

CLOVER LANE

PHILLIPS DRIVE
(PRIVATE)

PATE ORR ROAD

RUFE SNOW DRIVE

Landscape Requirements

LANDSCAPE BUFFER		Required	Provided
△△	North side of property (10' wide x 186 L.F.) (186 L.F. / 50 L.F. = 2 - 4" cal. trees)	2 trees or 12"	42" existing
△△△	Rear of property (30' wide x 173 L.F.) (173 L.F. / 50 L.F. = 4 - 4" cal trees)	4 trees or 16"	12" existing
△△△	South side of property (10' wide x 190 L.F.) (190 L.F. / 50 L.F. = 2 - 4" cal trees)	4 trees or 12"	54" existing
PARKING LOT TREES		Required	Provided
△△	Parking Island (1 - 4" cal per 9' island)	3 ea	3 ea
	Parking Island (size of 2 parking spaces)	2 ea	2 ea
PARKING LOT SCREENING SHRUBS		Required	Provided
	Parking screening - 36" HT	13 ea	13 ea
FOUNDATION PLANTING			
Min. 5' width at building front and sides - Provided required foundation planting with a combination of groundcover, shrubs and ornamental trees			

Landscape Legend

LARGE TREES

Live Oak
Quercus virginiana

Cedar Elm
Ulmus crassifolia

Red Oak
Quercus shumardii

UNDERSTORY TREES

Chaste Tree
Vitex agnus-castus

Desert Willow
Chilopsis linearis

SHRUBS

Dwarf Yaupon Holly
Ilex vomitoria 'Nana'

Dwarf Spirea 'Little Bonnie'
Spiraea bumalda 'Little Bonnie'

GRASSES & GROUNDCOVERS

Dwarf Fountain Grass 'Hameln'
Pennisetum alopecuroides 'Hameln'

Big Blue Liriope
Liriope muscari 'Big Blue'

TURF

Bermudagrass
Cynodon dactylon

CLOVERFIELD ESTATES
VOL. 398-166, PG. 20
P.R.T.C.T.
ZONED: SF8.4

LOT 1, KUSD BEAR CREEK ADDITION
CAB. A, SLIDE 3113
P.R.T.C.T.
ZONED: SF8.4

KS2 (FIRE DEPT.)
SWITCH PAD

THE CITY OF KELLER
D212055886
O.P.R.T.C.T.
ZONED: TC

LOT 1R, BLOCK 1
PUBLIC SAFETY ADDITION
D213025615
O.P.R.T.C.T.
ZONED: TC

EXISTING OFFICE SITE

BUILDING "B"
5570 S.F. +/-
PROPOSED BLDG

MARTIN DOLSKY
D210287858
O.P.R.T.C.T.
ZONED: TC

Landscape Plan
PLAN

0 20' 40' 80'
1" = 20'-0"



SAGE GROUP, INC.
1130 N. Carroll Ave., Ste. 200
Southlake, Texas 76092
TEL 817-424-2626

Master Planning
Urban Design
Architecture
Landscape Architecture



Applicant / Developer

TX Office Suites
420 Johnson Road
Keller, Texas 76248
817-223-9907
Attn: Bill Dodge

PECAN PARK
TOWN OF KELLER, TEXAS

Issued
JUNE 15, 2018

Revisions

- △ Building relocation
- △ Building relocation 11/26/18
- △ City Comments 11/30/18
- △ City Comments 12/5/18
- △ City Comments 12/7/18
- △ City Comments 12/10/18
- △ City Comments 1/8/19

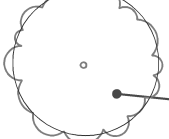
LANDSCAPE
PLAN

SHEET
LS.02

Tree List

No.	CAL.	SPECIES	PROTECTED Y/N	SAVE / REMOVE
1	16	CEDAR	Y	SAVE
2	24	OAK	Y	SAVE
3	6	HACKBERRY	N	SAVE
4	12	HACKBERRY	N	SAVE
5	6	PECAN	Y	REMOVE
6	24	OAK	Y	REMOVE
7	12	PECAN	Y	REMOVE
8	12	CEDAR	Y	REMOVE
9	12	PECAN	Y	REMOVE
10	9	OAK	Y	REMOVE
11	18	HACKBERRY	N	SAVE
12	15	OAK	Y	REMOVE
13	10	OAK	Y	SAVE
14	12	OAK	Y	SAVE
15	14	HACKBERRY	N	SAVE
△ 16	14	HACKBERRY	N	REMOVE
△ 17	14	HACKBERRY	N	REMOVE

Tree Legend

SYMBOL	DESCRIPTION
	EXISTING TREE TO BE PRESERVED SIZE VARIES APPROXIMATE LOCATION OF CRITICAL ROOT ZONE
	EXISTING TREE TO BE REMOVED
	TREE PROTECTION FENCING

Tree Preservation Notes

- ALL TREES SHOWN ON THIS PLAN TO BE PRESERVED SHALL BE PROTECTED DURING CONSTRUCTION WITH TEMPORARY FENCING. TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING, OR GRADING). REFERENCE SHEET LS.01 FOR TREE PROTECTION DETAILS.
- REFERENCE RELATED CIVIL ENGINEERING PLANS FOR EXACT LOCATION OF UNDERGROUND UTILITY LINES.
- REFERENCE RELATED IRRIGATION PLANS FOR LOCATION OF UNDERGROUND IRRIGATION HEAD AND LINE LOCATIONS.

