

### Federal Reserve Board Building Project

1951 Constitution Avenue, NW, Washington DC

Approval of Comments on Concept Plans

Board of Governors of the Federal Reserve System

### **Project Summary**

Commission Meeting Date: December 5, 2019

NCPC Review Authority: 40 U.S.C. § 8722(b)(1) and (d)

**Applicant Request:** Approval of Comments on Concept Plans

**Session:** Staff Presentation

NCPC Review Officer: Lee Webb

**NCPC File Number: 8113** 

#### **Project Summary:**

The Board of Governors of the Federal Reserve System (Board) proposes to renovate and expand the Marriner S. Eccles Building (Eccles Building) at 2051 Constitution Avenue NW and to renovate and construct an addition on the Federal Reserve Board-East Building (FRB-East Building) at 1951 Constitution Avenue NW. The Board is seeking comments from the Commission on their concept plan for the project.

The Eccles building was constructed between 1935 and 1937 as the headquarters of the Board. While there have been regular modifications and renovations to the building over its 80-year history, many of the building systems are at the end of their useful life, and the building no longer fully serves the Board's needs. The FRB-East Building was constructed between 1931 and 1933 for the US Public Health Service. The building has not undergone a comprehensive modernization in decades and does not serve the Board's needs effectively in its current condition and configuration.

### **Project Summary**

The purpose of the proposed project is to renovate and expand the Eccles Building and the Federal Reserve-East Building to address a critical backlog of upgrades; to respond to changes in building codes and regulatory requirements; to accommodate information technology requirements, building security provisions, advancements in environmental awareness and energy efficiency; to address increased utility demands and associated requirements imposed by an increased building population; and to address the integration of technology not anticipated at the time of the buildings' original design.

The proposed programming changes and building additions are needed to increase spatial efficiency, reduce leased space and consolidate staff, and provide a secure environment for the buildings' occupants, while accommodating the growing needs of the Board and its visitors.

The proposed project will maintain the historic character of the existing buildings and their surroundings, reflecting qualities of stability, dignity, and security that are sensitive to the Board's civic responsibility as the central bank of the United States. It will include new state-of-the-art technology for the buildings' entire infrastructure, security, and technology systems. The project will also improve code compliance measures as well as enable the Board to incorporate environmentally responsible design approaches expected to reduce energy consumption and improve indoor environmental quality.

The Board has indicated that the goals of the project include:

- Respect the character-defining features while modernizing the buildings
- Provide modern, efficient workspace with amenities that support health and wellness initiatives such as dining and fitness

### **Project Summary**

- Make the buildings more energy efficient
- Increase the capacity of the Eccles Building
- Provide quality office space on the lower (concourse) levels of the Eccles Building
- Provide a multi-story addition to the FRB-East Building that contains above-grade and back of house services and increases the capacity
- Provide underground parking
- Provide a tunnel for utility and pedestrian use that connects to the Eccles Building and accommodates backup mechanical systems capable of supporting the Eccles Building.

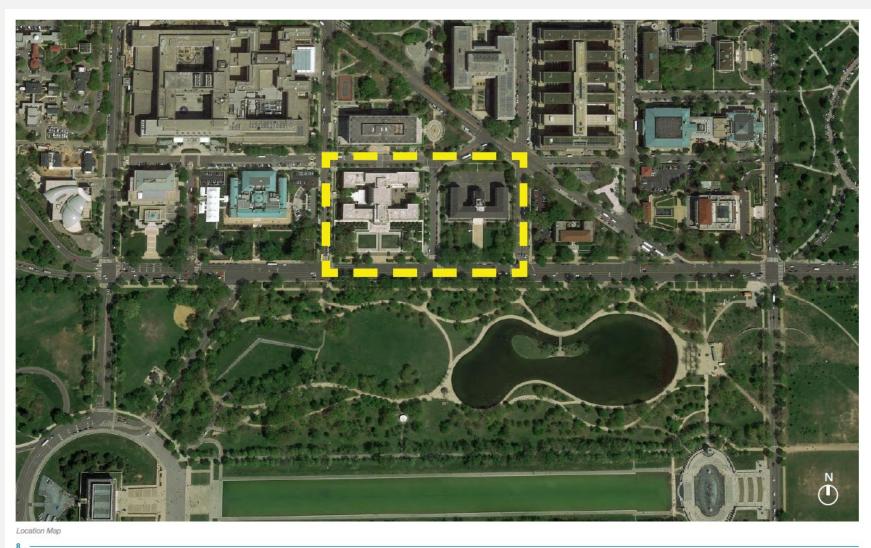
The Board is preparing an Environmental Assessment (EA) for its NEPA compliance, and has initiated Section 106 Consultation to meet its Section 106 responsibilities under the National Historic Preservation Act (NHPA).

### **Site Location**





### Project Location on Constitution Avenue



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### **Project Area Description**

#### 1.4 AREA DESCRIPTION

The project area is located in the Foggy Bottom neighborhood of Northwest Washington, DC. Both buildings face south on Constitution Avenue NW, across from the National Mall. The Eccles Building occupies the entire block bounded by 21st Street NW on the west, 20th Street NW on the east, and C Street NW on the north. Directly to the east, the FRB-East Building sits on an entire block bounded by 20th Street NW to the west, 19th Street NW to the east, and C Street NW to the north. Completed in the 1930s, both buildings stand prominently within a group of monumental buildings along Constitution Avenue NW that frame the Lincoln Memorial to the southwest.

Located directly to the north of the Eccles Building and northwest of the FRB-East Building is the Board's William McChesney Martin, Jr. Building, which was completed and dedicated in 1974. The Martin Building will become the primary entrance point and security screening area for employees of the Martin, Eccles, and FRB-East buildings.

#### 1.5 BUILDING AREA & SITE COVERAGE

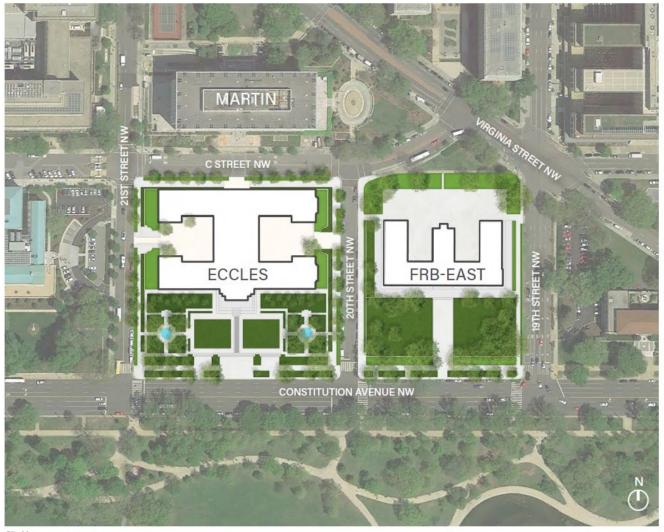
The approximate existing gross site and building areas are listed below.

#### **ECCLES BUILDING**

Gross Building Area: 276,000 square feet Gross Site Area: 4.16 acres (181,071 square feet)

#### FRB-EAST BUILDING

Gross Building Area: 126,500 square feet Gross Site Area: 3.18 acres (138,512 square feet)



Site Map

MARRINER S. ECCLES BUILDING AND FEDERAL RESERVE BOARD-EAST BUILDING | NATIONAL CAPITAL PLANNING COMMISSION

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### **Eccles Building Chronology**

I.IO BUILDING CHRONOLOGY \_ ECCLES BUILDING



1935 Architect Paul Philippe Cret wins the competition for the Federal Reserve Board Building

**Building construction begins** 



Last major building renovation

1930 1950 1970 1970 Weshington Doorways

Governors of Federal Reserve Move Into New Home Monday

Board Expresses Belief Structure Fulfills "Concept of Dignity and Permanence" Urged by Fine Arts Unit.

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1937
Federal Reserve Board
of Governors moves into



1964 Listed in the DC Inventory of Historic Sites



1982
Building named after Marriner
S. Eccles (1890–1977), Chairman
of the Federal Reserve under
President Reservelt

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### FRB East Building Chronology

#### BUILDING CHRONOLOGY \_ FRB-EAST BUILDING

1930 - 1931

Building designed by Jules Henri de Sibour

1931

Building construction begins

1947 - 1953

Atomic Energy Commission occupies building



1954 The National Science Foundation buys the building

1972

Protesters from the American Indian Movement occupy the building



2010

2017 Department of Interior vacates the building

1930

1950

1970

2000

1940

1933

US Public Health Service moves into



1968

Department of Interior/Bureau of Indian Affairs moves into the building



2018

Federal Reserve Board acquires the building

2007

Listed in the National Register of Historic Places

1942 - 1946

President Roosevelt selects the building to house the offices of the Combined Chiefs of Staff and the Joint Chiefs of Staff

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### Flood Plans and Stormwater Management

### 1.12 FLOOD PLAINS & STORMWATER MANAGEMENT

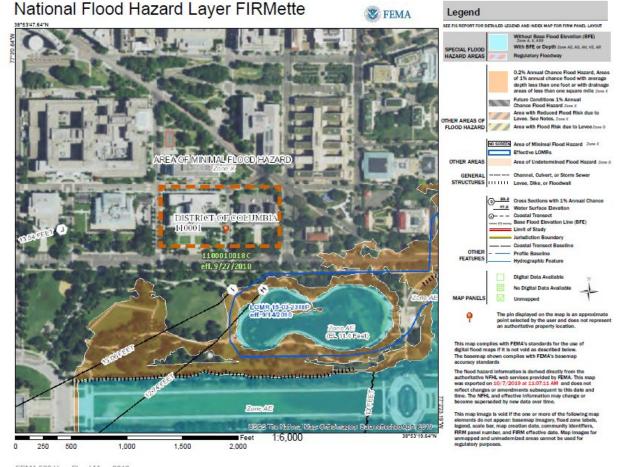
#### FLOOD PLAINS

The Eccles and FRB-East buildings are outside, but immediately adjacent to, the 100-year (1% Annual Chance) flood plain and the 500-year (0.2% Annual Chance) Flood Hazard Area. This project does not impact a wetlands area.

