

Drain-Guard's Double Containment System Protecting Chinook Mall



Photo credit: Facebook - CF Chinook Centre, Calgary Alberta

The CF Chinook Centre in the heart of Calgary, Alberta offers 266 stores, restaurants and services, providing everything that Calgary shoppers and tourists are looking for. Covering over 1,355,000 square feet, the CF Chinook Centre also hosts a 16-screen theatre and 36 food vendors who support a 900-seat food court.

Busy food courts and theatres produce lots of fats, oils and grease (FOG) waste. Originally, each restaurant was required to install its own grease separator to prevent harmful waste from entering the sewer system. These separators require regular maintenance and emptying to avoid damaging overflow. Spillage into nearby retail sites comes at a high price: stores need to be closed, inventory is damaged, and cleanup is expensive.

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Brad Hopper
Hoover Mechanical

The CF Chinook Centre owners chose to centralize the disposal of FOG waste by running pipes from each restaurant to a single location. Jonathan Suisham, Mechanical Sales, IPEX worked with the engineering firm Smith & Andersen, to specify the Drain-Guard™ Double Containment piping system for this project. A double containment system permanently prevents damaging leaks. The owners knew that the benefit of installing a double containment system and its ability to prevent spillage into retail spaces would outweigh the cost premium.



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As the leader in thermoplastic piping systems, IPEX designs and manufactures the largest, most recognized and diverse range of integrated piping products – everything professionals need to manage the full spectrum of today's municipal, industrial, commercial and residential challenges.



Hoover Mechanical was in charge of installation. They had previous experience working with stainless steel double containment pipe, but this was their first experience with PVC double containment pipe. Suisham helped train the installers on-site so that the project installation went smoothly. Brad Hopper from Hoover Mechanical describes Drain-Guard as a “set-it-and-forget-it, rock-solid piping system. In the right application, you can't beat the additional security you get with double containment.”

The Drain-Guard Double Containment piping system provides the secure environment necessary for piping in vital areas of a wide variety of buildings, including hospitals, museums, historical sites, libraries, art galleries, theatres, data centres, restaurants, and arenas.

Drain-Guard uses System 15[®] and/or System XFR[®] as its primary components.

Drain-Guard pipe and fitting components are third party certified to CSA B181.2.

IPEX DWV products such as System XFR[®], System 15[®], MJ Grey[™] Mechanical Couplings and Drain-Guard[™] Double Containment have been providing solutions to Canadian mechanical customers for many years.

Consider IPEX's DWV Systems because they

- Meet all code requirements for noncombustible buildings,
- Provide rugged reliability with the added benefits of PVC,
- Are easier to handle and install than the metal counterparts,
- Are very durable, resisting corrosion and requiring virtually no maintenance,
- Lead to substantial cost savings, both now and in the future.