



BEFORE ANY
CONSTRUCTION DIAL:



DATE _____

Abstract

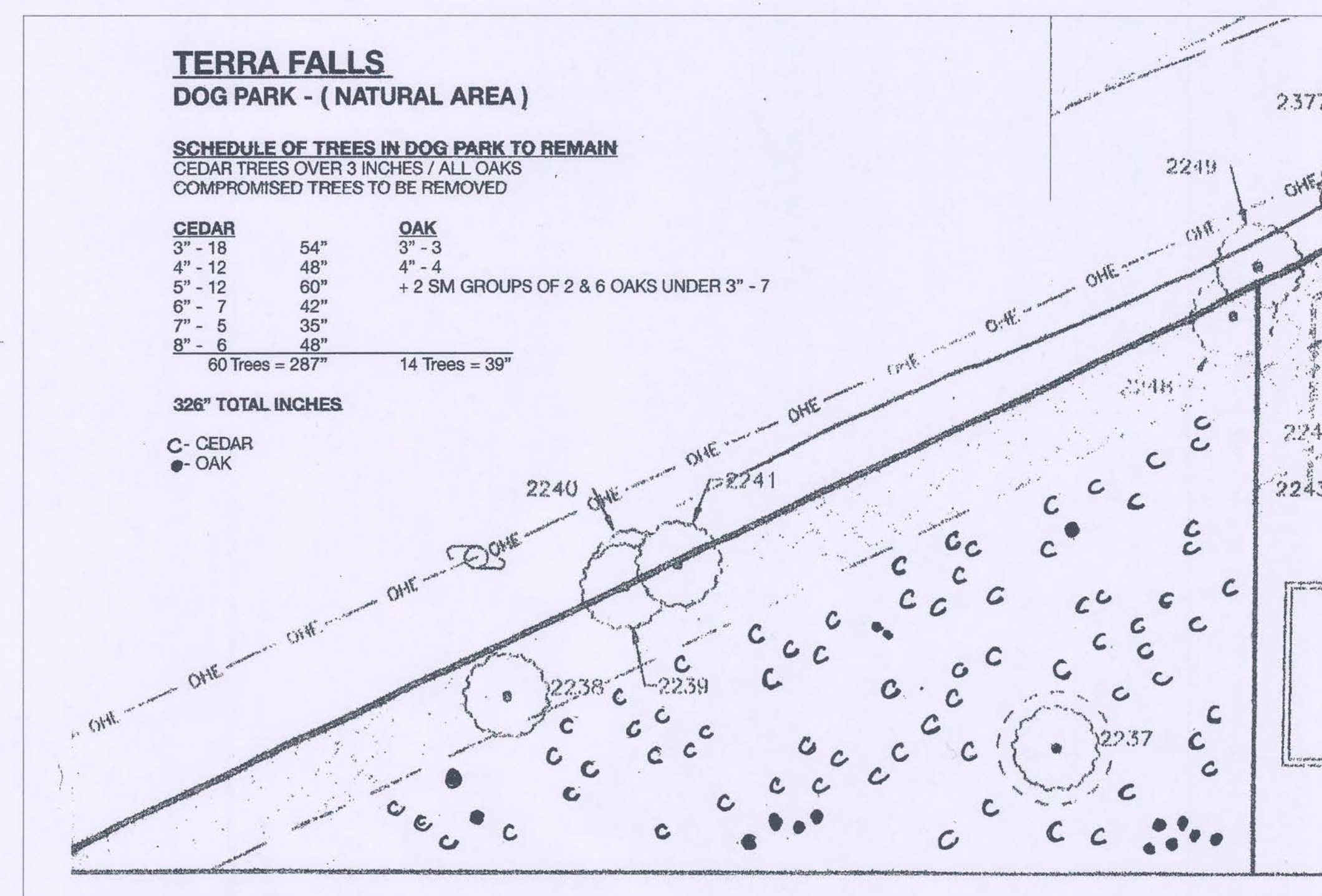
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TERRA FALLS PUD
HEUERMANN RD.
SAN ANTONIO, TEXAS