#### STORMWATER MANAGEMENT

Currently, both sites generally have little uncontrolled stormwater surface runoff due to comprehensive collection and conveyance structures. At the Eccles Building, this includes a rooftop inlet collection connected to the building's plumbing system; ground surface inlets connected to the building's plumbing system; and a French drain and sump inlet network serving the vegetative grounds connected to the building's plumbing system. At the FRB-East Building, most of the impervious surface runoff on the site is collected by a rooftop inlet collection and downspouts connected to the building's plumbing system; areaway drain inlets collected to the building's plumbing system; and parking lot area drain inlets connected to the building's plumbing system. Both properties do not currently have a stormwater management program in place.

DOEE requires all major regulated projects to comply with current Stormwater Management (SWM) retention requirements pursuant to Chapter 5 of Title 21 of the District of Columbia Municipal Regulations (DCMR). This project will trigger requirements of a Major Substantial Improvement (MSI) activity, a Major Land Disturbing (MLD) activity, and a Maximum Extent Practicable (MEP) compliance process for improvements within the public right-of-way. The project will be considered a major regulated project by DOEE.



FEMA 500 Year Flood Map, 2019

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10 National Capital Planning Commission File: 8113

# Eccles Building Existing Conditions, Constitution Avenue

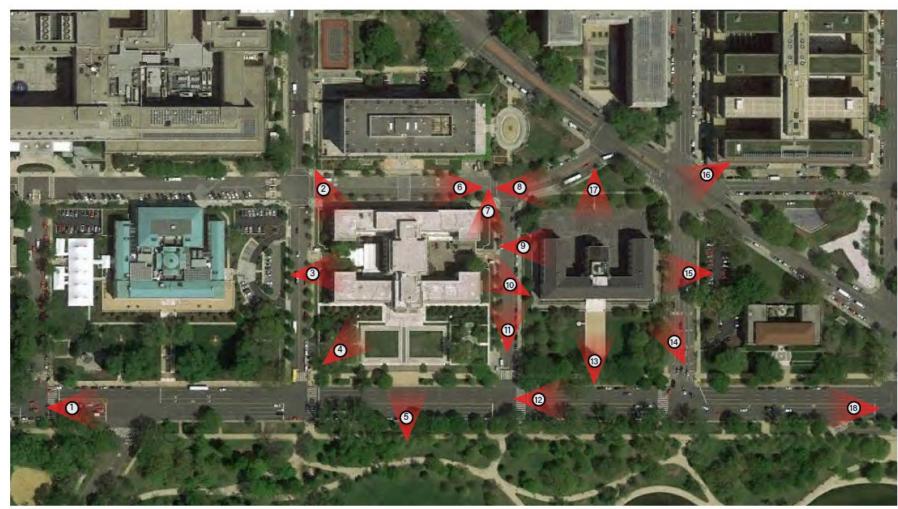


Eccles Garden

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### Project Context Photo Key

#### 2.2 PROJECT CONTEXT - PHOTOS



Kev Plan

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### **Existing Photos**





4. Eccles Building Fountain



2. Eccles Building NW View



5. Eccles Building South Facade



3. Eccles Building East Facade



6. C St West View

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### **Existing Photos**







8. C St East View





10. Eccles Building West Courtyard Entry



11. 20th St North View



12. Constitution Ave East View

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## **Existing Photos**







14. Constitution Ave View West



15. FRB-East Building East Facade



16. Virginia Ave and 19th St View



17. FRB-East Building North Facade



18. Constitution Ave View West

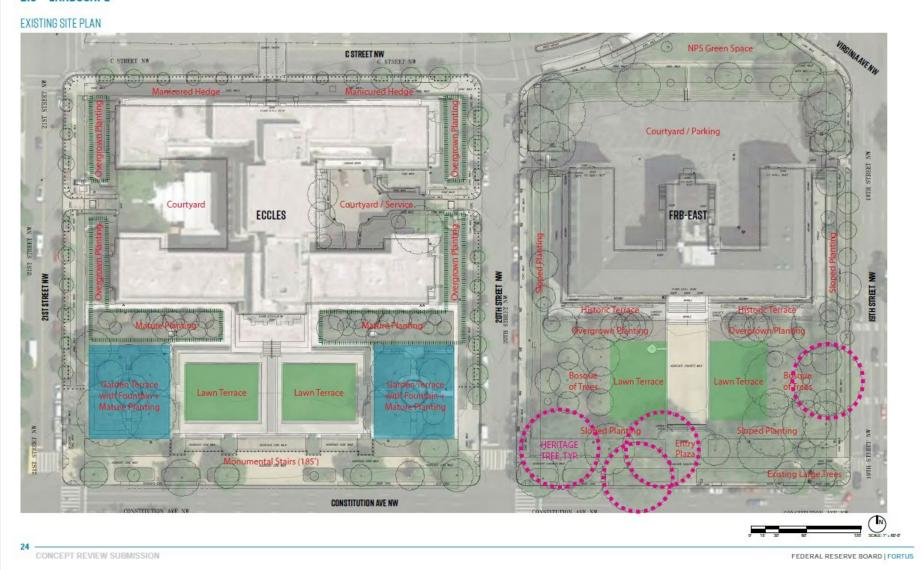
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23

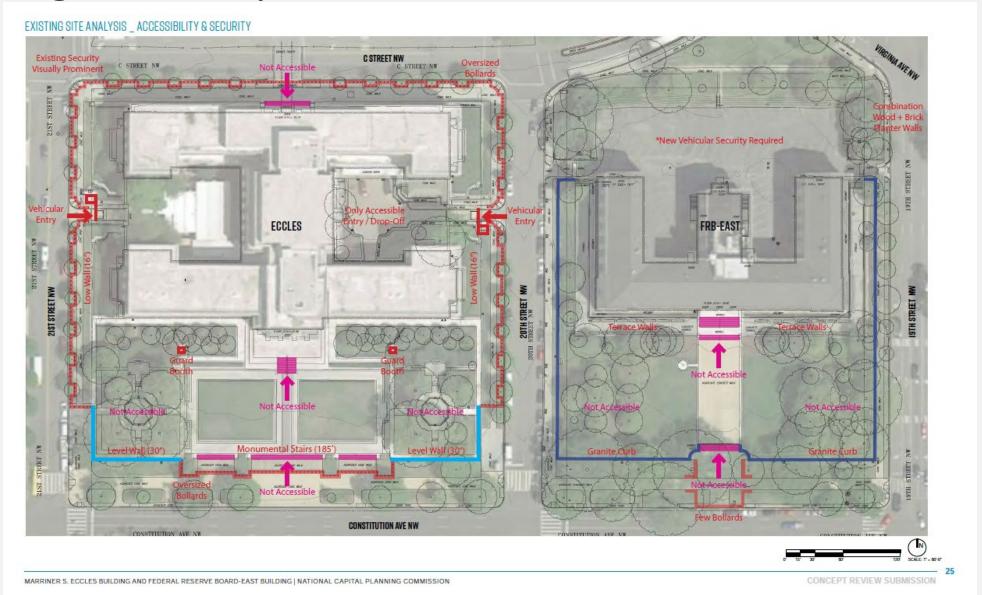
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### Landscape

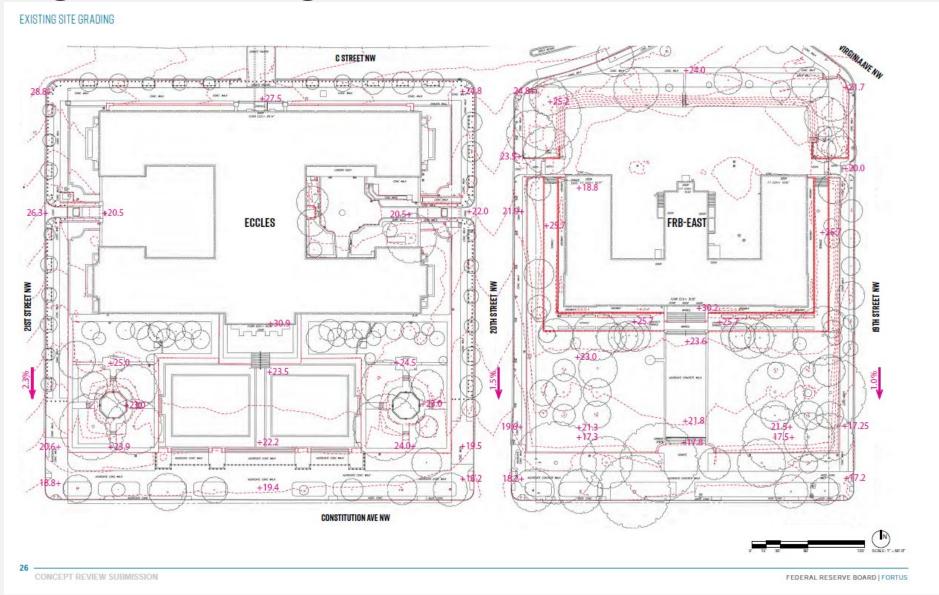
#### 2.3 LANDSCAPE



### **Existing Site Analysis**

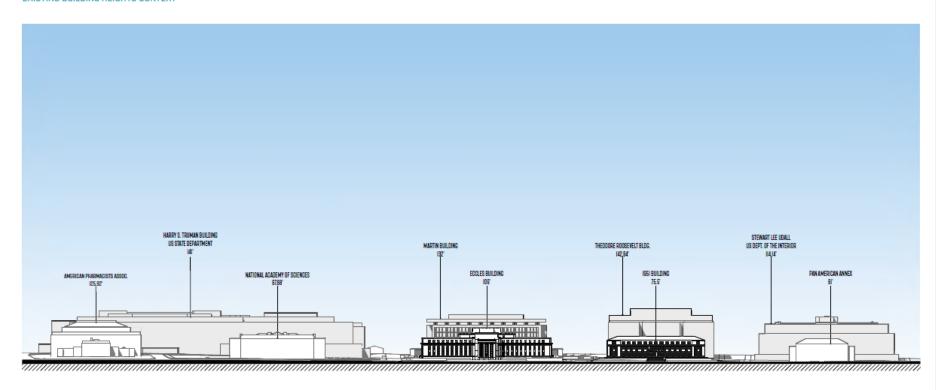


### **Existing Site Grading**



### **Existing Building Height Context**

EXISTING BUILDING HEIGHTS CONTEXT









National Academy of Sciences South Facade



Eccles Building South Facade



FRB-East Building South Facade



Pan American Annex South Facade

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21

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### **Eccles Building Existing Conditions**

