

Vertical Gardens Grant Initiative

2008

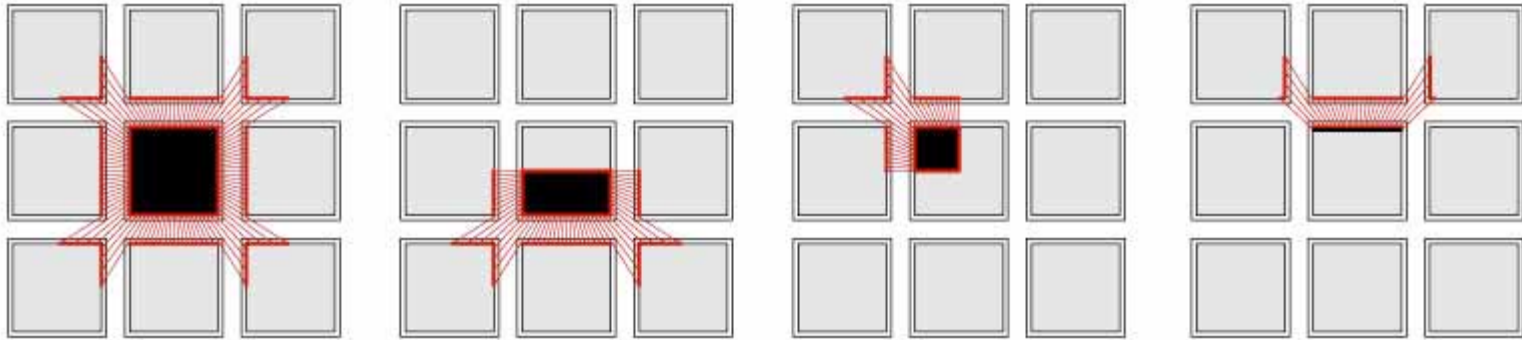
Inspiration? Blank Walls



Inspiration? Parking Structures



The Whole Environment



The Whole is Greater than the Sum of its Parts

All Façades, good or bad, effect their surroundings

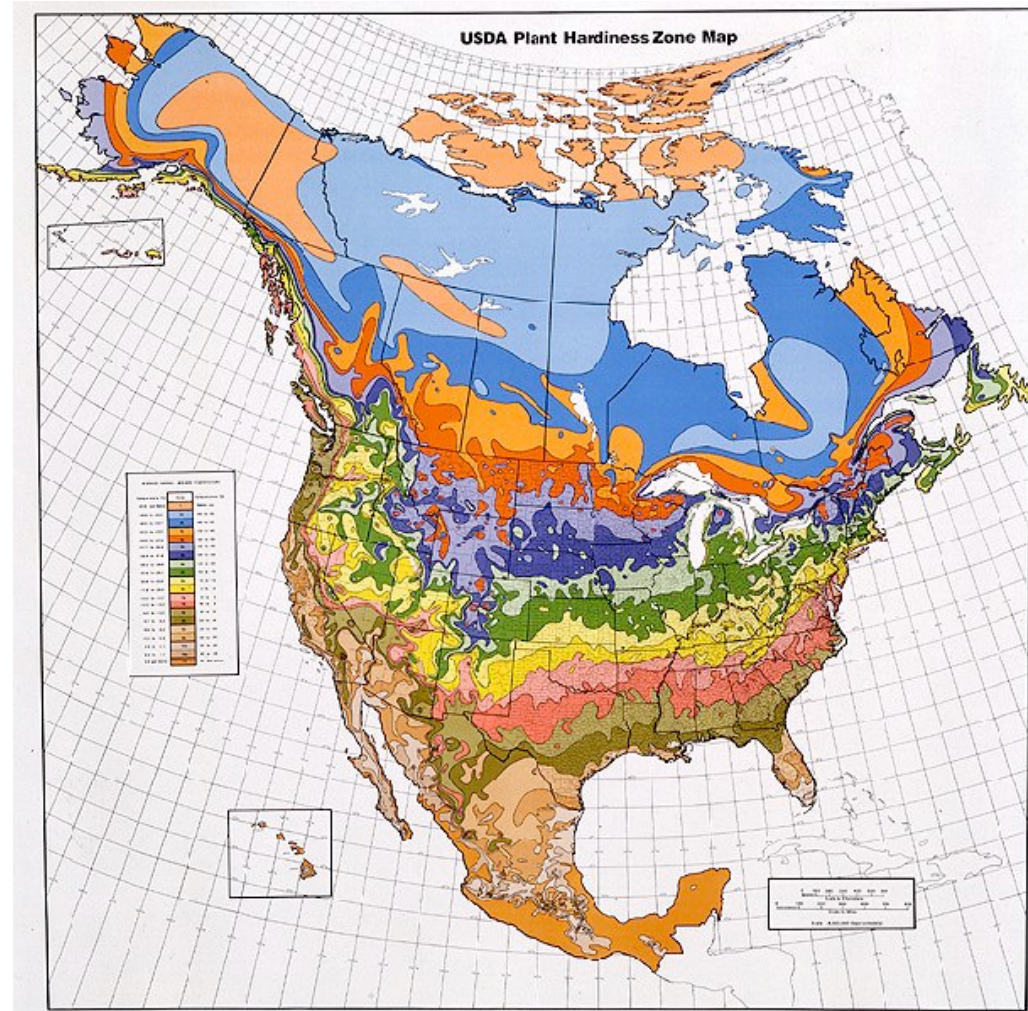


Houston Climate & Plant Species

Houston's Hot &
Humid Climate
supports a variety of
plant life

Best Climbers:

- Fig Ivy
- Carolina Jessamine
- Star Jasmine
- Evergreen Wisteria
- Mermaid Rose



Architecture

"A doctor can bury his mistakes but an architect can only advise his clients to plant vines."

- Frank Lloyd Wright



Parking Garages



Parking Garages



Direct Growth



- Simply Planting a Climbing Species at the base of a structure
- Fear of damage due to root penetration



Structure/ Trellis/ Panel System



www.greenscreen.com



- Rigid Panels attached to Structure
- Structural concerns at greater heights
- Greater Expense



Cable Systems



Hayn Lines www.hayn.com

- Plants grow on tensioned cables
- Attractive before plant growth



Carl Stahl www.decorable.com



Potted Irrigated Structures/ Trellis



www.eltlivingwalls.com



Potted Irrigated Structures



Living Wall Structures



Planted Gabion Walls- Asakura Robinson Co.

