



2012 Academy of Architecture for Justice
October 12, 2012

IN TRANSITION...BALANCING COMMUNITY AND LAW ENFORCEMENT

CASE STUDY : RESTON DISTRICT POLICE STATION AND
GOVERNMENTAL CENTER



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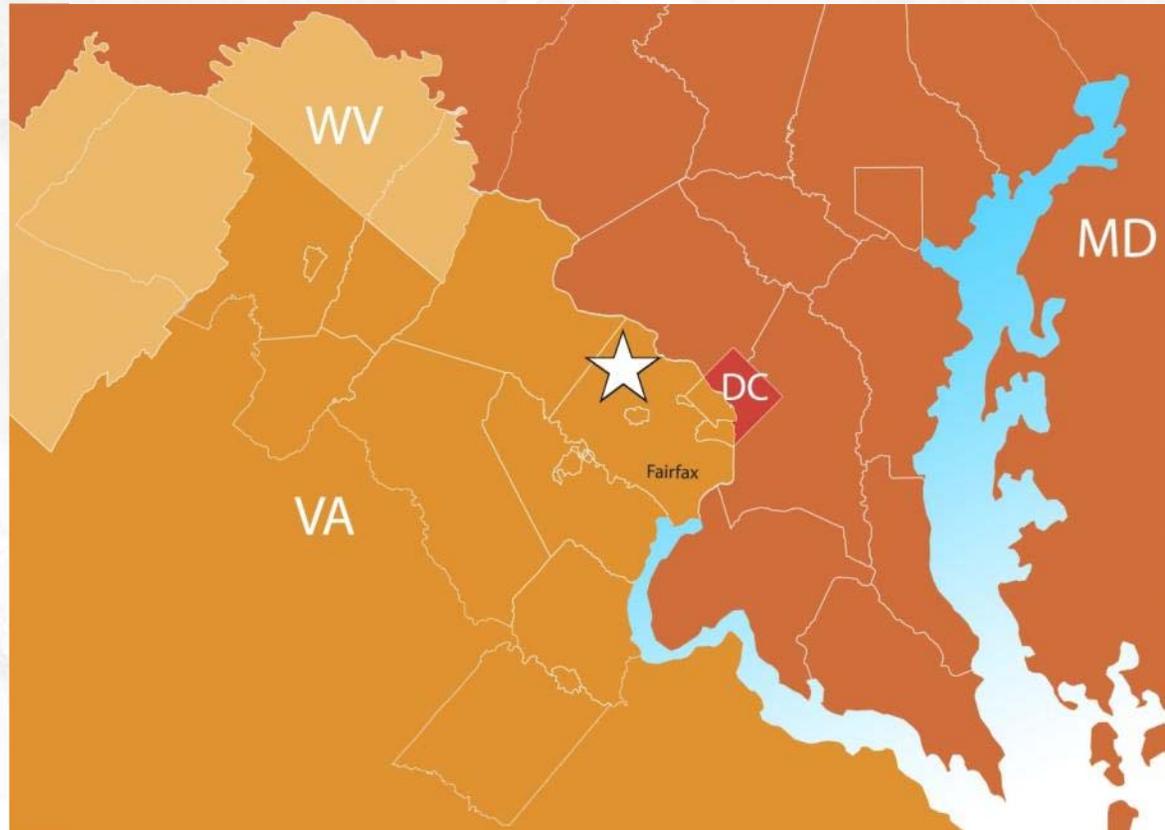
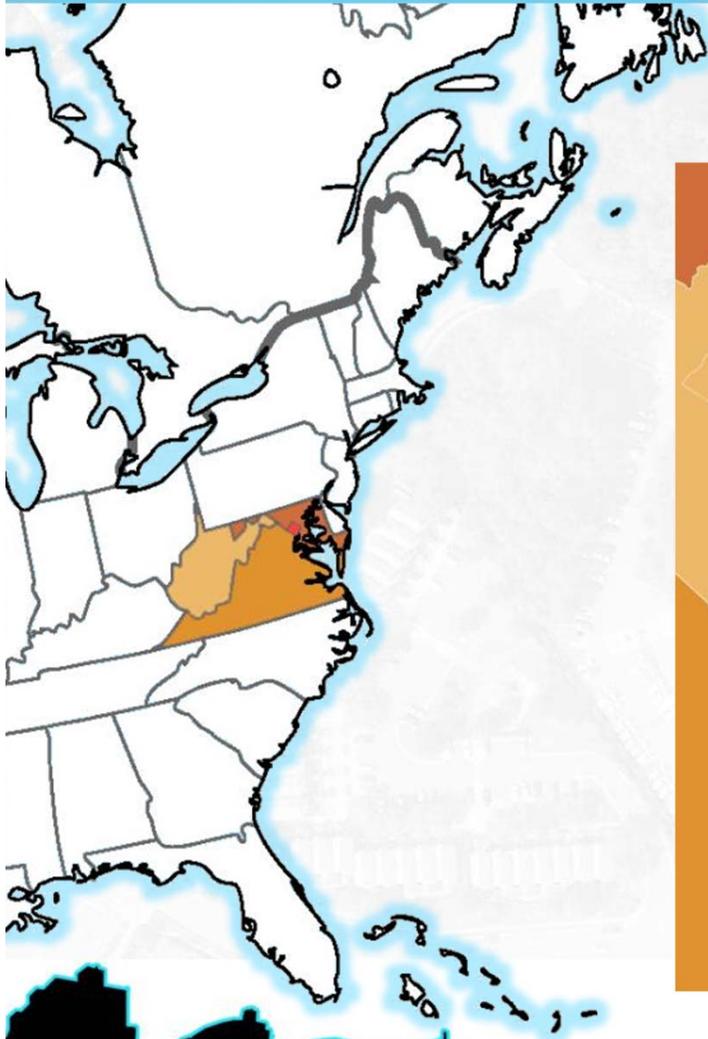
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AECOM

