

LEGEND

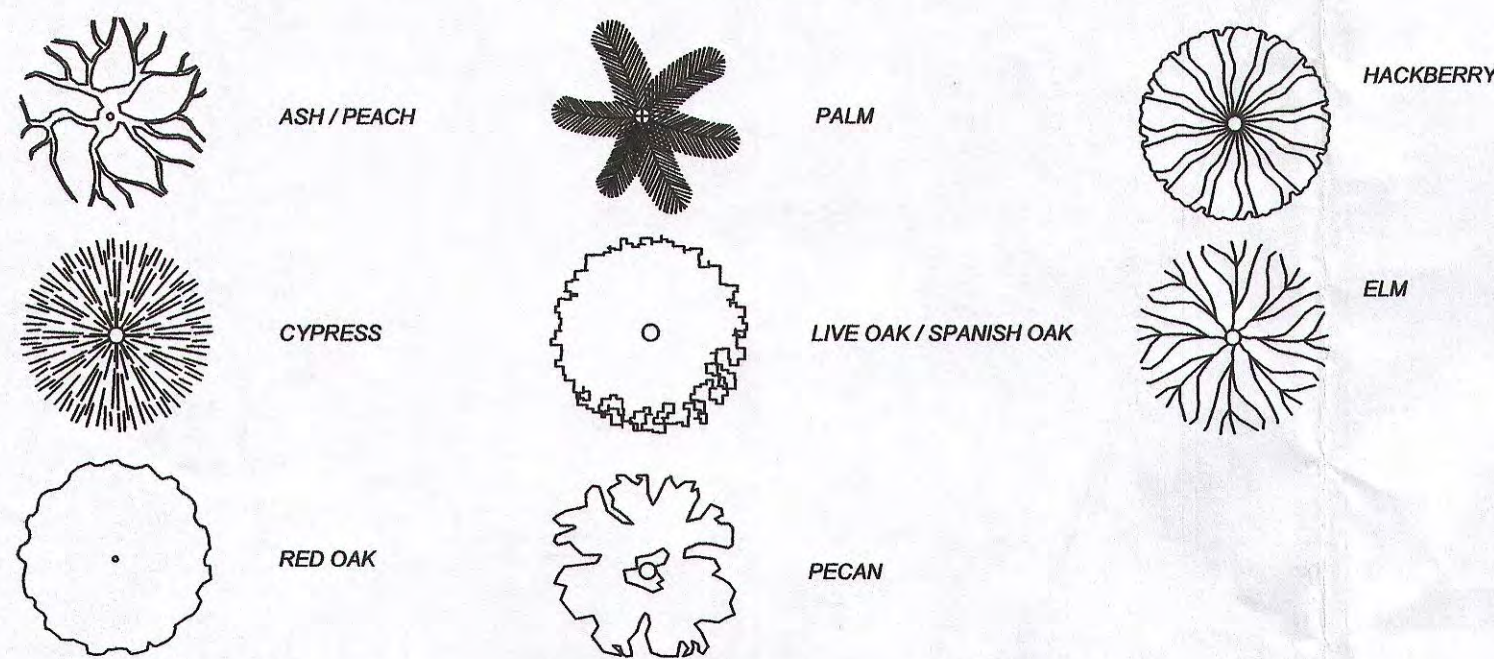


PROJECT LIMITS
EXISTING GRADES

IMPORTANT NOTE:
PLEASE SEE ATTACHED PLANTING EXHIBIT FOR PROPOSED TREE PLANTING LOCATIONS

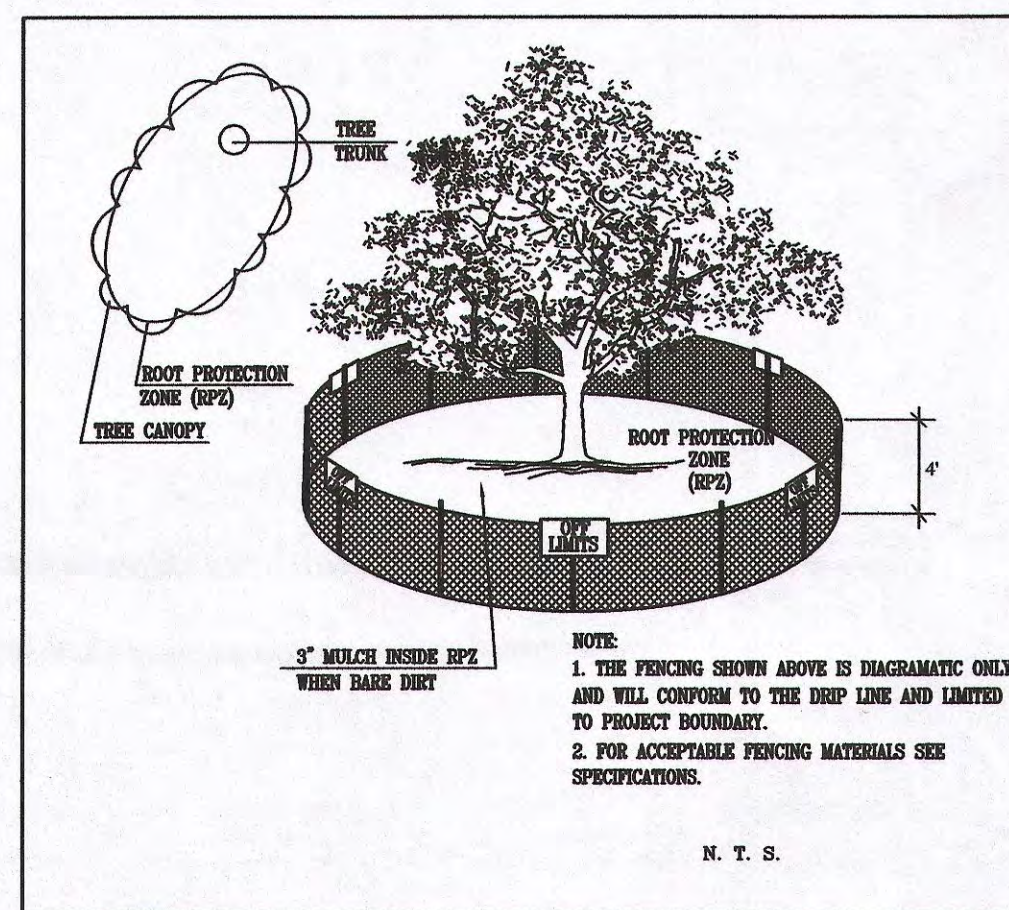
IMPORTANT NOTE:
2 - MINIMUM - 1.5 CALIPER INCH MEDIUM-LARGE CANOPY SHADE TREES TO BE PLANTED PER LOT. ALL TREES ARE REQUIRED TO BE MEDIUM TO LARGE CANOPY TREES. A MEDIUM TO LARGE CANOPY TREE IS DESIGNATED IN CITY OF SAN ANTONIO UNIFIED DEVELOPMENT CODE APPENDIX E. REFER TO THE ATTACHED PLANTING EXHIBIT LEGEND FOR TREE LOCATIONS AND THE ENERGY CONSERVATION CREDIT TREE DETAIL FOR DISTANCES OFF OF PROPOSED BUILDING.