Tree Preservation Summary

△ 5	TOTAL INCHES ON SITE	230 INCHES
△ 6	TOTAL PROTECTED INCHES ON SITE	152 INCHES
△ 6	TOTAL PROTECTED INCHES SAVED	62 INCHES
	TOTAL PROTECTED INCHES REMOVED	90 INCHES
	TOTAL UNPROTECTED INCHES ON SITE	50 INCHES
	TOTAL UNPROTECTED INCHES SAVED	50 INCHES
	TOTAL UNPROTECTED INCHES REMOVED	0 INCHES
	TOTAL MITIGATION INCHES REQUIRED	33 INCHES

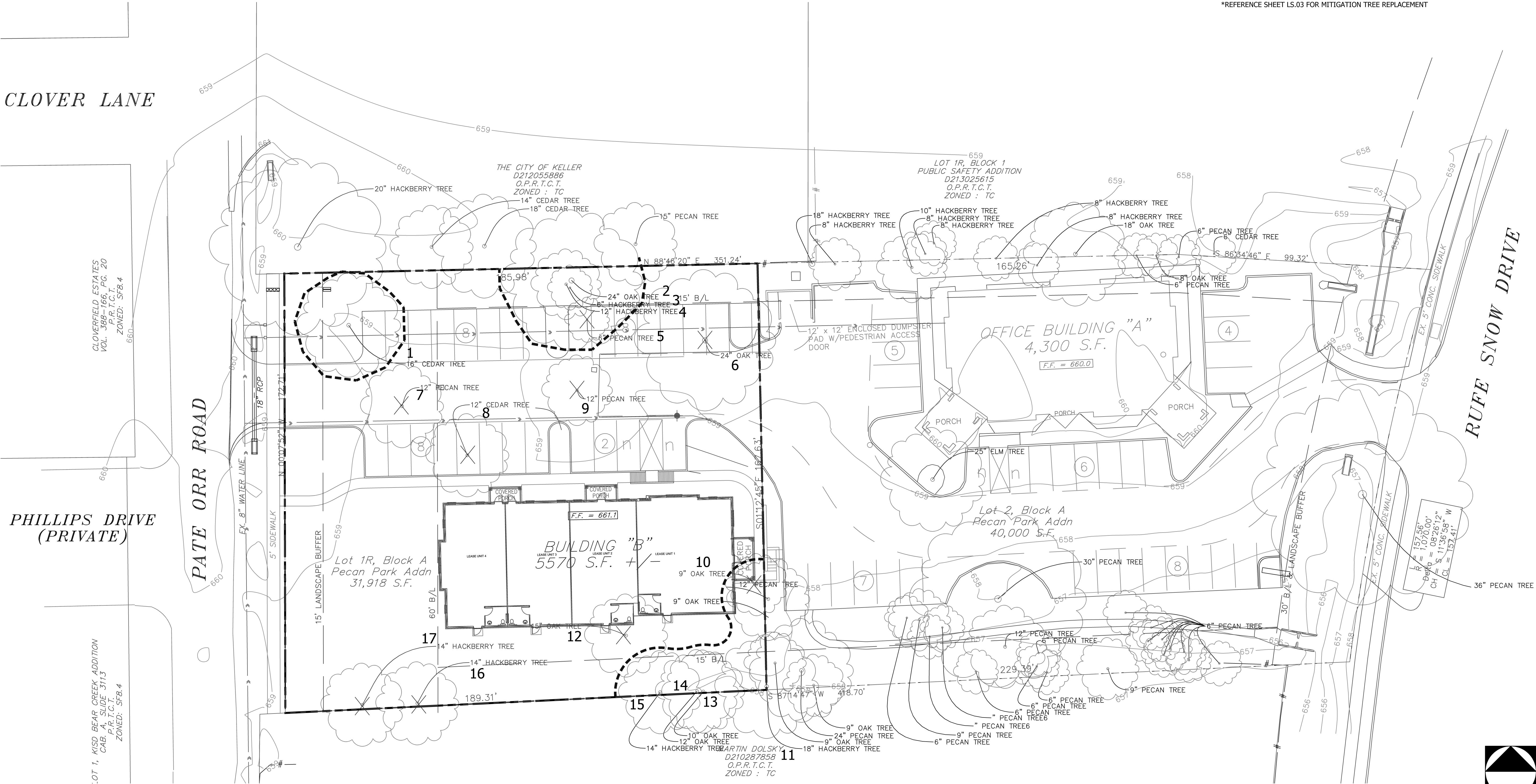
*REFERENCE SHEET LS.03 FOR MITIGATION TREE REPLACEMENT

CLOVER LANE

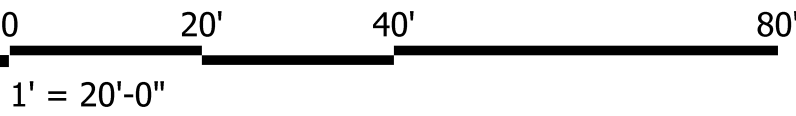
PHILLIPS DRIVE
(PRIVATE)