- 1. This case study will explore the challenges and successes of community-involved design and how an engaged public helped to successfully inform its surroundings for a new police station and government center.**
- 2. Participants will learn the value of open dialogue amongst the client, users, community and designer and how this open process and transparency in planning led to realizing/capturing the greater master plan and vision of the community.**
- 3. Participants will learn how site conditions became opportunities when developing building approaches, entrances, and security for the two distinct building users.**

- 4. Participants will learn the construction challenges in locating the building on the site and phasing construction in order for a 24 hour operation to remain secure and functional during construction**
- 5. Participants will learn successful tactics for building consensus among all stakeholder and community groups throughout the life of the project.**

- **The community of Reston, Virginia, United States**
- **The Development History of Reston**
- **Planning for the Future of Reston**
- **Balancing Future Opportunities with Current Infrastructure Needs**
- **Community Involvement and Consensus**
- **Proposed Reston District Police Station and Governmental Center**
- **Sustainable Development**
- **Trends for a 21st Century Law Enforcement Facility**
- **Questions**

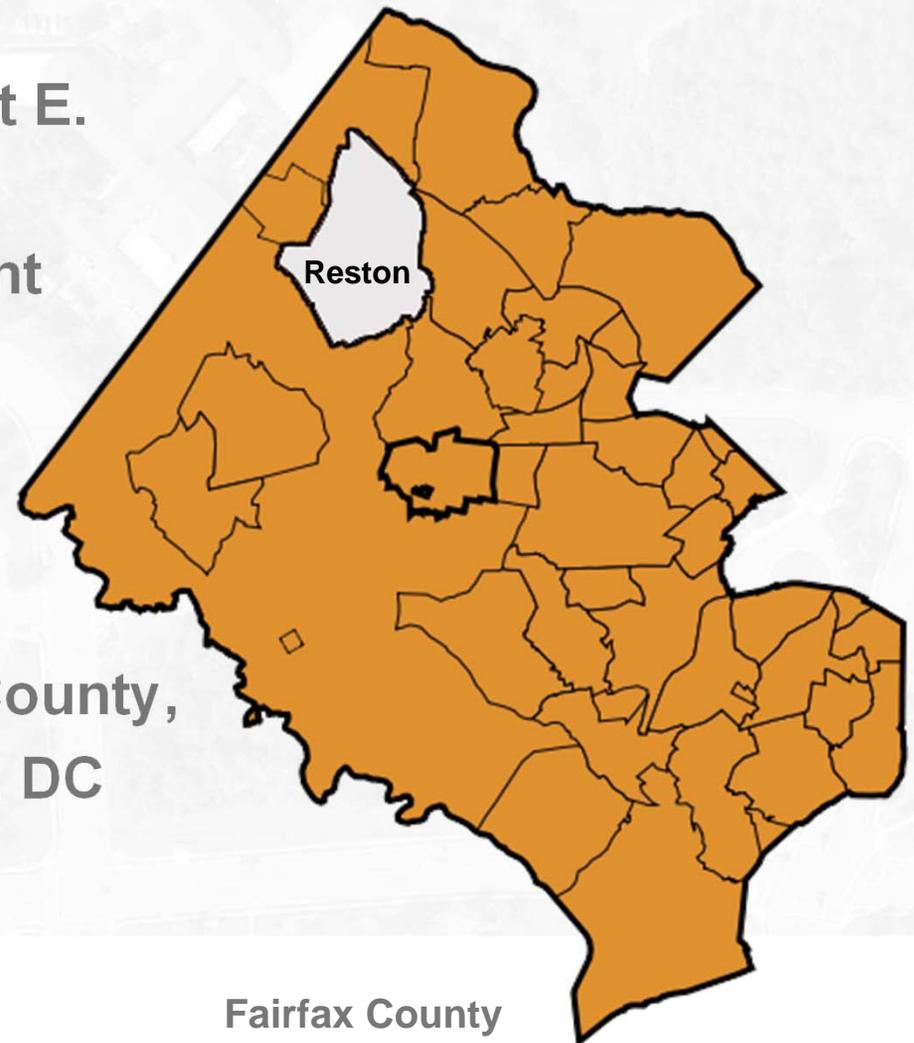
RESTON, VIRGINIA, U.S.