#### 2.4 ECCLES BUILDING

EXISTING CONDITION PHOTOGRAPHS



South Facade







East Courtyard Entry Courtyard Fountain

28

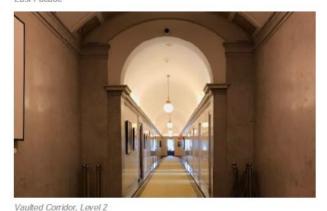
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### **Eccles Building Existing Conditions**



East Facade









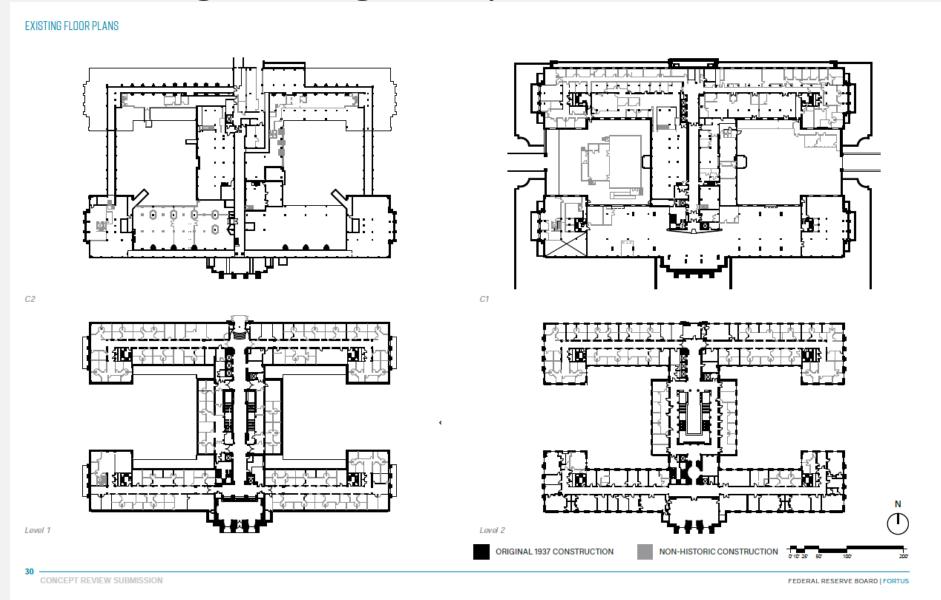
Monumental Stair Hall

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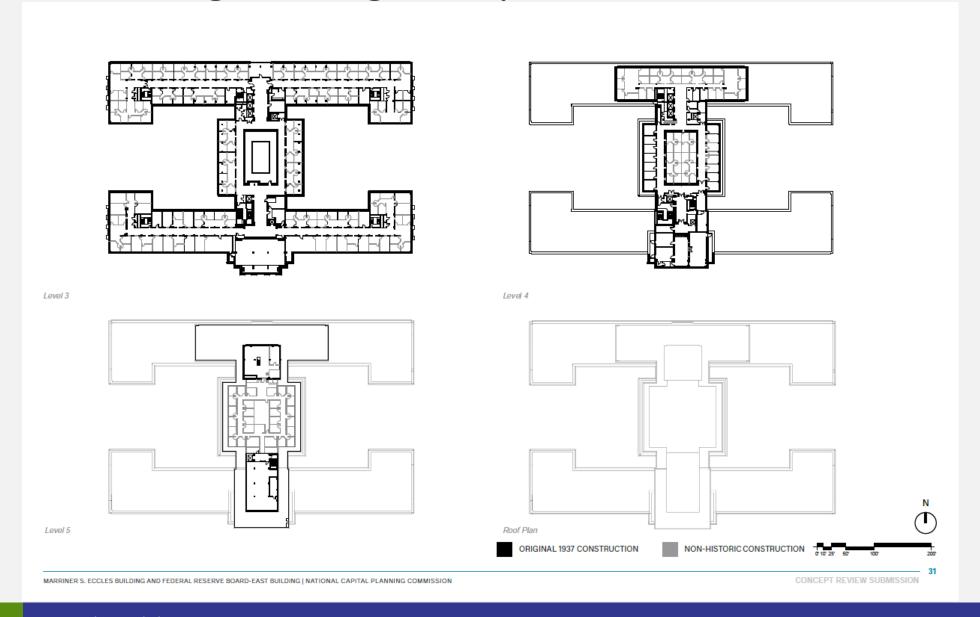
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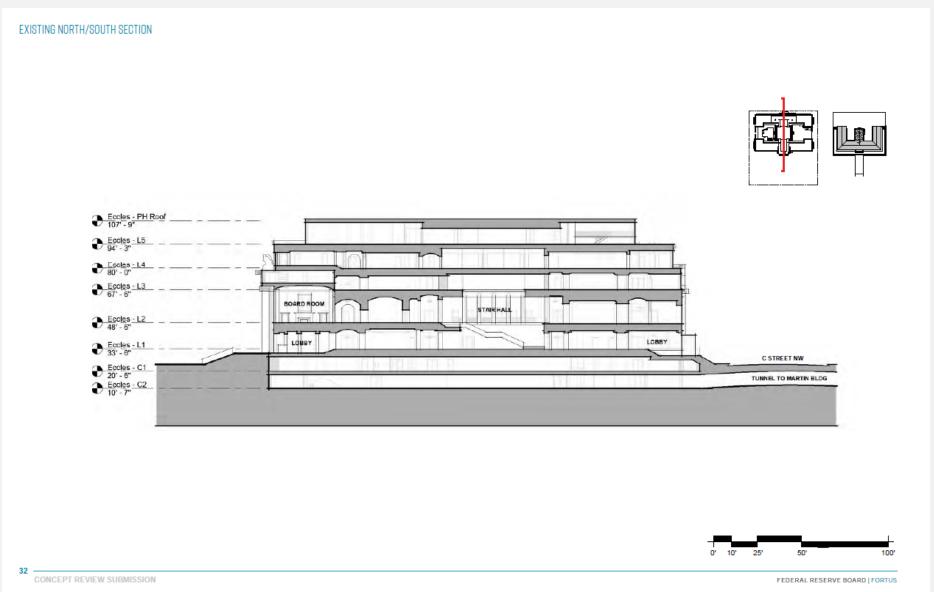
### **Eccles Building Existing Floorplans**



### **Eccles Building Existing Floorplans**



### Eccles Existing North/South Section



### FRB East Building Existing Conditions

#### 2.5 FRB-EAST BUILDING

**EXISTING CONDITION PHOTOGRAPHS** 



South Facade







East Terrace

NE Comer View

North Facade

34

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### FRB East Building Existing Conditions



North Facade



Surgeon General's Office

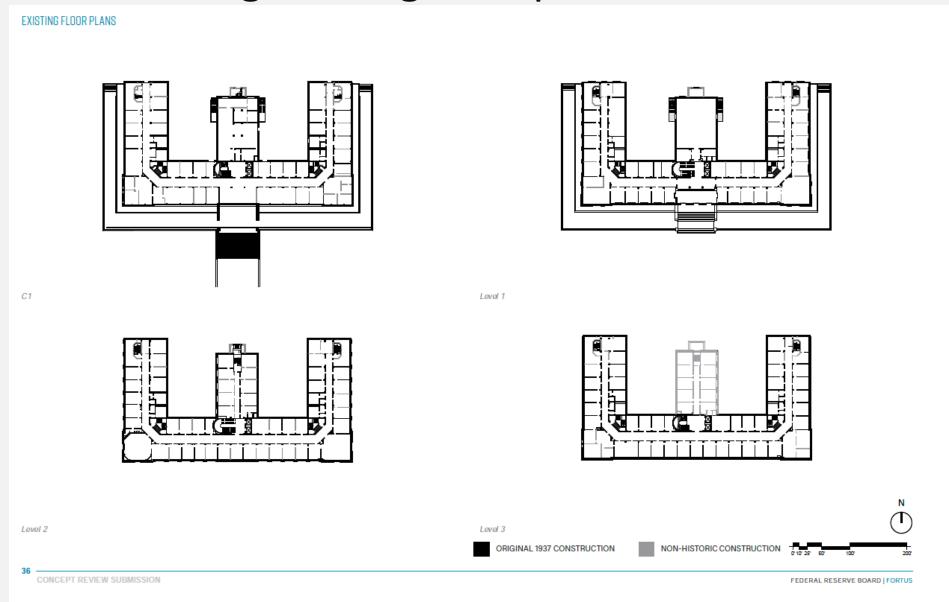


Main Stair

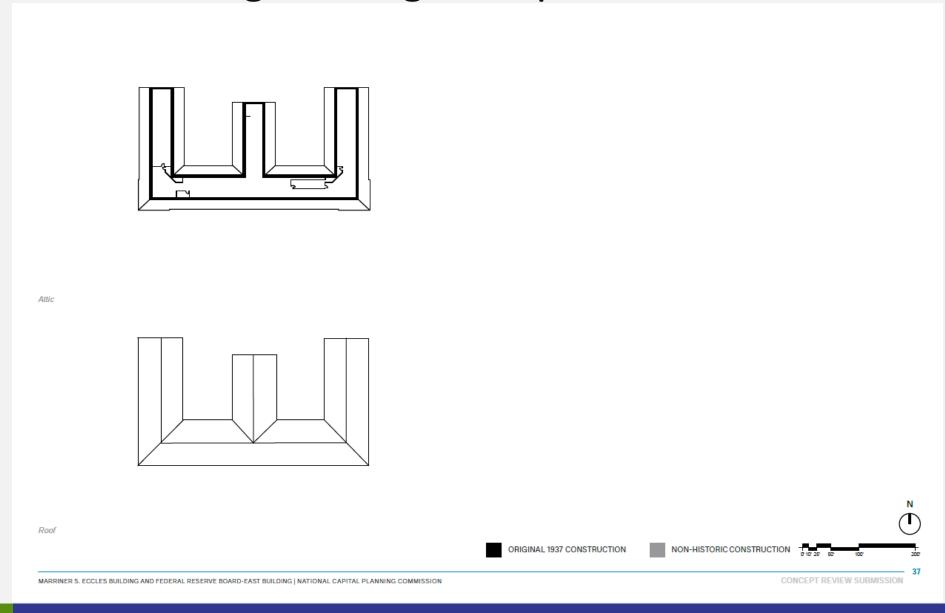
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### FRB East Building Existing Floorplans



