



**PINELLAS COUNTY PUBLIC SAFETY COMPLEX
PINELLAS COUNTY SHERIFF'S OFFICE**

Overall:

- The cost of the project is approximately \$81.4 million; paid for by Penny for Pinellas funds.
- The new facility is 218,403 square feet in size.
- The project is on 29.99 acres of a 41.70 parcel.
- Over 60,000 cubic yards of dirt was trucked in to raise the foundation 5 feet before the structure went up.
- The facility is located in a non-evacuation zone and built to withstand Category 5 hurricane winds up to 203 miles per hour.
- All windows will meet Category 5 impact loading.
- The parking garage has 677 spaces.
- The exterior parking lot will have 566 spaces once the old Sheriff's Administration Office building is demolished and paving has occurred.
- The building was designed for an emergency capacity (EOC activation) of approximately 700 people.
- The building is equipped with a well as an emergency water supply.
- There are 23,000 gallons of sanitary sewer storage available.
- All incoming utility services are fed from two directions for redundancy.
- The roof is a redundant system (double roof) to prevent leaks caused by storm impacts.
- There are two 2.5-megawatt generators for the facility; one will run the facility while the other serves as a backup.
 - The fuel supply will carry the facility, at full capacity, for 96 plus hours.
 - Additional fuel supplies are stored at the facility to resupply the generators.
- There are 126 miles of copper data cable installed.
- There are 8.7 miles or 46,000 feet of fiber optics.
 - The quantity of fiber optic cable links installed could simultaneously transmit 58.8 petabits per second - that's 58.8 quadrillion (58,800,000,000,000,000) bits per second.
- There are more than 300 miles of electrical wiring.
- 1,800 gallons of paint cover the exterior and 2,700 gallons cover the interior walls.
- The Central Energy Plant design allows for the future expansion of additional chillers and generators.
- The new Sheriff's fleet maintenance garage has up to 11 repair bays; the former garage had seven.



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First Floor:

- Kitchen with walk-in refrigerator and freezer as well as dry goods storage
- Designated space for refrigerated trailer parking and tie down to ensure adequate supplies
- Outside vendors will be selected to run the dining facilities
- During emergencies, infirmary will be staffed by Sunstar paramedics
- Laundry room available for response workers

Second Floor:

- Emergency Management Department
- 118 desk positions in the Emergency Operations Center
- Four break-out rooms for meetings adjacent to the Emergency Operations Center; up to 12 people each
- Two conference rooms with teleconferencing equipment (Executive Policy Group and Federal/State)
- Media Room with nine fully functional workstations; to be assigned to media outlets
- PIO Room with eight workstations
- Logistics Section with capacity for 14 workstations
- Citizens Information Center with a capacity for up to 32 people per shift
- Radio Room for Auxiliary Communication Services (ACS) with seven workstations
 - ACS's mission is to provide backup communications, including emergency shelters
- Storage for all communications equipment for shelters as well as public education and outreach materials and other various supplies

Note: The old Emergency Operations Center located at 400 S. Fort Harrison Ave. in downtown Clearwater will remain a 'warm site' for the rest of this season before being dismantled and repurposed



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Third Floor:

- Pinellas County's consolidated Regional 9-1-1 Center
- Primary Public Safety Answering Point (PSAP) for all of Pinellas County
- In 2013, telecommunicators answered 561,882 calls.
 - 68.5 percent were from wireless phones and 31.5 percent were from landline phones.
- It is anticipated that the telecommunicators will answer over 1 million calls the first year.
- Pinellas Regional 9-1-1 telecommunicators will process 9-1-1 calls for Fire, EMS and Sheriff.
- Pinellas Regional 9-1-1 Center transfers 9-1-1 calls to the following agencies: Clearwater Police, Largo Police, Pinellas Park Police, St. Petersburg Police, Tarpon Springs Police.
- 63 Positions, accommodating four agencies
 - Pinellas County Regional 9-1-1 (9-1-1)
 - 2 / 9-1-1 supervisors
 - 27 / 9-1-1 telecommunicators
 - 8 / Fire-EMS dispatchers
 - Pinellas County Sheriff's Office (PCSO)
 - 2 / PCSO supervisors
 - 7 / PCSO dispatchers
 - 3 / Switchboard teletype
 - Intelligent Transport System (ITS)
 - 2 / Traffic control (for activations only)
 - Sunstar (move in estimated by January, 2015)
 - 2 / Sunstar supervisors
 - 10 / Sunstar dispatchers



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Sheriff's Administration Features:

Consolidation:

- 8 units comprised of almost 100 employees previously spread throughout Pinellas County have been consolidated and moved to the new SAB. This consolidation has enhanced operations and created a cost savings by moving staff out of rented facilities.
- Deputies now have on-site access to training equipment such as
 - A full mat room to practice defensive tactics
 - A 6 station armory to clean and maintain firearms
 - 2 – 50 person capacity classrooms
 - Multipurpose Read-Off room with seating for 66 – previously there was not a single room in the SAB that could accommodate training for this many people.
 - A computer lab with training space for 40 – more than double previous capacity
- Now capable of housing emergency equipment to prevent damage during the height of a major disaster.

Security/Convenience/Privacy:

- Magnetometers will now be utilized at the front doors for enhanced security.
- A separate Patrol window with adjoining private meeting space is now available in the foyer to receive paperwork from the State's Attorney Office, other agencies, process servers, etc.
- Interview rooms are now located in quiet location providing privacy for witnesses and victims.
- Human Resources and Records, who regularly respond to citizen requests, are now accessible to citizens via a separate entrance.



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Radio Shelter/System:

- This is a Category 5 equipment shelter and radio tower adjacent to the Public Safety Complex
- This shelter contains critical components of the countywide radio system.
- A second master and prime site has also been installed to provide redundancy with the equipment located at the Sunstar facility.
- Additionally, a 20-channel stand-alone radio site has been erected to provide for countywide radio coverage to mobile radios in the event a catastrophic event damages the main radio system.

Data Center:

- Home for over 300 of the county's enterprise applications such as OPUS, Justice, CHEDAS and GIS
- 3,800 square foot high efficiency state-of-the-art Data Center
- Secured access including FDLE requirements
- 5 computer room A/C units
- 8 Power Distribution Units (PDU) (2 per every 2 rows)
- Siemens Modular Bus Bar overhead power
- 88 extra deep/wide racks with Intelligent Monitored dual PDUs
- Highly efficient rack cooling through hot air return plenum that allows for much higher heat loads per server cabinet.
- Network features include:
 - Redundant network infrastructure for high availability
 - Redundant internet service providers and wide area network providers with multiple entrance capabilities
 - Multi 10Gbps backbone for increased throughput
 - Over 1,000 active network access ports
 - 125 access points providing wireless connectivity throughout the building
 - 2,000 strands of fiber terminated
 - 5,000 jacks of Cat6a data cabling
- High-Density Computing Design features include:
 - Standardizing on Cisco Unified Computing System (UCS) server platform allows for a much higher density of servers per cabinet. Cisco UCS unifies network, storage and server communications into a single fabric.
 - Combined with the use of virtualization technologies it is possible to support thousands of servers in a much smaller footprint.
 - New UCS design significantly reduces cabling which is more efficient, easier to troubleshoot and cost effective.
 - New Data Center enables the strategic vision of deploying "County Cloud" service offerings to County and other local government agencies.



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