

Appendix A

Estimated Greenhouse Gas Emissions

Estimated Greenhouse Gas Emissions for Existing Campus (850,000 sf)

Section I: Buildings

Type (Residential) or Principal Activity (Commercial)	# Units	Square Feet (in thousands of square feet)	Emissions Per Unit or Per Thousand Square Feet (MTCO2e)			Lifespan Emissions (MTCO2e)
			Embodied	Energy	Transportation	
Single-Family Home.....	0		98	672	792	0
Multi-Family Unit in Large Building	0		33	357	766	0
Multi-Family Unit in Small Building	0		54	681	766	0
Mobile Home.....	0		41	475	709	0
Education		0.0	39	646	361	0
Food Sales		0.0	39	1,541	282	0
Food Service		24.0	39	1,994	561	62251
Health Care Inpatient		253.0	39	1,938	582	647326
Health Care Outpatient		257.0	39	737	571	346062
Lodging		0.0	39	777	117	0
Retail (Other Than Mall).....		5.5	39	577	247	4745
Office		166.0	39	723	588	223991
Public Assembly		0.0	39	733	150	0
Public Order and Safety		0.0	39	899	374	0
Religious Worship		0.0	39	339	129	0
Service		81.0	39	599	266	73230
Warehouse and Storage		0.0	39	352	181	0
Other		27.0	39	1,278	257	42503
Vacant		33.0	39	162	47	8165

846.5

Section II: Pavement.....

Pavement.....		231.00				11550
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Total Project Emissions:

1419823

Estimated Greenhouse Gas Emissions for Full Build-out (2.4 million sf)

Section I: Buildings

Type (Residential) or Principal Activity (Commercial)	# Units	Square Feet (in thousands of square feet)	Emissions Per Unit or Per Thousand Square Feet (MTCO2e)			Lifespan Emissions (MTCO2e)
			Embodied	Energy	Transportation	
Single-Family Home.....	0		98	672	792	0
Multi-Family Unit in Large Building	0		33	357	766	0
Multi-Family Unit in Small Building	0		54	681	766	0
Mobile Home.....	0		41	475	709	0
Education		0.0	39	646	361	0
Food Sales		0.0	39	1,541	282	0
Food Service		64.0	39	1,994	561	166004
Health Care Inpatient		906.6	39	1,938	582	2319628
Health Care Outpatient		258.0	39	737	571	347408
Lodging		0.0	39	777	117	0
Retail (Other Than Mall).....		5.5	39	577	247	4745
Office		835.3	39	723	588	1127108
Public Assembly		0.0	39	733	150	0
Public Order and Safety		0.0	39	899	374	0
Religious Worship		0.0	39	339	129	0
Service		330.6	39	599	266	298885
Warehouse and Storage		0.0	39	352	181	0
Other		0.0	39	1,278	257	0
Vacant		0.0	39	162	47	0

2,400.0

Section II: Pavement.....

Pavement.....		231.00				11550
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Total Project Emissions:

4275328