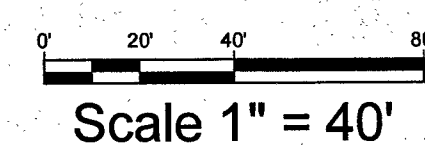


PROTECTED TREE LEGEND

POINT #	TAG #	TREE SPECIES	DBH (IN)	STATUS
1982	1116	HACKBERRY	24	KFFP
1985	1119	HACKBERRY	20	KEEP
1987	1118	HACKBERRY	24	KEEP
1989	1121	PECAN	24	KEEP
1991	X	HACKBERRY (DEAD)	30	KEEP
1993	1127	HACKBERRY	6	KEEP
1994	1128	HACKBERRY	6	KEEP
1996	1130	HACKBERRY	2 X 6	KEEP
1997	X	HACKBERRY	15	KEEP
1999	1133	HACKBERRY	24	KEEP
2001	1132	HACKBERRY	8	KEEP
2002	X	HACKBERRY	4 X 6	KEEP
2003	1137	HACKBERRY	6	KEEP
2004	1138	HACKBERRY	6	KEEP
2006	1141	HACKBERRY	7	KEEP
2007	1140	HACKBERRY	7	KEEP
2009	1143	HACKBERRY	6	KEEP
2010	1144	HACKBERRY	2 X 6	KEEP
2011	1145	HACKBERRY	6	KEEP
2012	1146	UNKNOWN	2 X 9	KEEP
2014	X	HACKBERRY	6	KEEP
2015	1150	HACKBERRY	10	KEEP
2016	X	HACKBERRY	6	KEEP
2017	1151	HONEYLOCUST	6	KEEP
2018	1152	HACKBERRY	20	KEEP
2019	1153	HACKBERRY	10	KEEP
2023	1148	HONEYLOCUST	6	KEEP
2024	1156	HACKBERRY	12	KEEP
2025	1159	HACKBERRY	10	KEEP
2026	1160	HACKBERRY	10	KFFP
2027	1161	HACKBERRY	15	REMOVE
2029	1163	HACKBERRY (ROTTEN CORE)	27	REMOVE
2030	1164	HACKBERRY	6	REMOVE
2031	1161	HACKBERRY	6	REMOVE
2032	1165	HACKBERRY	8	REMOVE
2033	1166	HACKBERRY	8	REMOVE
2034	1168	HACKBERRY	10	REMOVE
2035	1170	HACKBERRY	6	REMOVE
2036	1167	HACKBERRY	6	REMOVE
2037	X	HACKBERRY	6	REMOVE
2038	1172	HACKBERRY	6	REMOVE
2039	X	HACKBERRY	6	REMOVE
2041	1175	HACKBERRY	8	REMOVE
2042	1176	HACKBERRY	8	REMOVE
2043	1177	HACKBERRY	8	REMOVE
2044	1178	HACKBERRY	7	REMOVE
2047	X	CEDAR	15	REMOVE
2049	1183	HONEYLOCUST (DECLINE)	2 X 12	REMOVE
2050	1184	HACKBERRY	9	REMOVE
2051	1185	HACKBERRY	12	REMOVE
2052	1186	HACKBERRY	9	REMOVE
2053	1187	HACKBERRY	9	REMOVE
2054	1188	HACKBERRY	10	REMOVE
2055	1181	HACKBERRY	12	REMOVE
2056	1191	HACKBERRY	6	REMOVE
2057	1190	HACKBERRY	6	REMOVE
2058	1192	HACKBERRY	10	REMOVE
2059	1193	HACKBERRY	14	REMOVE
2061	1197	HACKBERRY	10	REMOVE
2062	1196	HACKBERRY	10	REMOVE
2063	1195	HACKBERRY	10	REMOVE
2064	1200	HACKBERRY	7	REMOVE
2065	1201	HACKBERRY	14	REMOVE
2066	1199	HACKBERRY	10	REMOVE
2067	1198	HACKBERRY	10	REMOVE
2068	X	HACKBERRY	6	REMOVE
2069	X	HACKBERRY	6	REMOVE
2070	1204	HACKBERRY	10	REMOVE
2072	1206	UNKNOWN	18	KEEP
2073	1207	HACKBERRY	10	KEEP
2074	1208	HACKBERRY	12	KEEP
2075	1209	HACKBERRY	8	KEEP
2076	1210	HACKBERRY	10	REMOVE
2077	1211	HACKBERRY	6	KEEP
2078	1212	HACKBERRY	8	KEEP
2079	1213	HACKBERRY	8	KEEP
2081	1215	HACKBERRY	6	KEEP
2082	1216	HACKBERRY	6	KEEP
2083	1217	HACKBERRY	6	KEEP