PATE ORR ROAD

RUFE SNOW DRIVE



Tree Protection Plan
PLAN





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9/17/18

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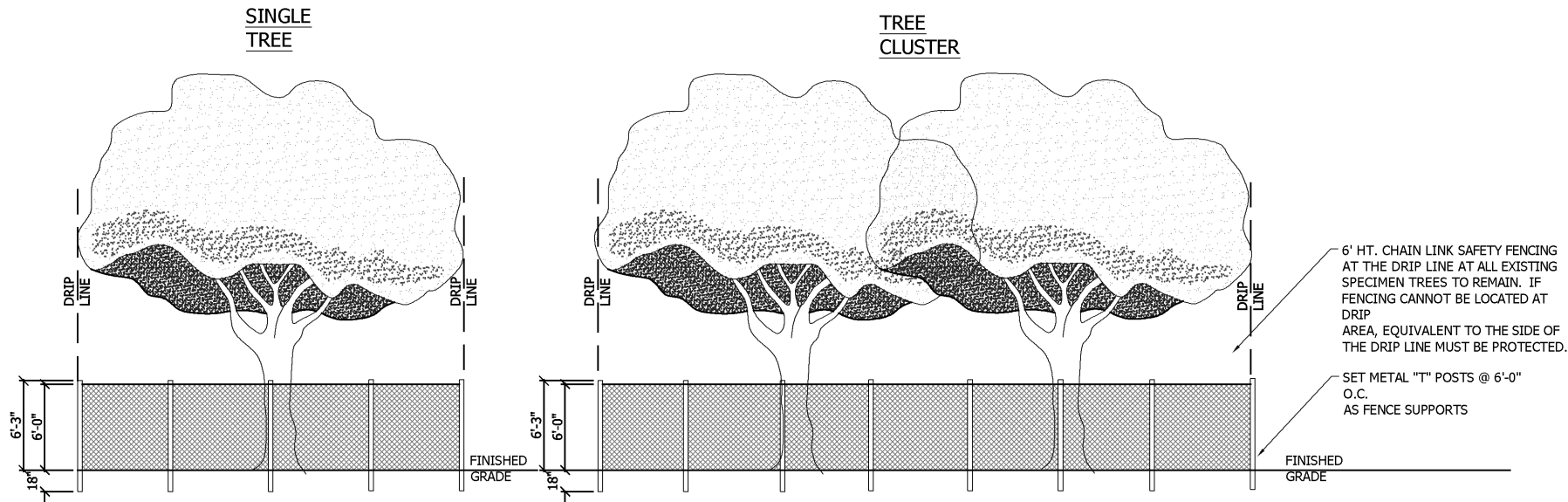
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TREE
PROTECTION
PLAN

SHEET
LS.00

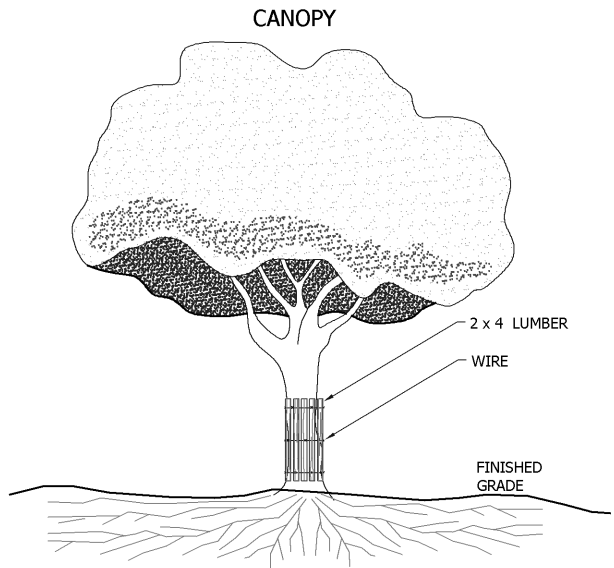


PROTECTIVE FENCING:

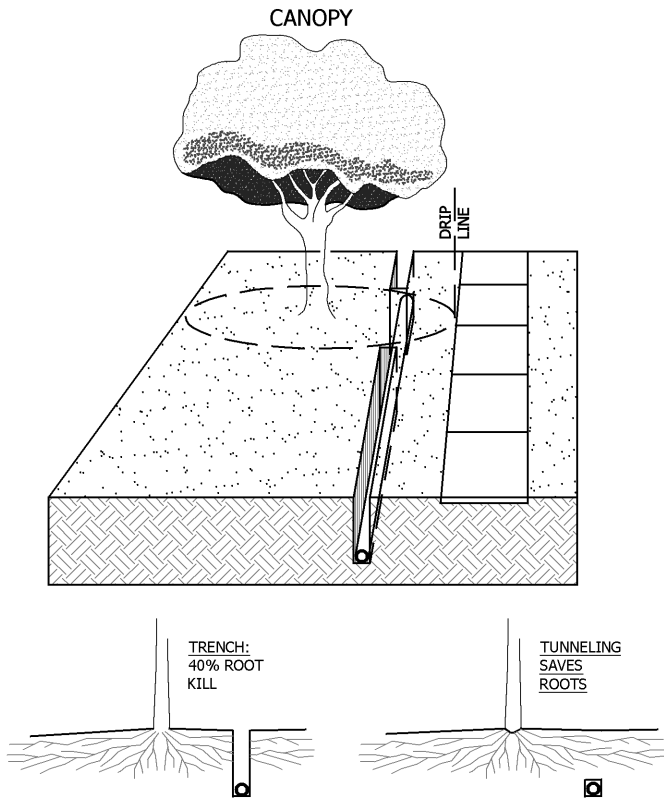
ORANGE VINYL CONSTRUCTION FENCING, CHAIN LINK FENCING, SNOW FENCING OR SIMILAR FENCING, AT LEAST 4'-0" (4') HIGH AND SUPPORTED AT A MAXIMUM OF TEN-FOOT (10') INTERVALS BY APPROVED METHODS SUFFICIENT ENOUGH TO KEEP THE FENCE UPRIGHT AND IN PLACE.

PRIOR TO CONSTRUCTION:

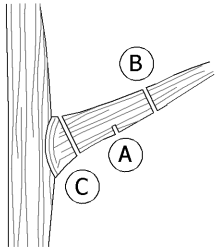
THE CONTRACTOR OR SUBCONTRACTOR SHALL CONSTRUCT AND MAINTAIN, FOR EACH PROTECTED TREE OR GROUP OF TREES ON A CONSTRUCTION SITE, A PROTECTIVE FENCING WHICH ENCIRCLES THE OUTER LIMITS OF THE CRITICAL ROOT ZONE OF THE TREES TO PROTECT THEM FROM CONSTRUCTION ACTIVITY. ALL PROTECTIVE FENCING SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF ANY SITE WORK AND REMAIN IN PLACE UNTIL ALL EXTERIOR WORK HAS BEEN COMPLETED.



