

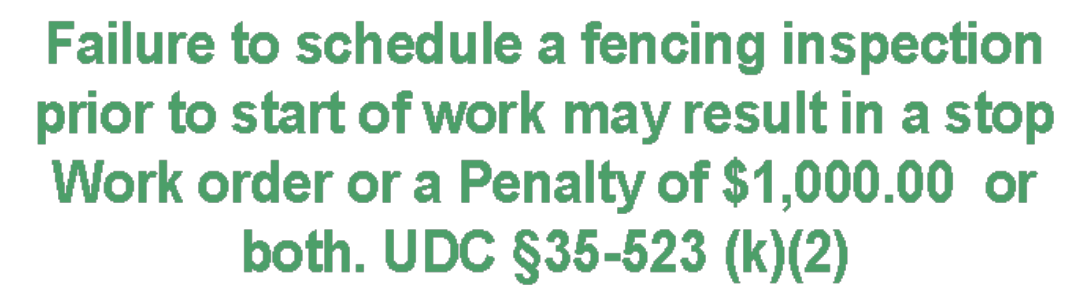
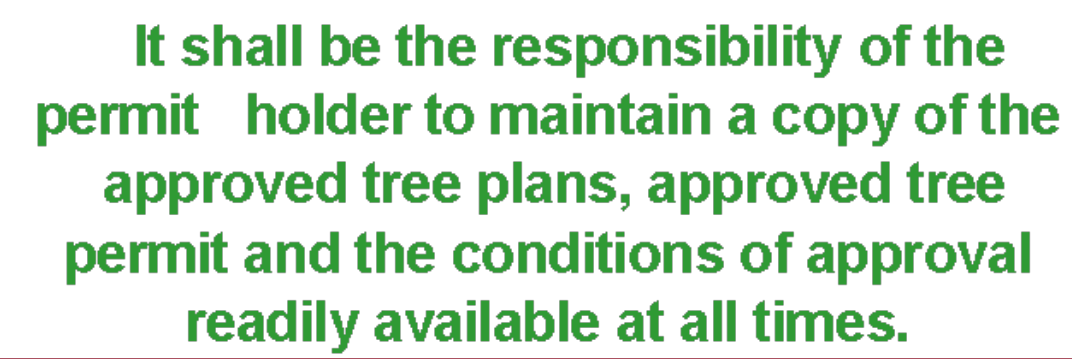
11/7/2024

CITY OF
SAN ANTONIO
— TEXAS —

ID: AEP24-38807163



JOB NO.: 390.001

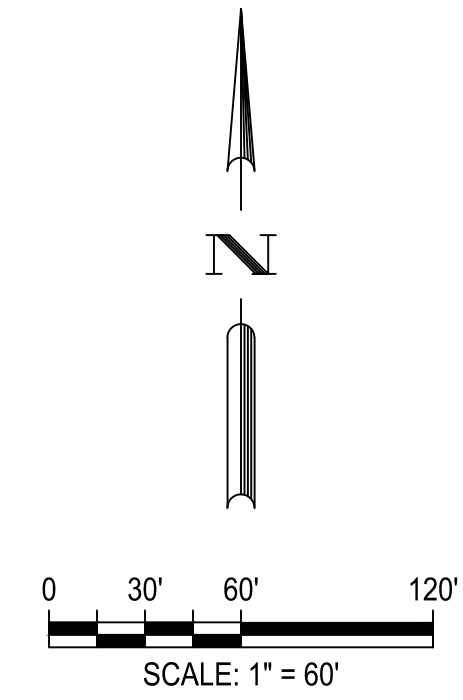


NUMBER
1800389

APR

DATE _____

DESCRIPTION



LEGEND

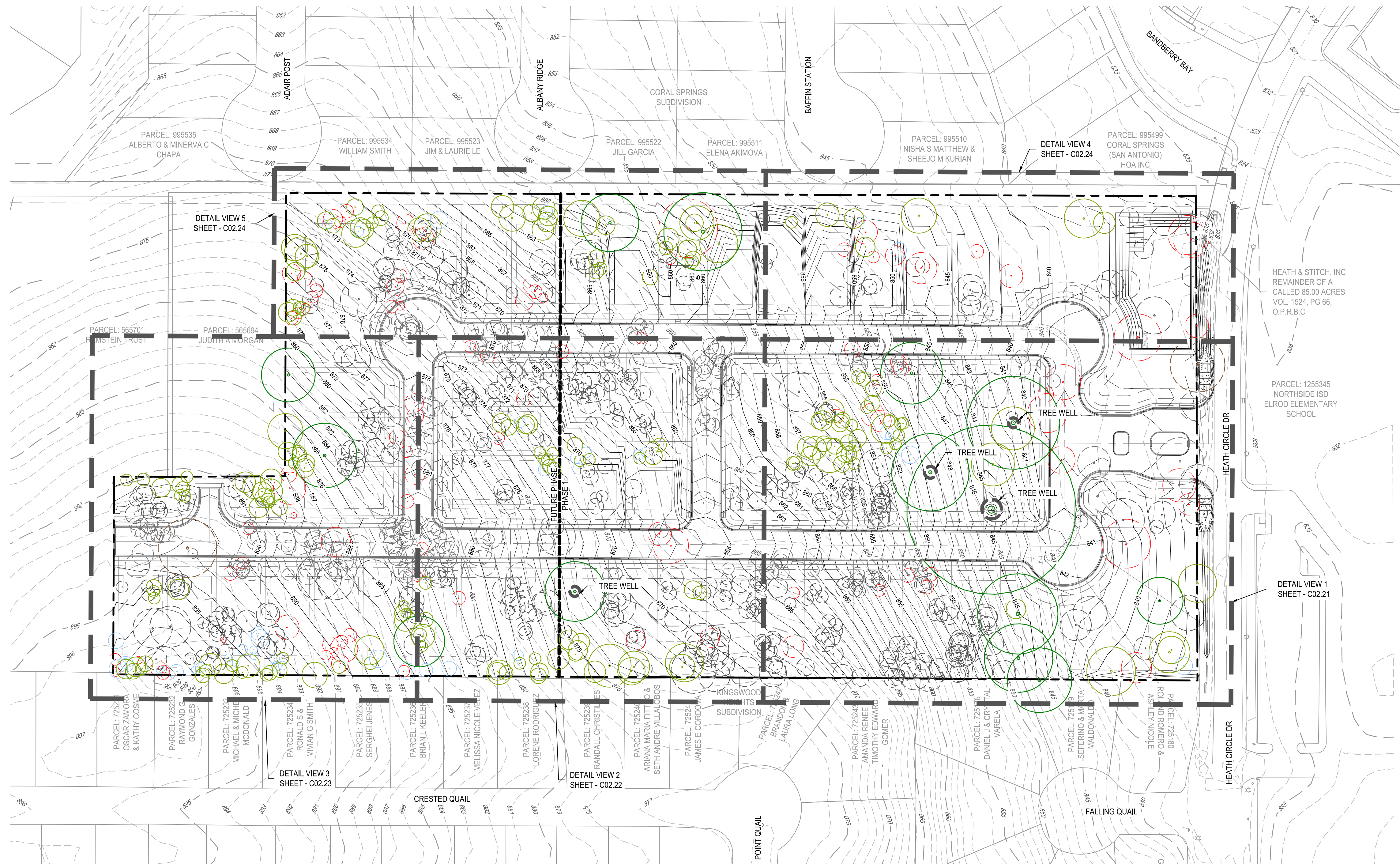
	PROPERTY BOUNDARY
	PHASE BOUNDARY
	PROPOSED LOT LINES
	PROPOSED EASEMENT
	LOT NUMBER
	PRESERVED HERITAGE TREE
	PRESERVED SIGNIFICANT TREE
	REMOVED SIGNIFICANT TREE
	EXEMPT - REMOVED HERITAGE TREE
	EXEMPT - REMOVED SIGNIFICANT TREE
	PRESERVED UNPROTECTED TREE
	REMOVED TREE IN POOR CONDITION
	REMOVED INVASIVE TREE

GENERAL NOTES

1. BEARING ORIENTATION IS BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE 4204, NAD-83. DISTANCES SHOWN ARE SURFACE VALUES.
2. NEW CONSTRUCTION (CLEARING, CUTTING, FILLING, TRENCHING, ETC.) SHALL TAKE PLACE WITHIN THE 1/2 ROOT PROTECTION ZONE (RPZ). CONTRACTOR TO ENSURE TREE PROTECTION FULLY ENCAPSULATES 1/2 RPZ AND SHALL NOTIFY TO OWNER/ENGINEER IMMEDIATELY IF THIS AREA IS ENCLOSED. PLEASE REFERENCE THE COSA TREE PRESERVATION AND PROTECTION DETAILS.
3. PLEASE SEE TREE MAN ASSESSMENT FROM 06-17-2024 FOR FURTHER INFORMATION.

