

LOT 2, BLOCK D

FUTURE RETAIL SITE

LOT 2, BLOCK A

LOT 1, BLOCK B

PLANT KEY

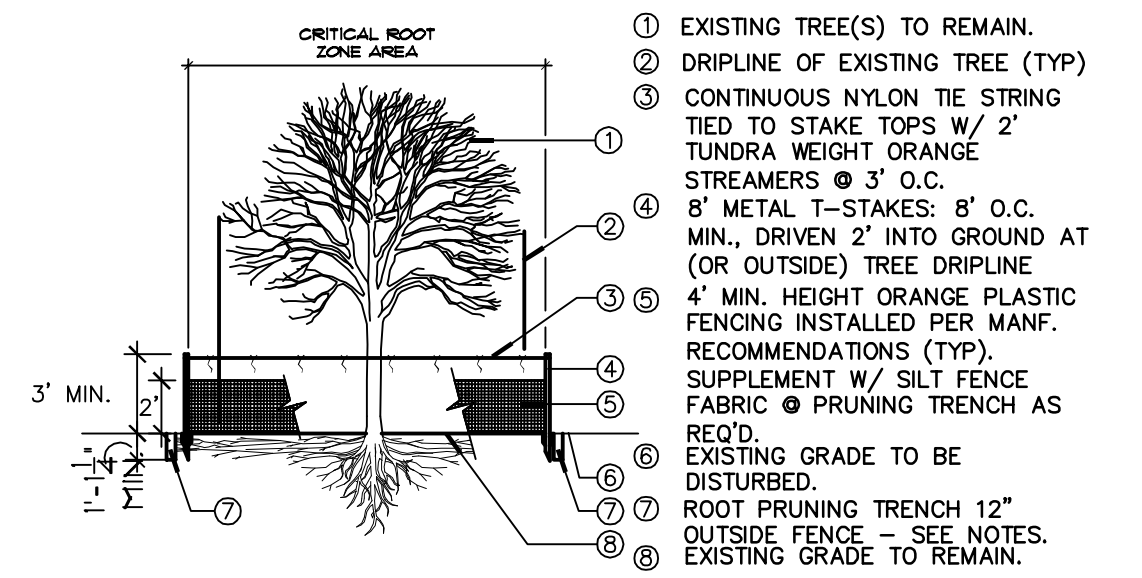
PNT #	SIZE	TYPE	COMMON NAME
50239	14"	TRP	PECAN

TREE MITIGATION

PNT #	SIZE	TYPE	VERIFIED	PRESERVED/MITIGATED
20292	12"	TRH	HACKBERRY	6"
20293	3-10"	TRH	HACKBERRY	-
20294	2-14"	TRH	HACKBERRY	14"
20295	3-4"	TR	SHRUB	-
20298	10"	TRH	HACKBERRY	-
20300	8"	TRH	HACKBERRY	-
20301	7"	TRH	HACKBERRY	-
20302	7"	TRH	HACKBERRY	-
50070	24"	TRB	BOIS D'ARC	-
50108	4"	TR	SHRUB	-
TOTAL	142"			20"

TREE MITIGATION REQUIREMENTS

TOTAL TREES TO BE REMOVED	15
TOTAL TREES TO BE MITIGATED FOR	3
TOTAL TREES TO BE PRESERVED	3
TOTAL CALIPER INCHES TO BE REMOVED	142
TOTAL CALIPER INCHES TO BE PRESERVED	20
TOTAL CALIPER INCHES TO BE MITIGATED FOR	14
TOTAL CALIPER INCHES TO BE COUNTED TOWARD PRESERVATION CREDIT	7
TOTAL CALIPER INCHES TO BE REPLACED FOR MITIGATION	14

