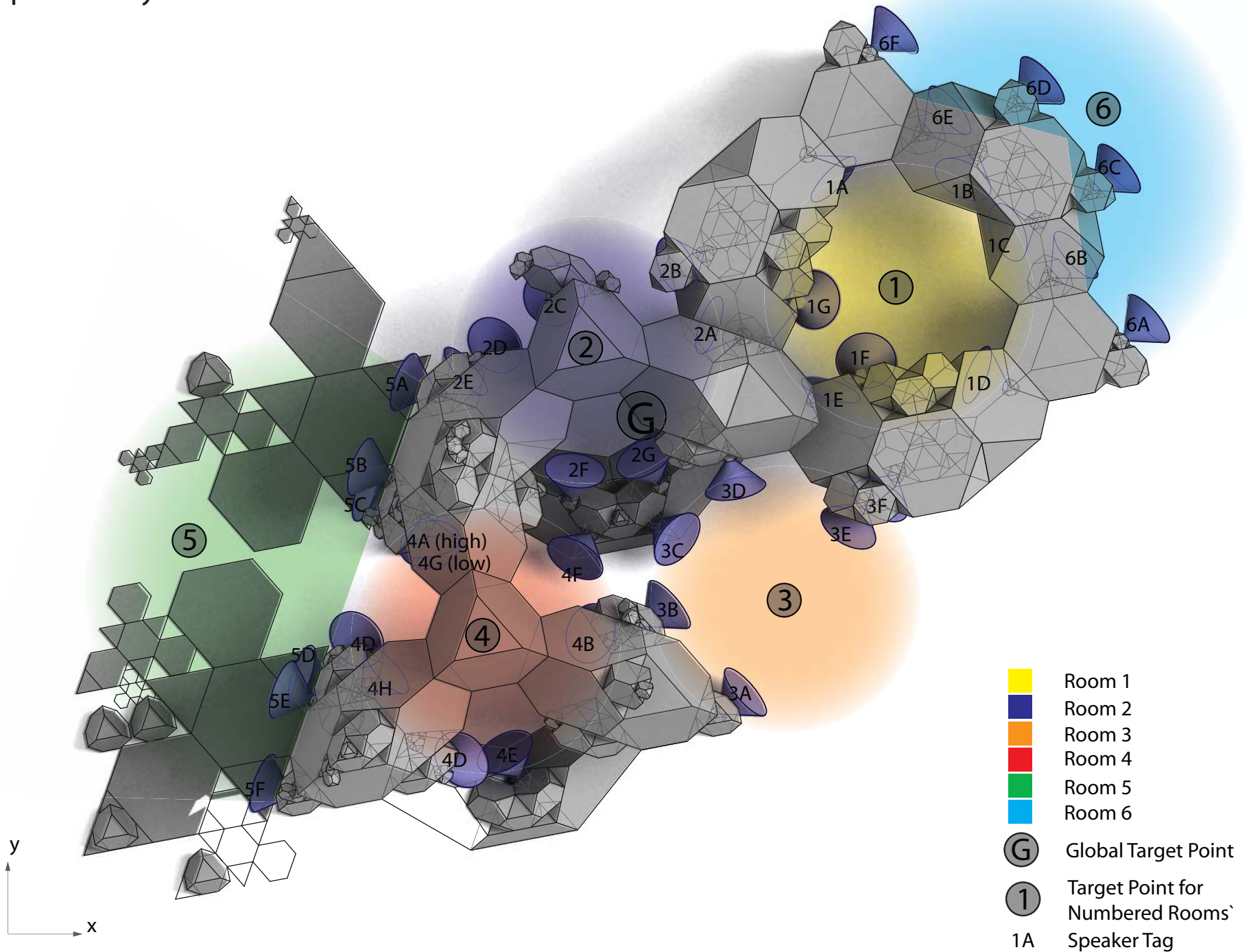
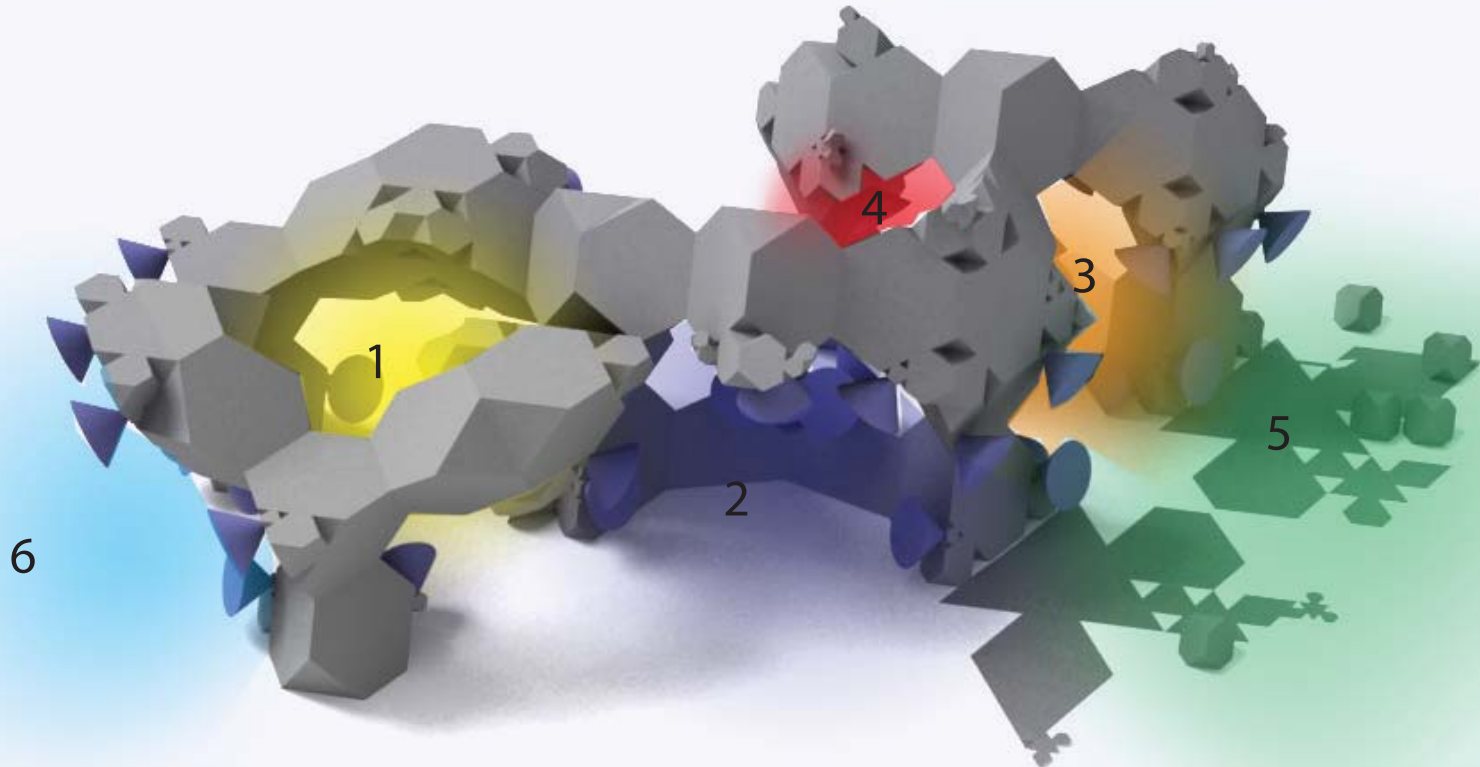


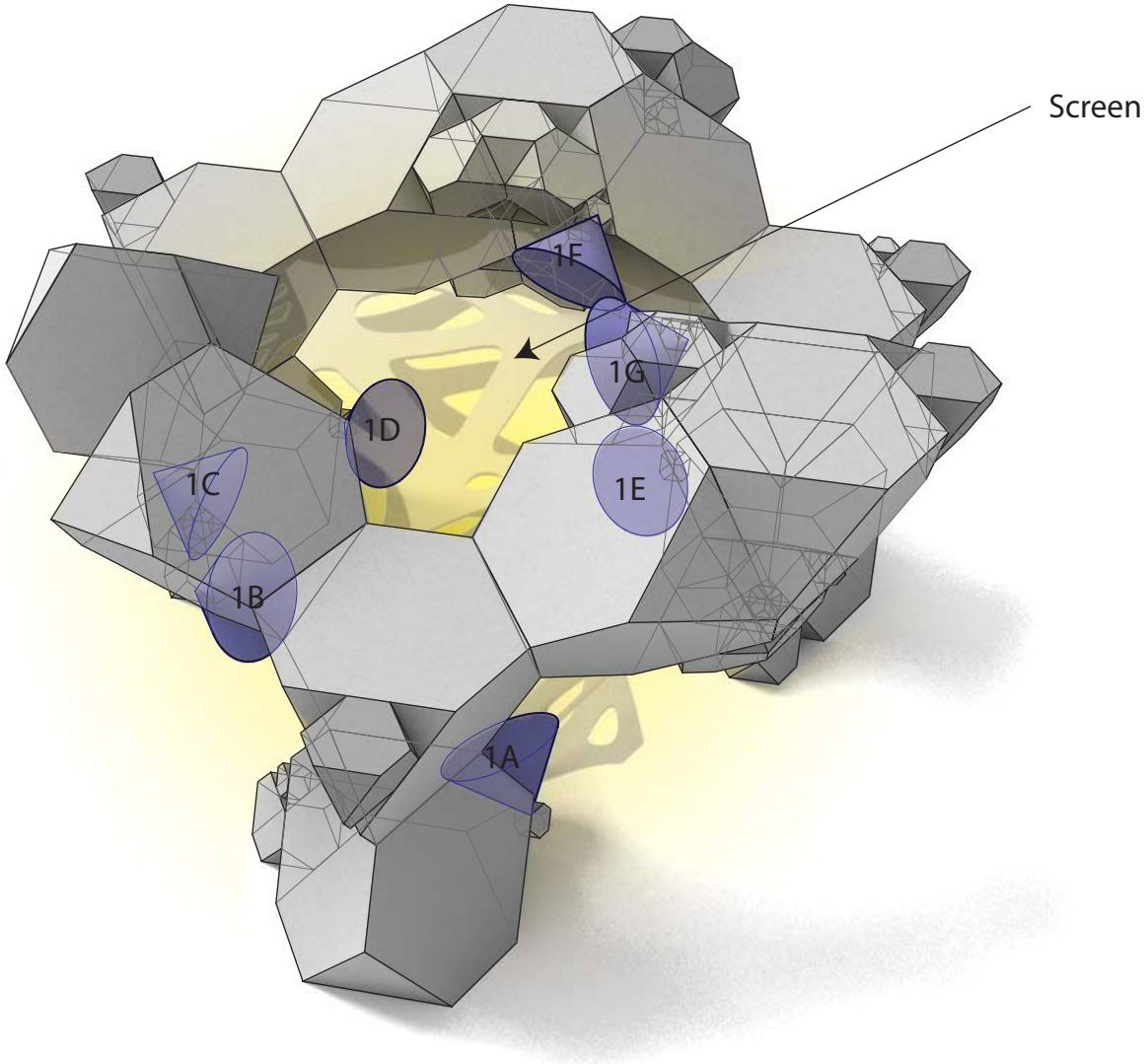
Speaker Key Plan



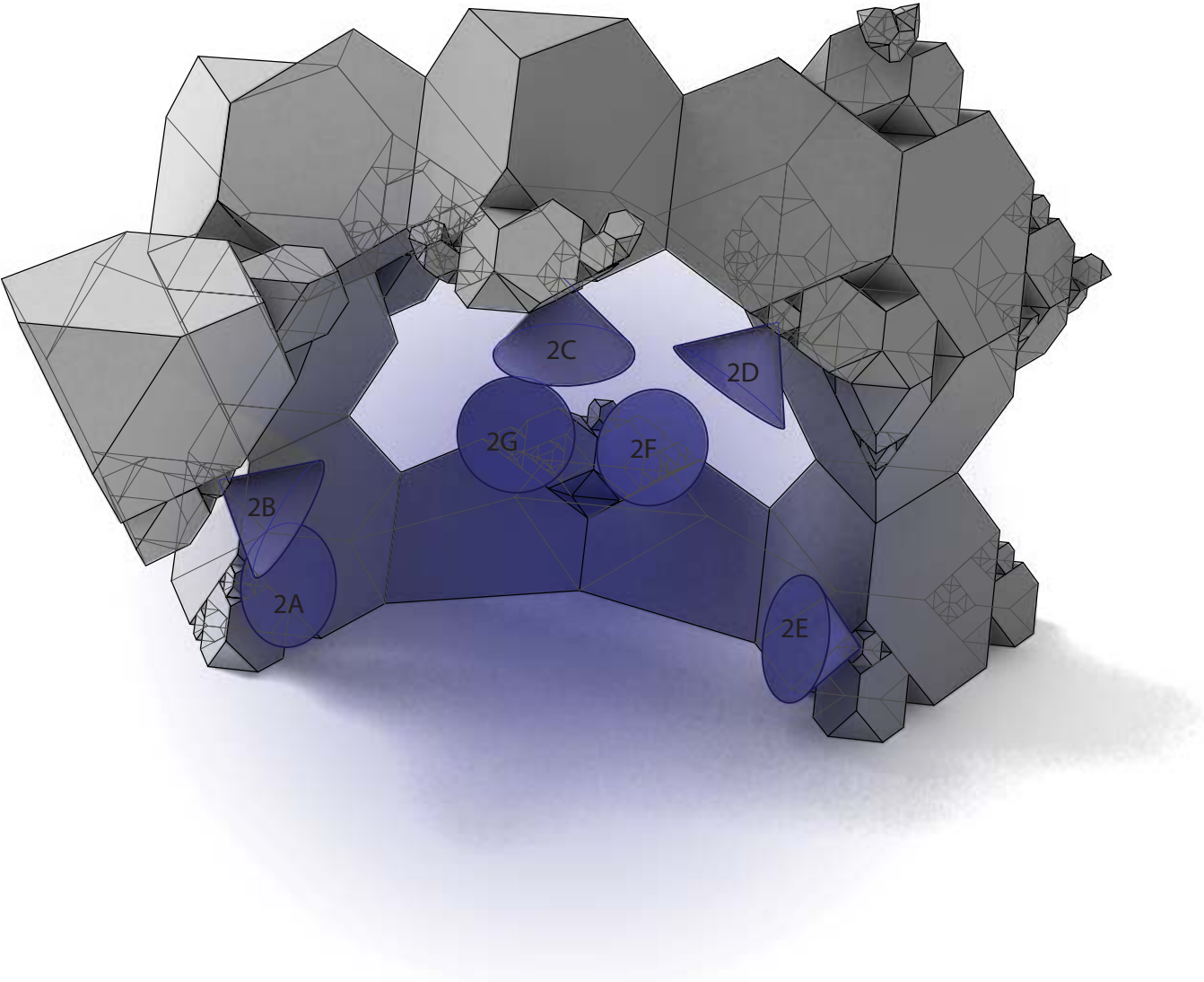
Spatial Configuration



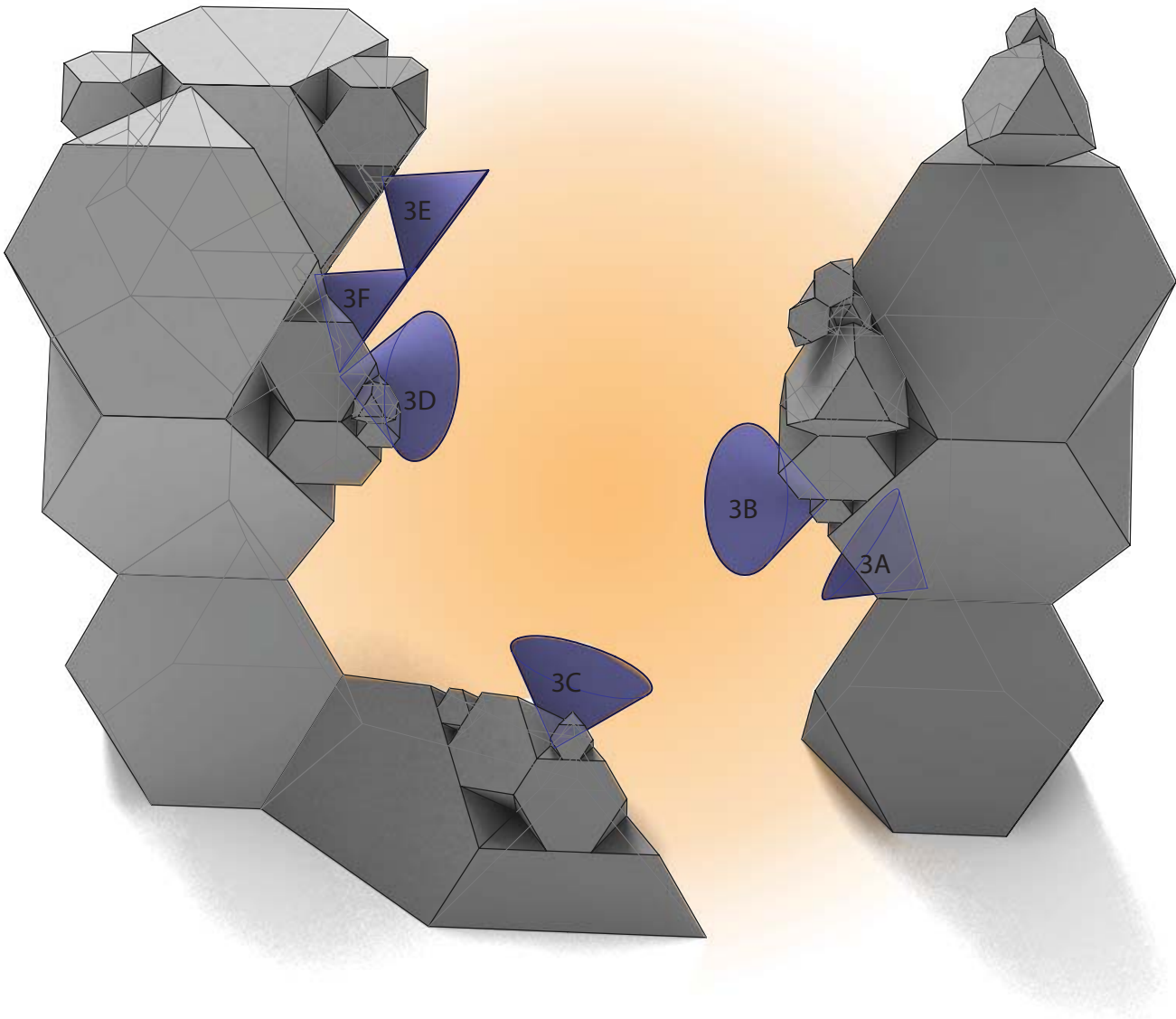
Room 1



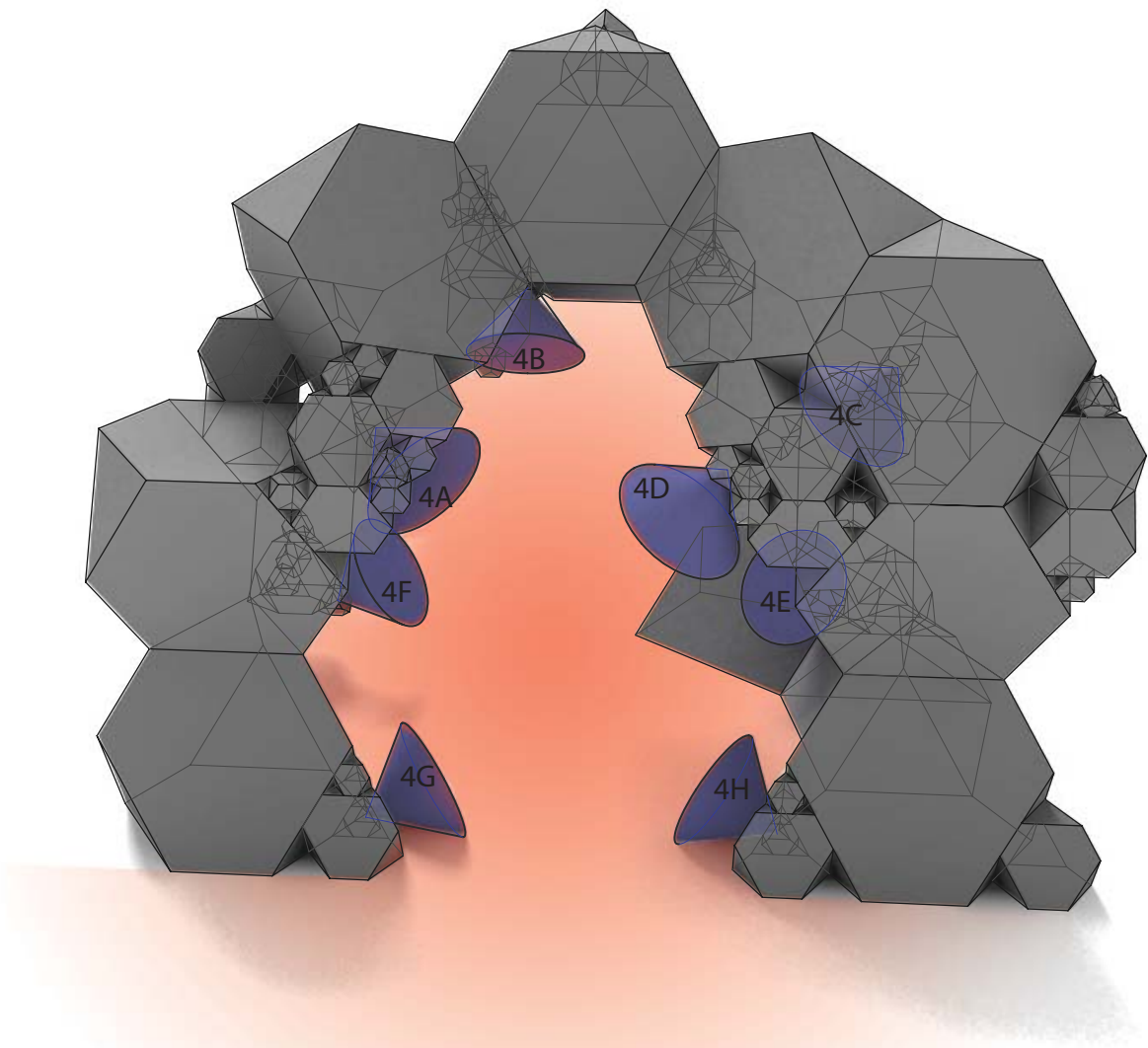
Room 2



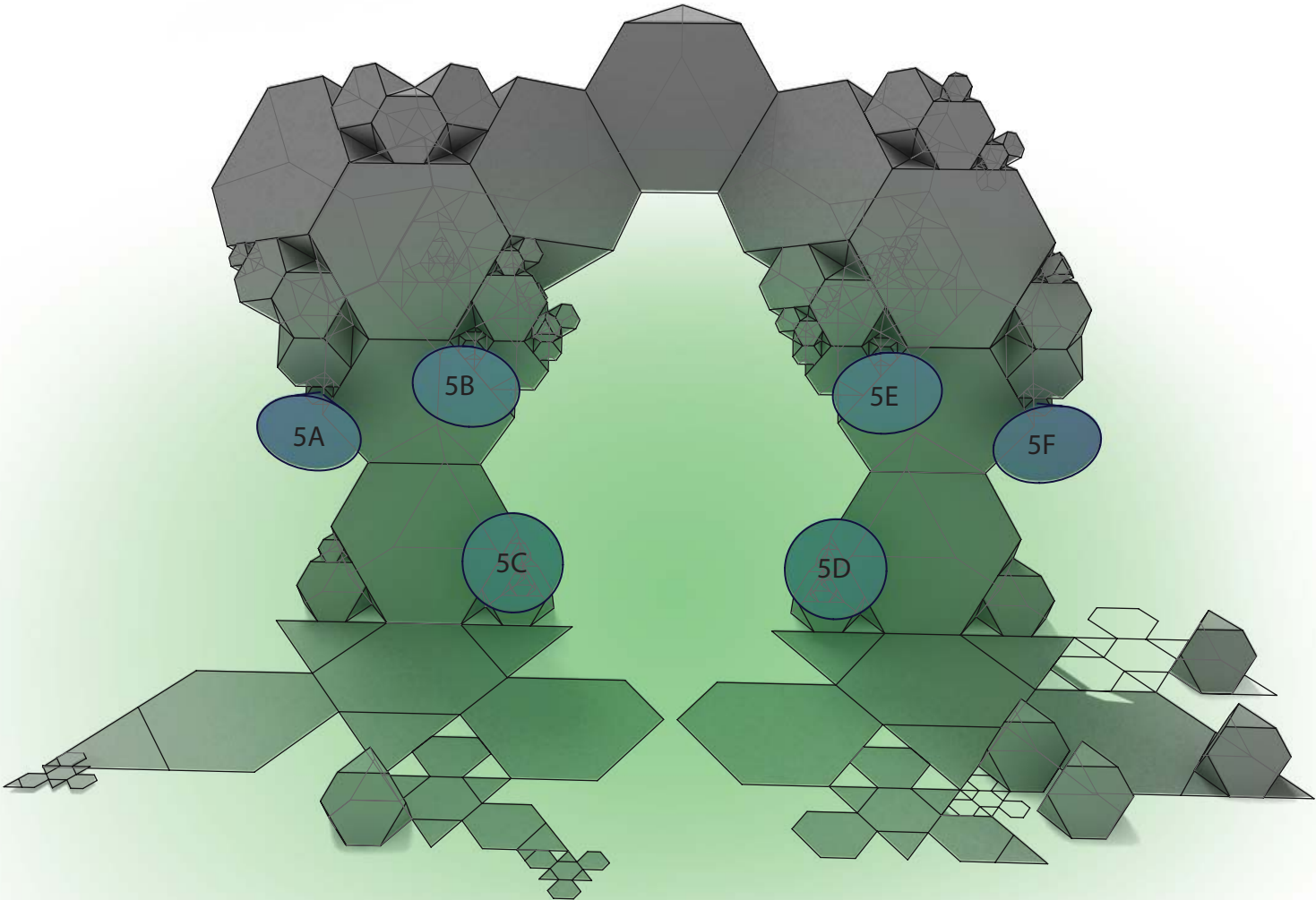
Room 3



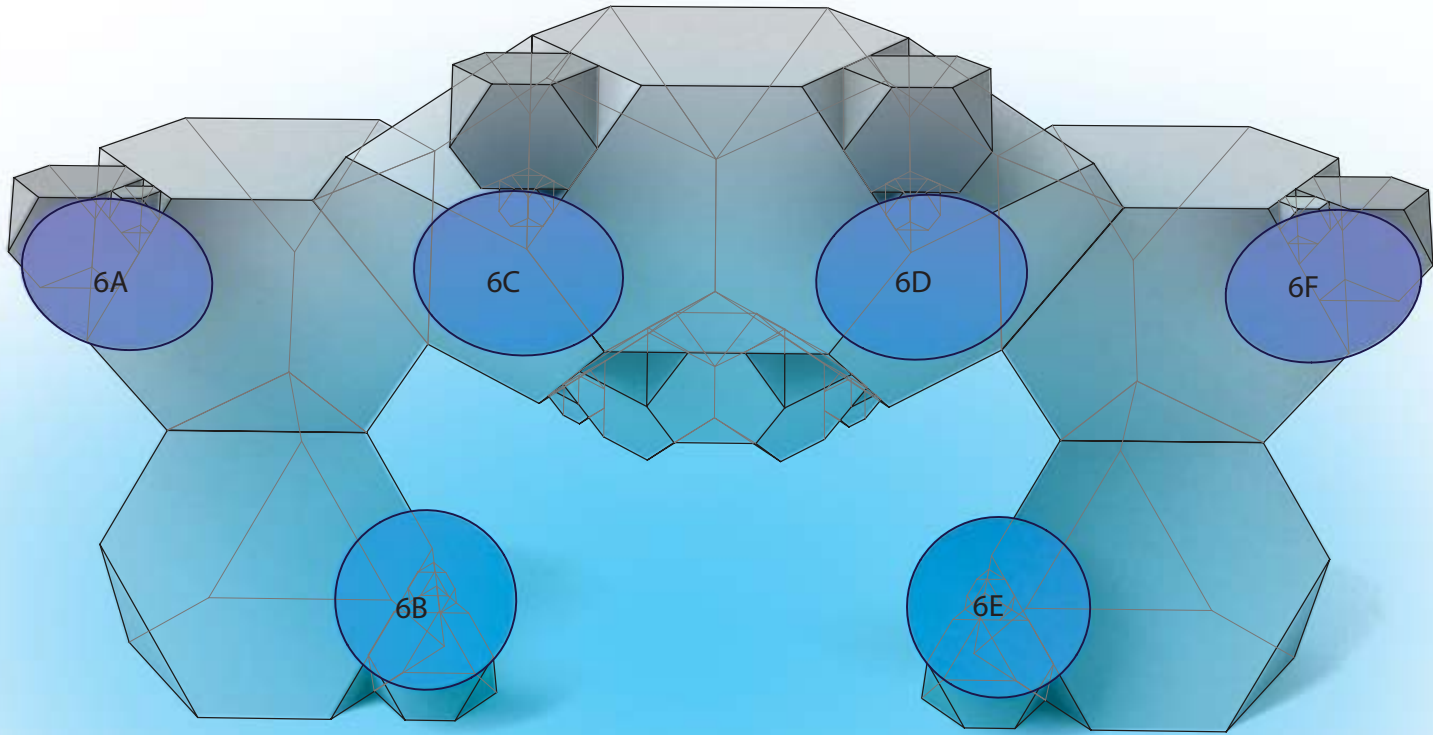
Room 4



Room 5



Room 6



Global Target Point
 x 543.814
 y 84.501
 z 58.135

Room no.	Room Specific Target Point	speaker	Local Coordinate System. Relative to Room Specific Target									Global Coordinate System. Relative to Central Target Point					