### FRB East Building Existing Floorplans



### **Concept Options Summary**







#### **ECCLES**

East Courtyard Covered
West Courtyard Covered
N/S Links Setback - Feet
Historic Fountains
Gate & Entry Walls to the Courtyards
Governors Parking

#### FEDERAL RESERVE BOARD-EAST

Height of Addition Center Wing Octagon & Historic Lobby

#### POPULATION

Program Requirement - 1,750 Seats

#### **PARKING**

Location
Parking Entrance
Parking Exit
Ventilation & Emergency Exits

#### OPTION A

Yes No 5' Preserved Removed Maintained in Location

### 6 Levels + PH

Preserved and Raised Preserved

#### (183)

FRB-East South Lawn 19t St - Terrace End 20th St - Terrace End Concealed within areaway

#### **OPTION B (PREFERRED)**

Yes
Yes
15'
Preserved
Preserved
Relocated below 20th St

#### 5 Levels + PH

Removed Preserved

#### (46)

FRB-East South Lawn/20th St 19t St - Terrace End 20th St - Mid Terrace Concealed within areaway

#### **OPTION C**

Yes No 5' Preserved Modified Maintained in Location

#### 7 Levels + PH Preserved Preserved

(217)

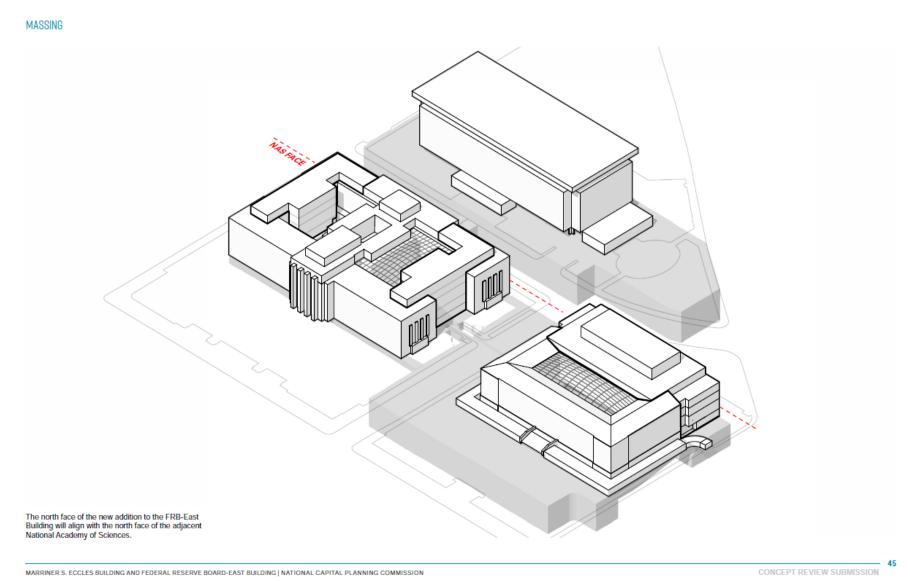
#### Under FRB-East Addition 19t St - Under Addition 20th St - Under Addition Within Addition

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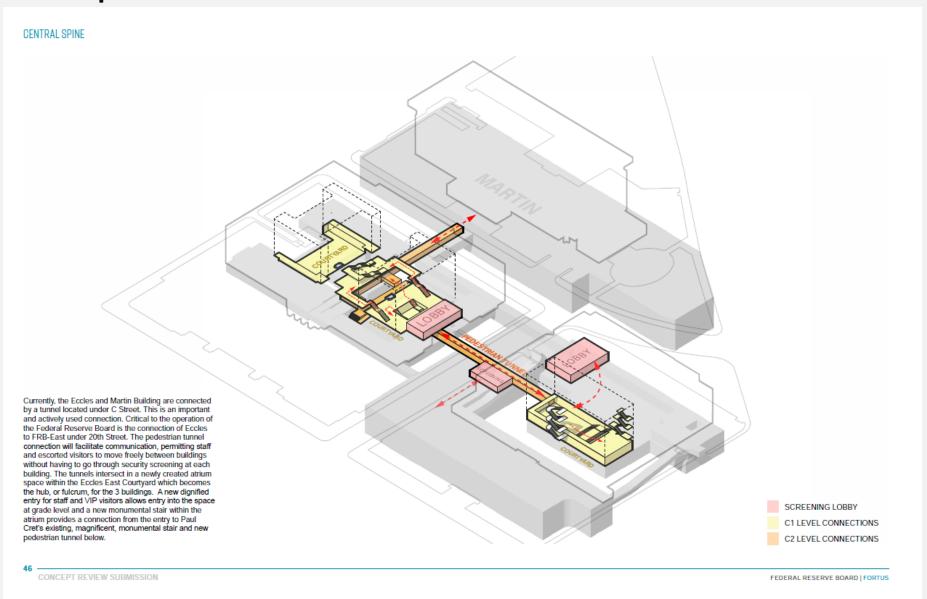
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### Massing



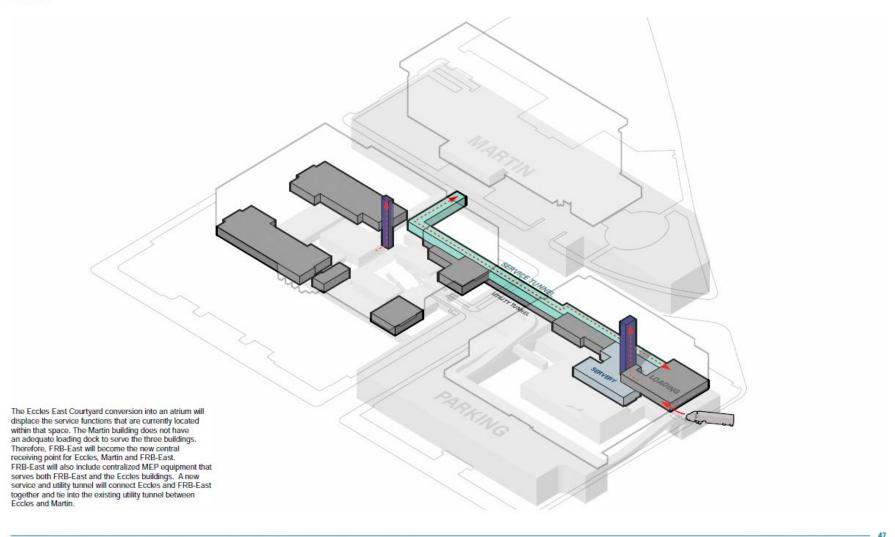
### **Central Spine**



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### Service

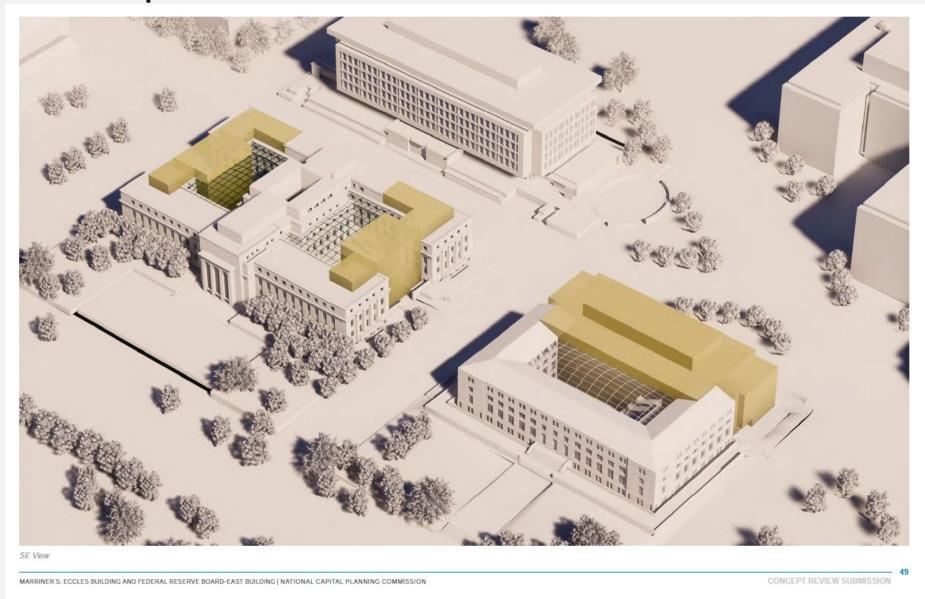
#### SERVICE



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# Preferred Option B



### Preferred Option B

### **OPTION B (PREFERRED OPTION)**

#### ECCLES

East Courtyard Covered Yes
West Courtyard Covered Yes
N/S Links Setback - Feet 15'
Historic Fountains Preserved
Gate & Entry Walls to the Courtyards Preserved
Governors Parking Relocated below 20th St

#### FEDERAL RESERVE BOARD-EAST

Height of Addition 5 Levels + PH
Center Wing Removed
Octagon & Historic Lobby Preserved

#### POPULATION

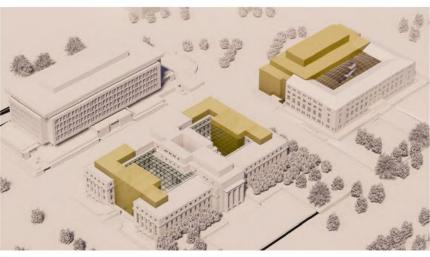
Program Requirement - 1,750 Seats (46)

#### PARKING

LocationFRB-East South Lawn/20th StParking Entrance19t St - Terrace EndParking Exit20th St - Mid TerraceVentilation & Emergency ExitsConcealed within areaway



