



File - Michael Hutton - Approved - 6/12/2024

HILLSBOROUGH COUNTY
FIRE MARSHAL'S OFFICE

REVIEWED

HC-JLR-24-0001834 6/12/2024

BASED ON THE COMPLETED WORK
COMPLYING WITH ALL REGULATIONS &
CODES OF HILLSBOROUGH COUNTY

ANY NOT BE INCLUSIVE OF ALL HAZARDS
OR VIOLATIONS. FIRE DEPT. ASSUMES NO
RESPONSIBILITY FOR CAMERAS OR
CONNECTING

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL #	NOTES	QTY
1	FIRE ALARM PANEL	SLYV	SLYV-001-001	BY FIRE ALARM CONTRACTOR	1
2	WIRE DIAL UNIT	SLYV	SLYV-002-001	BY FIRE ALARM CONTRACTOR	1
3	POWER EXPANDER	SLYV	SLYV-003-001	BY FIRE ALARM CONTRACTOR	1
4	RELAY EXPANDER	SLYV	SLYV-004-001	BY FIRE ALARM CONTRACTOR	1
5	WALL SMOKE	SLYV	SLYV-005-001	BY FIRE ALARM CONTRACTOR	1
6	UNDERSTANDING SMOKE DETECTOR	SLYV	SLYV-006-001	BY FIRE ALARM CONTRACTOR	1
7	OUT HOUSE SMOKE DETECTOR	SLYV	SLYV-007-001	BY FIRE ALARM CONTRACTOR	1
8	TEST SWICH	SLYV	SLYV-008-001	BY FIRE ALARM CONTRACTOR	1
9	RELAY WIRING	SLYV	SLYV-009-001	BY FIRE ALARM CONTRACTOR	1
10	MONITOR WIRING	SLYV	SLYV-010-001	BY FIRE ALARM CONTRACTOR	1
11	SPEAKER (VOICE ONLY)	SLYV	SLYV-011-001	BY FIRE ALARM CONTRACTOR	1
12	WIRE (VOICE EXPANDER)	SLYV	SLYV-012-001	BY FIRE ALARM CONTRACTOR	1
13	CHIME	SLYV	SLYV-013-001	BY FIRE ALARM CONTRACTOR	1
14	WIRING FOR TAPED (SPEAKER)	SLYV	SLYV-014-001	BY FIRE ALARM CONTRACTOR	1
15	WIRING FOR TAPED	SLYV	SLYV-015-001	BY FIRE ALARM CONTRACTOR	1
16	WIRING FOR TAPED (SPEAKER)	SLYV	SLYV-016-001	BY FIRE ALARM CONTRACTOR	1
17	WIRING FOR TAPED	SLYV	SLYV-017-001	BY FIRE ALARM CONTRACTOR	1
18	WIRING FOR TAPED (SPEAKER)	SLYV	SLYV-018-001	BY FIRE ALARM CONTRACTOR	1
19	WIRING FOR TAPED	SLYV	SLYV-019-001	BY FIRE ALARM CONTRACTOR	1
20	WIRING FOR TAPED (SPEAKER)	SLYV	SLYV-020-001	BY FIRE ALARM CONTRACTOR	1
21	WIRING FOR TAPED	SLYV	SLYV-021-001	BY FIRE ALARM CONTRACTOR	1
22	WIRING FOR TAPED (SPEAKER)	SLYV	SLYV-022-001	BY FIRE ALARM CONTRACTOR	1
23	WIRING FOR TAPED	SLYV	SLYV-023-001	BY FIRE ALARM CONTRACTOR	1
24	WIRING FOR TAPED (SPEAKER)	SLYV	SLYV-024-001	BY FIRE ALARM CONTRACTOR	1
25	WIRING FOR TAPED	SLYV	SLYV-025-001	BY FIRE ALARM CONTRACTOR	1
26	WIRING FOR TAPED (SPEAKER)	SLYV	SLYV-026-001	BY FIRE ALARM CONTRACTOR	1
27	WIRING FOR TAPED	SLYV	SLYV-027-001	BY FIRE ALARM CONTRACTOR	1
28	WIRING FOR TAPED (SPEAKER)	SLYV	SLYV-028-001	BY FIRE ALARM CONTRACTOR	1
29	WIRING FOR TAPED	SLYV	SLYV-029-001	BY FIRE ALARM CONTRACTOR	1
30	WIRING FOR TAPED (SPEAKER)	SLYV	SLYV-030-001	BY FIRE ALARM CONTRACTOR	1

