



Appendix C :

Calculations to obtain LEED Credits 6.1 and 6.2

Existing Window Design

Non group perimeter space					
Room Name	Room Number	Greater than 75% perimeter	Sqft that is perimeter space	# of Windows	Type of window
Office	LW050C	Yes	43	0	
Office	LW050B	Yes	100	1	hopper
Social Service	50	No	267	3	fixed frame
Mod. Patient Rm E1-A	NB057	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB059	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB061	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB063	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB065	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB067	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB069	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB071	Yes	212	1	Hopper
Patient Rm-3	NB075	Yes	241	1	Hopper
Patient Rm-3	NB077	Yes	241	1	Hopper
Patient Rm-3	NB079	Yes	241	1	Hopper
Patient Rm-3	NB081	Yes	241	1	Hopper
Patient Rm-3	NB083	Yes	241	1	Hopper
Patient Rm-3	NB085	Yes	241	1	Hopper
Patient Rm-3	NB087	Yes	241	1	Hopper
Patient Rm-3	NB089	Yes	241	1	Hopper
Patient Rm-3	NB091	Yes	241	1	Hopper
Patient Rm-3	NB093	Yes	241	1	Hopper
Medical Prep	NC095d	Yes	140	1	Fixed frame
Nurse Office	NC095b	Yes	169	1	fixed frame
New Patient Rm-5	NB101	Yes	208	1	Hopper
Ex. Patient Rm-E2	NC103	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC105	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC107	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC109	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC113	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC115	Yes	219	1	Hopper

Ex. Patient Rm-E2	NC117	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC131	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC135	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC137	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC139	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC141	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC143	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC145	Yes	219	1	Hopper
Nurse Office	ND121b	Yes	115	1	Fixed frame
Medical Prep Office	ND121d	Yes	173	1	fixed frame
Office	DA161b	Yes	82	0	
Patient Rm-1	NA021	Yes	155	1	Hopper
Patient Rm-1	NA023	Yes	155	1	Hopper
Patient Rm-1	NA025	Yes	155	1	Hopper
Patient Rm-1	NA027	Yes	155	1	Hopper
Patient Rm-1	NA029	Yes	155	1	Hopper
Patient Rm-1	NA031	Yes	155	1	Hopper
Patient Rm-1	NA033	Yes	155	1	Hopper
Patient Rm-1	NA005	Yes	155	1	Hopper
Patient Rm-1	NA007	Yes	155	1	Hopper
Patient Rm-1	NA009	Yes	155	1	Hopper
Patient Rm-1	NA011	Yes	155	1	Hopper
Patient Rm-1	NA013	Yes	155	1	Hopper
Patient Rm-1	NA015	Yes	155	1	Hopper
Patient Rm-1	NA017	Yes	155	1	Hopper
Patient Rm-2	NA020	Yes	261	1	Hopper
Patient Rm-2	NA022	Yes	261	1	Hopper
Patient Rm-2	NA024	Yes	261	1	Hopper
Patient Rm-2	NA026	Yes	261	1	Hopper
Patient Rm-2	NA028	Yes	261	1	Hopper
Patient Rm-2	NA030	Yes	261	1	Hopper
Patient Rm-2	NA032	Yes	261	1	Hopper
Patient Rm-2	NA034	Yes	261	1	Hopper
Patient Rm-2	NA04	Yes	261	1	Hopper
Patient Rm-2	NA06	Yes	261	1	Hopper
Patient Rm-2	NA08	Yes	261	1	Hopper
Patient Rm-2	NA10	Yes	261	1	Hopper

