

MODULAR BUILDING OF THE MONTH

CHANGING THE WAY THE WORLD BUILDS
GREENER. FASTER. SMARTER.



July



Greyhound Bus Terminal



Permanent Retail or
Hospitality
FIRST PLACE

Permanent Modular Construction: Retail or Hospitality

Location: Seattle, WA

Total Square Feet: 2,977

Time to Complete: 137 days

Company: Modern Building Systems, Inc.

This newest jewel with Greyhound Bus Lines is a very modern inter-modal terminal just opened in Seattle, WA. The client wanted extremely heavy-duty building specifications in order to stand up to the number of customers using the facility daily, and desired very low maintenance too. To that end, the exterior featured heavy-duty metal AWIPS insulated panels on the roof mansard and building exterior. The interior showcased stained and polished concrete floors, providing attractiveness and unmatched durability. Both restrooms featured ceramic tile walls and floors, providing excellent product durability while adding color and vibrancy to the interior. All high-traffic areas used high-impact wall wainscoting to help deter vandalism. Other institutional-grade items included U.S. Postal-grade exterior "bump-doors", cabinetry with solid-surface countertops, plus solid Phenolic restroom partitions and continuous hinges to better handle the high-usage demands at the facility.

This new bus terminal utilized a wide-range of environmentally friendly, energy-saving features, inherent with today's modular construction. The structure's building shell boasts a reduced heat-loss co-efficient due to the use of insulated metal wall panels with building insulation (R45 rating). This was in addition to the R38 insulation in the roof and rigid insulation under the floor. This new structure also utilized high efficiency, electric, roof-mounted heat-pumps, insulated low-e windows and doors, the latest in moisture and air-infiltration building wraps, plus occupancy sensors for florescent lighting. The construction process utilized a substantial number of recycled composite materials whenever possible for superior efficiency, including zero waste streams on-site and in the factory.

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