TREE PROTECTION NOTES

- CRITICAL ROOT ZONE FOR EXISTING TREES:** BEFORE BEGINNING ANY DEMOTION OR CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL INSTALL TEMPORARY FENCING AROUND ALL EXISTING TREES WITHIN THE CONSTRUCTION ZONE THAT ARE TO BE SAVED. THE FENCE SHALL BE INSTALLED NO CLOSER TO THE TREE THAN THE OUTER EDGE OF THE TREE'S CRITICAL ROOT ZONE (CRZ) OR AS FAR AWAY FROM THE TRUNK AS PRACTICABLE. THE CRZ IS DEFINED AS THE AREA AROUND THE TREE TRUNK EQUAL TO 1' RADIUS FOR EVERY 1" DBH (DIAMETER AT BREAST HEIGHT). THE FENCING SHALL BE OF A MATERIAL AND HEIGHT ACCEPTABLE TO THE LANDSCAPE ARCHITECT, SUCH AS 4' HIGH ORANGE PLASTIC CONSTRUCTION FENCE. ALL CONTRACTORS AND THEIR CREWS SHALL NOT BE ALLOWED INSIDE THE CRZ, NOR SHALL THEY BE ALLOWED TO STORE OR DUMP FOREIGN MATERIALS WITHIN THIS AREA. NO WORK OF ANY KIND, INCLUDING TRENCHING, SHALL BE ALLOWED WITHIN THE CRZ EXCEPT AS DESCRIBED BELOW. THE FENCING SHALL REMAIN AROUND EACH TREE TO BE SAVED UNTIL THE COMPLETION OF CONSTRUCTION OPERATIONS.
- TEMPORARY MULCH:** TO ALLEVIATE SOIL COMPACTION IN ANTICIPATED AREAS OF HIGH CONSTRUCTION TRAFFIC, AND ONLY WHERE FENCING CANNOT BE SET TO ENCOMPASS THE ENTIRE CRZ, THE CONTRACTOR SHALL INSTALL A LAYER OF MULCH, 9"-12" THICK, OVER ALL EXPOSED AREA BETWEEN THE FENCE AND THE OUTER LIMITS OF THE CRZ. THIS LAYER SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. WHEN PLANTING OPERATIONS ARE COMPLETED, THE MULCH SHALL BE REDISTRIBUTED THROUGHOUT ALL PLANTING AREAS IN A 3" THICK "PERMANENT" MULCH LAYER.
- NECESSARY WORK:** WHEN IT BECOMES NECESSARY TO ENTER THE CRZ, SUCH AS FOR INSTALLATION OF HARDSCAPE, FINE GRADING, IRRIGATION INSTALLATION, AND PLANTING OPERATIONS, THE CONTRACTOR SHALL STRICTLY ADHERE TO THE FOLLOWING RULES:
 - EVERY EFFORT SHALL BE MADE TO PRESERVE THE EXISTING GRADE AROUND PROTECTED TREES IN AS WIDE AN AREA AS POSSIBLE. UNDER NO CIRCUMSTANCES WILL GRADE CHANGES THAT EXCEED 3" BE ALLOWED.
 - TRENCHING WITHIN THE CRZ SHALL BE PERFORMED BY HAND, AND WITH EXTREME CARE NOT TO SEVER ROOTS 1-1/2" IN DIAMETER AND LARGER. WHERE ROOTS 1-1/2" IN DIAMETER AND LARGER ARE ENCOUNTERED, THE CONTRACTOR SHALL TUNNEL UNDER SAID ROOTS. EXPOSED ROOTS THAT HAVE BEEN TUNNELED UNDER SHALL BE WRAPPED IN WET BURLAP AND KEPT MOIST WHILE THE TRENCH IS OPEN.
 - WHERE ROOTS 1-1/2" IN DIAMETER OR LARGER MUST BE CUT DUE TO EXTENSIVE GRADE CHANGES, THOSE ROOTS MUST BE EXPOSED BY HAND DIGGING AND CUT CLEANLY. IN AREAS WHERE OAK WILT OR SUDDEN OAK DEATH IS KNOWN TO EXIST, PAINT THE WOUND WITH WOUND PAINT WITHIN 30 MINUTES OF CUTTING.
 - WHERE TRENCHING NEAR TREES HAS ALREADY OCCURRED FROM PREVIOUS CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL MAKE EVERY EFFORT TO CONFINE HIS TRENCHING OPERATIONS TO THE PREVIOUSLY-CREATED TRENCHES, WHILE ADHERING TO THE CONDITIONS SET FORTH IN 3b.