MITIGATION NOTES

1. HOME BUILDER WILL BE REQUIRED TO PLANT 3 - 2" (MIN) CALIPER TREES WITH A SHADE VALUE OF 875 PER LOT. A TOTAL OF 192 TREES WILL BE PLANTED ON THE SITE BASED ON THE TABLE. LOTS 1-9 (BLOCK B) WILL HAVE ONE ADDITIONAL 2" TREE PLANTED (REFERENCE APPENDIX D FOR LIST OF APPROVED TREE SPECIES).
2. A TOTAL OF 200 MITIGATION INCHES WERE REQUIRED FROM THE SITE. 201 INCHES WILL BE MITIGATED BY PLANTING TREES.
3. TREE WELLS HAVE A MINIMUM SPACING OF 5' FROM THE TREE TRUNK.



NOT FOR CONSTRUCTION

HERON VALLEY PHASE 1

TREE PROTECTION PLAN

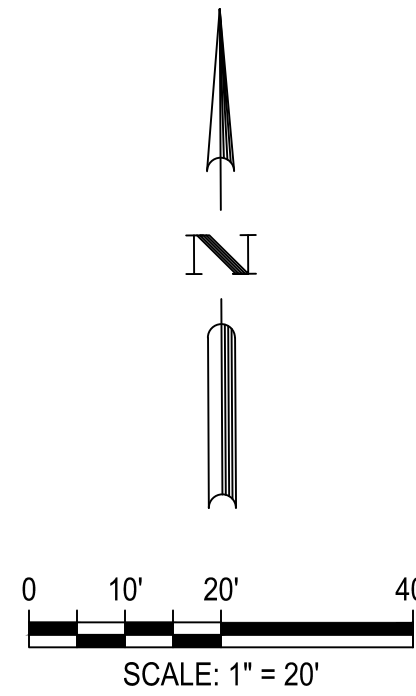
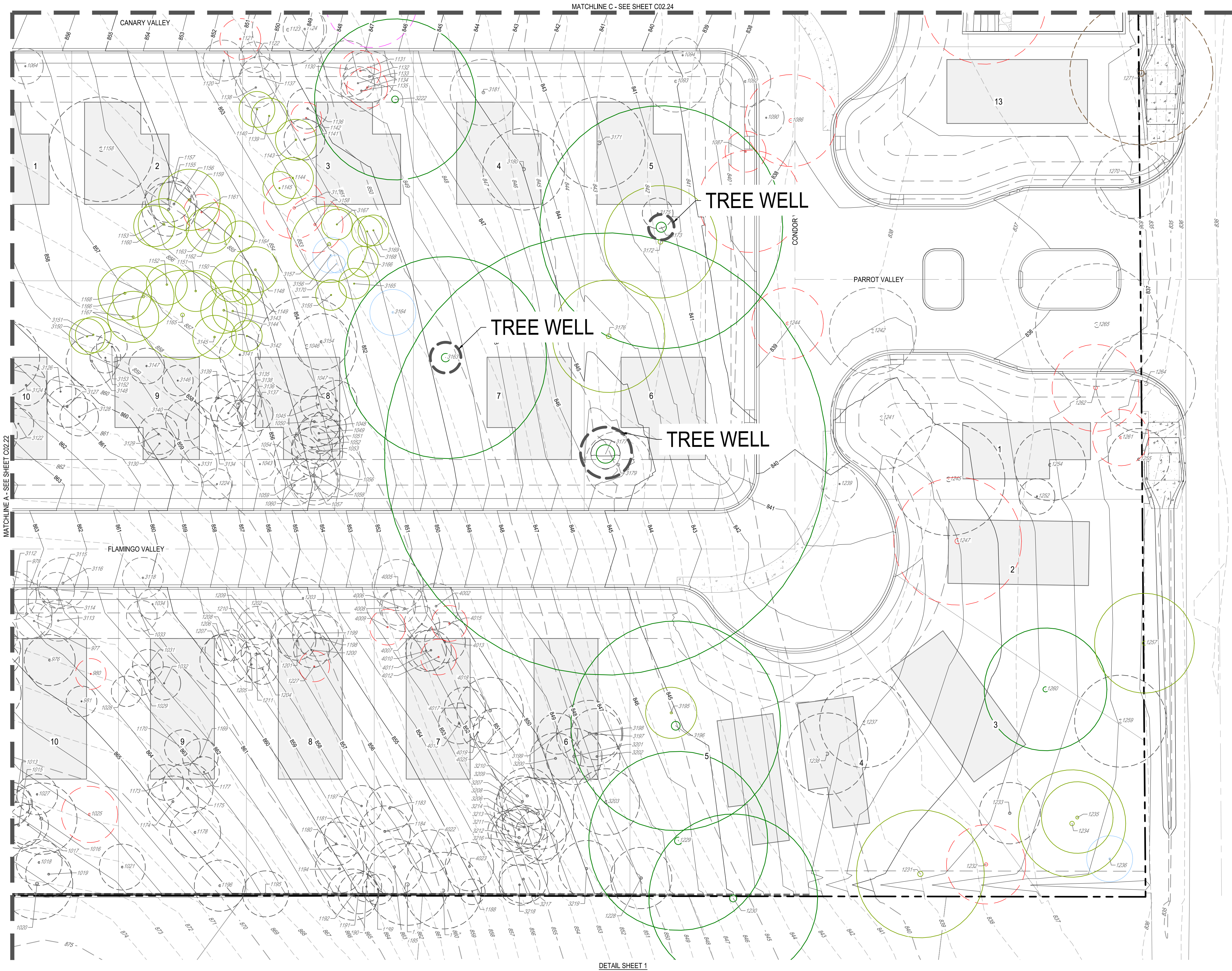
BGE, INC.
7330 San Pedro, Suite 202
San Antonio, TX 78216
TEL: 210-581-3600 www.browngay.com
TBPE Registration No. F-1046

BGE

DESIGNED BY:	JDC
REVIEWED BY:	OR
DRAWN BY:	JDC

G:\TXC\Projects\San Antonio Projects\12936-00 - Heron Valley\01_Unit 1\03_CADD\01_Shts\C02.70 TREE PROTECTION PLAN.dwg Layout: TREE PROTECTION PLAN Plotted: 10/29/2024 11:06:24 AM By: Calderon

G:\TxC\Projects\San Antonio Projects\2936-00 - Heron Valley\01_Unit\03_CADD\01_Shts\C02.70 TREE PROTECTION PLAN.dwg Layout: DETAILED TREE PROTECTION PLAN (SHEET 1 OF 4) Plotted: 10/29/2024 11:06:28 AM By: Calderon



- LEGEND
- PROPERTY BOUNDARY
 - PHASE BOUNDARY
 - PROPOSED LOT LINES
 - PROPOSED EASEMENT
 - LOT NUMBER
 - PRESERVED HERITAGE TREE
 - PRESERVED SIGNIFICANT TREE
 - REMOVED SIGNIFICANT TREE
 - EXEMPT - REMOVED HERITAGE TREE
 - EXEMPT - REMOVED SIGNIFICANT TREE
 - PRESERVED UNPROTECTED TREE
 - REMOVED TREE IN POOR CONDITION
 - REMOVED INVASIVE TREE

GENERAL NOTES

- BEARING ORIENTATION IS BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE 4204, NAD-83. DISTANCES SHOWN ARE SURFACE VALUES.
- NO CONSTRUCTION (CLEARING, CUTTING, FILLING, TRENCHING, ETC.) SHALL TAKE PLACE WITHIN THE 1/2 ROOT PROTECTION ZONE (RPZ). CONTRACTOR TO ENSURE TREE PROTECTION FULLY ENCAPSULATES 1/2 RPZ AND SHALL NOTIFY TO OWNER/ENGINEER IMMEDIATELY IF THIS AREA IS ENCROACHED. PLEASE REFERENCE THE COSA TREE PRESERVATION AND PROTECTION DETAILS.
- PLEASE SEE TREE MAN ASSESSMENT FROM 06-17-2024 FOR FURTHER INFORMATION.

MITIGATION NOTES

- HOME BUILDER WILL BE REQUIRED TO PLANT 3 - 2" (MIN) CALIPER TREES WITH A SHADE VALUE OF 875 PER LOT. A TOTAL OF 192 TREES WILL BE PLANTED ON THE SITE BASED ON THE TABLE. LOTS 1-9 (BLOCK B) WILL HAVE ONE ADDITIONAL 2" TREE PLANTED (REFERENCE APPENDIX D FOR LIST OF APPROVED TREE SPECIES).
- A TOTAL OF 200 MITIGATION INCHES WERE REQUIRED FROM THE SITE. 201 INCHES WILL BE MITIGATED BY PLANTING TREES.
- TREE WELLS HAVE A MINIMUM SPACING OF 5' FROM THE TREE TRUNK.