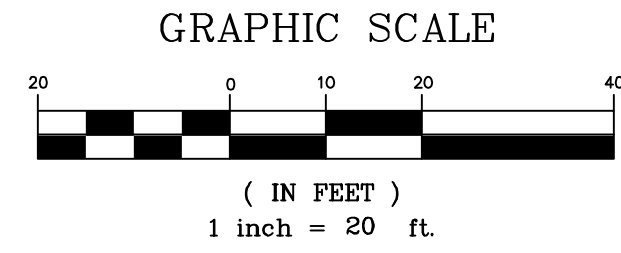
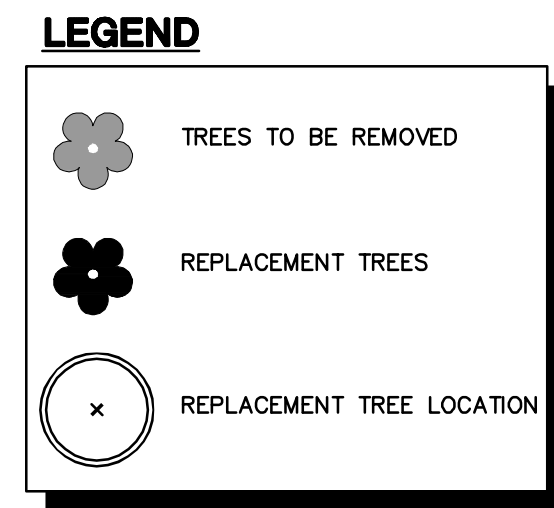


- TREE PROTECTION DETAIL** NOT TO SCALE
- EXISTING TREE(S) TO REMAIN.
 - DRIPLINE OF EXISTING TREE (TYP)
 - CONTINUOUS NYLON TIE STRING TIED TO STAKE TOPS W/ 2" TUNDRA WEIGHT ORANGE STREAMERS @ 3' O.C.
 - 8" METAL T-STAKES: 8' O.C. MIN., DRIVEN 2' INTO GROUND AT (OR OUTSIDE) TREE DRIPLINE
 - 4' MIN. HEIGHT ORANGE PLASTIC FENCING INSTALLED PER MANF. RECOMMENDATIONS (TYP). SUPPLEMENT W/ SILT FENCE FABRIC @ PRUNING TRENCH AS REQ'D.
 - EXISTING GRADE TO BE DISTURBED.
 - ROOT PRUNING TRENCH 12" OUTSIDE FENCE - SEE NOTES.
 - EXISTING GRADE TO REMAIN.

