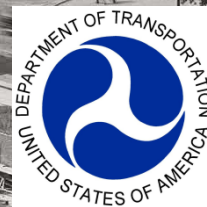


UNION STATION

Section 106 Consulting Party Meeting

September 10, 2012



UNION STATION
REDEVELOPMENT
CORPORATION



Invited Consulting Parties

Advisory Council on Historic
Preservation
Rep. Eleanor Holmes Norton
Advisory Neighborhood
Commission 6C
D.C. Historic Preservation Officer
D.C. Office of Planning
D.C. Dept. of Transportation
Commission of Fine Arts
National Capital Planning
Commission
National Park Service
Greyhound
Amtrak

Virginia Railway Express
WMATA
Baltimore & Ohio Railroad Museum
Capitol Hill Business Improvement
District
Capitol Hill Restoration Society
Committee of 100 on the Federal City
D.C. Preservation League
National Capital Trolley Museum
National Railway Historical Society
National Trust for Historic
Preservation
NoMa Business Improvement District
Washington Chapter, AIA



MOA Signatories

- Union Station Redevelopment Corporation (USRC)
- Federal Railroad Administration (FRA)
- D.C. Historic Preservation Officer (DC HPO)
- Advisory Council on Historic Preservation (ACHP)
- Union Station Investco (USI)



Consultation Purpose

- Where We Were
- How We Got Here
- Where We Are
- Receive comments and suggestions from invited Consulting Parties and the Public
- Discuss Mitigation

Existing Center Café



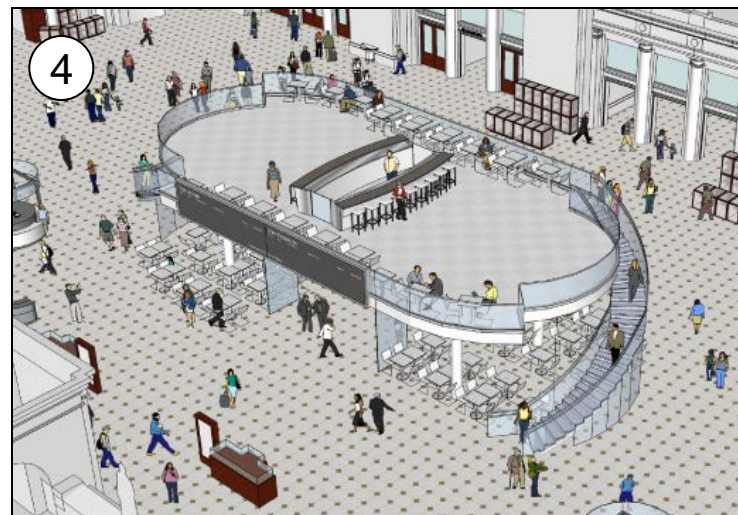
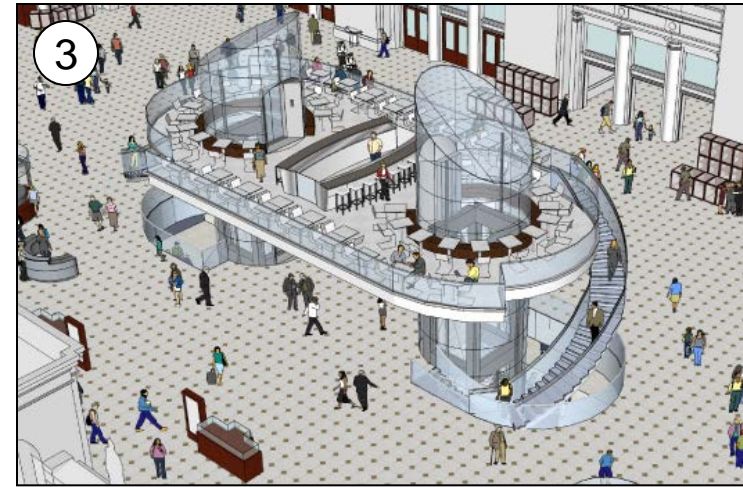
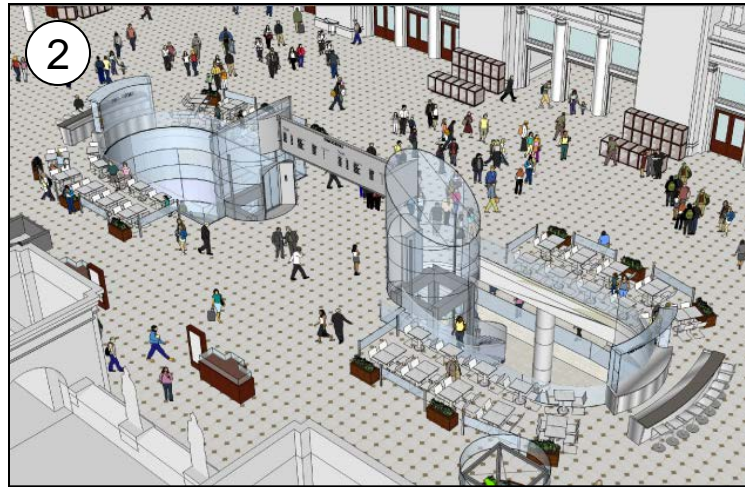


Where We Were

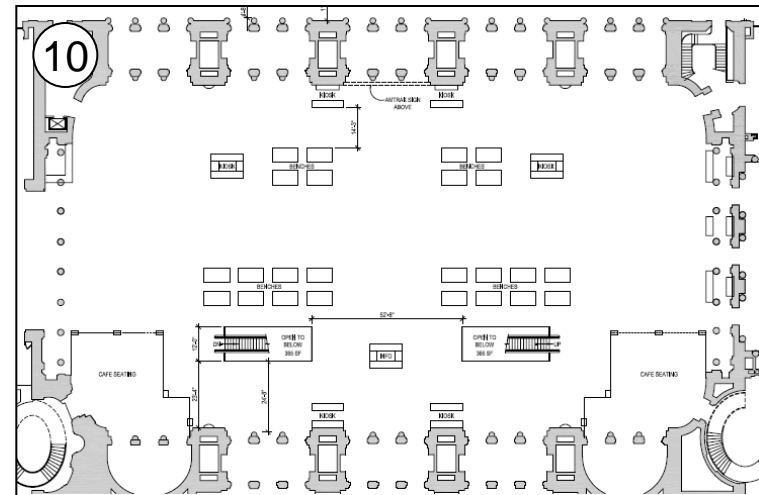
Initial Proposal (June 2010)