PLAT NUMBER
24-11800389

DATE	DESCRIPTION
APR	

DESIGNED BY:	JDC
REVIEWED BY:	OR
DRAWN BY:	JDC



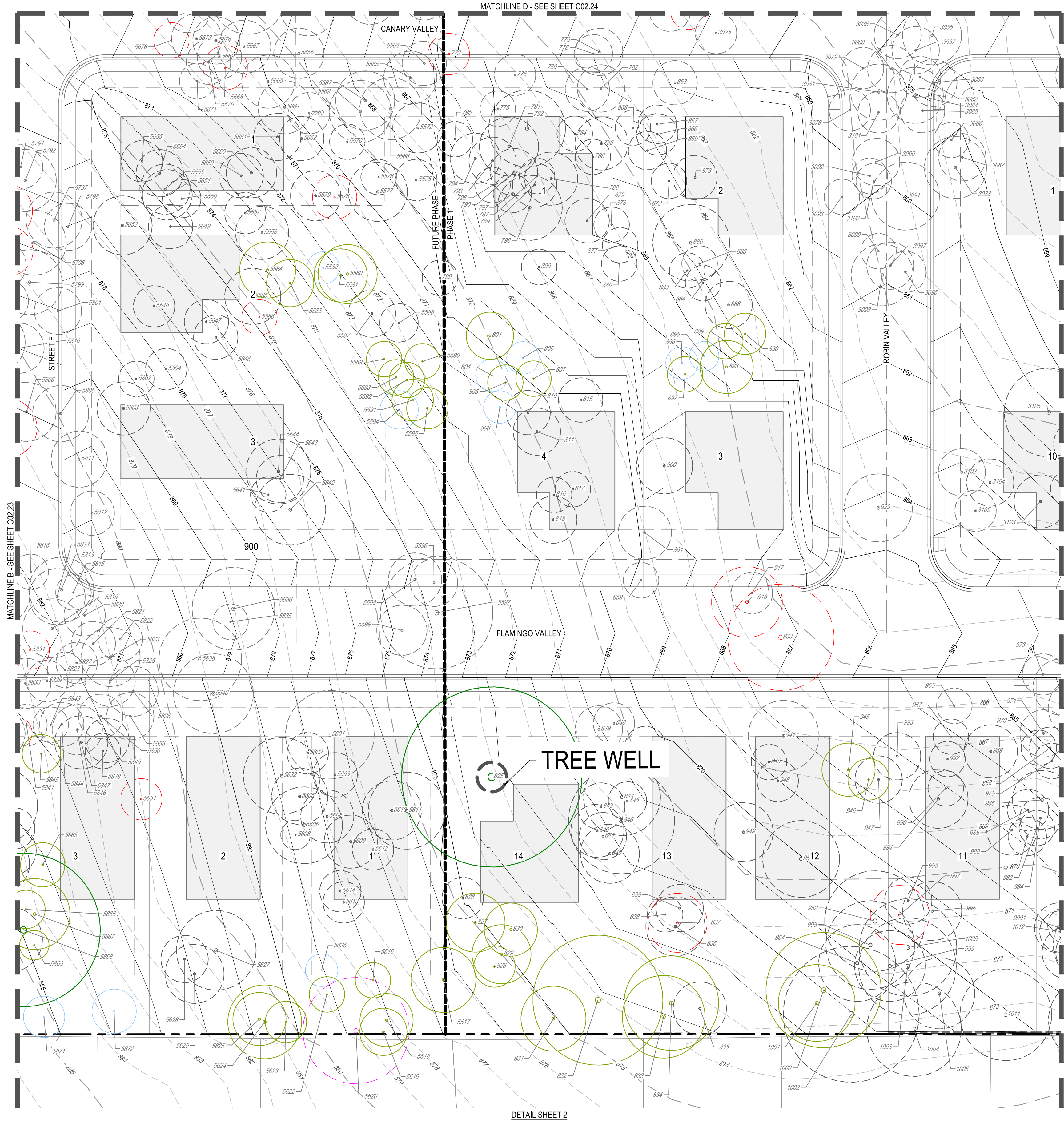
BGE, INC.
7330 San Pedro, Suite 202
San Antonio, TX 78216
TEL: 214-581-3380 www.bgeinc.com
TREE Registration No. T-1046

HERON VALLEY PHASE 1
DETAILED TREE PROTECTION PLAN
(SHEET 1 OF 4)

NOT FOR CONSTRUCTION

SHEET
C02.21

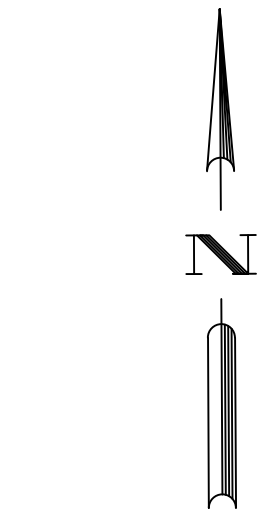
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DETAIL SHEET 2

PLAT NUMBER
24-11800389

DATE	DESCRIPTION
APR	



LEGEND

---	PROPERTY BOUNDARY
---	PHASE BOUNDARY
---	PROPOSED LOT LINES
---	PROPOSED EASEMENT
1	LOT NUMBER
○	PRESERVED HERITAGE TREE
○	PRESERVED SIGNIFICANT TREE
○	REMOVED SIGNIFICANT TREE
○	EXEMPT - REMOVED HERITAGE TREE
○	EXEMPT - REMOVED SIGNIFICANT TREE
○	PRESERVED UNPROTECTED TREE
○	REMOVED TREE IN POOR CONDITION
○	REMOVED INVASIVE TREE

GENERAL NOTES

- BEARING ORIENTATION IS BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE 4204, NAD-83. DISTANCES SHOWN ARE SURFACE VALUES.
- NO CONSTRUCTION (CLEARING, CUTTING, FILLING, TRENCHING, ETC.) SHALL TAKE PLACE WITHIN THE 1/2 ROOT PROTECTION ZONE (RPZ). CONTRACTOR TO ENSURE TREE PROTECTION FULLY ENCAPSULATES 1/2 RPZ AND SHALL NOTIFY TO OWNER/ENGINEER IMMEDIATELY IF THIS AREA IS ENCROACHED. PLEASE REFERENCE THE COSA TREE PRESERVATION AND PROTECTION DETAILS.
- PLEASE SEE TREE MAN ASSESSMENT FROM 06-17-2024 FOR FURTHER INFORMATION.

MITIGATION NOTES

- HOME BUILDER WILL BE REQUIRED TO PLANT 3 - 2" (MIN) CALIPER TREES WITH A SHADE VALUE OF 875 PER LOT. A TOTAL OF 192 TREES WILL BE PLANTED ON THE SITE BASED ON THE TABLE. LOTS 1-9 (BLOCK B) WILL HAVE ONE ADDITIONAL 2" TREE PLANTED (REFERENCE APPENDIX D FOR LIST OF APPROVED TREE SPECIES).
- A TOTAL OF 200 MITIGATION INCHES WERE REQUIRED FROM THE SITE. 201 INCHES WILL BE MITIGATED BY PLANTING TREES.
- TREE WELLS HAVE A MINIMUM SPACING OF 5' FROM THE TREE TRUNK.



BGE, INC.
7330 San Pedro, Suite 202
San Antonio, TX 78216
TEL: 210.581.5380 www.bgeinc.com
TREE Registration No. F-1045

HERON VALLEY PHASE 1

DETAILED TREE PROTECTION PLAN
(SHEET 2 OF 4)

NOT FOR CONSTRUCTION

SHEET
C02.22



BGE, INC.
7330 San Pedro, Suite 202
San Antonio, TX 78216
TEL: 210-581-3600 www.browning.com

HERON VALLEY PHASE 1

DETAILED TREE PROTECTION PLAN
(SHEET 4 OF 4)

NOT FOR CONSTRUCTION

SHEET
C02.24



LEGEND

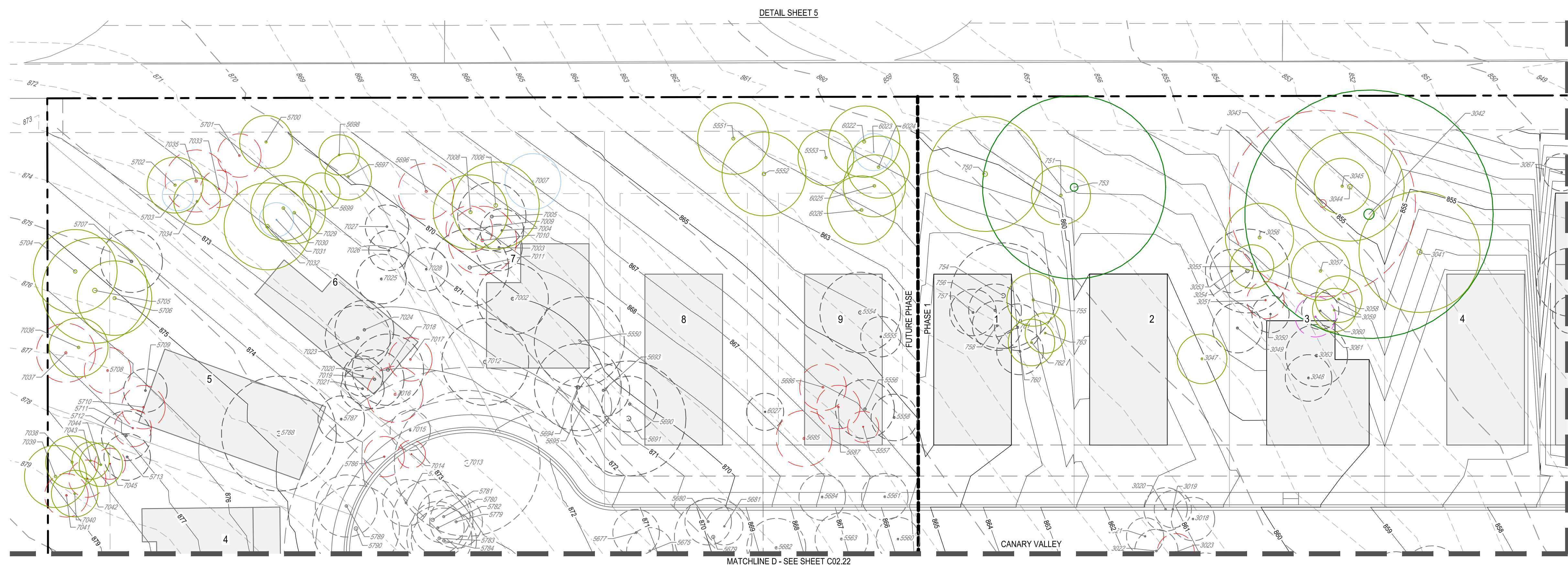
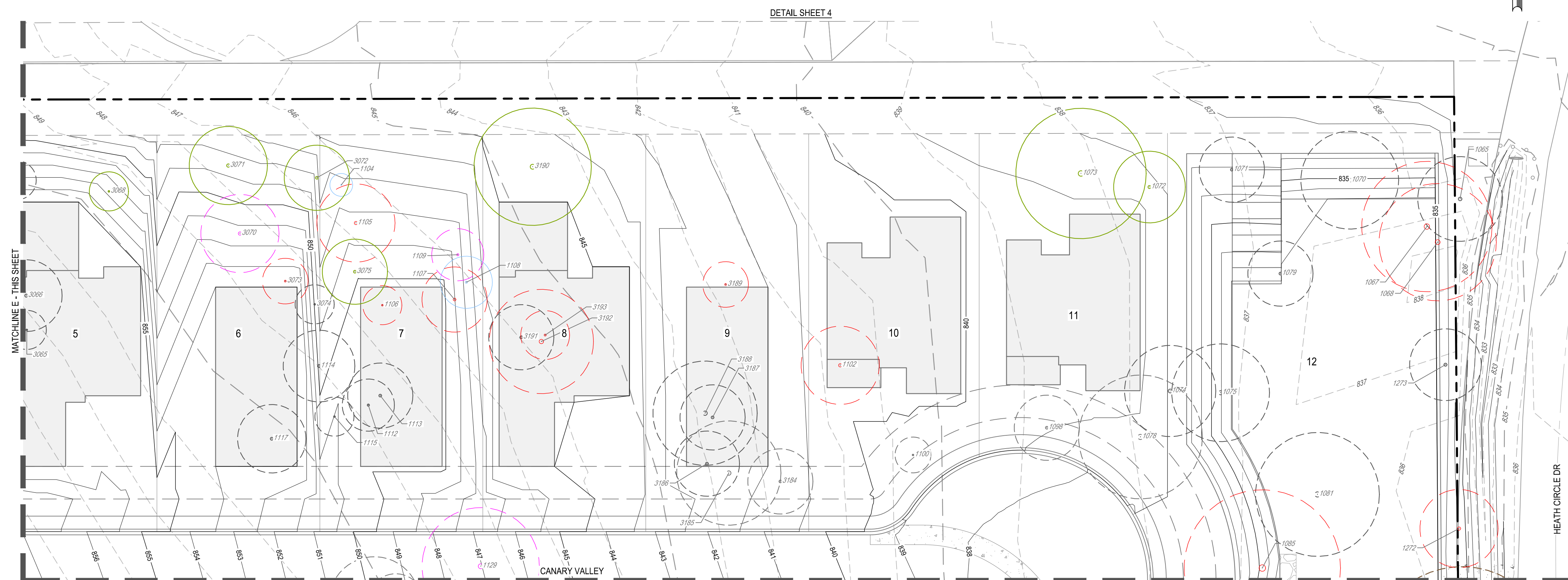
- | | |
|---|-----------------------------------|
|  | PROPERTY BOUNDARY |
|  | PHASE BOUNDARY |
|  | PROPOSED LOT LINES |
|  | PROPOSED EASEMENT |
|  | LOT NUMBER |
|  | PRESERVED HERITAGE TREE |
|  | PRESERVED SIGNIFICANT TREE |
|  | REMOVED SIGNIFICANT TREE |
|  | EXEMPT - REMOVED HERITAGE TREE |
|  | EXEMPT - REMOVED SIGNIFICANT TREE |
|  | PRESERVED UNPROTECTED TREE |
|  | REMOVED TREE IN POOR CONDITION |
|  | REMOVED INVASIVE TREE |

GENERAL NOTES

1. BEARING ORIENTATION IS BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE 4204, NAD-83. DISTANCES SHOWN ARE SURFACE VALUES.
2. NO CONSTRUCTION (CLEARING, CUTTING, FILLING, TRENCHING, ETC.) SHALL TAKE PLACE WITHIN THE 12-FOOT PROTECTION LINE (RPZ). CONTRACTOR TO ENSURE TREE PROTECTION FULLY ENCAPSULATES 12' RPZ AND SHALL NOTIFY TO OWNER/ENGINEER IMMEDIATELY IF THIS AREA IS ENCLOSED. PLEASE REFERENCE THE COSA TREE PRESERVATION AND PROTECTION DETAILS.
3. PLEASE SEE TREE MAN ASSESSMENT FROM 06-17-2024 FOR FURTHER INFORMATION.

MITIGATION NOTES

1. HOME BUILDER WILL BE REQUIRED TO PLANT 3 - 2" (MIN) CALIPER TREES WITH A SHADE, ALL 18" DBH, LOT A TOTAL OF 19 TREES WILL BE PLANTED ON THE SITE BASED ON THE TABLE 1-9 (BLOCK B) WE WILL HAVE ONE ADDITIONAL 2" TREE PLANTED (REFERENCE APPENDIX D FOR LIST OF APPROVED TREE SPECIES).
2. A TOTAL OF 200 MITIGATION INCHES WERE REQUIRED FROM THE SITE. 201 INCHES WILL BE MITIGATED BY PLANTING TREES.
3. TREE WELLS HAVE A MINIMUM SPACING OF 5' FROM THE TREE TRUNK.