Reston District Police Station and Governmental Center

THE DEVELOPMENT HISTORY OF RESTON

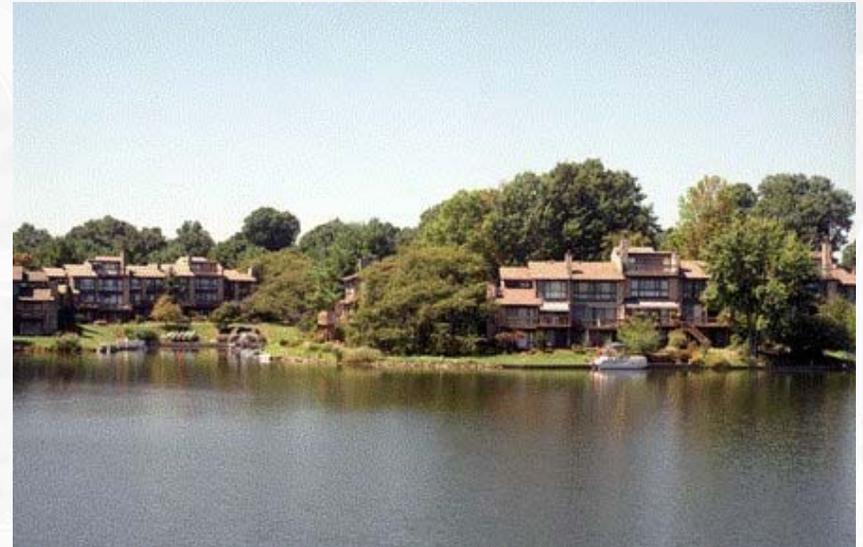
- Founded by developer Robert E. Simon in 1964
- Master plan by James Rossant (Whittlesey & Conklin)
- Situated on 6,750 acres
- First modern-era planned community in U.S.
- Located in northern Fairfax County, 18 miles west of Washington, DC
- Population of 65,000



Fairfax County

THE DEVELOPMENT HISTORY OF RESTON

- Planned before “new urbanism” principles
- Extensive path system
- Mixed use development



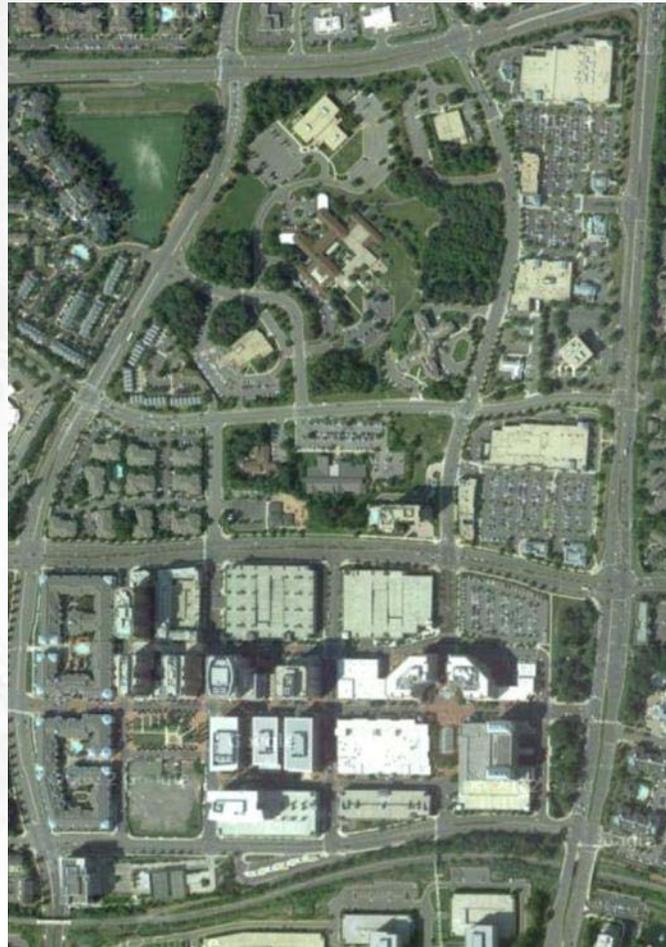
- Reston Town Center



- Reston Town Center – RTKL, 1990



THE DEVELOPMENT HISTORY OF RESTON



Reston District Police Station and Governmental Center

PLANNING FOR THE FUTURE OF RESTON



- Strategic planning for future development and growth
- Infrastructure requirements

