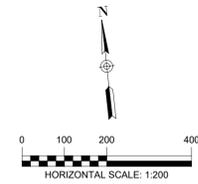


LOCATION MAP

N.T.S.



NOTE:
UNIT 3 IS ZONED INDUSTRIAL AT THE TIME OF THIS PLAN.
PROPOSED GRADING IS NOT DETERMINED AT THIS TIME, AND WILL BE PROVIDED WITH THE PLAT SUBMITTAL.

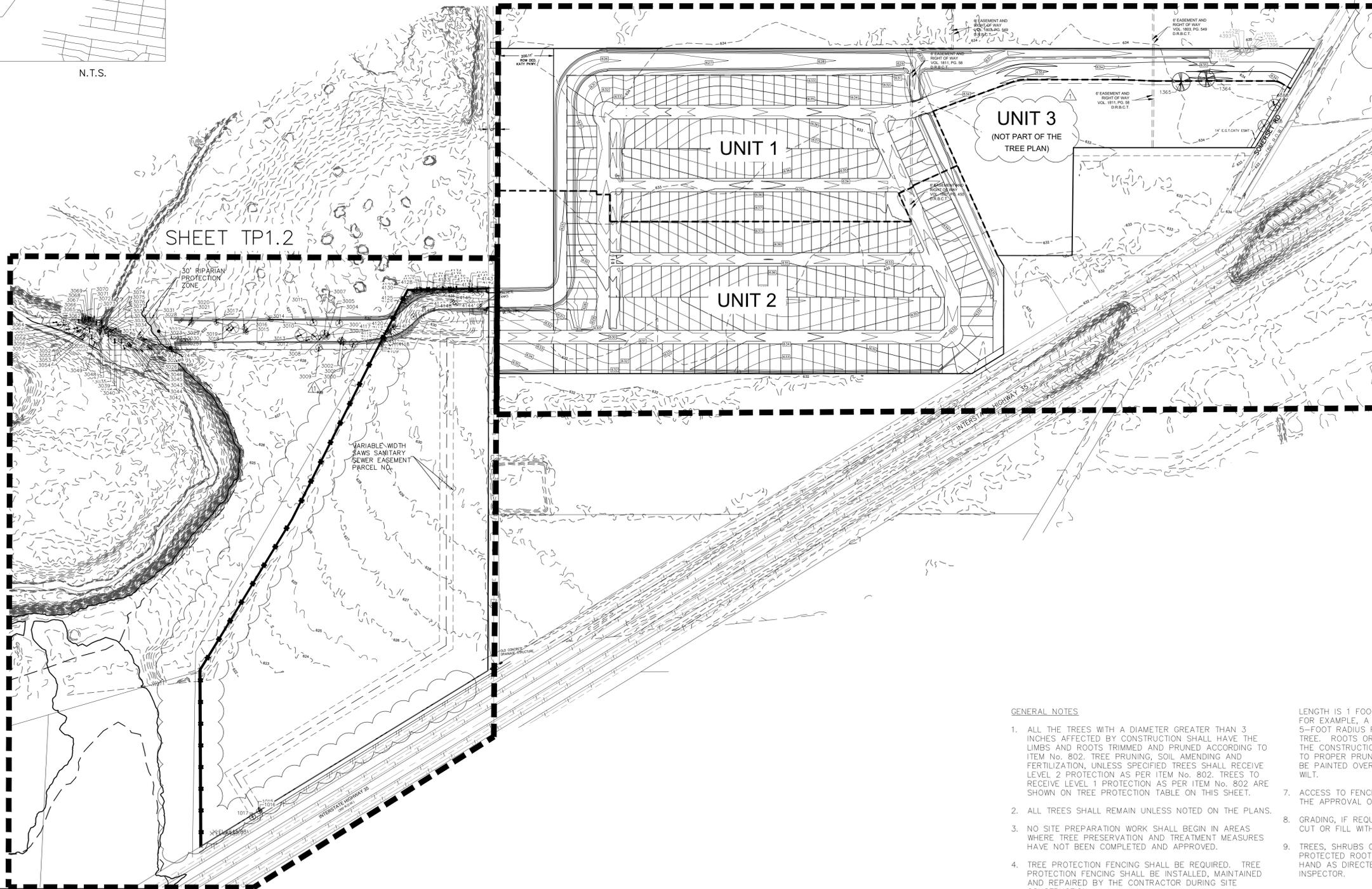
MDP NO: 21-11100034

LEGEND

- 700 --- EXISTING CONTOURS
- XXXX TREE TO REMAIN (XXXX = TREE NUMBER)
- XXXX TREE TO BE REMOVED (XXXX = TREE NUMBER)
- XXXX HERITAGE TREE TO BE REMOVED (XXXX = TREE NUMBER)
- XXXX TREE IN RIPARIAN ZONE TO REMAIN (XXXX = TREE NUMBER)
- XXXX TREE IN R.O.W. TO BE REMOVED (XXXX = TREE NUMBER)
- XXXX TREE IN ESMT TO REMAIN (XXXX = TREE NUMBER)
- XXXX TREE IN ESMT TO BE REMOVED (XXXX = TREE NUMBER)

LIST OF TREES ON SHEETS TP1.3

SHEET TP1.1



UNIT 3
(NOT PART OF THE TREE PLAN)

SHEET TP1.2

THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR WILL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, STRUCTURES OR FACILITIES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES 24- HOURS PRIOR TO COMMENCING CONSTRUCTION.

GENERAL NOTES

1. ALL THE TREES WITH A DIAMETER GREATER THAN 3 INCHES AFFECTED BY CONSTRUCTION SHALL HAVE THE LIMBS AND ROOTS TRIMMED AND PRUNED ACCORDING TO ITEM No. 802. TREE PRUNING, SOIL AMENDING AND FERTILIZATION, UNLESS SPECIFIED TREES SHALL RECEIVE LEVEL 2 PROTECTION AS PER ITEM No. 802. TREES TO RECEIVE LEVEL 1 PROTECTION AS PER ITEM No. 802 ARE SHOWN ON TREE PROTECTION TABLE ON THIS SHEET.
2. ALL TREES SHALL REMAIN UNLESS NOTED ON THE PLANS.
3. NO SITE PREPARATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.
