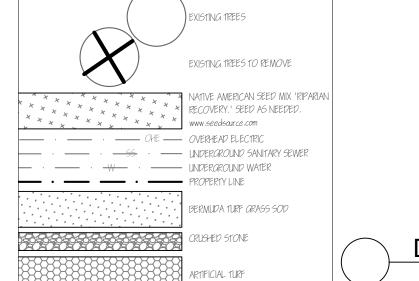


			Texas			
Common Name	Botanical Name		Native	Size	Qty	Remarks
Abelia 'Edward Goucher'	Abelia x 'Edward Goucher'	Shrub	No	5 gal	3	full pots
American Agave	Agave americana	Shrub-like	Yes	10 gal	5	specimen
Bald Cypress	Taxodium distichum	Tree	Yes	65 gal	6	3' cal (non-frontage)
Cedar Elm	Ulmus crassifolia	Tree	Yes	65 gal	4	3' cal (non-frontage)
Dwf Yaupon Holly	Ilex vomitoria 'nana'	Shrub	Yes	5 gal	73	full pots
Gulf Coast Muhly grass	Muhlenbergia capillaris	Grass	Yes	3 gal	23	full pots
Lacey Oak	Quercus glaucoides	Tree	Yes	65 gal	5	3' cal (non-frontage)
Live Oak	Quercus virginiana	Tree	Yes	65 gal	11	3' cal (non-frontage)
Mexican Buckeye	Ungnadia speciosa	Small tree	Yes	30 gal	3	6' height at planting
Mexican Feather Grass	Nassella tenuissima	Grass	Yes	1 gal	122	full pots
Texas Red Oak	Quercus texana	Tree	Yes	100 gal	11	4" cal (street frontage)
Yaupon Holly	Ilex vomitoria	Small tree	Yes	45 gal	11	2" cal, single trunk
Bermuda grass sod	Tiff 419				30,618	sq ft
Metal Edging	14 ga. green metal 4" size edging with stakes				570	lin ft
Riparian Recovery Mix	Native American Seed Co www.seedsource.com				18,288	sq ft
Crushed stone	Local aggregate/crushed 1-2" pieces, 5" depth				135	sq ft



(512) 463-3211 (512) 475-2886 (FAX) DRAWING KEY

# **Jurisdiction of Project**

REGULATORY AUTHORITIES: CITY OF KELLER PLANING AND ZONING

P.O. BOX 770, KELLER, TX 76244 KELLER TOWN HALL, 1100 BEAR CREEK PKWAY 817-743-4195

TEXAS DEPARTMENT OF LICENSING AND REGULATION ELIMINATION OF ARCHITECTURAL BARRIERS E.O. THOMPSON STATE OFFICE BUILDING 920 COLORADO AUSTIN, TEXAS 78701

#### **Landscaping Requirements**

KELLER, TX CODE OF ORDINANCES SECTION 9.03 - LANDSCAPE REQUIREMENTS

TOWN CENTER REQUIREMENTS MINIMUM LANDSCAPING FOR NON-RESIDENTIAL

REQUIRED: 30 FT PROVIDED: 30 FT

A. BUFFERS LANDSCAPE BUFFER WIDTH ADJACENT TO 4 LANE THOROUGHFARE REQUIRED: 30 FT PROVIDED: 30 FT LANDSCAPE BUFFER WIDTH ADJACENT TO RESIDENTIAL

TOWN CENTER REQUIREMENTS B. CANOPY TREES IN BUFFER ZONE (FRONTAGE 395.2 LIN FT)

REQUIRED: 11 OF TEXAS RED OAK, 30' O.C. PROVIDED: 11 TREES OF 35' SPREAD (TEXAS RED OAK)

C. ORNAMENTAL TREES - FRONTAGE (395.2 LIN FT) 1 YAUPON HOLLY PER FRONTAGE RED OAK TREES PROVIDED REQUIRED: 11 VALIPON HOLLY TREES

