

SUMMARY OF IMPERVIOUS SURFACE CALCULATIONS
 BRIAR CHAPEL DEVELOPMENT
 August 9, 2019

OVERALL IMPERVIOUS SUMMARY

Original Total Site Area		1,589.36 ac
Minus Dollar Property Tract		11.22 ac
NEW Total Site Area		1,578.14 ac
	TOTAL PHASE IMPERVIOUS (SF)	TOTAL PHASE IMPERVIOUS (AC)
Total Phase 2	230,840	5.30 ac
Total Phase 4	2,645,299	60.73 ac
Total Phase 5S	262,845	6.03 ac
Total Phase 5N	738,780	16.96 ac
Total Phase 6S	786,136	18.05 ac
Total Phase 6N	588,450	13.51 ac
Total Phase 7	1,022,829	23.48 ac
Total Phase 8	457,931	10.51 ac
Total Phase 9	530,460	12.18 ac
Total Phase 10	418,016	9.60 ac
Total Phase 11	747,609	17.16 ac
Total Phase 12	779,482	17.89 ac
Total Phase 13 - Section 1 & 2	162,048	3.72 ac
Total Phase 13 - Section 3	275,952	6.33 ac
Total Phase 14	285,004	6.54 ac
Phase 15S	666,787	15.31 ac
Phase 15N/Boulder Point Ext.	336,543	7.73 ac
Phase 16S	618,508	14.20 ac
Phase 16N	314,264	7.21 ac
County Park	76,314	1.75 ac
Margaret B Pollard Middle School	318,823	7.32 ac
Woods Charter School	180,911	4.15 ac
Water Tank Site	13,755	0.32 ac
Water Treatment Plant	38,590	0.89 ac
*County School Parcel (Planned)	348,480	8.00 ac
BC SD North	154,399	3.54 ac
BC Tennis Center (Sport Courts)	104,504	2.40 ac
Andrews Store Connector	41,968	0.96 ac
*BC Commercial - SD West	952,293	21.86 ac
*BC Commercial - SD East	729,922	16.76 ac
Catullo Run/Taylor Road Improvements	25,883	0.59 ac
BC Parkway Gravel Rumble Strips	2,505	0.06 ac
*County Fire/EMS Site (planned)	38,502	0.88 ac
*Chapel in the Pines	28,750	0.66 ac
Total Impervious	14,923,383	342.59
Total Impervious Percent	21.71%	

*Future development impervious area projections estimated based on early preliminary land planning efforts at date of submittal.