			world x (ft)	world y (ft)	world z (ft)	relative x (ft)	relative y (ft)	relative z (ft)	distance (ft)	elev angle (deg)	polar angle (deg)	relative x (ft)	relative y (ft)	relative z (ft)	distance (ft)	elev angle (deg)	polar angle (deg)
1		A	553.65	102.343	55.42	-5.373	8.472	-2.715	10.39303	-15.14323	122.3832515	9.836	17.842	-2.715	20.55371	-7.590558	61.13283
	x 559.023	B	564.544	102.453	60.827	5.521	8.582	2.692	10.55363	14.77823	57.24593006	20.73	17.952	2.692	27.55457	5.606577	40.89231
	y 93.871	C	568.306	98.098	60.833	9.283	4.227	2.698	10.55087	14.81588	24.48209578	24.492	13.597	2.698	28.14277	5.501303	29.03735
	z 58.135	D	566.592	87.322	55.42	7.569	-6.549	-2.715	10.37065	-15.1767	319.1323021	22.778	2.821	-2.715	23.11204	-6.746188	7.06
		E	554.427	85.005	55.414	-4.596	-8.866	-2.721	10.35051	-15.24137	242.598362	10.613	0.504	-2.721	10.96785	-14.36446	2.718875
		F	557.215	87.972	66.884	-1.808	-5.899	8.749	10.7057	54.80831	252.9599937	13.401	3.471	8.749	16.37619	32.29317	14.52111
		G	552.976	92.919	66.884	-6.047	-0.952	8.749	10.6779	55.02042	188.9466927	9.162	8.418	8.749	15.21019	35.11412	42.57668
2		A	549.579	90.624	55.418	10.032	0.49	-2.717	10.40496	-15.13686	2.79631792	5.765	6.123	-2.717	8.837898	-17.90419	46.72495
	x 539.547	B	544.992	94.842	66.35	5.445	4.708	8.215	10.92243	48.77456	40.84825125	1.178	10.341	8.215	13.25934	38.28427	83.50121
	y 90.134	C	537.532	93.294	69.294	-2.015	3.16	11.159	11.77154	71.43532	122.5240597	-6.282	8.793	11.159	15.53395	45.91944	125.5433
	z 58.135	D	532.638	89.076	67.017	-6.909	-1.058	8.882	11.30237	51.79967	188.7061306	-11.176	4.575	8.882	14.99078	36.33447	157.7379