FIRE ALARM RISER DIAGRAM									
Riser Diagram									
Device	Device	Device	Device	Device	Device	Device	Device	Device	Device
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208	209	210
211	212	213	214	215	216	217	218	219	220
221	222	223	224	225	226	227	228	229	230
231	232	233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248	249	250
251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	266	267	268	269	270
271	272	273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288	289	290
291	292	293	294	295	296	297	298	299	300
301	302	303	304	305	306	307	308	309	310
311	312	313	314	315	316	317	318	319	320
321	322	323	324	325	326	327	328	329	330
331	332	333	334	335	336	337	338	339	340
341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369	370
371	372	373	374	375	376	377	378	379	380
381	382	383	384	385	386	387	388	389	390
391	392	393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408	409	410
411	412	413	414	415	416	417	418	419	420
421	422	423	424	425	426	427	428	429	430
431	432	433	434	435	436	437	438	439	440
441	442	443	444	445	446	447	448	449	450
451	452	453	454	455	456	457	458	459	460
461	462	463	464	465	466	467	468	469	470
471	472	473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488	489	490
491	492	493	494	495	496	497	498	499	500
501	502	503	504	505	506	507	508	509	510
511	512	513	514	515	516	517	518	519	520
521	522	523	524	525	526	527	528	529	530
531	532	533	534	535	536	537	538	539	540
541	542	543	544	545	546	547	548	549	550
551	552	553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568	569	570
571	572	573	574	575	576	577	578	579	580
581	582	583	584	585	586	587	588	589	590
591	592	593	594	595	596	597	598	599	600
601	602	603	604	605	606	607	608	609	610
611	612	613	614	615	616	617	618	619	620
621	622	623	624	625	626	627	628	629	630
631	632	633	634	635	636	637	638	639	640
641	642	643	644	645	646	647	648	649	650
651	652	653	654	655	656	657	658	659	660
661	662	663	664	665	666	667	668	669	670
671	672	673	674	675	676	677	678	679	680
681	682	683	684	685	686	687	688	689	690
691	692	693	694	695	696	697	698	699	700
701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800
801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900
901	902	903	904	905	906	907	908	909	910
911	912	913	914	915	916	917	918	919	920
921	922	923	924	925	926	927	928	929	930
931	932	933	934	935	936	937	938	939	940
941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968	969	970
971	972	973	974	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990
991	992	993	994	995	996	997	998	999	1000

FIRE ALARM RISER DIAGRAM									
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					
Rising Voltage		R/L's		MAG					