Patient Rm-2	NA12	Yes	261	1	Hopper
Patient Rm-2	NA14	Yes	261	1	Hopper
Patient Rm-2	NA16	Yes	261	1	Hopper
Patient Rm-2	NA18	Yes	261	1	Hopper
Nurse Office	NA019b	Yes	85	1	Fixed frame
New Patient Rm-4	NB056	Yes	220	1	Hopper
Mod Patient Rm-1	NB058	Yes	220	1	Hopper
Mod Patient Rm-E1	NB060	Yes	220	1	Hopper
Patient Rm-3	NB076	Yes	241	1	Hopper
Patient Rm-3	NB078	Yes	241	1	Hopper
Patient Rm-3	NB080	Yes	241	1	Hopper
Patient Rm-3	NB082	Yes	241	1	Hopper
Ex. Patient Rm-E2	NB104	Yes	219	1	Hopper
Ex. Patient Rm-E2	NB106	Yes	219	1	Hopper
Ex. Patient Rm-E2	NB108	Yes	219	1	Hopper
Ex. Patient Rm-E2	NB110	Yes	219	1	Hopper
Office	EA148	Yes	182	1	Fixed frame
Ex. Patient Rm-E2	ND134	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND136	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND138	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND140	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND142	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND144	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND112	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC114	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND116	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND118	Yes	219	1	Hopper
Development Office	EA171	Yes	535	1	Fixed frame
Office	EA168b	Yes	122	1	Fixed frame
Office	EA168d	Yes	122	1	Fixed frame
Office	EA168g	Yes	220	1	Fixed frame
Office	EA161j	Yes	111	1	Fixed frame
Office	EA161m	Yes	120	1	Fixed frame
Office	EA167	Yes	260	1	Fixed frame
Office	EA172	Yes	281	1	Fixed frame
Admin	1689	Yes	230	1	Fixed frame
Office	169a	Yes	220	1	Fixed frame

Office	169c	Yes	220	1	Fixed frame
Office	169f	Yes	220	1	Fixed frame
Office	169h	Yes	200	1	Fixed frame
Office	169k	Yes	200	1	Fixed frame
Patient Rm-1	NA205	Yes	155	1	Hopper
Patient Rm-1	NA207	Yes	155	1	Hopper
Patient Rm-1	NA209	Yes	155	1	Hopper
Patient Rm-1	NA211	Yes	155	1	Hopper
Patient Rm-1	NA213	Yes	155	1	Hopper
Patient Rm-1	NA215	Yes	155	1	Hopper
Patient Rm-1	NA217	Yes	155	1	Hopper
Mod Patient Rm E-1	NB258	Yes	220	1	Hopper
Mod Patient Rm E-1	NB260	Yes	220	1	Hopper
Mod Patient Rm E-1	NB262	Yes	220	1	Hopper
Mod Patient Rm E-1	NB264	Yes	220	1	Hopper
Mod Patient Rm E-1	NB266	Yes	220	1	Hopper
Mod Patient Rm E-1	NB268	Yes	220	1	Hopper
Mod Patient Rm E-1	NB270	Yes	220	1	Hopper
Mod Patient Rm E-1	NB272	Yes	220	1	Hopper
Mod Patient Rm E-1	NB259	Yes	220	1	Hopper
Mod Patient Rm E-1	NB261	Yes	220	1	Hopper
Mod Patient Rm E-1	NB263	Yes	220	1	Hopper
Mod Patient Rm E-1	NB265	Yes	220	1	Hopper
Mod Patient Rm E-1	NB267	Yes	220	1	Hopper
Mod Patient Rm E-1	NB269	Yes	220	1	Hopper
Mod Patient Rm E-1	NB271	Yes	220	1	Hopper
New Patient Rm-4	NB257	Yes	220	1	Hopper
Mod Patient Rm E-1	NB277	Yes	220	1	Hopper
Mod Patient Rm E-1	NB279	Yes	220	1	Hopper
Mod Patient Rm E-1	NB281	Yes	220	1	Hopper
Mod Patient Rm E-1	NB283	Yes	220	1	Hopper
Mod Patient Rm E-1	NB285	Yes	220	1	Hopper
Mod Patient Rm E-1	NB287	Yes	220	1	Hopper
Mod Patient Rm E-1	NB276	Yes	220	1	Hopper
Mod Patient Rm E-1	NB278	Yes	220	1	Hopper
Mod Patient Rm E-1	NB280	Yes	220	1	Hopper
Mod Patient Rm E-1	NB282	Yes	220	1	Hopper

Mod Patient Rm E-1	NB284	Yes	220	1	Hopper
Mod Patient Rm E-1	NB286	Yes	220	1	Hopper
Mod Patient Rm E-1	NB288	Yes	220	1	Hopper
New Patient Rm-4	NB280	Yes	220	1	Hopper
New Patient Rm-4	NB282	Yes	220	1	Hopper
New Patient Rm-4	NB281	Yes	220	1	Hopper
New Patient Rm-4	NB289	Yes	220	1	Hopper
Nurse Office	EA252b	Yes	108	1	Fixed frame
Patient Rm	NA221	Yes	177	1	Hopper
Patient Rm-1	NA223	Yes	155	1	Hopper
Patient Rm-1	NA225	Yes	155	1	Hopper
Patient Rm-1	NA227	Yes	155	1	Hopper
Patient Rm-1	NA229	Yes	155	1	Hopper
Patient Rm-1	NA231	Yes	155	1	Hopper
Patient Rm-1	NA233	Yes	155	1	Hopper
Patient Rm-2	NA220	Yes	261	1	Hopper
Patient Rm-2	NA222	Yes	261	1	Hopper
Patient Rm-2	NA224	Yes	261	1	Hopper
Patient Rm-2	NA226	Yes	261	1	Hopper
Patient Rm-2	NA228	Yes	261	1	Hopper
Patient Rm-2	NA230	Yes	261	1	Hopper
Patient Rm-2	NA232	Yes	261	1	Hopper
Patient Rm-2	NA234	Yes	261	1	Hopper
Nurse Office	NA219b	Yes	85	1	Fixed frame
Patient Rm-2	NA204	Yes	261	1	Hopper

Total Area	34827
Operable windows needed	174
Operable windows in design	139
Operable windows to be added	35

group perimeter space

Room Name	Room Number	Area perimeter	Area Non-perimeter	# Windows	Window Type
Patient Lounge -C	NC097	Yes	1612	1	Fixed Frame
Lounge	111	Yes	175	1	Hopper
Patient Lounge-D	ND125	Yes	1658	1	Fixed Frame
Beauty Shop	LB147	Yes	333	1	Fixed Frame
Lounge	DA161G	Yes	407	1	Fixed Frame
West Lounge A	NA035	Yes	317	4	Casement
East Lounge A	NA001	Yes	317	4	Casement
Visitor's Lounge	DV146	Yes	1100	3	Fixed Frame
West Lounge D	235	Yes	317	4	Casement
East Lounge A	NA201	Yes	317	4	Casement

Total Area	6553
Operable windows needed	33
Operable windows in design	17
Operable windows to be added	16

group non-perimeter space

Room Name	Room Number	Area perimeter	Area Non-perimeter	# Windows	Window Type
Patient Lounge	NB073	1300	1000	2	Fixed Frame
Dining/Meeting	DMB156	615	460	2	Fixed Frame
Adult Daycare	DA161	1014	786	2	Fixed Frame
Conference	170	191	81	1	Fixed Frame
Adult Daycare	DC152	790	815	2	Fixed Frame
Dining Rm	247	1330	2314	8	Fixed Frame
Meeting	NB252a	0	239	0	
Meeting	NA019a	0	164	0	
Conference	DT159q	0	163	0	

Total Perimeter Area	5240
Operable windows needed	27
Operable windows in design	17
Operable windows to be added	10

New Window Design for LEED credit 6.1

Non group perimeter space					
Room Name	Room Number	Greater than 75% perimeter	Sqft that is perimeter space	# of Windows	Type of window
Office	LW050C	Yes	43	1	Hopper
Office	LW050B	Yes	100	1	hopper
Social Service	50	No	267	3	casement
Mod. Patient Rm E1-A	NB057	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB059	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB061	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB063	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB065	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB067	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB069	Yes	212	1	Hopper
Mod. Patient Rm E1-A	NB071	Yes	212	1	Hopper
Patient Rm-3	NB075	Yes	241	1	Hopper
Patient Rm-3	NB077	Yes	241	1	Hopper
Patient Rm-3	NB079	Yes	241	1	Hopper
Patient Rm-3	NB081	Yes	241	1	Hopper
Patient Rm-3	NB083	Yes	241	1	Hopper
Patient Rm-3	NB085	Yes	241	1	Hopper
Patient Rm-3	NB087	Yes	241	1	Hopper
Patient Rm-3	NB089	Yes	241	1	Hopper
Patient Rm-3	NB091	Yes	241	1	Hopper
Patient Rm-3	NB093	Yes	241	1	Hopper
Medical Prep	NC095d	Yes	140	1	Fixed frame
Nurse Office	NC095b	Yes	169	1	Hopper
New Patient Rm-5	NB101	Yes	208	1	Hopper
Ex. Patient Rm-E2	NC103	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC105	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC107	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC109	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC113	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC115	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC117	Yes	219	1	Hopper