Design Alternatives

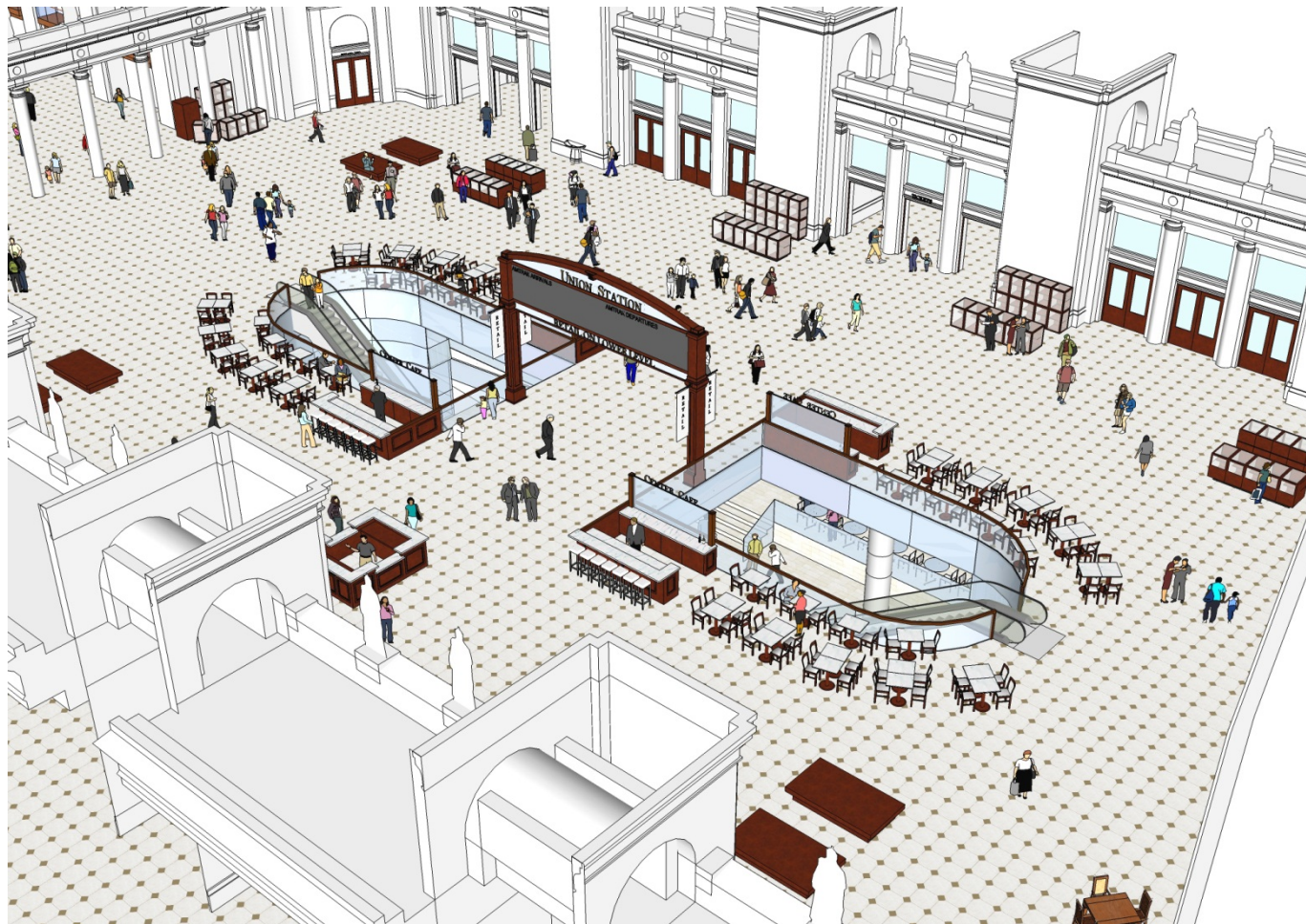


Design Alternatives contd.

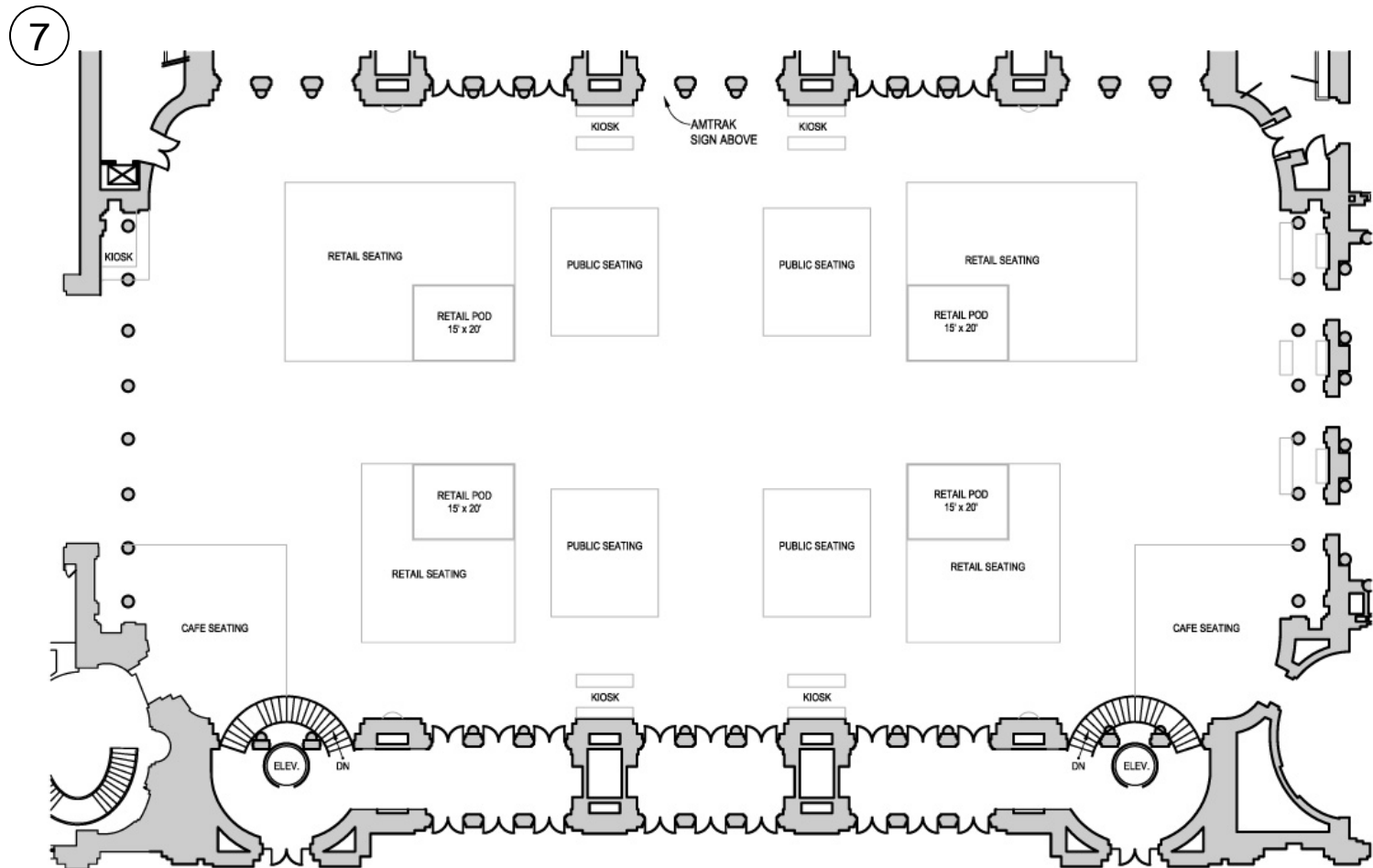


Design Alternatives contd.

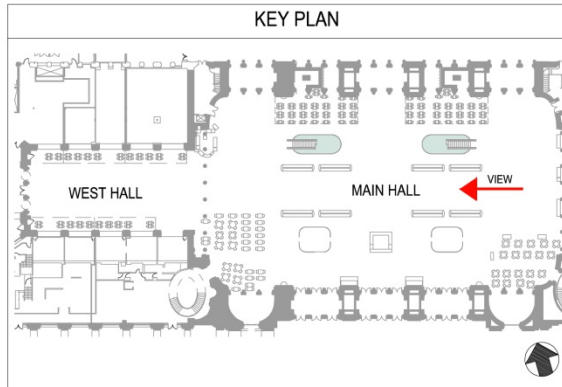
6



Design Alternatives contd.



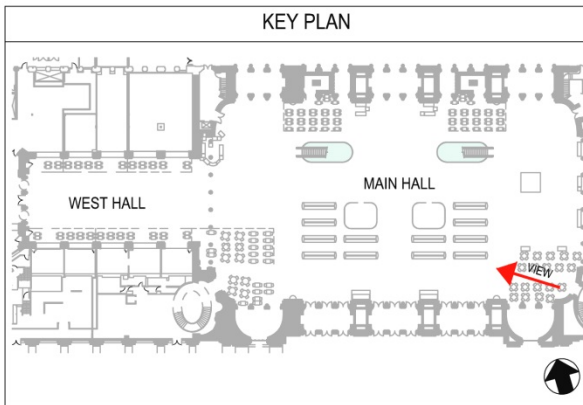
Design Alternative 11 (December 2010)



MAIN HALL: 1921-1922



Design Alternative 11a



MAIN HALL: 1948

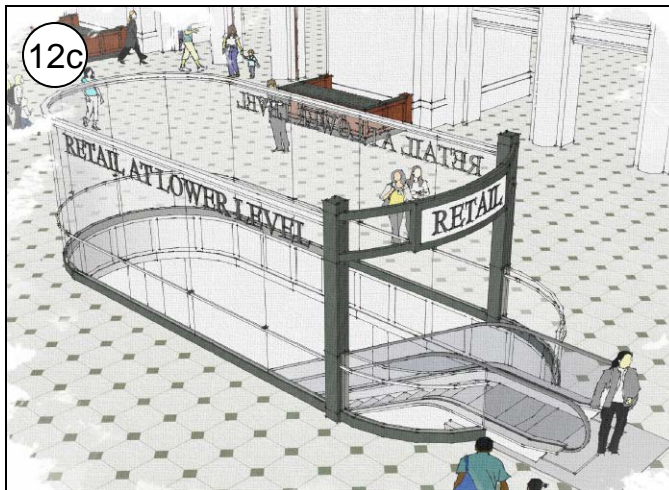
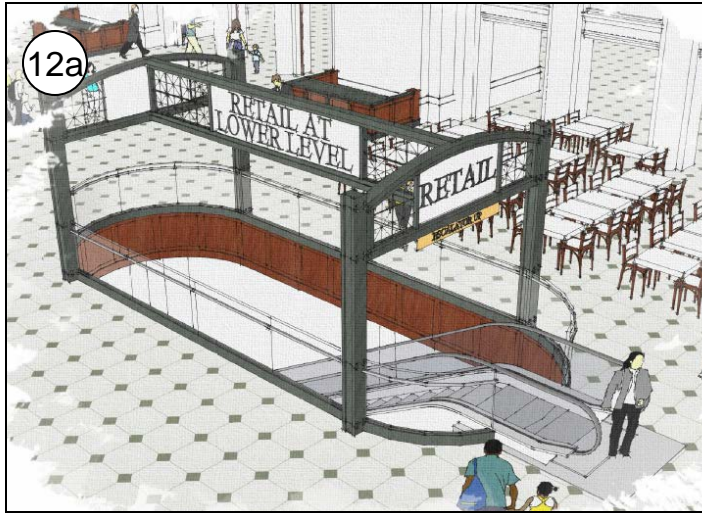




Design Alternative 12 (July 2011)



Design Alternatives contd.