- Active engagement of ALL stakeholders
- Balancing current needs vs. future opportunities



TASK FORCE SUB-COMMITTEE MASTERPLAN



- Maintain a street grid system
- Develop Town Center North into a more urban space
- Create large usable green space to serve as a center piece for Town Center North
- Maintain Governmental Services within the Town Center North Block.

EXISTING CONDITIONS



- Explore site development concepts for the block of land know as the North Reston Government Center
- Locate police station to maximize flexibility for future development
- Allow police station to move forward with design and construction

BALANCING FUTURE OPPORTUNITIES WITH CURRENT INFRASTRUCTURE NEEDS

- **Consistent Project Requirements**
 - New Police Station and Governmental Center
 - Open to the Community
 - Secure for the Users
 - On-site fueling
 - Maintain relationship with goals of master plan.
 - Existing Police Station to remain operational



COMMUNITY INVOLVEMENT AND CONSENSUS

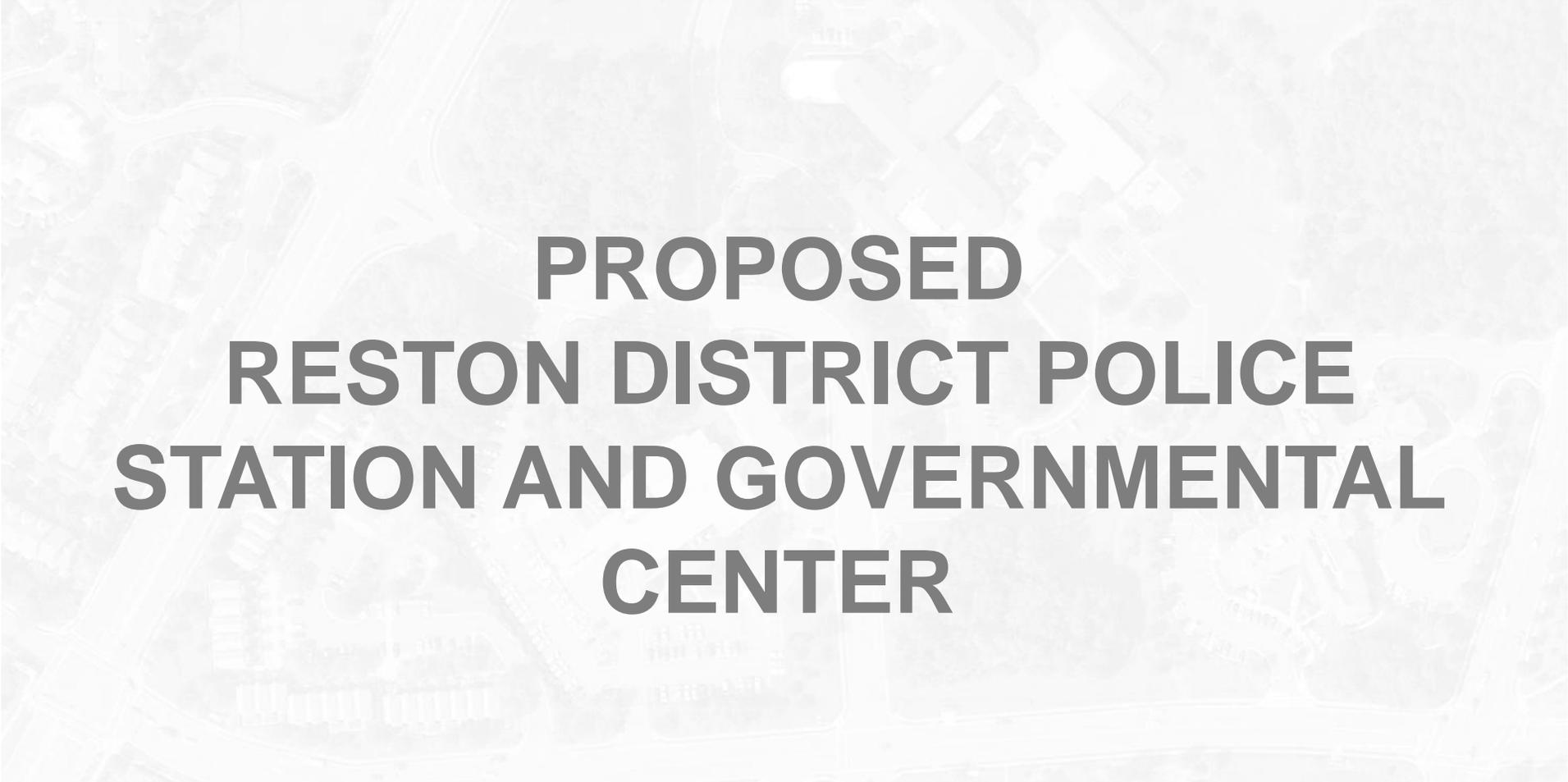
- Active participation of local government in visioning process
- Task Force
- Gain community support for proposed infrastructure
- Prepare for consensus to not occur quickly
- Understand the hot topics of the community
- Be flexible in a solution



