Agenda:
• Questions from 21 July 2009 Meeting
• Utility Integration Plan
• Security Fence
• Gate Houses
Parking Deck – Green Wall

Parthenocissus quinquefolia-Virginia Creeper
  • Native Vine
    • Found in Northeastern Deciduous Forest
  • Grows in shade
  • Clinging (by adhesive disks at end of tendrils) vine to 50+ feet (whatever height of tree or other supporting structure is).
  • Related to Boston Ivy (Parthenocissus tricuspidata)
Exterior space between Parking Deck and USCG Headquarters
Utility Integration Plan
• Security Fence
  • Design Options
St. Elizabeths West Campus
Security Fence – Option 1

1. Existing Masonry wall
2. Existing Masonry wall
3. Existing Masonry wall

4. Bollards
5. Decorative Fence + Brick
6. Decorative Outer Fence
7. No Climb Inner Fence

Alternate Fence Location

GSA

St. Elizabeths West Campus
Security Fence – Option 1

PERKINS + WILL
St. Elizabeths West Campus
Security Fence and Patrol Trail

LEGEND:
- Purple: Patrol Trail
- Yellow: Patrol Road
- Brown: Upper Road
- Green: Cart Option

Existing Masonry wall
Alternate Fence Location
Wrought Iron Fence

Ameristar Fence Aegis II - Invincible 2 Rail

30 Degree Maximum Slope
Outer Perimeter Vehicle barrier - 8'-0" High
34" Brick clad Conc. Barrier w/ 5' Decorative Fence
Masonry Piers with Wrought Iron Infill
St. Elizabeths West Campus
Security Fences – Site Section
Section 1 Through Perimeter Fence
Section 2 & 3 Through Perimeter Fence

Security Zone
Security Path
Future Parking Beyond

SECTION 2

EL. +51.50
EL. +0.00

SECTION 3

EL. +20.70
EL. +0.00

GSA

PERKINS WILL
Section 5 & 6 Through Perimeter Fence

EL. +12.50
EL. +0.00
EL. +22.50
EL. +0.00

SECCTION 5

SECCTION 6

I-295 Access Road

1

2

3

4

5

6

Security Path
Security Zone

GSA
• MLK Avenue Fence Options
Option 1 - Bollards Along MLK Avenue

- 20' Clear Zone
- Historic Fence
- Sidewalk
- Inner Decorative Or No Climb Fence

Typical Bollard Detail

- 2" Dia, Schedule 80 Steel Pipe Filled with Concrete
- Continuous Concrete Footing
- Finish Grade
- Provide Temperature and Shrinkage Reinforcing

MLK
Option 2 – Bollards inside historic wall

- Inner Decorative No Climb Fence
- 20’ Clear Zone
- Bollards
- Historic Fence
- Sidewalk
- MLK
Option 3 – Post + Cable inside historic wall
Need examples of cables, deadmen
Entry Gates 1, 2, 3 and 4
Entry Gates 1, 2, and 3 - Option 1

Visitor Parking

Staff Parking

Gate 1
Vehicular Traffic
VIP Traffic

EM
Staff Screening
Visitor Center

Gate 2
Vehicular Traffic

Visitor Parking

Gate 3

Option 1A

VIP Sweep

Bus Route
Figure 4.30 – 1 – View looking southwest along Martin Luther King Jr. Avenue
Gate House #1 (#21) today as seen from south. (Oehrlein & Associates Architects 2005)

Existing building first floor plan (#21). (FMG Architects 2007)
Gate 1 - Existing Conditions

- Existing Gate
- House #1 to Remain
- Surface Parking
- Existing Masonry Fence
- Green Houses to be Removed

Gate House #1 today as seen from south. (Oehrlein & Associates Architects 2005)

Existing building first floor plan (#21). (FMG Architects 2007)
• Gate House 1 issues
  • Maintain 1937 experience
  • Provide Level 5 Security
    • Pedestrian and vehicle
  • Gate activity peaks at “rush” hours
  • VIP visits are scheduled
LEGEND:
- Existing Wall
- Wall to be demolished
- New Wall/ Fence
- No-Climb Fence
- Secondary Security Line
- Pedestrian Traffic
- Vehicular Traffic
- VIP Traffic
- Emergency Vehicles
- New Buildings
- Exist. Buildings

Gate House 1 VIP Entry + Staff Screening Plan

Underground parking

VIP Traffic

Existing Masonry Fence

Ped. /Staff Parking Screening Bldg.

Under ground parking

Vehicular Traffic

Bus/Taxi

Shuttle Bus Stop

Wall to be demolished

New Buildings

No-Climb Inner Fence

Knee wall Flush with Grade

Rejection Zone

VIP Sweep Zone

Depressed 3

Ramp to parking

Underground parking

Decorative Fence + Brick
Outer Perimeter Vehicle barrier - 8'-0" High
34" Brick clad Conc. Barrier w/ 5' Decorative Fence
Outer Perimeter Vehicle barrier - 8’-0” High
34” Brick clad Conc. Barrier w/ 5’ Decorative Fence
Outer Perimeter Vehicle barrier - 8'-0" High
Bollards w/ 8' Decorative Fence
Outer Perimeter Vehicle barrier - 8'-0” High
Bollards w/ 8’ Decorative Fence
Figure 4.31 – 2 – View looking west across Martin Luther King Jr. Avenue

Gate 2 Entrance
Gate 2 – Existing Conditions

Existing Gate
House # 2
To Remain

Existing Masonry Fence

Existing Building
To Be Removed

Existing Building
To Remain

MLK Drive

GSA

PERKINS + WILL
Gate 3 – Existing Conditions

Existing Employee Cafeteria To Remain

Existing Tunnel to be Filled

Existing Masonry Fence

Existing Bldg To Remain
Emergency Access

LEGEND:
- Existing Wall
- Wall to be demolished
- New Wall/Fence
- No-Climb Fence
- Secondary Security Line
- Pedestrian Traffic
- Vehicular Traffic
- VIP Traffic
- Emergency Vehicles
- New Buildings
- Exist. Buildings

Gate 3 – Option 1 – Emergency Entry
Questions?