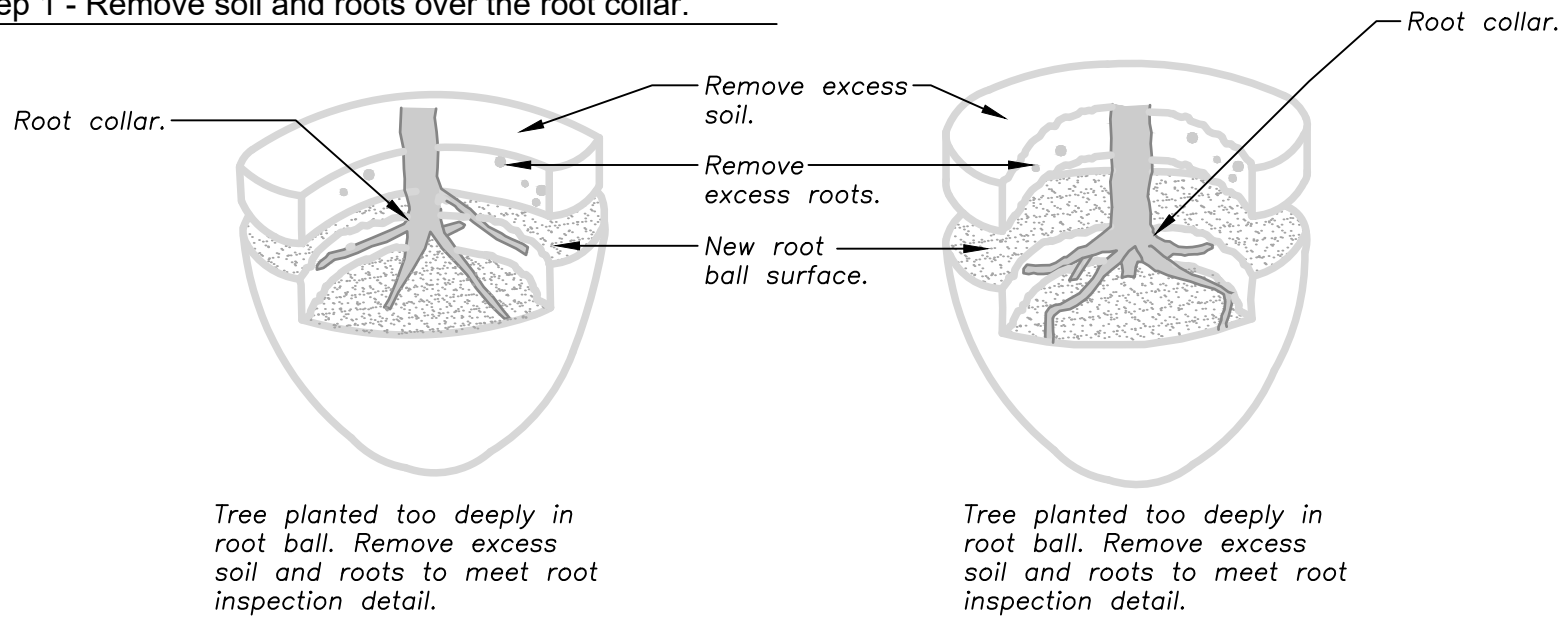


Step 1 - Remove soil and roots over the root collar.

