

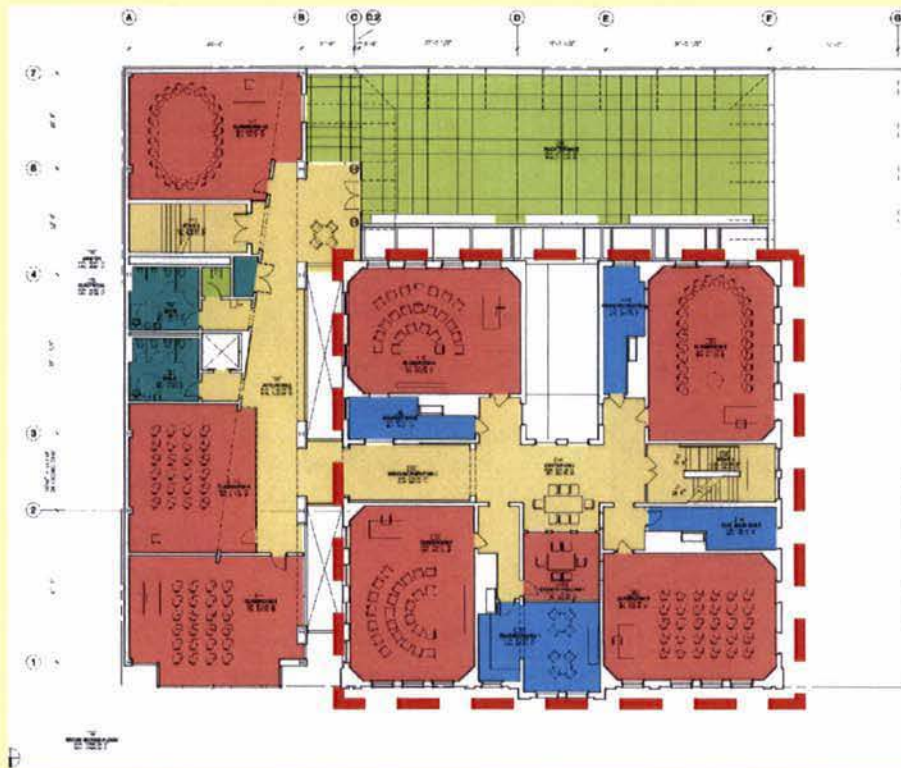
First Floor Plan



PROGRAMMATIC LEGEND:

CORE ACADEMIC PROGRAM	MAINTENANCE AND CUSTODIAL
MEDIA CENTER	ROOF TERRACE
PERFORMING ARTS / ASSEMBLY	BUILDING ORIENTATION
VISUAL ARTS	BUILDING SUPPORT
PE / HEALTH	
ADMINISTRATIVE SERVICES	
GUIDANCE AND STUDENT SERVICES	

Second Floor Plan

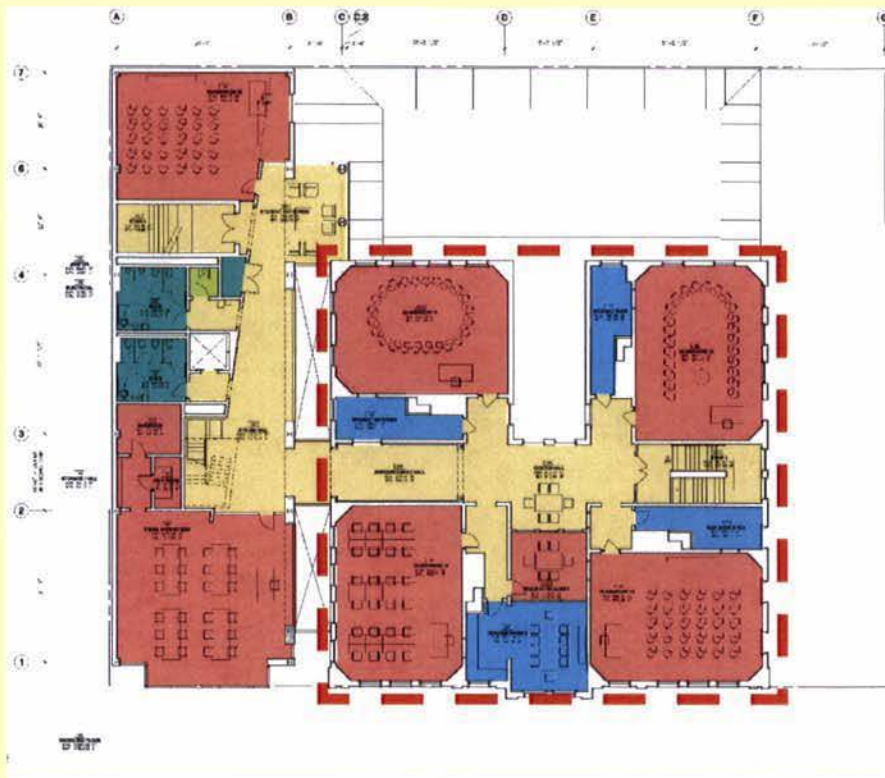


PROGRAMMATIC LEGEND:

■ CORE ACADEMIC PROGRAM	■ MAINTENANCE AND CUSTODIAL
■ MEDIA CENTER	■ ROOF TERRACE
■ PERFORMING ARTS / ASSEMBLY	■ BUILDING CIRCULATION
■ VISUAL ARTS	■ BUILDING SUPPORT
■ PE / HEALTH	
■ ADMINISTRATIVE SERVICES	
■ GUIDANCE AND STUDENT SERVICES	