PROVIDED: 11 YAUPON HOLLY TREES D. FOUNDATION PLANTINGS PROVIDED: ARTIFICIAL TURF + SOME ORNAMENTAL GRASSES

PARKING REQUIREMENTS E. PARKING 100% SCREENED ADJACENT TO PUBLIC STREETS

REQUIRED: SCREENING ADJACENT TO KELLER PARKWAY

F. ONE LARGE TREE IN EACH PARKING ISLAND REQUIRED: 20 CANOPY TREES

PROVIDED: 20 CANOPY TREES G. CONTINUOUS ISLANDS PERPENDICULAR TO PARKING SPACES

ONE TREE PER 40 LIN FT REQUIRED: 8 CANOPY TREES (NORTH BOUNDARY)

PROVIDED: 6 PROPOSED TREES + 3 EXISTING TREES H. 25 SF LANDSCAPE PER PARKING SPACE (151 SPACES)

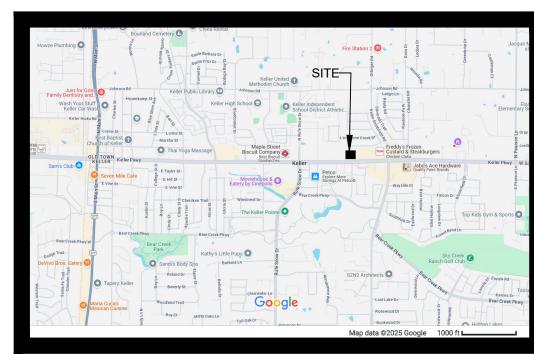
REQUIRED: 3,775 SF LANDSCAPE PROVIDED: 5,741 SF LANDSCAPE

I. ONE TREE FOR EVERY 12 PARKING SPACES REQUIRED: 10 PARKING TREES

# PROVIDED: 20 PARKING TREES **Irrigation Requirements**

UNDERGROUND AUTOMATIC SPRINKLING SYSTEM PROVIDED. SYSTEM DESIGNED AND INSTALLED ACCORDING TO TCEQ LAWS AND REGULATIONS PROVIDING FOR 100% COVERAGE ON ALL LANDSCAPE AND TURF. THE SYSTEM SHALL INCLUDE A FREEZE-RAIN SENSOR.

### **Site Location**



### **Owner & Professionals Information**

**DEVELOPER**TRINITY PARTNERS COMMERCIAL REAL ESTATE P.O. BOX 96011, SOUTHLAKE, TEXAS 76092 ATTN: KEVIN McINTOSH, 214-986-6351 EMAIL: KEVIN@TRINITYPARTNERSTEXAS.COM LANDSCAPE ARCHITECT

THOMAS SITE DEVELOPMENT ENGINEERING INC. FELDMAN DESIGN STUDIOS P.O. BOX 832346, RICHARDSON, TEXAS 75083 P.O. BOX 1261 COLLEYVILLE, TX. 76034 ATTN: CAROL FELDMAN, 972-523-4944 ATTN: MATHEW THOMAS, PE, 214-680-2728 CAROL@FELDMANDESIGN.COM

LANDSCAPE PLANTING PLAN

These drawings have been prepared by or

ınder the supervision

Registered Landscape

of Carol Feldman,

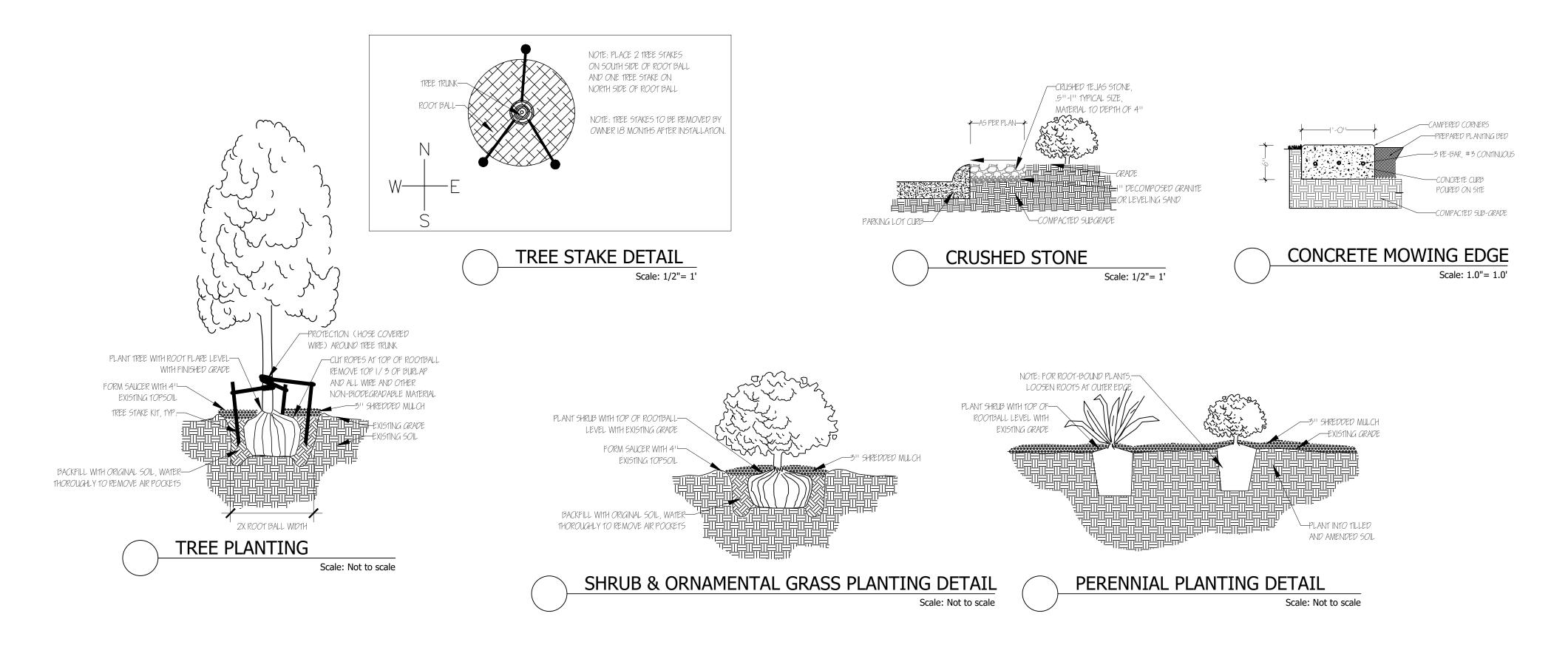
Architect #2080,

J #20245

Licensed Irrigator

SHEET NO.

L1.01



SECTION 02910 - SOIL PREPARATION

PART 1 — GENERAL DESCRIPTION

1. PROVIDE COMPLETE GRADING AND SOIL PREPARATION, INCLUDING AMENDMENTS, AS SPECIFIED HEREIN.

EXAMINE SITE TO VERIFY REQUIRED ROUGH GRADING HAS BEEN COMPLETED CORRECTLY PRIOR TO BED PREPARATION WORK.

HAVE BEEN REMOVED PRIOR TO BED REPARATION WORK. APPROVALS 1. ALL 'APPROVED EQUAL' MATERIALS MUST BE APPROVED BY LANDSCAPE

PART 2 - PRODUCTS

ARCHITECT.

A. MATERIALS COMPOST

1.1. COTTON BUR COMPOST

1.2. SHALL BE SUPPLIED BY: GREENSENSE COMPOST, GARLAND, TX. OR, CLEAR FORK MATERIALS, ALEDO, TX, OR APPROVED EQUAL.

2. FERTILIZERS AND SUPPLEMENTS: 2.1. A 6-2-4 GRANULAR FERTILIZER WITH A WATER SOLUBLE SLOW RELEASE ORGANIC BASE SUCH AS GREENSENSE, OR SUSTANE. OR APPROVED EQUAL. 3. MULCH

3.1. SHALL BE SHREDDED HARDWOOD MULCH, SHREDDED CEDAR MULCH, SHREDDED NATIVE MULCH, OR APPROVED EQUAL.

PART 3 - EXECUTION

A. BED PREPARATION AND PREPARATION FOR SOD INSTALLATION 1. GENERAL

1.1. INSPECT ALL EXISTING CONDITIONS AND OTHER ITEMS OF WORK PREVIOUSLY COMPLETED. DO NOT PROCEED UNTIL DEFECTS ARE CORRECTED.