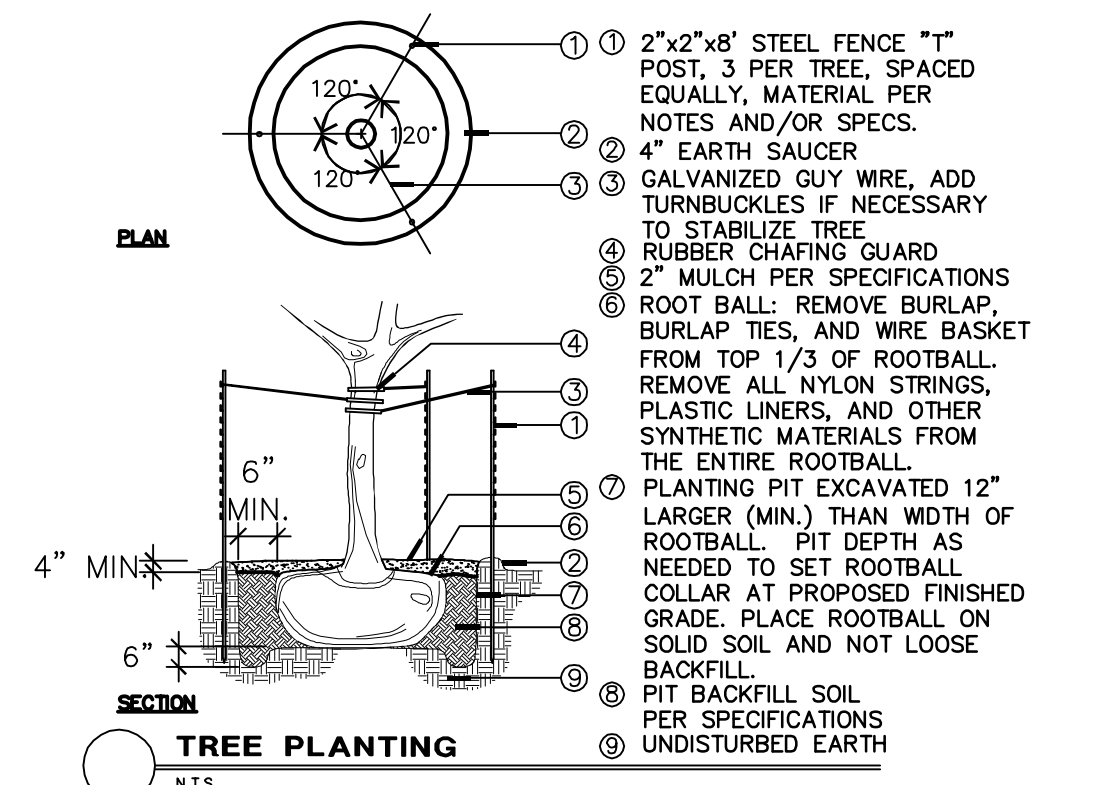
ROCKWALL LANDSCAPE NOTES

- A TREE PERMIT IS REQUIRED FOR ALL REMOVAL OF ALL TREES, PROTECTED AND UNPROTECTED.
- PLANT MATERIAL SHALL BE MEASURED AND SIZED ACCORDING TO THE LATEST EDITION OF THE TEXAS NURSERY & LANDSCAPE ASSOCIATION (TNLA) SPECIFICATIONS, GRADES AND STANDARDS.
- ALL PLANT SUBSTITUTIONS ARE SUBJECT TO CITY APPROVAL AND MUST BE SPECIFIED ON THE APPROVED LANDSCAPE PLAN.
- GROUND COVERS USED IN LIEU OF TURF GRASS MUST PROVIDE COMPLETE COVERAGE WITHIN ONE (1) YEAR OF PLANTING AND MAINTAIN ADEQUATE COVERAGE AS APPROVED BY THE CITY.
- TREES MUST BE PLANTED FOUR FEET (4') OR GREATER FROM CURBS, SIDEWALKS, UTILITY LINES, SCREENING WALLS AND/OR OTHER STRUCTURES. THE CITY HAS FINAL APPROVAL FOR ALL TREE PLACEMENTS.
- TREE PITS SHALL HAVE ROUGHENED SIDES AND BE TWO TO THREE TIMES WIDER THAN THE ROOT BALL OF THE TREE IN ORDER TO FACILITATE HEALTHY ROOT GROWTH.
- TREE PITS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE PIT WITH IN A 24-HOUR PERIOD, THE CONTRACTOR SHALL PROVIDE BERMING, OR DEVISE DRAINAGE PRACTICES, AND CONTACT THE CITY LANDSCAPE ARCHITECT AT 972-335-5580 PRIOR TO PLANTING.
- TREES SHALL NOT BE PLANTED DEEPER THAN THE BASE OF THE "TRUNK FLARE".
- THE TREE PIT SHALL BE BACKFILLED WITH NATIVE TOPSOIL FREE OF ROCK AND OTHER DEBRIS.
- BURLAP, TWINE AND WIRE BASKETS SHALL BE LOOSENEED AND PULLED BACK FROM THE TRUNK OF TREE AS MUCH AS POSSIBLE.
- TREES SHALL NOT BE WATERED TO EXCESS THAT RESULTS IN SOIL SATURATION. IF SOIL BECOMES SATURATED, THE WATERING SCHEDULE SHALL BE ADJUSTED TO ALLOW FOR DRAINAGE AND ABSORPTION OF THE EXCESS WATER.
- A 3"-4" LAYER OF MULCH SHALL BE PROVIDED AROUND THE BASE OF THE PLANTED TREE. THE MULCH SHALL BE PULLED BACK 1-2" FROM THE TRUNK OF THE TREE.
- NO PERSON(S) OR ENTITY MAY USE IMPROPER OR MALICIOUS MAINTENANCE OR PRUNING TECHNIQUES WHICH WOULD LIKELY LEAD TO THE DEATH OF THE TREE, IMPROPER OR MALICIOUS TECHNIQUES INCLUDE, BUT ARE NOT LIMITED TO, TOPPING OR OTHER UNSYMMETRICAL TRIMMING OF TREES, TRIMMING TREES WITH A BACKHOE, OR USE OF FIRE OR POISON TO CAUSE THE DEATH OF A TREE.
- TOPSOIL SHALL BE A MINIMUM OF 8 INCHES IN DEPTH IN PLANTING AREAS. SOIL SHALL BE FREE OF STONES, ROOTS, AND CLODS AND ANY OTHER FOREIGN MATERIAL THAT IS NOT BENEFICIAL FOR PLANT GROWTH.
- ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF HARDWOOD OR OTHER MULCH.
- TREES OVERHANGING WALKS AND PARKING SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF 7 FEET. TREES OVERHANGING PUBLIC STREET PAVEMENT DRIVE AISLES AND FIRE LANES SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF 14 FEET.