Third Floor Plan

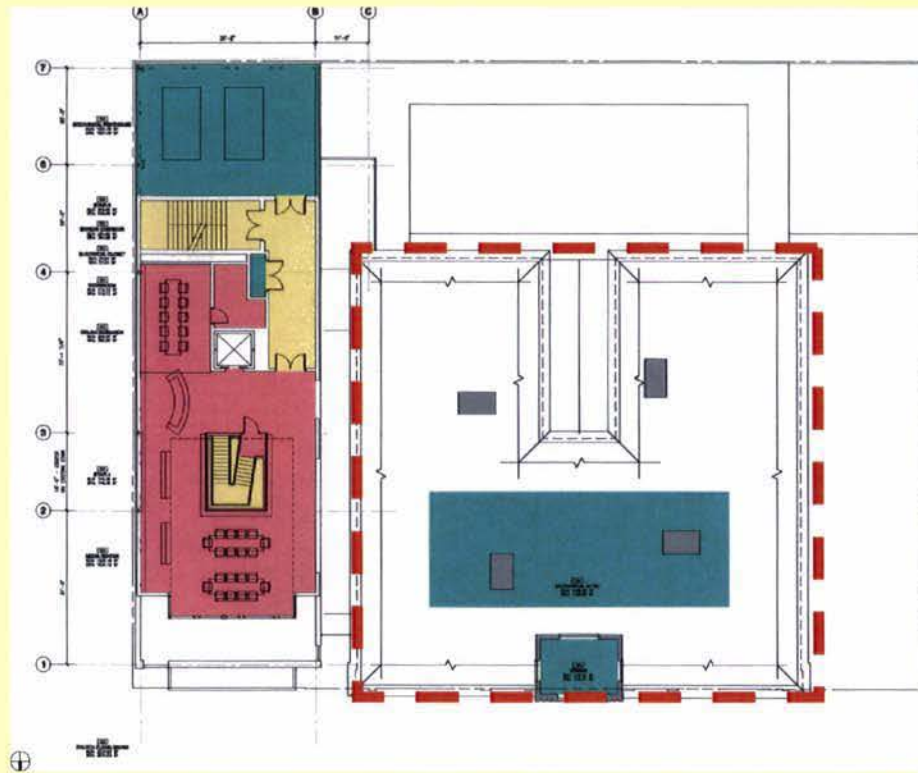


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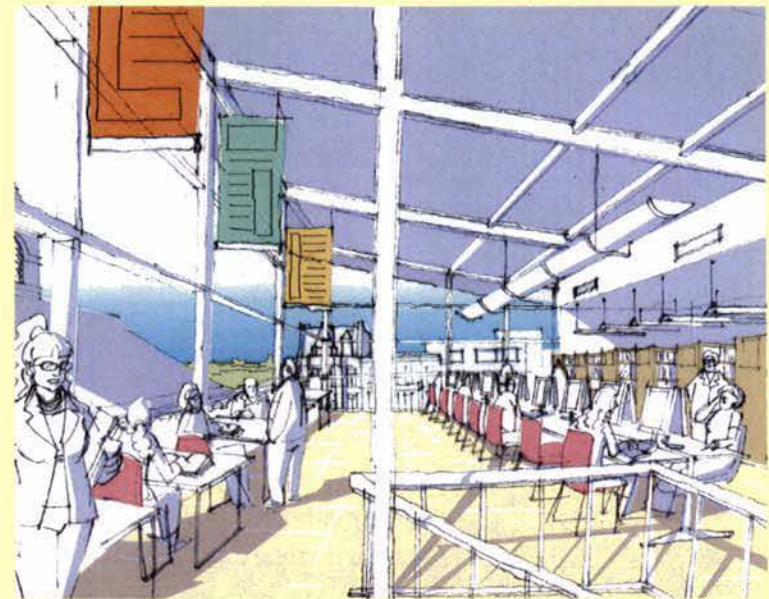


Fourth Floor Plan

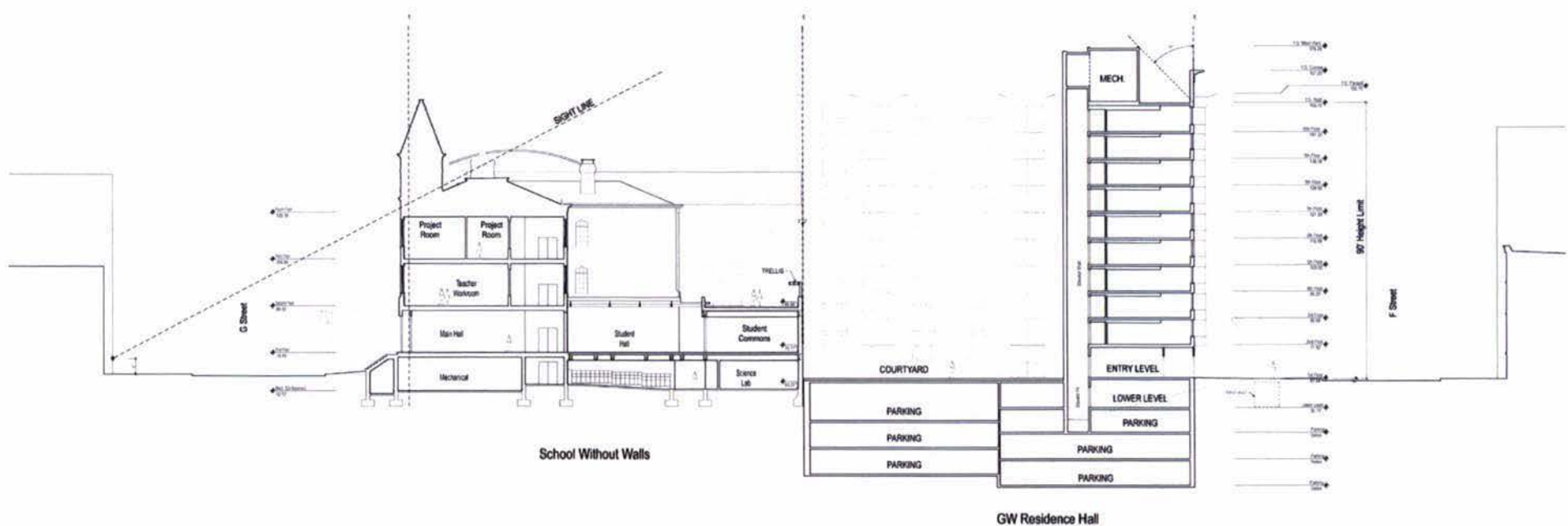


PROGRAMMATIC LEGEND:

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North/South Site Section



High Performance School Design

Strategies being explored during Design

1. SUSTAINABLE SITES

- Erosion & sedimentation control during construction
- Dense, urban site & connected to community
- Convenient to Metro
- Energy Star (high albedo) roofing

2. WATER EFFICIENCY

- Water use reduction strategy being explored

3. ENERGY & ATMOSPHERE

- DDC automatic temperature control & energy management/surveillance system
- Occupancy sensors/time clock/photo cells control lighting system
- Roof top heat recovery ventilation units
- Interior "storm windows" installed in historic building
- Low e-glazing in new addition

4. MATERIAL & RESOURCES

- Reuse of historic building
- Recycled content in replacement roofing
- Masonry & curtain walls from regional sources
- Rapidly renewable material and/or certified wood for doors & casework

5. INDOOR ENVIRONMENT QUALITY

- Appropriate acoustics
- CO₂ monitoring
- Low-emitting paints, adhesive, sealants & flooring (Green Seal)
- Walk-off mats, exhaust in labs and copy rooms control indoor pollutants
- Temperature control in each primary program space
- Operable windows
- Natural light & views throughout the building