1.2. INSPECT THAT ALL INVASIVE PLANTS AND THEIR ROOTS HAVE BEEN REMOVED COMPLETELY.

1.3. ALL AREAS TO BE PREPARED WITH ORGANIC TECHNIQUES ONLY. 2. SHRUB BEDS: 2.1. BREAK UP AND TILL EXISTING SOIL TO A DEPTH OF 6 INCHES, 2.2. ADD A 3 INCH LAYER OF COMPOST TO THE BEDS,

2.3. TILL EXISTING SOIL AND COMPOST TOGETHER TO A TOTAL OVERALL DEPTH OF 8 INCHES. 2.4. RAKE OUT ROCKS AND CLODS AND FINE GRADE THE BEDS TO DRAIN IN

APPROPRIATE DIRECTIONS. 2.5. TOP-DRESS BED WITH A 3 INCH LAYER OF MULCH AFTER PLANTING. 3. SOD AND SEED AREAS 3.1. LIGHTLY CULTIVATE COMPACTED SOIL AND RAKE THE SOIL SMOOTH.

3.2. ADD ½ INCH COMPOST TO ALL AREAS.

3.3. FINE GRADE TO DRAIN IN APPROPRIATE DIRECTIONS.

END OF SECTION 02910

#### GENERAL LANDSCAPE

1. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND STRUCTURES WHETHER OR NOT SHOWN ON THE PLANS, AND SHALL BE RESPONSIBLE FOR DAMAGE TO SAID UTILITIES OR STRUCTURES CAUSED BY HIS/HER CREW AND SUBCONTRACTORS.

2. NO PLANTING TO TAKE PLACE UNTIL OWNER HAS INSPECTED AND APPROVED THE BED PREPARATION.

GAUGE EDGING UNLESS OTHERWISE NOTED ON THE PLANS.

3. NO PLANTING TO TAKE PLACE UNTIL OWNER HAS INSPECTED AND APPROVED ALL PLANT MATERIAL AND ALL PLANT PLACEMENT. FIELD ADJUSTMENTS OF PLANT LOCATIONS TO BE COORDINATED WITH OWNER.

4. ALL CANOPY AND ORNAMENTAL TREES TO BE STAKED (SEE DETAIL.) 5. ALL LAWN AND LANDSCAPE BED AREAS ARE TO BE SEPARATED BY 14

SECTION 02915 - LANDSCAPE PLANTING PART 1 — GENERAL

A. SPECIAL CONDITIONS

F. WARRANTEE

1. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. 2.EMPLOY ONLY EXPERIENCE PERSONNEL FAMILIAR WITH REQUIRED WORK PROVIDE ADEQUATE SUPERVISION BY A QUALIFIED FOREMAN WITH A MINIMUM OF TEN(10) YEARS EXPERIENCE WITH PROJECTS OF SIMILAR

3.DO NOT MAKE SUBSTITUTIONS OF TREE, SHRUB AND GRASS MATERIALS. IF B. REQUIRED MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF

NON-AVAILABILITY TO OWNER'S REPRESENTATIVE. 4.PROVIDE QUANTITY, SIZE, GENUS, SPECIES AND VARIETY OF TREES AND SHRUBS INDICATED AND SCHEDULED FOR LANDSCAPE WORK WHICH COMPLY WITH APPLICABLE REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK", AND ANY APPLICABLE STATE AND

FEDERAL LAWS CONCERNING DISEASE AND INSECT INFESTATION. B.REFERENCE STANDARDS 1. AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1, 2014 BY

AMERICAN NATIONAL STANDARDS INSTITUTE, INC. 2. SHINNERS & MAHLER'S, ILLUSTRATED FLORA OF NORTH CENTRAL TEXAS, BOTANICAL RESEARCH INSTITUTE OF TEXAS (BRIT), FORT WORTH, TEXAS,

3. HORTUS THIRD, CORNELL UNIVERSITY, 1967. C.PREPARATION

4. COORDINATION WITH BUILDING AND ENGINEERING PROJECT ACTIVITIES. 5.COORDINATE THE WORK OF THIS SECTION WITH THAT OF REGULAR AND EMERGENCY WATER UTILITY ACTIVITIES ON THE SITE. 6. COORDINATION WITH IRRIGATION SYSTEM:

6.1. THE UNDERGROUND IRRIGATION SYSTEM MUST BE INSTALLED PRIOR TO COMMENCEMENT OF THE PLANTING OPERATIONS. 6.2. THE IRRIGATION SYSTEM SHALL BE OPERATIONAL AT THE TIME THAT PLANTING OPERATIONS COMMENCE

6.3. COORDINATE WORK WITH THE IRRIGATION CONTRACTOR TO PREVENT DAMAGE TO THE IRRIGATION SYSTEM. D.ALL PLANT MATERIALS FOR THIS PROJECT SHALL BE NURSERY-GROWN,

INCLUDING TREES. 1. CONTAINER GROWN PLANTS SHALL HAVE BEEN "STEPPED-UP" AS NECESSARY TO PREVENT ROOT GIRDLING.

2.CONTAINER GROWN PLANTS SHALL HAVE BEEN IN THE CONTAINER FOR A MINIMUM OF SIX (6) MONTHS PRIOR TO DELIVERY TO THE SITE TO ENSURE ADEQUATE ROOT DEVELOPMENT. 3.THE 'ROOT FLARE' OF ALL TREES AND SHRUBS SHALL NOT BE COVERED

E.THE FOLLOWING TREE CARE PROCEDURES SHALL BE ADHERED TO: 1. DO NOT MAKE FLUSH CUTS OR LEAVE STUBS WHEN PRUNING. LEAVE THE BRANCH COLLAR INTACT.

2.DO NOT USE ANY TYPE OF PRUNING PAINT ON WOUNDS. 3.DO NOT USE ANY TYPE OF TREE WRAP, EXCEPT, TRUNKS MAY BE WRAPPED WITH BURLAP DURING PLANTING OPERATIONS ONLY. 4.STAKE AND GUY ANY TREES AS PER DETAIL. THE CONTRACTOR WILL BE

HAVE BEEN IN THE GROUND 6 MONTHS, AND BEFORE THE ONE YEAR ANNIVERSARY OF PLANTING. 5.DO NOT HANDLE ANY TREE BY ITS TRUNK. ANY TREE HANDLED IN SUCH A MANNER SHOULD BE REJECTED.

RESPONSIBLE FOR THE REMOVAL OF STAKES AND GUYS AFTER TREES

1. UNCONDITIONALLY WARRANT ALL PLANTS FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF INSTALLATION INITIAL ACCEPTANCE. REPLACE MATERIALS NOT IN VIGOROUS, THRIVING CONDITION AS SOON AS WEATHER PERMITS AFTER NOTIFICATION BY OWNERS THAT THE PLANTS HAVE DIED OR ARE OTHER WISE NOT ACCEPTABLE. GUARANTEE REPLACEMENT PLANTS FOR ONE YEAR, STARTING FROM THE DATE REPLACEMENT IS

2.WARRANTY EXCLUDES REPLACEMENT OF PLANTS BECAUSE OF INJURY BY STORM, NATURAL DROUGHT, DROWNING, HAIL FOR FREEZING, IF REASONABLE CARE WAS TAKEN TO ADEQUATELY PROTECT THE MATERIAL, AND IN THE OPINION OF THE OWNER'S REPRESENTATIVE THAT THE PROBLEM OCCURRED AFTER THE DATE OF INITIAL ACCEPTANCE.

PART 3 - EXECUTION

PREPARATION FOR PLANT MATERIAL INSTALLATION 1. EXAMINE THE SUB-GRADE UPON WHICH THE WORK IS TO BE PERFORMED, VERIFY GRADE ELEVATIONS AND VERIFY THAT BEDS HAVE BEEN LEFT LOW BY OTHER TRADES. OBSERVE THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND CONFIRM THAT UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED PRIOR TO TIME OF PLANTING

1. CARE IS TO BE TAKEN SO THAT NO PLANTS SIT IN POTS IN THE SUMMER HEAT FOR MORE THAN 1 HOUR. IF PLANTING DURING HOT SEASONS (NOT PREFERRED) PLANTING IS TO BE DONE IN SMALL SECTIONS WITH STOCKPILED PLANTS TO BE PROTECTED FROM THE SUMMER HEAT (SHADE AREAS).