www.asakurarobinson.com




Living Walls / Vertical Gardens



Patrick Blanc

www.verticalgardenpatrickblanc.com




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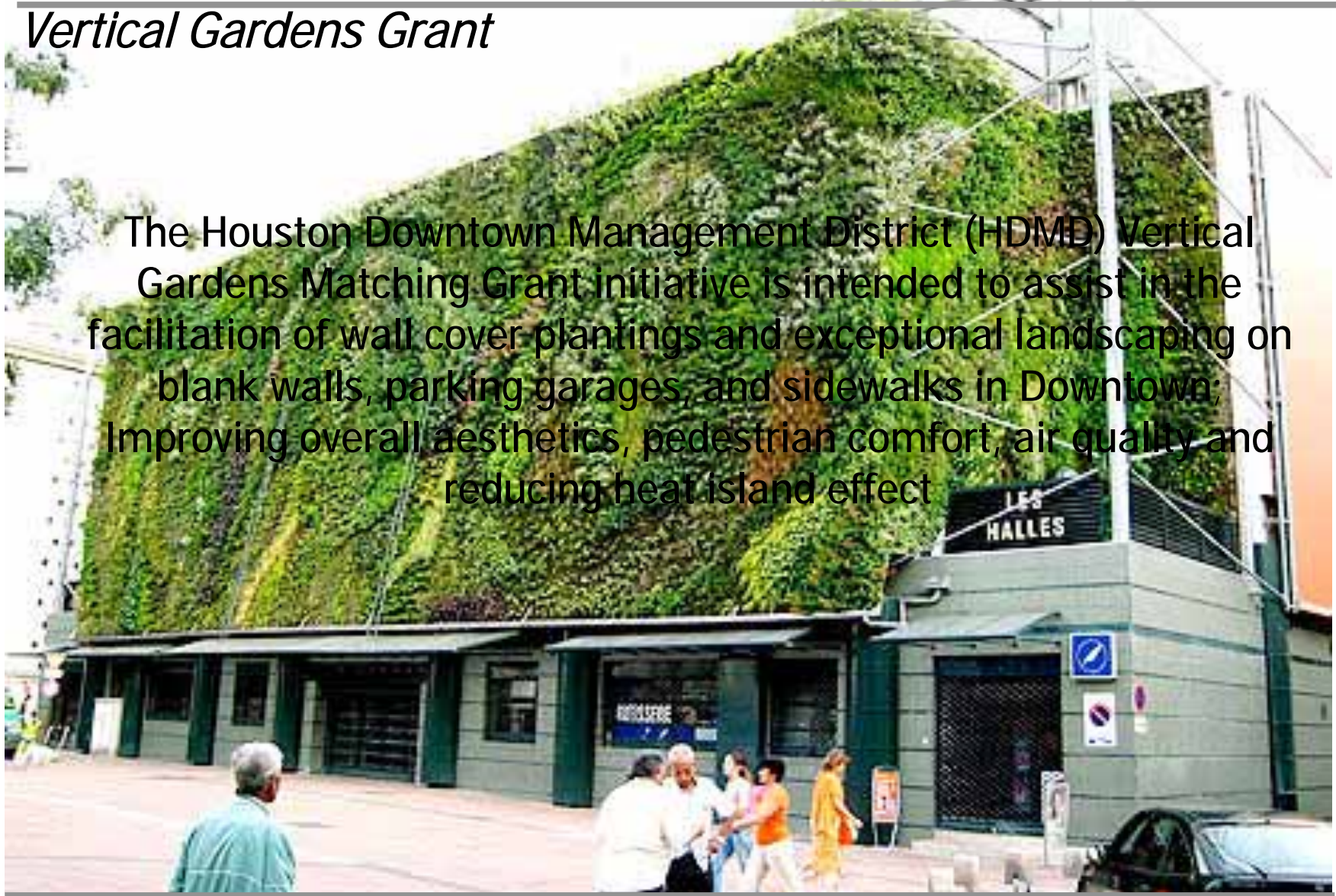
Patrick Blanc

www.verticalgardenpatrickblanc.com



Vertical Gardens Grant

The Houston Downtown Management District (HDMD) Vertical Gardens Matching Grant initiative is intended to assist in the facilitation of wall cover plantings and exceptional landscaping on blank walls, parking garages, and sidewalks in Downtown; Improving overall aesthetics, pedestrian comfort, air quality and reducing heat island effect



Vertical Gardens Grant Applicants

HDMD Grants are available to downtown based companies or organizations which fit the following descriptions:

- Property Owner
- Tenant
- Registered Non-Profit Organization



Vertical Gardens Grant Size

No Grant may exceed 50% of the total project cost up to \$20,000

The Match may include in-kind contributions such as:

- Professional Services
- Materials
- Labor Costs



Vertical Gardens Grant Timeline

- Optimal Growing season begins in mid-February and ends mid-October.
- Optimal Planting (Dormant) Season is from mid October to mid-February
- Applications should be submitted before the end of growing season to take advantage of the optimal planting season