6. INNOVATION & DESIGN PROCESS

- Innovative joint use facility (GWU/DCPS)
- Low emitting furniture being explored



Chris Graae

**Principal
DMJM|CGS**

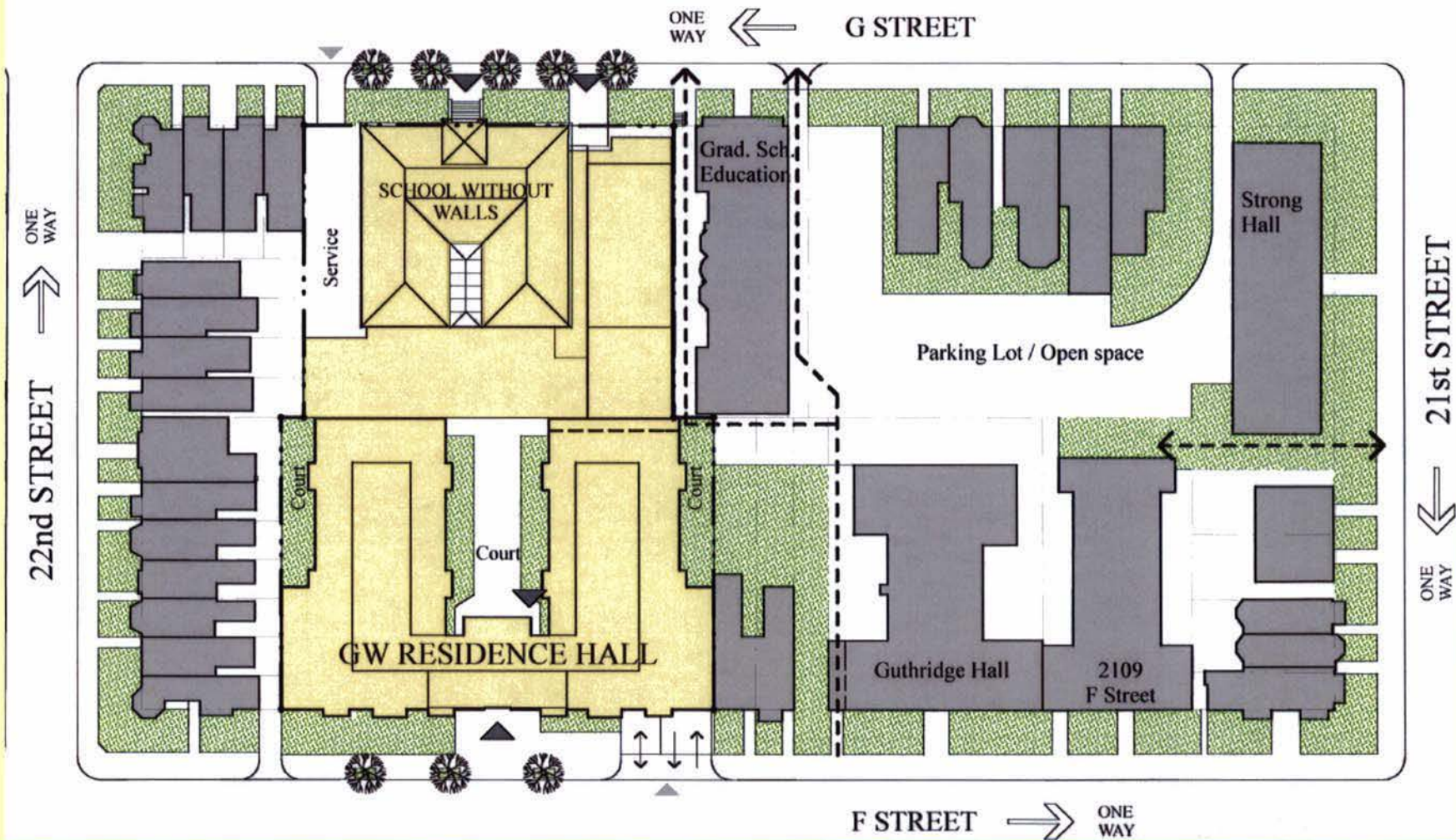


SCHOOL WITHOUT WALLS PARTNERSHIP
District of Columbia Public Schools & The George Washington University

GW Residence Hall Project

- **Building Program**
 - Provides approximately 474 beds
 - Typical unit includes four single bedrooms with shared kitchen, living area and two bathrooms
 - Approximately 192,000 square feet above grade
 - Accommodates approximately 178 vehicles below-grade (self-park & valet)
- **Helps Achieve GW's Undergraduate Housing Goals**
 - Additional on-campus housing for undergraduate students
 - Assists GW in maintaining long-term compliance with the Campus Plan housing condition
 - Provides additional on-campus undergraduate student housing to replace off-campus facilities that are proposed to be transitioned from undergraduate student housing uses as a condition of the proposed *Foggy Bottom Campus Plan: 2006-2025*
- **Building design reflects principles developed through summer community-based planning process resulting in the proposed *Foggy Bottom Campus Plan: 2006-2025***