TREE TABLE		
POINT	DBH	SPECIES
750	18.5	LIVE OAK
751	9.5	LIVE OAK
753	39	LIVE OAK
754	17	LIVE OAK
755	8.5	LIVE OAK
756	8.5	LIVE OAK
757	7.5	LIVE OAK
758	8	LIVE OAK
760	7.5	LIVE OAK
761	7.5	LIVE OAK
762	7.5	LIVE OAK
763	6.5	LIVE OAK
772	7	LIVE OAK
775	6	LIVE OAK
776	7	LIVE OAK
778	6.5	LIVE OAK
779	8	LIVE OAK
780	7.5	LIVE OAK
782	8	LIVE OAK
784	6	LIVE OAK
785	9	LIVE OAK
786	6	LIVE OAK
787	6	LIVE OAK
788	9	LIVE OAK
789	7.5	LIVE OAK
790	8	LIVE OAK
791	10	LIVE OAK
792	13	ASHE JUNIPER
793	8	LIVE OAK
794	8.5	LIVE OAK
795	6	LIVE OAK
796	6	LIVE OAK
797	6.5	LIVE OAK
798	11	LIVE OAK
799	6	LIVE OAK
800	6	LIVE OAK
801	8	LIVE OAK
804	5.5	LIVE OAK
805	6	LIVE OAK
806	5.5	LIVE OAK
807	6	LIVE OAK
808	5.5	LIVE OAK
810	7.5	LIVE OAK
811	8	LIVE OAK
815	7.5	LIVE OAK
816	6	LIVE OAK
817	6	LIVE OAK
818	8	LIVE OAK
825	30.5	LIVE OAK
826	7	LIVE OAK
827	10	LIVE OAK
828	7	LIVE OAK
829	10	LIVE OAK
830	9	LIVE OAK
831	11	LIVE OAK
832	22	LIVE OAK
833	14	LIVE OAK
834	16	LIVE OAK
835	9	ELM
836	10	LIVE OAK
837	10	HACKBERRY
838	6	ELM
839	8	LIVE OAK
840	10	ASHE JUNIPER
841	8	LIVE OAK
842	9	LIVE OAK
843	8	LIVE OAK
844	13	LIVE OAK
845	6.5	LIVE OAK
846	18	LIVE OAK
847	7	LIVE OAK
848	7	LIVE OAK
849	8	LIVE OAK
859	6	LIVE OAK
861	9	LIVE OAK
863	7.5	LIVE OAK
866	7	LIVE OAK
867	6.5	LIVE OAK
868	6	LIVE OAK
869	6.5	LIVE OAK
872	6	LIVE OAK
873	7.5	LIVE OAK
877	6	LIVE OAK
878	6	LIVE OAK
879	7.5	LIVE OAK
880	6	LIVE OAK
883	6	LIVE OAK
884	6	LIVE OAK
885	6	LIVE OAK
886	13	ASHE JUNIPER
888	8	LIVE OAK
889	6	LIVE OAK
890	7	LIVE OAK
893	9	LIVE OAK
895	5	LIVE OAK
896	5.5	LIVE OAK
897	6	LIVE OAK
900	9.5	LIVE OAK
917	7	LIVE OAK
918	12	ASHE JUNIPER
923	11.5	LIVE OAK
933	18	LIVE OAK

TREE TABLE		
POINT	DBH	SPECIES
940	6	LIVE OAK
941	12	LIVE OAK
945	9	LIVE OAK
946	7	LIVE OAK
947	8	LIVE OAK
948	7	LIVE OAK
949	10	ASHE JUNIPER
951	13	ELM
952	17	LIVE OAK
954	13	LIVE OAK
965	6	LIVE OAK
967	6	LIVE OAK
969	9	LIVE OAK
970	6	LIVE OAK
971	8	LIVE OAK
973	7	LIVE OAK
974	7	LIVE OAK
975	6	LIVE OAK
976	10	LIVE OAK
977	7	LIVE OAK
978	10	ASHE JUNIPER
980	8	LIVE OAK
981	6	LIVE OAK
982	6	LIVE OAK
984	7	LIVE OAK
985	7	LIVE OAK
986	10	LIVE OAK
987	6.5	ELM
988	8.5	LIVE OAK
990	6	LIVE OAK
992	6	LIVE OAK
993	8	LIVE OAK
994	10	ASHE JUNIPER
995	8	ELM
996	10	LIVE OAK
997	10	LIVE OAK
998	15	LIVE OAK
999	12	LIVE OAK
1000	19.5	LIVE OAK
1001	13	LIVE OAK
1002	23	LIVE OAK
1003	16.5	LIVE OAK
1004	16	LIVE OAK
1005	16.5	LIVE OAK
1006	12	LIVE OAK
1011	15.5	LIVE OAK
1012	7	LIVE OAK
1013	6	LIVE OAK
1015	9	LIVE OAK
1016	14	LIVE OAK
1017	8	LIVE OAK
1018	9	LIVE OAK
1019	9	LIVE OAK
1020	14	LIVE OAK
1021	9	ELM
1025	11	ASHE JUNIPER
1027	8	LIVE OAK
1028	6	LIVE OAK
1029	6	LIVE OAK
1031	6	LIVE OAK
1032	6.5	LIVE OAK
1033	6	LIVE OAK
1034	6	LIVE OAK
1043	6	LIVE OAK
1045	7	LIVE OAK
1046	19.5	LIVE OAK
1047	8	LIVE OAK
1048	7	LIVE OAK
1049	8	LIVE OAK
1050	10	LIVE OAK
1051	9.5	LIVE OAK
1052	8	LIVE OAK
1053	10	LIVE OAK
1054	9	LIVE OAK
1056	9	LIVE OAK
1057	9	LIVE OAK
1058	10	LIVE OAK
1059	7	LIVE OAK
1060	8	LIVE OAK
1064	7	ELM
1065	13	HACKBERRY
1067	20	MESQUITE
1068	18	HUISACHE
1070	15	MESQUITE
1071	10	MESQUITE
1072	11	MESQUITE
1073	20	MESQUITE
1074	14	MESQUITE
1075	15	MESQUITE
1078	19	MESQUITE
1079	10	MESQUITE
1081	19	MESQUITE
1085	24	MESQUITE
1086	18	HACKBERRY
1087	8	MESQUITE
1088	20	HACKBERRY
1090	7	TX PERSIMMON
1092	10	MESQUITE
1093	12	MESQUITE
1094	7	TX PERSIMMON
1098	10	MESQUITE
1100	5.5	TX PERSIMMON
1102	12	MESQUITE

TREE TABLE		
POINT	DBH	SPECIES
1104	3.5	TX PERSIMMON
1105	12	MESQUITE
1106	6	MESQUITE
1107	10	MESQUITE
1108	8	HACKBERRY
1109	8	LIGUSTRUM
1112	8	ELM
1113	10	ELM
1114	11	ASHE JUNIPER
1115	6	ELM
1117	10.5	ASHE JUNIPER
1120	8	LIVE OAK
1121	8	LIVE OAK
1122	6	ELM
1123	14	HACKBERRY
1124	8.5	ELM
1129	18	CHINABERRY
1130	11	MESQUITE
1131	8	LIVE OAK
1132	10	LIVE OAK
1133	6.5	LIVE OAK
1134	8	HACKBERRY
1135	7	LIVE OAK
1136	8	LIVE OAK
1137	8	LIVE OAK
1138	8	LIVE OAK
1139	7	LIVE OAK
1140	7	LIVE OAK
1141	8	LIVE OAK
1142	8	LIVE OAK
1143	8	LIVE OAK
1144	8	ELM
1145	6.5	LIVE OAK
1148	9	LIVE OAK
1149	6	LIVE OAK
1150	8	LIVE OAK
1151	8	LIVE OAK
1152	8	LIVE OAK
1153	8	LIVE OAK
1155	10.5	LIVE OAK
1156	9	LIVE OAK
1157	9	LIVE OAK
1158	20.5	LIVE OAK
1159	12	ASHE JUNIPER
1160	10	LIVE OAK
1161	7	LIVE OAK
1162	8	LIVE OAK
1163	9	LIVE OAK
1164	6	LIVE OAK
1165	17.5	LIVE OAK
1166	12	LIVE OAK
1167	10	LIVE OAK
1168	10.5	LIVE OAK
1169	7	LIVE OAK
1170	7	LIVE OAK
1173	7	LIVE OAK
1174	12.5	LIVE OAK
1175	10	ASHE JUNIPER
1177	6	LIVE OAK
1178	10	LIVE OAK
1180	8.5	LIVE OAK
1181	8	LIVE OAK
1183	9	LIVE OAK
1184	10	LIVE OAK
1185	11	LIVE OAK
1186	16	LIVE OAK
1187	15	LIVE OAK
1188	5	TX PERSIMMON
1189	6	LIVE OAK
1190	6	LIVE OAK
1191	8	LIVE OAK
1192	10	LIVE OAK
1194	9.5	LIVE OAK
1195	9	LIVE OAK
1196	10	LIVE OAK
1197	8	LIVE OAK
1198	9	LIVE OAK
1199	9	LIVE OAK
1200	7	LIVE OAK
1201	7.5	LIVE OAK
1202	8.5	LIVE OAK
1203	8	LIVE OAK
1204	6	LIVE OAK
1205	7	LIVE OAK
1206	10	ASHE JUNIPER
1207	6	LIVE OAK
1208	6	LIVE OAK
1209	7.5	LIVE OAK
1210	6.5	LIVE OAK
1211	6	LIVE OAK
1224	6	LIVE OAK
1227	6	LIVE OAK
1228	12	LIVE OAK
1229	35	LIVE OAK
1230	33	LIVE OAK
1231	17.5	HACKBERRY
1232	15.5	MESQUITE
1233	14.5	MESQUITE
1234	21	MESQUITE
1235	14	HACKBERRY
1236	9	MESQUITE
1237	17.5	LIVE OAK
1238	16	LIVE OAK

