

CITY CENTRE PLACE

case study

In early 2008, C3 SPECIALTY GLAZING SOLUTIONS was awarded a contract to install a retrofit window system in City Centre Place (CCP). CCP is a fully occupied, 24 floor office tower located in downtown Edmonton, Alberta. The original construction of CCP was completed in 1974 and by 2008 the façade was a patchwork of replacement units.

The primary project scope of work by C3 SPECIALTY GLAZING SOLUTIONS included replacement of all 1800 insulated glazing units and rework of the spandrel area. All primary and secondary seals and expansion joints were detailed to optimize the long term performance of the building envelope by minimizing leakage and thereby maximizing energy efficiency.

The owners originally wanted to include a façade upgrade in the scope of work, but had eliminated it because of budget restraints. By preparing detailed renderings, C3 SPECIALTY GLAZING SOLUTIONS included replacement of all 1800 insulated glazing units and rework of the spandrel area. All was able to work with the client to choose a solution that modernized the look of the building, while still offering a competitive price.



ARCHITECTURAL UPGRADE

Various renderings were prepared for review. The selected look, achieved with the use of architectural coatings & snap covers, mimicked the look of stone panels in the adjacent building at a fraction of the price.



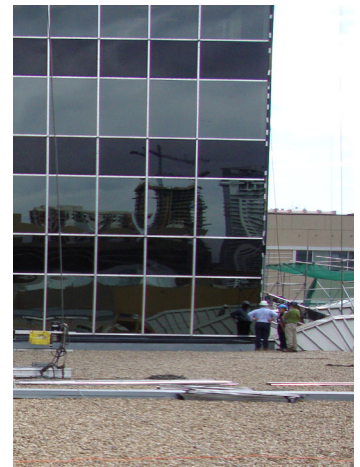
OCCUPIED SPACE

To maintain occupancy throughout the project, replacement of all insulated glass units was scheduled outside of regular working hours. Particular care was taken to ensure that the tenant spaces were not disturbed.



ACCESS RESTRICTIONS

City Centre Place is located in the high traffic downtown core of Edmonton, AB. Access to three elevations was limited to swing stages. As such, the majority of the new vision units were brought in through the building.



TECHNICAL CHALLENGES

An unexpected termination detail was encountered at the junction of the curtain wall system and the third floor roof area. A repair methodology was developed to resolve a water ingress problem in that area.



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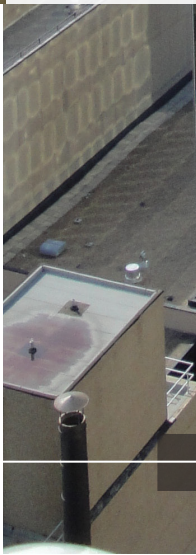
C3 Specialty Glazing Solutions assembled the team necessary to work alongside their hands-on, knowledgeable staff to ensure on time, on budget delivery with minimal disruption to tenants during replacement.



C3 Specialty Glazing Solutions is a full service contractor proficient in:

- Façade upgrades, including architectural renderings,
- Working in occupied space, and
- Diagnosing and resolving curtain wall issues.

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