

LANDSCAPE CALCULATIONS Special Zoning District TC = Town Center District 51 Stalls Parking Provided ±164 LF Rear Adjacent to Residential Street Frontage ±164 LF East Side Buffer ±383 LF ±389 LF West Side Buffer 1,275 SF (25 SF/ Stall) Parking Landscape Requirement 5 Canopy Trees (1 Tree/12 Stalls) Rear Buffer Large Canopy Trees (mature spacing) 5 Gal. Dwarf Yaupon Holly (5' O.C.) Keller Parkway Buffer Row of 4" Cal. Red Oaks (30' O.C.) Row of 5 Gal. Dwarf Yaupon Holly (5' O.C.) Special Ornamental Columns (30' O.C.) East Side Buffer Large Canopy Trees (mature Spacing) West Side Buffer Large Canopy Trees (mature Spacing) 4,348 SF Parking Landscape Requirement 9 Canopy Trees 30' Buffer Rear Buffer 5 Large Canopy Trees 33 Dwarf Yaupon Holly (5' O.C.) Keller Parkway Buffer 5 Red Oaks (30' O.C.) 5 Yaupon Holly (Tree Form 30' O.C.) 26 Dwarf Yaupon Holly (5' O.C.) 4 Special Ornamental Columns (30' O.C.) East Side Buffer 12 Large Canopy Trees (mature Spacing) West Side Buffer 12 Large Canopy Trees (mature Spacing) 38 Trees (24 Deciduous/14 Evergreen) 107 Shrubs SITE DEVELOPMENT 73 Ornamental Grasses 14 Perennials 1,633 SF Ground Cover 17,007 SF Turf (Including RoW) Landscape contractor to maintain the site landscape until final approval from the owner. Once landscape has been approved and accepted by the owner, the owner will take responsibility of routine maintenance Landscape to be maintained on a regular schedule Maintenance to include (but not limited to) moving, fertilization, weed removal, All landscape maintenance to be done in accordance with City of Keller Codes and

Contractor shall be responsible for any damage caused to the utilities (both overhead and buried) which may occur due to his action or lack of action on the project site during landscape or irrigation installation. Contractor shall seek the assistance of local utilities and the owner in locating the utilities prior to performing trenching operations in any area.

2. Plant trees three (3) inches above finished grade. Cut and remove twine from around the trunk and ball. Cut and remove burlap from the top  $\frac{1}{3}$  to  $\frac{2}{3}$  of the root ball. Plant shrubs two (2) inches above finished grade. Crown Islands 6" above top of curb or as directed on drawing. All planting beds shall have positive drainage out of the bed and away from

All landscape work to be done in accordance to industry standards.

Landscape contractor shall locate all utilities prior to starting work. Landscape contractor will be responsible for the repair of any damage caused to utilities.

5. All shrub, groundcover, and seasonal plantings shall receive soil

6. Mix 17-6-12 fertilizer into the top two (2) inches of soil in the planting beds at a rate of five

and  $\frac{1}{3}$  excavated soil from tree pit. For trees smaller than two (2) inch caliper, apply four (4) slow release fertilizer tablets (20-10-5, 21 gram tablets). For trees larger than two (2) inch caliper, apply six (6) slow release fertilizer tablets (20-10-5, 21 gram tablets). All areas of the site (and adjacent street Rights-of Way that are disturbed by construction

shall be sodded with Patriot Bermuda. Sod shall only be installed from April 15 -9. May 1 - August 31 - Apply a 16-8-8 fertilizer at a rate of six (6) pounds per 1,000 square

10. September 1 - April 30 - Apply 6-2-0 fertilizer at a rate of ten (10) pounds per 1,000 square feet of lawn area. This fertilizer shall be applied prior to sodding.

11. Quantities of materials shown in plant material list is for contractor's convenience and information only. Contractor to verify quantities and provide all plants as specified on

12. Prior to beginning any work on the site, the landscape contractor shall contact the general contractor/project manager for specific instructions relevant to the sequencing of work.

plant list and/or location of plants as deemed necessary. 14. Landscape contractor shall provide all labor, materials and service necessary to furnish and install plantings as specified her in and as shown on these plans. All plant materials shall be protected from the drying action of the sun and wind after being dug, while being

immediately shall be protected from drying action by covering them with moist mulch. Periodically, apply water to mulch-covered root balls to keep moist. If planting should occur during growing season, apply anti-dessicant to leaves before transport to reduce likelihood of windburn. Reapply anti-dessicant after planting to reduce transpiration. All plant material shall be well-formed and developed in good condition, healthy and

disease-free, and be typical of the species. Plants shall comply in all applicable respects with acceptable standards as set forth in the American Association of Nurseryman's "American Standard of Nursery Stock." Owner and landscape architect reserve the right to reject at any time or place prior to final acceptance of work, any and all plants which, in their opinion, fail to meet these specification requirements.