Projects in Houston

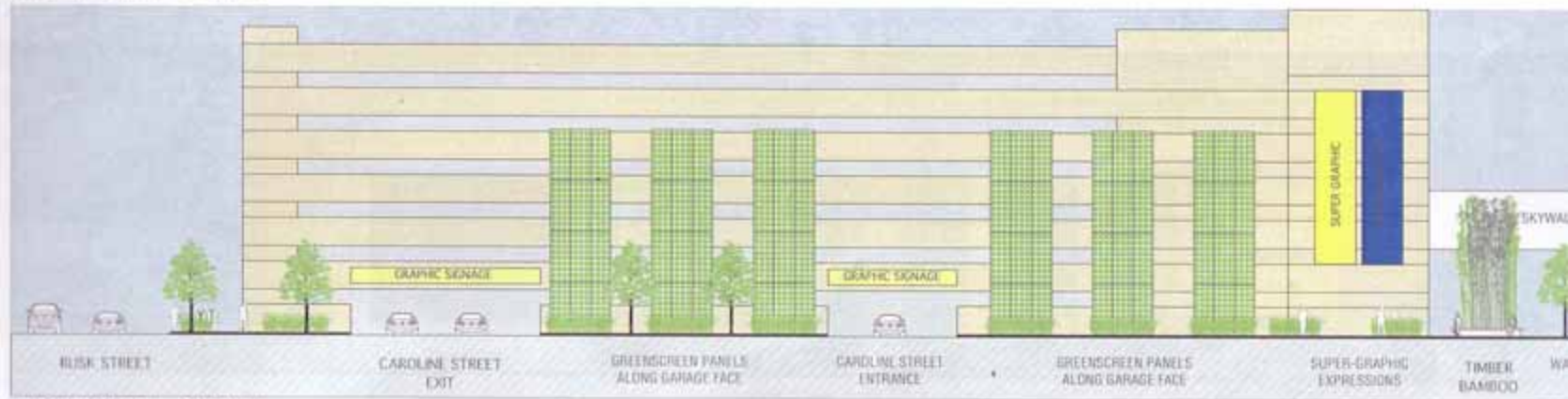


Projects in Houston

Greenscreen Panels w/ Star Jasmine on Garage Facade



CAROLINE STREET - OPTION B

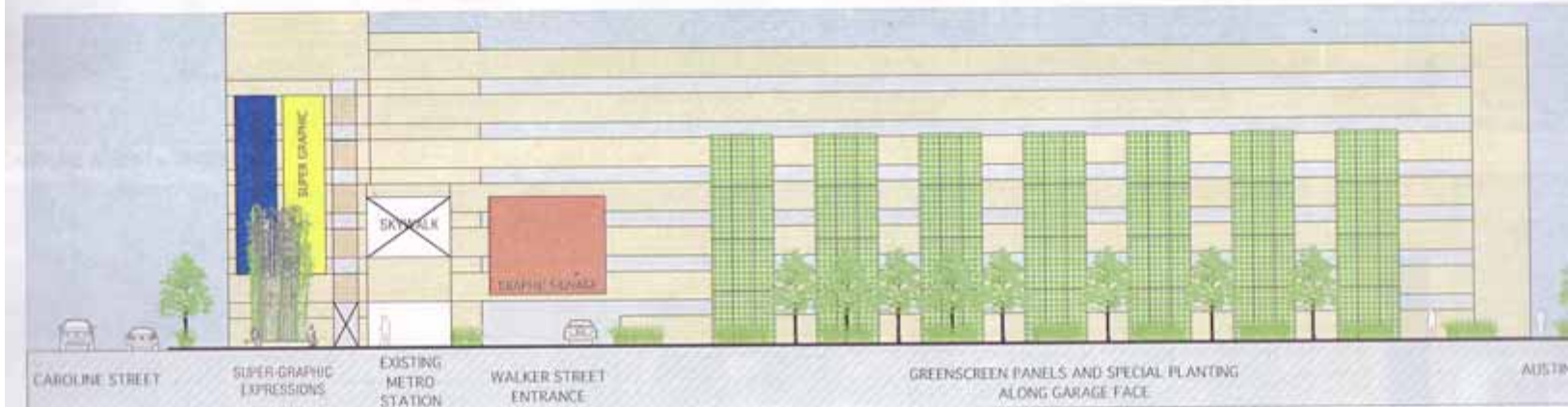


CAROLINE STREET - OPTION A

Projects in Houston



WALKER STREET - OPTION B



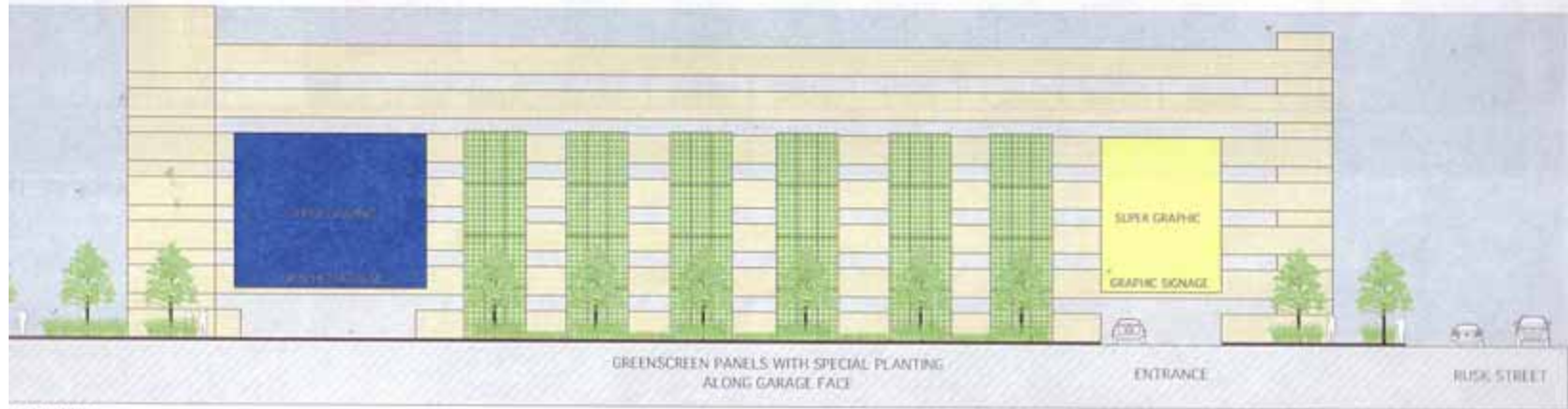