4. TREE PROTECTION FENCING SHALL BE REQUIRED. TREE PROTECTION FENCING SHALL BE INSTALLED, MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION.
5. THE CONTRACTOR SHALL AVOID CUTTING ROOTS LARGER THAN THREE INCHES IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES. EXCAVATION IN THE VICINITY OF TREES SHALL PROCEED WITH CAUTION. THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR.
6. THE ROOT PROTECTION ZONE IS THAT AREA SURROUNDING A TREE, AS MEASURED BY A RADIUS FROM THE TREE TRUNK, IN WHICH NO EQUIPMENT, VEHICLES OR MATERIALS MAY OPERATE OR BE STORED. THE REQUIRED RADIUS LENGTH IS 1 FOOT PER DIAMETER INCH OF THE TREE. FOR EXAMPLE, A 10-INCH DIAMETER TREE WOULD HAVE A 5-FOOT RADIUS ROOT PROTECTION ZONE AROUND THE TREE. ROOTS OR BRANCHES THAT ARE IN CONFLICT WITH THE CONSTRUCTION SHALL BE CUT CLEANLY ACCORDING TO PROPER PRUNING METHODS. LIVE OAK WOUNDS SHALL BE PAINTED OVER, WITHIN 20 MINUTES TO PREVENT OAK WILT.
7. ACCESS TO FENCED AREAS WILL BE PERMITTED ONLY WITH THE APPROVAL OF THE ENGINEER OR CITY INSPECTOR.
8. GRADING, IF REQUIRED, SHALL BE LIMITED TO A 3 INCH CUT OR FILL WITHIN THE FENCED ROOT ZONE AREAS.
9. TREES, SHRUBS OR BUSHES TO BE CLEARED FROM PROTECTED ROOT ZONE AREAS SHALL BE REMOVED BY HAND AS DIRECTED BY THE PROJECT MANAGER OR CITY INSPECTOR.
10. TREES DAMAGED OR LOST DUE TO CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED TO THE ENGINEER'S SATISFACTION.
11. EXPOSED ROOTS SHALL BE COVERED AT THE END OF EACH DAY USING TECHNIQUES SUCH AS COVERING WITH SOIL, MULCH OR WET BURLAP.
12. ANY TREE REMOVAL SHALL BE APPROVED BY THE CITY ARBORIST PRIOR TO ITS REMOVAL.