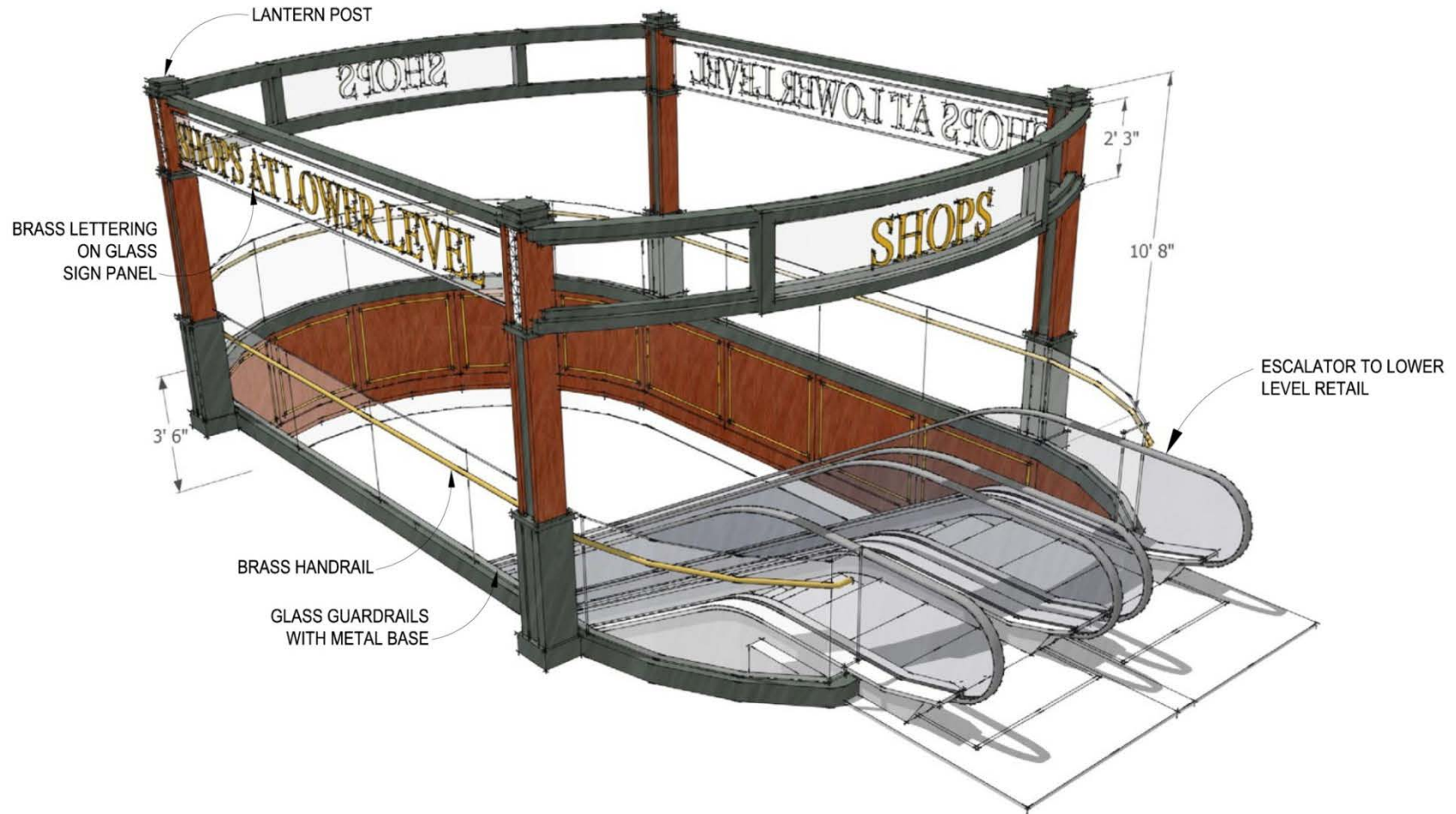




Design Alternative 12e



Design Alternative 12e





COMMENTS ON SCHEME 12

- We received 108 comments on the scheme
- Topics addressed in comments:
 - Penetrations
 - Circulation & Flow
 - Movable Furniture
 - Public Outreach
 - Comprehensive/ Master Plan
 - Preservation Plan
 - Wayfinding
 - Initial Proposal
 - Mitigation
 - Amtrak/ Amtrak Sign
 - Data
 - Design
 - ADA



How We Got Here

- Letter of adverse effect



U.S. Department
of Transportation

**Federal Railroad
Administration**

1200 New Jersey Avenue, SE
Washington, DC 20590

Ms. Louise D. Brodnitz
Advisory Council on Historic Preservation
1100 Pennsylvania Avenue, N.W.
Washington, DC 20004

RE: Washington Union Station
Main Hall Alterations
Notification of Adverse Effect

Dear Ms. Brodnitz:

In accordance with section 800.6(a)(1) of the Advisory Council on Historic Preservation's (Council) regulations implementing the National Historic Preservation Act, the Federal Railroad Administration (FRA) is notifying the Council of an adverse effect determination in connection with a proposed undertaking at Washington Union Station (Union Station). USInvestco (USI), the holder of the building's long-term sublease, proposes alterations to the Main Hall at Union Station (as described in greater detail below and in the attached DRAFT Assessment of Effects Report) that FRA and the other involved participants have concluded would constitute an adverse effect on Union Station. The proposed project has the support of Union Station Redevelopment Corporation (USRC) and the FRA. This letter further serves to formally invite the Council to participate as a signatory on a Memorandum of Agreement (MOA) among the FRA, USRC, USI, and the District of Columbia State Historic Preservation Officer (DCSHPO). The Council has previously indicated an interest in participating in the Section 106 process for this project and it is our assumption that the Council will continue to do so.

FRA has documented the undertaking in accordance with section 800.11 (e) Finding of no adverse effect or adverse effect. A summary of this documentation is presented in this letter; full documentation of the Section 106 process can be found in the attached DRAFT Assessment of Effects Report (see Attachment #1: DRAFT Assessment of Effects Report). Accordingly, this letter includes a summary of the following information:

- (1) A description of the undertaking, specifying Federal involvement, and its area of potential effects, including photographs, maps, and drawings, as necessary.
- (2) A description of the steps taken to identify historic properties;
- (3) A description of the affected historic properties, including information on the characteristics that qualify them for the National Register;
- (4) A description of the undertaking's effect on the historic properties;
- (5) An explanation of why the criteria of adverse effect were found applicable or inapplicable, including any conditions or future actions to avoid, minimize, or mitigate adverse effects;
- (6) A description of the public involvement