Highlighted windows have been changed in this design

Ex. Patient Rm-E2	NC131	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC135	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC137	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC139	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC141	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC143	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC145	Yes	219	1	Hopper
Nurse Office	ND121b	Yes	115	1	Hopper
Medical Prep Office	ND121d DA161b	Yes Yes	173 82	1 0	fixed frame
Patient Rm-1	NA021	Yes	155	1	Hopper
Patient Rm-1	NA023	Yes	155	1	Hopper
Patient Rm-1	NA025	Yes	155	1	Hopper
Patient Rm-1	NA027	Yes	155	1	Hopper
Patient Rm-1	NA029	Yes	155	1	Hopper
Patient Rm-1	NA031	Yes	155	1	Hopper
Patient Rm-1	NA033	Yes	155	1	Hopper
Patient Rm-1	NA005	Yes	155	1	Hopper
Patient Rm-1	NA007	Yes	155	1	Hopper
Patient Rm-1	NA009	Yes	155	1	Hopper
Patient Rm-1	NA011	Yes	155	1	Hopper
Patient Rm-1	NA013	Yes	155	1	Hopper
Patient Rm-1	NA015	Yes	155	1	Hopper
Patient Rm-1	NA017	Yes	155	1	Hopper
Patient Rm-2	NA020	Yes	261	1	Hopper
Patient Rm-2	NA022	Yes	261	1	Hopper
Patient Rm-2	NA024	Yes	261	1	Hopper
Patient Rm-2	NA026	Yes	261	1	Hopper
Patient Rm-2	NA028	Yes	261	1	Hopper
Patient Rm-2	NA030	Yes	261	1	Hopper
Patient Rm-2	NA032	Yes	261	1	Hopper
Patient Rm-2	NA034	Yes	261	1	Hopper
Patient Rm-2	NA04	Yes	261	1	Hopper
Patient Rm-2	NA06	Yes	261	1	Hopper
Patient Rm-2	NA08	Yes	261	1	Hopper
Patient Rm-2	NA10	Yes	261	1	Hopper
Patient Rm-2	NA12	Yes	261	1	Hopper

Patient Rm-2	NA14	Yes	261	1	Hopper
Patient Rm-2	NA16	Yes	261	1	Hopper
Patient Rm-2	NA18	Yes	261	1	Hopper
Nurse Office	NA019b	Yes	85	1	Hopper
New Patient Rm-4	NB056	Yes	220	1	Hopper
Mod Patient Rm-1	NB058	Yes	220	1	Hopper
Mod Patient Rm-E1	NB060	Yes	220	1	Hopper
Patient Rm-3	NB076	Yes	241	1	Hopper
Patient Rm-3	NB078	Yes	241	1	Hopper
Patient Rm-3	NB080	Yes	241	1	Hopper
Patient Rm-3	NB082	Yes	241	1	Hopper
Ex. Patient Rm-E2	NB104	Yes	219	1	Hopper
Ex. Patient Rm-E2	NB106	Yes	219	1	Hopper
Ex. Patient Rm-E2	NB108	Yes	219	1	Hopper
Ex. Patient Rm-E2	NB110	Yes	219	1	Hopper
Office	EA148	Yes	182	1	Hopper
Ex. Patient Rm-E2	ND134	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND136	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND138	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND140	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND142	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND144	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND112	Yes	219	1	Hopper
Ex. Patient Rm-E2	NC114	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND116	Yes	219	1	Hopper
Ex. Patient Rm-E2	ND118	Yes	219	1	Hopper
Development Office	EA171	Yes	535	6	Hopper
Office	EA168b	Yes	122	1	Hopper
Office	EA168d	Yes	122	1	Hopper
Office	EA168g	Yes	220	1	Hopper
Office	EA161j	Yes	111	1	Hopper
Office	EA161m	Yes	120	1	Hopper
Office	EA167	Yes	260	1	Hopper
Office	EA172	Yes	281	5	Hopper
Admin	1689	Yes	230	1	Hopper
Office	169a	Yes	220	1	Hopper
Office	169c	Yes	220	1	Hopper