"We wrestled with what would be the most appropriate setting," she said. "This [design] offers us the best option where we can start now, answers security issues and bridges the two organizations: the supervisor's office and the police."

"The need for this station is immediate. The county has worked to provide the most amount of flexibility, since there are no set plans for the area yet."

*Supervisor Cathy Hudgins.
Reston Patch, August 2011*



**PROPOSED
RESTON DISTRICT POLICE
STATION AND GOVERNMENTAL
CENTER**



- **Existing Facility is approximately 16,200 sf built in 1985**
- **Building Users – Police and Hunter Mill District Supervisor’s Office**
- **2006 Public Safety Bond Referendum provided funds to expand and renovate the existing facility**
- **Amount of funding was based on:**
 - **Renovation of existing building**
 - **Construction of a two story expansion and surface parking**
 - **Increased parking for police and public**

PROPOSED RESTON DISTRICT POLICE STATION AND GOVERNMENTAL CENTER

- Provide for current and future police staffing and operations
- Bring Supervisor's office to current standards
- Improve the community room
- Improve overall operational efficiency for all users





SITE DESIGN

PROPOSED RESTON DISTRICT POLICE STATION AND GOVERNMENTAL CENTER



- Two-story facility with surface parking
- Police and public access from Town Center Pkwy. and Bowman Towne Dr.
- Public access facing east towards central green
- Preserves the street grid system
- Maintains operation of existing police station during construction
- Redevelopment confined to County owned property

- **Maintains potential for the street grid system in Town Center North**
- **Allows for future development with frontage along the central green**
- **Maintains operation of existing facility during construction**
- **Allows the Police Station to be built in the near term without sacrificing the potential for more urban development in the future**

