

Appendix

Glenmont Sector Plan

December 2013

Appendix G: Development Scenarios

For more information, call the Area 2 Division at (301) 495-4500



Montgomery County Planning Department
M-NCPDC
MontgomeryPlanning.org

Growth potential in Glenmont was calculated in order to assess a number of issues including the balance between the capacity of the existing and proposed transportation network and existing and potential trips generated by future development, existing and future housing mix, and retail market assumptions. The following series of spreadsheets accounts the existing development, the maximum housing mix and retail growth allowed by the 1997 Plan and the Proposed Plan zoning recommendations, and the expected future housing mix and retail growth for buildout of the existing zoning (1997 Plan) and the Proposed Plan.

The tables are organized by the seven (7) Transportation Analysis Zones (TAZ) that comprise the sector plan area. Development is divided into two major categories: Non-Residential and Residential. Non-Residential is divided into subcategories of land use type: Office, Retail, Industrial, and Other. For each land use type, there is a corresponding number of jobs and amount of square feet of space. Residential development or Dwelling Units (DU) is divided into subcategories of Single family-detached, single family-attached, multifamily low and multifamily high. Multifamily low are garden apartment buildings both rental and condominium. Multifamily high are residential buildings with elevators.

2011 EXISTING is a snapshot of existing development on the ground in Fall 2011. The data is compiled from various sources including the Metropolitan Washington Council of Governments' (MWCOG) Round 8.0 Cooperative Forecast, Bureau of Labor Statistics Covered Employment Where Wages (ES202), Maryland Tax Assessor's Office, Planning Department Geographic Information System (GIS), field observations, and assumptions.

1997 MASTER PLAN ZONING ENVELOPE yields the maximum development allowed by the zoning recommendations of the 1997 Plan. The table does not recognize restrictions of development standards such as maximum height, yard setback, and/or lot coverage. Lots zoned R60 and R90 larger than the minimum lot sizes were divided by the minimum lot size to yield the possible number of single family detached lots. Because Glenmont does not have a strong office market, Floor Area Ratio(FAR) allowed by RMX-2C and TS-R zone was reflected as retail square feet versus office square feet.

1997 MASTER PLAN BUILDOUT is a reasonable, 30 to 40-year aggressive estimate of what could be built under the best possible market following the 1997 zoning recommendations. Some estimates were based on 2040 Round 8.0 data with adjustments when compared to ES202 along with field observations, and assumptions.

2012 PROPOSED ZONING ENVELOPE yields the maximum development allowed by the zoning recommendations of the Proposed Plan. The table does not recognize restrictions of development standards such as maximum height, yard setback, and/or lot coverage. Lots zoned R60 and R90 larger than the minimum lot sizes were divided by the minimum lot size to yield the possible number of single family detached lots. Because Glenmont is envisioned as a predominately residential neighborhood, CR zoned properties assumes the maximum Residential FAR. Using a standard of 1,150 SF/unit, Residential FAR was converted to Dwelling Unit (DU).

2013 PLANNING BOARD DRAFT PLAN BUILDOUT is a reasonable, 20 to 30-year aggressive estimate of what could be built under the best possible market following the zoning recommendations of the MAY 2013 Planning

Board Draft Plan. This data was used to test the capacity of infrastructure including road network and school enrollment.

2013 APPROVED AND ADOPTED PLAN BUILDOUT is a reasonable, 20 to 30-year aggressive estimate of what could be built under the best possible market following the zoning recommendations of the December 2013 *Approved and Adopted Glenmont Sector Plan*.

