SECTION 32 90 00

PLANTING

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\*\* NOTE TO SPECIFIER \*\* This is a generic ARCAT specification, provided in the style and format of all ARCAT manufacturer's specifications. The Notes to Specifier are intended to provide guidance in editing the text. Delete and add text as required for your individual project.

1. GENERAL
	1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Trees, shrubs, plants and groundcover.
		2. Topsoil and soil amendments.
		3. Initial maintenance of planting materials.
		4. Pruning and relocation of existing plant materials.
	1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 31 20 00 - Earth Moving.
	1. SUBMITTALS
		1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
		2. Product Data: Manufacturer's data sheets on each product to be used, including:
			1. Preparation instructions and recommendations.
			2. Storage and handling requirements and recommendations.
			3. Installation methods.
		3. Maintenance Data: Submit maintenance data, including maintenance schedule.
		4. Notices: Submit 48-hour written notice prior to turnover to Owner for watering and maintenance.
		5. Warranty: Warrant trees and shrubs for a period of one year after date of Substantial Completion, against defects including death and unsatisfactory growth and except for defects resulting from neglect by Owner, abuse by others, or natural phenomena. Replace unsatisfactory plant material at end of warranty period at no additional expense to the Owner. One replacement is required.
	2. QUALITY ASSURANCE
		1. Installer Qualifications: Minimum 2 year experience installing similar products.
		2. Balled and Burlapped Plants and Trees: Graded to American Standard for Nursery Stock, ANSI Z60.1.
		3. Testing: Laboratory testing for suitable soil amendments and fertilizer.
	3. PRE-INSTALLATION MEETINGS
		1. Convene minimum two weeks prior to starting work of this section.
	4. DELIVERY, STORAGE, AND HANDLING
		1. Deliver and store products as recommended by supplier until ready for installation.
		2. Handling: Handle materials to avoid damage.
	5. PROJECT CONDITIONS
		1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside supplier's recommended limits.
	6. SEQUENCING
		1. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
1. PRODUCTS
	1. MANUFACTURERS

\*\* NOTE TO SPECIFIER \*\* Insert acceptable manufacturers. To research manufacturers, search www.arcat.com for the title of this section.

* + 1. Acceptable Manufacturers: \_\_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
	1. MATERIALS
		1. Plantings:

\*\* NOTE TO SPECIFIER \*\* Delete types not required.

* + - 1. Plant Materials: Deciduous trees and shrubs.
			2. Plant Materials: Coniferous trees and shrubs.
			3. Plant Materials: Ground cover and plants.

\*\* NOTE TO SPECIFIER \*\* Delete source not required.

* + - 1. Topsoil: Site stockpile.
			2. Topsoil: From offsite.
			3. Soil Amendments: Based on soil testing.
			4. Accessories:

\*\* NOTE TO SPECIFIER \*\* Delete accessories not required.

* + - * 1. Gravel: Water-worn gravel.
				2. Anti-Erosion Mulch: Seed-free salt hay or threshed straw.
				3. Anti-Dessicant: Emulsion type, film-forming.
				4. Plastic Sheet: Black polyethylene, 8 mils.
				5. Filtration Fabric: Water permeable fiberglass or polypropylene fabric.
				6. Wrapping: Tree-wrap tape.
				7. Stakes and Guys: New hardwood, treated softwood, or redwood.
				8. Metal Edging: Commercial steel edging.
				9. Wood Headers and Edging: All heart redwood or pressure treated southern yellow pine.
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
	2. PREPARATION
		1. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
	3. INSTALLATION
		1. Install materials in accordance with approved submittals. Install landscape work in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
		2. Prepare topsoil by mixing fertilizer with loam. Apply fertilizer at a rate of 2 pounds of actual nitrogen per 1000 sq. ft. for plant beds and 2 pounds per inch of trunk for tree pits.
		3. Install soil mix to a depth of 18 inches in plant beds.
		4. Excavate as required for trees and shrubs.
		5. Install plant material and backfill with soil mix. Stake and guy trees. Water thoroughly. Allow for soil settlement.
		6. Provide maintenance and watering until turnover to Owner for maintenance and watering. Replace damaged materials and dead or unhealthy plants prior to turnover to Owner.
	4. PROTECTION
		1. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION