

AT CREEK BURGER COMPANY





HCB19005

SECTION 32 9300 - LANDSCAPE

PART 1 - GENERAL

1.1 REFERENCED DOCUMENTS

1.2 DESCRIPTION OF WORK

1.3 REFERENCE STANDARDS

- C. Texas Association of Nurserymen, Grades and Standards
- D. Hortis Third, 1976 Cornell University
- 1.4 NOTIFICATION OF SOURCES AND SUBMITTALS

- A. General Contractor to complete the following punch list: Prior to Landscape Contractor initiating any portion of landscape installation, General Contractor shall leave planting bed areas three (3") inches below final finish grade of sidewalks, drives and curbs as shown on the drawings. All lawn areas to receive solid sod shall be left one (1") inch below the final finish grade of sidewalks are considered to the contractor benoing any winks be removed upon to a landscape Contractor benoing any winks.

Trees, shrubs and groundcover shall be guaranteed for a twelve (12) month period after final acceptance. The Contractor shall replace all flead materials as soon as weather permits and upon notification of the Owner. Plants, including trees, which have partially died so that shape, size, or symmetry have been damaged, shall be considered subject to replacement. In such cases, the opinion of the

- Plants used for replacement shall be of the same size and kind as those originally planted and shall be planted as originally specified. All work, including materials, labor and equipment used in replacements, shall carry a twelve (12) month guarantee. Any damage, including ruts in lawn or bed areas, incurred as a result of making replacements shall be immediately replace.
- At the direction of the Owner, plants may be replaced at the start of the next year's planting season. In such cases, dead plants shall be removed from the premises immediately.
- When plant replacements are made, plants, soil mix, fertilizer and mulch are to be utilized as originally specified and re-inspected for full compliance with the contract requirements. All replacements are to be included under "Work" of this section.
- The Owner agrees that for the guarantee to be effective, he will water plants at least twice a week during dry periods and cultivate beds once a month after final acceptance.
- 4. Acceptance for all landscape work shall be given after final inspection by the Owner provided the job is in a complete, undamaged condition and there is a stand of grass in all lawn areas. At that time, the Owner will assume maintenance on the accepted work.
- A. Samples: Provide representative quantities of sandy loam soil, malch, bed mix material, gravel, crushed store, steel edging and Representative before use on the project.

 C. Repairs: Any necessary repairs under the Guarantee must be made within ten (10) days after receiving notice, weather made within ten (10) days after receiving notice, we can be added to the days after receiving notice, we can be added to the days after receiving notice, we can be added to the days after receiving notice, we can be added to the days after receiving notice, we can be added to the days after receiving notice, we can be added to the days after receiving notice

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01 TREE PLANTING DETAIL NOT TO SCALE

- Measurements: Measure trees with branches and trunks or canes in their normal position. Do not prune to obtain required sizes. Take caliper measurements six inches above ground for trees up to and including 4" caliper size, and twelve inches above ground for larger sizes. Measure main body of all plant material of height and spread dimensions,

do not measure from branch or root tip-to-tip.

- Owner's Authorized Representative shall inspect all plant material with requirements for genus, species, cultivar / variety size and quality.

1.8 PRODUCT DELIVERY, STORAGE AND HANDLING

- Deliver only plant materials that can be planted in one day unless adequate storage and watering facilities are available on job site.

- 6. Remove rejected plant material immediately from job site.

TREE PLANTING DETAIL LEGEND AND NOTES

B. TREE PIT: WIDTH TO BE AT LEAST TWO (2) TIMES THE DIAMETER OF THE ROOT BALL CENTER TREE IN HOLE & REST ROOT BALL ON UNDISTURBED NATIVE SOIL.

C. ROOT BALL: REMOVE TOP 1/3 BURLAP AND ANY OTHER FOREIGN OBJECT; CONTAINER GROWN STOCK TO BE INSPECTED FOR GIRDLING ROOTS.

D. ROOT FLARE: ENSURE THAT ROOT FLARE IS EXPOSED, FREE FROM MULCH, AND AT LEAST TWO INCHES ABOUGH GRADE. THEES SHALL BE REJECTED WHEN GIRDLING ROOTS ARE PRESENT & ROOT FLARE IS NOT APPARENT.

E. ROOTBALL ANCHOR RING: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. PLACE ROOTBALL ANCHOR RING ON BASE OF ROOTBALL TRUNK SHOULD BE IN THE CENTER OF THE RING.

F. ROOT ANCHOR BY TREE STAKE SOLUTIONS.

- General: Well-formed No. 1 grade or better nursery grown stock. Listed plant heights are from tops of root balls to nominal tops of plants. Plant spread refers to nominal outer width of the plant, not to the outer leaf tips. Plants will be individually approved by the Owner's Authorized Representative and his decision as to their acceptability shall be final.
- B. Quantities: The drawings and specifications are complimentary. Anything called for on one and not the other is as binding as if shown and called for on both. The plant schedule is an aid to bidders only. Confirm all quantities on plan.

(no amendments) WATER THOROUGHLY TO ELIMINATE AIR POCKETS.

OR APPROVED EQUAL. TREES SHALL BE STAKED BELOW GROUND WHERE NECESSARY; ABOVE GROUND STAKING IS EXPRESSLY PROHIBITED.

. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY THE MANUACTURER'S SPECIFICATIONS FROM STATES, CONTRACTOR SHALL GOMEN CONTRACTOR SHALL GOMEN OF COMMUNICATIONS, AND OTHER REQUIREMENTS FOR TREE STAKE INSTALLATION.

specified at no additional cost to the Owner.

- F. Pruning: All pruning of trees and shrubs, as directed by the Landscape Architect prior to final acceptance, shall be executed by the Landscape Contractor at no additional cost to the Owner. 2.2 SOIL PREPARATION MATERIALS

A. Sandy Loam:

- Friable, fertile, dark, loamy soil, free of clay lumps, subsoil, stones and other extraneous material and reasonably free of weeds and foreign grasses. Loam containing Dallasgrass or Nutgrass shall be rejected.
- 3. Organic matter shall be 3%-10% of total dry weight.
- If requested, Landscape Contractor shall provide a certified soil analysis conducted by an approved soil testing laboratory verifying that sandy loam meets the above requirements.
- Premixed Bedding Soil as supplied by Vital Earth Resources, Gladewater, Texas; Professional Bedding Soil as supplied by Living Earth Technology, Dallas, Texas or Acid Gro Municipal Mix as supplied by Soil Building Systems, Dallas, Texas or approved equal.
- Sharp Sand: Sharp sand must be free of seeds, soil particles and weeds.
- Mulch: Double Shredded Hardwood Mulch, partially decomposed, dark brown. Living Earth Technologies or approved equal.
- F. Organic Fertilizer: Fertilaid, Sustane, or Green Sense or equal as recommended for required applications. Fertilizer shall be delivered to the site in original unopened containers, each bearing the manufacturer's guaranteed statement of analysis.
- . Commercial Fertilizer: 10-20-10 or similar analysis. Nitrogen source to be a minimum 50% slow release organic Nitrogen (SCU or UF) with a minimum 8% sulfur and 4% iron, plus micronutrients.
- H. Peat: Commercial sphagnum peat moss or partially decomposed shredded pine bark or other approved organic material.

2.3 MISCELLANEOUS MATERIALS

- A. Steel Edging: All steel edging shall be 3/16" thick x 4" deep x 16" long with 6 stakes per section, painted black at the factory as manufactured by The J.D. Russell Company and under its trade name DURAEDGE Heavy Dury Steel.

SHRUBS / GROUNDCOVER; REFER TO LANDSCAPE PLAN

TOP OF MULCH 1/2" MINIMUM BELOW TOP OF-CONCRETE WALK / CURB

NOTE: NO STEEL EDGING SHALL BE INSTALLED ALONG SIDEWALKS OR CURBS

SCARIFY SIDES

02 SHRUB / GROUNDCOVER DETAIL
NOT TO SCALE

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- PART 3 EXECUTION 3.1 BED PREPARATION & FERTILIZATION
 - A. Landscape Contractor to inspect all existing conditions and report any deficiencies to the Owner.

- Prepare new planting beds by scraping away existing grass and weeds as necessary. Till existing soil to a depth of six (67) inches prior to placing compost and fertilizer. Apply (67) inches of compost and till into a depth of six (67) inches of the topost. Apply organic fertilizer such as Sustane or Green Sense at the rate of twenty (20) pounds per one thousand (1,000) square fertiler.
- All planting areas shall receive a two (2") inch layer of specified mulch.
- Backfill for tree pits shall be as follows: Use existing top soil on site (use imported topsoil as needed) free from large clumps, rocks, debris, caliche, subsoils, etc., placed in nine (9") inch layers and watered in thoroughly.

- Position the trees and shrubs in their intended location as per plan.
- E. Excavete pils with vertical sides and horizontal buttom. Tree pils shall be large encoging to earning horizontal particular and plant policy and plant policy and plant policy and plant plant policy depth that, when planted and settled, the crown of the plant shall bear the same relationship to the finish grade as it did to soil surface in original place of growth.

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tree planting detail as approved by the Landscape Architect if the

- Backfill only with 5 parts existing soil or sandy loam and 1 part bed preparation. When the hole is dug in solid rock, topsoil from the same area should not be used. Carefully settle by watering to prevent air pockets. Remove the burlay from the top k of the ball, as well as all mylon, plastic string and wire. Container trees will usually be root bound, if so follow standard nursery practice of 'root scoring."
- J. Do not wrap trees.
- K. Do not over prune.
- Mulch the top of the ball. Do not plant grass all the way to the trunk of the tree. Leave the area above the top of the ball and mulch with at least two (2") inches of specified mulch.

- 2. Pruning shall be done with clean, sharp tools.
- Immediately after planting operations are completed, all tree pits shall be covered with a layer of organic material two (2") inches in depth. This limit of the organic material for trees shall be the diameter of the plant pit.

- Curbing shall be aligned as indicated on plans. Stake out limits of steel curbing and obtain Owners approval prior to installation

- Do not install steel edging along sidewalks or curbs.

3/16" X 4" BLACK EDGING, STAKES ON INSIDE; EDGING SHALL BE 1/2" MAXIMUM HEIGHT ABOVE FINISH GRADE

-LAWN / FINISH GRADE

studio

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