NE View



SW View

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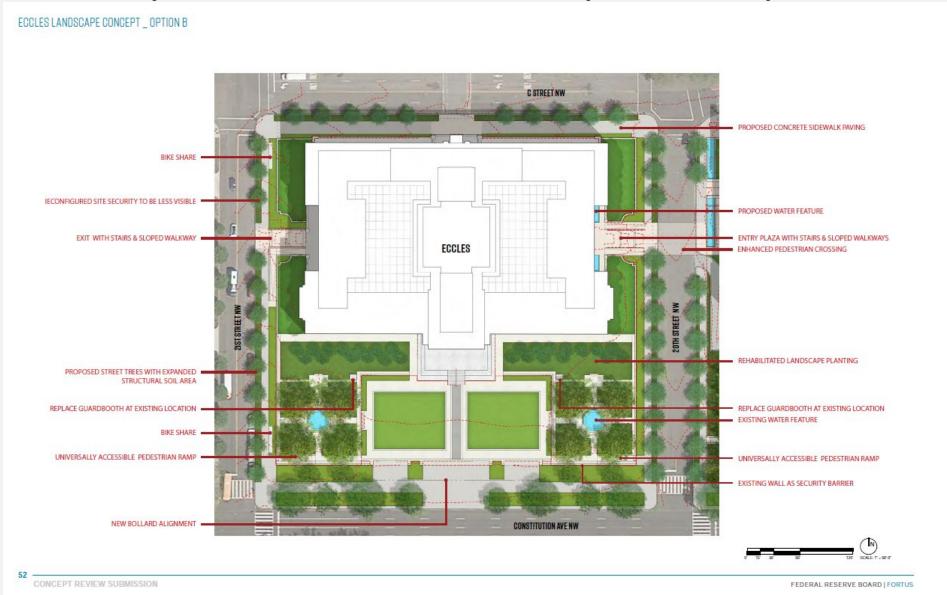
### Preferred Option B Landscape

# LANDSCAPE PROPOSED SITE PLAN C STREET NW **ECCLES** FRB-EAST

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### Preferred Option B Eccles Landscape Concept



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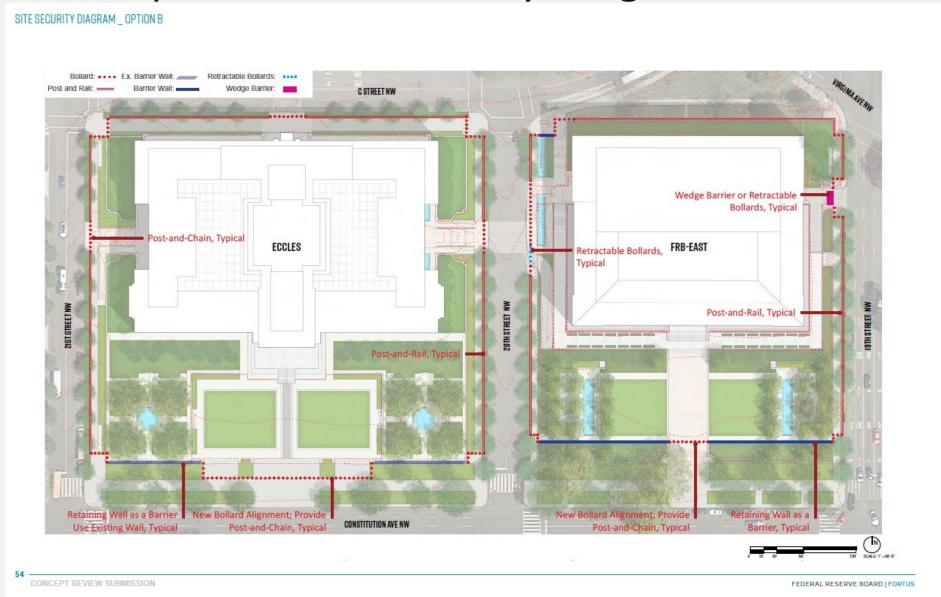
# Preferred Option N FRB-East Building Landscape Concept



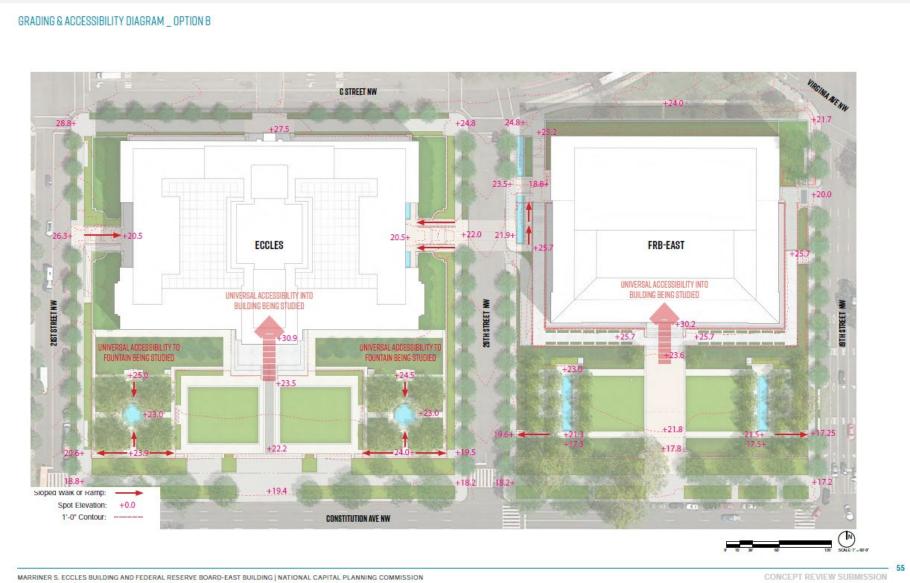
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#### Preferred Option B Site Security Program