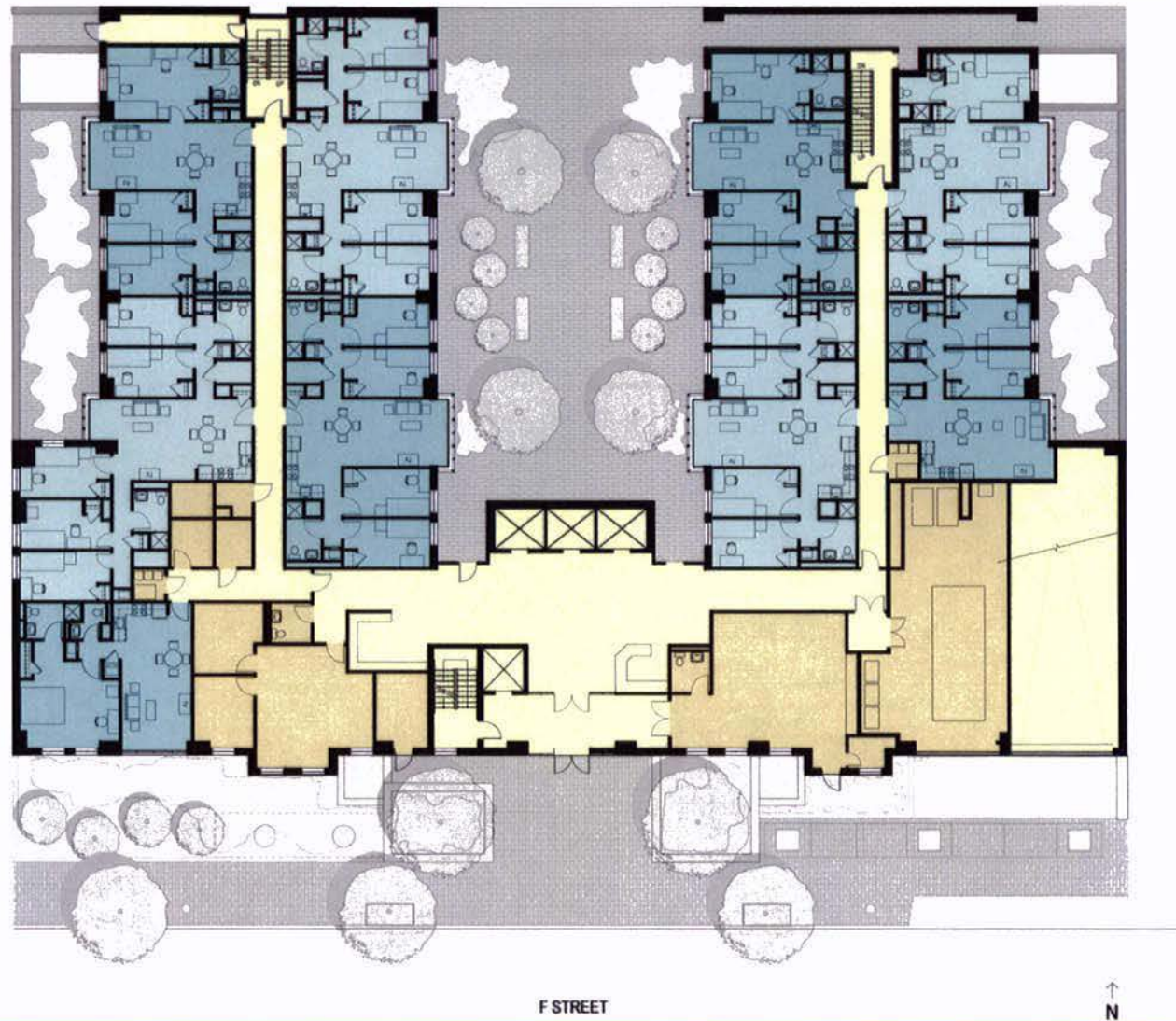
Site Plan



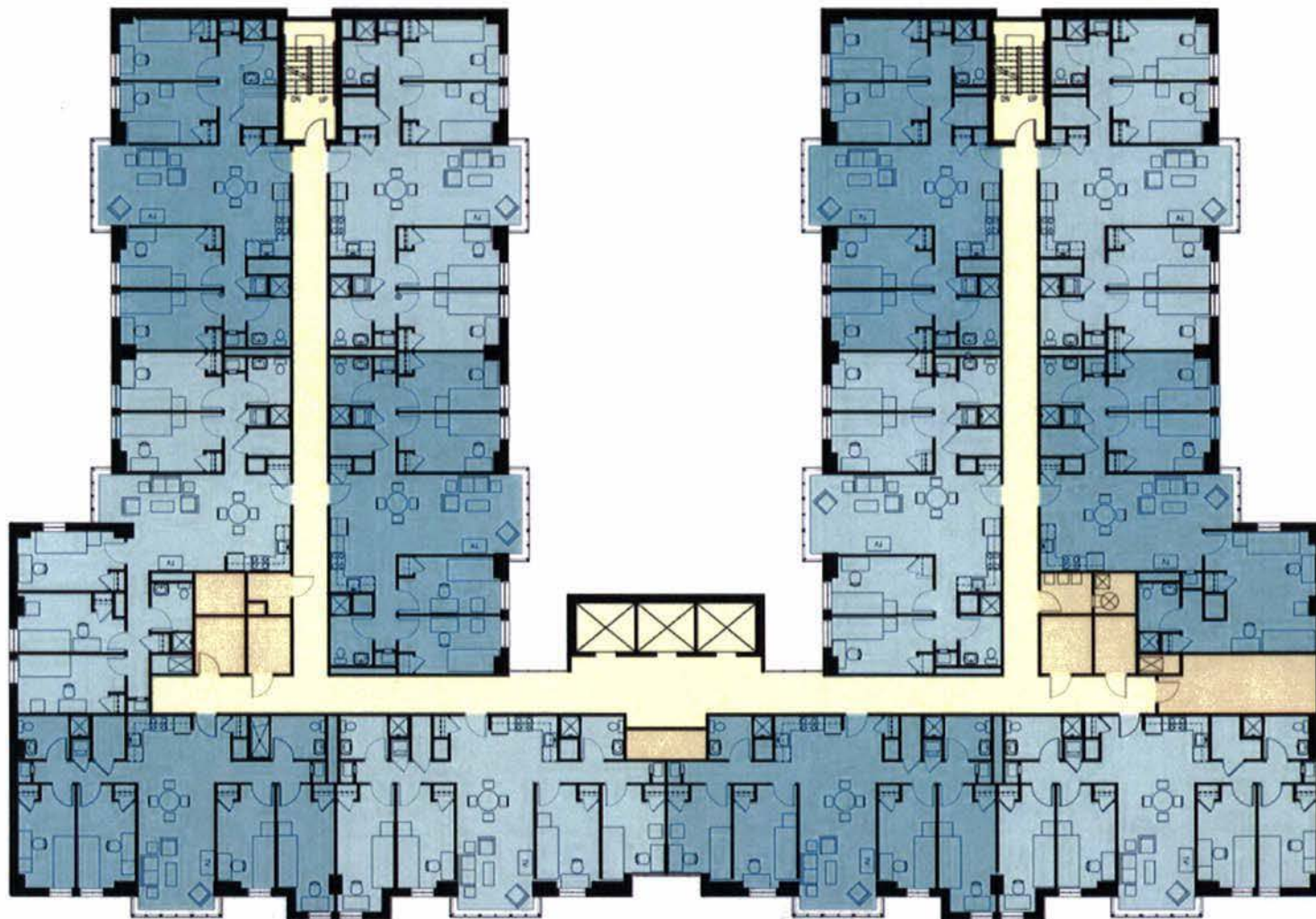
F Street – Context Photographs



GW Residence Hall Project - 1st Floor Plan



GW Residence Hall Project - Typical Floor Plan



GW Residence Hall Project

F Street Perspective (Rendering)