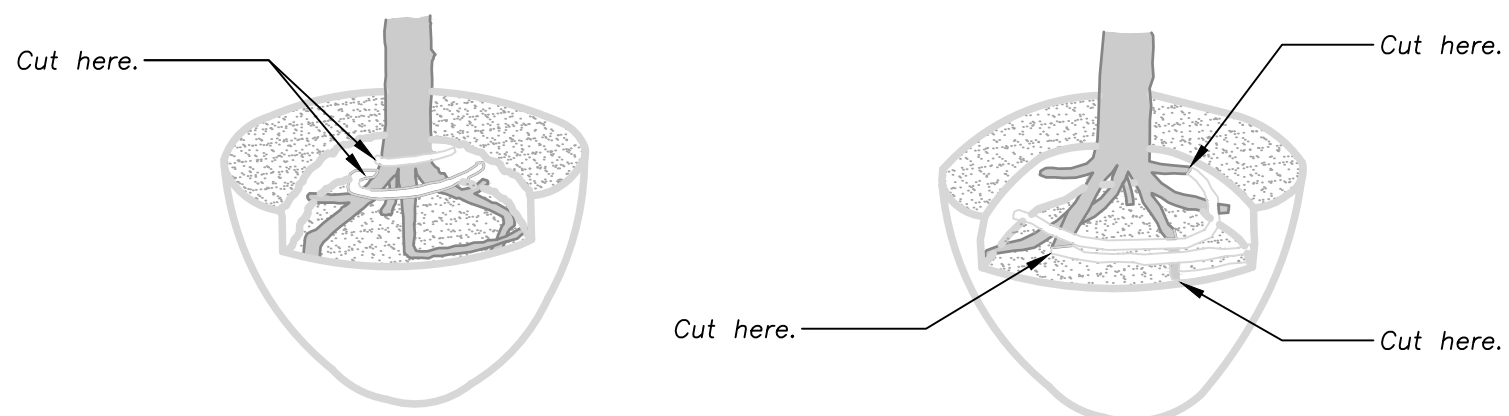


Step 2 - Remove defects.



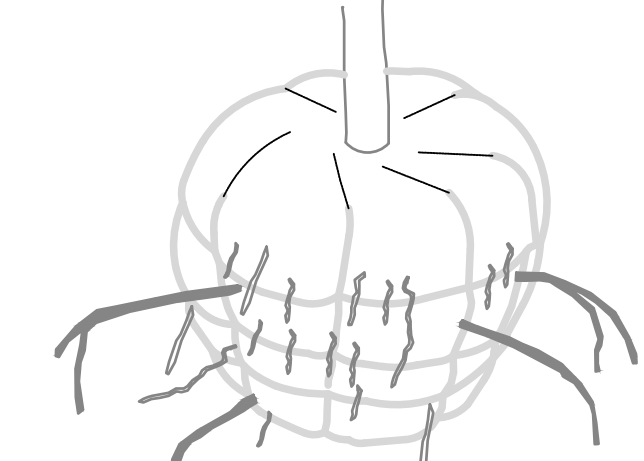
Five structural (large) roots shown in black. Remove structural (white) root wrapping root collar.

Four structural roots shown in black. Remove root (white) growing over structural roots.

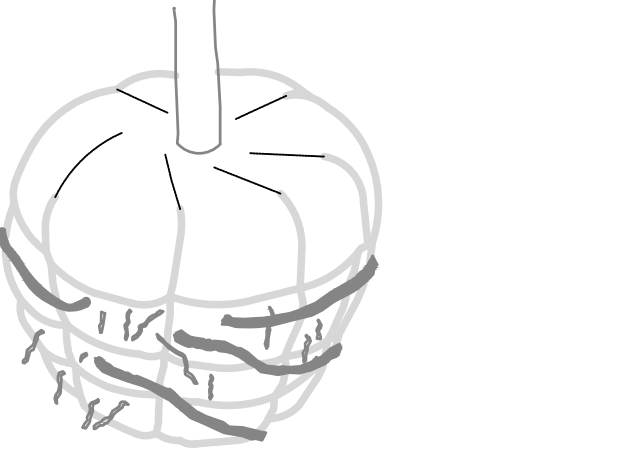


Six structural roots shown in black. Remove structural roots (white) growing over root collar by cutting them just before they make an abrupt turn.

Seven structural roots shown in black. Remove structural roots (white) growing around or over root collar by cutting them just before they make an abrupt turn.



Remove structural roots (4 shown in black) extending from root ball.



Remove structural roots (4 shown in black) deflected on root ball periphery. Small roots ($\frac{1}{4}$ " or less) at the periphery of the root ball are not defined as defects and do not need to be removed.

Notes:

- 1- All trees shown are rejectable unless they undergo recommended correction.
- 2- First step 1, then step 2. Adjust hole depth to allow for the removal of excess soil and roots over the root collar.
- 3- Roots and soil may be removed during the correction process; substrate/soil shall be replaced after the correction has been completed.
- 4- Trees shall pass root observations detail following correction.

