

# CASE STUDY



**ELZINGA  
&  
VOLKERS**

CONSTRUCTION PROFESSIONALS

## Holland Hospital – Behavioral Health Unit

Holland, MI

### Project Team

Owner: Holland Hospital

Design Team: Matthei & Colin Assoc. and FTC&H

### Project Awards and Recognition

2010 Winner of the Associated Builders and Contractors Award of Excellence for Medical Renovation

*“I thought it was important to let you know how appreciative we are of the great job they are doing. Several of our clinical staff have commented to me on how impressed they are with the E&V team. We recognize the challenges you face working in a hospital but your team make it look easy. I continue to hear from other contractors who claim they know the healthcare business but your organization proves it every day through your high level of professionalism and the quality of your work.”*



~ Michael Parker

Director of Facilities and Construction



### Project Details

Acute Care Renovation

12,000 Square Feet on One Floor

Completed in summer of 2010

Unique Challenges	Solutions
<b>Patient Safety and Security</b>	Unique details and specialty products combined careful executed construction and high attention to detail.
<b>Construction Adjacent to Acute Care Spaces</b>	Off hours work and close communication with adjacent hospital areas.

### Project Overview

In 2008, Holland Hospital began work on replacing its aging Inpatient Behavioral Health Unit. With significant changes to models of care and building regulatory codes, the hospital needed a Construction Partner that was not only high skilled at acute care renovations, but could also find creative solutions to ensure patient and staff comfort in a safe and secure environment.

The existing sixth floor of the main hospital bed tower was chosen as the new location for the Behavioral Health Unit. Previously the critical care unit, the area needed to be completely demolished before renovations could start. Careful planning and communication was needed to minimize disruption to the occupied floors below and traffic in the elevators, which were used to remove debris.



Utility relocations on the floor below were closely coordinated with both patient comfort and hospital census taken into consideration. Elzinga & Volkers and their subcontractor team remained flexible and adapted to room availability to work hours to get the rough in work completed on pace with the progressing work on the sixth floor.

A low floor to floor height made coordination of above ceiling utilities challenging. Even with the integration of a high pressure air system, Elzinga & Volkers and their subcontractors held regular above ceiling planning meetings and utilized paint and other markings to clearly communicate above ceiling utilities and minimize costly rework and time consuming conflicts.

As the project progressed into the architectural finishes, the project team was presented with many unique details and situations where standard building products did not provide the level of patient safety required for psychiatric care. A few of the many unique features that were installed on the project include 4 layer, safety glass windows, recessed electrical devices boxes, breakaway wardrobe hooks and custom sink faucet "fins" to protect against attachment.

Other features of the new 12-bed unit include private and semi-private patient rooms, three large group therapy rooms, three psychiatric intensive care rooms, two rooms for geriatric patients, a seclusion room and a unique "sensory integration room," which offers a soothing environment and relaxation tools for patients working on effective self-care techniques.

Elzinga & Volkers brings high level of care to every project that it manages. The Behavioral Health Unit at Holland Hospital challenged our team to find creative solutions and understand the end user of the new space. Through the diligent work of our project team, Elzinga & Volkers delivered a successful project that is now viewed as a model for all new acute psychiatric units of its kind.



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