Design Alternative 12e



Where We Are Now

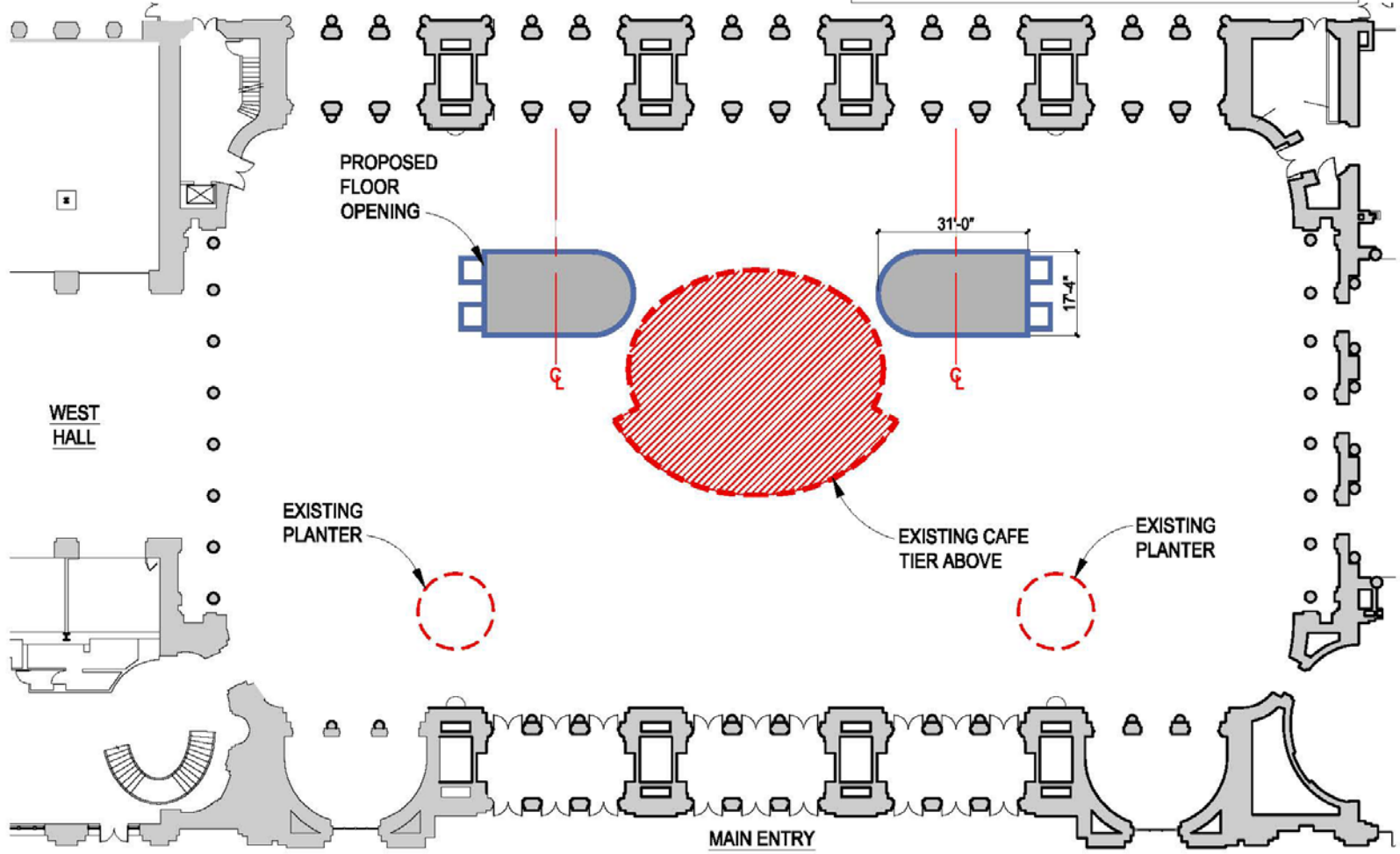




Main Hall Animation



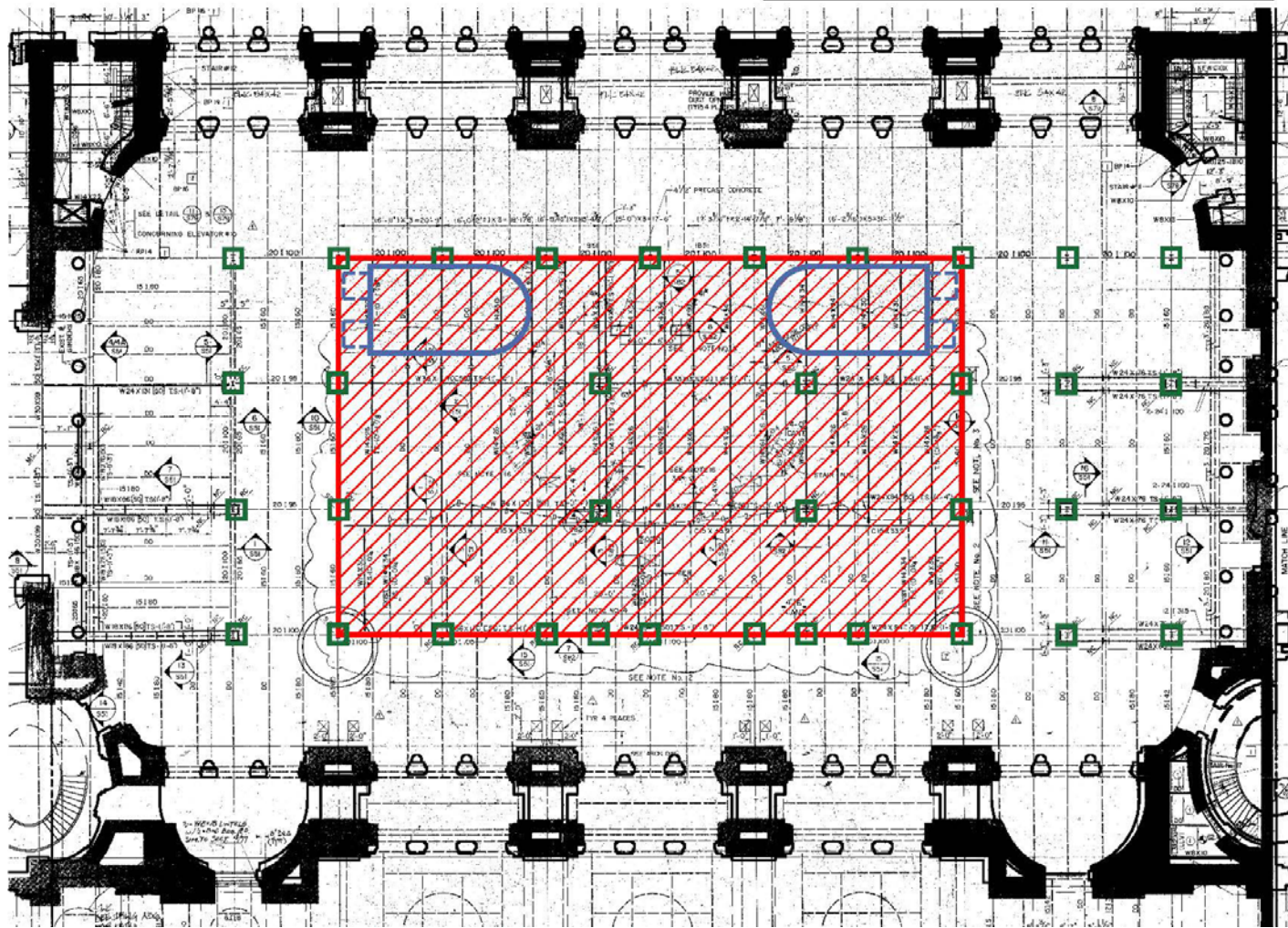
LEGEND		
	EXISTING CAFE TIER	+/- 2,000 SF
	EXISTING PLANTERS	+/- 400 SF
	PROPOSED FLOOR OPENINGS	+/- 960 SF