WALL STROBE SPACING TABLE												
ROOM SPACING BASED ON MINIMUM CANADA CODE												
STROBE	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200
1	10	12	14	16	18	20	22	24	26	28	30	32
2	16	18	20	22	24	26	28	30	32	34	36	38
3	20	22	24	26	28	30	32	34	36	38	40	42
4	24	26	28	30	32	34	36	38	40	42	44	46
5	28	30	32	34	36	38	40	42	44	46	48	50
6	32	34	36	38	40	42	44	46	48	50	52	54
7	36	38	40	42	44	46	48	50	52	54	56	58
8	40	42	44	46	48	50	52	54	56	58	60	62
9	44	46	48	50	52	54	56	58	60	62	64	66
10	48	50	52	54	56	58	60	62	64	66	68	70
11	52	54	56	58	60	62	64	66	68	70	72	74
12	56	58	60	62	64	66	68	70	72	74	76	78
13	60	62	64	66	68	70	72	74	76	78	80	82
14	64	66	68	70	72	74	76	78	80	82	84	86
15	68	70	72	74	76	78	80	82	84	86	88	90
16	72	74	76	78	80	82	84	86	88	90	92	94
17	76	78	80	82	84	86	88	90	92	94	96	98
18	80	82	84	86	88	90	92	94	96	98	100	102
19	84	86	88	90	92	94	96	98	100	102	104	106
20	88	90	92	94	96	98	100	102	104	106	108	110
21	92	94	96	98	100	102	104	106	108	110	112	114
22	96	98	100	102	104	106	108	110	112	114	116	118
23	100	102	104	106	108	110	112	114	116	118	120	122
24	104	106	108	110	112	114	116	118	120	122	124	126
25	108	110	112	114	116	118	120	122	124	126	128	130
26	112	114	116	118	120	122	124	126	128	130	132	134
27	116	118	120	122	124	126	128	130	132	134	136	138
28	120	122	124	126	128	130	132	134	136	138	140	142
29	124	126	128	130	132	134	136	138	140	142	144	146
30	128	130	132	134	136	138	140	142	144	146	148	150
31	132	134	136	138	140	142	144	146	148	150	152	154
32	136	138	140	142	144	146	148	150	152	154	156	158
33	140	142	144	146	148	150	152	154	156	158	160	162
34	144	146	148	150	152	154	156	158	160	162	164	166
35	148	150	152	154	156	158	160	162	164	166	168	170
36	152	154	156	158	160	162	164	166	168	170	172	174
37	156	158	160	162	164	166	168	170	172	174	176	178
38	160	162	164	166	168	170	172	174	176	178	180	182
39	164	166	168	170	172	174	176	178	180	182	184	186
40	168	170	172	174	176	178	180	182	184	186	188	190
41	172	174	176	178	180	182	184	186	188	190	192	194
42	176	178	180	182	184	186	188	190	192	194	196	198
43	180	182	184	186	188	190	192	194	196	198	200	202
44	184	186	188	190	192	194	196	198	200	202	204	206
45	188	190	192	194	196	198	200	202	204	206	208	210
46	192	194	196	198	200	202	204	206	208	210	212	214
47	196	198	200	202	204	206	208	210	212	214	216	218
48	200	202	204	206	208	210	212	214	216	218	220	222
49	204	206	208	210	212	214	216	218	220	222	224	226
50	208	210	212	214	216	218	220	222	224	226	228	230
51	212	214	216	218	220	222	224	226	228	230	232	234
52	216	218	220	222	224	226	228	230	232	234	236	238
53	220	222	224	226	228	230	232	234	236	238	240	242
54	224	226	228	230	232	234	236	238	240	242	244	246
55	228	230	232	234	236	238	240	242	244	246	248	250
56	232	234	236	238	240	242	244	246	248	250	252	254
57	236	238	240	242	244	246	248	250	252	254	256	258
58	240	242	244	246	248	250	252	254	256	258	260	262
59	244	246	248	250	252	254	256	258	260	262	264	266
60	248	250	252	254	256	258	260	262	264	266	268	270
61	252	254	256	258	260	262	264	266	268	270	272	274
62	256	258	260	262	264	266	268	270	272	274	276	278
63	260	262	264	266	268	270	272	274	276	278	280	282
64	264	266	268	270	272	274	276	278	280	282	284	286
65	268	270	272	274	276	278	280	282	284	286	288	290
66	272	274	276	278	280	282	284	286	288	290	292	294
67	276	278	280	282	284	286	288	290	292	294	296	298
68	280	282	284	286	288	290	292	294	296	298	300	302
69	284	286	288	290	292	294	296	298	300	302	304	306
70	288	290	292	294	296	298	300	302	304	306	308	310
71	292	294	296	298	300	302	304	306	308	310	312	314
72	296	298	300	302	304	306	308	310	312	314	316	318
73	300	302	304	306	308	310	312	314	316	318	320	322
74	304	306	308	310	312	314	316	318	320	322	324	326
75	308	310	312	314	316	318	320	322	324	326	328	330
76	312	314	316	318	320	322	324	326	328	330	332	334
77	316	318	320	322	324	326	328	330	332	334	336	338
78	320	322	324	326	328	330	332	334	336	338	340	342
79	324	326	328	330	332	334	336	338	340	342	344	346
80	328	330	332	334	336	338	340	342	344	346	348	350
81	332	334	336	338	340	342	344	346	348	350	352	354
82	336	338	340	342	344	346	348	350	352	354	356	358
83	340	342	344	346	348	350	352	354	356	358	360	362
84	344	346	348	350	352	354	356	358	360	362	364	366
85	348	350	352	354	356	358	360	362	364	366	368	370
86	352	354	356	358	360	362	364	366	368	370	372	374
87	356	358	360	362	364	366	368	370	372	374	376	378
88	360	362	364	366	368	370	372	374	376	378	380	382
89	364	366	368	370	372	374	376	378	380	382	384	386
90	368	370	372	374	376	378	380	382	384	386	388	390
91	372	374	376	378	380	382	384	386	388	390	392	394
92	376	378	380	382	384	386	388	390	392	394	396	398
93	380	382	384	386	388	390	392	394	396	398	400	402
94	384	386	388	390	392	394	396	398	400	402	404	406
95	388	390	392	394	396	398	400	402	404	406	408	410
96	392	394	396	398	400	402	404	406	408	410	412	414
97	396	398	400	402	404	406	408	410	412	414	416	418
98	400	402	404	406	408	410	412	414	416	418	420	422
99	404	406	408	410	412	414	416	418	420	422	424	426
100	408	410	412	414	416	418	420	422	424	426	428	430
101	412	414	416	418	420	422	424	426	428	430	432	434
102	416	418	420	422	424	426	428	430	432	434	436	438
103	420	422	424	426	428	430	432	434	436	438	440	442
104	424	426	428	430	432	434	436	438	440	442	444	446
105	428	430	432	434	436	438	440	442	444	446	448	450
106	432	434	436	438	440	442	444	446	448	450	452	454
107	436	438	440	442	444	446	448	450	452	454	456	458
108	440	442	444	446	448	450	452	454	456	458	460	462
109	444	446	448	450	452	454	456	458	460	462	464	466
110	448	450	452	454	456	458	460	462	464	466	468	470
111	452	454	456	458	460	462	464	466	468	470	472	474
112	456	458	460	462	464	466	468	470	472	474	476	478