- POTENTIAL CONFLICTS:** THE CONTRACTOR SHALL NOTIFY THE OWNER, LANDSCAPE ARCHITECT (AND/OR ARBORIST, AS APPLICABLE) SHOULD ANY POTENTIAL CONFLICTS ARISE BETWEEN THESE SPECIFICATIONS AND/OR LARGE ROOTS ENCOUNTERED IN THE FIELD, AND CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL NOT TAKE ANY ACTION IN SUCH CONFLICTS WITHOUT THE LANDSCAPE ARCHITECT AND/OR ARBORIST'S WRITTEN APPROVAL. THE LANDSCAPE ARCHITECT AND/OR ARBORIST (AS APPLICABLE) SHALL HAVE FINAL AUTHORITY OVER ALL METHODS NECESSARY TO HELP ENSURE THE PROTECTION AND SURVIVAL OF EXISTING TREES.
- PRUNING:** PRUNE ONLY THE TREES THAT ARE INDICATED ON THE PLANS AS REQUIRING PRUNING. PRUNE TREES ACCORDING TO INTERNATIONAL SOCIETY OF ARBORICULTURE / ANSI A300 STANDARDS:
 - REMOVE ALL DEAD WOOD.
 - PRUNE LIVE WOOD FOR HEALTH OR STRUCTURAL REASONS ONLY, INCLUDING THE NEED TO ELIMINATE DISEASED OR DAMAGED GROWTH, ELIMINATE STRUCTURALLY UNSOUND GROWTH, REDUCE THE POTENTIAL FOR WIND TOPPLING OR WIND DAMAGE, OR TO MAINTAIN GROWTH WITHIN LIMITED SPACE. DO NOT REMOVE MORE THAN 25 % OF ANY TREE'S LIVE FOLIAGE IN ANY ONE GROWING SEASON. PRUNE ONLY TO INTERNATIONAL SOCIETY OF ARBORICULTURE/ANSI A300 STANDARDS, AND ONLY UNDER THE DIRECT SUPERVISION OF A CERTIFIED ARBORIST.
 - FINAL CUTS SHALL BE MADE JUST OUTSIDE THE SHOULDER RING AREA. EXTREMELY FLUSHED CUTS WHICH PRODUCE LARGE WOUNDS SHALL NOT BE MADE.
 - ALL TRIMMING CUTS SHALL BE PERFORMED IN SUCH A MANNER AS TO PROMOTE THE NATURAL GROWTH AND SHAPE OF EACH TREE SPECIES.
 - IMPROPER PRUNING METHODS INCLUDING, BUT NOT LIMITED TO, "TOPPING", "TIPPING", "HEADING BACK", "DEHORNING", AND "LIONTAILING" WILL NOT BE ALLOWED. THE CONTRACTOR SHALL PAY FOR ALL WORK NECESSARY TO CORRECT SUCH PRUNING WHEN PERFORMED BY HIS CREWS OR SUBCONTRACTORS.
 - SHOULD THE CONTRACTOR REQUIRE MORE INFORMATION, THE CONTRACTOR SHALL CONTACT THE ISA AT (217) 355-9411 FOR A COPY OF THE ANSI A300 PRUNING STANDARDS. CONTRACTOR SHALL ADHERE TO THE METHODS AND PRACTICES SET FORTH IN THIS DOCUMENT.

TOTAL DBH OF ALL PROTECTED TREES TO REMAIN:	299
TOTAL DBH OF FEATURE TREES TO REMAIN:	24
TOTAL DBH OF PROTECTED TREES TO BE REMOVED:	67.5
TOTAL REPLACEMENT INCHES REQUIRED = A + (B/2):	69.5
TOTAL REPLACEMENT TREES @ 3" CALIPER:	24
TOTAL REPLACEMENT TREES (INCHES):	72

NOTE: ALL TREE INFORMATION OBTAINED FROM ALTA SURVEY PREPARED BY ARTHUR SURVEYING COMPANY, DATED 6/28/2012.

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J.D. McFARLAND SURVEY, ABST. 145
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

TREESCAPE PLAN

10/17/2012
DRAWN: LML
DATE: 06/15/12
HEI #: 11-142
SHEET NO: TP1