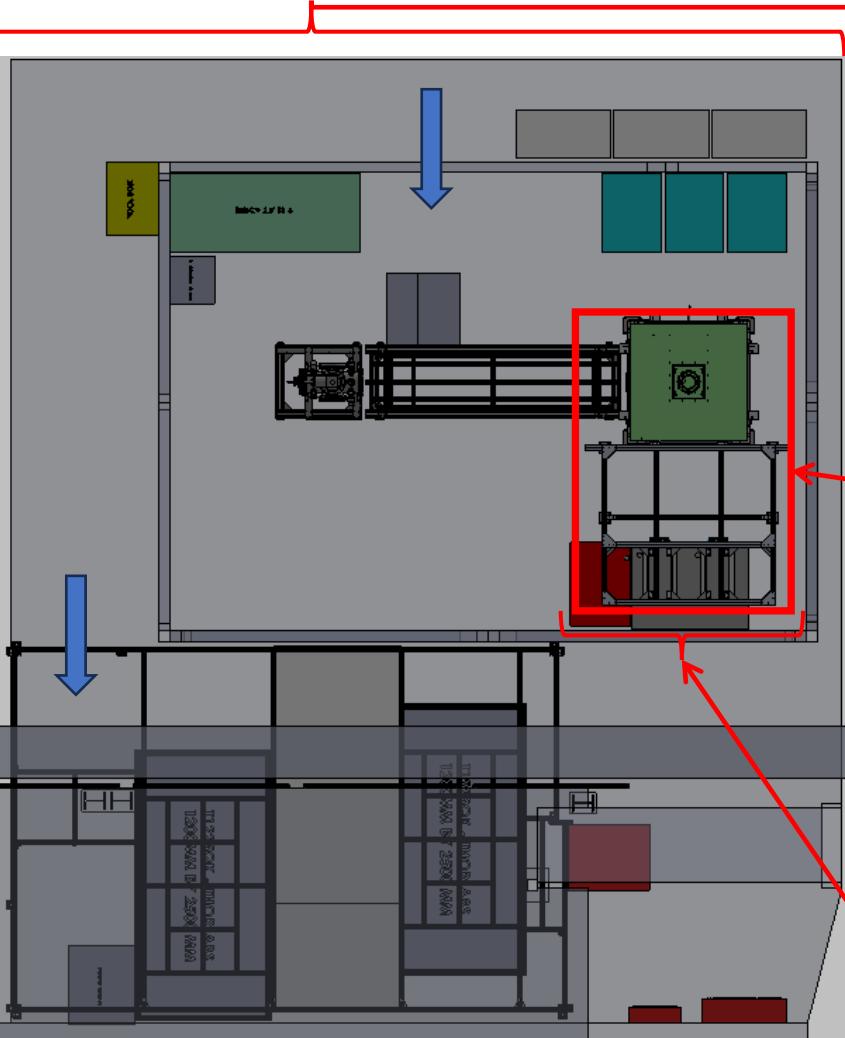




# HAICU TRIUMF Infrastructure status and schedule

Nicolas Massacret

February 09<sup>th</sup> , 2026



HAICU Experimental area: Top View

Electrical upgrade:

- Engineering drawings (2025)
- Installation (2025)
- NB: Electrical services to stamp the drawings (in progress)



Electrical upgrade

Traps Support structure:

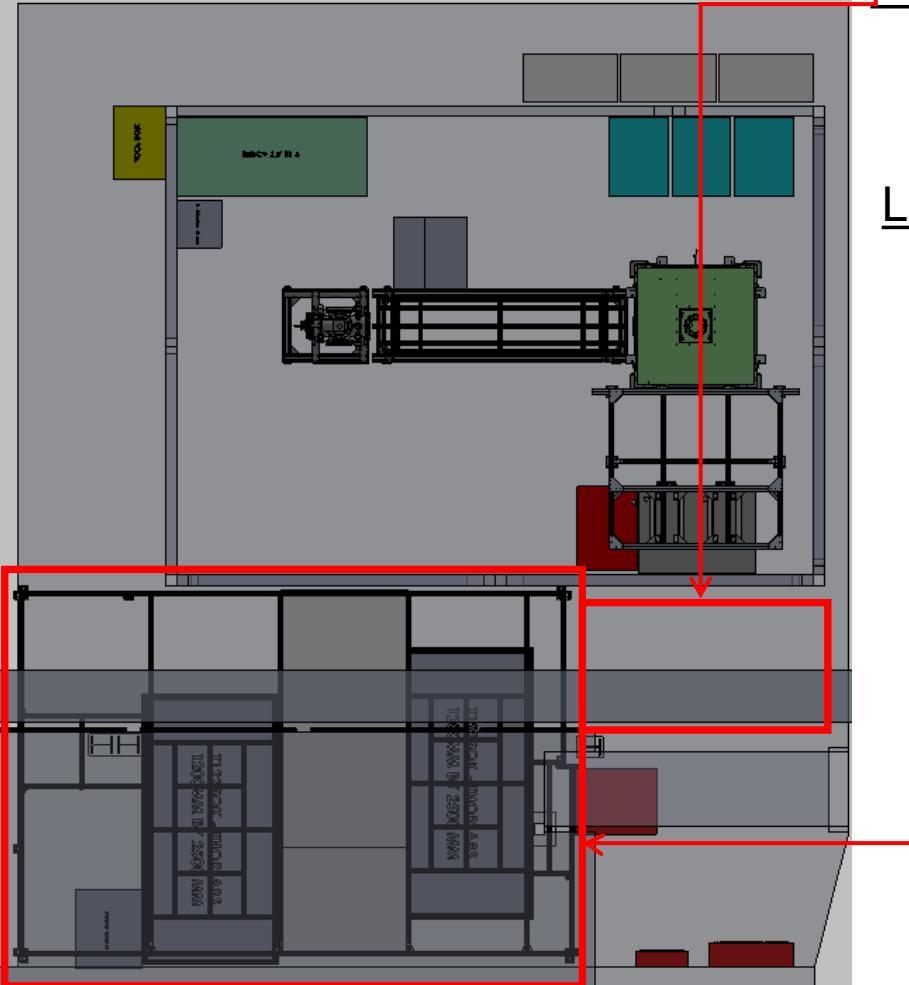
- Design (2024)
- Engineering approval and construction (2025)



Support structure

Traps Electrical services:

- Procurement (2025)
- Installation starting this month (not started)



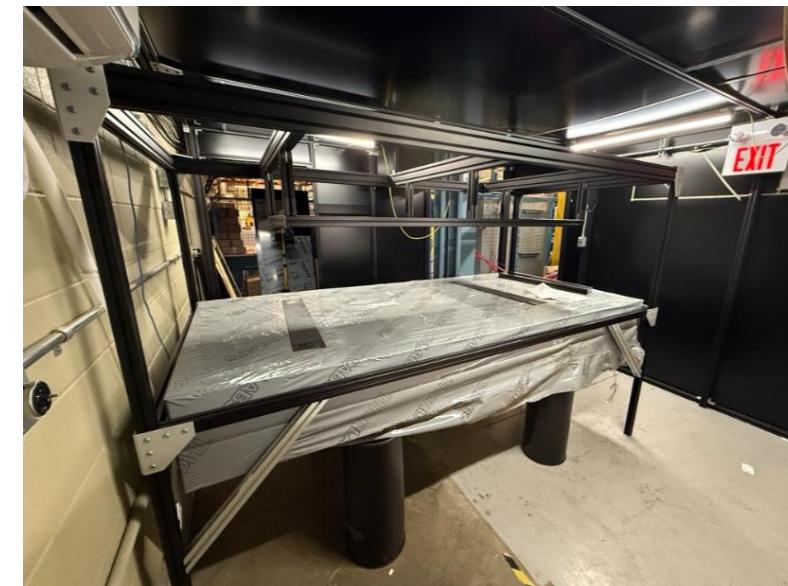
HAICU Experimental area: Top View

### Traps Water cooling:

- Water manifold starting this month (not started)
- No schedule for 10-15 l/s water supply (will start run with 5 l/s)