- NOTES:**
- TREE SURVEY AND MITIGATION SHALL BE UPDATED AS FUTURE LOTS DEVELOP.
 - ALL TREES TO BE TRANSLANTED SHALL BE SELECTED AND APPROVED BY THE OWNER, LANDSCAPE ARCHITECT, AND THE CITY OF ROCKWALL.



- PLANTING NOTES**
- ALL PLANT MATERIAL SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES AND SHALL MEET ALL STANDARDS AS STATED IN THE LATEST EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERMEN.
 - NO SUBSTITUTIONS IN PLANT MATERIALS SHALL BE MADE WITHOUT WRITTEN AUTHORIZATION FROM OWNER OR LANDSCAPE ARCHITECT. IN THE EVENT OF DISCREPANCIES BETWEEN THE DRAWING AND THE PLANT LIST, THE DRAWING SHALL PREVAIL.
 - LOCATE ALL UTILITIES PRIOR TO ANY DIGGING OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES INCURRED BY HIS WORK.
 - ALL LANDSCAPED AREAS SHALL BE FULLY IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM.
 - STAKING AND GUYING ALTERNATIVES: METHODS INDICATED IN DRAWING DETAILS ARE PREFERRED. CONTRACTOR MAY SUGGEST ALTERNATE METHODS, ASSUMING FULL RESPONSIBILITY FOR THEIR IMPLEMENTATION. CONTRACTOR SHALL REPLACE, PLANT, OR UPRIGHT ANY TREES BLOWN OVER OR DAMAGED DUE TO INADEQUATE STAKING AT NO ADDITIONAL COST TO THE OWNER.
 - PLANTS MASSSED IN BEDS SHALL BE ARRANGED USING TRIANGULAR SPACING.
 - PROVIDE A STEEL EDGE OR SPADE EDGE BETWEEN ALL PLANTING BEDS AND LAWN AREAS AS CALLED FOR ON PLANS.
 - ALL PLANTING BEDS TO BE TOP DRESSED WITH A MINIMUM OF 2" SHREDDED HARDWOOD MULCH.
 - PROVIDE GRASS SEEDING OR LAY SOD FOR PROPOSED LAWN AREAS TO ALL EDGES OF PAVEMENT AND/ OR LIMITS OF DISTURBANCE OUTSIDE R.O.W. OR PROPOSED LANDSCAPE EASEMENT.
 - THE CONTRACTOR, SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPING UNTIL FINAL ACCEPTANCE. ALL REQUIRED LANDSCAPING SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THE WORK SHALL INCLUDE, BUT NOT TO BE LIMITED TO, MOWING, EDGING, PRUNING, FERTILIZING, WATERING, WEEDING, AND OTHER SUCH ACTIVITIES COMMON TO THE MAINTENANCE OF LANDSCAPING. ALL PLANT MATERIALS SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR. PLANT MATERIAL THAT DIES SHALL BE REPLACED WITH THE PLANT MATERIAL OF SIMILAR SIZE AND VARIETY.
 - QUANTITIES ARE APPROXIMATE AND ARE PROVIDED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES AND PROVIDING SUFFICIENT QUANTITIES OF MATERIAL FOR COVERAGE BASED ON THE AREAS TO BE COVERED AND PLANT SPACING CALLED FOR.
 - ALL DISTURBED AREAS ON SITE NOT CALLED TO BE SODDED, SHALL BE REESTABLISHED WITH SEED OR HYDROMULCH.