2011 EXISTING

Non-Resid

12/10/2012

TAZ	Area	Office Jobs	Office SF	Retail Jobs	Retail SF	Ind Jobs	Ind SF	Other Jobs	Other SF	Total Jobs	Total SF	SF Det	SF Att	SF Total	MF Total	MF High	MF Total	
551	North of Briggs Road Single-Fam	0	0	0	0	0	0	10	0	10	0	236	236	236	0	0	0	
551	TOTAL	0	0	0	0	0	0	10	0	10	0	236	236	236	0	0	0	
552	Georgia West Single-Fam							8	0	8	0							
552	Foxhall Townhouses	0	0	0	0	0	0	10	0	2	0	482	482	482	0	0	0	
552	TOTAL	0	0	0	0	0	0	10	0	2	0	482	482	482	0	0	0	
553	Privacy World							3	0	3	0							
553	Station/Yard/Layhill Triangle/Geo Bapt	15	17,000			48	27,000	63	44,000	15	17,000	48	27,000	63	44,000	0	0	352
553	Denley/Acorn SF/Two Churches					4	30,000	4	30,000	4	30,000	52	52	52	52	0	0	
553	Georgia Townhouses											50	50	50	50	0	0	
553	TOTAL	0	0	15	17,000	0	0	55	57,000	70	74,000	52	52	50	102	352	352	
554	Glenwaye Gardens Condo							2	0	2	0							
554	Glenmont Shopping Center	12	2,880	356	193,501	0	0	2	0	368	196,381	0	0	0	214	214	214	
554	TOTAL	12	2,880	356	193,501	0	0	2	0	370	196,381	0	0	0	214	214	214	
555	South Randolph SF							9	0	9	0							
555	TOTAL	0	0	0	0	0	0	9	0	9	0	239	239	239	0	0	0	
568	Glenmont Forest Apts																	
568	Police/Fire Station/Catholic Charities							3	0	3	0							
568	TOTAL	0	0	0	0	0	0	288	70,000	288	70,000	0	0	0	0	0	0	
569	Wineburg Apt																	
569	Layhill SF							3	0	3	0							
569	English Court Townhouses									10	0	10	0	625	0	456	625	
569	Saddlebrook/ParkPolice HQ									2	0	2	0	267	267	0	0	
569	TOTAL	0	0	0	0	0	0	98	62,000	98	62,000	0	0	64	64	0	0	
GRAND TOTALS		12	2,880	371	210,501	0	0	490	189,000	873	402,381	3,111	1,276	162	1,438	1,504	1,673	

1. 2011 Existing Jobs numbers based on 2010 Round 8.0 with some adjustments when compared to the ES202 along with field observations and assumptions.

2. 2011 Existing 'Other SF' based on estimates of Gross Square Footages from the GIS database along with field observations.

TAZ	DU Totals	SF Det	SF Att	SF Total	MF Total	MF Low	MF High	MF Total
551	236	236	236	236	0	0	0	0
551	236	236	236	236	0	0	0	0
552	482	482	482	482	0	0	0	0
552	482	482	482	482	0	0	0	0
553	352	352	352	352	0	0	0	0
553	352	352	352	352	0	0	0	0
554	214	214	214	214	0	0	0	0
554	214	214	214	214	0	0	0	0
555	239	239	239	239	0	0	0	0
555	239	239	239	239	0	0	0	0
568	482	482	482	482	0	0	0	0
568	482	482	482	482	0	0	0	0
569	64	64	64	64	0	0	0	0
569	64	64	64	64	0	0	0	0
GRAND TOTALS	3,111	1,276	162	1,438	1,504	169	1,673	



