

Robert Fraga



Assistant Commissioner for
Capital Construction Program Management
U S General Services Administration
Public Buildings Service

GSA

General Services Administration

Public Buildings Service

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Assistant Commissioner
for
Capital Construction Program
Management



Public Buildings Service

- Over 8,500 Assets
- 340 Million Rentable SF
- \$8 Billion Annual Budget
- House 1 Million Federal Employees
- 60 Different Agencies



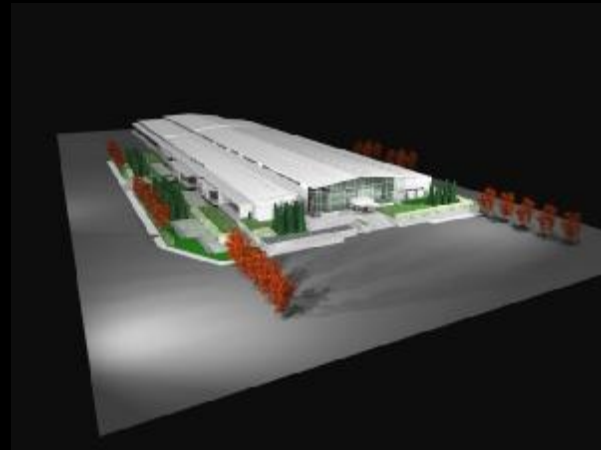
PBS Inventory



Office Buildings



Courthouses



Warehouses



Land Ports of Entry

Challenges Facing the Organization

- Increased Security Requirements
- Rising Energy Costs
- Cost of Construction Materials
- Changing Customer Requirements

Challenges Facing the Organization

Challenges can be the stimulus for creative ideas and new technological development.

Example - Security



U. S. Courthouse – Seattle, WA

Example - Security



U. S. Courthouse – Gulfport, MS

Decision Support Tool

- Helps Customers Make Informed, Rational Security Decisions
- ID Security Gaps
- Aligns with Interagency Security Committee Design Criteria

Sustainable Design



Green Planted Roof – Suitland, MD

Sustainable Design



Photovoltaic Farm – Suitland, MD

Building Information Modeling

- Plan & Mitigate Risk
- Identify Gaps in the Design Phase
- Identify Whether Designs Meet Specific Objectives and Criteria
- Identify Problems with the Project Budget
- Communication Tool for Customers