TREE PROTECTION PLAN

SHEET NO.
T1.0



Lot #	2.5" TREES (1" Credit)	5" TREES
1	0	0
2	2	4
3	2	6
4	2	4
5	2	4
6	2	4
7	2	2
8	2	0
9	2	3
10	2	3
11	2	3
12	2	10
13	2	9
14	2	7
15	2	13
16	2	40
17	2	6
18	2	4
19	2	4
20	2	4
Total Trees	38	130
Total Inches	38	650
Total	688	

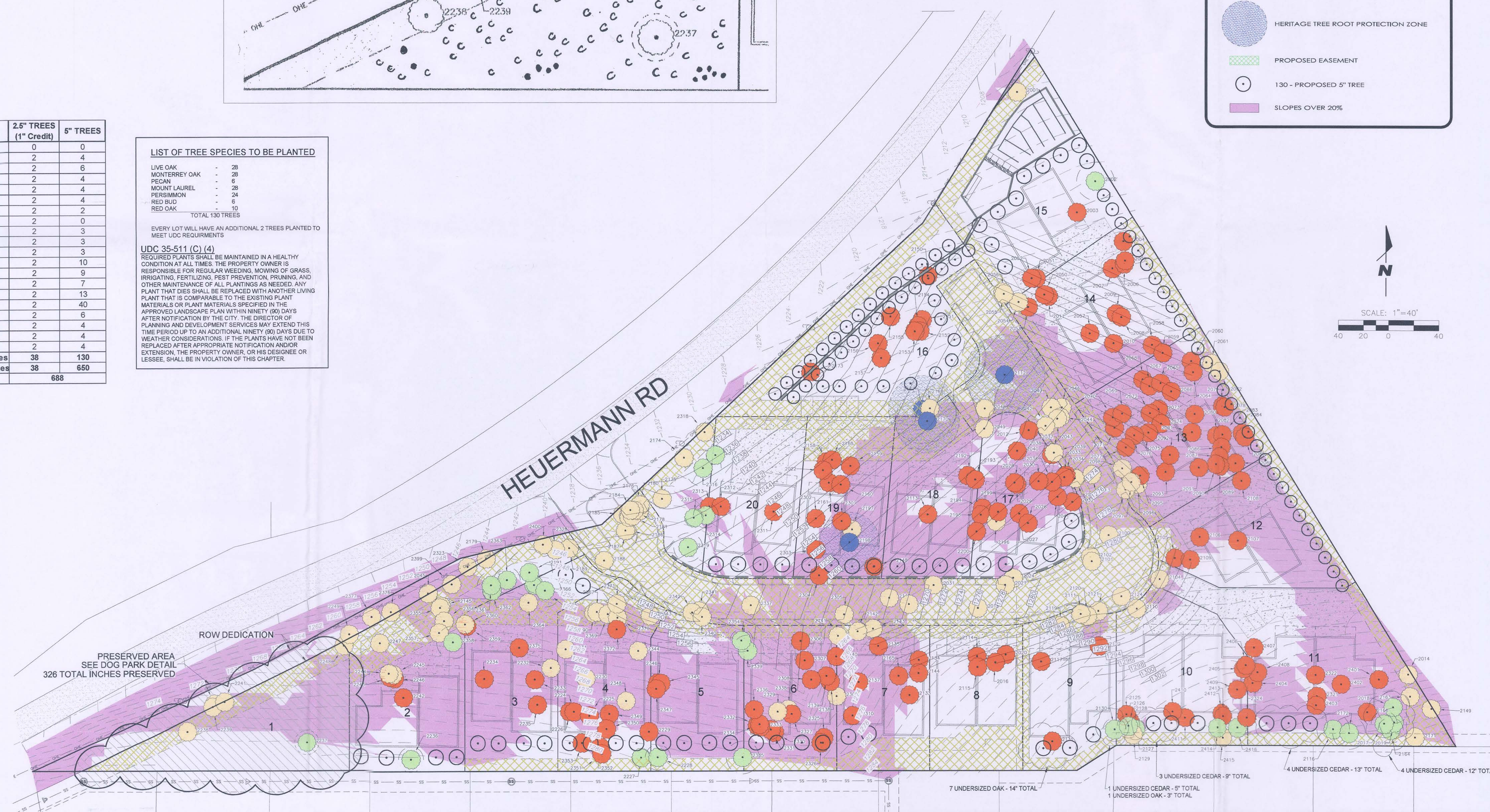
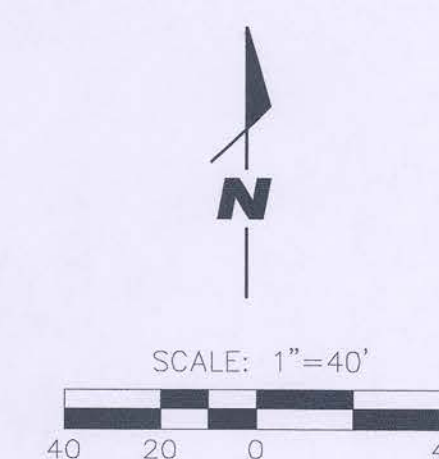
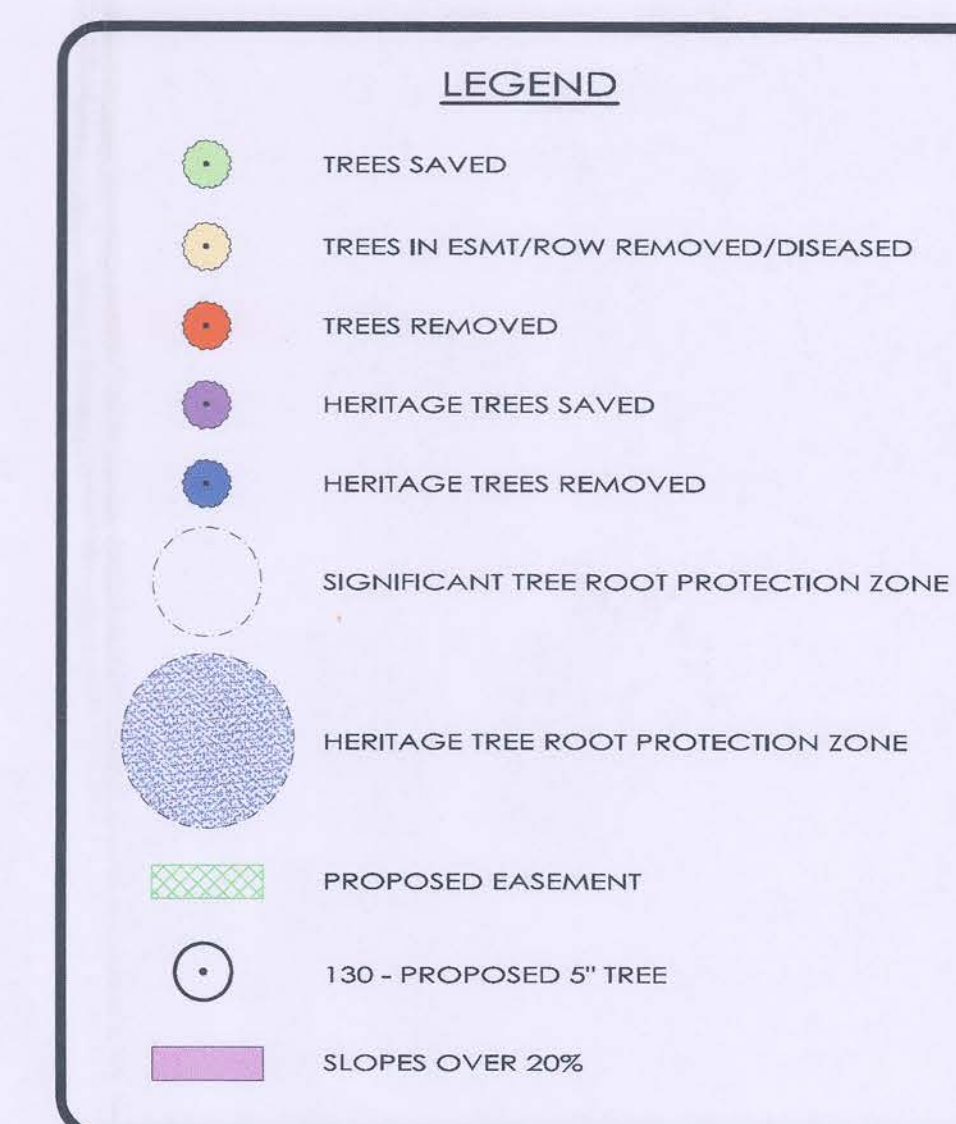
LIST OF TREE SPECIES TO BE PLANTED