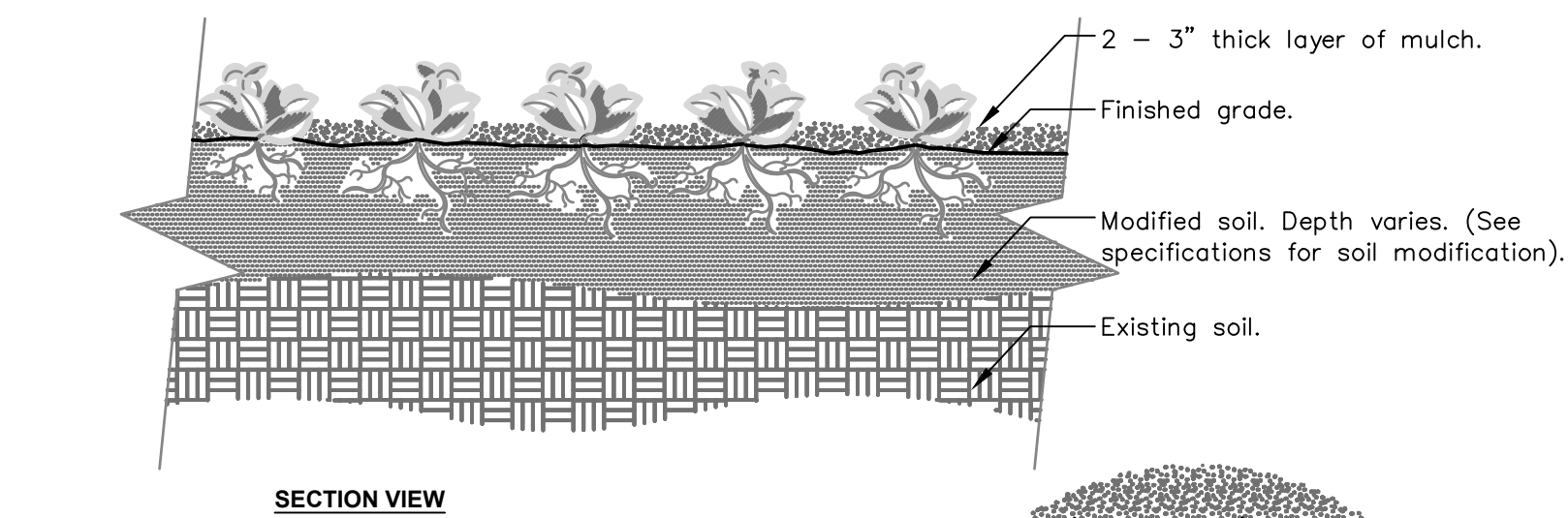
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801 ROOT BALL CORRECTION DETAIL

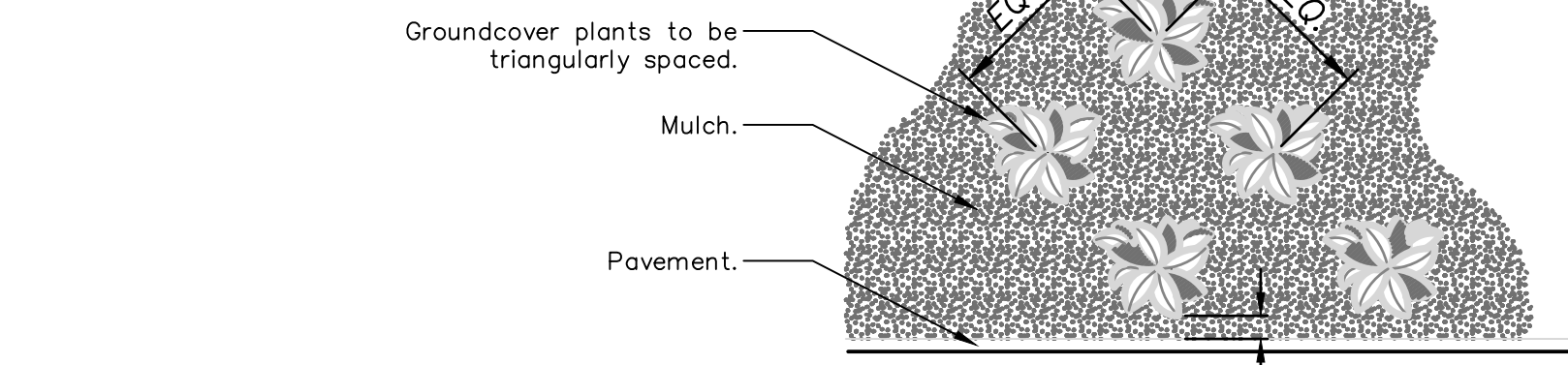
Not to Scale

803 SHRUB PLANTING DETAIL

Not to Scale



SECTION VIEW



PLAN

Notes:

- 1- See planting legend for groundcover species, size, and spacing dimension.
- 2- Small roots ($\frac{1}{4}$ " or less) that grow around, up, or down the root ball periphery are considered a normal condition in container production and are acceptable however they should be eliminated at the time of planting. Roots on the periphery can be removed at the time of planting. (See root ball shaving container detail).
- 3- Settle soil around root ball of each groundcover prior to mulching.

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804 GROUNDCOVER SPACING DETAIL

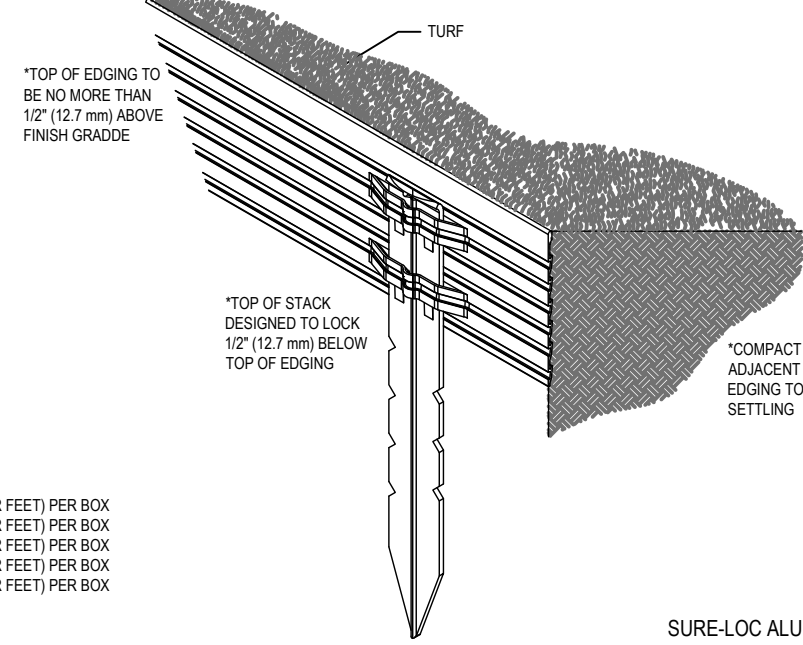
Not to Scale



SELECT DESIRED SIZE		
PRODUCT	SIZE	PACKAGE
<input type="checkbox"/> SURE-LOC CRISPRIDGE	1"8" x 4"	15 PIECES (150 LINEAR FEET) PER BOX
<input type="checkbox"/> SURE-LOC CRISPRIDGE	1"8" x 4" x 16"	15 PIECES (240 LINEAR FEET) PER BOX
<input type="checkbox"/> SURE-LOC CRISPRIDGE	1"8" x 5 1/2"	15 PIECES (240 LINEAR FEET) PER BOX
<input type="checkbox"/> SURE-LOC SUREEDGE	3"18" x 4"	10 PIECES (160 LINEAR FEET) PER BOX
<input checked="" type="checkbox"/> SURE-LOC SUREEDGE	3"18" x 5 1/2"	10 PIECES (160 LINEAR FEET) PER BOX

- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. CONTRACTORS NOTE: FOR PRODUCT AND PURCHASING INFORMATION VISIT www.CADdetails.com/info