		E	530.119	86.904	55.418	-9.428	-3.23	-2.717	10.32967	-15.24986	198.9111454	-13.695	2.403	-2.717	14.1672	-11.05675	170.048
		F	538.589	80.028	56.912	-0.958	-10.106	-1.223	10.22471	-6.869726	264.584738	-5.225	-4.473	-1.223	6.985992	-10.08243	220.5659
		G	544.242	81.109	56.912	4.695	-9.025	-1.223	10.24643	-6.855094	297.4843725	0.428	-3.392	-1.223	3.631057	-19.68305	277.1915
3		A	547.923	66.308	55.411	-4.809	-8.454	-2.724	10.10034	-15.64607	240.366812	4.109	-18.193	-2.724	18.84912	-8.309262	282.727
	x 552.732	B	543.071	71.929	62.317	-9.661	-2.833	4.182	10.90183	22.5572	196.3431549	-0.743	-12.572	4.182	13.27013	18.36951	266.6177
	y 74.762	C	543.733	78.828	55.395	-8.999	4.066	-2.74	10.24802	-15.50776	155.6853476	-0.081	-5.673	-2.74	6.300563	-25.77779	269.1819
	z 58.135	D	548.655	83.079	64.594	-4.077	8.317	6.459	11.29217	34.88909	116.1142285	4.841	-1.422	6.459	8.196099	52.00442	343.6303
		E	557.326	80.052	66.134	4.594	5.29	7.999	10.63358	48.78482	49.02798011	13.512	-4.449	7.999	16.32029	29.3489	341.7752
		F	559.357	81.81	62.341	6.625	7.048	4.206	10.54777	23.50054	46.77202716	15.543	-2.691	4.206	16.32534	14.92987	350.1776
4		A	529.324	78.729	65.502	-3.758	7.266	7.367	11.00863	42.00554	117.3482587	-14.49	-5.772	7.367	17.2496	25.28256	201.7194
	x 533.082	B	541.246	71.078	65.501	8.164	-0.385	7.366	11.00259	42.02686	357.300029	-2.568	-13.423	7.366	15.52513	28.32401	259.1693