TREE TABLE		
POINT	DBH	SPECIES
1239	7	TX PERSIMMON
1241	20	MESQUITE
1242	17	MESQUITE
1244	14	MESQUITE
1245	22	MESQUITE
1247	25	MESQUITE
1252	7	TX PERSIMMON
1254	14	MESQUITE
1255	12	MESQUITE
1257	19.5	LIVE OAK
1259	18	MESQUITE
1260	24	MESQUITE
1261	11	MESQUITE
1262	17	MESQUITE
1264	19.5	MESQUITE
1265	16.5	MESQUITE
1270	14.5	MESQUITE
1271	28	MESQUITE
1272	12	MESQUITE
1273	11	MESQUITE
3018	7	LIVE OAK
3019	6	LIVE OAK
3020	6.5	LIVE OAK
3021	6	LIVE OAK
3022	7	LIVE OAK
3023	6	LIVE OAK
3025	7	LIVE OAK
3035	10	LIVE OAK
3036	8	LIVE OAK
3037	8	LIVE OAK
3041	19.5	LIVE OAK
3042	40	LIVE OAK
3043	30	LIVE OAK
3044	17.5	LIVE OAK
3045	9	LIVE OAK
3047	8	LIVE OAK
3048	7.5	LIVE OAK
3049	8	LIVE OAK
3050	6	LIVE OAK
3051	8	LIVE OAK
3053	7	LIVE OAK
3054	13.5	ASHE JUNIPER
3055	7	LIVE OAK
3056	11	LIVE OAK
3057	9.5	LIVE OAK
3058	7.5	LIVE OAK
3059	7	LIVE OAK
3060	6	LIVE OAK
3061	6.5	LIGUSTRUM
3063	10	LIVE OAK
3065	6	GUM BUMELIA
3066	11	ASHE JUNIPER
3067	6	ELM
3068	6	ELM
3070	12	LIGUSTRUM
3071	12	ASHE JUNIPER
3072	10	ASHE JUNIPER
3073	7	HACKBERRY
3074	6	TX PERSIMMON
3075	10	HACKBERRY
3078	7	LIVE OAK
3079	7	LIVE OAK
3080	8	LIVE OAK
3081	9.5	ELM
3082	7	LIVE OAK
3083	8	LIVE OAK
3084	9.5	LIVE OAK
3085	7.5	LIVE OAK
3086	6	LIVE OAK
3087	8	LIVE OAK
3088	10.5	LIVE OAK
3090	8	LIVE OAK
3091	11.5	LIVE OAK
3092	6	LIVE OAK
3093	6	LIVE OAK
3096	7	LIVE OAK
3097	8	LIVE OAK
3098	10.5	LIVE OAK
3099	8	LIVE OAK
3100	6	ELM
3101	7	LIVE OAK
3102	8	LIVE OAK
3104	8	LIVE OAK
3105	7	LIVE OAK
3112	9.5	LIVE OAK
3113	8	LIVE OAK
3114	6	LIVE OAK
3115	7	LIVE OAK
3116	10	LIVE OAK
3118	8	LIVE OAK
3122	6	LIVE OAK
3123	9	LIVE OAK
3124	8	LIVE OAK
3125	15	LIVE OAK
3126	6	LIVE OAK
3127	8	LIVE OAK
3128	7.5	LIVE OAK
3129	8	LIVE OAK
3130	6	LIVE OAK
3131	7	LIVE OAK
3134	11	LIVE OAK
3135	7	LIVE OAK
3136	9	LIVE OAK

TREE TABLE		
POINT	DBH	SPECIES
3137	7	LIVE OAK
3138	9	LIVE OAK
3139	9	LIVE OAK
3140	8	LIVE OAK
3141	8	LIVE OAK
3142	6	LIVE OAK
3143	8	LIVE OAK
3144	9	LIVE OAK
3145	8.5	LIVE OAK
3146	6	LIVE OAK
3147	7	LIVE OAK
3148	10	LIVE OAK
3150	7	LIVE OAK
3151	7	LIVE OAK
3152	6	LIVE OAK
3153	6	ELM
3154	11	LIVE OAK
3155	6	LIVE OAK
3156	7	HACKBERRY
3157	15	LIVE OAK
3158	11	LIVE OAK
3159	12	LIVE OAK
3163	39.5	LIVE OAK
3164	9	HACKBERRY
3165	6	TX PERSIMMON
3166	6	LIVE OAK
3167	6	LIVE OAK
3168	6	LIVE OAK
3169	6	LIVE OAK
3170	3.5	TX PERSIMMON
3171	18	HACKBERRY
3172	22	LIVE OAK
3173	47.5	LIVE OAK
3175	6	LIVE OAK
3176	22	LIVE OAK
3177	86.5	LIVE OAK
3179	13	ELM
3180	16	HACKBERRY
3181	13	HACKBERRY
3184	10	HACKBERRY
3185	16	HACKBERRY
3186	10	HACKBERRY
3187	10	HACKBERRY
3188	16	HACKBERRY
3189	7	PINE
3190	18	ASHE JUNIPER
3191	10.5	ASHE JUNIPER
3192	15	HACKBERRY
3193	7.5	MESQUITE
3195	10	HACKBERRY
3196	41	LIVE OAK
3197	10	LIVE OAK
3198	13	LIVE OAK
3199	8	LIVE OAK
3200	10	LIVE OAK
3201	11	HACKBERRY
3202	9	LIVE OAK
3203	13	HACKBERRY
3206	10	LIVE OAK
3207	14	LIVE OAK
3208	13	LIVE OAK
3209	10	LIVE OAK
3210	11	LIVE OAK
3211	8	LIVE OAK
3212	11	LIVE OAK
3213	9	LIVE OAK
3214	8.5	LIVE OAK
3216	7	LIVE OAK
3217	9.5	LIVE OAK
3218	8	LIVE OAK
3219	11	LIVE OAK
3222	31.5	LIVE OAK
4002	9	LIVE OAK
4005	10	LIVE OAK
4006	9	LIVE OAK
4007	7	LIVE OAK
4008	7	LIVE OAK
4009	7	LIVE OAK
4010	8	LIVE OAK
4011	8	LIVE OAK
4012	7	LIVE OAK
4013	8	LIVE OAK
4015	7	LIVE OAK
4016	8	LIVE OAK
4017	8	LIVE OAK
4018	13	LIVE OAK
4019	6	LIVE OAK
4022	8.5	LIVE OAK
4023	9.5	LIVE OAK
4025	9	LIVE OAK
5550	14.5	LIVE OAK
5551	11.5	LIVE OAK
5552	13.5	LIVE OAK
5553	9	LIVE OAK
5554	13	ASHE JUNIPER
5555	6.5	LIVE OAK
5556	9.5	LIVE OAK
5557	5	LIVE OAK
5558	7.5	LIVE OAK
5560	7	LIVE OAK
5561	7.5	LIVE OAK
5563	8.5	LIVE OAK
5564	7.5	LIVE OAK

