

### Quality Tree Conservation and Sustainable Development Incentives

<b>Property / Development Alternative Mitigation Recap</b>			
<b>Site Points</b>	<b>Alternative Mitigation Points</b>	Maximum	Pts Earned
		pts	
	Education & Implementation of Contractors	15.00	13.50
	Landscape	20.00	20.00
Canopy Coverage of all trees	50.00	Site Design / Location	40.00
Percent of Protected Trees in excess of 12 inches	<u>65.00</u>	Conservation of Quality Trees	<u>25.00</u>
<b>Total Site Points</b>	<b>115.00</b>	<b>Total Alternative Mitigation Points Earned</b>	<b>98.50</b>
<b>Alternative Tree Mitigation Credit Percentage</b>	<b>85.65%</b>		

# Quality Tree Conservation and Sustainable Development Incentives

## Calculation of Points Earned

Education and Implementation by Contractors				Landscaping			
	Applicable %	Potential pts	Pts Earned		Applicable %	Potential Points	Pts Earned
Certification Points	100%	7.50	7.50	Potential Points for non-turf landscaping	0%	5.00	-
On-site Education	100%	7.50	7.50	Potential Points for native/drought tolerant turf	25%	5.00	1.25
Harmful Act Deduction	10%	(15.00)	(1.50)	Trees/Shrubs at least 75% native or drought tolerant	100%	5.00	5.00
<b>Total Education Points Earned</b>			13.50	Site utilizes drip irrigation	75%	5.00	3.75
Education Calculations				Site covers tree roots with mulch and/or rock	100%	5.00	5.00
<u>Certification Point Percentage</u>				Larger planting areas for trees and shrubs	100%	3.00	3.00
Number of people eligible for certification		3		Exceed minimum design criteria	100%	3.00	3.00
Number of people certified		3		Exceed minimum water outlets	100%	3.00	3.00
Percentage of eligible people certified			100%	Galvanized fencing	100%	3.00	3.00
<u>Harmful Acts Deduction Percentage</u>				Landscaping Points Earned			27.00
Total caliper inches of protected trees to be preserved		10000					
Caliper inches of trees put at risk		1000					
Percentage of preserved protected trees put at risk			10%				

Site Location / Design				Conservation of Quality Trees			
	Applicable %	Potential Points	Points Earned				
Does the hardscape utilize permeable surfaces?	50%	15.00	7.50	Percentage of trees 12 - 24 inches preserved	50.00%		
Does the project meet or exceed ISWM standards?	100%	10.00	10.00	Percentage of trees 25 inches or greater preserved	50.00%		
Is the project adjacent to a park, riparian corridor or conservation easement?	100%	5.00	5.00	Percentage of Quality Forested Area preserved	50.00%		
Site located within 2000 feet of rail transit?	100%	5.00	5.00	Average percentage		50.00%	
Does the project provide a new link for the City of Dallas Trail Network Master Plan?	100%	5.00	5.00	Divided by :			2
Is the project located within 2000' of the Trail Network Master Plan system?	100%	5.00	5.00	Conservation of Quality Tree Points			25.00
Does project utilize community units for open space?	100%	5.00	5.00	Number of applicable sections below:	3		
Does project utilize on-site renewable energy sources?	100%	5.00	5.00	<u>Protected trees 12 - 24 inches (not in Quality Forested Area)</u>			
Does project maintain or revitalize natural waterways?	100%	5.00	5.00	Original caliper inches	10000		
RESERVED	0%	5.00	-	Remaining number after construction	5000		
Do all buildings exceed the C.o.Dallas energy conservation code by 10 %	100%	5.00	5.00	Percentage of trees preserved		50%	
Do all buildings exceed the C.o.Dallas energy conservation code by 20 %	100%	5.00	5.00	<u>Protected trees 25 inches and larger (not in Quality Forested Area)</u>			
Do all buildings exceed the C.o.Dallas energy conservation code by 30 %	100%	5.00	5.00	Original number	3000		
				Remaining number after construction	1500		
				Percentage of trees preserved		50%	
				<u>Quality Forested Area</u>			
				Original size (expressed in square feet)	50000		
				Remaining size after construction	25000		
				Percentage of Quality Forested Area Preserved		50%	
Maximum potential points		80.00					
<b>Total Site Location / Design points earned</b>			67.50				

## Quality Tree Conservation and Sustainable Development Incentives

### Questionnaire

Project Name: \_\_\_\_\_

#### Tree Conservation

##### Tree conditions prior to construction

Tree Canopy Coverage Percentage 50%

Total caliper inches of protected trees 20,000

##### Quality tree characteristics

Caliper inches of trees 12 - 24 inches (not in QFA) 10,000

Caliper inches of trees 25 or more inches (not in QFA) 3,000

Size of Quality Forested Area (QFA) in sq. ft. 50,000

Number of applicable characteristics of quality trees (0-3) 3

##### Tree conditions after construction

Total caliper inches of protected trees 10,000

Caliper inches of trees 12 - 24 inches (not in QFA) 5,000

Caliper inches of trees 25 or more inches (not in QFA) 1,500

Size of Quality Forested Area (QFA) in sq. ft. 25,000

#### Education

Number of people eligible for education certification, 3 max. 3

Number of people certified 3

On Site Education completed? (yes or no) yes

Caliper inches of trees put at risk during construction 1,000

#### Landscape

Total area that is landscaped (sq.ft.) 500,000

Landscaped area that is turf (sq.ft.) 500,000

Area of turf that is native or drought tolerant (sq.ft.) 125,000

Are trees/shrubs at least 75% native or drought tolerant? yes

Percentage of irrigation that is drip-type? 75%

Are mulch and rock covering preserved tree root systems? yes

Do planting areas for trees and shrubs exceed the City's minimum standard? yes

Does the project incorporate more than the minimum amount of design standards? yes

Does the project have more than the minimum amount of water supply outlets? yes

Did the contractor protect existing trees with galvanized fencing? yes

#### Site Design / Location

##### Hardscape

Total area of hardscape 100,000

Total area of permeable hardscape 50,000

##### Storm Water Management

Does the project meet or exceed the City of Dallas ISWM standard? yes

##### Site Location

Is the project adjacent to a park, riparian corridor or conservation easement? yes

Site located within 2000 feet of rail transit? yes

Does the project provide a new link for the City of Dallas Trail Network Master Plan? yes

Is the project located within 2000' of the Trail Network Master Plan system? yes

Does project utilize community units for open space? yes

Does project utilize on-site renewable energy sources? yes

Does project maintain or revitalize natural waterways? yes

##### Building Performance

Do all buildings exceed the C.o.Dallas energy conservation code by 10 % yes

Do all buildings exceed the C.o.Dallas energy conservation code by 20 % yes

Do all buildings exceed the C.o.Dallas energy conservation code by 30 % yes