

LandiPlace

310 Longmire Road Conroe, TX 77304 Tel: 936.756.3041

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ISSUANCE:

DESIGN DEVELOPMENT 09/05/2023

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/ VILLA MARIA RD BRYAN, TX 77801

DESIGNER | RP, DC DRAWER | RP CHECKER CTW, DC

| ISSUANCES & REVISIONS | | | | |
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LANDSCAPE PLAN

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| | ROOT ANCHOR ITEM# | ROOT BALL & CONTAINER SIZE | QUANTITY & ANCHOR SIZE |
|-------|-------------------|------------------------------------|------------------------|
| | 15-BG | 10 / 15 Gallon or 17" root ball | 3 - V68 Anchors |
| | 30-BG | 20 / 39 Gallon or 22" root ball | 3 - V68 Anchors |
| | 45/65-BG | 45 / 65 Gallon or 27-30" root ball | 3 - V68 Anchors |
| 4 1/2 | 100-BG | 95 / 100 Gallon or 36" root ball | 3 - V68 Anchors |
| | 150-BG | 150 Gallon or 42" root ball | 3 - V68 Anchors |
| | 200-BG | 200 Gallon or 48" root ball | 3 - V88 Anchors |
| | 300-BG | 300 Gallon or 58" root ball | 3 - V88 Anchors |
| | CUSTOM-BG | Root Balls larger than 60" | |

TREE STAKE SOLUTIONS ROOT ANCHOR 3" MULCH - CREATING A 3" DEEP SAUCER

PLACE TOP OF ROOT BALL

CONTAINER PLUS 24"

POSITIVE DRAINAGE

UNDISTURBED SUBSOIL

MIN. 1" - MAX. 2" ABOVE GRADE

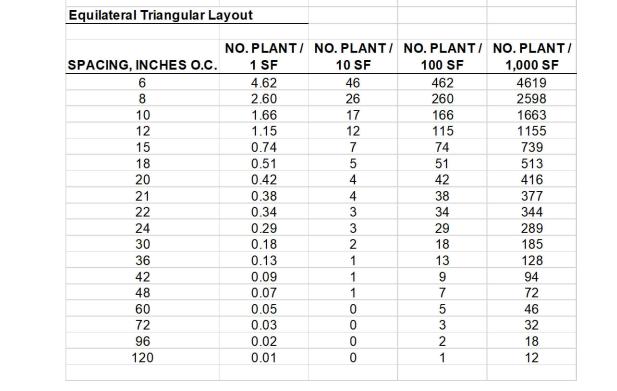
BACKFILL (USING EXISTING SOIL)

BREAK THROUGH AND REMOVE ANY

EXISTING "HARDPAN" AS NEEDED TO PROVIDE GOOD PERCOLATION AND

N.T.S.

(NO MULCH AGAINST TRUNK)



PLANT SPACING/QUANTITY CHART

PLANT SPACING

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DESIGN

DEVELOPMENT

09/05/2023

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CONSTRUCTION PURPOSES

ISSUANCE:

D = DIMENSION OF PLANT SPACING (SHRUB AND GROUNDCOVER AS INDICATED ON DRAWINGS.) SHRUBS AS SPECIFIED PLANTING SOIL MIX LEAVE NO ROOT VOIDS 4" LAYER MULCH **PAVEMENT** - 4" MULCH BREAK THROUGH AND REMOVE ANY EXISTING — UNDISTURBED SUBGRADE "HARDPAN" AS NECESSARY TO PROVIDE GOOD

SHRUB PLANTING

PERCOLATION AND POSITIVE DRAINAGE

1. Soil at at site will be rough graded by others to the level of ±1 ½" below final grade. Grass areas will be rough graded by others approximately 2" below top of curb. Landscape Contractor shall backfill with planting mix to 1" below curb level around building, in islands and at parking lot

2. Quality and Size: Trees shall have a straight trunk throughout their height and any tree with a weak, thin trunk not capable of supporting itself when planted in the open will not be accepted. The minimum acceptable size of all plants measured before pruning with branches in normal position shall conform to the measurements specified in ANSI Z60.1 "American Standard for Nursery Stock". Plants larger in size than specified may be used, but the use of larger plants shall not affect the contract price. If larger plants are used, increase the ball of earth or spread of roots proportionately.

3. Container-grown plants: Plants grown in pots, cans, tubs or boxes shall have a vigorous root system. They shall have sufficient roots to hold earth together intact after removal from containers. Container shall be free from noxious weeds including Bermuda grass. Only plant material grown in a recognized nursery in accordance with good horticultural practice will be accepted. Plants must have been grown under climatic conditions (temperature extremes similar to those of the locality of the project site) for a minimum of 3 months, immediately prior to being planted on the job.

4. The selection of all materials and the execution of all operations required under the specifications and drawings are subject to the approval of the Project Manager and the Owner. They have the right to reject any and all materials and any and all work which in their own opinion, does not meet the requirements of the contract documents at any stage of the operations. The Contractor shall remove rejected work and/or materials from the job site and replace promptly.