TREE LEGEND

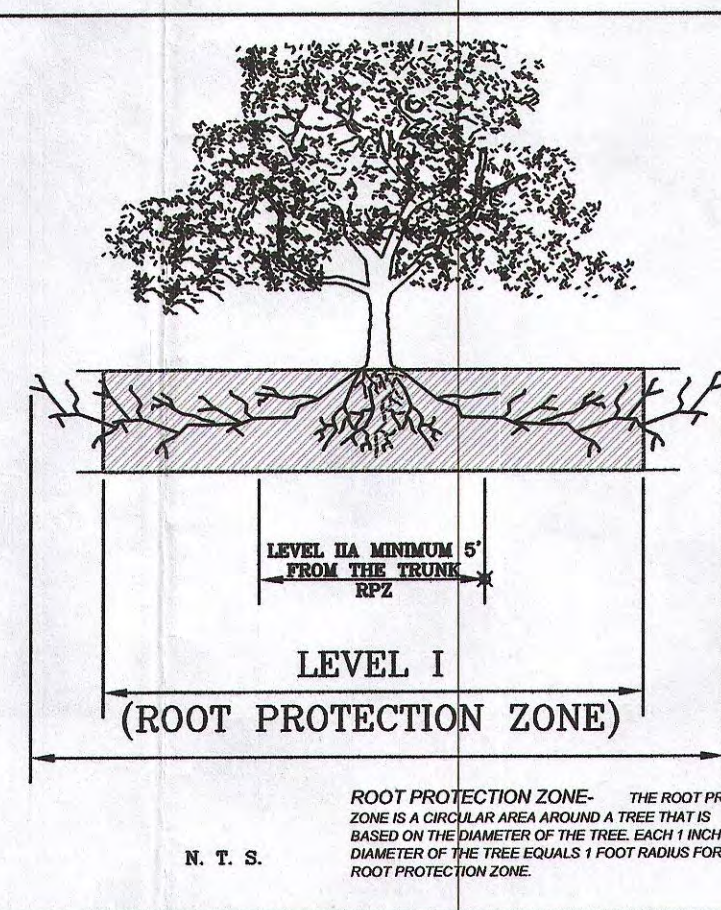


TREE PROTECTION NOTES

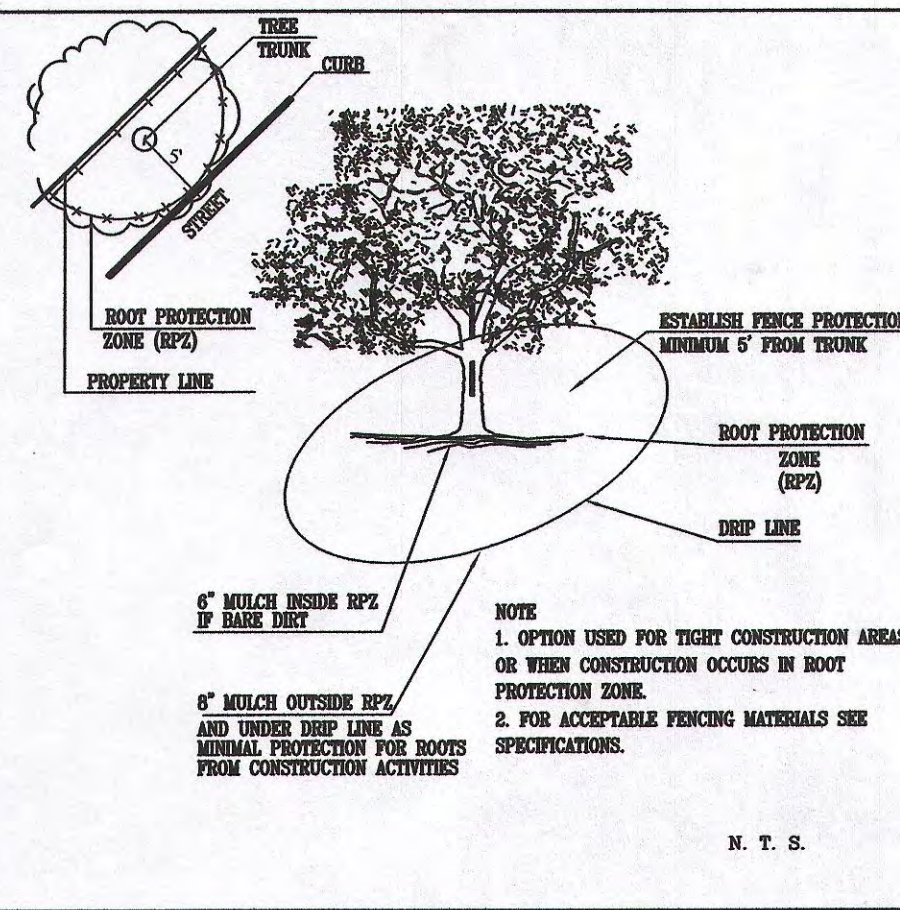
1. A ROOT PROTECTION ZONE WILL BE ESTABLISHED AROUND EACH TREE OR ANY VEGETATION TO BE PRESERVED TO MEET THE LANDSCAPE OR TREE PRESERVATION ORDINANCES. THE ROOT PROTECTION ZONE SHALL BE AN AREA DEFINED BY THE RADIUS EXTENDING OUTWARD FROM THE TRUNK OF THE TREE A DISTANCE OF ONE (1) LINEAR FOOT FOR EACH INCH DIAMETER INCH AT BREAST HEIGHT (4.5') OF THE TREE. A 10-INCH DIAMETER TREE WILL HAVE A 10 FOOT RADIUS ROOT PROTECTION ZONE.
2. NO WORK SHALL BEGIN WHEN TREE PROTECTION FENCING HAS NOT BEEN COMPLETED AND APPROVED. TREE PROTECTION FENCING SHALL BE INSTALLED, MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING CONSTRUCTION. THE FENCING WILL BE A MINIMUM OF 4' HEIGHT.
3. ALL ROOTS LARGER THAN ONE-INCH IN DIAMETER ARE TO BE CUT CLEANLY AND OAK WOUNDS PAINTED WITHIN 30 MINUTES.
4. EXPOSED ROOTS SHALL BE COVERED AT THE END OF THE WORK DAY USING TECHNIQUES SUCH AS COVERING WITH SOIL, MULCH OR WET BURLAP.
5. NO EQUIPMENT, VEHICLES OR MATERIALS SHALL BE OPERATED OR STORED WITHIN THE ROOT PROTECTION ZONE. NO CLEAN-OUT AREAS WILL BE CONSTRUCTED SO THAT THE MATERIAL WILL BE IN OR MIGRATE TO THE ROOT PROTECTION ZONE.
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8. ANY TREE REMOVAL SHALL BE APPROVED BY THE CITY ARBORIST (207-8053).
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10. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE WATERING THE ROOT PROTECTION ZONE AND OR WASHING FOLIAGE.
11. NO WIRES, NAILS OR OTHER MATERIALS MAY BE ATTACHED TO PROTECTED TREES.



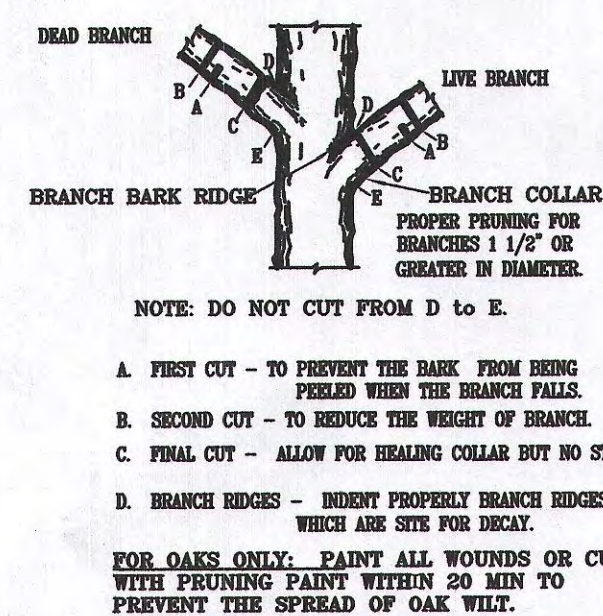
N. T. S.