12/10/2012

1997 MASTER PLAN ZONING ENVELOPE

Non-Resid

Resid

TAZ	Area	Office jobs						Retail SF						DU Totals						SF Det		SF Att		SF Total		MF Low		MF High		MF Total							
		Office SF	Retail jobs	Retail SF	Ind jobs	Ind SF	Other jobs	Other SF	Total Jobs	Total SF	TAZ	DU Totals	SF Det	SF Att	SF Total	MF Low	MF High	MF Total	MF Low	MF High	MF Total	MF Low	MF High	MF Total	MF Low	MF High	MF Total										
551	North of Briggs Road Single-Fam	0	0	0	0	0	0	0	0	0	551	249	249	249	249	0	249	0	249	0	0	0	0	0	0	0	0	0									
551 TOTAL																																					
552	Georgia West Single-Fam										552	0	0	0	0	509	509	509	509	509	509	0	0	0	0	0	0	0	0	0							
552 Foxhall Townhouses/NWMATA Triangle											552 TOTAL	0	0	0	0	172	172	172	172	172	172	0	0	0	0	0	0	0	0	0							
552 TOTAL																																					
553	Privacy World	1,255,000								0	1,255,000					1,550	1,550	1,550	1,550	1,550	1,550	0	0	0	0	0	0	0	0	0							
553 Station&Yard/Layhill Triangle/Geo Bapt		306,834								0	306,834					754	754	754	754	754	754	190	190	190	190	190	190	564	564	564							
553 Denley//Acorn St/Two Churches										0	0					184	184	184	184	184	184	80	80	80	80	80	80	0	0	0	0						
553 Georgia Townhouses										0	0					52	52	52	52	52	52	52	52	52	52	52	52	0	0	0	0	0					
553 TOTAL		0	0	0	0	0	0	0	0	0	553 TOTAL	0	0	0	0	1,561,834	1,561,834	1,561,834	1,561,834	1,561,834	1,561,834	0	0	0	0	0	0	0	0	0							
554	Glenway Gardens Condo									0	0					265	265	265	265	265	265	0	0	0	0	0	0	265	265	265	265						
554 Glenmont Shopping Center		424,839								0	424,839					780	780	780	780	780	780	0	0	0	0	0	0	780	780	780	780						
554 TOTAL		0	0	0	0	0	0	0	0	0	554 TOTAL	0	0	0	0	424,839	424,839	424,839	424,839	424,839	424,839	0	0	0	0	0	0	0	0	0							
555	South Randolph SF									0	0					280	280	280	280	280	280	0	0	0	0	0	0	280	280	280	280						
555 TOTAL		0	0	0	0	0	0	0	0	0	555 TOTAL	0	0	0	0	280	280	280	280	280	280	0	0	0	0	0	0	0	0	0							
568	Glenmont Forest Apts									0	0					583	583	583	583	583	583	0	0	0	0	0	0	583	583	583	583						
568 Police/Fire Station/Catholic Charities										0	0					67	67	67	67	67	67	0	0	0	0	0	0	67	67	67	67						
568 TOTAL		0	0	0	0	0	0	0	0	0	568 TOTAL	0	0	0	0	650	650	650	650	650	650	0	0	0	0	0	0	0	0	0							
569	Winexburg Apt									0	0					751	751	751	751	751	751	0	0	0	0	0	0	751	751	751	751						
569 Layhill SF										0	0					270	270	270	270	270	270	0	0	0	0	0	0	270	270	270	270						
569 English Court Townhouses										0	0					64	64	64	64	64	64	0	0	0	0	0	0	64	64	64	64						
569 Saddlebrook/ParkPolice HQ										0	0					72	72	72	72	72	72	0	0	0	0	0	0	72	72	72	72						
569 TOTAL		0	0	0	0	0	0	0	0	0	569 TOTAL	0	0	0	0	1,157	1,157	1,157	1,157	1,157	1,157	64	64	64	64	64	64	497	497	497	497						
GRAND TOTALS		0	0	0	0	0	0	0	0	0	GRAND TOTALS	0	0	0	0	1,986,673	1,986,673	1,986,673	1,986,673	1,986,673	1,986,673	6,602	6,602	6,602	6,602	6,602	6,602	3,148	3,148	3,148	3,148	3,148	3,148	4,560	4,560	4,560	4,560

1. Single family detached number is the count of lots zoned R60 or R90 from the GIS database.

2. Lots zoned R60 and R90 and larger than the minimum lot size, were divided by the minimum lot size to yield the possible number of single family detached lots.

3. Retail SF for Privacy World reflects the maximum FAR per the TS-R zone (2.5) minus the maximum residential density (51 du/ac).