SOURCE: EXISTING CONTOURS:
FIELD TOPO - HMT 2021

290 S. CASTELL AVE., STE. 100
NEW BRAUNFELS, TX 78130
TBPE FIRM F-10961
TBPLS FIRM 1053600



Eric S. Ply

TREE PROTECTION PLAN OVERALL

SOMERSET MEADOWS TRACT
SAN ANTONIO, TX

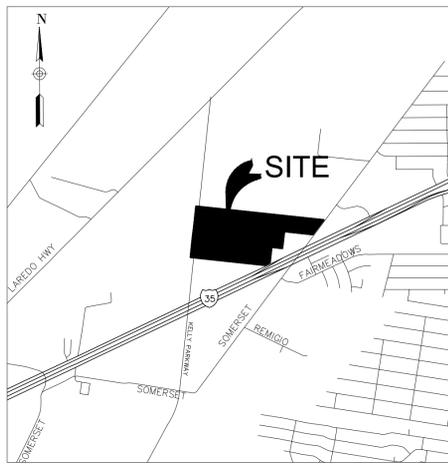
TRE-APP-APP21-38801766

NO.	REVISION DESCRIPTION	REVISION DATE
1	12/15/2021	

DATE: August 22
DRAWN BY: BF
DESIGNED BY: CC
REVIEWED BY: ESP

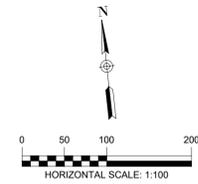
HMT PROJECT NO.: 337.030
SHEET TP1.0

Drawing Name: M:\Projects\337 - Somerset Grove East Master Plan\CD\3\Tree Protection\337.030 Tree Protection Plotting User: andrewm Aug 22, 2022 - 11:08am



LOCATION MAP

N.T.S.