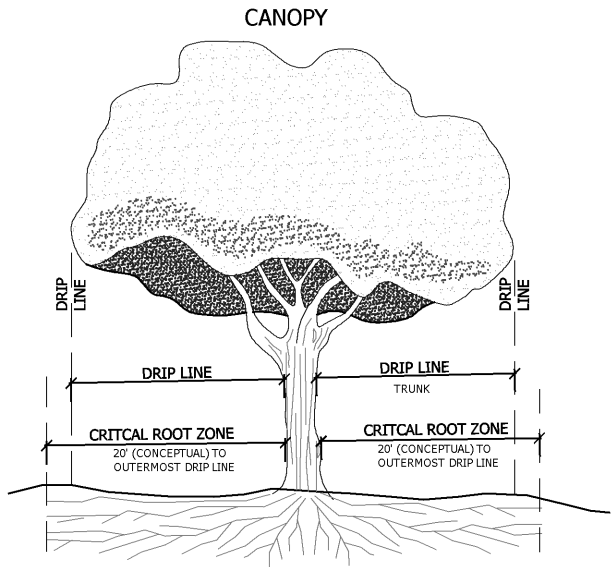
IN SITUATIONS WHERE A PROTECTED TREE REMAINS IN THE IMMEDIATE AREA OF INTENDED CONSTRUCTION AND THE TREE MAY BE IN DANGER OF BEING DAMAGED BY CONSTRUCTION EQUIPMENT OR OTHER ACTIVITY, THE CONTRACTOR OR SUB CONTRACTOR SHALL PROTECT THE TREE WITH 2" X 4" LUMBER ENCIRCLED WITH WIRE OR OTHER MEANS THAT DO NOT DAMAGE THE TREE. THE INTENT OS TO PROTECT THE TRUNK OF THE TREE AGAINST INCIDENTAL CONTACT BY LARGE CONSTRUCTION EQUIPMENT.



BORING:
BORING OF UTILITIES UNDER PROTECTED TREES SHALL BE REQUIRED IN THOSE AREAS WHERE IT IS NOT POSSIBLE TO TRENCH AROUND THE CRITICAL ROOT ZONE OR PROTECTED TREES. WHEN REQUIRED, THE LENGTH OF THE BORE SHALL BE THE WIDTH OF THE CRITICAL ROOT ZONE AT A MINIMUM AND SHALL BE A MINIMUM OF 48 INCHES.



- A MAKE PARTIAL CUT FROM BENEATH, AT A POINT SEVERAL INCHES AWAY FROM THE TRUNK.
- B MAKE A SECOND CUT FROM ABOVE SEVERAL INCHES OUT FROM THE FIRST CUT, TO ALLOW THE LIMB TO FALL SAFELY.
- C COMPLETE THE JOB WITH A FINAL CUT JUST OUTSIDE THE BRANCH COLLAR, THE RAISED AREA THE SURROUNDS THE BRANCH WHERE IT JOINS THE TRUNK.



CRITICAL ROOT ZONE:

THE AREA OF UNDISTURBED NATURAL SOIL AROUND A TREE DEFINED BY A CONCENTRIC CIRCLE WITH A RADIUS OF FEET EQUAL TO THE NUMBER OF INCHES OF TRUNK DIAMETER.

DRIP LINE:

A VERTICAL LINE RUN THROUGH THE OUTERMOST PORTION OF THE CANOPY OF A TREE AND EXTENDING TO THE GROUND.

Landscape Installation Notes

INSPECTION

- 1. THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED LANDSCAPE PLANS/DRAWINGS PRIOR TO FINAL ACCEPTANCE BY THE CITY AND ISSUANCE OF A CERTIFICATE OF OCCUPANCY. CONTACT APPROPRIATE CITY SERVICE DEPARTMENTS FOR LANDSCAPE INSPECTIONS AS REQUIRED.
- 2. WATER METERS, CLEANOUTS AND OTHER APPURTENANCES, SHALL BE ACCESSIBLE, ADJUSTED TO GRADE, CLEARLY MARKED WITH FLAGGING AND COMPLIANT WITH APPROPRIATE CITY DESIGN STANDARDS PRIOR TO CALLING FOR FINAL LANDSCAPE AND R.O.W. INSPECTIONS.

EXCAVATION

- 1. NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT CONTACTING THE APPROPRIATE CITY SERVICE DEPARTMENT.
- 2. THE CONTRACTOR SHALL MARK ALL UNDERGROUND UTILITIES (I.E.; WATER LINES, SEWER LINES, GAS LINES, ETC.) AND TREE LOCATIONS PRIOR TO EXCAVATION. REFERENCE CIVIL PLANS FOR PROPOSED UNDERGROUND UTILITY LOCATIONS.

SOIL

- 1. NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION AND/OR STOCKPILED AS NEEDED.
- 2. NATIVE SITE TOPSOIL SHALL BE LABORATORY TESTED BY AN ACCREDITED LABORATORY & AMENDED PER SAID LABORATORY'S RECOMMENDATIONS.
- 3. IMPORTED TOPSOIL, (TYPICALLY KNOWN AS BOTTOM LAND SOIL) SHALL BE NATURAL, FRIABLE SOIL NATIVE TO THE REGION FREE FROM LUMPS, CLAY, TOXIC SUBSTANCES, ROOTS, DEBRIS, VEGETATION, STONES, ETC. IT SHALL CONTAIN NO SALT, AND BE OF A BLACK TO BROWN COLOR.

