

Green Building Task Force on Article X
Proposed Amendment to Article X
Quality Tree Conservation and Sustainable Development Incentives

Education Points

Per our discussion today, the following is a recap of how an applicant can achieve the points allotted in the Tree Mitigation Credit Matrix:

Curriculum, Certification and Content Delivery

- City staff controls curriculum content and approval of third party providers for tree care course
 - Curriculum to include care for sustainable design practices, care for trees during construction, post-construction tree maintenance
 - Attendees must pass a test to receive certification
 - City to provide free training and certification (likely via an internet delivery system)
 - Course length, including testing, not to exceed four hours
 - Certification issued to individuals, not companies, and will last five years
 - Curriculum should include list of items that constitute acts harmful to trees during construction process
 - 5% of existing balance and future deposits to the reforestation fund are eligible to be used for education purposes
 - Staff can approve third-parties to provide certification courses

Factors Determining Points Earned

- Certification Points - All eligible individuals involved with project are certified in tree care (earns 5 points)
 - Eligible individuals include representative of developer (includes their architect or engineer) , contractor and management company
 - At pre-development meeting, staff will determine who is eligible (maximum of three)
 - Some instances will have a single individual with more than one of the three roles
 - Applicant responsible for supplying proof of certifications
- On-site Education Points - Educational information regarding the care of preserved trees is disseminated on job site to construction personnel (5 points)
 - At pre-development meeting, the method to provide the information is approved by staff
 - Methods could include flyers handed to workers or posting of notices prominently on the site (or another method if proposed by the applicant and approved by staff)
 - Staff to confirm during site visits that on-site education completed
 - If on-site education component is found lacking, a warning is issued. If situation is not fixed, then no points are awarded.

- Harmful acts found on job site reduce the points earned (loss of up to 15 points)
 - Any harmful act that was noted in the certification curriculum that is found occurring on the construction site are noted by the inspection team automatically reduces the points earned
 - Any harmful act found that was not in the curriculum will result in a warning by the inspection team to correct. If the correction does not take place, a reduction of points occurs.
 - Inspection team will note caliper inches endangered with violation notices

Calculation of Points Earned

- Certification points + On-site education points – Harmful acts points = Education points for matrix
 - Certification Points
 - Maximum of 7.5 points
 - Pro-rated based upon number of eligible individuals identified by staff vs. number who provide certification proof prior to the end of construction
 - On-site Education Points
 - 7.5 points
 - Points are awarded in all cases unless applicant does not respond adequately to a warning
 - No pro-ration allowed
 - Harmful Acts Points Deduction
 - Maximum of 15 points
 - Prorated based upon caliper inches of preserved trees vs. caliper inches of trees endangered by harmful acts

Example: A developer applies for a building permit to construct an office building using an independent construction company to build the project and will use a third party management company post construction. Site plans show 100 caliper inches of existing trees to be preserved. At the pre-development meeting, staff determines that there are three individuals eligible for Certification Points (developer, contractor, manager) and that on-site education materials will be posted prominently throughout the construction site. Applicant only provides proof of certification for two individuals. On-site education materials are, indeed, posted during construction. Three harmful acts are cited during construction which put trees with 25 caliper inches at risk.

Calculation of Education Points Earned:

Certification Points (7.5 X 2/3) =	5.00
Plus: On-site Education Points	7.50
Less: Harmful Acts Points (25 / 100 X 15) =	<u>-3.75</u>
Total Education Points Earned	8.75