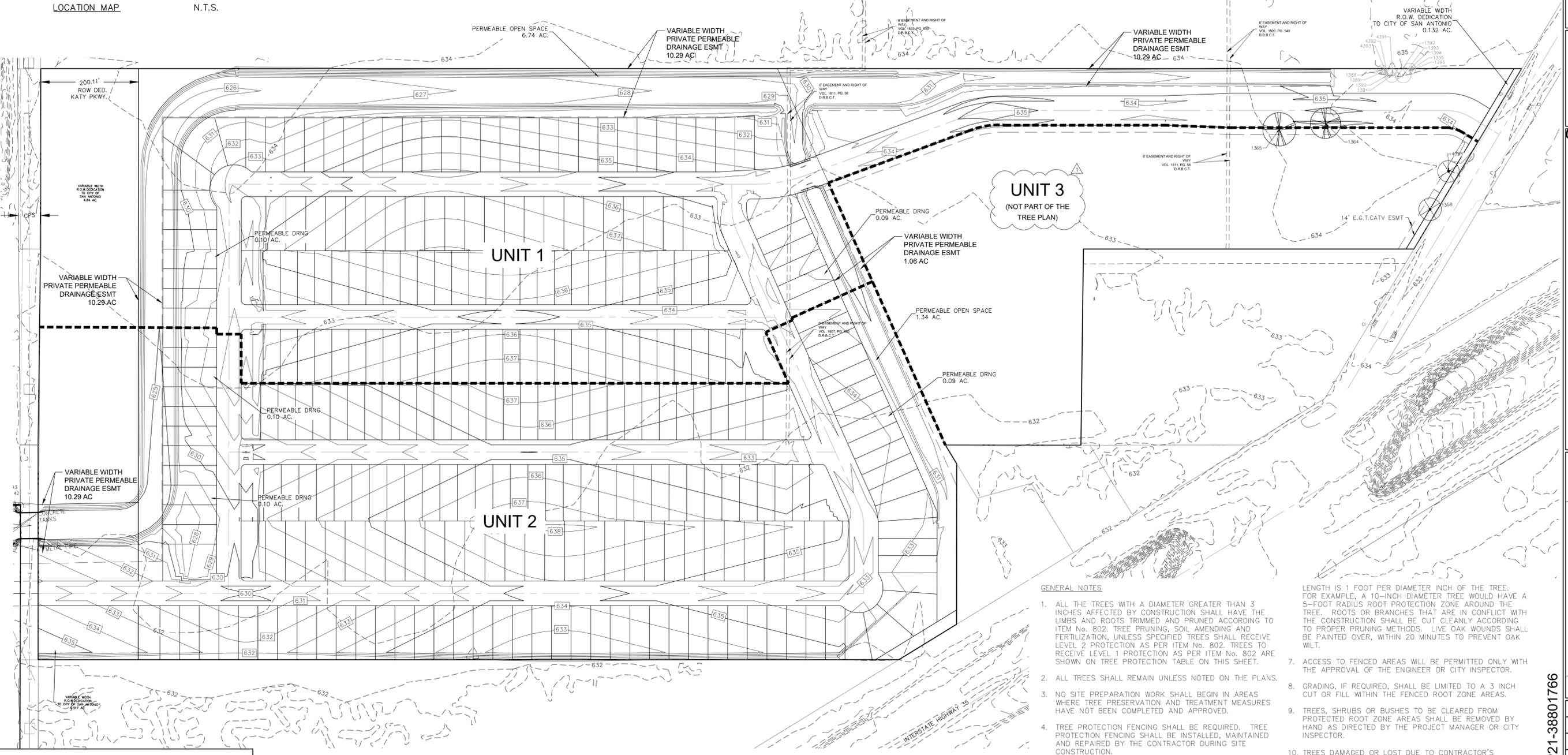


- LEGEND**
- 700 --- EXISTING CONTOURS
 - XXXX TREE TO REMAIN (XXXX = TREE NUMBER)
 - XXXX TREE TO BE REMOVED (XXXX = TREE NUMBER)
 - XXXX HERITAGE TREE TO BE REMOVED (XXXX = TREE NUMBER)
 - XXXX TREE IN RIPARIAN ZONE TO REMAIN (XXXX = TREE NUMBER)
 - XXXX TREE IN R.O.W. TO BE REMOVED (XXXX = TREE NUMBER)
 - XXXX TREE IN ESMT TO REMAIN (XXXX = TREE NUMBER)
 - XXXX TREE IN ESMT TO BE REMOVED (XXXX = TREE NUMBER)

LIST OF TREES ON SHEETS TP1.3

NOTE:
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PROPOSED GRADING IS NOT DETERMINED AT THIS TIME, AND WILL BE PROVIDED WITH THE PLAT SUBMITTAL.



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12. ANY TREE REMOVAL SHALL BE APPROVED BY THE CITY ARBORIST PRIOR TO ITS REMOVAL.