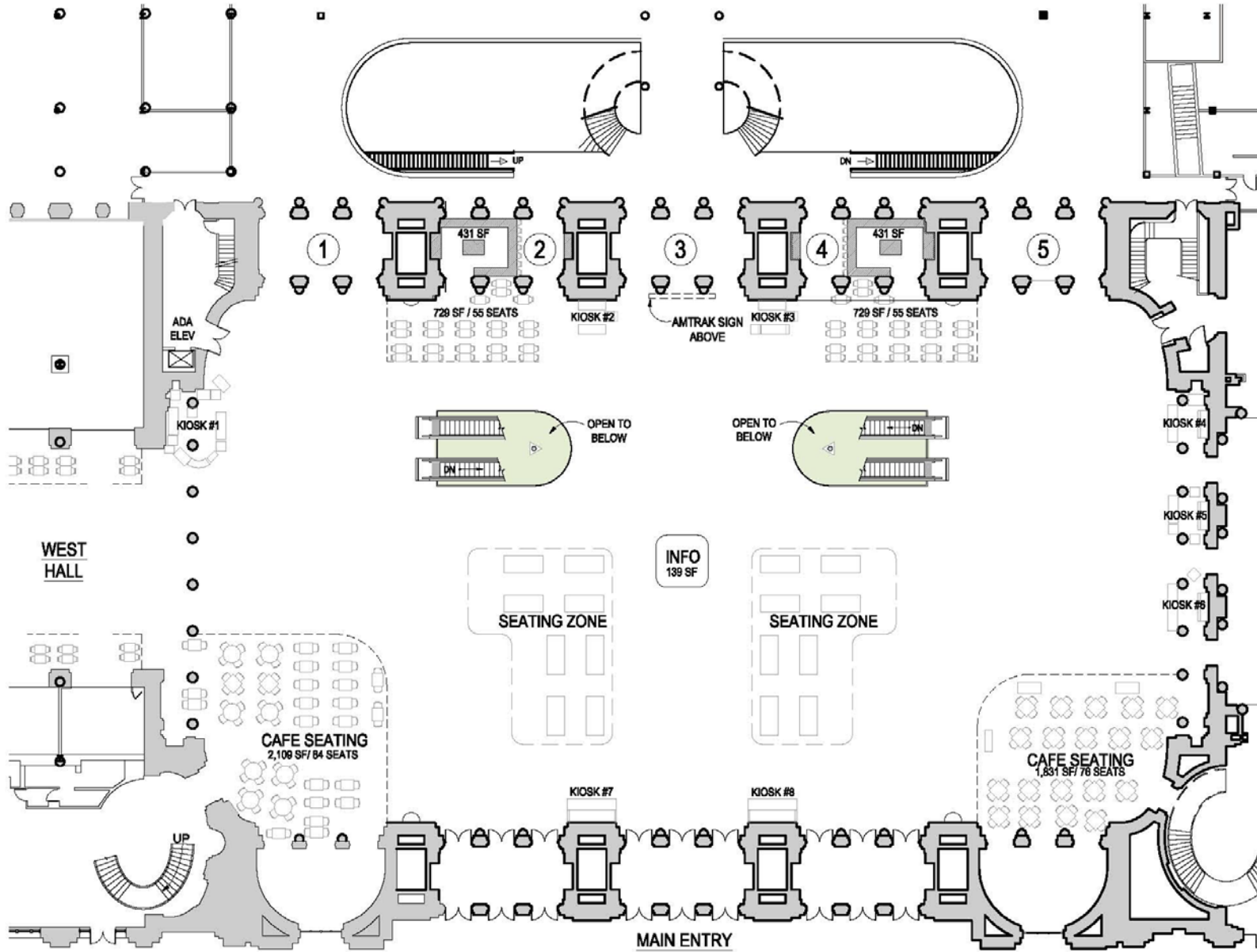


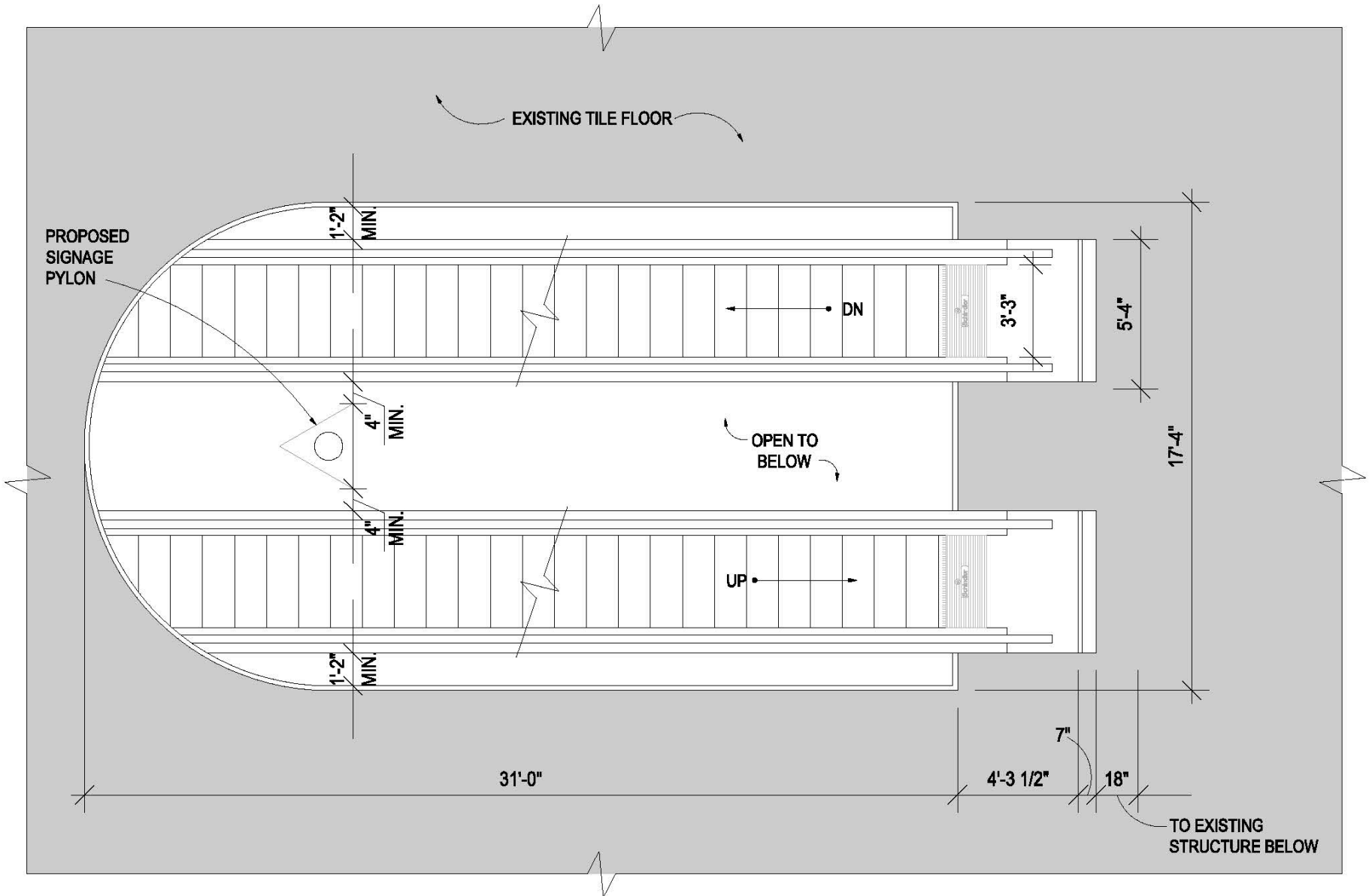


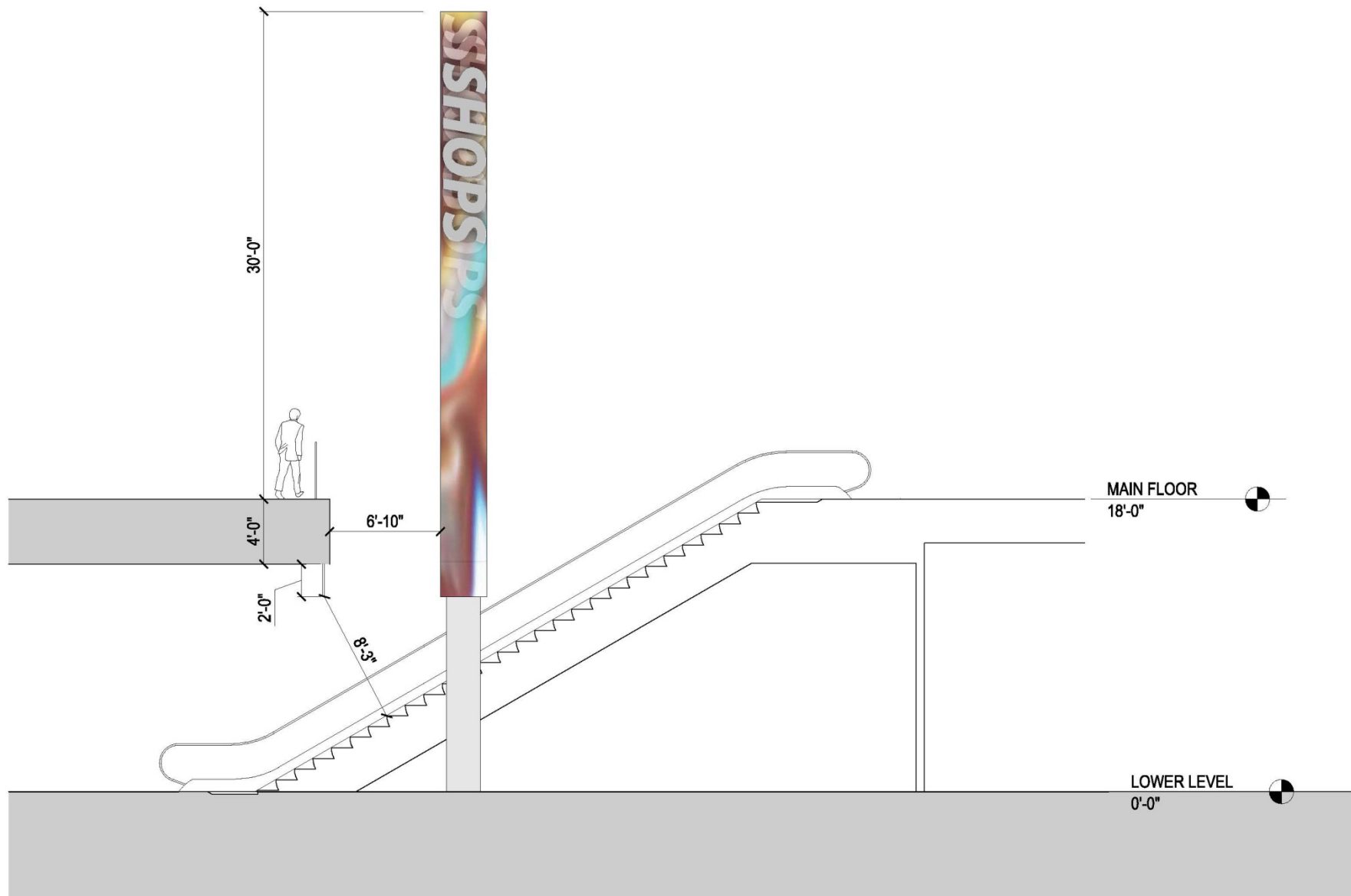
LEGEND

- PROPOSED ESCALATOR OPENINGS
- ▨ EXTENT OF NON-HISTORIC FLOOR (1986)
- EXISTING COLUMNS







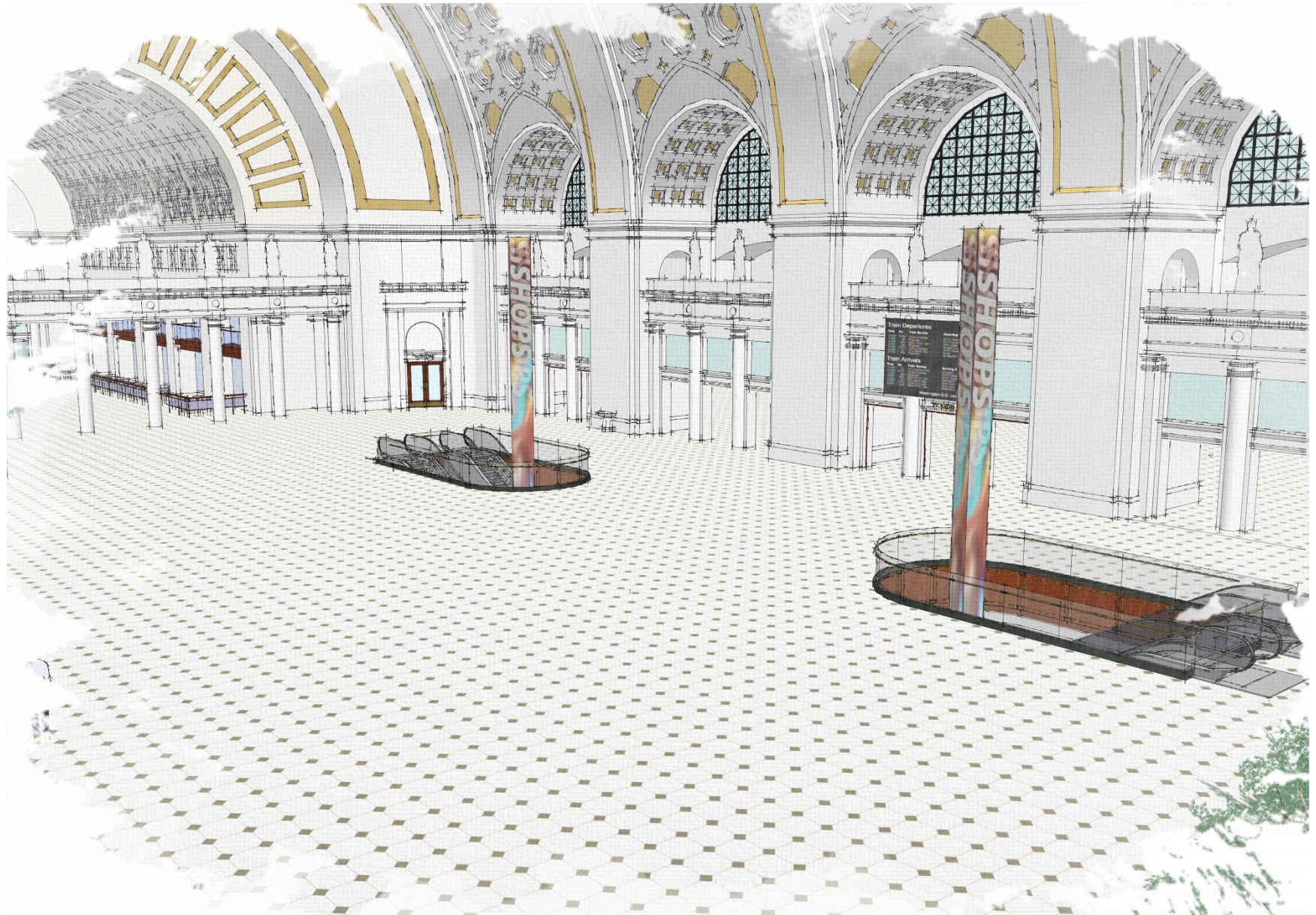








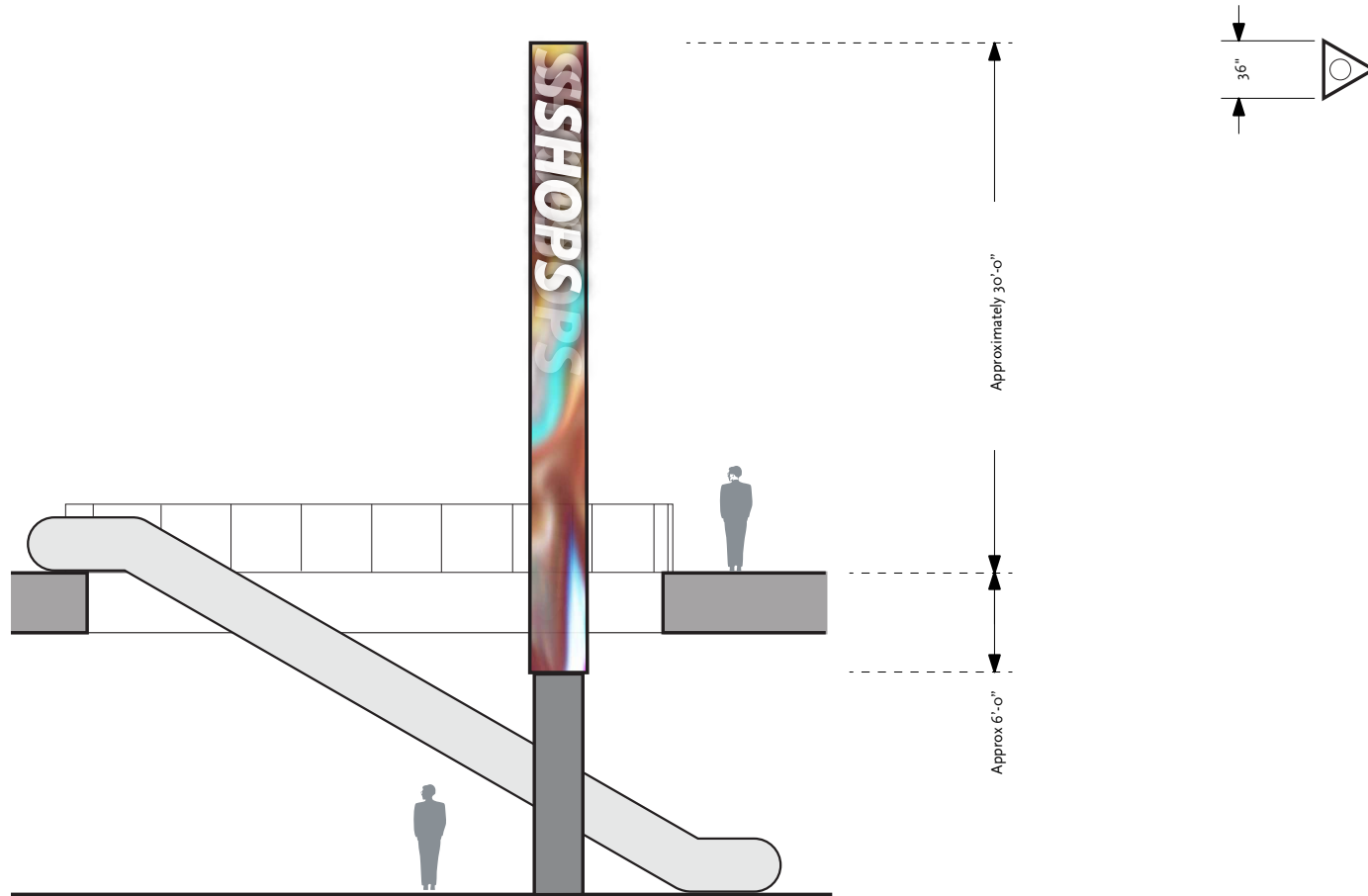




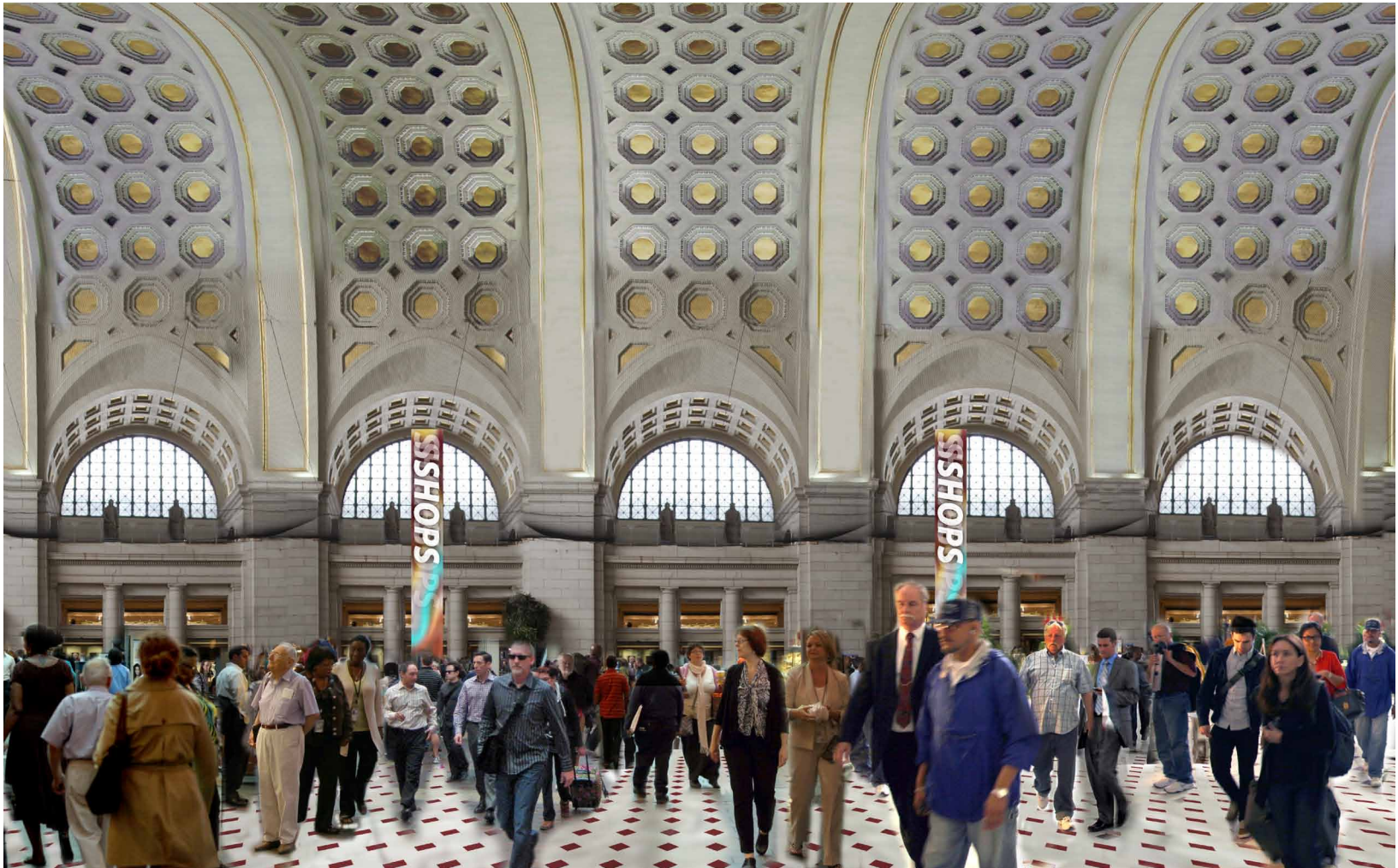
Main Hall Rendering



Light Column Elevation



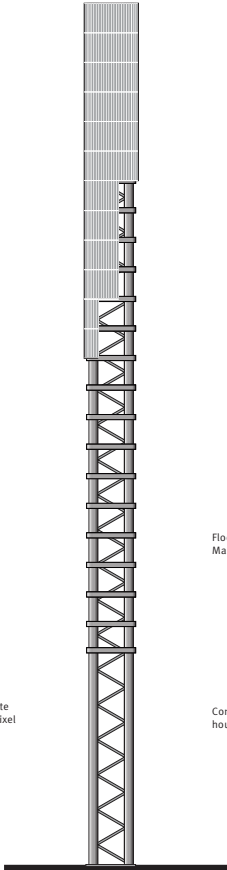
Light Column Rendering



Alternative A: Daktronics ProPixel

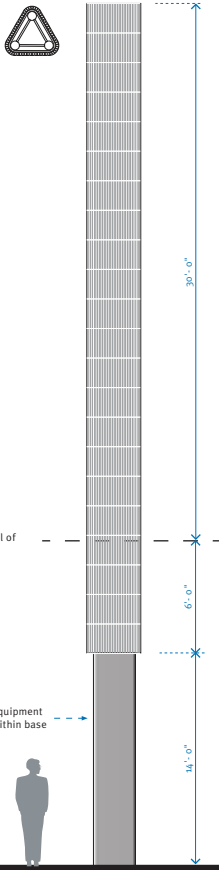


Hypothetical Graphic
Rendered to show approximate pixilation of Daktronics ProPixel unit.

