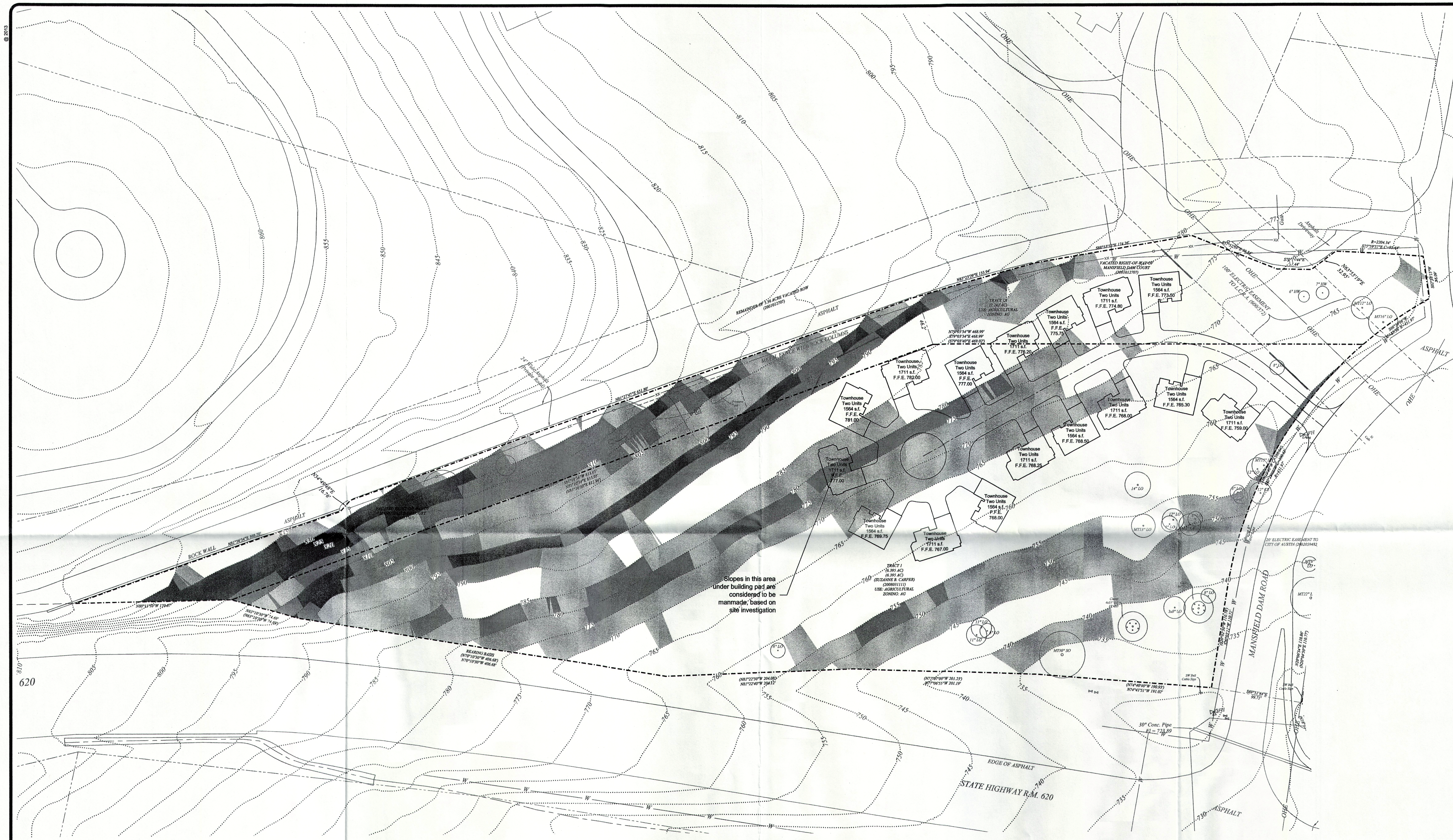




Appendix Q-1 Net Site Area			
Total gross area =	8.64	Acres	
Site Deductions:			
Critical water quality zone (CWQZ) =	0.00	Acres	
Water quality Transition zone (WQTZ) =	0.00	Acres	
Wastewater irrigation area =	0.00	Acres	
Deduction subtotal =	0.00	Acres	
Upland area (Gross area minus total deductions) =	8.64	Acres	
Net Site Area Calculation:			
Area of Uplands with Slopes 0-15% =	4.60	x 100% =	4.60 Acres
Area of Uplands with Slopes 15-25% =	2.29	x 40% =	0.92 Acres
Area of Uplands with Slopes 25-35% =	1.19	x 20% =	0.24 Acres
Area of Uplands with Slopes Over 35% =	0.56	x 0% =	0.00 Acres
Net Site Area (subtotal) =	5.76	Acres	