LIVE OAK	-	28
MONTERREY OAK	-	28
PECAN	-	6
MOUNT LAUREL	-	28
PERSIMMON	-	24
RED BUD	-	6
RED OAK	-	10
TOTAL		130 TREES

EVERY LOT WILL HAVE AN ADDITIONAL 2 TREES PLANTED TO MEET UDC REQUIREMENTS

UDC 35-511(C)(4)

REQUIRED PLANTS SHALL BE MAINTAINED IN A HEALTHY CONDITION AT ALL TIMES. THE PROPERTY OWNER IS RESPONSIBLE FOR REGULAR WEEDING, MOWING OF GRASS, IRRIGATING, FERTILIZING, PEST PREVENTION, PRUNING, AND OTHER MAINTENANCE OF ALL PLANTINGS AS NEEDED. ANY PLANTING SPECIES LISTED BY THE OWNER OR THE LIVING PLANT THAT IS COMPARABLE TO THE EXISTING PLANT MATERIALS OR PLANT MATERIALS SPECIFIED IN THE APPROVED LANDSCAPE PLAN WITHIN NINETY (90) DAYS AFTER NOTIFICATION BY THE OWNER TO REPLACE THE PLANTING AND DEVELOPMENT SERVICES MAY EXTEND THIS TIME PERIOD UP TO AN ADDITIONAL NINETY (90) DAYS DUE TO WEATHER CONSIDERATIONS. IF THE PLANTS HAVE NOT BEEN REPLACED AFTER APPROPRIATE NOTIFICATION AND/OR EXTENDED TIME PERIOD BY THE OWNER, OR HIS DESIGNER OR LESSEE, SHALL BE IN VIOLATION OF THIS CHAPTER.



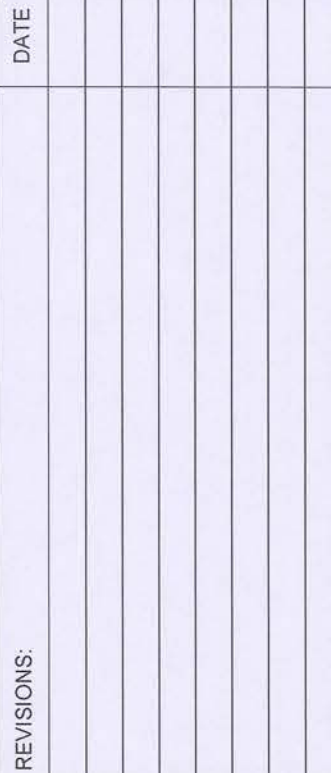
Tree Inventory Worksheet to Determine Preservation and Canopy Shade Coverage												
		Undersitory Species* 5.0" - 11.5" Shade Value - 275 Sq. Ft.		Significant Tree 22.0" - 23.0" Shade Value - 875 sq. ft.		Significant Tree** 18.0" - 23.0" Shade Value 875 sq. ft.		Heritage 3-1 Shade Value 1200 HERITAGE TREES PRESERVED AT 100%		Heritage 1-1 Shade Value - 1200 HERITAGE TREES PRESERVED AT 100%		Additional Inches Preserved for Mitigation ***
Tag #	Species	Removed	Preserved	Removed	Preserved	Removed	Preserved	Removed	Preserved	Removed	Preserved	Preserved
2009	Oak			6.5								
2010	Oak			13								
2012	Oak			9								
2014	Oak			9.5								
2017	Ash Juniper						10.5					
2018	Ash Juniper						13					
2019	Ash Juniper						12					
2020	Oak			17 Diseased								
2027	Oak			13 Diseased								
2028	Oak			7.5 Diseased								
2029	Oak			11 Diseased								
2030	Oak			14								
2031	Oak			19 Diseased								
2033	Oak			6.5								
2040	Oak			7								
2053	Oak			6								
2016	Oak			8								
2017	Oak			13.5								
2018	Oak			6 Diseased								
2040	Oak			16.5								
2041	Oak			13 Diseased								
2044	Oak			24								
2046	Oak			9								
2047	Oak			8								
2047	Oak			11.5								
2047	Oak			7.5								
2058	Oak			18 Diseased								
2070	Oak			6.5 Diseased								
2068	Oak			9.5								
2064	Oak			7								
2065	Oak			8								
2066	Oak			8								
2067	Oak			8.5								
2068	Oak			12								
2069	Oak			9								
2070	Oak			8.5								
2071	Oak			12 Diseased								
2072	Oak			9								
2073	Oak			11								
2074	Oak			9.5								
2075	Oak			15.5								
2076	Oak			9.5								
2077	Oak			13 Diseased								
2078	Oak			9.5								
2079	Oak			7.5								
2080	Oak			11								
2081	Oak			9.5								
2082	Oak			10 Diseased								
2083	Oak			9								
2084	Oak			6.5								
2085	Oak			8.5								
2086	Oak			12								
2087	Oak			7								
2088	Oak			13 Diseased								
2089	Oak			14.5								
2090	Oak			10 Diseased								
20												

