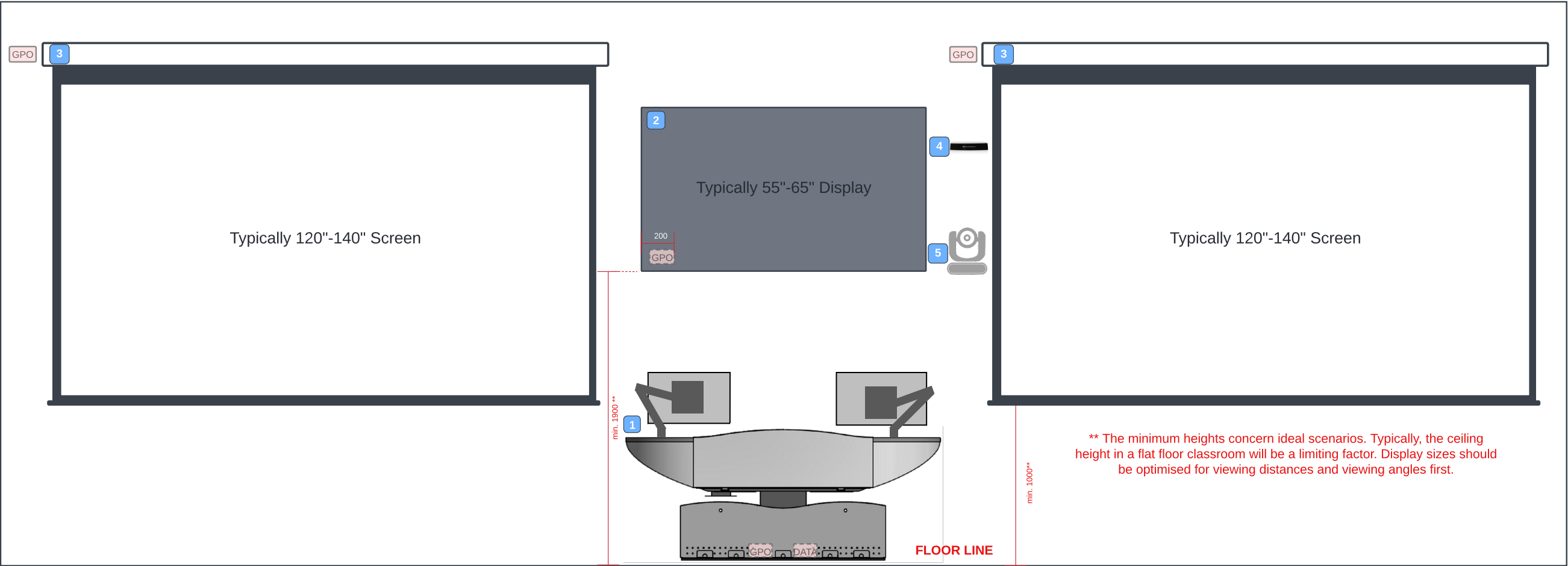
All Schematics remain the intellectual property of the
University of Newcastle.

DRAWING STATUS

FOR RELEASE



Example Layout - Dual Projector:
High Flex Teaching Space



- 1 - Height-adjustable lectern wherever possible. Requires GPO and DATA at the base.
2 - LCD on a flush-mount, non-extendable wall bracket. Requires a GPO in relative position to the unit as shown.
3 - Motorised projection screen. Requires a GPO at the left side, as shown.
4 - Infra-red hearing assistance transmitter. Powered from the lectern.
5 - PTZ room camera. Requires DATA, powered via Ethernet (from the lectern).

DRAWING DETAILS	
 THE UNIVERSITY OF NEWCASTLE AUSTRALIA	
TITLE:	Elevation - Dual Projector
ROOM TYPE:	Hy-Flex Teaching v 2025.3
STATUS:	For Release
DATE:	May 2026
REVISION:	3
DRAWING NO:	6 of 6
CHANGE LOG	
• rev 3: re-titled to 'Hy-Flex Teaching Space'. Minor cosmetic changes.	
LEGEND	
DRAWN BY	
Tom Jovanovic Senior DevOps Engineer M: +61 (0)429 984 283 E: tom.jovanovic@newcastle.edu.au John Gibson DevOps Engineering Specialist M: +61 (0)433 251 165 E: john.a.gibson@newcastle.edu.au Jefferson Dowley DevOps Engineering Specialist M: +61 (0)403 248 222 E: jefferson.dowley@newcastle.edu.au Interactive Technologies Digital Technology Services Resources Division The University of Newcastle University Drive, Callaghan NSW 2308 Australia	
All Schematics remain the intelletual property of the University of Newcastle.	
DRAWING STATUS	
FOR RELEASE	