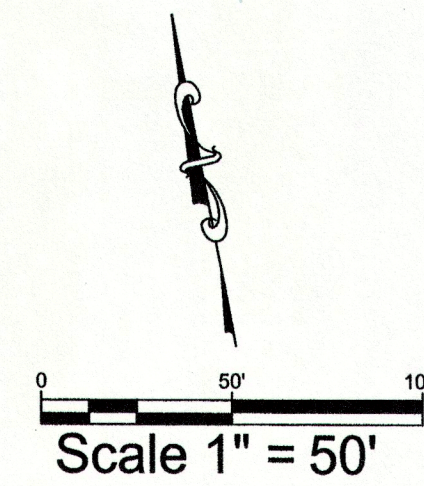
Perimeter Roadway Calculations			
Area of ROW's (Width Varies) =	3.54	Acres	
Roadway I.C. =	1.47	Acres	
% I.C. Allowed =	20%		
% I.C. in Perimeter Roadway =	42%		
% Deduction =	22%		

Appendix Q-2 Impervious Cover					
Allowable Impervious Cover					
Impervious cover allowed at	0%	x WQTZ =	0.00	Acres	
Impervious cover allowed at	20%	x NSA =	1.15	Acres	
Deductions for perimeter roadway =			0.762	Acres	
Total Allowable Impervious Cover =			1.15	Acres	
Allowable Impervious Cover Breakdown by Slope Category					
Total acreage 15-25% =	2.29	Acres x 10% =	0.23	Acres	
Total acreage 25-35% =	1.19	Acres x 10% =	0.12	Acres	
Proposed total Impervious Cover					
Impervious cover in WQTZ =	0.000	Acres =	0%		
Impervious cover in Uplands Zone =	0.000	Acres =	0%		
Total proposed impervious cover =	0.000	Acres =	0%		
Proposed Impervious Cover on Slopes					
Slope Categories	Total Acres	Building and Other Impervious Cover	Driveways and Roadways		
		AC	% of Cat.	AC	% of Cat.
0-15%	4.60	0.51	11.1%	0.27	5.9%
15-25%	2.29	0.07	3.0%	0.17	7.4%
25-35%	1.19	0.02	1.6%	0.05	4.5%
Over 35%	0.56	0.00	0.0%	0.01	1.3%
Total Area	8.64	0.60	6.9%	0.504	5.8%

8.637 Acre Lot - Slope Ranges				
Number	From	To	Color	Area
1	0.00%	15.00%		198009.01
2	15.00%	25.00%		115965.65
3	25.00%	35.00%		44303.13
4	>35.00%			17949.93

The location of all existing utilities shown on these plans has been based upon record information only, and may not match locations as constructed. The contractor shall contact the Texas Excavation Safety System @ 1-800-344-8377 for assistance in determining existing utility locations prior to beginning construction. Contractor shall field verify locations of water and gas crossings prior to beginning construction.

Release of this application does not constitute a verification of all data, information and calculations supplied by the applicant. The engineer of record is solely responsible for the completeness, accuracy and adequacy of his/her submittal, whether or not the application is reviewed for Code compliance by City engineers.



DATE: March 2013
DESIGNED: J.P.
DRAWN: J.P. Luf
CHECKED: J.K.R.
JOB NO: MCB 12036

REVISIONS/CORRECTIONS	
NO.	DESCRIPTION

Lakeside Villas I
4300 Mansfield Dam Road
Austin, Texas 78734
SLOPE MAP



GARRETT-IHNNERS
CIVIL ENGINEERS
12007 TECHNOLOGY BLVD.
SUITE 1150
AUSTIN, TEXAS 78727
TELEPHONE: (512) 454-2400
FACSIMILE: (512) 454-2420
TYPE FIRM NO. F630

SHEET NUMBER

6 of 11