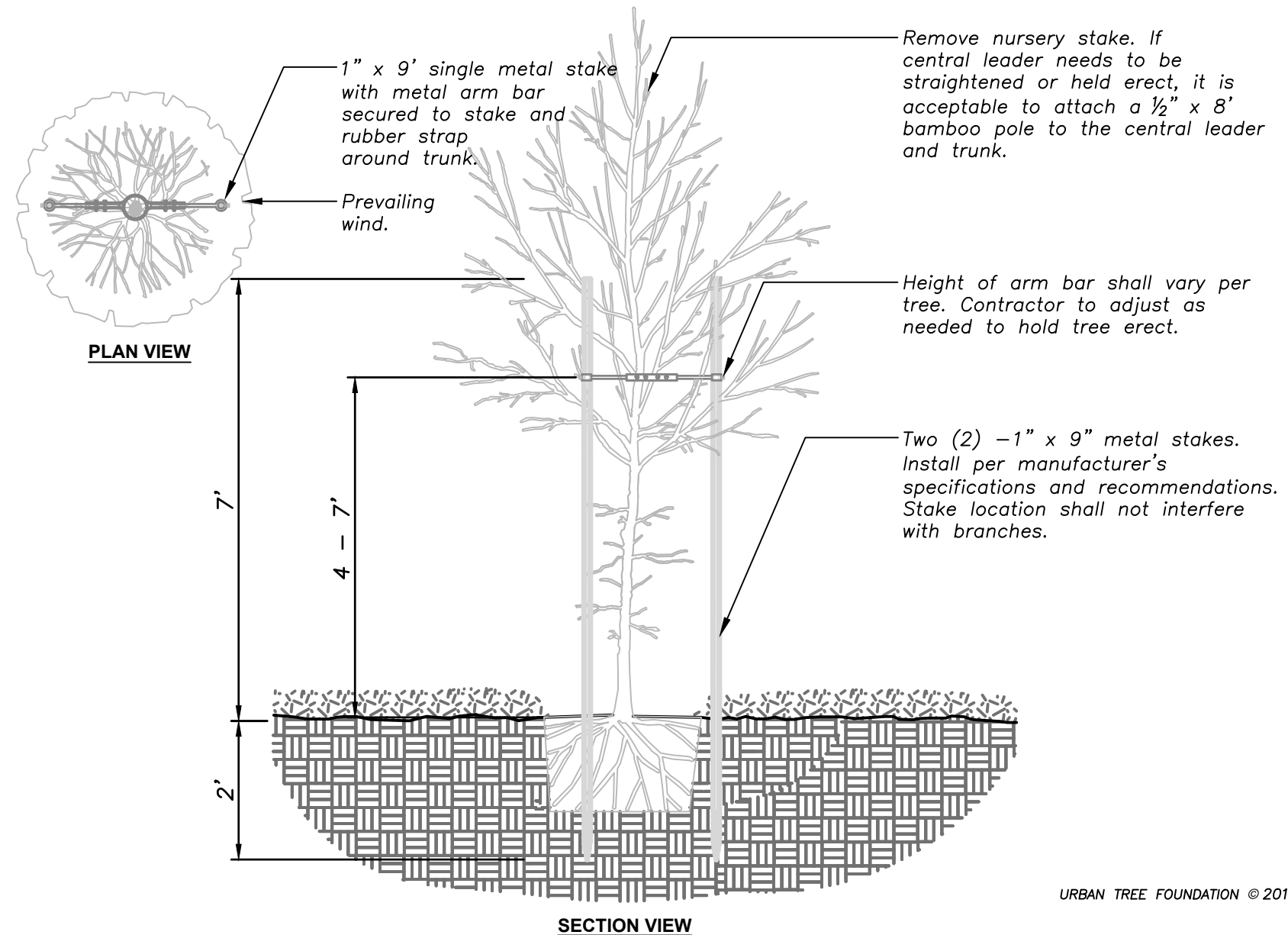
REFERENCE NUMBER 200-005



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TOLL FREE: 1-800-767-3662
PHONE: (616) 392-3009
FAX: (616) 392-5134
www.surelocedging.com

802 TREE STAKING DETAIL

Not to Scale



SECTION VIEW

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805 ALUMINUM LANDSCAPE EDGING DETAIL

Not to Scale

PLANTING NOTES

1. Location of all existing utilities needs to be done before commencing work.
2. The planting plan graphically illustrates overall plant massings. Each plant species massing shall be placed in the field to utilize the greatest coverage of ground plane. The following applies for individual plantings:
 - A. Creeping groundcover shall be a minimum of 6' from paving edge.
 - B. All trees shall be a minimum of 3 ft. from paving edge.
 - C. All plants of the same species shall be equally spaced apart and placed for best aesthetic viewing.
 - D. All shrubs shall be a minimum of 2 ft. from paved edge.
3. Mulch all planting bed areas to a minimum depth of 3". Mulch individual trees to a minimum depth of 2".
4. Note: If plants are not labeled - they are existing and shall remain.
5. All landscaped areas in right of way shall be sodded and irrigated unless otherwise specified.