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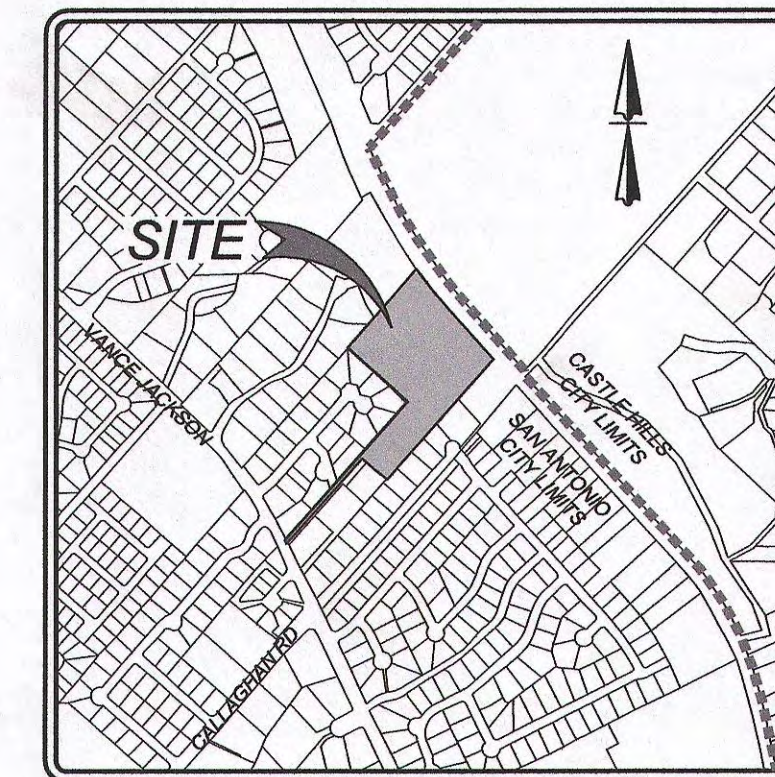
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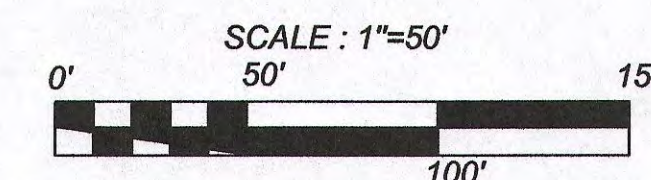
NOTE: DO NOT CUT FROM D TO E.

1. FIRST CUT - TO PREVENT THE BARK FROM BEING FRIED WHEN THE BRANCH FALLS.
2. SECOND CUT - TO REDUCE THE WEIGHT OF BRANCHES.
3. FINAL CUT - ALLOW FOR HEALING COLLAR BUT NO STUBS.
4. BRANCH RIDGES - IDENTIFY PROPERLY BRANCH RIDGES WHICH ARE SITES FOR DECAY.

FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING PAINT WITHIN 20 MIN TO PREVENT THE SPREAD OF OAK WILT.



LOCATION MAP
N.T.S.



MATCHLINE A

VANCE JACKSON

CREEKSIDE COURT (P.U.D.)
SAN ANTONIO, TX
TREE PRESERVATION PLAN

PLAT NO.
160494

JOB NO. 367-04-01

DATE: JANUARY 2017

DRAWN: MW CHECKED: RG

SHEET NUMBER:

1 OF 2

Date: Aug 10, 2017, 2:20pm User ID: alogauew
File: K:\367\04\01\Design\Civil\Trees\170713_TPR_Final.dwg

FEMA Inventory Table			
POINT #	SPECIES	PRESERVED	REMOVED
1107	PALM		23
1752	LO	47	
1753	ELM	16	
1754	LO	12	
1755	LO	23.5	
1756	LO	17	
1757	ELM	19.5	
1758	RO	8	
1759	RO	19	
1760	RO	19.5	
1761	LO	11	
1762	LO	7.5	
1763	LO	16.5	
1764	LO	19.5	
1765	LO	15.5	
1766	ELM	10	
1767	ELM	10	
1768	ELM	16.5	
1769	RO	6	
1770	ELM	11	
1771	ELM	12	
1772	ELM	7	
1773	LO	18.5	
1774	ELM	9	
1775	ELM	16.5	
1776	ELM	7	
1777	ELM	7	
1778	ELM	7	
1779	ELM	13.5	
1780	ELM	7	
1781	LO	31.5	
1782	ELM	11.5	
1783	ELM	12.5	
1784	ELM	10	
1785	ELM	17	
1786	LO	15	
1787	LO	8	
1788	LO	20.5	
1789	LO	17	
1790	LO	39	
1791	ELM	15	
1792	LO	26.5	
1793	LO	7	
1794	LO	14	
1795	LO	12	
1796	LO	8	
1797	LO	15	
1798	LO	8	
1799	LO	19	
1800	ELM	13.5	
1801	ASH	24.5	
1802	ELM	12	
1803	ELM	15	
1804	ELM	13.5	
1805	ELM	9	
1806	ELM	14.5	
1807	ELM	9	
1808	ELM	10.5	
1809	ELM	14	
1810	ELM	14	
1811	LO	12	
1812	LO	10.5	
1813	LO	12	
1814	ELM	11	
1815	ELM	7	
1816	ELM	11	
1817	RO	14.5	
1818	ELM	8	
1819	ELM	10.5	
1820	ELM	8	
1821	LO	25.5	
1822	LO	16	
1823	ELM	10	
1824	LO	17	
1825	ELM	13	
1826	LO	12	
1827	ELM	15	
1828	LO	27	
1829	ELM	10	
1830	ELM	14	
1831	ELM	8	
1832	LO	21	