Office	169f	Yes	220	1	Hopper
Office	169h	Yes	200	1	Hopper
Office	169k	Yes	200	1	Hopper
Patient Rm-1	NA205	Yes	155	1	Hopper
Patient Rm-1	NA207	Yes	155	1	Hopper
Patient Rm-1	NA209	Yes	155	1	Hopper
Patient Rm-1	NA211	Yes	155	1	Hopper
Patient Rm-1	NA213	Yes	155	1	Hopper
Patient Rm-1	NA215	Yes	155	1	Hopper
Patient Rm-1	NA217	Yes	155	1	Hopper
Mod Patient Rm E-1	NB258	Yes	220	1	Hopper
Mod Patient Rm E-1	NB260	Yes	220	1	Hopper
Mod Patient Rm E-1	NB262	Yes	220	1	Hopper
Mod Patient Rm E-1	NB264	Yes	220	1	Hopper
Mod Patient Rm E-1	NB266	Yes	220	1	Hopper
Mod Patient Rm E-1	NB268	Yes	220	1	Hopper
Mod Patient Rm E-1	NB270	Yes	220	1	Hopper
Mod Patient Rm E-1	NB272	Yes	220	1	Hopper
Mod Patient Rm E-1	NB259	Yes	220	1	Hopper
Mod Patient Rm E-1	NB261	Yes	220	1	Hopper
Mod Patient Rm E-1	NB263	Yes	220	1	Hopper
Mod Patient Rm E-1	NB265	Yes	220	1	Hopper
Mod Patient Rm E-1	NB267	Yes	220	1	Hopper
Mod Patient Rm E-1	NB269	Yes	220	1	Hopper
Mod Patient Rm E-1	NB271	Yes	220	1	Hopper
New Patient Rm-4	NB257	Yes	220	1	Hopper
Mod Patient Rm E-1	NB277	Yes	220	1	Hopper
Mod Patient Rm E-1	NB279	Yes	220	1	Hopper
Mod Patient Rm E-1	NB281	Yes	220	1	Hopper
Mod Patient Rm E-1	NB283	Yes	220	1	Hopper
Mod Patient Rm E-1	NB285	Yes	220	1	Hopper
Mod Patient Rm E-1	NB287	Yes	220	1	Hopper
Mod Patient Rm E-1	NB276	Yes	220	1	Hopper
Mod Patient Rm E-1	NB278	Yes	220	1	Hopper
Mod Patient Rm E-1	NB280	Yes	220	1	Hopper
Mod Patient Rm E-1	NB282	Yes	220	1	Hopper
Mod Patient Rm E-1	NB284	Yes	220	1	Hopper

Mod Patient Rm E-1	NB286	Yes	220	1	Hopper
Mod Patient Rm E-1	NB288	Yes	220	1	Hopper
New Patient Rm-4	NB280	Yes	220	1	Hopper
New Patient Rm-4	NB282	Yes	220	1	Hopper
New Patient Rm-4	NB281	Yes	220	1	Hopper
New Patient Rm-4	NB289	Yes	220	1	Hopper
Nurse Office	EA252b	Yes	108	1	Hopper
Patient Rm	NA221	Yes	177	1	Hopper
Patient Rm-1	NA223	Yes	155	1	Hopper
Patient Rm-1	NA225	Yes	155	1	Hopper
Patient Rm-1	NA227	Yes	155	1	Hopper
Patient Rm-1	NA229	Yes	155	1	Hopper
Patient Rm-1	NA231	Yes	155	1	Hopper
Patient Rm-1	NA233	Yes	155	1	Hopper
Patient Rm-2	NA220	Yes	261	1	Hopper
Patient Rm-2	NA222	Yes	261	1	Hopper
Patient Rm-2	NA224	Yes	261	1	Hopper
Patient Rm-2	NA226	Yes	261	1	Hopper
Patient Rm-2	NA228	Yes	261	1	Hopper
Patient Rm-2	NA230	Yes	261	1	Hopper
Patient Rm-2	NA232	Yes	261	1	Hopper
Patient Rm-2	NA234	Yes	261	1	Hopper
Nurse Office	NA219b	Yes	85	1	Hopper
Patient Rm-2	NA204	Yes	261	1	Hopper

Total Area	34827
Operable windows needed	174
Operable windows in design	174
Operable windows to be added	0

group perimeter space					
Room Name	Room Number	Area perimeter	Area Non-perimeter	# Windows	Window Type
Patient Lounge -C	NC097	Yes	1612	4	Casement
Lounge	111	Yes	175	1	Hopper
Patient Lounge-D	ND125	Yes	1658	4	Casement
Beauty Shop	LB147	Yes	333	1	Fixed Frame
Lounge	DA161G	Yes	407	1	Casement
West Lounge A	NA035	Yes	317	5	Casement
East Lounge A	NA001	Yes	317	5	Casement
Visitor's Lounge	DV146	Yes	1100	3	Casement
West Lounge D	235	Yes	317	5	Casement
East Lounge A	NA201	Yes	317	5	Casement