SOURCE: EXISTING CONTOURS: FIELD TOPO - HMT 2021

290 S. CASTELL AVE., STE. 100
NEW BRAUNFELS, TX 78130
TBPE FIRM F-10961
TBPLS FIRM 1053600



TREE PROTECTION PLAN (1 OF 2)
SOMERSET MEADOWS TRACT
SAN ANTONIO, TX

NO.	REVISION DESCRIPTION	REVISION DATE
1	TREE COMMENTS	12/15/2021

DATE: August 22
DRAWN BY: BF
DESIGNED BY: CC
REVIEWED BY: ESP
HMT PROJECT NO.: 337.030

SHEET
TP1.1

Drawing Name: M:_Projects\337 - Somerset Grove East Master Plan\CD\3 Tree Protection\337.030 Tree Protection Plotting User: andrewm Aug 22, 2022 - 11:08am

TRE-APP-APP21-38801766

TREE PRESERVATION TABLE													
TABLE 1													
Point No.	Species	Size	SIGNIFICANT TREES (10" - 24")		HERITAGE TREES (24" +)		SMALL TREES (2.5" - 6")		TREE CANOPY SHADE AREA	Northing	Easting	Elev.	Raw Desc.
			TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED					
1364	PECAN	30"							1200	13671175.69	2106737.72	634.86	TR 31 PECAN
1365	PECAN	34"							1200	13671173.62	2106642.80	634.88	TR 34 PECAN
1388	HACKBERRY	10"	10"						875	13671271.36	2106864.05	634.29	TR 10+9 HACKBERRY
1389	HACKBERRY	4"					4"		875	13671267.40	2106864.76	634.07	TR 4 HACKBERRY
1390	HACKBERRY	3"					3"		875	13671258.77	2106872.13	634.21	TR 3 HACKBERRY
1391	HACKBERRY	14"	14"						875	13671258.24	2106883.04	634.22	TR 14 HACKBERRY
1392	HACKBERRY	6"					6"		875	13671256.40	2106894.65	634.05	TR 6 HACKBERRY
1393	HACKBERRY	16"	16"						875	13671256.46	2106906.35	633.97	TR 16 HACKBERRY
1394	HACKBERRY	12"	12"						875	13671267.54	2106920.98	634.25	TR 12 HACKBERRY
1395	HACKBERRY	3"					3"		875	13671265.66	2106922.47	634.06	TR 3 HACKBERRY
1396	HACKBERRY	4"					4"		875	13671264.02	2106922.52	634.16	TR 4 HACKBERRY
4374	HACKBERRY	4"					4"		875	13671108.34	2106667.10	635.37	TR 4 HACKBERRY
4391	HACKBERRY	4"					4"		875	13671260.93	2106885.15	650.53	TR 4 HACKBERRY
4392	HACKBERRY	3"					3"		875	13671260.36	2106874.43	650.66	TR 3 HACKBERRY
4393	HACKBERRY	3"					3"		875	13671265.78	2106871.53	650.47	TR 3 HACKBERRY
SUB-TOTAL TREES			150"	52"			34"		13775				
MIN PRESERVED REQD (% in)			35%	18"	100%		40%	14"					
%INCHES PRESERVED			100.0%				100.0%						
MITIGATION RATE			1:1		3:1		1:1						
MITIGATION NEEDED (IN)				0"	0"		0"						

