

Central Terminal Expansion (CTE) Heating Ventilation Air Conditioning (HVAC) Upgrade C800722 WP# U00199

Project Background

- Strong passenger growth creates more traveler congestion in CTE and drives more demand for restaurant service.
- The 2005 CTE project provided mezzanine level space for later development when supported by passenger demand.
- Forecast growth in service demand requires development of the of the North and South CTE mezzanines for public use in 2016-2017
- The existing CTE Air Handling Units (AHUs) cannot provide sufficient capacity for any additional space occupancy.

Additional HVAC is necessary in CTE to serve growing numbers of travelers

Project Scope

- Design and construction of two new roof top mounted AHUs to provide additional HVAC capacity.
- Provide ductwork from the new AHUs to the CTE mezzanine level for restaurant development.
- Redirect the existing CTE emergency smoke control system pathways.

Detailed design and construction adjacent to, and above, businesses and is required

Project Locations

New Space on South Mezzanine level

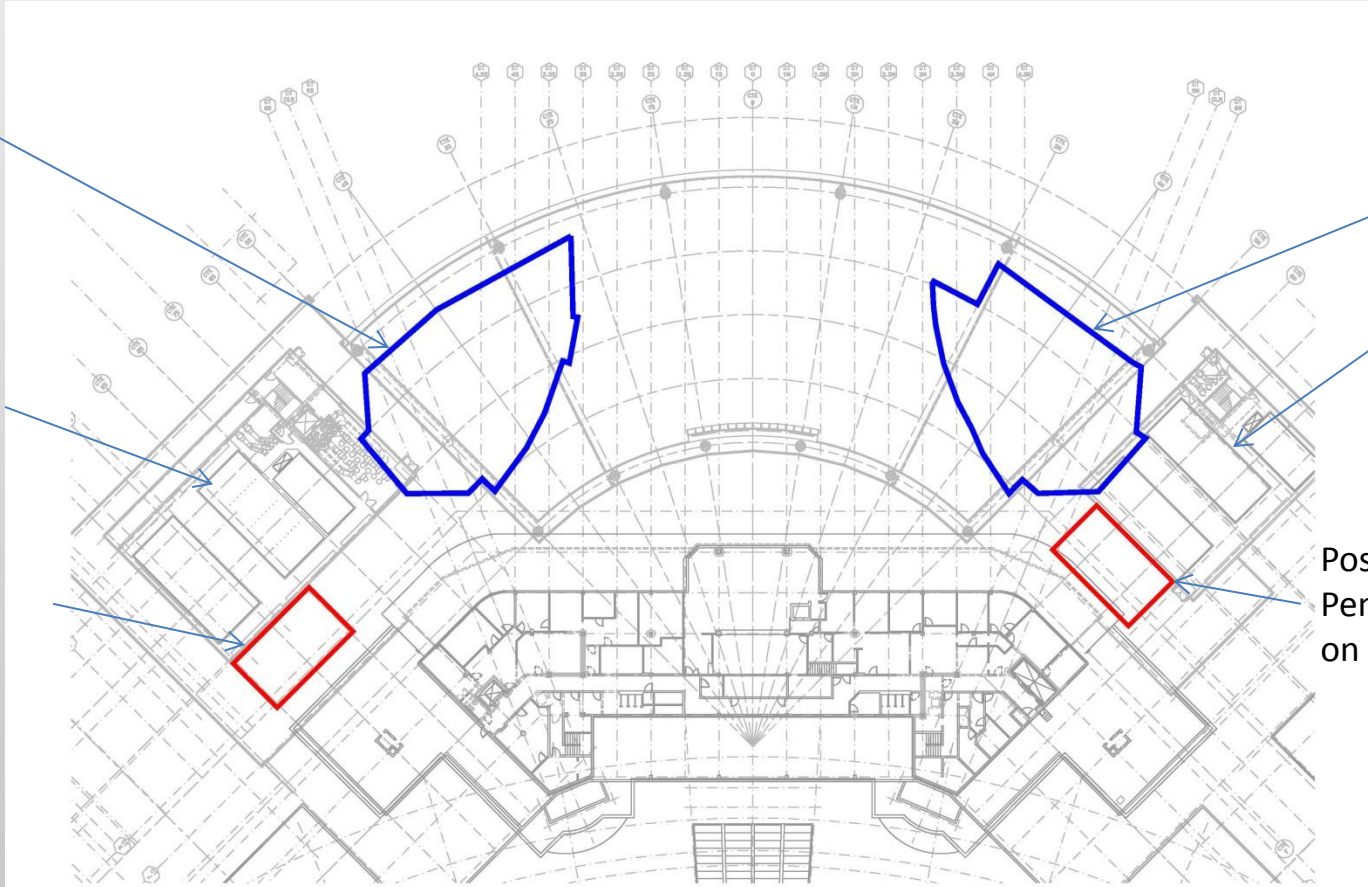
New Space on North Mezzanine level

Existing South Penthouse on roof

Existing North Penthouse on roof

Possible New South Penthouse Addition on roof

Possible New North Penthouse Addition on roof



Co-location of new and existing HVAC equipment is cost effective and efficient

Undeveloped Space Viewed from Below

SOUTH MEZZANINE SPACE



NORTH MEZZANINE SPACE



Design is underway for two new elevators for easy public access

10,000 square feet of undeveloped space will serve the traveling public

Project Schedule

- Start Design - 2nd quarter 2015
- Complete Design - 2nd quarter 2016
- Start Construction - 3rd quarter 2016
- Complete Construction - 4th quarter 2017

Design would be initiated soon

Project Budget

- Design \$1,114,000
- Construction \$5,078,000
- Sales Tax \$ 420,000
- Total \$6,612,000

This request is for design funds only. Construction funds to be requested later



South mezzanine as seen from Central Terminal floor



South mezzanine elevator

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View from south mezzanine to Central Terminal floor



South mezzanine

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