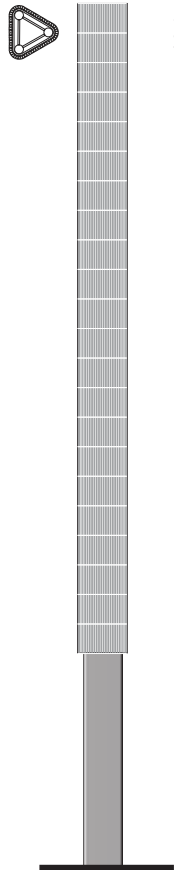


Scale: 3/16 inch represents one foot

Elevation of supporting structure shown partially clad with LED units at upper level.

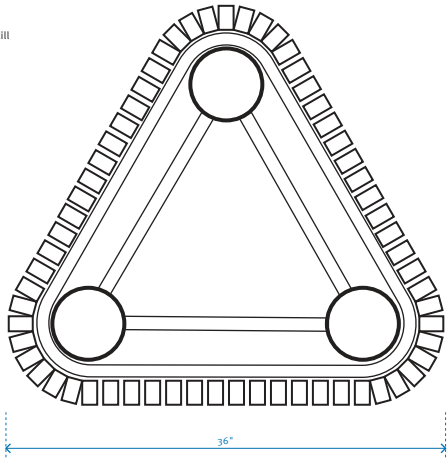


Front Elevation
22 stacks of 63 ProPixel units per stack
Total 1386 units



Side Elevation

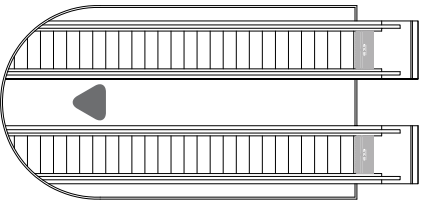
Exact height and face dimensions of light column still to be determined



36 inch overall face dimension with 6 inch radius corners. Daktronics ProPixel units, approximate 2 inch pixel pitch.

Interior structure 6 inch diameter steel tubes with diagonal cross-bracing with steel secondary structure supporting LED modules