TREE PLANTING N.T.S.

- A VISIBILITY TRIANGLE MUST BE PROVIDED AT ALL INTERSECTIONS. SHRUBS ARE NOT TO EXCEED 30 INCHES IN HEIGHT. TREES SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF 9 FEET.
- TREES PLANTED ON A SLOPE SHALL HAVE THE SOIL STAIN AT THE AVERAGE GRADE OF SLOPE.
- NO SHRUBS SHALL BE PERMITTED WITHIN AREAS LESS THAN 3 FEET IN WIDTH. ALL BEDS LESS THAN 3 FEET IN WIDTH SHALL BE GRASS, GROUNDCOVER OR SOME TYPE OF FIXED PAVING.
- THE OWNER, TENANT, AND/OR THEIR AGENTS, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE, ESTABLISHMENT, AND PERMANENCE OF PLANT MATERIAL. ALL LANDSCAPING SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS SHALL INCLUDE, BUT NOT LIMITED TO, MOWING, EDGING, PRUNING, FERTILIZING, WATERING, AND OTHER ACTIVITIES NECESSARY FOR THE MAINTENANCE OF LANDSCAPED AREAS.
- ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR. PLANT MATERIAL THAT IS DAMAGED, DESTROYED, OR REMOVED SHALL BE REPLACED WITH PLANT MATERIAL OF SIMILAR SIZE AND VARIETY WITHIN 30 DAYS UNLESS OTHERWISE APPROVED IN WRITING BY THE CITY OF ROCKWALL.
- LANDSCAPE AND OPEN AREAS SHALL BE KEPT FREE OF TRASH, LITTER AND WEEDS.
- AN AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED TO IRRIGATE ALL LANDSCAPE AREAS. OVERSPRAY ON STREETS AND WALKS IS PROHIBITED. A PERMIT FROM THE BUILDING INSPECTION DEPARTMENT IS REQUIRED FOR EACH IRRIGATION SYSTEM.
- NO PLANT MATERIAL SHALL BE ALLOWED TO ENCRUCH ON RIGHT-OF-WAY, SIDEWALKS OR EASEMENTS TO THE EXTENT THAT THE VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE TRAFFIC IS IMPEDED.
- NO PLANTING AREAS SHALL EXCEED 3:1 SLOPE. 3' HORIZONTAL TO 1' VERTICAL.
- EARTHEN BERMS SHALL NOT INCLUDE CONSTRUCTION DEBRIS. CONTRACTOR MUST CORRECT SLIPPAGE OR DAMAGE TO THE SMOOTH FINISH GRADE OF THE BERM PRIOR TO ACCEPTANCE.
- ALL WALKWAYS SHALL MEET A.D.A. AND T.A.S. REQUIREMENTS.
- CONTACT CITY OF ROCKWALL PLANNING DEPARTMENT AT 972-771-7745 FOR LANDSCAPE INSPECTION. NOTE LANDSCAPE INSTALLATION MUST COMPLY WITH APPROVED LANDSCAPE PLANS PRIOR FINAL ACCEPTANCE BY THE CITY AND/OR OBTAINING A CERTIFICATE OF OCCUPANCY.
- FINAL INSPECTION AND APPROVAL OF SCREENING WALLS, IRRIGATION AND LANDSCAPE IS SUBJECT TO ALL PUBLIC UTILITIES INCLUDING BUT NOT LIMITED TO MANHOLES, VALVES, WATER METERS, CLEANOUTS AND OTHER APPURTENANCES, TO BE ACCESSIBLE, ADJUSTED TO GRADE AND TO THE CITY OF ROCKWALL'S PUBLIC WORKS DEPARTMENT STANDARDS.
- PRIOR TO CALLING FOR A LANDSCAPE INSPECTION, CONTRACTOR IS RESPONSIBLE FOR MARKING ALL MANHOLES, VALVES, WATER METERS, CLEANOUTS AND OTHER UTILITY APPURTENANCES WITH FLAGGING FOR FIELD VERIFICATION BY THE PUBLIC WORKS DEPARTMENT.