4. Retail SF for the remaining properties reflect a maximum FAR of the RMX-2C zone (0.5).



12/10/2012

1997 MASTER PLAN BUILDOUT (2040)

Non-Resid

		Resid																
TAZ	Area	Office jobs	Office SF	Retail jobs	Retail SF	Ind jobs	Ind SF	Other jobs	Other SF	Total Jobs	Total SF	TAZ DU Totals	SF Det	SF Att	SF Total	MF low	MF High	MF Total
551	North of Briggs Road Single-Fam	0	0	0	0	0	0	12	0	12	0	236	236	236	236	0	0	0
551 TOTAL												551	236	236	236	0	0	0
552	Georgia West Single-Fam							10	0	10	0							
552 Foxhall Townhouses/NWMATA Triangle						4	0	4	0	4	0	482	482	482	482	48	48	0
552 TOTAL						0	0	14	0	14	0	552	530	482	48	530	0	0
553	Privacy World	225	90,000					225	90,000			1,550		250	250	1,300	1,300	
553 Station&Yard/Layhill Triangle/Geo Bapt		15	17,000			48	27,000	63	44,000		0					0	0	0
553 Denley//Acorn St/Two Churches						5	30,000	5	30,000						52	52		
553 Georgia Townhouses								0	0	0					50	50	50	0
553 TOTAL		0	0	240	107,000	0	0	53	57,000	293	164,000	553	1,652	52	300	352	0	1,300
554	Glenway Gardens Condo					2	0	2	0									
554 Glenmont Shopping Center		531	212,500					531	212,500			300		0	0	300	300	
554 TOTAL		0	0	531	212,500	0	0	2	0	533	212,500	554	514	0	0	214	300	514
555	South Randolph SF					11	0	11	0							239	239	
555 TOTAL		0	0	0	0	0	0	11	0	11	0	555	239	239	0	239	0	0
568	Glenmont Forest Apts					3	0	3	0							482	482	
568 Police/Fire Station/Catholic Charities						288	70,000	288	70,000						0	0	0	
568 TOTAL		0	0	0	0	0	0	291	70,000	291	70,000	568	482	0	0	482	0	482
569	Winexburg Apt					3	0	3	0									
569 Layhill SF						12	0	12	0						625	625	625	
569 English Court Townhouses						2	0	2	0						64	64	64	0
569 Saddlebrook/ParkPolice HQ						107	62,000	107	62,000						0	0	0	0
569 TOTAL		0	0	0	0	0	0	124	62,000	124	62,000	569	956	267	64	331	456	169
GRAND TOTALS		0	0	771	319,500	0	0	507	189,000	1,278	508,500		4,609	1,776	412	1,688	1,152	1,769
																		2,921

1. Jobs numbers based on 2040 Round 8.0 with some adjustments when compared to the ES202 database for 2010 along with field observations and assumptions.

2. Privacy World Retail SF and Residential numbers are based on the Development Plan associated with G-862 and G-863.

3. Glenmont Shopping Center Retail SF is an estimate of 0.25 FAR.



2013 PROPOSED ZONING ENVELOPE (Planning Board Draft)

Non-Resid

5/30/2013

TAZ	Area	Office jobs	Office SF	Retail jobs	Retail SF	Ind jobs	Ind SF	Other jobs	Other SF	Total Jobs	Total SF	DU Totals	SF Det	SF Att	SF Total	MF low	MF High	MF Total
551	North of Briggs Road Single-Fam	0	0	0	0	0	0	0	0	0	0	249	249	249	249	0	0	0
551 TOTAL												249	249	249	249	0	0	0
552	Georgia West Single-Family																	
552 Foxhall Townhouses/NWMATA Triangle		0	0	0	0	0	0	0	0	0	0	509	509	509	509	0	0	0
552 TOTAL												681	482	172	681	0	0	0
553	Privacy World																	
553 Station&Yard/Layhill Triangle/Geo Bapt	92,000									0	92,000					1,998	1,998	1,998
553 Denley//Acorn St/F Two Churches	179,213									0	179,213					1,091	0	1,091
553 Georgia Townhouses										0	0				184	184	184	0
553 TOTAL	0	0	0	271,213	0	0	0	0	0	271,213	0	533	3,325	184	52	236	0	3,089
554	Glenwaye Gardens Condo																	
554 Glenmont Shopping Center	424,839									0	424,839					265	0	265
554 TOTAL	0	0	0	424,839	0	0	0	0	0	424,839	0	554	2,112	0	0	265	0	2,112
555	Fire Station 18 site																	
555 South Randolph Single-Family		0	0	0	0	0	0	0	0	0	0				244	0	244	0
555 TOTAL	0	0	0	0	0	0	0	0	0	0	0	555	280	0	0	280	0	0
568	Glenmont Forest Apts																	
568 Police Station/Catholic Charities	359,152									0	359,152					1,874	0	1,874
568 TOTAL	40,293	0	0	399,445	0	0	0	0	0	399,445	0	568	2,084	0	0	2,084	0	2,084
569	Winexburg Apt																	
569 Layhill Single-Family	360,786									0	360,786					1,882	0	1,882
569 English Court Townhouses										0	0				270	270	270	0
569 Saddlebrook/ParkPolice HQ										0	0				64	64	64	0
569 TOTAL	0	0	0	360,786	0	0	0	0	0	360,786	0	569	2,288	342	64	406	0	1,882
GRAND TOTALS										0	1,456,283				11,019	1,537	288	1,892
										0	1,456,283				265	265	8,902	9,167