Total Area	6553
Operable windows needed	33
Operable windows in design	33
Operable windows to be added	0

group non-perimeter space					
Room Name	Room Number	Area perimeter	Area Non-perimeter	# Windows	Window Type
Patient Lounge	NB073	1300	1000	4	Casement
Dining/Meeting	DMB156	615	460	4	Casement and hopper
Adult Daycare	DA161	1014	786	3	Casement
Conference	170	191	81	1	Hopper
Adult Daycare	DC152	790	815	3	Casement
Dining Rm	247	1330	2314	12	Hopper
Meeting	NB252a	0	239	0	
Meeting	NA019a	0	164	0	
Conference	DT159q	0	163	0	

Total Perimeter Area	5240
Operable windows needed	26
Operable windows in design	27
Operable windows to be added	-1

Lighting Control Calculation for LEED credit 6.1

Non group perimeter space				
Room Name	Room Number	Greater than 75% perimeter	Sqft that is perimeter space	# Ltg. Controls
Office	LW050C	Yes	43	4
Office	LW050B	Yes	100	4
Social Service	50	No	267	4
Mod. Patient Rm E1-A	NB057	Yes	212	2
Mod. Patient Rm E1-A	NB059	Yes	212	2
Mod. Patient Rm E1-A	NB061	Yes	212	2
Mod. Patient Rm E1-A	NB063	Yes	212	2
Mod. Patient Rm E1-A	NB065	Yes	212	2
Mod. Patient Rm E1-A	NB067	Yes	212	2
Mod. Patient Rm E1-A	NB069	Yes	212	2
Mod. Patient Rm E1-A	NB071	Yes	212	2
Patient Rm-3	NB075	Yes	241	2
Patient Rm-3	NB077	Yes	241	2
Patient Rm-3	NB079	Yes	241	2
Patient Rm-3	NB081	Yes	241	2
Patient Rm-3	NB083	Yes	241	2
Patient Rm-3	NB085	Yes	241	2
Patient Rm-3	NB087	Yes	241	2
Patient Rm-3	NB089	Yes	241	2
Patient Rm-3	NB091	Yes	241	2
Patient Rm-3	NB093	Yes	241	2
Medical Prep	NC095d	Yes	140	4
Nurse Office	NC095b	Yes	169	4
New Patient Rm-5	NB101	Yes	208	2
Ex. Patient Rm-E2	NC103	Yes	219	2
Ex. Patient Rm-E2	NC105	Yes	219	2
Ex. Patient Rm-E2	NC107	Yes	219	2
Ex. Patient Rm-E2	NC109	Yes	219	2
Ex. Patient Rm-E2	NC113	Yes	219	2
Ex. Patient Rm-E2	NC115	Yes	219	2
Ex. Patient Rm-E2	NC117	Yes	219	2

Ex. Patient Rm-E2	NC131	Yes	219	2
Ex. Patient Rm-E2	NC135	Yes	219	2
Ex. Patient Rm-E2	NC137	Yes	219	2
Ex. Patient Rm-E2	NC139	Yes	219	2
Ex. Patient Rm-E2	NC141	Yes	219	2
Ex. Patient Rm-E2	NC143	Yes	219	2
Ex. Patient Rm-E2	NC145	Yes	219	2
Nurse Office	ND121b	Yes	115	4
Medical Prep Office	ND121d DA161b	Yes Yes	173 82	4 4
Patient Rm-1	NA021	Yes	155	2
Patient Rm-1	NA023	Yes	155	2
Patient Rm-1	NA025	Yes	155	2
Patient Rm-1	NA027	Yes	155	2
Patient Rm-1	NA029	Yes	155	2
Patient Rm-1	NA031	Yes	155	2
Patient Rm-1	NA033	Yes	155	2
Patient Rm-1	NA005	Yes	155	2
Patient Rm-1	NA007	Yes	155	2
Patient Rm-1	NA009	Yes	155	2
Patient Rm-1	NA011	Yes	155	2
Patient Rm-1	NA013	Yes	155	2
Patient Rm-1	NA015	Yes	155	2
Patient Rm-1	NA017	Yes	155	2
Patient Rm-2	NA020	Yes	261	2
Patient Rm-2	NA022	Yes	261	2
Patient Rm-2	NA024	Yes	261	2
Patient Rm-2	NA026	Yes	261	2
Patient Rm-2	NA028	Yes	261	2
Patient Rm-2	NA030	Yes	261	2
Patient Rm-2	NA032	Yes	261	2
Patient Rm-2	NA034	Yes	261	2
Patient Rm-2	NA04	Yes	261	2
Patient Rm-2	NA06	Yes	261	2
Patient Rm-2	NA08	Yes	261	2
Patient Rm-2	NA10	Yes	261	2
Patient Rm-2	NA12	Yes	261	2

