HALF MOONE
CRUISE AND CELEBRATION CENTER

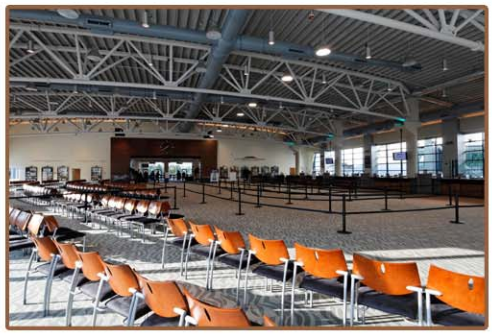
JONATHAN WALKER
LIGHTING / ELECTRICAL

PROJECT INFORMATION
LOCATION: 111 Waterside Drive, Norfolk, Virginia
PROJECT SIZE: 89,246 Square Feet
FLOORS: 2
BUILDING COST: $21 Million
CONSTRUCTION TIME: August 2005 - March 2007
DELIVERY METHOD: Design - Bid - Build

ARCHITECTURAL DESIGN
Constructed on a concrete pier, the building's facade is concrete, blue vertical-ribbed metal, and various window systems with a metal roof. The terminal enhances the cruise passenger experience by providing a larger, multipurpose space.

STRUCTURAL SYSTEM
The building is constructed on top of a concrete pier. Various load bearing and non-load bearing concrete walls work with concrete columns to support the structure. Seven supertrusses span spaces up to 117 feet wide.

PROJECT TEAM
OWNER: City of Norfolk
ARCHITECT: BEA International
MEP: Clark Nexsen
STRUCTURAL: BEA International and Clark Nexsen
CONTRACTOR: S.B. Ballard Construction Company



ELECTRICAL SYSTEM
The 3,000A main switchboard is 480Y/277V. A generator backs up particular panels and transformers convert 480V to 208Y/120V when needed. Fluorescent, Halogen and Metal Halide lamps are common, and the Lobby features a large, pendant custom luminaire. Colored LEDs accent the supertrusses.

MECHANICAL SYSTEM
Five Air Handling Units heat and cool the space with a Variable Air Volume system. Two boilers and two chillers are in the Mechanical Room.

CONSTRUCTION
The Base Bid Lump Sum for the building includes the Main Terminal Building, Pedestrian Bridges, Entry Pavilionand Site Work.