Residence Hall Streetscape



Sustainable Design Goals

Strategies being explored during Design

1. SUSTAINABLE SITES

- Erosion & sedimentation control during construction
- Densely developed urban site; underground parking
- Alternative transportation - convenient to Metro; bicycle storage
- Light pollution reduction – both building and site
- Energy Star (high albedo) roofing
- Stormwater management

2. WATER EFFICIENCY

- Water use reduction
- Water efficient landscaping

3. ENERGY & ATMOSPHERE

- Building Commissioning
- Energy efficient HVAC / lighting systems
- Centralized Building Energy Management
- Use of non-ozone depleting refrigerants

4. MATERIAL & RESOURCES

- Facilities within building for collection of recyclable waste
- Use of recycled content materials
- Local / regional materials sourcing
- Certified wood for doors & casework

5. INDOOR ENVIRONMENT QUALITY

- Smoke free environment
- CO₂ monitoring
- Low-emitting paints, adhesives, sealants, flooring
- Walk-off mats control indoor pollutants
- Operable windows
- Natural light & views throughout the building
- Temperature control within individual living spaces

6. INNOVATION & DESIGN PROCESS

- LEED Accredited Professionals on both design team and University staff

Andi Adams

**Architectural Historian
Pillsbury Winthrop Shaw Pittman**

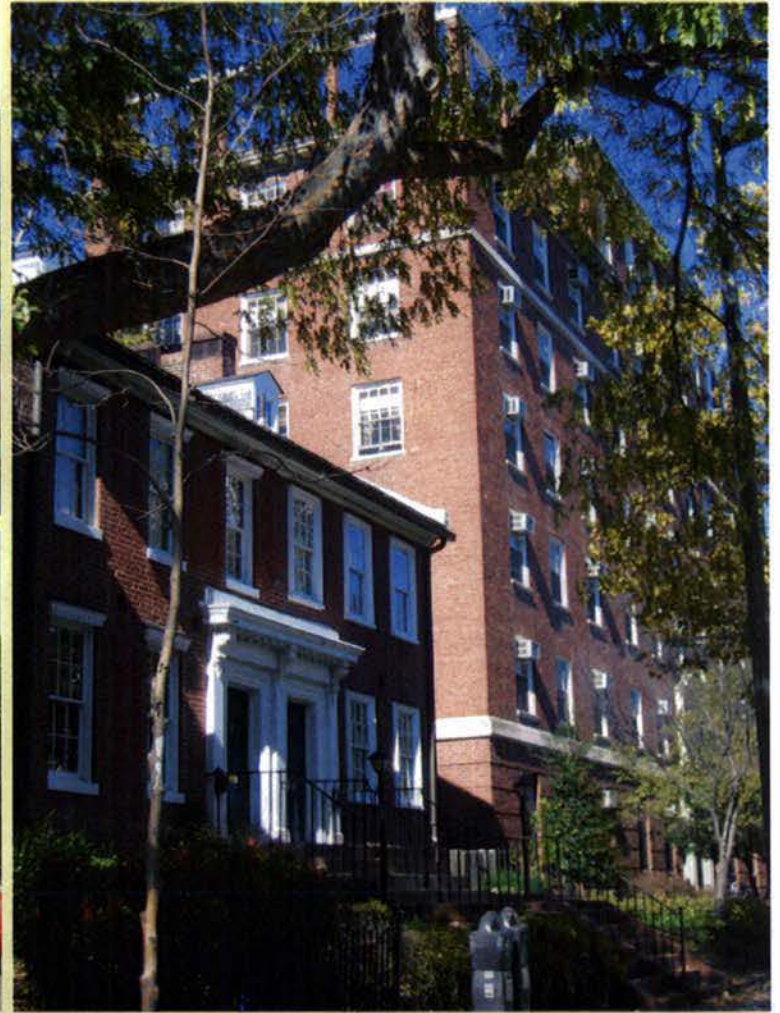


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District of Columbia Public Schools & The George Washington University

The Project in Context



The Project in Context



SCHOOL WITHOUT WALLS PARTNERSHIP
District of Columbia Public Schools & The George Washington University