1833	ELM	10	
1834	LO	17	
1835	RO	7	
1836	LO	20.5	
1837	LO	15	
1838	LO	9	
1839	ELM	6	
1873	LO	24	
1874	LO	26.5	
1875	LO	17	
1876	LO	17	
1877	ELM	12	
1913	LO	11	
1914	LO	21	
1915	ELM	10	
1916	LO	8.5	
1917	LO	9.5	
1918	ELM	10.5	
1919	ELM	9.5	
1920	ELM	13	
1921	LO	26.5	
1922	ELM	9.5	
1923	ELM	17	
1924	ELM	11	
1925	ELM	9	
1926	ELM	18	
1927	ELM	11.5	
1928	LO	13.5	
1929	RO	23	
1930	RO	12	
1931	ELM	8	
1932	ELM	10	
1933	ELM	10	
1934	LO	11	
1935	LO	12.5	
1936	ELM	8.5	
1937	ELM	8.5	
1938	ELM	8	
1939	LO	19.5	
1940	ELM	11.5	
1941	ELM	9	
1942	ELM	7	
1943	ELM	7	
1944	ELM	8	
1945	ELM	9.5	
1946	ELM	11	
1947	LO	7.5	
1948	LO	13	
1949	LO	13	
1950	LO	9.5	
1951	ELM	7	
1952	ELM	9	
1953	ELM	8	
1954	LO	16.25	
1955	ELM	9.25	
1956	ELM	7	
1957	ELM	6	
1958	LO	12.5	
1959	LO	18	
1960	ELM	8	
1961	LO	13.5	
1962	ELM	8	
1965	ELM	7	
1966	ELM	8.5	
1967	ELM	12	
1968	ELM	7	
1969	LO	9	
1970	LO	11	
1971	LO	9	
1972	LO	9.5	
1973	LO	12	
1974	LO	11	
1975	LO	6	
1976	LO	10	
1979	ELM	10	
1980	ELM	7.5	
1981	LO	7	
1982	LO	14	
1983	ELM	10	
1984	LO	15	
1985	LO	14.5	
1986	LO	19.25	
1987	LO	8	
1988	LO	13	

1989	LO	13	
1990	RO	18	
1991	ELM	7	
1992	ELM	11	
1993	LO	15	
1994	LO	23.25	
1996	LO	34.5	
1997	LO	7	
1998	LO	7	
1999	LO	7	
2000	ELM	6	
2001	ELM	10	
2002	ELM	13	
2003	ELM	18	
2004	PCN	14.5	
2005	ELM	9	
2006	ELM	8	
2007	ELM	10	
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2017	ELM	7	
2018	ELM	9.5	
2019	ELM	7	
2020	ELM	7	
2021	ELM	7.5	
2022	ELM	27	
2023	LO	33.15	
2024	ELM	11.5	
2025	ELM	13	
2026	ELM	7	
2027	LO	10	
2028	ELM	12	
2029	LO	18.5	
2030	ELM	15	
2031	ELM		9
2033	HK		12
2035	LO	12	
2036	LO	11	
2037	ELM	19	
2038	LO	20.5	
2039	ELM	11	
2040	ELM	7	
2041	ELM	9	
2042	ELM	10	
2043	ELM	12.5	
2044	HK	19	
2045	ELM	14	
2046	ELM	22.75	
2047	ELM	7	
2048	ELM	9.5	
2049	LO	18	
2050	LO	10	
2051	ELM	16.5	
2052	LO	30.25	
2053	ELM	19.5	
2054	ELM	18.5	
2055	ELM	13	
3059	ELM	15	
3060	ELM	13.5	
3061	ELM	11	
3062	ELM	9	
3063	ELM	16.5	
3142	HK	14	
3143	HK	15	
3144	HK	11	
3145	HK	11	
3146	ELM	10	
3147	ELM	23	
3148	ELM	14.5	
3149	ELM	20.5	
3150	ELM	7	
3151	ELM	10	
3152	ELM	7	
3153	ELM	13.5	
3154	ELM	18	
3155	ELM	6	
3156	ELM	10.5	

3157	ELM	6	
3158	ELM	7	
3159	ELM	11.5	
3160	RO	10.5	
3162	LO	26	
3163	ELM	14	
3164	LO	21	
3165	LO	12.5	
3166	LO	9.5	
3167	LO	9.5	
3168	LO	9.5	
3169	LO	9.5	
3170	ELM	17	
3171	ELM	16	
3172	ELM	12	
3173	ELM	13.5	
3174	ELM	13	
3175	LO	12.5	
3176	LO	13	
3177	LO	10	
3178	LO	16.5	
3179	ELM	9.5	
3180	ELM	14.5	
3181	ELM	10	
3182	LO	16.5	
3183	LO	10	
3184	ELM	10	
3185	LO	17	
3186	LO	14	
3187	LO	24	
3188	ELM	15.5	
3189	LO	13	
3190	LO	9	
3191	LO	15	
3192	LO	16.5	
3193	LO	15	
3194	ELM	24	
3195	ELM	11	
3196	HK	16	
3199	LO	45.5	
3200	ELM	23	
3201	ELM	21.5	
3202	ELM	11.5	
3204	HK	13.5	
3205	ELM	14.5	
3206	ELM	11.5	
3207	ELM	11	
3208	ELM	16	
3209	HK	16	
SUB TOTAL INCHES		3920.15	44
TOTAL INCHES BY CATEGORY			3964.15
PRESERVATION PERCENTAGE			99%

Heritage Species Inventory Table 3:1				
POINT #	SPECIES	PRESERVED	REMOVED	FINAL CANOPY (SQFT)
1169 / 1170	LO		IN DECLINE	
1093	LO		25	
1166	LO		25	
1280	LO		IN DECLINE	
3031	LO	25		1310
3049	ELM		26.5	
3075	LO		25	
3078	LO		30	
3080	LO		25	
3092	LO	41		2148
SUB TOTAL INCHES		66	156.5	TOTAL PRESERVED CANOPY (SQFT)
TOTAL INCHES BY CATEGORY			222.5	
PRESERVATION PERCENTAGE			30%	
MITIGATION REQUIRED			469.5	3458