TREE PLANTING 1. STAKE LOCATIONS FOR TREES PRIOR TO DIGGING HOLES. 2. DIG PITS WITH ROUGH SIDES AND WHICH HAVE TAPERED WALLS, A MINIMUM OF TWICE THE WIDTH OF THE TREE BALL. A PEDESTAL SHOULD BE LEFT IN THE CENTER OF THE HOLE AND THE TREE BALL SET UPON

THAT PEDESTAL. 3. SET PLANTS IN THE CENTER OF THE HOLE AND ON THE PEDESTAL, PLUM AND VERTICAL, AND AT SUCH A DEPTH THAT THE CROWN OF THE TREE BALL WILL BE LEVEL WITH THE SURROUNDING GRADE. 4. ALL PLANTS SHALL BE SET TO MEET THE SAME RELATIONSHIP TO THE FINISHED GRADE OF THE SURROUNDING SOIL THAT THEY BORE TO

PREVIOUS EXISTING GRADE OF SOIL. 5. BACKFILL WITH EXISTING TOPSOIL AND WATER IMMEDIATELY. 6. FORM A SHALLOW BASIN SLIGHTLY LARGER THAN THE PIT TO FACILITATE WATERING. REMOVE PRIOR TO MULCHING

7. COVER ALL TREE BALLS WITH A MINIMUM OF 3" OF SPECIFIED MULCH. EXTEND MULCH OUT TO THE EDGE OF THE TREE PIT, BUT KEEP AWAY FROM TRUNKS.

8. ALL EXCAVATED MATERIAL UNACCEPTABLE FOR REUSE SHALL BE DISPOSED OF OFF SITE, OR AS DIRECTED BY THE OWNER. SHRUBS, TALL GRASSES AND PERENNIAL PLANTING. 1. REMOVE CONTAINER AND SET PLANT MATERIAL AT SUCH A LEVEL THAT

AFTER SETTLEMENT, THE CROWN OF THE BALL WILL BE AT FINISHED 2. GENTLY CUT OUTER ROOTS OF ANY ROOTBALLS THAT HAVE

"POT-BOUND" PRIOR TO INSTALLATION. 3. COVER PLANTING BEDS WITH A MINIMUM 3" LAYER OF SPECIFIED MULCH. SOD PLANTING

. LAY SOD IN AN ORDERLY MANNER TO COVER ALL BARE SOIL AREAS. 2. WATER ALL AREAS OF THE SOD UNTIL THOROUGHLY WET. 3. ROLL SOD WITH A SOD ROLLER AFTER 24 HOURS AFTER LAYING AND WATERING SOD TO OBTAIN A UNIFORM, SMOOTH FINISH. 4. FILL JOINTS WITH COMPOST IF NECESSARY TO FORM A UNIFORM GRASS

5. KEEP SOD ADEQUATELY WATERED UNTIL SOD MAKES A FIRM CONNECTION TO THE SOIL.

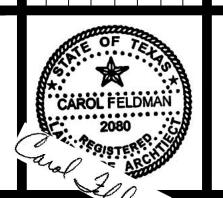
SEED PLANTING 1. AREAS SHALL BE RAKED TO A DEPTH OF  $lac{1}{2}$ ", SMOOTH AND FREE OF

STONES AND DEBRIS. 2. APPLY SEED EVENLY AT THE RATE RECOMMENDED. 3. RAKE AND WATER TO ESTABLISH A FIRM CONNECTION OF THE SEED TO

4. KEEP SEED AREA MOIST (NOT WET) UNTIL SEED GERMINATES AND GRASS IS APPROX. 1/2" IN HEIGHT.

5. KEEP AREA ADEQUATELY WATERED UNTIL A STAND OF THE GRASS IS 6. RE-SEED TO ESTABLISH A THICK STAND OF GRASS IF NECESSARY.

END OF SECTION 02915



hese drawings have peen prepared by or under the supervision of Carol Feldman, Registered Landscape Architect #2080, Licensed Irrigator J #20245

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