Patient Rm-2	NA14	Yes	261	2
Patient Rm-2	NA16	Yes	261	2
Patient Rm-2	NA18	Yes	261	2
Nurse Office	NA019b	Yes	85	3
New Patient Rm-4	NB056	Yes	220	2
Mod Patient Rm-1	NB058	Yes	220	2
Mod Patient Rm-E1	NB060	Yes	220	2
Patient Rm-3	NB076	Yes	241	2
Patient Rm-3	NB078	Yes	241	2
Patient Rm-3	NB080	Yes	241	2
Patient Rm-3	NB082	Yes	241	2
Ex. Patient Rm-E2	NB104	Yes	219	2
Ex. Patient Rm-E2	NB106	Yes	219	2
Ex. Patient Rm-E2	NB108	Yes	219	2
Ex. Patient Rm-E2	NB110	Yes	219	2
Office	EA148	Yes	182	4
Ex. Patient Rm-E2	ND134	Yes	219	2
Ex. Patient Rm-E2	ND136	Yes	219	2
Ex. Patient Rm-E2	ND138	Yes	219	2
Ex. Patient Rm-E2	ND140	Yes	219	2
Ex. Patient Rm-E2	ND142	Yes	219	2
Ex. Patient Rm-E2	ND144	Yes	219	2
Ex. Patient Rm-E2	ND112	Yes	219	2
Ex. Patient Rm-E2	NC114	Yes	219	2
Ex. Patient Rm-E2	ND116	Yes	219	2
Ex. Patient Rm-E2	ND118	Yes	219	2
Development Office	EA171	Yes	535	4
Office	EA168b	Yes	122	4
Office	EA168d	Yes	122	4
Office	EA168g	Yes	220	4
Office	EA161j	Yes	111	4
Office	EA161m	Yes	120	4
Office	EA167	Yes	260	4
Office	EA172	Yes	281	4
Admin	1689	Yes	230	4
Office	169a	Yes	220	4
Office	169c	Yes	220	4

Office	169f	Yes	220	4
Office	169h	Yes	200	4
Office	169k	Yes	200	4
Patient Rm-1	NA205	Yes	155	2
Patient Rm-1	NA207	Yes	155	2
Patient Rm-1	NA209	Yes	155	2
Patient Rm-1	NA211	Yes	155	2
Patient Rm-1	NA213	Yes	155	2
Patient Rm-1	NA215	Yes	155	2
Patient Rm-1	NA217	Yes	155	2
Mod Patient Rm E-1	NB258	Yes	220	2
Mod Patient Rm E-1	NB260	Yes	220	2
Mod Patient Rm E-1	NB262	Yes	220	2
Mod Patient Rm E-1	NB264	Yes	220	2
Mod Patient Rm E-1	NB266	Yes	220	2
Mod Patient Rm E-1	NB268	Yes	220	2
Mod Patient Rm E-1	NB270	Yes	220	2
Mod Patient Rm E-1	NB272	Yes	220	2
Mod Patient Rm E-1	NB259	Yes	220	2
Mod Patient Rm E-1	NB261	Yes	220	2
Mod Patient Rm E-1	NB263	Yes	220	2
Mod Patient Rm E-1	NB265	Yes	220	2
Mod Patient Rm E-1	NB267	Yes	220	2
Mod Patient Rm E-1	NB269	Yes	220	2
Mod Patient Rm E-1	NB271	Yes	220	2
New Patient Rm-4	NB257	Yes	220	2
Mod Patient Rm E-1	NB277	Yes	220	2
Mod Patient Rm E-1	NB279	Yes	220	2
Mod Patient Rm E-1	NB281	Yes	220	2
Mod Patient Rm E-1	NB283	Yes	220	2
Mod Patient Rm E-1	NB285	Yes	220	2
Mod Patient Rm E-1	NB287	Yes	220	2
Mod Patient Rm E-1	NB276	Yes	220	2
Mod Patient Rm E-1	NB278	Yes	220	2
Mod Patient Rm E-1	NB280	Yes	220	2
Mod Patient Rm E-1	NB282	Yes	220	2
Mod Patient Rm E-1	NB284	Yes	220	2

