

# Seneca Allegany Casino - Hotel Addition

Salamanca, NY



## General Information

<b>Function:</b>	Casino/Hotel
<b>Height:</b>	11 Stories, 153 Ft.
<b>Size:</b>	165,000 Sq. Ft.
<b>Construction:</b>	Late 2007 - Fall 2012
<b>Construction Cost:</b>	\$40 Million

## Structure

<b>Foundation:</b>	Concrete strip and spread footings on steel piles driven to bedrock
<b>Superstructure:</b>	Composite metal deck on steel frame; diagonal bracing in N-S for wind; moment connections in E-W for seismic

## Project Team

<b>Owner:</b>	Seneca Nation of Indians
<b>Architect:</b>	JCJ Architecture
<b>Structural/Civil:</b>	Wendel
<b>MEP:</b>	M/E Engineering P.C.
<b>CM:</b>	Seneca CM Corporation

## MEP

<b>Mechanical/Plumbing:</b>	3rd Floor - 2 VAV AHU's 12,000 cfm, boilers and water pumps Roof - 1 VAV AHU 14,000 cfm
<b>Lighting/Electrical:</b>	480/277V 3 phase, 4 wire - Equipment 208/120V 3 phase, 4 wire - Data/Security 120/277V CFL, LED, Fluorescent



Hotel Room Rendering

## Architecture

The SAC Hotel addition ties into an existing 11-story hotel tower, reproducing the precedent insulated glass façade. This allows for plenty of natural day-lighting. The lower 3 levels consist of insulated metal panels backed by metal framing studs.