from containers before planting. Plants that appear root-bound shall be root pruned through the use of a vertical slicing method prior to planting. 17. Landscape contractor shall locate all utilities prior to starting work. Landscape contractor 18. Protect and save the existing plant materials shown on plans unless noted to be removed.Plant ground cover within one (1) foot of trunk of trees or shrubs planted within area. Planting arrangement shall be triangular, with proper on-center spacing betweer

OFF-SITE PAVING

WALKS

**PARKING AREA** 

PARKING LOT LANDSCAPE 4,361 SF

PERIMETER LANDSCAPE

OFF-SITE LANDSCAPE

BUILDING

63,526 square feet 1.458 acres

19. Seasonal annual beds are to be planted with local materials that will offer the longest

lasting and boldest color display at the time of installation. 20. All planting bed and lawn areas will be received by the landscape contractor, from the general contractor, within 0.1 of a foot of finish grade. The landscape contractor shall grade all planting and lawn areas to smooth and uniform levels or slope without any abrupt changes. All soil areas, planting beds or lawns adjacent to buildings shall be graded to allow positive drainage away from the buildings to either the parking areas or area drains. The finish grade, in all planting areas, after adding soil amendment and settlement, shall be one inch below curbs, sidewalks, and other paving. Rough grading for berms or other lawn features shall be performed by the general contractor.

21. When clay soil is encountered in the establishment of the lawn or the installation of the plant material it shall be improved in accordance with standard trade practice.

22. backfill for plant excavations to be clean natural soil, excavated from planting pits mixed with compost at a rate of 3:1 soil to compost. 23. Cultivate ground cover planting beds to a depth of 8". Till compost into soil at a rate of

3:1 soil to compost. 24. All plant materials shall have backfill carefully placed around base and sides of ball to two-thirds  $(\frac{2}{3})$  depth of ball, then thoroughly soaded with water to allow settlement. All wire, burlap fasteners and loose burlap around base of trunk shall be removed at this

time. Remainder of pit shall then be backfilled, allowing for depth of mulch, saucer and settlement of backfill. Backfill shall then be thoroughly watered once again. 25. Plant ground cover within one (1) foot of trunk of trees or shrubs planted within area.

Planting arrangement shall be triangular, with proper on-center spacing between plants. 26. Seasonal annual beds are to be planted with local materials that will offer the longest lasting and boldest color display at the time of installation.

27. Fertilize all plants with with 6-10-4 commercial fertilizer as directed by instructions on

fertilizer. Except for annual and perennial beds. 28. Use Shredded Hardwood Mulch, place 2" of mulch in all shrub beds. Place 2" of mulch in ground cover beds, place 2" of mulch in all tree saucers. All mulch in tree saucers shall

be incidental to tree installation and not counted in mulch quantity. 29. Planting beds receiving mulch are to be free of weeds and grass. Treat beds with a pre-emergent herbicide After planting and mulch placement. Apply in accordance with

standard trade practice. Do not apply herbicide in perennial beds. 30.  $4"x^{3}_{16}"$  painted steel edging shall be used to separate all turf areas from planting beds.

Place edging flush with grade. 31. After planting is completed, repair injuries to all plants as required. Limit amount of pruning to a minimum necessary to remove dead or injured twigs and branches. Prune in such a manner as not to change natural habit or shape of plant. Make cuts flush, leaving

no stubs. Central leaders shall not be removed. 32. Guarantee trees, shrubs, ground cover plants for one calendar year following provisional acceptance of the overall project. During the guarantee period, plants that die due to natural causes or that are unhealthy or unsightly in condition, shall be replaced by the contractor. Plant used for the replacement shall be planted at the appropriate planting

33. At the completion of planting operations all plants shall be inspected by the owner. Contractor shall replace immediately any plants no in healthy and vigorous condition at that time at no expense to the owner. Any plant not in healthy condition after one full year from the date of final acceptance shall be replaced as per the original specifications,

34. Landscape contractor to remove tree stakes, and all dead wood on trees and shrubs one year after provisional acceptance.

> Detention area added, trees species changed in 2. 7-5-18 Detention area revised per civil, turf area

> 8-20-18 Thornless Honeylocust for Live Oak. 4. 8-24-18 Shurbs and columns moved 2' south to allow for a 2' vehicle overhang.

Greenway-Keller, I LANDSCAI PLAN

KELLER PARKWAY

35,555 SF

6,131 SF

13,932 SF

3,008 SF

2,616 SF

11,470 SF