### Laser hut:

- Optical table installation (2024)
- Optical tables shelves (2025)
- Air conditioner system (2025)
- Room structure (In progress)
- Interlock system (Not started)



Laser hut: inside

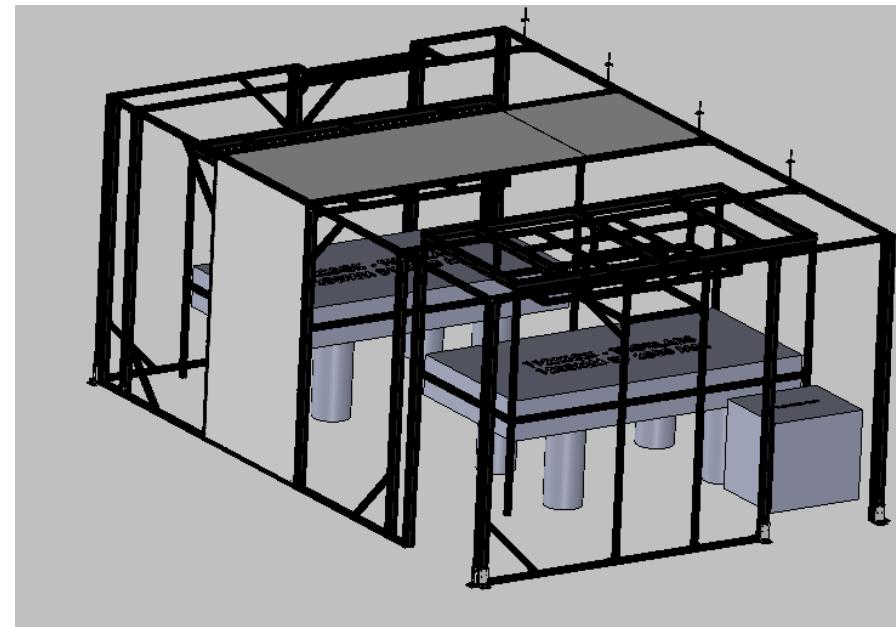
Laser room update:

2025:

- Room features triggered need of engineering review for seismic compliance (November)
- Refine requirements (no need of UBC permit) find contractor, and sign contract (December)

2026:

- Final drawings expected to be done in February.
- Modification of the room and review: end of March/early April (affected by parts procurement)

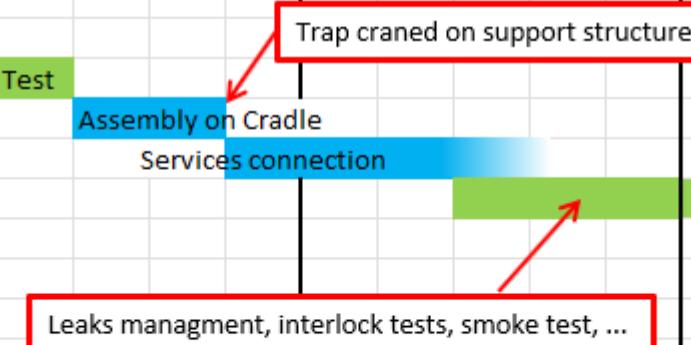


Laser hut

HAICU schedule		Month	January					February				March				April					May				
			Week #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Comment	Date	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####
Infrastructure																									
Laser Hut	Procurement risks																								
Power supply Cabling																									
Water Manifold																									
Trap																									
Coil																									
Quadrupoles	Quad #4 being repaired																								
Trap final assembly																									
Cradle services																									
Services commissioning	Trouble shooting																								



Magnetic trap: Assembly in progress



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