IRRIGATION

- 1. ANY CHANGES TO THE APPROVED IRRIGATION PLANS/DRAWINGS SHALL REQUIRE AUTHORIZATION BY THE CITY.
- 2. CONTACT THE APPROPRIATE CITY SERVICE DEPARTMENT FOR AN IRRIGATION PERMIT PRIOR TO INSTALLING THE IRRIGATION SYSTEM.
- 3. IRRIGATION VALVES, BACKFLOW PREVENTION ASSEMBLIES, QUICK COUPLERS ETC. SHALL NOT BE LOCATED CLOSER THAN TEN (10') FEET FROM THE BACK OF CURB AT STREET OR DRIVE INTERSECTIONS.
- 4. IRRIGATION VALVES SHALL BE LOCATED A MINIMUM OF FIVE (5') FEET AWAY FROM STORM SEWERS, SANITARY SEWER LINES, CITY FIRE HYDRANTS, AND WATER VALVES.
- 5. IRRIGATION MAINLINES, VALVES, AND/OR ELECTRICAL WIRES SHALL NOT BE LOCATED IN THE CITY'S R.O.W.
- 6. A MINIMUM FIVE (5') FEET OF SEPARATION IS REQUIRED BETWEEN IRRIGATION MAIN LINES AND LATERALS THAT RUN PARALLEL TO PUBLIC WATER AND/OR SANITARY SEWER LINES.
- 7. IRRIGATION HEADS THAT RUN PARALLEL AND/OR NEAR PUBLIC WATER AND/OR SANITARY SEWER LINES; SHALL BE FED FROM STUBBED LATERALS OR BULL-HEADS.
- 8. THE BORE DEPTH FOR IRRIGATION SLEEVING UNDER STREETS, DRIVE AISLES, FIRE LANES SHALL PROVIDE (2') OF CLEARANCE (MINIMUM).
- 9. IRRIGATION OVERSPRAY ON STREETS AND WALKS IS PROHIBITED.
- 10. ELECTRONIC TIMED IRRIGATION CONTROLLERS SHALL BE PROGRAMMED AND ADJUSTED TO NOT EXCEED THE LANDSCAPE WATER ALLOWANCE (LWA) PRIOR TO APPROVAL OF LANDSCAPE INSTALLATION.

PLANTING STANDARDS

- 1. ALL PLANTINGS (TREES, SHRUBS, TURF, ETC.) SHALL COMPLY WITH THE CITY'S LANDSCAPE REGULATIONS AND REQUIREMENTS. (DESIGN STANDARDS, VISIBILITY REQUIREMENTS, ETC.)
- 2. THE AMERICAN STANDARD FOR NURSERY STOCK SPECIFICATIONS (ANSI Z60.1-2004 OR LATEST VERSION) SHALL GOVERN ALL PLANT (TREES, SHRUBS, TURF, ETC.) SELECTION QUALIFICATIONS, GRADES, AND STANDARDS.
- 3. TYPICAL PLANTING SHALL COMPLY WITH PLANTING DETAILS AS SHOWN WITHIN THE LANDSCAPE PLANS. (ANSI A300) THE CITY HAS FINAL APPROVAL FOR ALL PLANTING SPECIFICATIONS.
- 4. UNLESS SPECIFIED/SHOWN OTHERWISE, TREES SHALL BE PLANTED A MINIMUM OF FIVE (5') FEET FROM CURBS, SIDEWALKS, UTILITY LINES, SCREENING WALLS AND OTHER STRUCTURES. THE CITY HAS FINAL APPROVAL ON ALL TREE PLACEMENTS.
- 5. TREES, WHERE REQUIRED, SHALL BE PLANTED A MINIMUM TEN (10') FEET FROM THE EDGE OF ANY STORM SEWER INLET.
- 6. TREES, WHERE REQUIRED, SHALL BE PLANTED A MINIMUM FIVE (5') FEET FROM WATER METERS.
- 7. A MINIMUM FIVE (5') FOOT RADIUS AROUND FIRE HYDRANTS SHALL REMAIN CLEAR OF ALL VERTICAL PLANTINGS. (I.E.; TREES, SHRUBS)
- 8. TREE PITS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE PIT WITHIN 24-HOURS, THE TREE SHALL BE MOVED OR DRAINAGE SHALL BE PROVIDED.
- 9. TREE STAKING MATERIALS, IF USED, SHALL BE REMOVED AFTER ONE (1) GROWING SEASON, AND SHALL REMAIN NO LONGER THAN ONE (1) YEAR AFTER INSTALLATION (STEEL TREE STAKES, WIRES, AND HOSES ARE PROHIBITED).
- 10. FINISH GRADE IS TO BE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE PRIOR TO TURF INSTALLATION.
- 11. CONTRACTOR SHALL PROVIDE TWO (2") INCHES OF IMPORTED TOPSOIL ON ALL AREAS TO RECEIVE TURF. CONTRACTOR TO COORDINATE OPERATIONS WITH ON-SITE CONSTRUCTION MANAGER.
- 12. ALL AREAS TO RECEIVE TURF SHALL BE LEFT AT A MAXIMUM OF ONE (1") INCH BELOW FINAL FINISH GRADE, AND ARE TO BE AERATED AND FINE GRADED. ALL TRENCHES ARE TO BE COMPLETELY SETTLED AND COVERED APPROPRIATELY.
- 13. FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS INDICATED BY THE GRADING PLAN, IF NEEDED, ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE (2% MINIMUM SLOPE) AWAY FROM BUILT STRUCTURES. PROVIDE UNIFORM CURVATURE AT THE TOP AND BOTTOM OF SLOPES AND OTHER GRADE BREAKS. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.