	y 71.463	C	530.479	62.471	65.502	-2.603	-8.992	7.367	11.91236	38.20184	253.8552621	-13.335	-22.03	7.367	26.78462	15.96476	238.8129
	z 58.135	D	523.803	70.198	65.502	-9.279	-1.265	7.367	11.91523	38.19098	187.7630917	-20.011	-14.303	7.367	25.67662	16.67335	215.5554
		E	535.409	62.23	55.396	2.327	-9.233	-2.739	9.907842	-16.04832	284.1456365	-8.405	-22.271	-2.739	23.96129	-6.563797	249.3236
		F	539.904	78.096	55.395	6.822	6.633	-2.74	9.901716	-16.06454	44.1952666	-3.91	-6.405	-2.74	7.988725	-20.05876	238.5975
		G	529.203	79.362	53.146	-3.879	7.899	-4.989	10.11588	-29.55017	116.1545904	-14.611	-5.139	-4.989	16.27209	-17.85439	199.3777
		H	525.138	67.671	53.147	-7.944	-3.792	-4.988	10.11764	-29.53802	205.516944	-18.676	-16.83	-4.988	25.63049	-11.22207	222.0237
5		A	530.125	86.908	62.307	17.027	8.48	4.172	19.47395	12.37066	26.47482071	-13.689	2.407	4.172	14.51165	16.70795	170.0275
	x 513.098	B	527.382	81.468	64.591	14.284	3.04	6.456	15.96729	23.84896	12.01475442	-16.432	-3.033	6.456	17.91339	21.12483	190.4577
	y 78.428	C	527.684	79.889	55.421	14.586	1.461	-2.714	14.90811	-10.48912	5.719931999	-16.13	-4.612	-2.714	16.99451	-9.189414	195.9565
	z 58.135	D	523.619	68.199	55.422	10.521	-10.229	-2.713	14.92261	-10.4749	315.8061922	-20.195	-16.302	-2.713	26.09509	-5.967598	218.9114
		E	522.402	67.147	64.592	9.304	-11.281	6.457	15.98494	23.82491	309.5140502	-21.412	-17.354	6.457	28.30774	13.18526	219.024
		F	521.181	61.186	62.32	8.083	-17.242	4.185	19.49707	12.39487	295.1169936	-22.633	-23.315	4.185	32.76211	7.338964	225.8503
6		A	573.582	90.299	64.589	-1.457	-17.39	6.454	18.60616	20.29628	265.2106483	29.768	5.798	6.454	31.00653	12.01395	11.02168
	x 575.039	B	569.034	94.335	55.422	-6.005	-13.354	-2.713	14.89126	-10.4972	245.7875025	25.22	9.834	-2.713	27.20508	-5.723284	21.30225
	y 107.689	C	571.736	99.961	66.348	-3.303	-7.728	8.213	11.75096	44.34057	246.85771	27.922	15.46	8.213	32.95608	14.43081	28.97268
	z 58.135	D	566.897	105.564	66.348	-8.142	-2.125	8.213	11.75845	44.30493	194.6273228	23.083	21.063	8.213	32.30988	14.72589	42.38017
		E	560.938	103.708	55.422	-14.101	-3.981	-2.713	14.90124	-10.4901	195.7653171	17.124	19.207	-2.713	25.87471	-6.018611	48.28144
		F	557.589	108.799	64.584	-17.45	1.11	6.449	18.63664	20.24524	176.3604502	13.775	24.298	6.449	28.66589	13.0012	60.45032