WALKER STREET - OPTION A



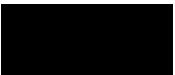
Projects in Houston



- OPTION B

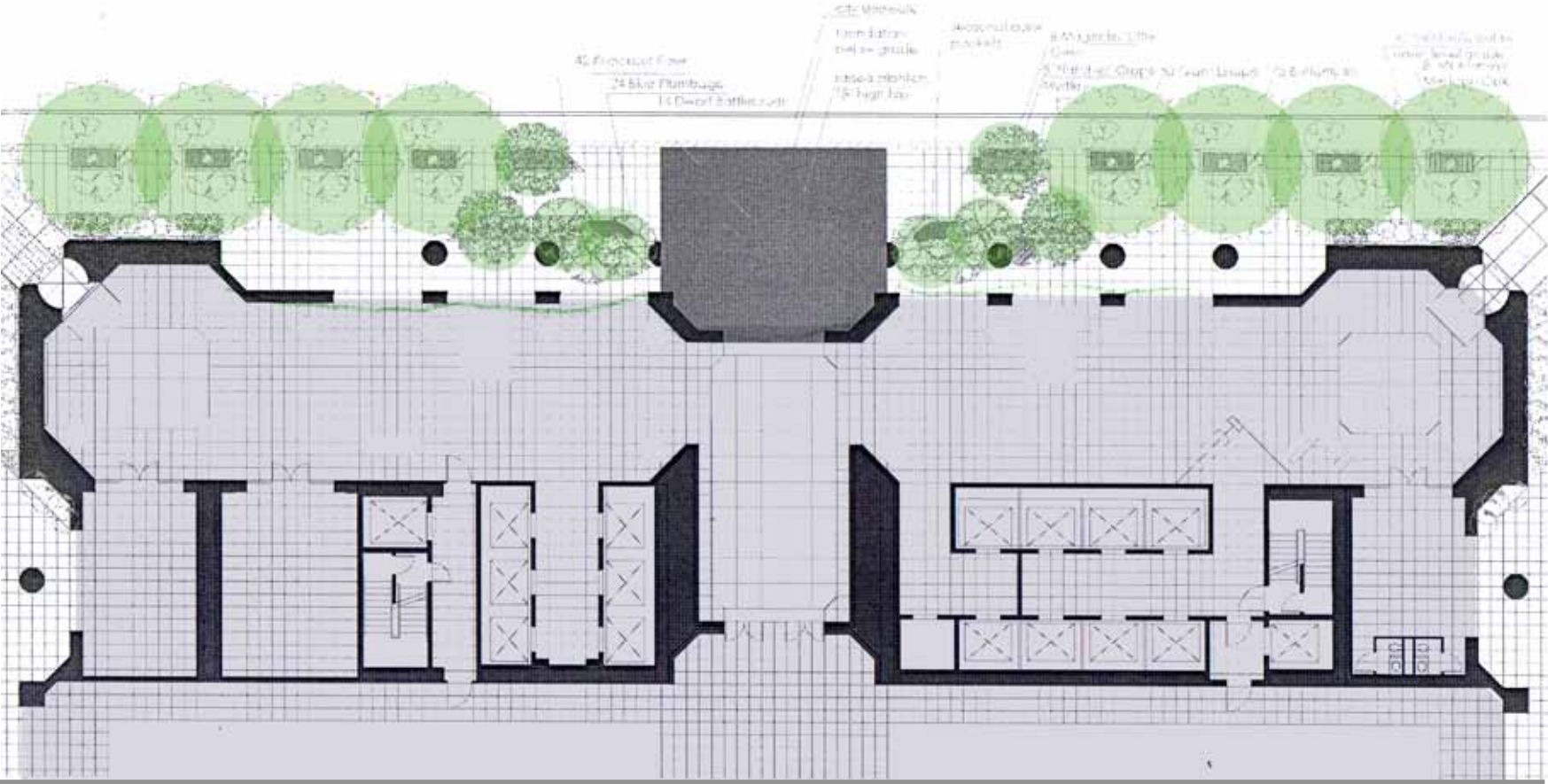


- OPTION A



Projects in Houston

Tree Planting and exceptional landscaping on sidewalk & building Facade



Projects in Houston



Christ Church Cathedral Outreach Center