MAINTENANCE

- 1. THE OWNER/OWNER'S REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, AND VIGOR OF PLANT MATERIAL IN ACCORDANCE WITH THE DESIGN INTENT AND AS APPROPRIATE FOR THE SEASON OF THE YEAR.
- 2. AT ALL TIMES, OPEN AND LANDSCAPED AREAS SHALL BE KEPT FREE OF TRASH, LITTER, AND WEEDS.
- 3. NO PLANT MATERIAL SHALL BE ALLOWED TO ENCROACH ON R.O.W., SIDEWALKS, OR EASEMENTS TO THE EXTENT THAT VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE TRAFFIC IS IMPREDED.
- 4. TREE MAINTENANCE SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE A300 STANDARDS (ANSI A300).

GENERAL LANDSCAPE PLAN NOTES

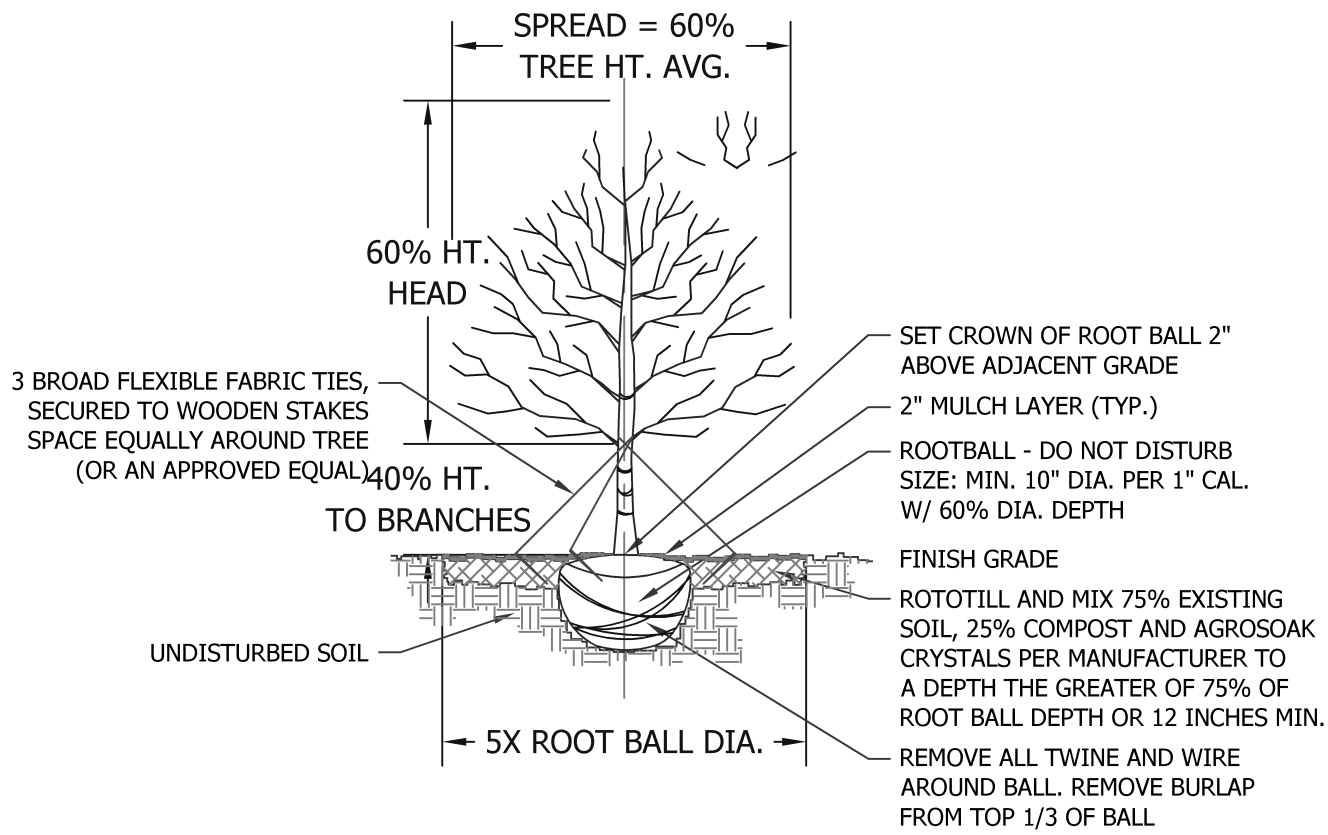
- 1. THIS PLAN MEETS OR EXCEEDS THE APPROVED LANDSCAPE REQUIREMENTS AS DETAILED IN THE LEASEHOLD DEVELOPMENT CRITERIA FOR PASSPORT BUSINESS PARK (EAST SIDE INDUSTRIAL AREA)
- 2. THIS PLAN IS DIAGRAMMATIC, THE CONTRACTOR IS TO VERIFY ALL PLANT QUANTITIES AND LOCATIONS PRIOR TO INSTALLATION.

GENERAL LANDSCAPE INSTALLATION NOTES

- 1. CONTRACTOR INSTALLING LANDSCAPE SHALL VERIFY ALL EXISTING AND PROPOSED SITE CONDITIONS AND NOTIFY THE OWNER/OWNER'S REPRESENTATIVE (REP.) OF ANY DISCREPANCIES. (NOTE: SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.)
- 2. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.
- 3. CONTRACTOR SHALL LOCATE ALL EXISTING/PROPOSED UNDERGROUND UTILITIES AND NOTIFY OWNER/OWNER'S REP., OF ANY CONFLICTS WITH LANDSCAPE INSTALLATION. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND UTILITIES. CALL 811 FOR A FREE ASSESSMENT OF UNDERGROUND UTILITIES. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGED UTILITIES.
- 4. CONTRACTOR IS TO PROVIDE/MAINTAIN CONTOURS/GRADES AT A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
- 5. ALL PLANTING BEDS AND TURF AREAS ARE TO BE SEPARATED BY STEEL EDGING (UNO). NO STEEL TO BE INSTALLED ADJACENT TO SIDEWALKS OR CURB. REFERENCE PLANTING DETAILS FOR STEEL EDGING INSTALLATION.
- 6. CONTRACTOR SHALL ENSURE THAT ALL PROPOSED LANDSCAPE AREAS ARE 100% IRRIGATED WITH AND UNDERGROUND AUTOMATIC IRRIGATION SYSTEM. REFERENCE IRRIGATION PLANS FOR DETAILS FOR IRRIGATION SYSTEM INSTALLATION.
- 7. ALL TURF AREAS TO BE BERMUDA GRASS, UNLESS OTHERWISE NOTED IN THESE PLANS. REFERENCE PLANTING LIST/SCHEDULE FOR TURF SELECTION.