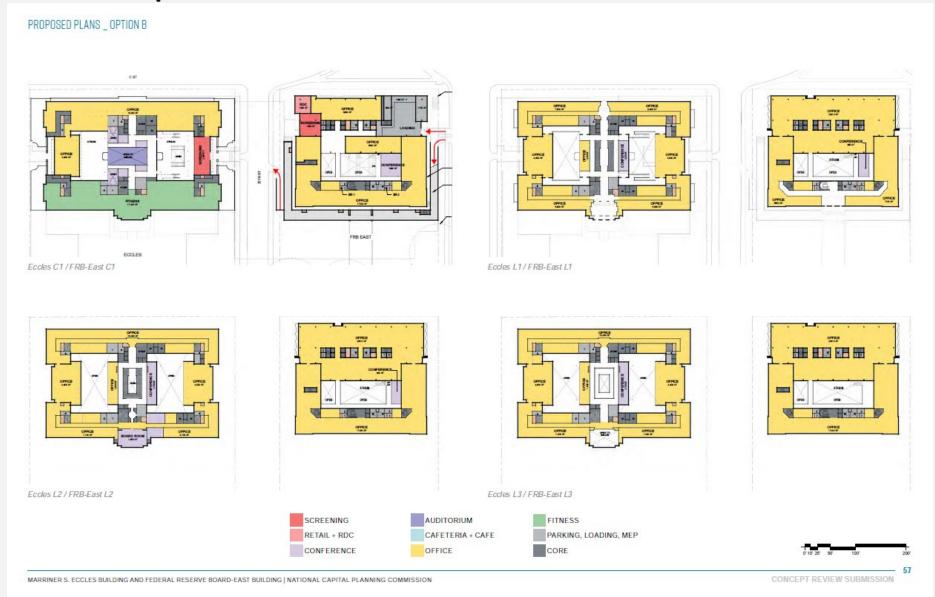
# Preferred Option B Grading



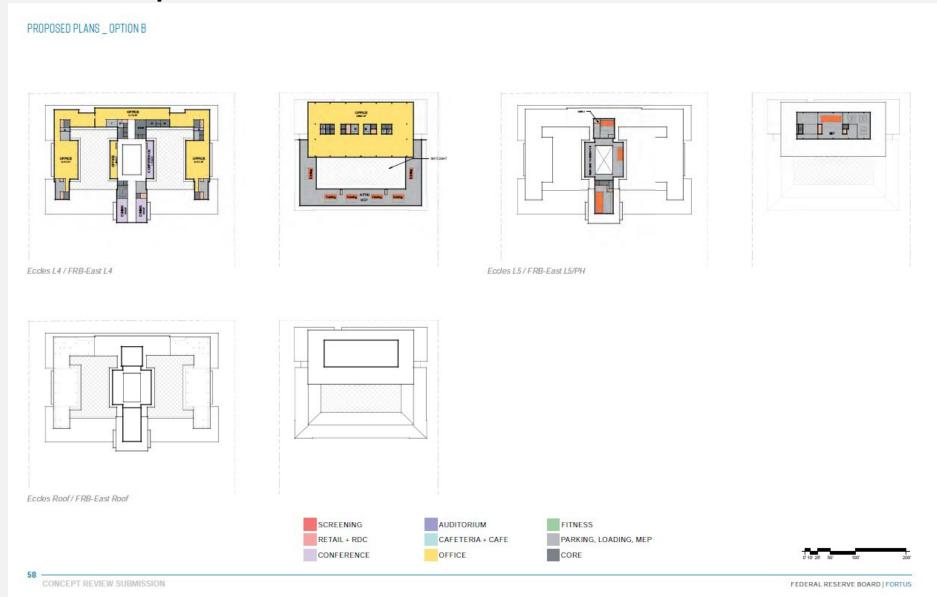
## Preferred Option B Plans



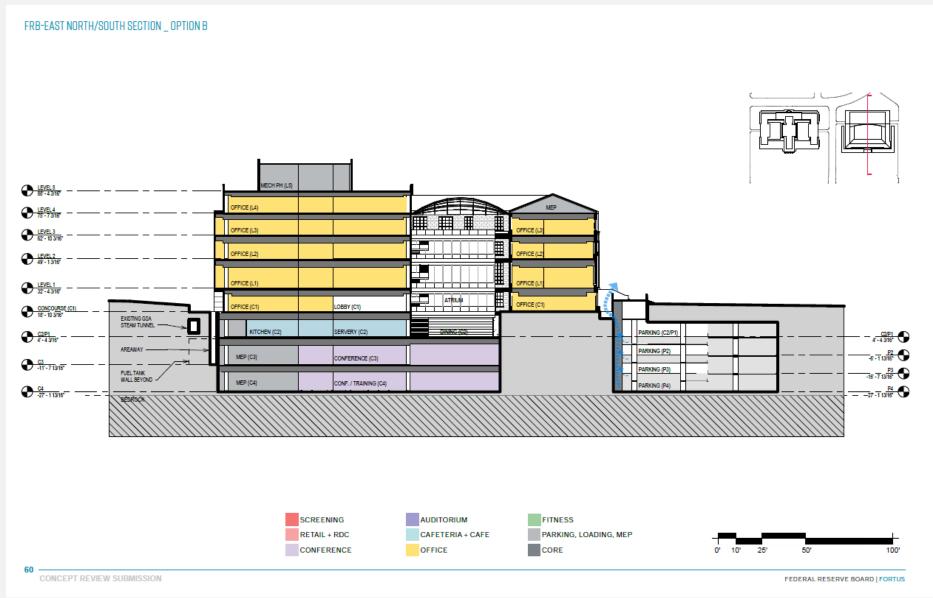
## Preferred Option B Plans



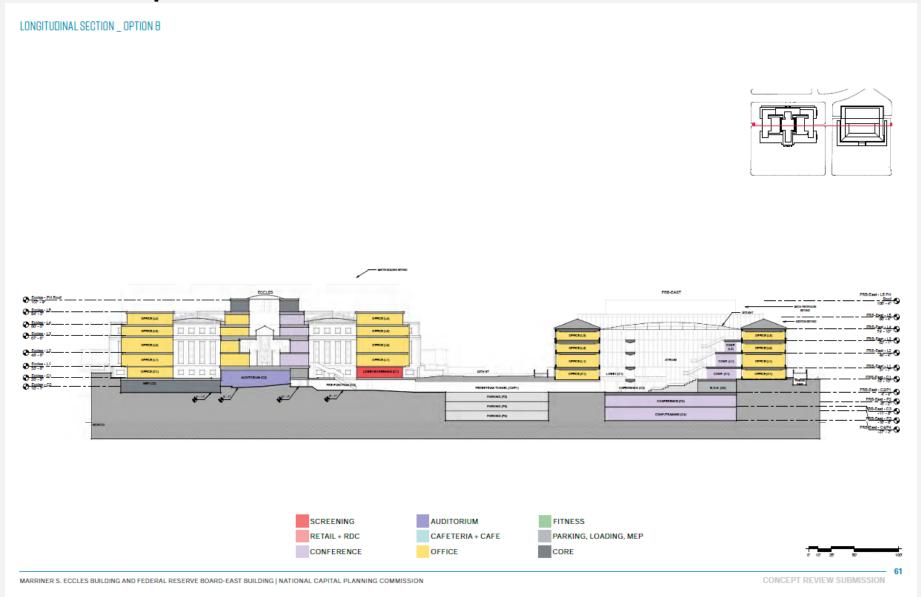
# Preferred Option B Plans



## FRB East Building Sections Preferred Option B



## Preferred Option B Section





PERSPECTIVE FROM 20TH ST AND CONSTITUTION AVE \_ OPTION B

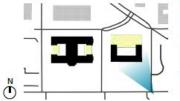




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PERSPECTIVE FROM 19TH ST AND CONSTITUTION AVE \_ OPTION B



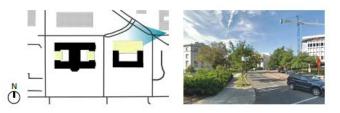




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PERSPECTIVE FROM VIRGINIA AVE AND C ST \_ OPTION B





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PERSPECTIVE FROM C ST \_ OPTION B





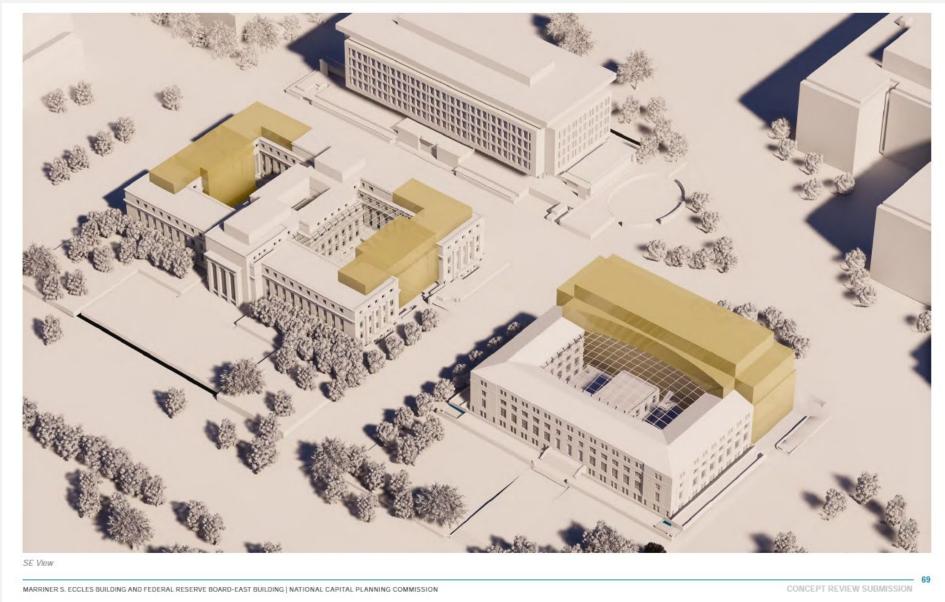
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PERSPECTIVE FROM C ST \_ OPTION B 11111111111

# Option A



#### Option A

#### **OPTION A**

East Courtyard Covered Yes
West Courtyard Covered No
N/S Links Setback - Feet 5'
Historic Fountains Preserved
Gate & Entry Walls to the Courtyards Removed
Governors Parking Maintained in Location

FEDERAL RESERVE BOARD-EAST

Height of Addition 6 Levels + PH
Center Wing Preserved and Raised
Octagon & Historic Lobby Preserved

**POPULATION** 

Program Requirement - 1,750 Seats (183)

PARKING

Location FRB-East South Lawn
Parking Entrance 19t St - Terrace End
Parking Exit 20th St - Terrace End
Ventilation & Emergency Exits Concealed within areaway

NE View



SW View

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# Option A Landscape

#### LANDSCAPE

PROPOSED SITE PLAN \_ OPTION A

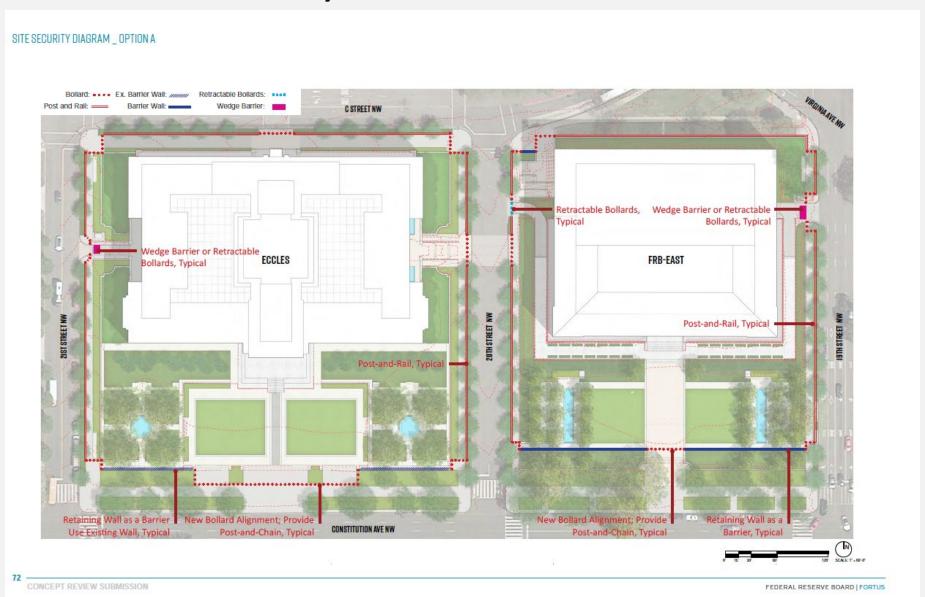


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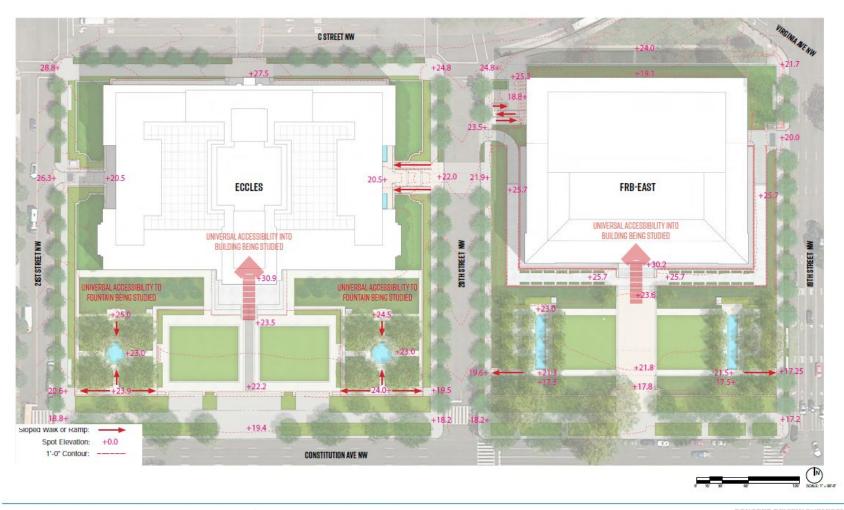
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#### **Option A Site Security**



## **Option A Grading**

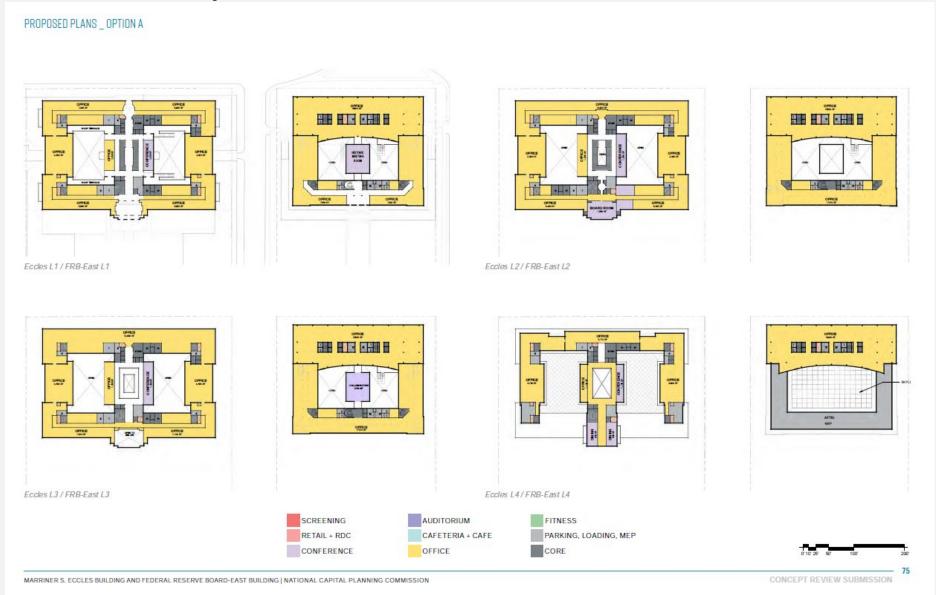
GRADING & ACCESSIBILITY DIAGRAM \_ OPTION A