TREE TABLE		
POINT	DBH	SPECIES
5864	11	LIVE OAK
5865	7.5	LIVE OAK
5866	6.5	TX PERSIMMON
5867	12	LIVE OAK
5868	26	LIVE OAK
5869	5	TX PERSIMMON
5870	11	LIVE OAK
5871	7	HACKBERRY
5872	7.5	ASHE JUNIPER
5873	8.5	HACKBERRY
5874	6	HACKBERRY
5875	9	ASHE JUNIPER
5876	6.5	LIVE OAK
5877	15	ASHE JUNIPER
5879	19	LIVE OAK
5881	7	LIVE OAK
5882	9.5	LIVE OAK
5883	8.5	LIVE OAK
5884	9.5	LIVE OAK
5885	8	LIVE OAK
5886	8	LIVE OAK
5887	7.5	LIVE OAK
5888	9	LIVE OAK
5889	9	LIVE OAK
5890	8	LIVE OAK
5891	9.5	LIVE OAK
5892	8	LIVE OAK
5893	7	LIVE OAK
5898	9	LIVE OAK
5899	6.5	LIVE OAK
5900	8	LIVE OAK
5901	10.5	LIVE OAK
5902	9.5	LIVE OAK
5903	10	LIVE OAK
5904	12	LIVE OAK
5905	7.5	LIVE OAK
5906	10	LIVE OAK
5907	8	LIVE OAK
5908	9.5	LIVE OAK
5909	8.5	LIVE OAK
5910	9.5	LIVE OAK
5911	7.5	LIVE OAK
5912	8.5	LIVE OAK
5913	11	LIVE OAK
5914	10.5	LIVE OAK
5915	10	LIVE OAK
5916	15	ASHE JUNIPER
5917	11	ASHE JUNIPER
5918	7.5	LIVE OAK
5920	33	LIVE OAK
5921	9	LIVE OAK
5922	9.5	LIVE OAK
5923	13	LIVE OAK
5924	9	LIVE OAK
5925	9.5	LIVE OAK
5926	6.5	LIVE OAK
5927	14	LIVE OAK
5928	11	LIVE OAK
5929	15	LIVE OAK
5931	8	LIVE OAK
5932	13.5	LIVE OAK
5933	8	ELM
5934	10	LIVE OAK
5935	10	LIVE OAK
5936	13	LIVE OAK
5937	7.5	ELM
5941	14	LIVE OAK
5944	8	LIVE OAK
5945	10	LIVE OAK
5946	10	LIVE OAK
5947	23	LIVE OAK
5949	7	LIVE OAK
5950	19	LIVE OAK
5951	8	LIVE OAK
5952	14	HACKBERRY
5953	6	LIVE OAK
5955	7	LIVE OAK
5956	5	LIVE OAK
5957	5	LIVE OAK
5958	9	LIVE OAK
5959	6.5	LIVE OAK
5960	13	LIVE OAK
5961	7.5	LIVE OAK
5962	4.5	LIVE OAK
5963	5	LIVE OAK
5964	6	LIVE OAK
5965	5	LIVE OAK
5966	10	LIVE OAK
5967	7.5	LIVE OAK
5968	6.5	LIVE OAK
5969	10	LIVE OAK
5970	6	LIVE OAK
5971	9	ASHE JUNIPER
5973	11	LIVE OAK
5974	8	LIVE OAK
5976	12.5	ASHE JUNIPER
5978	12	LIVE OAK
5979	8	LIVE OAK
5981	7	ASHE JUNIPER
5984	6	LIVE OAK
5985	11	LIVE OAK
5986	10	LIVE OAK
5987	7.5	LIVE OAK

TREE TABLE		
POINT	DBH	SPECIES
5988	5	LIVE OAK
5990	8	LIVE OAK
5991	8	LIVE OAK
5992	6	LIVE OAK
5993	6	TX PERSIMMON
5994	10	LIVE OAK
5995	10	LIVE OAK
5996	12.5	LIVE OAK
5997	11	LIVE OAK
5999	9	LIVE OAK
6022	11.5	LIVE OAK
6023	6	HACKBERRY
6024	10	LIVE OAK
6025	10	LIVE OAK
6026	11	LIVE OAK
6027	6	LIVE OAK
7002	11.5	LIVE OAK
7003	7.5	LIVE OAK
7004	7	LIVE OAK
7005	11	LIVE OAK
7006	14	LIVE OAK
7007	9	ASHE JUNIPER
7008	12	LIVE OAK
7009	7.5	LIVE OAK
7010	11	LIVE OAK
7011	12.5	LIVE OAK
7012	14	LIVE OAK
7013	23.5	LIVE OAK
7014	4.5	LIVE OAK
7015	6.5	LIVE OAK
7016	9	LIVE OAK
7017	7	LIVE OAK
7018	11.5	LIVE OAK
7019	9.5	LIVE OAK
7020	6.5	LIVE OAK
7021	7	LIVE OAK
7023	10.5	LIVE OAK
7024	9.5	LIVE OAK
7025	8	LIVE OAK
7026	6.5	LIVE OAK
7027	7	LIVE OAK
7028	7	ELM
7029	10	LIVE OAK
7030	10.5	LIVE OAK
7031	5.5	LIVE OAK
7032	12.5	LIVE OAK
7033	6	LIVE OAK
7034	7.5	LIVE OAK
7035	10	HACKBERRY
7036	9.5	LIVE OAK
7037	9.5	LIVE OAK
7038	8.5	LIVE OAK
7039	10	LIVE OAK
7040	7.5	LIVE OAK
7041	7	LIVE OAK
7042	6	LIVE OAK
7043	6	LIVE OAK
7044	7	LIVE OAK
7045	5	LIVE OAK
7046	16.5	MESQUITE
7047	6	LIVE OAK
7048	7.5	LIVE OAK
7049	6	LIVE OAK
7050	9.5	LIVE OAK
7051	18	LIVE OAK
7053	27.5	LIVE OAK
7054	12	LIVE OAK
7055	10	LIVE OAK
7056	10.5	LIVE OAK
7057	12	LIVE OAK
7058	12.5	LIVE OAK
7059	11	LIVE OAK
7060	6	LIVE OAK
7061	7	LIVE OAK
7062	8	LIVE OAK
7063	10	LIVE OAK
7064	7	LIVE OAK
7066	9	LIVE OAK
7067	6	LIVE OAK
7068	8	LIVE OAK
7070	7	LIVE OAK
7071	9	LIVE OAK
7072	9	LIVE OAK
7073	10.5	LIVE OAK
7074	6	LIVE OAK
7076	7	LIVE OAK
7081	7	LIVE OAK
7082	6.5	LIVE OAK
7083	6	LIVE OAK
7084	7.5	LIVE OAK
7085	6	LIVE OAK
7088	11	ASHE JUNIPER
7089	6	LIVE OAK
7090	8	LIVE OAK
7091	7	LIVE OAK
7093	3	LIVE OAK
7095	7.5	LIVE OAK
7096	4	LIVE OAK
7097	5	LIVE OAK
7098	4	TX PERSIMMON
7099	4	TX PERSIMMON
7100	12	LIVE OAK
7101	6	LIVE OAK

TREE TABLE		
POINT	DBH	SPECIES
7102	3.5	TX PERSIMMON
7103	6	LIVE OAK
7104	10	LIVE OAK
7105	6.5	LIVE OAK
7107	6	LIVE OAK
7108	6	LIVE OAK
7110	11.5	LIVE OAK
7111	6.5	ELM
7112	5	LIVE OAK
7113	7.5	LIVE OAK
7114	4	LIVE OAK
7115	6	LIVE OAK
7116	6	LIVE OAK
7117	7.5	HACKBERRY
7118	7	MESQUITE
7119	4	TX PERSIMMON
7120	8	LIVE OAK
7121	21	LIVE OAK
7123	20	LIVE OAK
7124	10.5	LIVE OAK
7125	10	LIVE OAK
7126	11	LIVE OAK
7127	9.5	LIVE OAK
7128	10	LIVE OAK
7131	12.5	LIVE OAK
7134	30	LIVE OAK
7135	5	TX PERSIMMON
7136	6	LIVE OAK
7137	7.5	LIVE OAK
7138	7.5	LIVE OAK
7139	6	LIVE OAK
7140	6	LIVE OAK
7141	7	LIVE OAK
7142	8	LIVE OAK
7143	6	LIVE OAK
7145	9.5	LIVE OAK
7149	5	TX PERSIMMON
7150	8	LIVE OAK
7151	7.5	LIVE OAK
7153	10	LIVE OAK
7154	10	LIVE OAK
7155	7	LIVE OAK
7156	6.5	TX PERSIMMON
7157	6	LIVE OAK
7158	9.5	LIVE OAK
7159	8	LIVE OAK
7160	8	LIVE OAK
7161	6	LIVE OAK
7162	9	LIVE OAK
7163	6	LIVE OAK
7164	8.5	TX PERSIMMON
7165	6	LIVE OAK
7166	9	LIVE OAK
7167	5	TX PERSIMMON
7168	8	LIVE OAK
7169	6.5	LIVE OAK
7171	8	LIVE OAK
7172	10.5	LIVE OAK
7173	10	LIVE OAK
7176	11	LIVE OAK
7177	12.5	LIVE OAK
7178	6	ELM
7179	6	LIVE OAK
7180	7	LIVE OAK
7182	6	LIVE OAK
7183	8	LIVE OAK
7184	6	LIVE OAK
7187	8	HACKBERRY
7188	6	LIVE OAK
7189	5	LIVE OAK
7190	8	HACKBERRY
7191	9.5	HACKBERRY
7192	4.5	PERSIMMON
7193	10	LIVE OAK
7194	8	LIVE OAK
7195	10	HACKBERRY
7196	4	LIVE OAK
7197	8	LIVE OAK
7198	6	LIVE OAK
7199	11	ASHE JUNIPER
7200	6	LIVE OAK
7201	8	LIVE OAK
7202	6	LIVE OAK
7204	8	LIVE OAK
7205	6	LIVE OAK
9901	8.5	ELM