MATERIALS:

1. Plant material shall be healthy, vigorous, and free of disease and insects as per AAN standards.
2. Kind, size and quality of plant material shall conform to American Standard for nursery stock, ANSI-Z60-2004, or most recent edition.
3. Shredded bark mulch installed at trees shall be finely chipped and shredded hardwood chips, consisting of pure wood products and free of all other foreign substances. Pine bark compost mulch installed at planting bed areas shall be free of all other foreign substances.

INSTALLATION:

1. All compacted soil within the area to be landscaped shall be removed to a depth of not less than two (2) feet and shall be backfilled with topsoil.
2. Prepare planting beds by incorporating an approved composed organic soil into existing soil for all shrub, perennial, and annual planting beds at a minimum depth of 6". Thoroughly mix organic material into the existing soil by roto-tilling or other approved method to a minimum depth of 12".
3. Planting of trees, shrubs, and seeded groundcover shall be commenced during either the spring (March 15 - June 15) or fall (September 1 - October 15) planting season and with water available for hand irrigation purposes.
4. Apply liquid, root stimulator, to all shrubs and groundcovers at rates recommended by manufacturer during first planting watering following installation.
5. All planting beds will be prepared with polypropylene landscape fabric before plant material is installed. Rock mulch to be placed over polypropylene landscape fabric at a depth of 2" - 4".
6. Landscape fabric should be installed flat with all folds either pinned down with 4" landscape pins, overlap adjoining sheets a minimum of 2 - 4" steel landscape staples to be used to pin down the corners before rock mulch is installed.
7. After plants have been installed, all planting beds shall be treated with dacthal pre-emergent herbicide prior to mulch application.
8. Plant pit backfill for trees and shrubs shall be 20% peat or well composted manure and 80% topsoil.
9. Trees planted in landscaped planting areas shall be situated a minimum of three (3) feet from any curb.
10. Plant material shall be maintained and guaranteed for a period of one year after owner's acceptance of finished job. All dead or damaged plant material shall be replaced at landscape contractor's expense.
11. Landscape contractor shall maintain all plant material until final acceptance, at which point the one year guarantee begins.
12. All landscape beds shall be level with surrounding hardscape.

SOD NOTES

1. All disturbed areas shall be sodded/seeded with turf-type tall fescue sod with a minimum of three cultivars.
2. All landscaped areas shall receive a minimum 6-inch depth of topsoil compacted to 85% density at optimum moisture content.
3. The entire surface to be landscaped should be reasonable smooth and free from stones, roots or other debris.
4. Sod shall be machine stripped at a uniform soil thickness of approximately one inch (plus or minus 1/4-inch). The measurement for thickness shall exclude top growth and thatch, and shall be determined at the time of cutting in the field. Precautions shall be taken to prevent drying and heating, sod damaged by heat and dry conditions, and sod cut more than 18 hours before being incorporated into the work shall not be used.
5. Handling of sod shall be done in a manner that will prevent tearing, breaking, drying and other damage. Protect exposed roots from dehydration. Do not deliver more sod than can be laid within 24 hours.
6. Moisten prepared surface immediately prior to laying sod, water thoroughly and allow surface to dry before installing sod, fertilize, harrow or rake fertilizer in the top 1-1/2-inches of topsoil, at a uniform rate.
7. Fertilizer shall be 20-10-5 commercial fertilizer of the grade, type, and form specified and shall comply with the rules of the state dept. of agriculture. fertilizer shall be identified according to the percent N,P,K in that order.
8. Saturate sod with fine water spray within two hours of planting. During the first week after planting, water daily or more frequently as necessary to maintain moist soil to a minimum depth of four inches.



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REVISIONS:

ISSUE DATE:

1ST	SITE PLAN REVIEW	02-16-21
2ND	PERMIT/BID SET	04-09-21

DRAWN BY:

PANDA PROJECT #: S8-22-D8193

PANDA STORE #: -

ARCH PROJECT #: 20044.021



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PLANTING DETAILS

L2.0

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