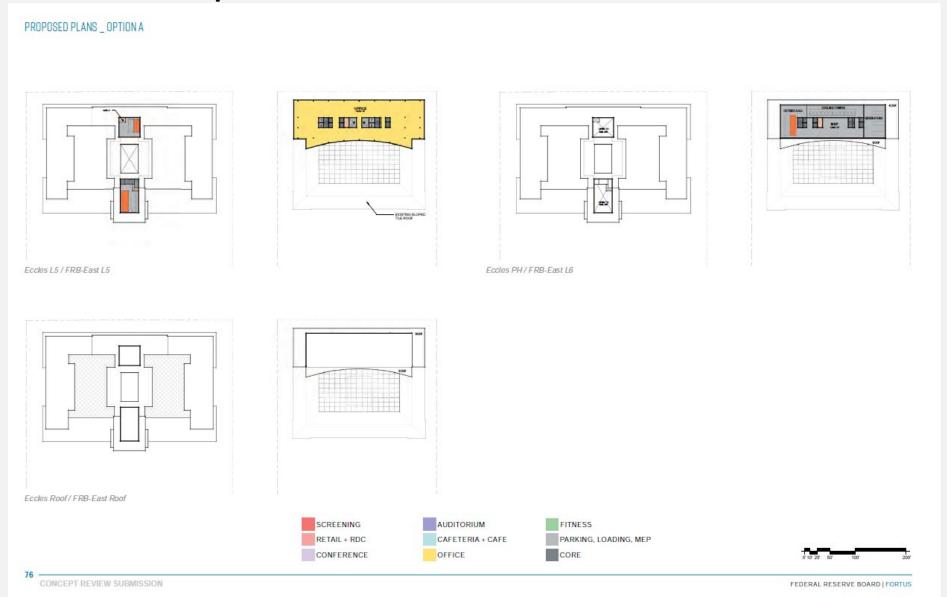


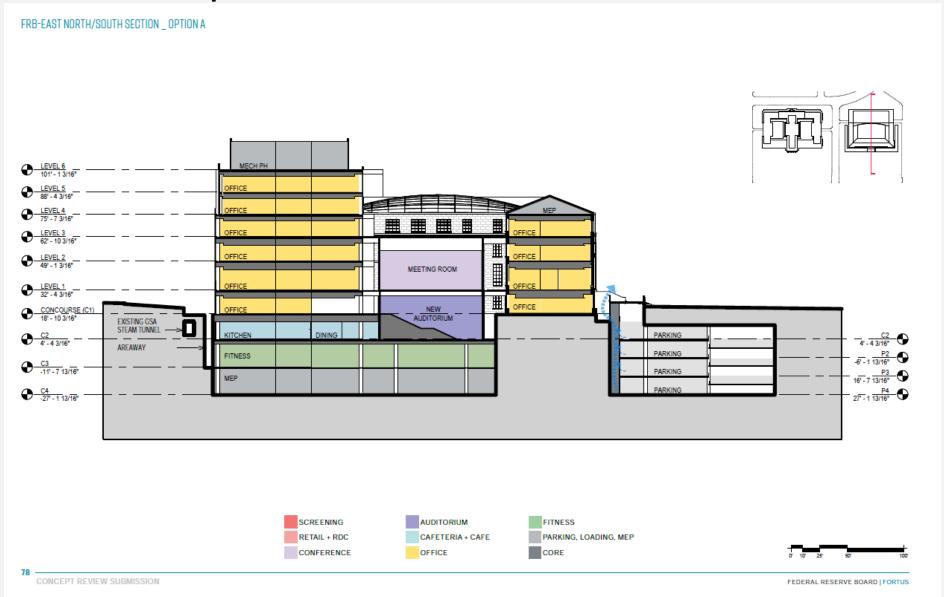
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## Option A Sections

LONGITUDINAL SECTION \_ OPTION A O Eccles C3 FITNESS SCREENING PARKING, LOADING, MEP RETAIL + RDC CAFETERIA + CAFE CONFERENCE CONCEPT REVIEW SUBMISSION MARRINER S. ECCLES BUILDING AND FEDERAL RESERVE BOARD-EAST BUILDING | NATIONAL CAPITAL PLANNING COMMISSION



PERSPECTIVE FROM 20TH ST AND CONSTITUTION AVE \_ OPTION A





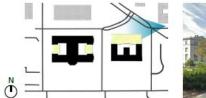
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PERSPECTIVE FROM 19TH ST AND CONSTITUTION AVE \_ OPTION A CONCEPT REVIEW SUBMISSION FEDERAL RESERVE BOARD | FORTUS

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PERSPECTIVE FROM VIRGINIA AVE AND C ST \_ OPTION A



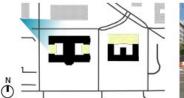




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PERSPECTIVE FROM C ST \_ OPTION A

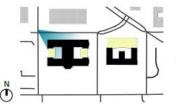






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PERSPECTIVE FROM C ST \_ OPTION A



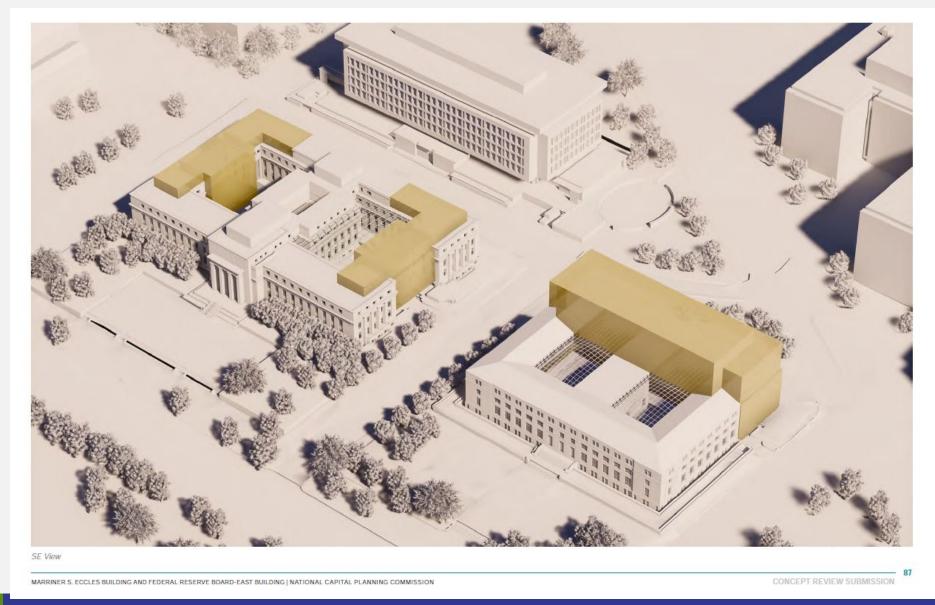




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# Option C



## Option C

#### **OPTION C**

#### ECCLES

East Courtyard Covered Yes
West Courtyard Covered No
N/S Links Setback - Feet 5'
Historic Fountains Preserved
Gate & Entry Walls to the Courtyards Modified
Governors Parking Maintained in Location

#### FEDERAL RESERVE BOARD-EAST

Height of Addition 7 Levels + PH
Center Wing Preserved
Octagon & Historic Lobby Preserved

#### POPULATION

Program Requirement - 1,750 Seats (217)

#### PARKING

Location Under FRB-East Addition
Parking Entrance 19t St - Under Addition
Parking Exit 20th St - Under Addition
Ventilation & Emergency Exits Within Addition



NE View



SW View

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# Option C Landscape

#### LANDSCAPE

PROPOSED SITE PLAN \_ OPTION C

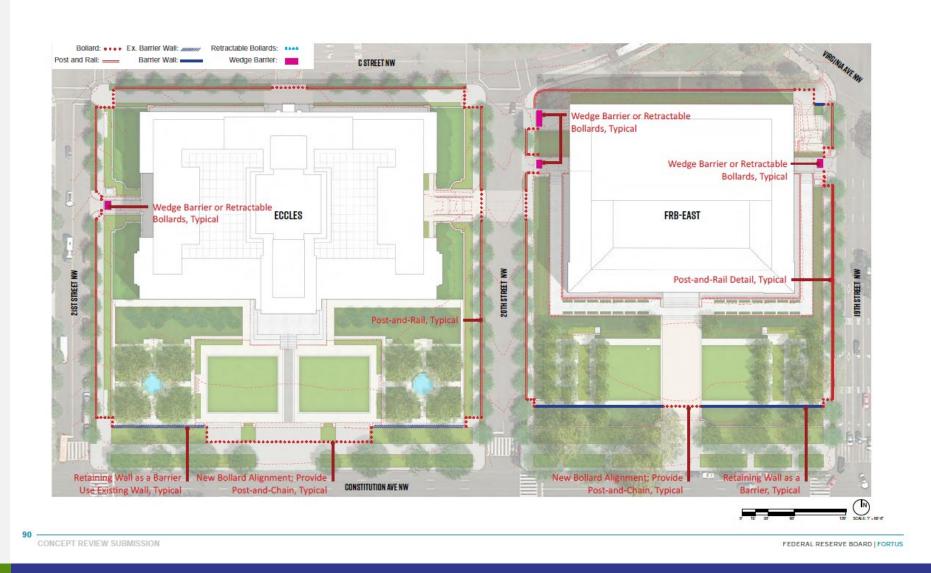


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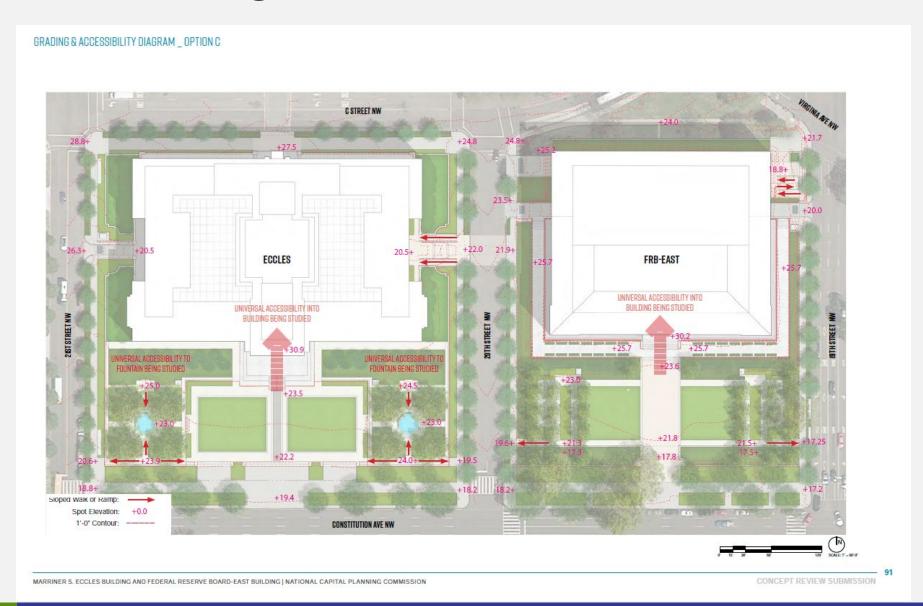
CONCEPT REVIEW SUBMISSION