Scale: 1 1/2 inches represents one foot

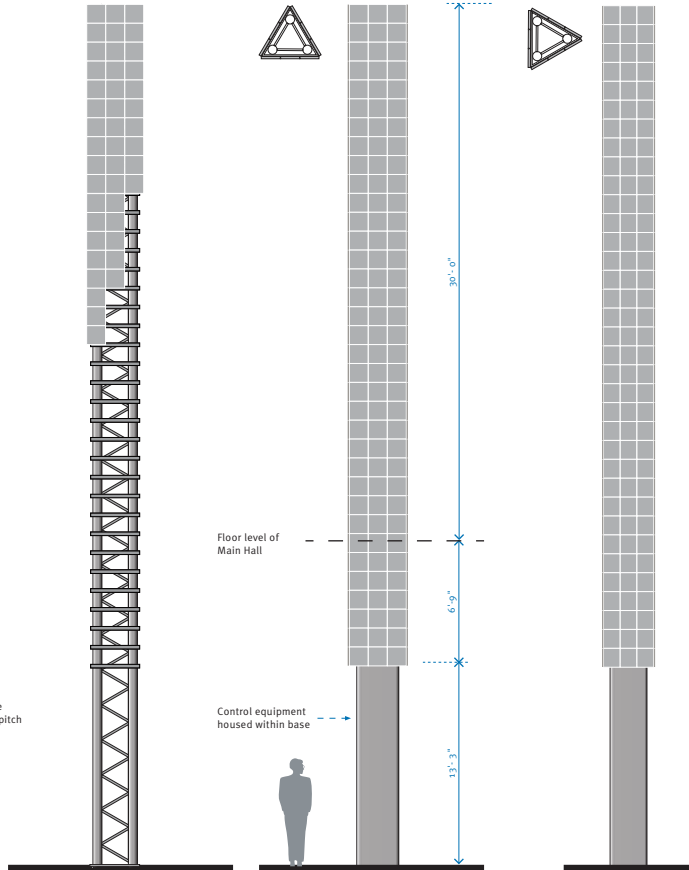


Plan, not to scale

Alternative B: d3led 8mm



Hypothetical Graphic
Rendered to show approximate pixelation of d3led 8mm pixel pitch unit.



Floor level of Main Hall

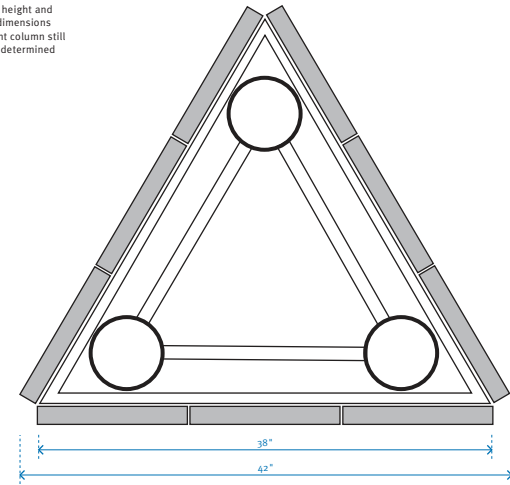
Control equipment housed within base

30'-0"

6'-9"

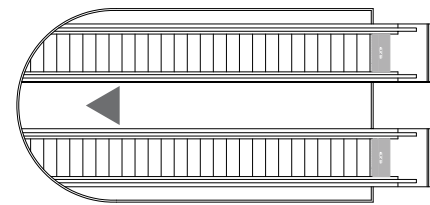
13'-3"

Exact height and face dimensions of light column still to be determined



38"

42"



Plan, not to scale

Scale: 3/16 inch represents one foot

Elevation of supporting structure shown partially clad with LED units at upper level.

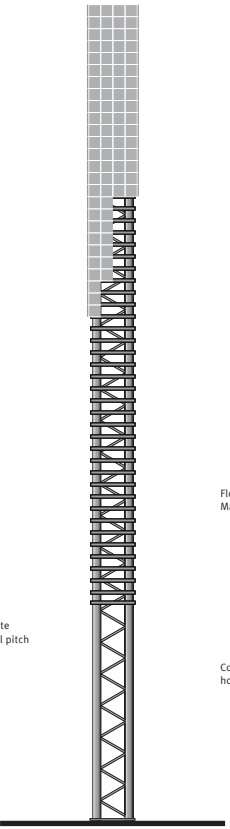
Front Elevation
35 stacks of 9 (3 per face) 8mm d3led units per stack, Total 315 units

Side Elevation

Alternative C: d3led 6mm

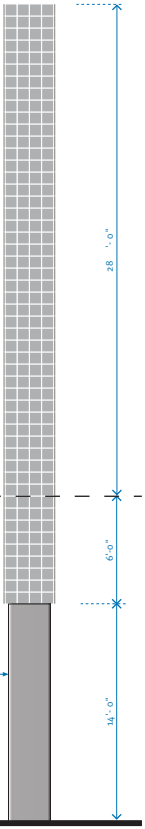


Hypothetical Graphic
Rendered to show approximate pixillation of d3led 6mm pixel pitch unit.



Scale: 3/16 inch represents one foot

Elevation of supporting structure shown partially clad with LED units at upper level.

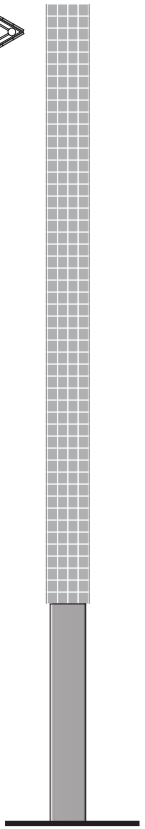


Floor level of Main Hall

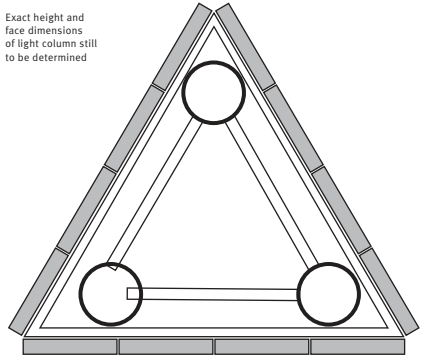
Control equipment housed within base



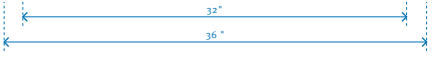
Front Elevation
51 stacks of 12 (4 per face) 6mm d3led units per stack, Total 612 units



Side Elevation

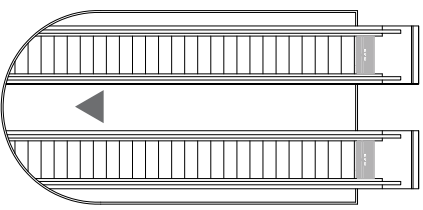


Exact height and face dimensions of light column still to be determined



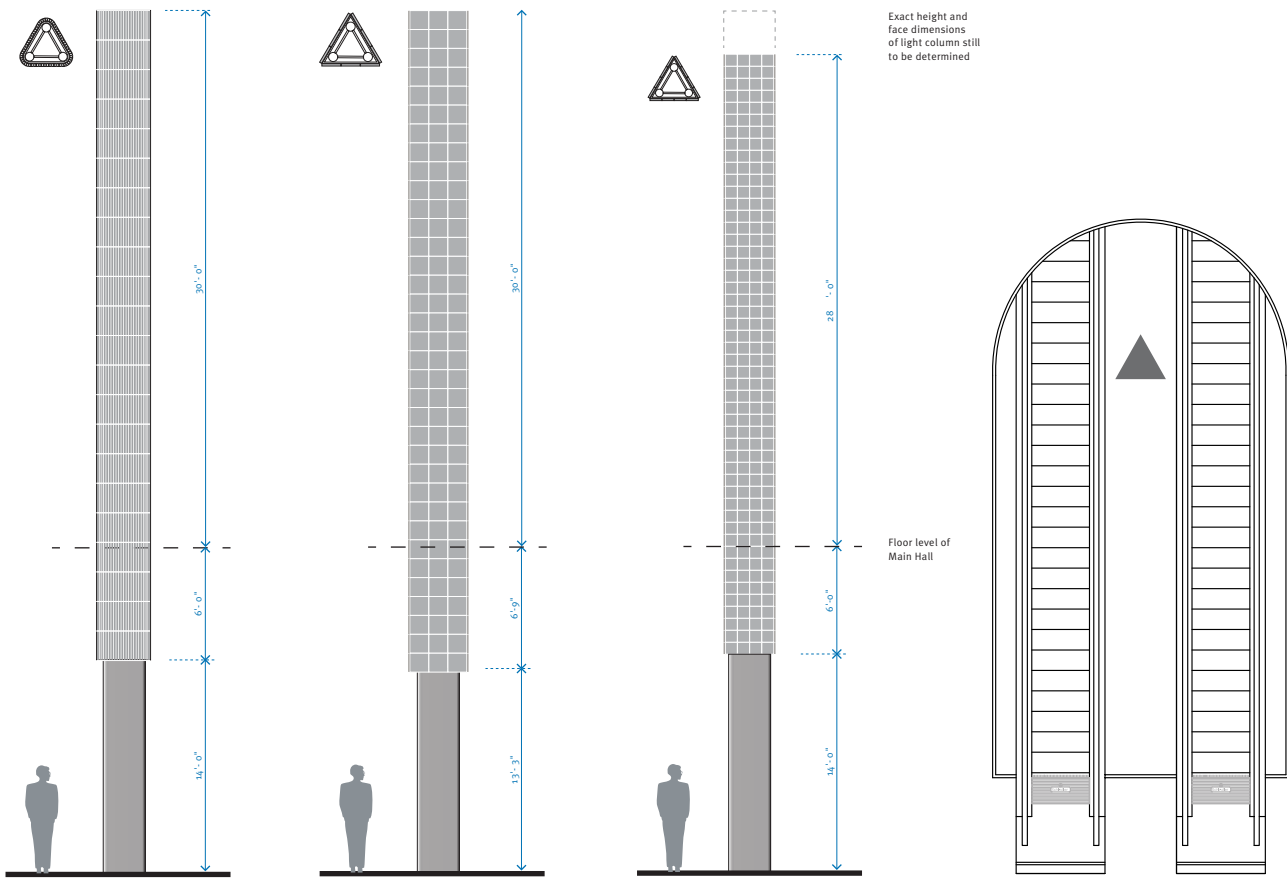
Interior structure 5 inch diameter steel tubes with diagonal cross-bracing with steel secondary structure supporting LED modules

Scale: 1 1/2 inches represents one foot



Plan, not to scale

LED Alternatives Comparison



Exact height and face dimensions of light column still to be determined

Floor level of Main Hall

Plan

Alternative A
 22 stacks of 63 ProPixel units per stack
 Total 1386 units

Alternative B
 35 stacks of 9 (3 per face) 8mm d3led units per stack, Total 315 units

Alternative C
 51 stacks of 12 (4 per face) 6mm d3led units per stack, Total 612 units

Questions & Answers





Mitigation Discussion

- Removal of Center Café, Planters,
- Relocation of floor grills
- Restoration of damaged floor material
- Guidelines for Information Desk display
- Preparation of Historic Preservation Plan
- Preparation and submission of NHL application
- Preparation and distribution of informational brochure
(format of DCSHPO brochure)
- Preparation and implementation of interpretative exhibition program
- Commitment to prepare Programmatic Agreement
- Removal of Floor Penetrations as part of larger Master Plan development



Next Steps

- **Comment Period: Closes Thursday, October 25**

Comments may be submitted on the USRC website, USRCDC.com, to USRC at 10 G Street, NE, Suite 504, Washington, DC, 20002, or to lklimko@usrcdc.com

- **Approx. 45 Days: Design Finalization**

- **Approx. 45 Days: Sign MOA**

- **GOAL: Complete process by the end of 2012**