Mod Patient Rm E-1	NB286	Yes	220	2
Mod Patient Rm E-1	NB288	Yes	220	2
New Patient Rm-4	NB280	Yes	220	2
New Patient Rm-4	NB282	Yes	220	2
New Patient Rm-4	NB281	Yes	220	2
New Patient Rm-4	NB289	Yes	220	2
Nurse Office	EA252b	Yes	108	2
Patient Rm	NA221	Yes	177	2
Patient Rm-1	NA223	Yes	155	2
Patient Rm-1	NA225	Yes	155	2
Patient Rm-1	NA227	Yes	155	2
Patient Rm-1	NA229	Yes	155	2
Patient Rm-1	NA231	Yes	155	2
Patient Rm-1	NA233	Yes	155	2
Patient Rm-2	NA220	Yes	261	2
Patient Rm-2	NA222	Yes	261	2
Patient Rm-2	NA224	Yes	261	2
Patient Rm-2	NA226	Yes	261	2
Patient Rm-2	NA228	Yes	261	2
Patient Rm-2	NA230	Yes	261	2
Patient Rm-2	NA232	Yes	261	2
Patient Rm-2	NA234	Yes	261	2
Nurse Office	NA219b	Yes	85	4
Patient Rm-2	NA204	Yes	261	2

Total Area	34827
Lighting controls required	174
Lighting controls in design	381

Non group non-perimeter space					
Room Name	Room Number	Area sqft	Lighting Control Type	# Occupants	# Controls
Med. Prep	NA019d	131	One DALI group control	1	2
Physical Therapy	DT159a	1500	One DALI group control and 2 photosensors	15	6
Occupational Therapy	DT159b	340	One DALI group control and one occupancy sensor	2	4
Reception	DT159s	100	One DALI group control	3	2
Director	DT159r	100	One DALI group control and one occupancy sensor	1	4
Speech	DT159n	125	One DALI group control and one occupancy sensor	1	4
Phycatrist	DT159k	125	One DALI group control and one occupancy sensor	1	4

Number of Occupants	22
Lighting controls required	11
Lighting controls in design	26

Group Perimeter Spaces				
Room Name	Room Number	Area Sqft	Lighting Control Type	# Controls
Patient Lounge -C	NC097	1612	One DALI group control, one occupancy sensor, one photosensor	6
Lounge	111	175	One DALI group control and one occupancy sensor	4
Patient Lounge-D	ND125	1658	One DALI group control, one occupancy sensor, one photosensor	6
Beauty Shop	LB147	333	One automatic on/off switch and one DALI group controller	4
Lounge	DA161G	407	One DALI group control and one occupancy sensor	4
West Lounge A	NA035	317	One DALI group control, one occupancy sensor, one photosensor	6
East Lounge A	NA001	317	One DALI group control, one occupancy sensor, one photosensor	6
Visitor's Lounge	DV146	1100	One DALI group control and one occupancy sensor	4
West Lounge D	235	317	One DALI group control, one occupancy sensor, one photosensor	6
East Lounge A	NA201	317	One DALI group control, one occupancy sensor, one photosensor	6
Area sqft				6553
Lighting controls required				30
Lighting controls in design				52

Group non-Perimeter Spaces					
Room Name	Room Number	Area perimeter Sqft	Area non perimeter	Lighting Control Type	# Controls
Patient Lounge	NB073	1300	1000	One DALI group control and one occupy sensor	4
Dining/Meeting	DMB156	615	460	One DALI group control and one occupy sensor	4
Adult Daycare	DA161	1014	786	One DALI group control and one automatic on/off switch	4
Conference	170	191	81	One DALI group and scene control and one occupancy sensor	4
Adult Daycare	DC152	790	815	One DALI group control and one automatic on/off switch	4
Dining Rm	247	1330	2314	One DALI group control and one occupy sensor	4
Meeting	NB2529	0	239	One DALI group control and one occupy sensor	4
Meeting	NA019a	0	164	One DALI group control and one occupy sensor	4
Conference	DT159q	0	163	One DALI group control and one occupy sensor	4

Lighting controls required	27
Lighting controls in design	36

Non-Perimeter Spaces

Room Name	Room Number	Area sqft	Lighting Control Type	# Occupants	Airflow controls	Temperature Controls
Med. Prep	NA019d	131	One DALI group control	1	1	1
Physical Therapy	DT159a	1500	One DALI group control and 2 photosensors	15	4	5
Occupational Therapy	DT159b	340	One DALI group control and one occupancy sensor	2	2	1
Reception	DT159s	100	One DALI group control	3	1	1
Director	DT159r	100	One DALI group control and one occupancy sensor	1	1	1
Speech	DT159n	125	One DALI group control and one occupancy sensor	1	1	1
Phycatrist	DT159k	125	One DALI group control and one occupancy sensor	1	1	1

Total Controls

11

11