Tree Inventory Worksheet to Determine Preservation and Canopy Shade Coverage												
		Understory Species*		Significant Tree 6" - 23.5"		Significant Tree*** 18.0" - 23.5"		Heritage 31 Shade Value 1200		Heritage 1-1 Shade Value - 1200		Additional Inches Preserved for Mitigation***
Tag #	Species	Shade Value 5.0" - 11.5" Sq. Ft.	Removed	Preserved	Shade Value - 87.5 sq. ft.	Removed	Preserved	HERITAGE TREES PRESERVED AT 100%	HERITAGE TREES PRESERVED AT 100%	HERITAGE TREES PRESERVED AT 100%		
2001 Oak					10 Emt			Removed	Preserved			Preserved
2002 Oak						15						
2003 Oak					11.5 Disposed							
2004 Oak					20							
2001 Ash Juniper							10.5					
2006 Oak					6.5 Disposed							
2007 Oak					8							
2008 Oak					7							
2009 Oak					6.5							
2010 Oak					13							
2011 Oak					10							
2012 Oak					9 Disposed							
2013 Oak					6 Emt							
2014 Oak					9.5 Emt							
2015 Oak					7 Emt							
2016 Oak					6							
2017 Ash Juniper							10.5					
2018 Ash Juniper							13					
2019 Ash Juniper							12					
2020 Ash Juniper							11.5					
2021 Oak					85.5 Emt							
2022 Oak					9.5							
2023 Oak					21 Emt							
2026 Oak					17 Disposed							
2027 Oak					15 Disposed							
2028 Oak					7.5 Disposed							
2029 Oak					11 Disposed							
2030 Oak					16							
2031 Oak					8.5 Disposed							
2032 Oak					10 Disposed							
2033 Oak					6.5							
2034 Oak					7							
2035 Oak					5 Emt							
2036 Oak					8							
2037 Oak					13.5 Emt							
2038 Oak					8 Disposed							
2039 Oak					13.5 Emt							
2040 Oak					16.5							
2041 Oak					13 Disposed							
2042 Oak					8 Emt							
2043 Oak					6.5 Disposed							
2044 Oak					14 Emt							
2045 Oak					8.5 Emt							
2046 Oak					6 Emt							
2047 Oak					8 Emt							
2048 Oak					8.5 Emt							
2049 Oak					15.5 Emt							
2050 Oak					15 Disposed							
2051 Oak					9.5							
2052 Oak					5.5 Disposed							
2053 Oak					10							
2054 Oak					14 Emt							
2055 Oak					11 Emt							
2056 Oak					6.5 Emt							
2057 Oak					7.5							
2058 Oak					16 Disposed							
2059 Oak					8.5 Disposed							

SIGNIFICANT TREES		HERITAGE (3:1)		HERITAGE (1:1)	
REMOVED	PRESERVED	REMOVED	PRESERVED	REMOVED	PRESERVED
414.5	127.8	25.3	25.5	0	0
TOTAL INCHES	542	TOTAL INCHES	25.5	TOTAL INCHES	0
TOTAL PRESERVATION	24%	TOTAL PRESERVATION	0%	TOTAL PRESERVATION	100%
32% PRESERVATION	190	100% PRESERVATION	25.5	100% PRESERVATION	0
INCHES NEEDED TO MEET PRESERVATION	62	INCHES NEEDED TO MEET PRESERVATION (3:1)	77	INCHES NEEDED TO MEET PRESERVATION (1:1)	0
TOTAL INCHES REQUIRED TO MEET				139 INCHES	
REINSTALL THE PRESERVED TREES TO MEET REQUIREMENTS					