The Project in Context



Jami Milanovich

Senior Associate

Wells and Associates

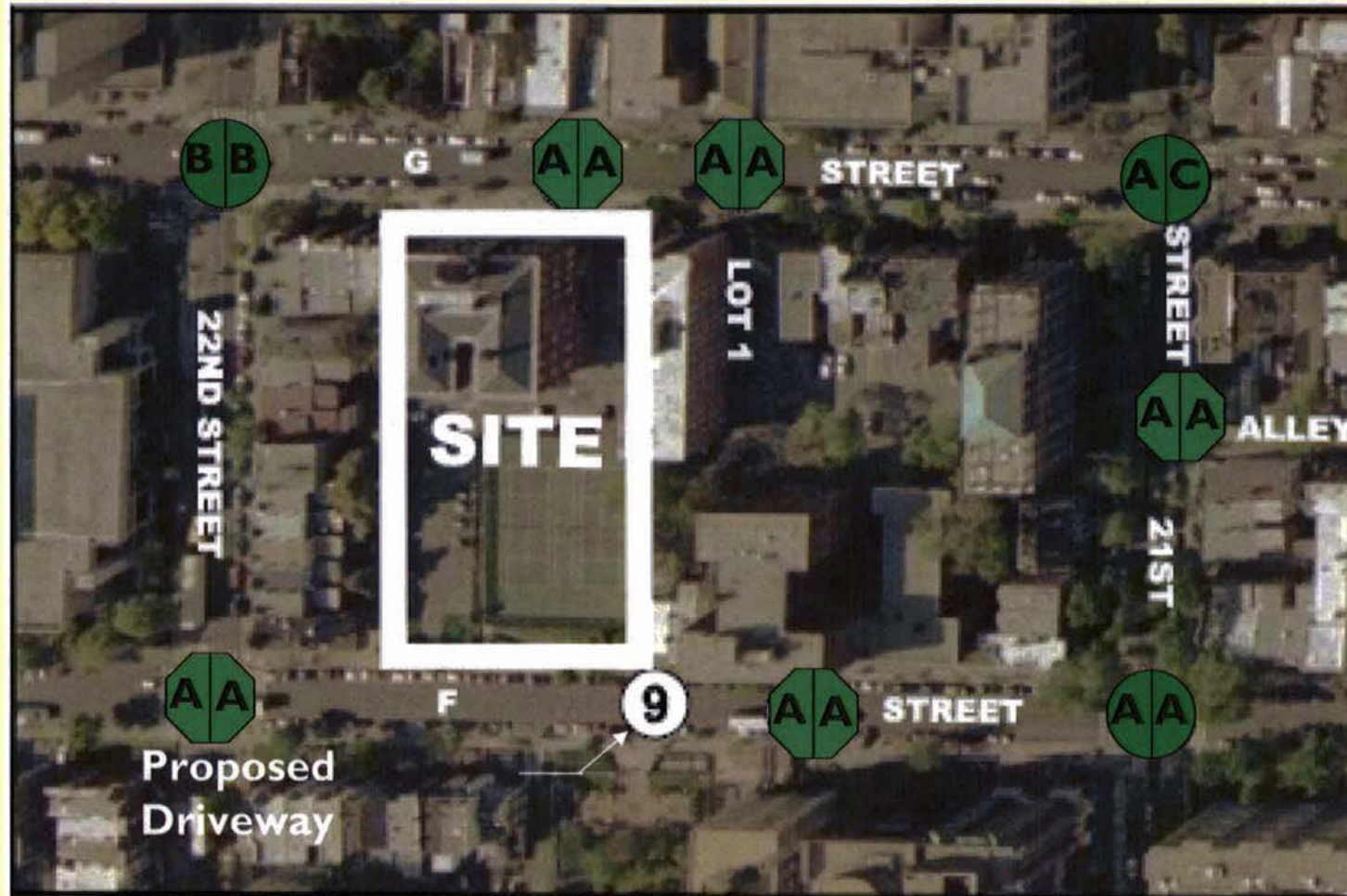


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District of Columbia Public Schools & The George Washington University

Study Area



Existing Levels of Service

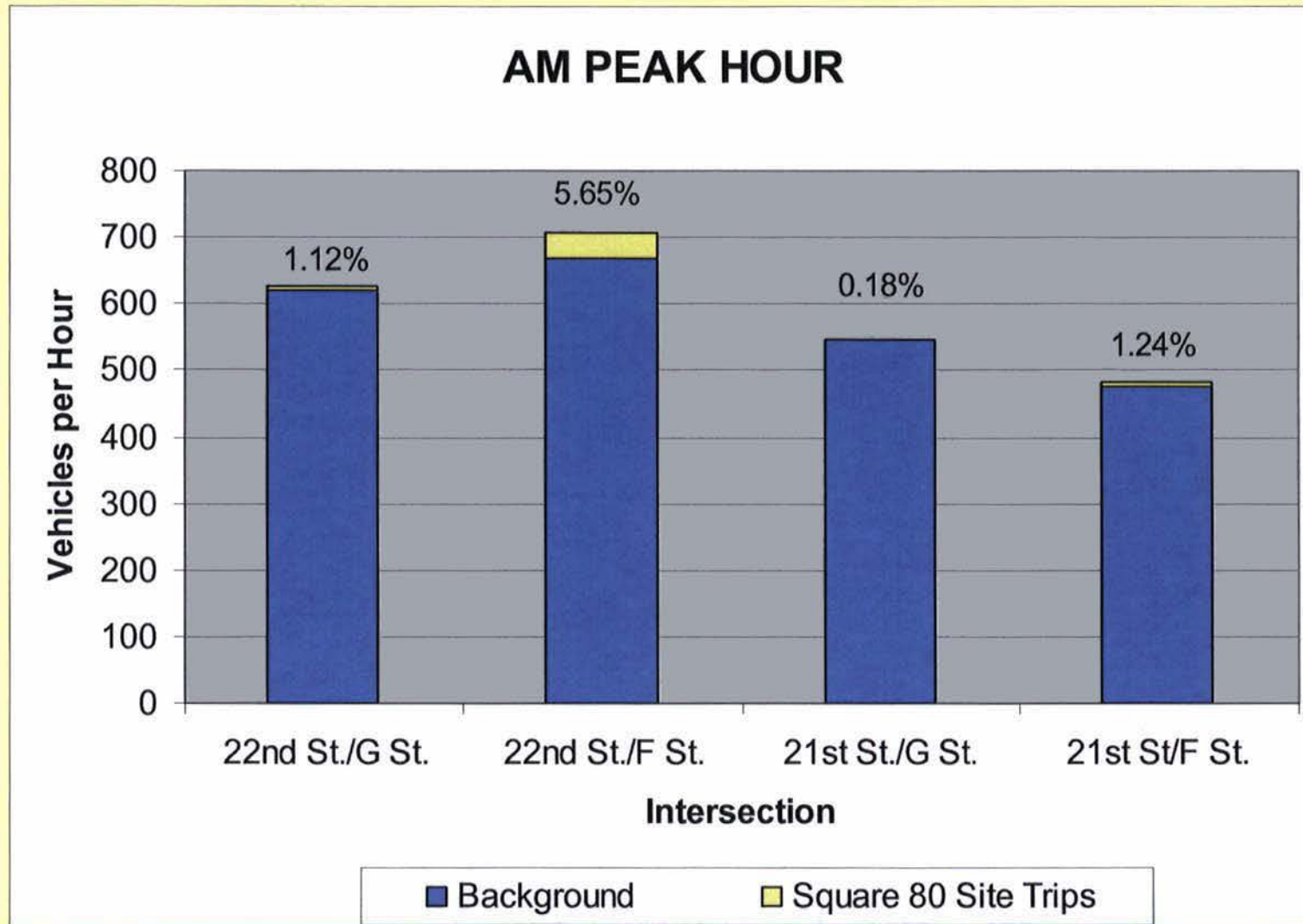


Levels of service shown are **overall** intersection levels of service.