Significant Species Within Riparian Buffer Inventory Table				
POINT #	SPECIES	PRESERVED	REMOVED	FINAL CANOPY (SQFT)
1088	ASH		HAZARD	
1089	ASH		HAZARD	
2032	HK		16	
3050	ELM		IN DECLINE	
3051	ELM	15		875
3052	ELM	9.5		875
3053	ELM	15.5		875
3055	ELM		13	
3056	ELM	7.5		875
3057	ELM	7.5		875
3058	ELM	9.5		875
3064	LO		13	
3065	ELM		13	
3066	HK		10	
3067 / 3070	LO		19.75	
3068	LO		10.5	
SUB TOTAL INCHES		64.5	95.25	TOTAL PRESERVED CANOPY (SQFT)
TOTAL INCHES BY CATEGORY			159.75	
PRESERVATION PERCENTAGE			40%	
MITIGATION REQUIRED (80%)			63.3	5,250

Significant Species (10"-24") Inventory Table				
POINT #	SPECIES	PRESERVED	REMOVED	FINAL CANOPY (SQFT)
1090 / 1091	HK		IN DECLINE	
3026	HK		DEAD	
3071	HK		11.5	
3074	ASH		16	
3118	ASH		IN DECLINE	
3132	HK		IN DECLINE	
SUB TOTAL INCHES		0	27.5	TOTAL PRESERVED CANOPY (SQFT)
TOTAL INCHES BY CATEGORY			27.5	
PRESERVATION PERCENTAGE			0%	
MITIGATION REQUIRED			9.63	0

Heritage Species Inventory Table 1:1				
POINT #	SPECIES	PRESERVED	REMOVED	FINAL CANOPY (SQFT)
1092	ASH		HAZARD	
SUB TOTAL INCHES				TOTAL PRESERVED CANOPY (SQFT)
TOTAL INCHES BY CATEGORY				
PRESERVATION PERCENTAGE				
MITIGATION REQUIRED			-	

TREE CANOPY CALCULATIONS

**PROTECTED/HERITAGE
TREES PRESERVED**

**PLANTED 2" CALIPER TREES (MEDIUM -
LARGE SPECIES) FOR RIPARIAN BUFFER
MITIGATION**

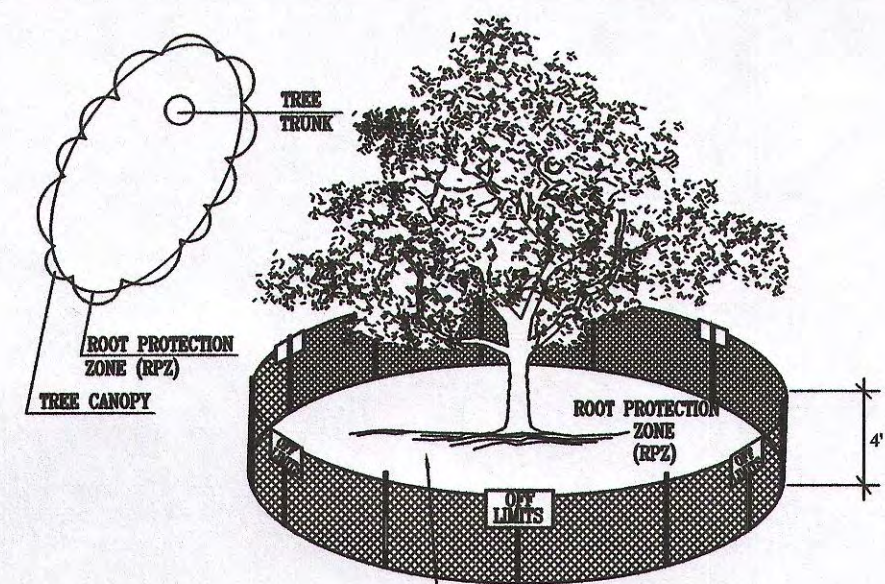
**PLANTED 2" CALIPER TREES (SMALL -
MEDIUM SPECIES) FOR RIPARIAN BUFFER
MITIGATION**