5. Protection After Delivery: Upon delivery to the site, plant all nursery stock as soon as possible. Until planting, do not expose stock to excessive sun or drying winds. Remove stock, which is not satisfactory. If any plants shall deteriorate or die during this period the Subcontractor shall replace them at no additional

6. Properly protect, maintain and water stock in containers. The Contractor is responsible for all care and maintenance of the plant material from time of delivery until provisional acceptance by the Project Manager and for 90 days

7. Quantities shown on these plans are for guide and reference only. Plant spacing is as indicated in the Plant Materials List unless otherwise noted. The Contractor has full responsibility to provide coverage in all planting areas as

8. Know what's below Call 811, before you dig.

9. Prior to the excavation for planting or placing of plant materials, the Contractor shall verify the location of all underground utility lines and other improvements and take proper precautions to avoid damage to such improvements. In the event of conflict between such improvements and plant locations, the Contractor shall notify the Project Manager and arrangements will be made for relocation as necessary. Failure to follow this procedure places upon the Subcontractor responsibility for making any and all repairs for damage resulting from work as herein specified at his own expense.

10. Warranty all trees, shrubs, groundcovers and grass for a period of one year after date of provisional acceptance against defects including unsatisfactory growth and death unless these conditions result from factors which in the opinion of the Project Manager are beyond the Landscape Contractor's control.

TREE PLANTING ROOT ANCHOR

SECTION

UNDISTURBED SUBSOIL

HEIGHT VARIES (SEE PLANT LIST)

ROOT BALL

DEPTH

6" DEPTH $^{oldsymbol{\bot}}$

N.T.S.

N.T.S.

FINISH GRADE, PLANT BED,

TOPSOIL

LAWN, OR GROUND COVER

Throughout the project and the maintenance period for turfgrass, it is the Contractor's responsibility to maintain the topsoil in place at specified grades. Topsoil and turfgrass losses due to erosion will be replaced by the Contractor until ESTABLISHMENT and ACCEPTANCE is achieved.

SOIL PREPARATION:

All slopes and areas disturbed by construction, except those occupied by buildings, structures, or paving shall be graded smooth. If adequate topsoil is not available onsite, the Contractor shall provide topsoil as approved by the Owner. The area shall be dressed to typical sections and plowed to a depth of five (5") inches. Soil shall be further prepared by the removal of debris, weeds and stones larger than 3/4 inch in diameter. After tillage and cleaning, all areas to receive turf shall be leveled, fine graded, and drug with a weighted spike harrow or float drag.

GRASS SOD:
Turfgrass sod shall be as per landscape plan. Sod shall consist of stolons, leaf blades, rhizomes and roots with a healthy, virile system of dense, thickly matted roots throughout the soil of the sod for a thickness not less than three-quarters (3/4") inch. Sod shall be alive, healthy, vigorous, free of insects, disease, stones, and undesirable foreign materials and grasses. The grass shall have been mowed prior to sod cutting so that the height of grass shall not exceed two (2 ½ ") inches. Sod shall have been produced on growing beds of clay-loam topsoil. Sod shall not be harvested or planted when its moisture condition is so excessively wet or dry that its survival will be affected. All sod is to be harvested, delivered, and planted within a thirty-six (36) hour period of time. Sod shall be protected from exposure to wind, sun, and freezing. Should installation occur between November and March, sod shall include an over-seed of Annual Rye for a grown-in appearance.

In the absence of an irrigation system or areas beyond the coverage limits of a permanent irrigation system, Contractor shall water sod temporarily to develop adequate growth and establishment before regular maintenance begins. Turf shall be watered until firmly established.

Water shall be furnished by the Owner and applied by the Contractor with means and methods available to achieve acceptable turf. The water source shall be clean and free of industrial wastes or other substances harmful to the growth of the turf.

MAINTENANCE REQUIREMENTS:

Vegetation should be inspected regularly to ensure that plant material is established properly and remains healthy. Mowing, trimming and supervision of water applications shall be the responsibility of the Contractor until the Owner or Owner's Representative accepts and assumes regular maintenance.

Notify Landscape Architect or designated representative of any layout discrepancies or any condition which may prohibit the installation as shown.

Verify and locate all utilities and site lighting conduits before landscape construction begins. Protection of all utilities is the responsibility of the Contractor.

All landscape planting areas: To obtain final grade, excavation may be necessary to accept the required depth of topsoil/compost mix with surface dressing or mulch. All beds shall be crowned to anticipate settlement and ensure drainage without disrupting surrounding planned drainage paths. Any areas disturbed for any reason prior to final acceptance of the project shall be corrected by the Contractor at no additional expense to the Owner.

All newly planted landscaped areas will be irrigated with an underground automatic

Quantities shown on these plans are for reference only. Plant spacing is as indicated in the Plant Material List unless otherwise noted. The Contractor has full responsibility to provide coverage in all planting areas as specified.

All trees, shrubs, and groundcovers shall be installed per planting details.

Trees shall be planted at least five feet (5') from any utility line or sidewalk, and to the outside of utility easements with a clear ten feet (10') around fire hydrants. Shrubs, regardless of type, shall not be planted within thirty inches (30") of bed perimeters.

TOPSOIL: TILL SUBSOIL TO

A DEPTH OF 6"

TOP OF SOD TO BE FLUSH

WITH TOP OF PAVEMENT

GRASS SOD

LANDSCAPE NOTES

LANDSCAPE GENERAL NOTES

N.T.S.

DESIGNER | RP, DC DRAWER RP CHECKER CTW, DC

| | ISSUANCES & REVISIONS | | | | | |
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LANDSCAPE DETAILS

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STEEL EDGING

15" STEEL STAKE ----

— PAVEMENT

SUBGRADE

SOD PLANTING

RYERSON STEEL EDGING,

1/4" BLACK STEEL EDGING

TOPSOIL: TILL SUBSOIL

7 6

TO A DEPTH OF 6"

GRASS

N.T.S.

N.T.S.

/ VILLA MARIA RD BRYAN, TX 77801