1 Single family detached number is the count of lots zoned R60 or R90 from the GIS database.

2 Lots zoned R60 and R90 and larger than the minimum lot size, were divided by the minimum lot size to yield the possible number of single family detached lots.

3 CR Zoned properties assumed the maximum Residential FAR with Commercial FAR with the exception of the Glenmont Shopping Center

4 Non-Residential SF and Residential numbers for the Glenmont Shopping Center reflects what was tested for the financial economic study.

5 Residential units zoning maximum number based on FAR maximum total divided by 1,150 SF/unit.



12/10/2012

2013 PLANNING BOARD DRAFT PLAN BUILDOUT (2040)

Non-Resid

Resid

TAZ Area	Office jobs	Office SF	Retail jobs	Retail SF	Ind jobs	Ind SF	Other jobs	Other SF	Total SF	Total Jobs	Total SF	DU Totals	SF Det	SF Att	SF Total	MF low	MF High	MF Total		
551 North of Briggs Road Single-Fam	0	0	0	0	0	0	12	0	12	0	12	0	236	236	236	236	0	0	0	
551 TOTAL	0	0	0	0	0	0	12	0	12	0	12	0	236	236	236	236	0	0	0	
552 Georgia West Single-Family										10	0									
552 Foxhall Townhouses	0	0	0	0	0	0	0	0	0	4	0	4	0	482	482	482	482	48	48	0
552 TOTAL	0	0	0	0	0	0	0	0	0	14	0	14	0	552	530	482	48	530	0	0
553 Privacy World										225										
553 Station&Yard/Layhill Triangle/Geo Bapt	225	90,000								90,000										
553 Denley/Acorn SF/Two Churches	125	50,000								55	5,000	180	55,000	818	250	250	250	250	1,300	
553 Georgia Townhouses										5	30,000	5	30,000	52	52	52	52	52	52	0
553 TOTAL	0	0	350	140,000	0	0	60	35,000	410	175,000	410	175,000	553	2470	52	300	352	0	2,118	2,118
554 Glenwaye Gardens Condo										2	0									
554 Glenmont Shopping Center	680	169,936	637	254,903						1,317	424,839									
554 TOTAL	680	169,936	637	254,903	0	0	2	0	0	1,319	424,839	554	1,322	0	0	214	1,108	1,108	1,322	
555 Fire Station 18 site										10	21,000	10	21,000	0	0	0	0	0	0	
555 South Randolph Single-Family	0	0	0	0	0	0	0	0	0	11	0	11	0	239	239	0	239	0	0	0
555 TOTAL	0	0	0	0	0	0	0	0	0	21	21,000	21	21,000	555	239	0	239	0	0	0
568 Glenmont Forest Apts										125										
568 Police Station/Catholic Charities	125	50,000								281	60,000	281	60,000	0	0	0	0	0	0	0
568 TOTAL	0	0	125	50,000	0	0	281	60,000	406	110,000	406	110,000	568	1,874	0	0	482	1,874	1,874	
569 Winexburg Apt										50										
569 Layhill Single-Family	50	20,000								12	0	12	0	1,882	1,882	1,882	1,882	1,882	1,882	
569 English Court Townhouses										2	0	2	0	267	267	267	267	267	267	
569 Saddlebrook/ParkPolice HQ										107	62,000	107	62,000	0	64	64	64	64	64	0
569 TOTAL	0	0	50	20,000	0	0	121	62,000	171	82,000	171	82,000	569	2,213	64	331	0	1,882	1,882	
GRAND TOTALS	680	169,936	1,162	464,903	0	0	511	178,000	2,353	812,839	812,839	812,839	812,839	8,884	1,276	412	1,688	696	6,982	7,196