	ASH / PEACH		PALM		HACKBERRY
	CYPRESS		LIVE OAK / SPANISH OAK		ELM
	RED OAK		PECAN		

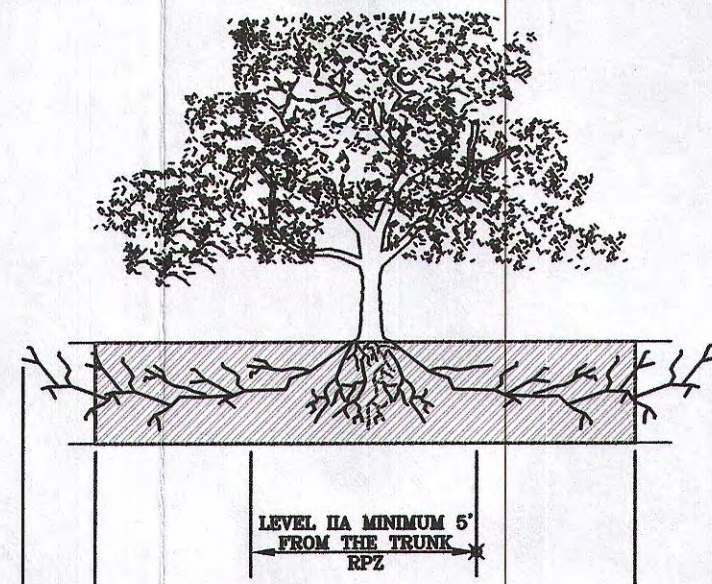
IMPORTANT NOTE:
THE PROPOSED PLANTINGS ON THIS EXHIBIT WILL BE DEFERRED UNTIL A BUILDING PERMIT HAS BEEN ISSUED FOR THE CONSTRUCTION OF INDIVIDUAL LOTS ON WHICH THEY ARE PROPOSED. THE LOCATION OF THE PROPOSED TREES TO BE COORDINATED AT THE TIME OF PLANTING. 2" - MINIMUM - 1.5 CALIPER INCH MEDIUM-LARGE CANOPY SHADE TREES TO BE PLANTED PER LOT. ALL TREES ARE REQUIRED TO BE MEDIUM TO LARGE CANOPY TREES. A MEDIUM TO LARGE CANOPY TREE IS DEFINED BY THE CITY OF SAN ANTONIO UNIFIED DEVELOPMENT CODE APPENDIX E. REFLECT TO THE LEGEND FOR TREE LOCATIONS AND THE ENERGY CONSERVATION CREDIT TREE DETAIL FOR DISTANCES OFF OF PROPOSED BUILDING.