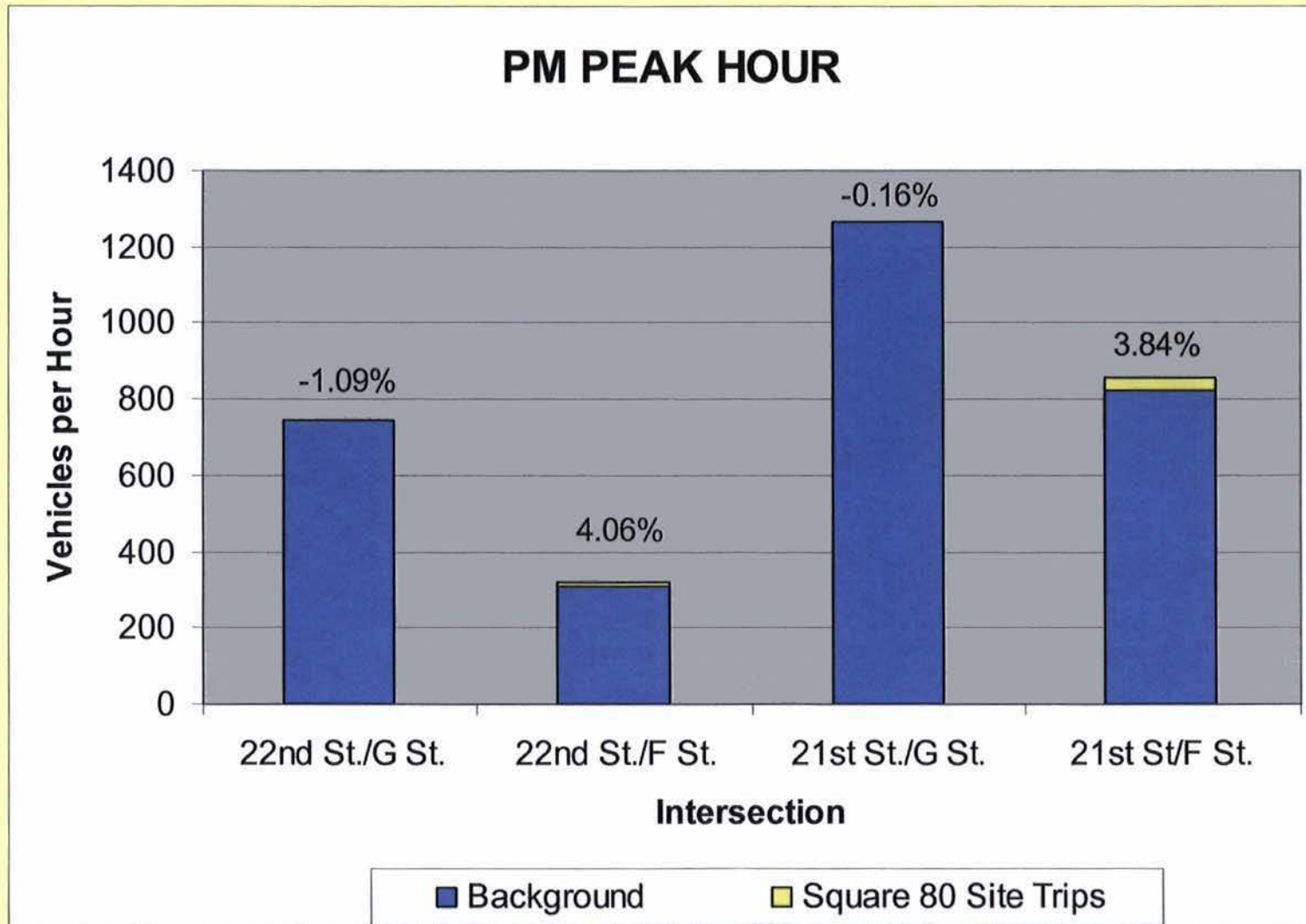
Trip Generation

Component	AM PEAK			PM PEAK		
	In	Out	Total	In	Out	Total
SWW Expansion	15	10	25	2	4	6
GW Garage Trips	26	3	29	9	21	30
Total	41	13	54	11	25	36