Public Right of Way Design



Public Right of Way Design



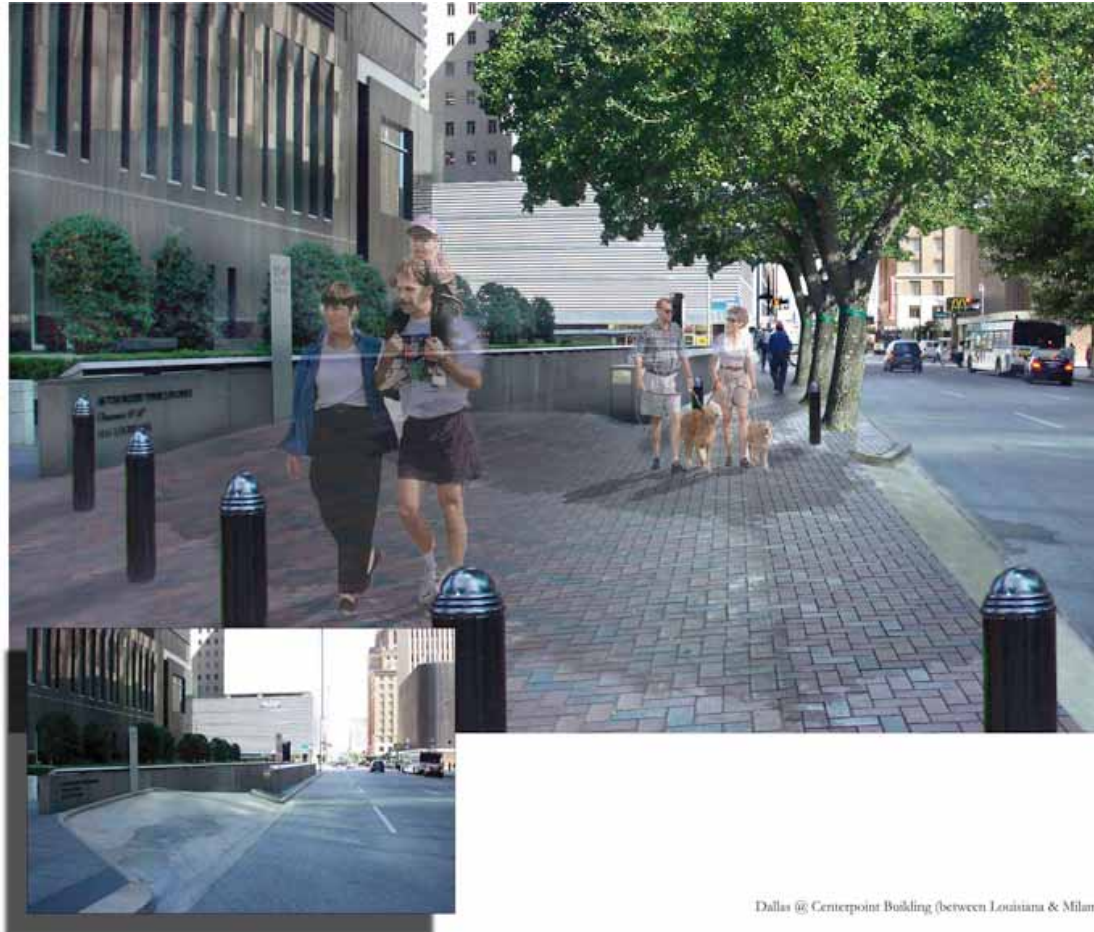
Dallas @ Caroline



Public Right of Way Design



Public Right of Way Design



Dallas @ Centerpoint Building (between Louisiana & Milan)



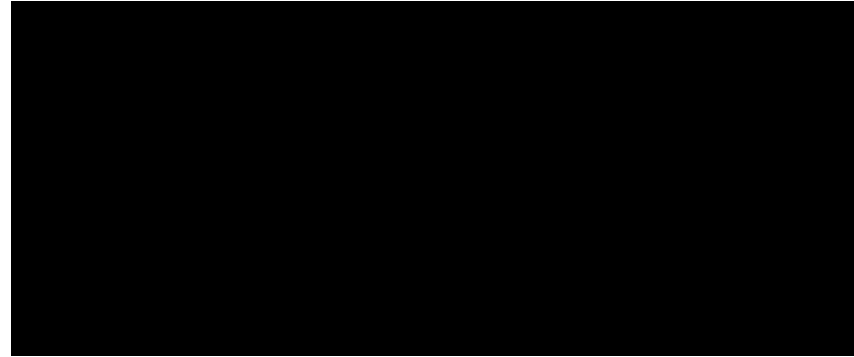
Central Houston Environmental Stewardship Initiative

- Heat Island Task Force
- Energy Task Force
- Vehicle Miles Traveled (VMT)
- VMT Bikes
- Recycling Task Force
- Education/ Marketing Task Force



<http://centralhouston.org/Home/Programs/EnvironmentalStewardsh/>





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2008

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