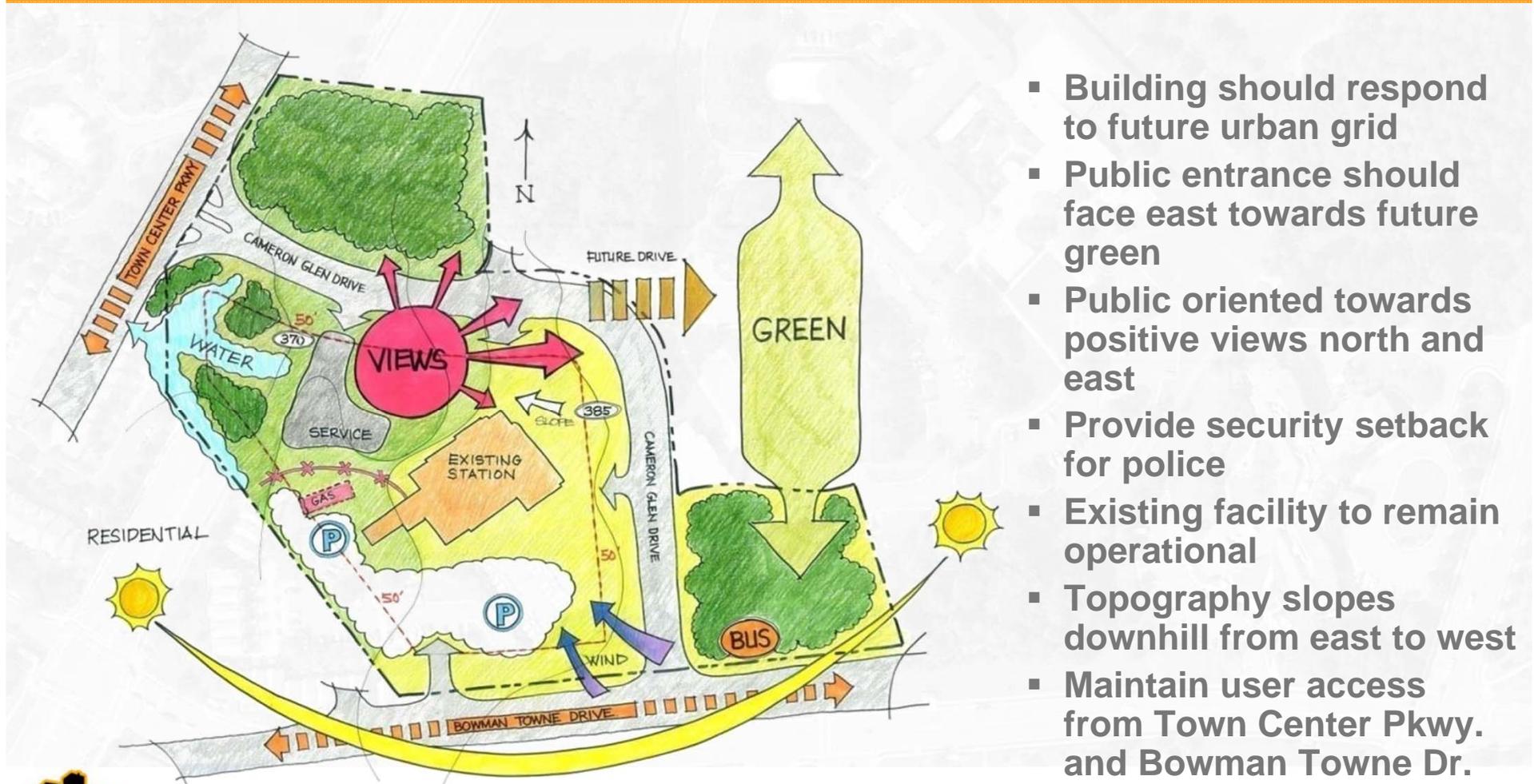
PROPOSED RESTON DISTRICT POLICE
STATION AND GOVERNMENTAL CENTER

BUILDING DESIGN



Reston District Police Station and Governmental Center

PROPOSED RESTON DISTRICT POLICE STATION AND GOVERNMENTAL CENTER



- Building should respond to future urban grid
- Public entrance should face east towards future green
- Public oriented towards positive views north and east
- Provide security setback for police
- Existing facility to remain operational
- Topography slopes downhill from east to west
- Maintain user access from Town Center Pkwy. and Bowman Towne Dr.

- Reinforce positive presence of police in the community
- Create a dignified experience for police and Supervisor's office
- Create design that engages community
- Encourage interaction within police department
- Provide a forward looking image for users
- Sets tone for the Reston Master Plan