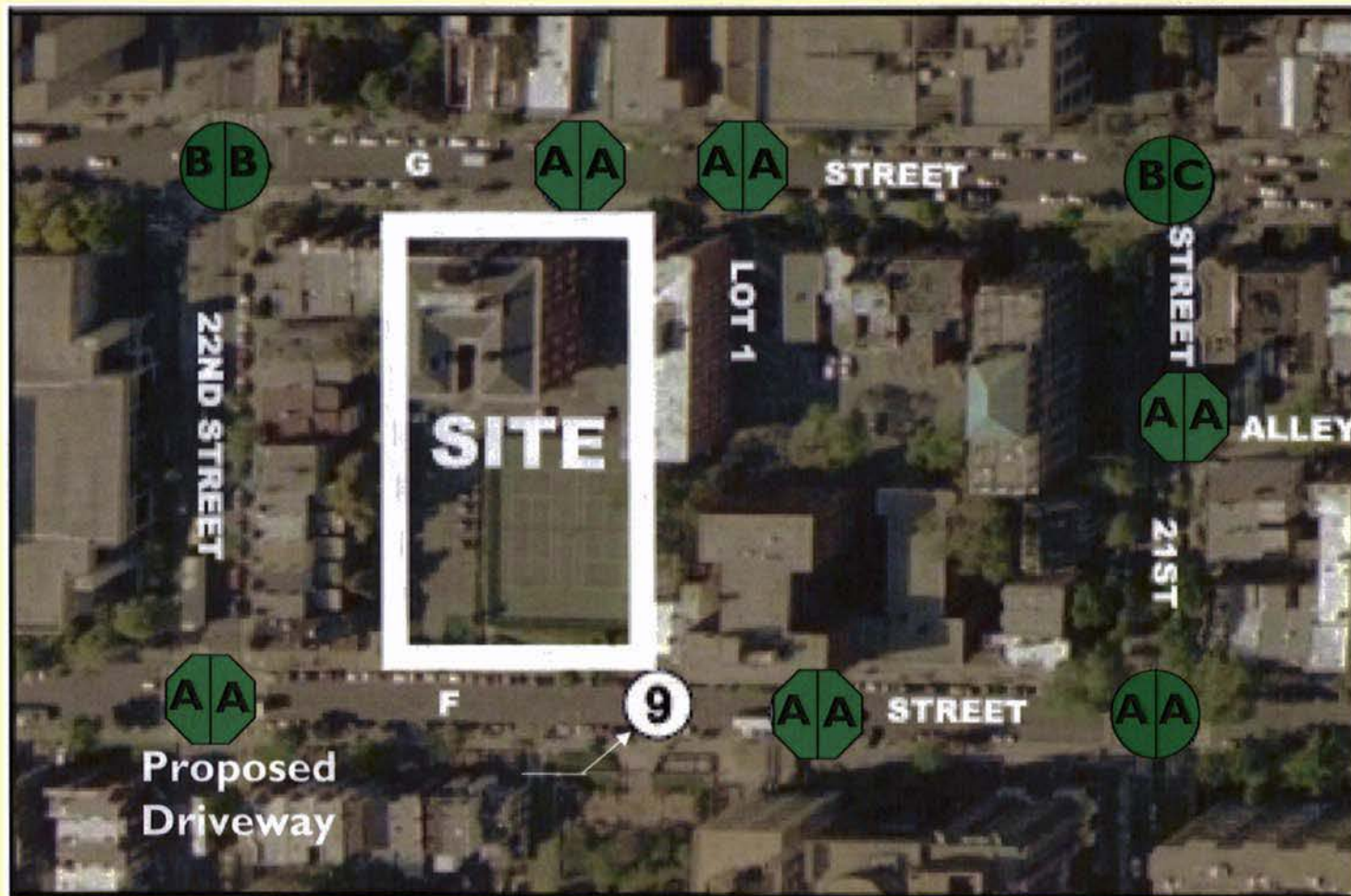
Proportional Impact – AM Peak Hour



Proportional Impact – PM Peak Hour

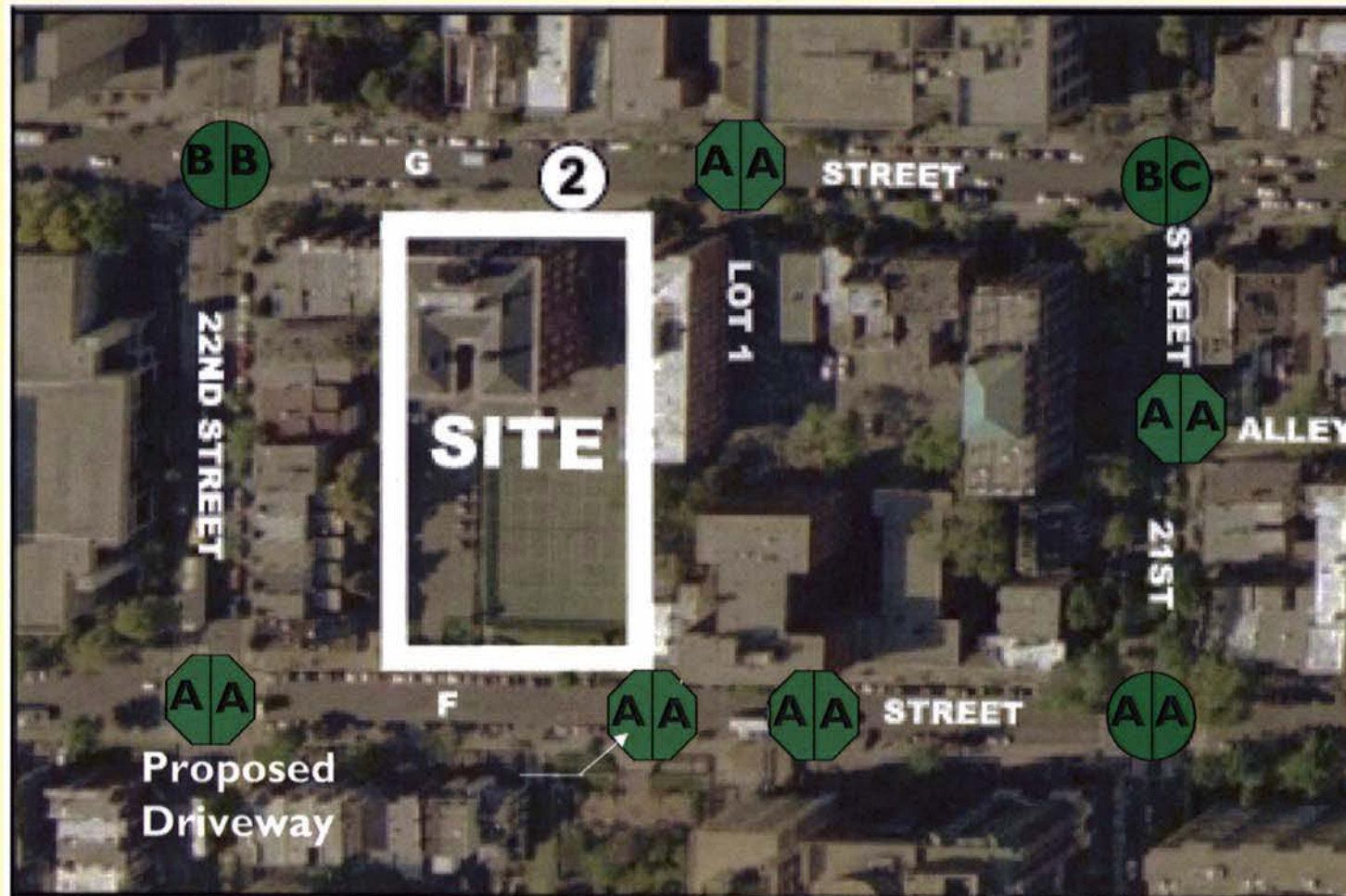


Background Levels of Service



Levels of service shown are **overall** intersection levels of service.

Total Future Levels of Service



Levels of service shown are **overall** intersection levels of service.

Louis H. Katz

**Executive Vice President & Treasurer
The George Washington University**



SCHOOL WITHOUT WALLS PARTNERSHIP
District of Columbia Public Schools & The George Washington University

The George Washington University

- The University has been located in Foggy Bottom since 1912
- GW's location is key to its mission & critical to its success
 - Synergies created by proximity to organizations and resources
 - The *GW Experience* is one that occurs both inside & outside the classroom, both within & beyond GW's campus boundaries
- Like SWW, by capitalizing on its location, GW delivers an educational experience that is both distinctive and rewarding

The George Washington University

- **GW and SWW have a longstanding partnership**
- **Unique partnership results from collaboration stemming from complementary missions as well as physical proximity**
 - The partnership has grown and evolved over the years
 - This project provides an additional opportunity to expand the partnership and affect lasting improvements for both organizations

Building a Living & Learning Community

- Building a Living & Learning Community is critical to the delivery of education at The George Washington University
- Providing on-campus undergraduate student housing is important not only to the University but also to the surrounding community
- This project provides additional on-campus undergraduate student housing to replace off-campus facilities that are proposed to be transitioned as a condition of the proposed *Foggy Bottom Campus Plan: 2006-2025*

The Importance of this Site

- **Site-specific opportunity for partnership with DCPS**
- **Accommodates the need for additional space while accomplishing historic preservation goals**
- **Development of this site as proposed creates positive benefits for the District, the community, and the University**

Maureen Dwyer

**Partner
Pillsbury Winthrop Shaw Pittman**



SCHOOL WITHOUT WALLS PARTNERSHIP
District of Columbia Public Schools & The George Washington University

Project Benefits/Amenities

- **Renovation and modernization of the Grant School**
- **Enhanced programmatic collaboration between GW and SWW**
- **Historically sensitive modernization and addition to SWW**
- **Implementation of streetscape improvements**
- **Implementation of sustainable design principles**
- **Additional on-campus student housing**