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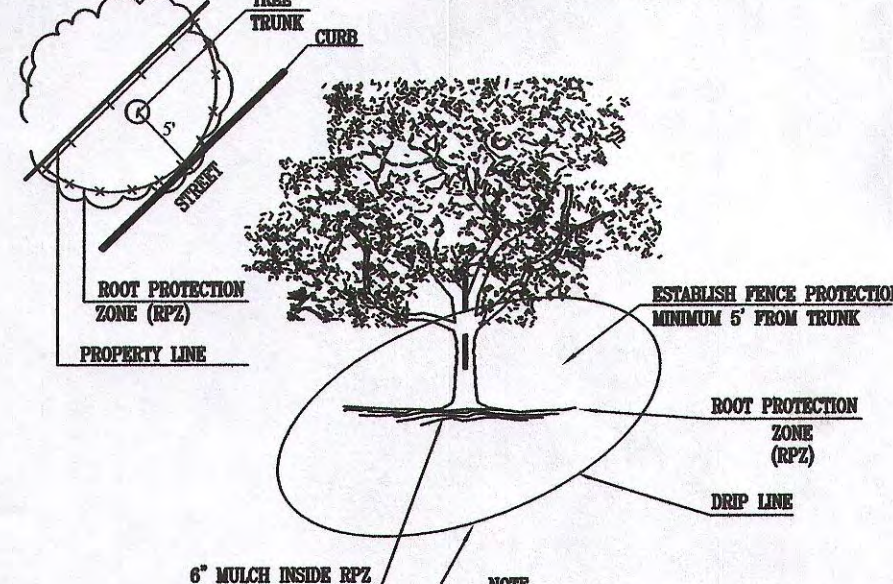
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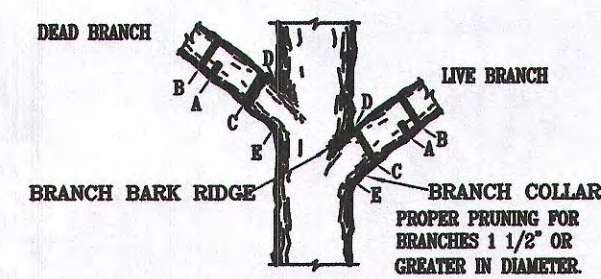
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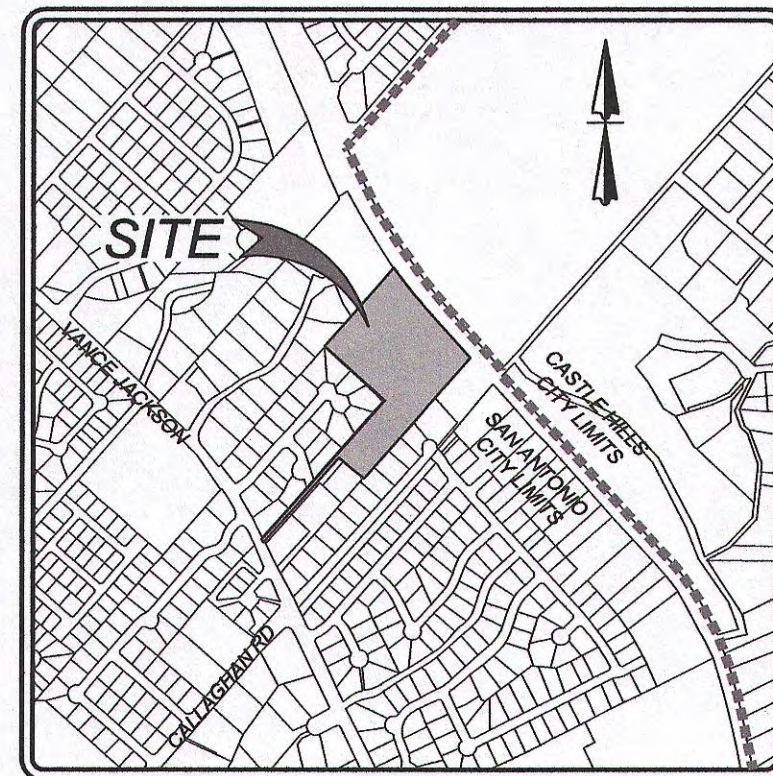
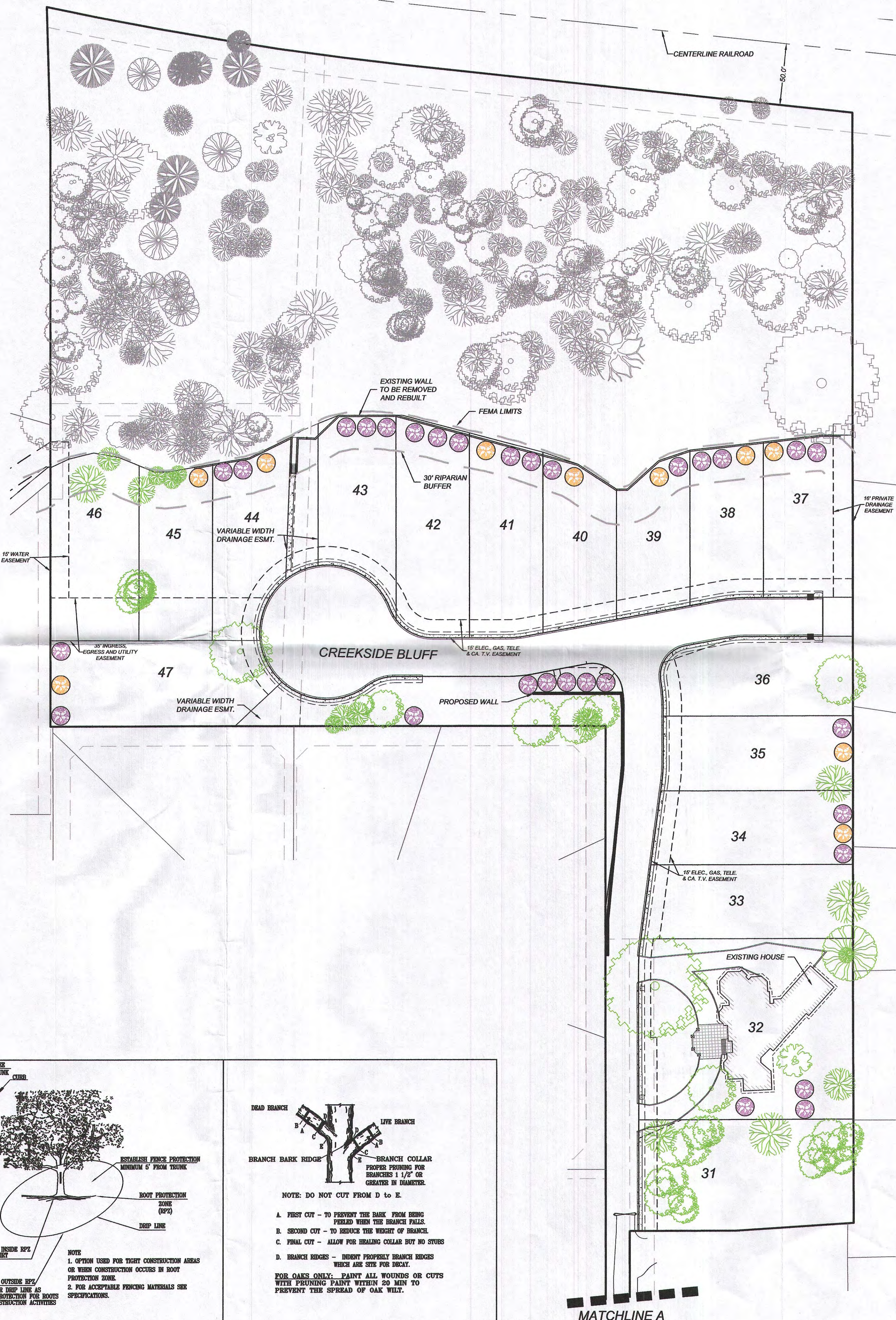