BIM - Pilot Project

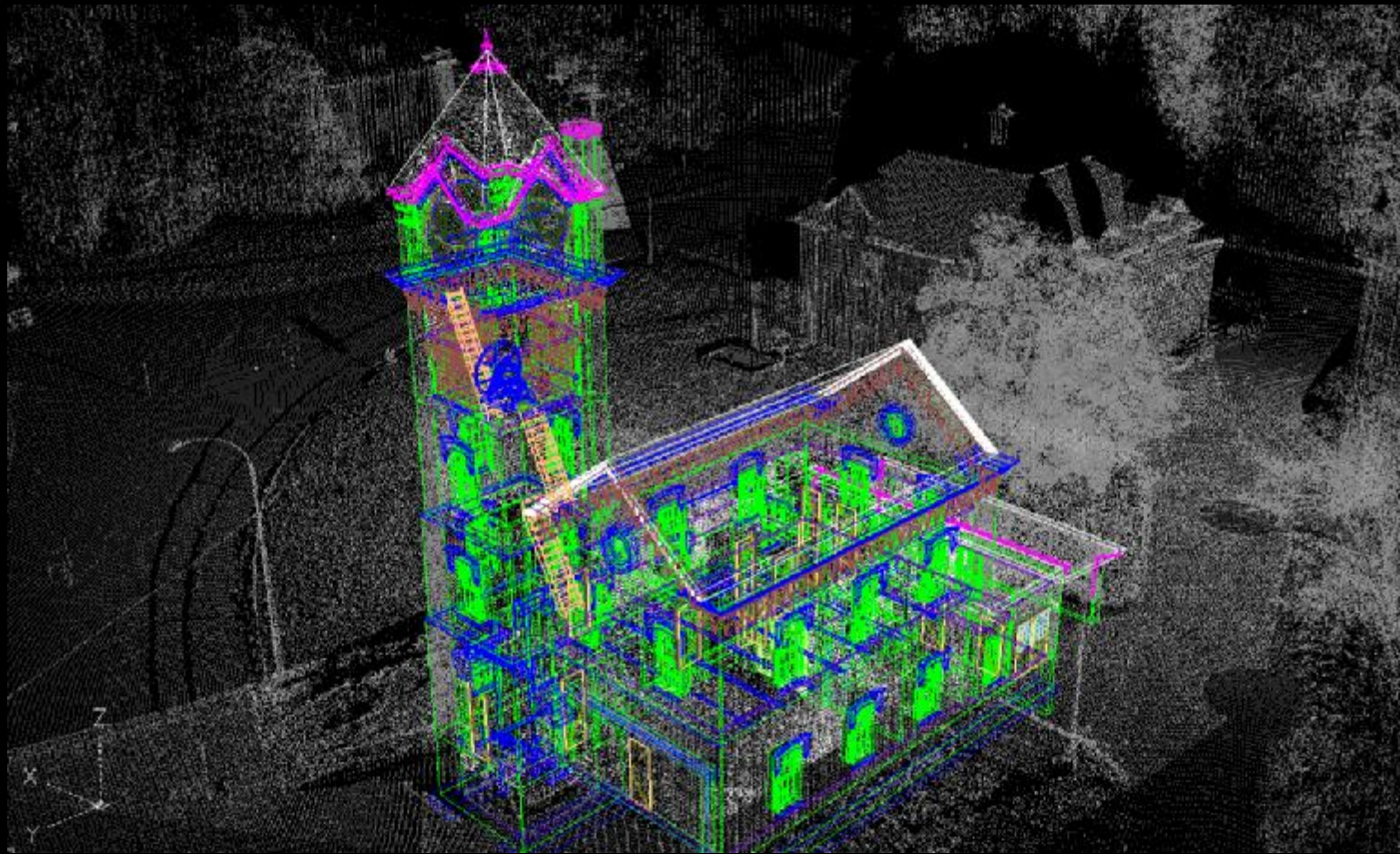


U. S. Courthouse – Portland, OR

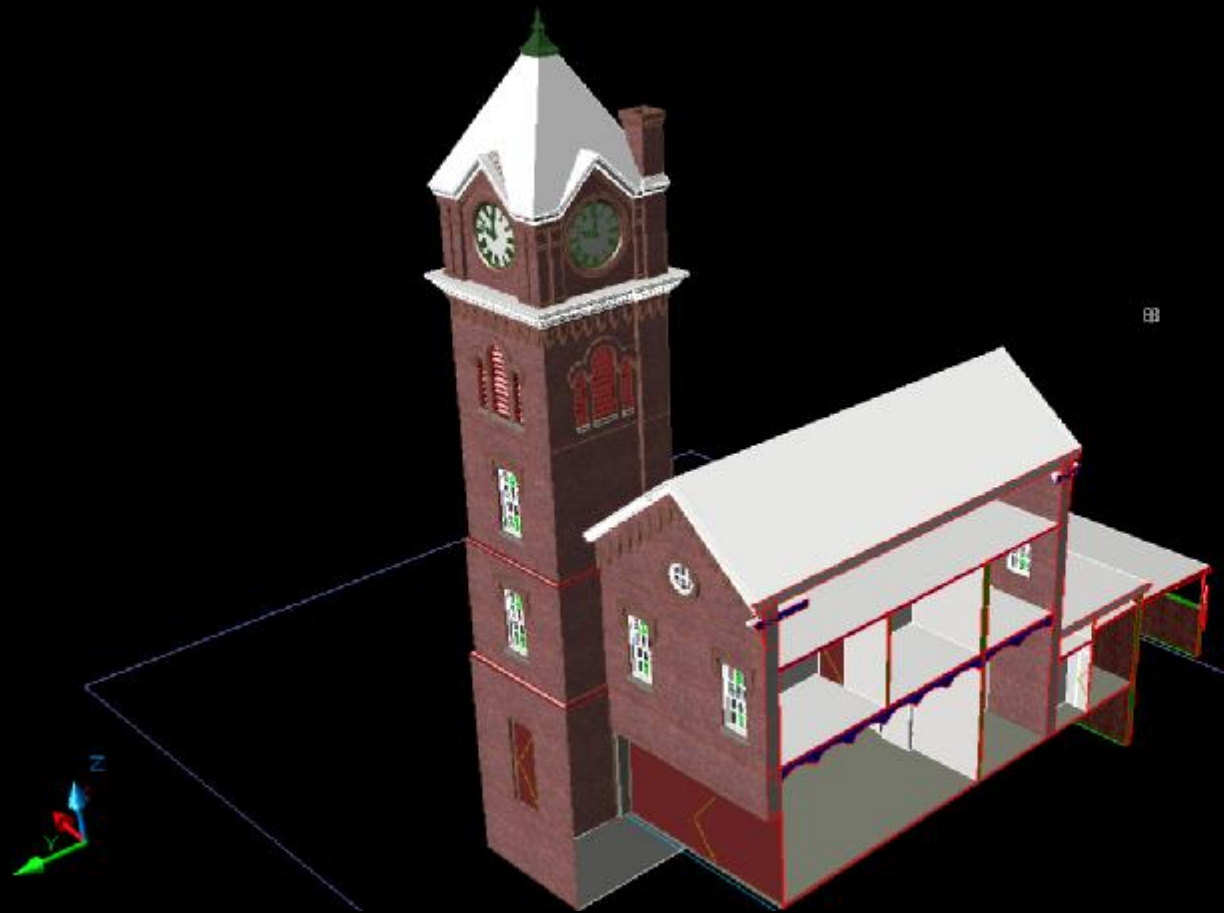
St. Elizabeths Campus – Fire House