Kimley-Horn and Associates, Inc.
Tel. No. (972) 335-3580
Fax. No. (972) 335-3778
9300 Wade Boulevard, Suite 320
Frisco, Texas 75035

PRELIMINARY
FOR REVIEW ONLY
Not for construction, bidding, or permit purposes.

NORTH LAKESHORE VALLEY DETENTION POND
CITY OF ROCKWALL ROCKWALL COUNTY, TEXAS

TREE MITIGATION

Scale: AS SHOWN
Designed by: JPF
Drawn by: JPF
Checked by: DKK
Date: 03/01/2007
Project No. 068108000

SHEET C-7 OF 7

Revised: 06/14/07 - Addendum 1 - Addendum 2 - Addendum 3 - Addendum 4 - Addendum 5 - Addendum 6 - Addendum 7 - Addendum 8 - Addendum 9 - Addendum 10 - Addendum 11 - Addendum 12 - Addendum 13 - Addendum 14 - Addendum 15 - Addendum 16 - Addendum 17 - Addendum 18 - Addendum 19 - Addendum 20 - Addendum 21 - Addendum 22 - Addendum 23 - Addendum 24 - Addendum 25 - Addendum 26 - Addendum 27 - Addendum 28 - Addendum 29 - Addendum 30 - Addendum 31 - Addendum 32 - Addendum 33 - Addendum 34 - Addendum 35 - Addendum 36 - Addendum 37 - Addendum 38 - Addendum 39 - Addendum 40 - Addendum 41 - Addendum 42 - Addendum 43 - Addendum 44 - Addendum 45 - Addendum 46 - Addendum 47 - Addendum 48 - Addendum 49 - Addendum 50 - Addendum 51 - Addendum 52 - Addendum 53 - Addendum 54 - Addendum 55 - Addendum 56 - Addendum 57 - Addendum 58 - Addendum 59 - Addendum 60 - Addendum 61 - Addendum 62 - Addendum 63 - Addendum 64 - Addendum 65 - Addendum 66 - Addendum 67 - Addendum 68 - Addendum 69 - Addendum 70 - Addendum 71 - Addendum 72 - Addendum 73 - Addendum 74 - Addendum 75 - Addendum 76 - Addendum 77 - Addendum 78 - Addendum 79 - Addendum 80 - Addendum 81 - Addendum 82 - Addendum 83 - Addendum 84 - Addendum 85 - Addendum 86 - Addendum 87 - Addendum 88 - Addendum 89 - Addendum 90 - Addendum 91 - Addendum 92 - Addendum 93 - Addendum 94 - Addendum 95 - Addendum 96 - Addendum 97 - Addendum 98 - Addendum 99 - Addendum 100