PROPOSED RESTON DISTRICT POLICE STATION AND GOVERNMENTAL CENTER



Reston District Police Station and Governmental Center

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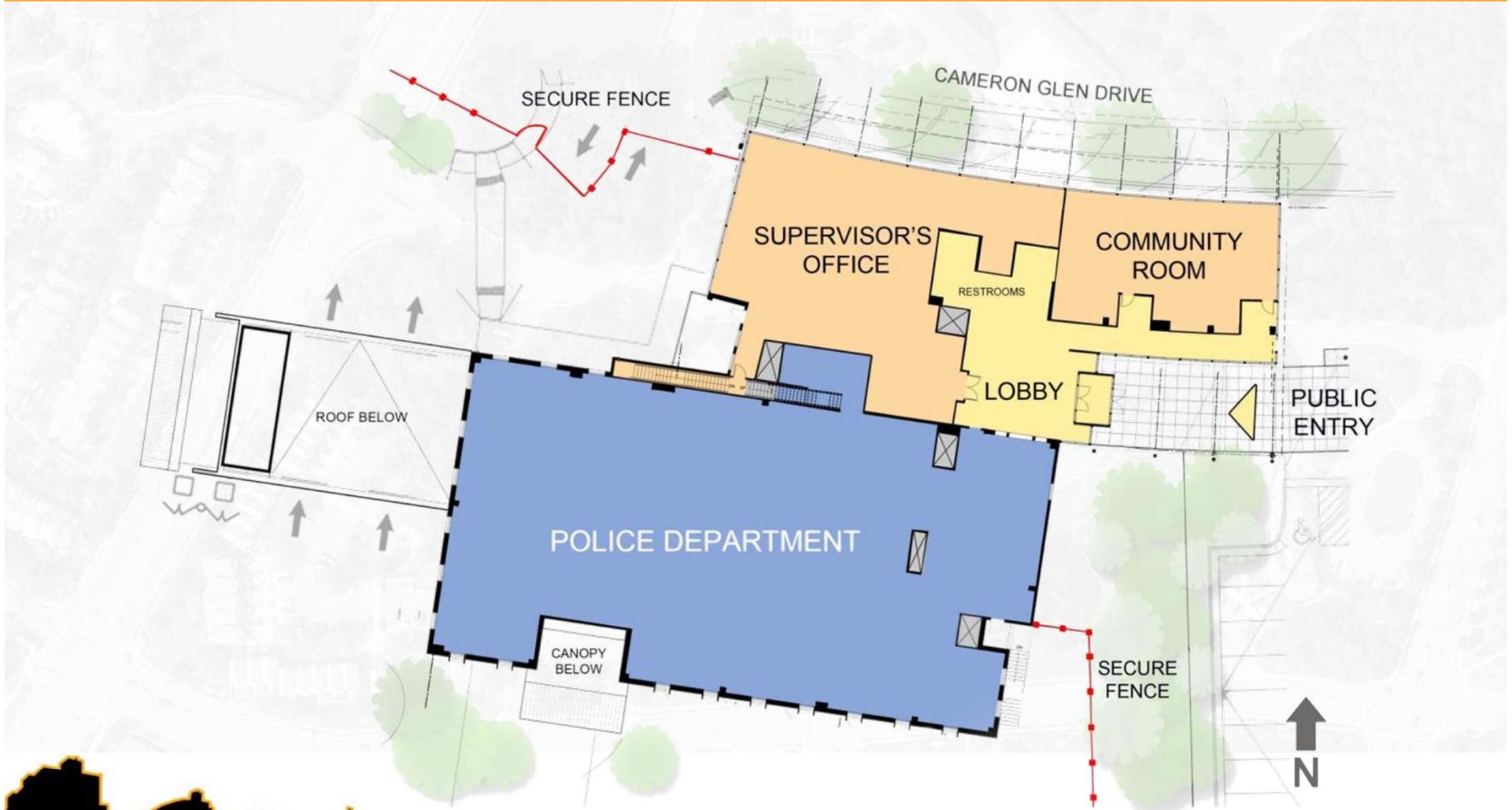
Reston District Police Station and Governmental Center

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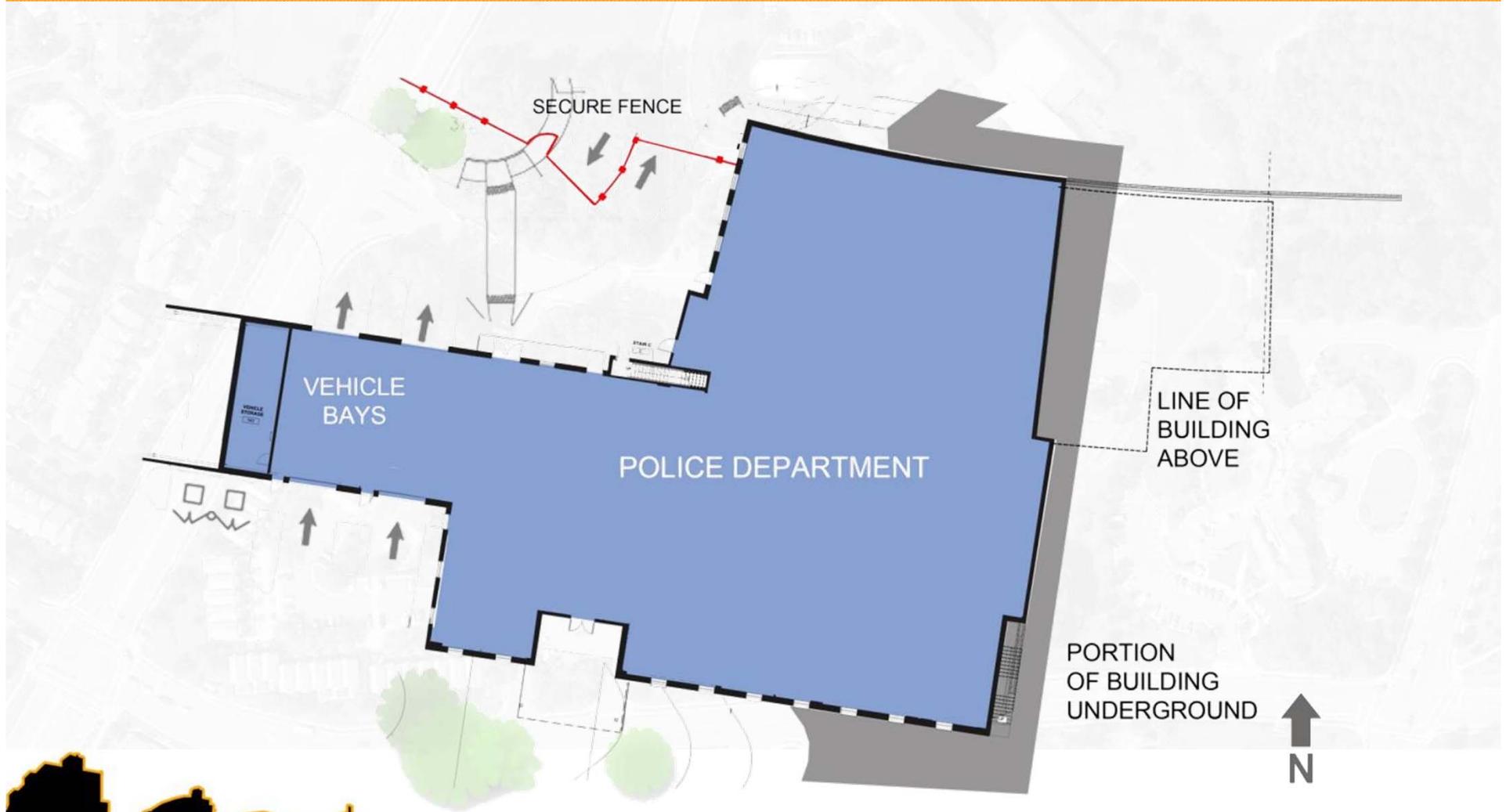