TOTAL INCHES BY CATEGORY	
SIGNIFICANT-NON-EXEMPT TO REMAIN	1,729.00
SIGNIFICANT-NON-EXEMPT TO BE REMOVED	3,764.00
SIGNIFICANT-EXEMPT TO REMAIN	-
SIGNIFICANT-EXEMPT TO BE REMOVED	2,314.50
HERITAGE-3:1 TO REMAIN	510.00
HERITAGE-3:1 TO BE REMOVED	-
HERITAGE-1:1 TO REMAIN	24.00
HERITAGE-1:1 TO BE REMOVED	-
HERITAGE-EXEMPT TO REMAIN	-
HERITAGE-EXEMPT TO BE REMOVED	58.00
UNPROTECTED TO REMAIN	232.50
POOR CONDITION TO BE REMOVED	889.50
INVASIVE TO BE REMOVED	62.50

	PROPERTY BOUNDARY
	PHASE BOUNDARY
	PROPOSED LOT LINES
	PROPOSED EASEMENT
	LOT NUMBER
	PRESERVED HERITAGE TREE
	PRESERVED SIGNIFICANT TREE
	REMOVED SIGNIFICANT TREE
	EXEMPT - REMOVED HERITAGE TREE
	EXEMPT - REMOVED SIGNIFICANT TREE
	PRESERVED UNPROTECTED TREE
	REMOVED TREE IN POOR CONDITION
	REMOVED INVASIVE TREE

GENERAL NOTES

1. BEARING ORIENTATION IS BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE 4204, NAD-83. DISTANCES SHOWN ARE SURFACE VALUES.
2. NO CONSTRUCTION (CLEARING, CUTTING, FILLING, TRENCHING, ETC.) SHALL TAKE PLACE WITHIN THE 1/2 ROOF PROTECTION ZONE (RPZ). CONTRACTOR TO ENSURE TREE PROTECTION FULLY ENCAPSULATES 1/2 RPZ AND SHALL NOTIFY TO OWNER/ENGINEER IMMEDIATELY IF THIS AREA IS ENCROACHED. PLEASE RECONSIDER THE COSA TREE PRESERVATION AND PROTECTION DETAILS.
3. PLEASE SEE TREE MAN ASSESSMENT FROM 06-17-2024 FOR FURTHER INFORMATION.

MITIGATION NOTES

1. HOME BUILDER WILL BE REQUIRED TO PLANT 3 - 2" (MIN) CALIPER TREES WITH A SHADE VALUE OF 875 PER LOT. A TOTAL OF 192 TREES WILL BE PLANTED ON THE SITE BASED ON THE TABLE. LOTS 1-9 (BLOCK B) WILL HAVE ONE ADDITIONAL 2" TREE PLANTED (REFERENCE APPENDIX D FOR LIST OF APPROVED TREE SPECIES).
2. A TOTAL OF 200 MITIGATION INCHES WERE REQUIRED FROM THE SITE. 201 INCHES WILL BE MITIGATED BY PLANTING TREES.
3. TREE WELLS HAVE A MINIMUM SPACING OF 5' FROM THE TREE TRUNK.

PLAT NUMBER
24-11800389

[illegible]

NOT FOR CONSTRUCTION

TREE SURVEY METHOD PRESERVATION REQUIREMENTS AND CALCULATIONS			
	VALUE	UNIT	COMMENTS
Overall Preservation			
Total	8,399.50	in.	
(Non-exempt) Removed	3,764.00	in.	
Preserved	4,635.50	in.	55.19%
100 yr Floodplain			
Significant		in.	
Total	-	in.	
Removed	-	in.	
Preserved	-	in.	80.00%
Required 80% Heritage			0.00% Mitigation
Total	-	in.	
Removed	-	in.	
Preserved	-	in.	100.00%
Required 100%			0.00% Mitigation
Enviromentally Sensitive Areas			
Significant			
Total	-	in.	
Removed	-	in.	
Preserved	-	in.	80.00%
Required 80% Heritage			0.00% Mitigation
Total	-	in.	
Removed	-	in.	
Preserved	-	in.	100.00%
Required 100%			0.00% Mitigation
Outside of Floodplain & ESA			
Significant			
Total (Non-Exempt)	5,493.00	in.	
Removed (Non-Exempt)	3,764.00	in.	
Preserved (Non-Exempt)	1,729.00	in.	31.48%
Required 35%			3.52% Mitigation
Total (Exempt)	2,314.50	in.	
Removed (Exempt)	2,314.50	in.	
Preserved (Exempt)	-	in.	
Required (n/a) Heritage			0.00% Mitigation
Total	534.00	in.	
Removed	-	in.	
Preserved	534.00	in.	100.00%
Required 100%			0.00% Mitigation
Total (Exempt)	58.00	in.	
Removed (Exempt)	58.00	in.	
Preserved (Exempt)	-	in.	
Required (n/a)			0.00% Mitigation
PRESERVATION MITIGATION REQUIRED			
100 yr Floodplain - Protected Required Mitigation	-	in.	(removed)
100 yr Floodplain - Heritage Required Mitigation	-	in.	(removed)
(All tree species of Ash, Hackberry, Huisache, Ashe Juniper and Mesquite will be mitigated at 1:1.)	-	in.	(removed x 1)
(All other heritage trees to be mitigated at 3:1)	-	in.	(removed x 3)
Enviromentally Sensitive Areas - Protected Required Mitigation	-	in.	(removed)
Enviromentally Sensitive Areas - Heritage Required Mitigation	-	in.	(removed)
(All tree species of Ash, Hackberry, Huisache, Ashe Juniper and Mesquite will be mitigated at 1:1.)	-	in.	(removed x 1)
(All other heritage trees to be mitigated at 3:1)	-	in.	(removed x 3)
Outside of Floodplain - Protected Required Mitigation	194.00	in.	
Outside of Floodplain - Heritage Required Mitigation	-	in.	(removed)
(All tree species of Ash, Hackberry, Huisache, Ashe Juniper and Mesquite will be mitigated at 1:1.)	-	in.	(removed x 1)
(All other heritage trees to be mitigated at 3:1)	-	in.	(removed x 3)
Total - Protected Mitigation Required	194.00	in.	
Total - Heritage Mitigation Required	-	in.	
TOTAL MITIGATION REQUIRED	194.00	in.	
PRESERVATION MITIGATION PROVIDED			
Total Inches Planted	201.00	in.	
TOTAL MITIGATION (in.) FROM THE "TOTAL PLANTED TREES" TABLE			
Total Inches to be Paid	-	in.	
\$			(\$200 per inch)
POST CONSTRUCTION TREE CANOPY REQUIRED			
Total Area Outside of Floodplain	11.34	Ac.	
Number of Residential Lots	61	Lots	
Required Canopy (38%)	187,708.75	Sq. Ft.	
Preserved Canopy (ESA & Outside of Floodplain)	1,729.00	in.	
**Assumed M-L trees from Appendix E	90,628.30	Sq. Ft.	=(Dia. In / Radius) * Shade Value=(Dia.In/16.7)*87.5
Heritage Canopy (ESA & Outside of Floodplain)	534.00	in.	
**Assumed M-L trees from Appendix E	27,990.46	Sq. Ft.	=(Dia. In / Radius) * Shade Value=(Dia.In/16.7)*87.5
Required Canopy to be Planted	69,089.99	Sq. Ft.	
POST CONSTRUCTION TREE CANOPY MITIGATION PROVIDED			
Total Canopy Planted	175,218.75	Sq. Ft.	
TOTAL MITIGATION (SQ. FT.) FROM THE "TOTAL PLANTED TREES" TABLE			
Total inches to be paid	-	in.	
\$	-		(\$200 per inch)
TOTAL MITIGATION			
Total inches to be paid	-	in	
\$	-		

TOTAL PLANTED TREES									
Description	Total Number of Trees	Diameter (in.)	Required Diameter (in.)	Extra Diameter (in.)	Shade Value (Sq. Ft.)	Energy Credit	Total Planted Diameter (in.)	TOTAL MITIGATION (in.)	TOTAL MITIGATION (Sq. Ft.)
Required 2 trees per lot (NON-E.C.)	122	2.0	1.5	0.5	875.0	-	244	61	96,075.00
Number of extra trees on lots (E.C.)	61	2.0	-	2.0	875.0	1.5	122	122	72,056.25
Number of extra trees	9	2.0	-	2.0	875.0	-	18	18	7,087.50
TOTAL	192						384	201	175,218.75

PLAT NUMBER
24-11800389

[illegible]

△	△	△	△	△	REV
DESIGNED BY:					JDC
REVIEWED BY:					OR
DRAWN BY:					JDC



BGE, INC.
7330 San Pedro, Suite 202
San Antonio, TX 78216
TEL: 210-581-3600 www.browning.com

HERON VALLEY PHASE 1

TREE PROTECTION CALCULATIONS

NOT FOR CONSTRUCTION

SHEET
C02.32