GENERAL LANDSCAPE MAINTENANCE NOTES

- 1. CONTRACTOR SHALL PROVIDE A SEPARATE BID PROPOSAL FOR ONE (1) YEAR OF MAINTENANCE OF INSTALLED LANDSCAPE, TO BEGIN AFTER FINAL ACCEPTANCE FROM CITY.
- 2. THE OWNER, TENANT(S), AND THEIR AGENT, IF ANY, SHALL BE JOINTLY AND INDIVIDUALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPED AREAS.
- 3. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR.
- 4. ALL LANDSCAPED AREAS SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS SHALL INCLUDE MOWING, EDGING, PRUNING, FERTILIZING, WATERING, WEEDING, AND OTHER SUCH ACTIVITIES AS IS COMMON TO LANDSCAPE MAINTENANCE.
- 5. ALL PLANT MATERIAL WHICH DIES SHALL BE REPLACED WITH PLANT MATERIAL OF EQUAL OR BETTER VALUE.
- 6. ALL LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS, AND OTHER SUCH MATERIAL OR NOT A PART OF THIS PLAN.



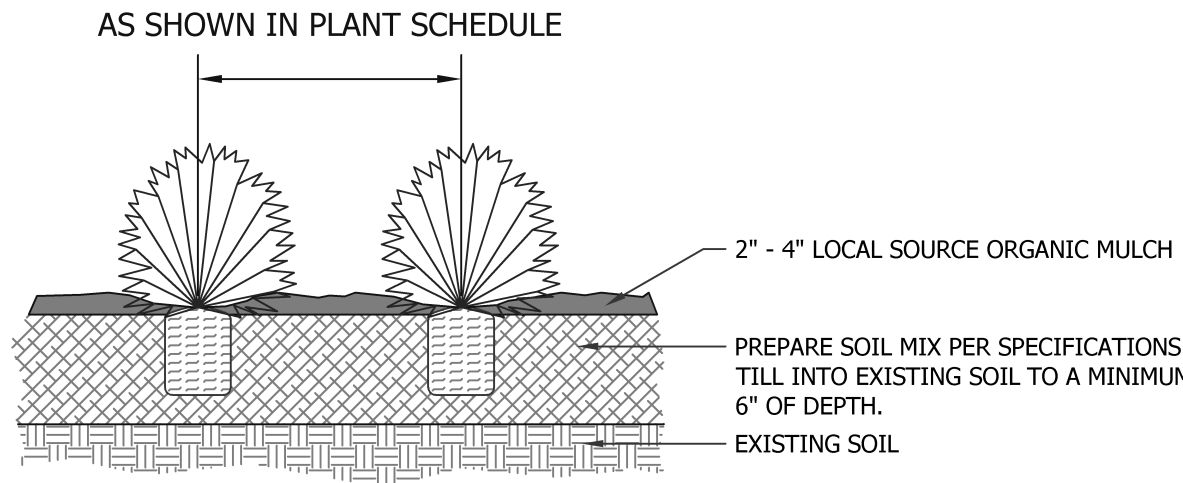
TREE PLANTING NOTES

(2 1/2" CAL. OR LARGER)
USE 3 BROAD FLEXIBLE FABRIC "GUY WIRES", SECURED TO WOODEN STAKES SPACED EQUALLY AROUND TREE (OR AN APPROVED EQUAL)
CHECK PERCOLATION RATE. INSTALL TREE SUMP IF RATE IS UNACCEPTABLE FOR GUARANTEE.
WRAP RED OAK, LIVE OAK & CADDY MAPLE TREE TRUNKS W/ BURLAP, STARTING AT BASE OF TRUNK EXTENDING UP TO BOTTOM BRANCHING.
TYPICAL "TREE PLANTING PIT" BED PREPARATION
MINIMUMS: USE THE GREATER OF CALIPER OR BALL DIAMETER B&B BALLS REQUIRE 10:1 BALL TO CALIPER RATIO MINIMUM CONTAINER BALLS MAY BE SMALLER, SO USE CALIPER SIZE

S	B=5x10	BD=Bx 60%	PD=Bx 5	CD=TDx25%	TD= BDx75%
Tree Size	Min. Root	Min. Root	Tree Pit	Compost	Tree Pit
Caliper Inch	Ball Dia.	Ball Depth	Diameter	Min. Depth	Tilling Depth
* BELOW ARE TYPICAL EXAMPLES TO AID IN CALCULATIONS FOR OTHER SIZES					
S = 3"	B = 30"	BD = 18"	PD = 150"	CD = 3.75"	TD = 13.5"
S = 6"	B = 60"	BD = 36"	PD = 300"	CD = 6.75"	TD = 27"