Reston District Police Station and Governmental Center

PROPOSED RESTON DISTRICT POLICE STATION AND GOVERNMENTAL CENTER



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PROPOSED RESTON DISTRICT POLICE STATION AND GOVERNMENTAL CENTER



MATERIAL LEGEND

- BRICK MASONRY
- METAL PANEL
- METAL ROOF / LOUVERS
- GLAZING





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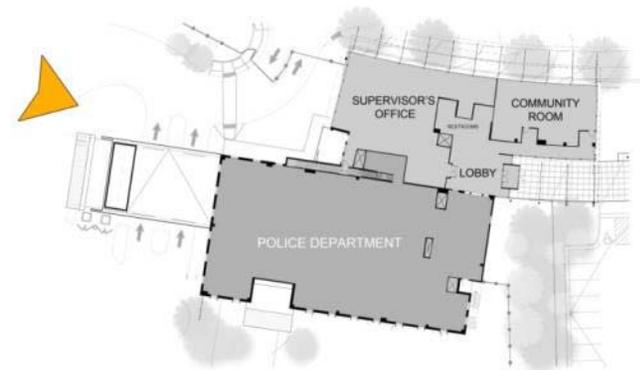


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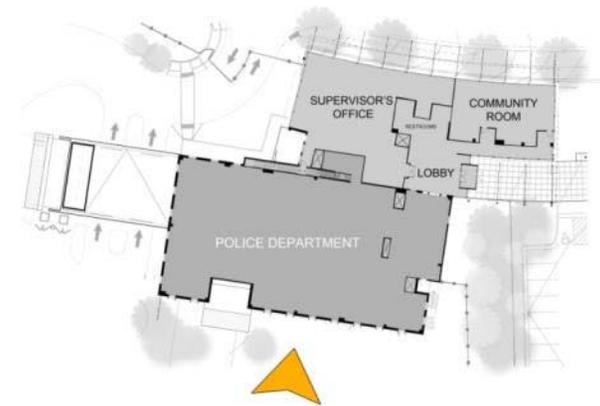


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SUSTAINABLE DEVELOPMENT



Reston District Police Station and Governmental Center

- **Sustainable Development Policy adopted by the Fairfax County Board of Supervisors in 2008**
 - Established LEED as the County Standard
 - Applies to all new County construction, and additions and renovations over 2,500 sf
 - For County buildings over 10,000 sf LEED Silver is the minimum achievement goal

- **The project is seeking LEED Silver certification. Sustainable design highlights include:**
 - High efficiency plumbing fixtures
 - Water efficient landscaping
 - High efficiency HVAC system
 - Reduced stormwater runoff / LIDs
 - Constructed of Low Emitting Materials
 - Use of Recycled content materials, regional materials, and certified wood
 - Construction Waste Management
 - Preferred parking for carpools and energy efficient vehicles

TRENDS FOR A 21st CENTURY LAW ENFORCEMENT FACILITY

- Flexible space/adaptable to change
- Officer Interaction Opportunities
- Emphasis on safety and security
- Transparency of Process/Facility



TRENDS FOR A 21st CENTURY LAW ENFORCEMENT FACILITY

- Multiple use Rooms
- Connection to Community
- Technology Integration
 - RF Shielded Room
 - Multi-use Workstations
 - Flexible infrastructure



QUESTIONS?



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