

Nassau County 911 Call Center Yulee, Florida



Client/Contact:

*Nassau County Board of
County Commissioners
Contact: Bob Knott, P.E.*

Location:

*77079 Robert E. Williams Drive
Yulee, Florida 32097*

Project Size:

5290 SF

Completion Date:

October 2015

Construction Cost:

1,920,000.00

Consulting Engineers

Civil: Gillette & Associates

Structural: Atlantic Engineering Services

Plumbing: Gillette & Associates

Mechanical: Gillette & Associates

Electrical: The Ohmega Group, LLC

Fire Protection: Neptune Fire Protection, Inc.

The Call 911 Center Building is physically attached to the Emergency Operations Center for Nassau County, however, due to its security requirements is a separate, secured access facility.

The Call Center is compliant with the State of Florida requirement for adherence to NFPA 1221 Communications Centers. The exterior walls, doors, door frames, windows and glass are compliant with Level IV ballistics resistance-a 30 caliber rifle shot. Several levels of security are required: The Entry Lobby is comprised of hardened wall and ceiling with card access required beyond. The Call Center itself is also secured within the interior functional building.

The roof is Coal Tar Modified Bitumen roof over rigid insulation and light weight structural concrete on structural metal deck supported on structural steel columns, framing and joints. The new roof structure is sloped away from the existing building parapet wall to new gutter and downspouts at the new north wall.

Two redundant HVAC systems are designed to serve both computer areas with under access floor conditioning and room conditioning for typical needs. The backup generator and mechanical equipment are located in a secured enclosure of CMU walls and steel roof framing with mesh fabric.