1 Tree Planting and Staking

ELEVATION/SECTION NOT TO SCALE

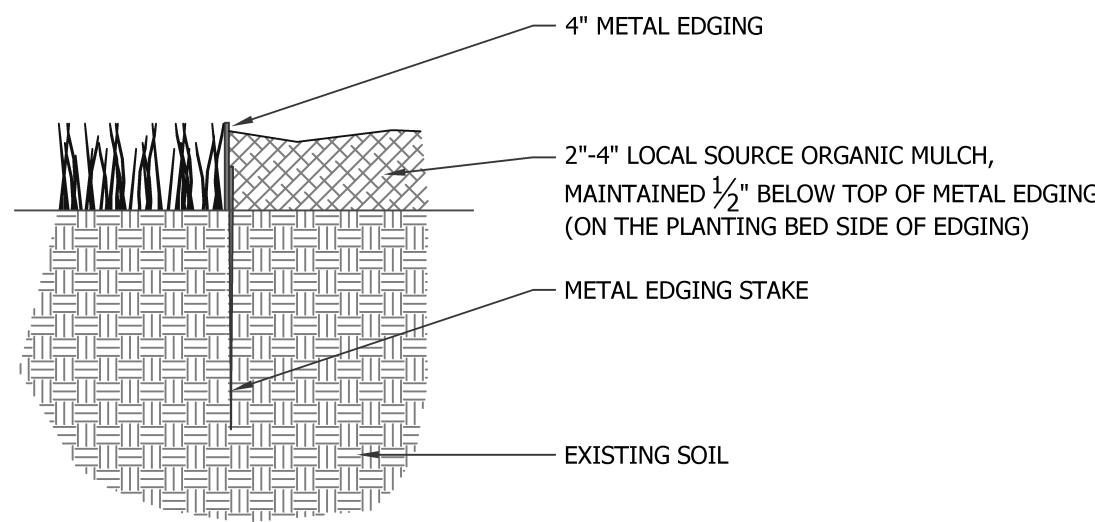


SHRUB PLANTING NOTES

- 1. REMOVE CONTAINER.
- 2. REMOVE ANY SOIL THAT HAS BEEN ADDED TO THE TOP OF ROOT BALLS. EXPOSE THE ACTUAL TOP OF THE ROOT BALL.
- 3. TOP OF ROOT BALL SHOULD BE 1" HIGHER THAN EXISTING GRADE.
- 4. ADD 2"-4" OF NATIVE ORGANIC MULCH OVER ROOT BALL.
- 5. DO NOT PILE MULCH AROUND TRUNKS.

2 Shrub Planting

ELEVATION/SECTION NOT TO SCALE



3 Metal Edging

SECTION NOT TO SCALE

Plant List and Schedule

LARGE TREES

SYMBOL	PLANT NAME	QUANTITY	SIZE	CONDITION / REMARKS
	Live Oak <i>Quercus virginiana</i>	6	3" CAL. / 14'-16' HT. / 10'-12' SPREAD	single trunk clear to 6'; b & b; matching growth
	Red Oak <i>Quercus shumardii</i>	4	3" CAL. / 14'-16' HT. / 10'-12' SPREAD	single trunk clear to 6'; b & b; matching growth
	Red Oak <i>Quercus shumardii</i>	3	4" CAL. / 18' HT. / 14'-16' SPREAD	single trunk clear to 6'; b & b; matching growth; Buffer yard Trees
	Cedar Elm <i>Ulmus crassifolia</i>	8	4" CAL. / 18' HT. / 14'-16' SPREAD	single trunk clear to 6'; b & b; matching growth; Buffer Yard Trees

NOTE: ALL TREES TO HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.

UNDERSTORY TREES

SYMBOL	PLANT NAME	QUANTITY	SIZE	CONDITION / REMARKS
	Chaste Tree <i>Vlex agnus-castus</i>	4	15 Gal. / 6' HT. / 4' SPREAD	container grown; matching growth
	Desert Willow <i>Chilopsis linearis</i>	5	15 Gal. / 6' HT. / 4' SPREAD	container grown; matching growth

NOTE: ALL TREES TO HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.

SHRUBS

SYMBOL	PLANT NAME	QUANTITY	SIZE	CONDITION / REMARKS
	Dwarf Yaupon Holly <i>Ilex vomitoria 'Nana'</i>	35	7 GAL. / 24" HT. / 24" SPREAD	container grown; full growth; 36" o.c.
	Dwarf Spirea 'Little Bonnie' <i>Spirea buxifolia 'Little Bonnie'</i>	34	7 GAL. / 24" HT. / 24" SPREAD	container grown; full growth; 36" o.c.

NOTE: ALL SHRUBS TO BE MATCHING WITHIN VARIETIES.

GRASSES, GROUNDCOVERS & VINES

SYMBOL	PLANT NAME	QUANTITY	SIZE	CONDITION / REMARKS
	Dwarf Fountain Grass 'Hamel' <i>Pennisetum alpecuroides 'Hamel'</i>	52	3 GAL. / 18" HT. / 18" SPREAD	container grown; full growth; 30" o.c.
	Big Blue Linopoe <i>Linopoe muscari 'Big Blue'</i>	1,204	1 GAL. / 10" HT. / 6" SPREAD	full growth; 12" o.c.

TURF

SYMBOL	PLANT NAME	QUANTITY	SIZE	CONDITION / REMARKS
	Bermudagrass <i>Cynodon dactylon</i>	13,450 SF	SOLID SOD/HYDROMULCH	contractor to field verify quantity of sod / hydromulch required



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Master Planning
Urban Design
Architecture
Landscape Architecture



Applicant / Developer

TX Office Suites
420 Johnson Road
Keller, Texas 76248
817-223-9907
Attn: Bill Dodge

PECAN PARK
TOWN OF KELLER, TEXAS

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Revisions
Building relocation
Building relocation 11/26/18
City Comments 11/30/18
City Comments 12/5/18
City Comments 12/10/18
City Comments 1/8/19

LANDSCAPE
DETAILS &
NOTES

SHEET
LS.03