TREE PRESERVATION TABLE													
TABLE 2													
Point No.	Species	Size	SIGNIFICANT TREES (10" - 24")		HERITAGE TREES (24" +)		SMALL TREES (2.5" - 6")		TREE CANOPY SHADE AREA	Northing	Easting	Elev.	Raw Desc.
			TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED					
3000	HACKBERRY	16"							0	13670537.08	2103482.80	629.20	TR 16 HACKBERRY
3001	HACKBERRY	9"							9"	13670547.60	2103447.19	628.97	TR 9 HACKBERRY
3002	HACKBERRY	9"							9"	13670551.10	2103436.59	628.98	TR 9 HACKBERRY
3003	MESQUITE	12"		12"					0	13670552.57	2103437.30	628.96	TR 12 MESQUITE
3004	HACKBERRY	13"							0	13670616.41	2103437.44	634.12	TR 13 HACKBERRY
3005	HACKBERRY	7"						7"	0	13670572.52	2103386.82	632.86	TR 7 HACKBERRY
3006	HACKBERRY	13"							0	13670573.40	2103385.34	628.21	TR 13 HACKBERRY
3007	CHINABERRY	16"							0	13670582.17	2103378.37	628.55	TR 16 CHINABERRY
3008	HACKBERRY	11"		11"					0	13670571.67	2103366.20	628.61	TR 11+7 HACKBERRY
3009	HACKBERRY	12"		12"					0	13670535.53	2103353.18	628.28	TR 12 HACKBERRY
3010	HACKBERRY	13"		13"					0	13670577.69	2103342.63	628.08	TR 13 HACKBERRY
3011	HACKBERRY	13"		13"					0	13670629.01	2103342.81	628.39	TR 13 HACKBERRY
3012	HACKBERRY	11"		11"					0	13670568.69	2103320.28	627.63	TR 11 HACKBERRY
3013	CHINABERRY	22"							0	13670588.26	2103291.36	627.39	TR 22 CHINABERRY
3014	MESQUITE	8"		8"					0	13670656.53	2103188.10	625.41	TR 8+8 MESQUITE
3015	CHINABERRY	7"							0	13670618.97	2103091.53	628.24	TR 7 CHINABERRY
3016	CHINABERRY	6"							0	13670628.19	2103086.96	626.95	TR 6 CHINABERRY
3017	CHINABERRY	8"							0	13670636.52	2103085.03	624.87	TR 8+6 CHINABERRY
3018	HACKBERRY	21"		21"					0	13670640.97	2103044.39	620.42	TR 21 HACKBERRY
3019	HACKBERRY	12"		12"					0	13670644.03	2103029.41	624.22	TR 12 HACKBERRY
3020	MESQUITE	8"		8"					0	13670665.47	2102984.59	622.48	TR 8+6 MESQUITE
3021	MESQUITE	8"		8"					0	13670681.82	2102929.29	621.03	TR 8+7+6+6 MESQUITE
3022	MESQUITE	8"		8"					0	13670678.11	2102890.23	620.85	TR 8+8+7+6 MESQUITE
4109	HACKBERRY	7"							9"	13670522.42	2103583.95	646.31	TR 7 HACKBERRY
4110	HACKBERRY	10"		10"					0	13670522.42	2103584.07	646.16	TR 10 HACKBERRY
4111	HACKBERRY	13"		13"					0	13670524.73	2103584.20	647.47	TR 13 HACKBERRY
4112	HACKBERRY	7"					7"		0	13670533.83	2103593.66	646.62	TR 7 HACKBERRY
4113	HACKBERRY	7"					7"		0	13670541.79	2103600.23	639.86	TR 7 HACKBERRY
4114	HACKBERRY	8"					8"		0	13670542.50	2103598.59	643.30	TR 8 HACKBERRY
4115	HACKBERRY	7"					7"		0	13670544.79	2103599.47	643.19	TR 7 HACKBERRY
4116	HACKBERRY	10"		10"					0	13670556.72	2103608.66	647.08	TR 10 HACKBERRY
4117	HACKBERRY	6"					6"		0	13670563.63	2103615.53	643.36	TR 6 HACKBERRY
4118	HACKBERRY	6"					6"		0	13670567.71	2103622.20	637.59	TR 6 HACKBERRY
4119	HACKBERRY	7"					7"		0	13670570.31	2103618.90	636.80	TR 7 HACKBERRY
4120	HACKBERRY	8"					8"		0	13670574.68	2103618.27	636.67	TR 8 HACKBERRY
4121	HACKBERRY	10"		10"					0	13670580.09	2103634.16	638.27	TR 10 HACKBERRY
4122	HACKBERRY	11"		11"					0	13670583.45	2103635.72	639.27	TR 11 HACKBERRY
4123	HACKBERRY	6"					6"		0	13670584.79	2103635.48	639.31	TR 6 HACKBERRY
4128	HACKBERRY	16"		16"					0	13670702.88	2103737.17	649.19	TR 16 HACKBERRY
4132	HACKBERRY	7"					7"		0	13670689.91	2103792.39	647.84	TR 7 HACKBERRY
4136	HACKBERRY	6"					6"		0	13670690.74	2103861.56	633.22	TR 6 HACKBERRY
4137	HACKBERRY	9"					9"		0	13670690.83	2103872.79	632.54	TR 9 HACKBERRY
4138	HACKBERRY	8"					8"		0	13670693.04	2103884.41	631.19	TR 8 HACKBERRY
4139	HACKBERRY	6"					6"		0	13670684.99	2103884.23	633.44	TR 6+6 HACKBERRY
4142	HACKBERRY	14"		14"					0	13670677.89	2103962.13	634.07	TR 14 HACKBERRY
4147	HACKBERRY	6"					6"		0	13670641.78	2103757.06	630.63	TR 6 HACKBERRY
4148	HACKBERRY	6"					6"		0	13670628.98	2103791.45	636.94	TR 6 HACKBERRY
SUB-TOTAL TREES			464"	0"	0"	0"	144"	0					
MIN PRESERVED REQD			0%	0"	0%	0"	0%	0"					
%INCHES PRESERVED			0%		0%		0%						
MITIGATION RATE			1:1		1:1		1:1						
MITIGATION NEEDED (IN)				0"	0"		0"						