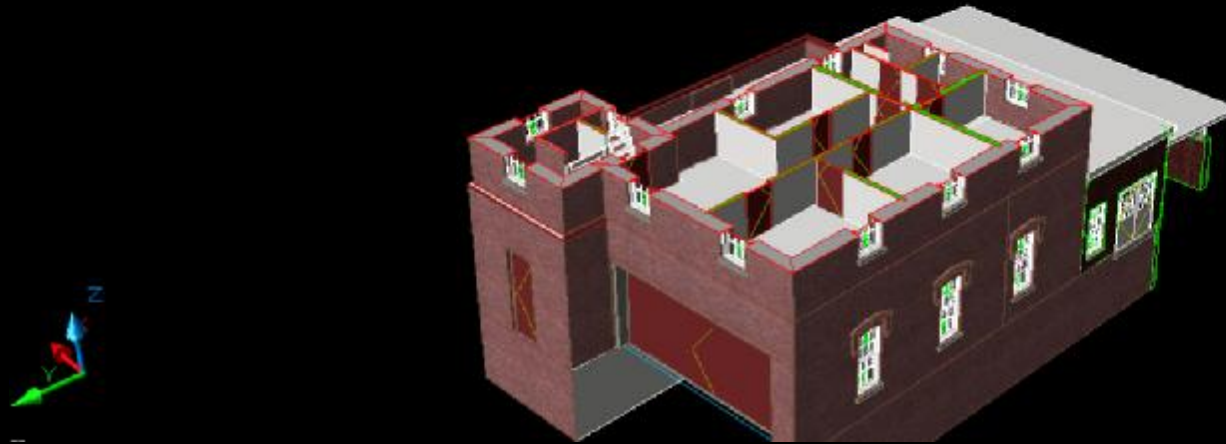
BIM - St. Elizabeths Campus



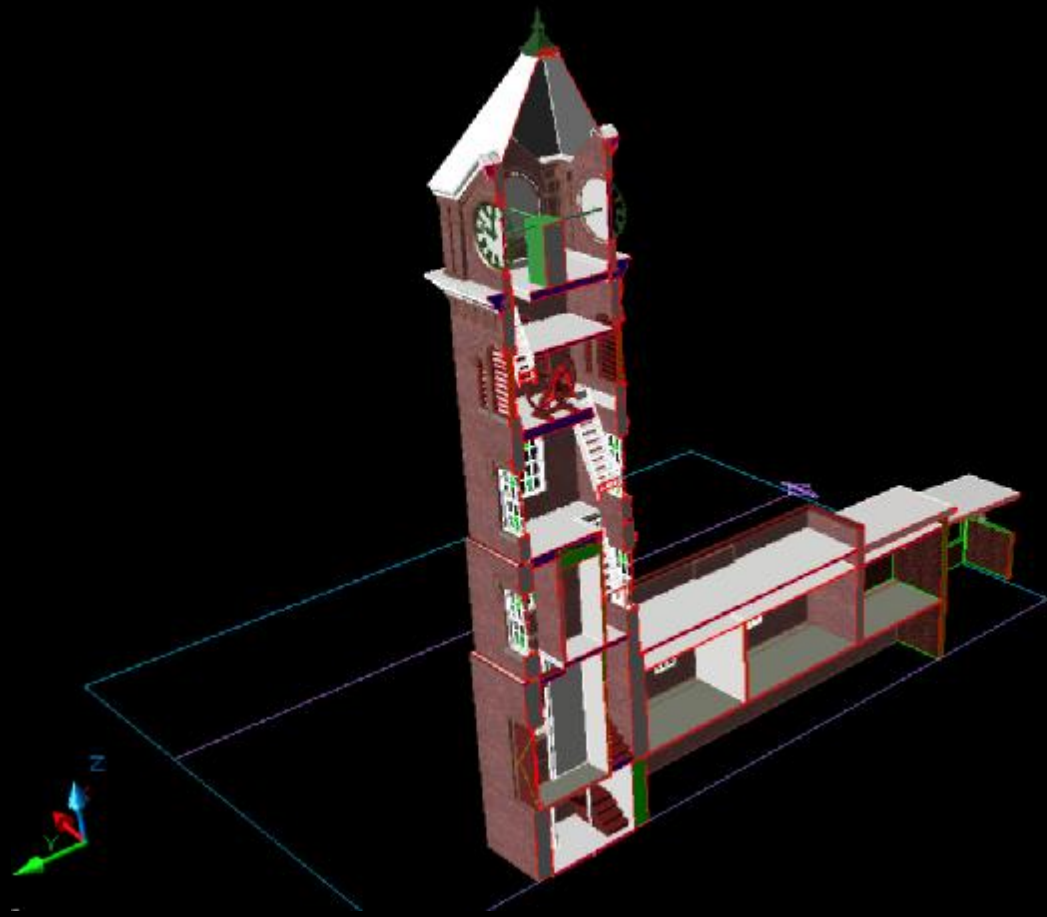
BIM - St. Elizabeths Campus



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