

CALGARY RADIOPHARMACEUTICAL CENTRE



In January 2024, Alberta Infrastructure and Alberta Health Services (AHS) presented the proposed Calgary Radiopharmaceutical Centre (CRC) located at the Foothills Medical Centre.

The facility will be home to Calgary's first and Alberta's third cyclotron to provide southern Albertans better access to diagnostic imaging and treatments for cancer, cardiac, and neurological conditions.

Through ongoing planning, the design of the facility has been reduced in size by approximately 260 square metres (or 2,800 square feet). The decreased size maintains the same height as previously presented and will allow for more trees to remain in the green space located east of the site.

To accommodate the reduction in facility size, portions of the heating, ventilation and air conditioning (HVAC) mechanical system have been moved to the rooftop. The facility design incorporates shielding this equipment from view at ground level.

Noise

Although the HVAC equipment has been moved to the rooftop, noise reduction solutions will be put in place to limit noise from reaching neighbouring communities. A noise impact assessment will be completed to confirm the facility is within acceptable City noise levels.

Construction noise will occur and will be minimized where possible to stay within City of Calgary noise bylaws.

Air particulates from isotope generation

Alberta Infrastructure and AHS are working to design this facility to meet the strict standards set by the Canadian Nuclear Safety Commission.

Producing isotopes is a routine process that is managed in a contained area with precision and strict operational control. Occasionally, small amounts of radioactive particles are released – using powerful, controlled dispersion technology. These particles pose no risk to the public and will have no radioactive attributes once the small amount of material reaches ground level. These systems will be regularly checked by AHS staff and adjusted to ensure everything runs safely.

As design and equipment choices are finalized, an air dispersion study will be conducted to ensure everything meets safety requirements. This study is expected to take place in fall 2024, and the results will be posted on the website.

Facility deliveries

The small loading dock area within the CRC will be designed to minimize impact to traffic circulation and noise. Delivery vehicles are not anticipated to have backup alarms, and the delivery frequency is anticipated to be consistent with the current delivery schedule.

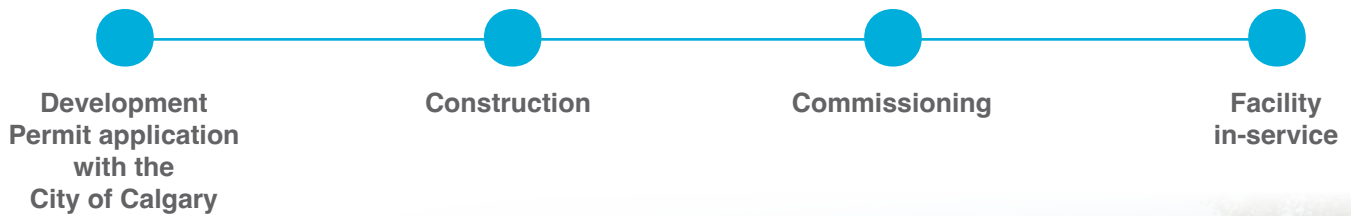
Community artwork

AHS is committed to working with local community members to discuss potential art installation at this facility following construction.



Upcoming Timelines

Timelines continue to be refined as the project progresses.



We encourage you to sign up for email updates and visit the project website for more information.

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