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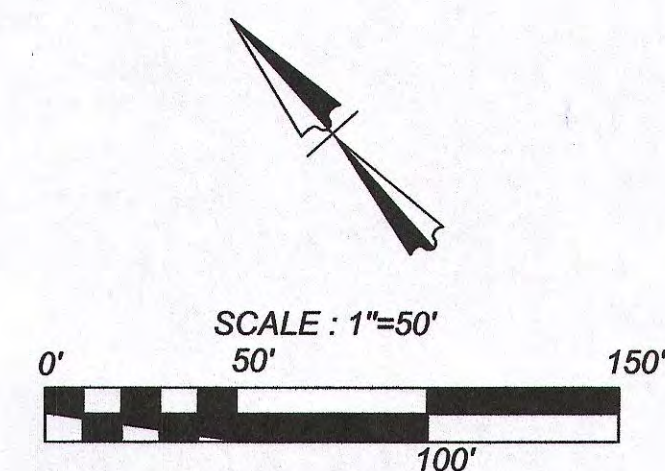
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LOCATION MAP
N.T.S.



MATCHLINE A

CREEKSIDE COURT (P.U.D.)

SAN ANTONIO, TX

PLANTING EXHIBIT

PLAT NO.
160494

JOB NO. 367-04-01
DATE: JANUARY 2017
DRAWN: MW CHECKED: RG
SHEET NUMBER:

EX-1