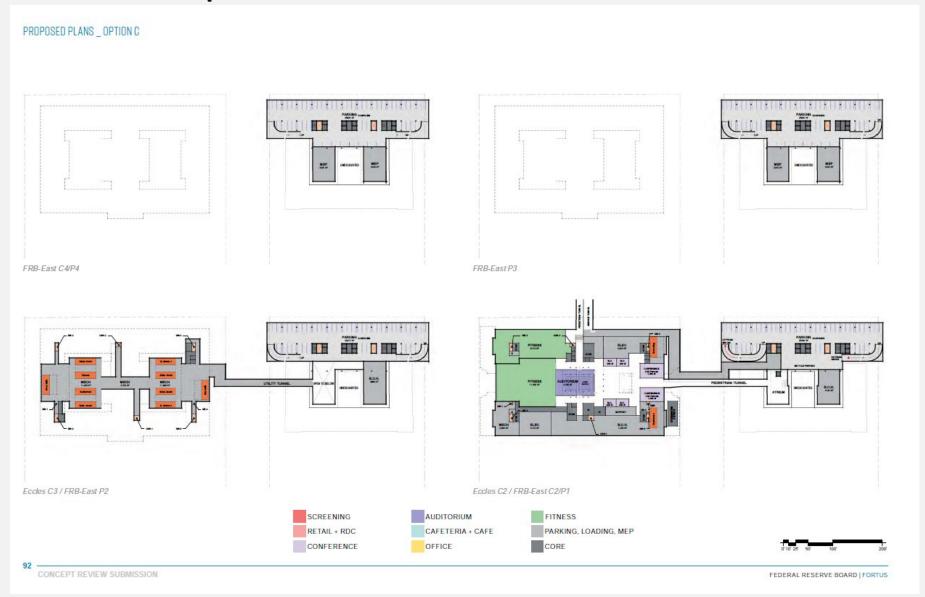
#### Option C Site Security

SITE SECURITY DIAGRAM \_ OPTION C

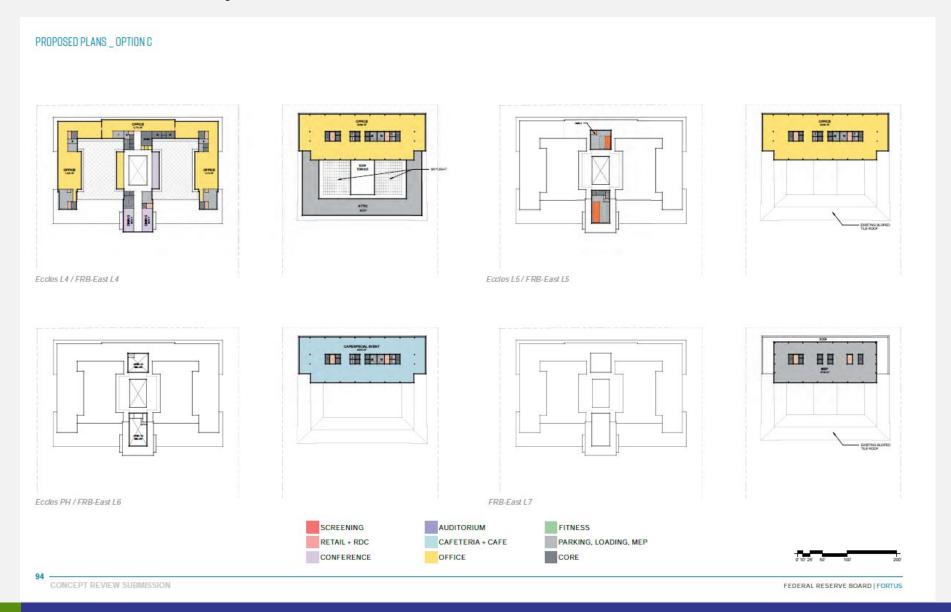


# **Option C Grading**



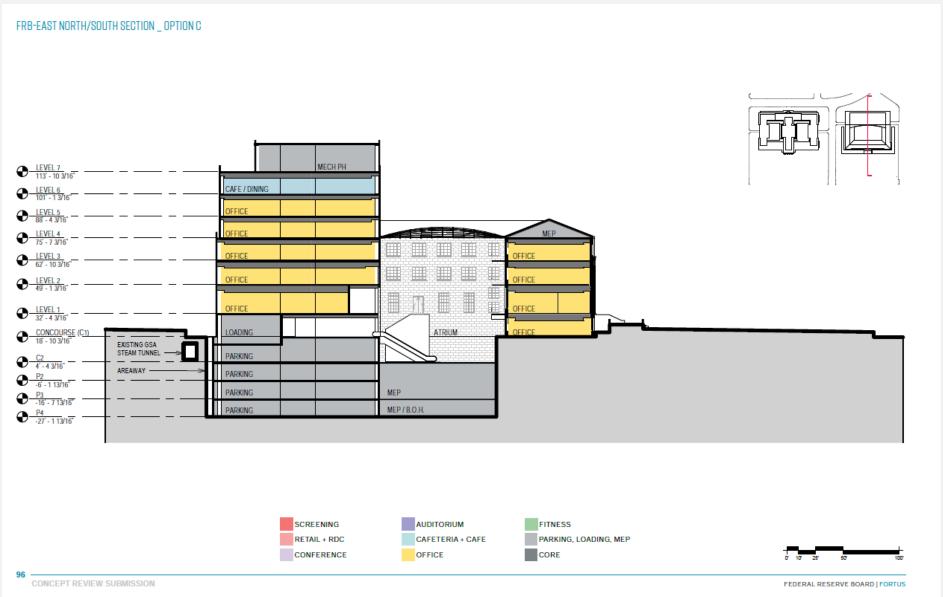




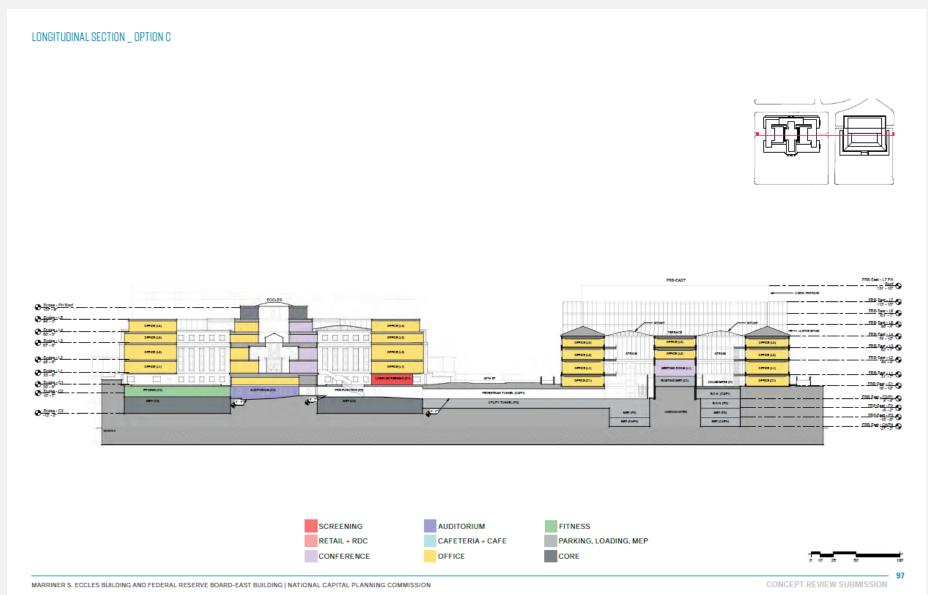




#### Option C Section

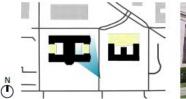


# Option C Section





PERSPECTIVE FROM 20TH ST AND CONSTITUTION AVE \_ OPTION C



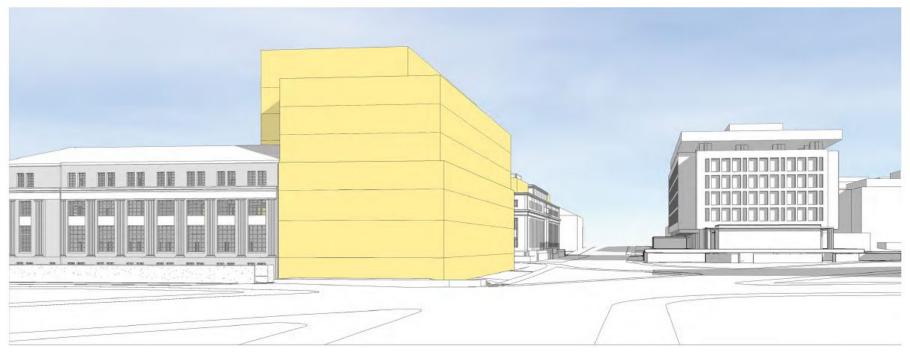




PERSPECTIVE FROM 19TH ST AND CONSTITUTION AVE \_ OPTION C CONCEPT REVIEW SUBMISSION FEDERAL RESERVE BOARD | FORTUS

PERSPECTIVE FROM VIRGINIA AVE AND C ST \_ OPTION C



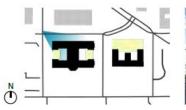


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PERSPECTIVE FROM C ST \_ OPTION C







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