RIPARIAN ZONE (30' FLOODPLAIN BUFFER)													
TABLE 3													
Point No.	Species	Size	SIGNIFICANT TREES (10" - 24")		HERITAGE TREES (24" +)		SMALL TREES (2.5" - 6")		TREE CANOPY SHADE AREA	Northing	Easting	Elev.	Raw Desc.
			TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED					
3023	ELM	6"		6"					0	13670658.43	2102767.86	615.95	TR 6 ELM
3024	ELM	8"		8"					875	13670591.89	2102804.43	616.09	TR 8 ELM
4000	ELM	2"					2"		875	13670588.07	2102813.491	618.144	TR 2 ELM
4001	JERUSALEM THORN	2"					2"		500	13670585.75	2102826.889	619.892	TR 2 JERUSALEM THORN
4002	JERUSALEM THORN	2"					2"		500	13670587.13	2102827.336	618.984	TR 2 JERUSALEM THORN
4003	JERUSALEM THORN	2"					2"		500	13670599.13	2102792.892	615.485	TR 2 JERUSALEM THORN
SUB-TOTAL TREES			14"	8"	6"	0"	8"		3250				
MIN PRESERVED REQD				80%									
%INCHES PRESERVED				72.7%									

NOTE: A VARIANCE FOR THE REMOVAL OF A SIGNIFICANT TREE WITHIN THE RIPARIAN ZONE IS FILLED WITH THE CITY OF SAN ANTONIO AND THE FEE FOR THE REMOVAL OF THE TREE HAS BEEN PAID FOR.

TREE PRESERVATION TABLE (FLOODPLAIN)													
TABLE 4													
Point No.	Species	Size	SIGNIFICANT TREES (10" - 24")		HERITAGE TREES (24" +)		SMALL TREES (2.5" - 6")		TREE CANOPY SHADE AREA	Northing	Easting	Elev.	Raw Desc.
			TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED	TO REMAIN	TO BE REMOVED					
3025	ELM	7"		7"					875	13670610.18	2102741.02	605.45	TR 7 ELM
3026	ELM	15"		15"					875	13670610.38	2102721.36	601.34	TR 15 ELM
3027	HACKBERRY	7"					7"		875	13670604.75	2102725.86	598.48	TR 7 HACKBERRY
3028	HACKBERRY	11"					11"		875	13670642.94	2102698.57	612.37	TR 11 HACKBERRY
3029	HACKBERRY	6"					6"		875	13670633.72	2102706.01	608.23	TR 6 HACKBERRY
3030	HACKBERRY	6"					6"		875	13670632.01	2102708.74	607.86	TR 6 HACKBERRY
3031	CHINABERRY	6"							0	13670653.79	2102691.01	612.50	TR 6 CHINABERRY
3032	CHINABERRY												