SIGNIFICANT TREES		HERITAGE (3:1)		HERITAGE (1:1)	
REMOVED	PRESERVED	REMOVED	PRESERVED	REMOVED	PRESERVED
1172.5	156.0	0	0	0	0
TOTAL INCHES	1328.5	TOTAL INCHES	0	TOTAL INCHES	0
TOTAL PRESERVATION	12%	TOTAL PRESERVATION	100%	TOTAL PRESERVATION	100%
INCHES PRESERVED	1063	100% PRESERVATION	0	100% PRESERVATION	0
INCHES NEEDED TO MEET PRESERVATION	907	INCHES NEEDED TO MEET PRESERVATION (3:1)	0	INCHES NEEDED TO MEET PRESERVATION (1:1)	0
TOTAL INCHES REQUIRED TO MEET		807 INCHES			

TOTAL INCHES REQUIRED TO MEET 807 INCHES



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FREE PROTECTION PLAN

T1.1

FINAL PRESERVATION = 24" OVER REQUIRED

Project Address:				
AP Number:				
Step 1 - Calculate Final Tree Canopy Cover Requirement (38% of the acreage site)				
What is the Size of Lot		260227 sq ft	5.97 AC	
Final Canopy Required (25% of lot area)		65057 sq ft		
Step 2 - Complete Preserved Tree Inventory Spreadsheet to Determine if You Meet Your				
Preservation Category (from Worksheet)		Met Requirement		
Undersirable Species		Yes		
Significant Trees		Yes		
Step 3 - Time Inventory Scorecard Determination of Existing Canopy Preservation Credit				
Total Square Footage of Existing Canopy Preserved		7640 sq ft		
Existing Tree Canopy Preservation Requirement (25% Requirement)		46018 sq ft		
Step 4 - Calculation of Canopy Shade Area of New Tree Plantings (2 Trees Required)				
TREES PLANTED ON NORTH OR EAST SIDE OF HOUSE - NO ENERGY CONSERVATION CREDIT				
Shade Value of Tree(s) Selected from San Antonio Recommended Plant List		Number of Trees	Shade Value	
Trees with Shade Value of 550 sq ft		0	90%	0 sq ft
Trees with Shade Value of 875 sq ft		154	90%	132,175 sq ft
Trees with shade value of 1200 sq ft		0	90%	0 sq ft
Total Square Footage of Planted Canopy		132,175 sq ft		
TREES PLANTED ON SOUTH OR WEST SIDE OF HOUSE - ENERGY CONSERVATION CREDIT				
Shade Value of Tree(s) Selected from San Antonio Recommended Plant List		Number of Trees	Shade Value	
Trees with Shade Value of 550 sq ft		0	90%	0 sq ft
Trees with Shade Value of 875 sq ft		0	90%	0 sq ft
Trees with shade value of 1200 sq ft		0	90%	0 sq ft
Total Square Footage of Planted Canopy		0 sq ft		
Grand Total Canopy/Shade Area of Trees Planted		132,175 sq ft		
Step 5 - Determine if You Met Final Tree Canopy Requirement				
Canopy/Shade Area of Preservation & Planted		139725 sq ft		
Final Canopy Required (25% of lot area)		65057 sq ft		
Net Canopy		139500 sq ft		
Do you meet Tree Canopy Goal?		YES, PLEASE SUBMIT WORKSHEET WITH RESIDENTIAL BUILDING PERMIT APPLICATION		

Did you meet Tree Canopy Goal?	YES, PLEASE SUBMIT WORKSHEET WITH RESIDENTIAL BUILDING PERMIT APPLICATION
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Date: Oct 31, 2018, 11:30am
 File: G:\My Drive\Red & Black Projects\1026 Trinity Development\01 - Hevermann FUD\Drawings\Tree Protection Plan\2018-10-02 Tree Preservation Plan.dwg