1. Jobs numbers based on 2040 Round 8.0 with some adjustments when compared to the ES202 database for 2010 along with field observations and assumptions.

2. Privacy World Retail SF and Residential numbers are based on the Development Plan associated with G-862 and G-863.

3. Retail SF and Residential numbers for the Glenmont Shopping Center reflects what was tested for the financial economic study.

4. Jobs for Privacy World, Glenwaye Gardens, Winexbury and Glenmont Forest Apartments are an estimate from the 2010 Round 8.0 forecast for the entire TAZ.



10/8/2013

2013 APPROVED AND ADOPTED PLAN PROJECTED SECTOR PLAN BUILDOUT (2040)

Non-Resid Resid

TAZ Area	Office jobs	Office SF	Retail jobs	Retail SF	Ind jobs	Ind SF	Other jobs	Other SF	Total SF	Total jobs	DU Total	SF Det	SF Att	SF Total	MF low	MF High	MF Total	
551 North of Briggs Road Single-Fam	0	0	0	0	0	0	12	0	12	0	0	236	236	236	0	0	0	
551 TOTAL	0	0	0	0	0	0	12	0	12	0	551	236	236	0	0	0	0	
552 Georgia West Single-Family										10	0							
552 W/WATA Triangle										0	10							
552 Foxhall Townhouses										0	0							
552 TOTAL	0	0	0	0	0	0	0	0	0	14	0	630	482	48	48	48	48	
553 Privacy World	225	90,000								225	90,000							
553 Station&Yard/Layhill Triangle/Geo Bapt	125	50,000					55	5,000	180	55	55,000					818	818	
553 Denley/Acorn SF/Two Churches							5	30,000	5	30,000					52	52	52	
553 Georgia Townhouses										0	0				50	50	50	
553 TOTAL	0	0	350	140,000	0	0	60	35,000	410	175,000	553	2,470	52	300	352	0	2,118	
554 Glenway Gardens Condo																		
554 Glenmont Shopping Center	680	169,936					637	254,903		2	0					214	214	214
554 TOTAL	680	169,936	637	254,903	0	0	2	0	0	2	1,319	424,839	554	1,322	0	0	214	1,108
555 Fire Station 18 site										10	21,000							
555 South Randolph Single-Family							11	0	11	0					239	239	239	
555 TOTAL	0	0	0	0	0	0	21	0	21	21	21,000	555	239	239	0	239	0	
568 Glenmont Forest Apts																		
568 Police Station/Catholic Charities										0	0							
568 TOTAL	0	0	0	0	0	0	0	0	0	281	60,000	568	482	0	0	482	0	
569 Winexburg Apt																		
569 Layhill Single-Family										0	0					456	456	456
569 English Court Townhouses										12	0					267	267	267
569 Saddlebrook/ParkPolice HQ										2	0					64	64	64
569 TOTAL	0	0	0	0	0	0	0	0	0	107	62,000	569	956	267	64	0	0	
GRAND TOTALS	680	169,936	987	394,903	0	0	511	178,000	2,178	742,839	6,335	1,276	412	1,688	1,152	3,495	4,647	

1. Jobs numbers based on 2040 Round 8.0 with some adjustments when compared to the Es202 database for 2010 along with field observations and assumptions.

2. Privacy World Retail SF and Residential numbers are based on the Development Plan associated with G-862 and G-863.

3. Retail SF and Residential numbers for the Glenmont Shopping Center reflects what was tested for the financial economic study.

4. Jobs for Privacy World, Glenway Gardens, Winexburg and Glenmont Forest Apartments are an estimate from the 2010 Round 8.0 forecast for the entire TAZ.