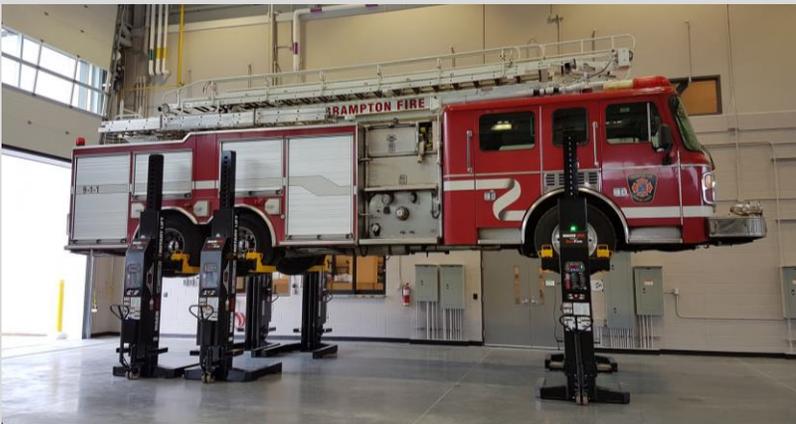


Brampton Apparatus and Maintenance Facility

City of Brampton / KNYMH Inc. / Strybos Barron King Ltd. / Brampton Fire & Emergency Services / Aquafor Beech Ltd.
52 Rutherford Road South, Brampton, Ontario

New Development



The City of Brampton and Brampton Fire Services commissioned a facility focused on specialized maintenance of their City-wide fleet of Fire Service Vehicles, within one centralized location; a unique project for not only the City but within the province.

Located on Rutherford, south of Queen East, this 32,400 sq.ft. facility is situated on the City's former works yard. With antiquated buildings and infrastructure removed, the site was left vacant until Brampton A&M was designed to transform an abandoned void in the industrial landscape and mend the fractured urban fabric. The design of the site satisfies both functional and operational requirements, including Apparatus and Maintenance Building, ancillary elements and parking for fifty-four (54). Paved areas accommodate the maneuvering of large firefighting vehicles.

Designed to achieve LEED Silver, the facility includes many sustainable components such as Low Impact Development for storm water management, passive solar-shading devices, PHEV charging stations, solar-thermal domestic hot water systems, rainwater harvesting, high albedo roofing, and more.

To maintain a pedestrian-friendly approach, a drought-tolerant landscape buffer was used and the facility oriented parallel to the street, with administration nearest the road and maintenance bays behind. The main entrance for employees and visitors, is connected to the municipal sidewalk to allow accessibility to public transit. Building orientation allows east to west sun exposure for administrative spaces throughout the day, while apparatus bays receive eastern exposure in the morning and ambient northern light, to maintain consistent indoor comfort levels. The character-setting design of the exterior facade offers a visually sophisticated, yet strong image, appropriate to a busy streetscape within a concentrated urban/industrial/commercial area. This project evokes civic pride through thoughtful architectural detailing; setting a design standard for future developments.