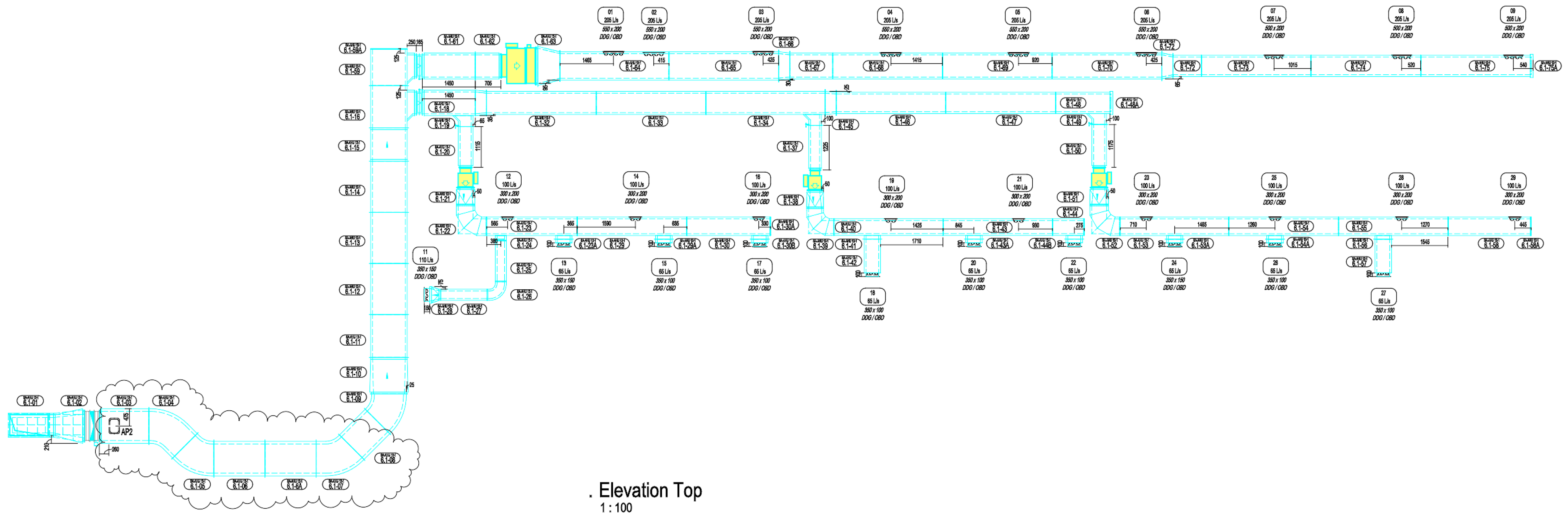

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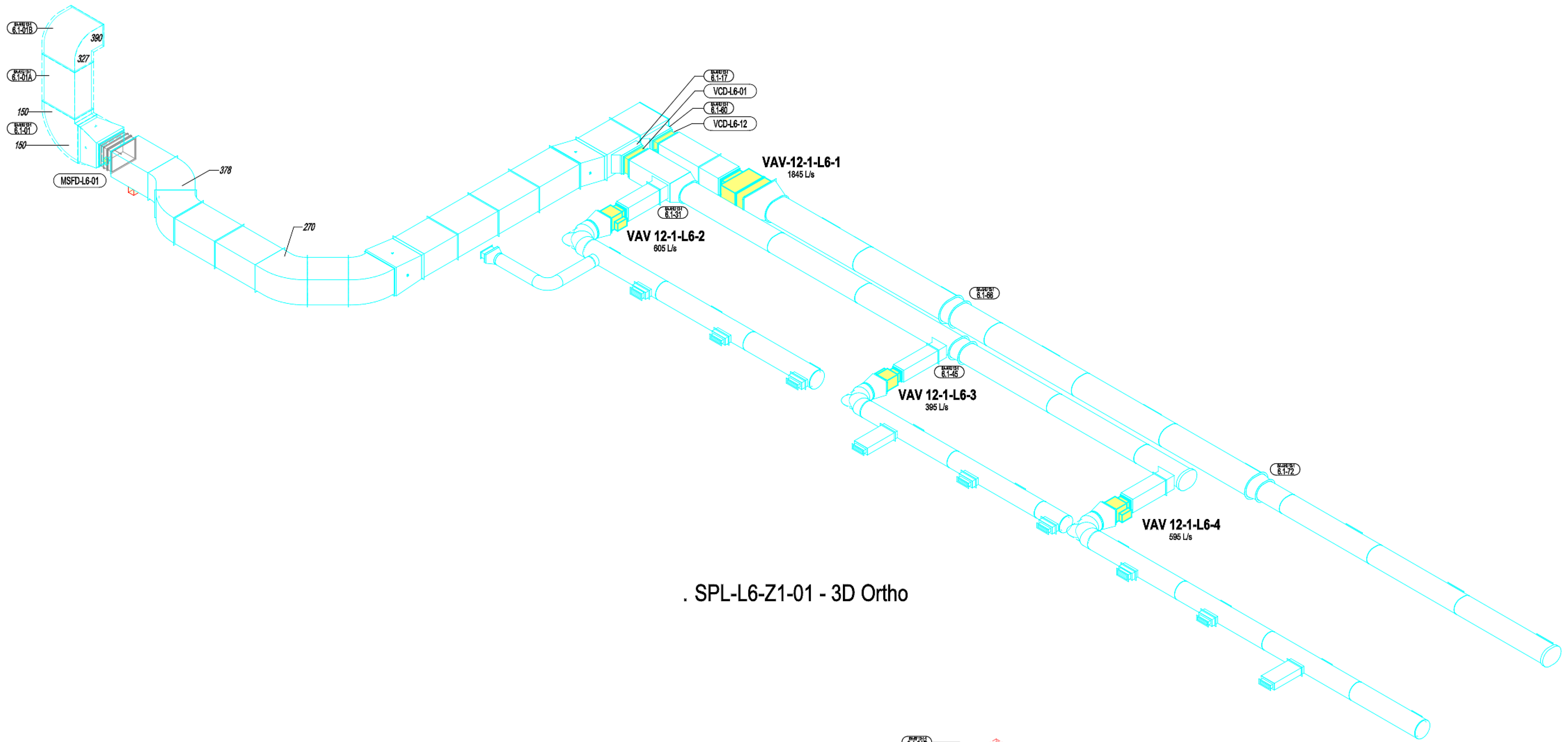


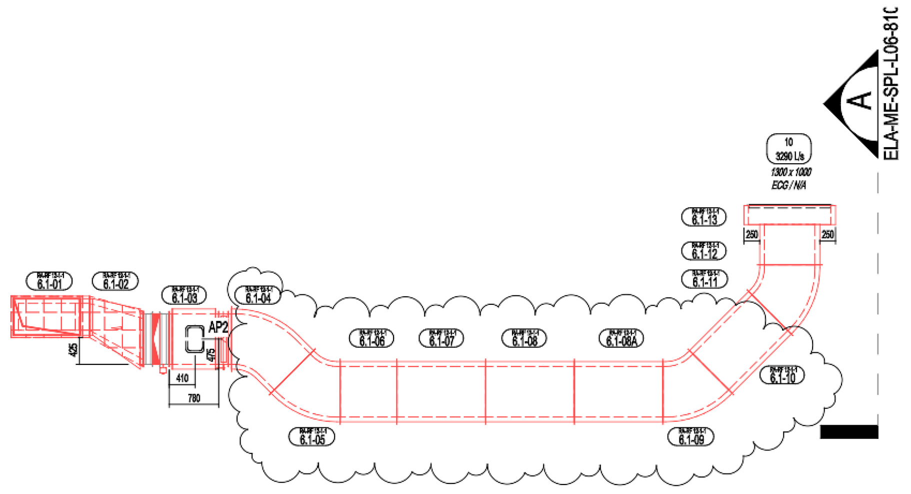
. SPL-L6-Z1-01 - 3D Ortho

SPL-L6-Z1-01 (SA-AHU 12-1) DUCT SCHEDULE

DUCT #	PART TYPE	SYSTEM NAME	SYSTEM	DUCT SIZE	LENGTH	BOTTOM ELEV.	INSULATION	LINING	S / M	COMMENTS
6.1-01A	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	1050x575	1400	3850 mm	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-03	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	950x750	1305	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	WITH AP & COMBINE WITH STEP IN
6.1-06	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	950x750	1400	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-6A	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	950x750	1400	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-08	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	950x750	995	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-11	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	1000x700	1175	2950 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-12	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	1000x700	1400	2950 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-13	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	1000x700	1400	2950 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-14	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	1000x700	1400	2950 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-16	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	1000x700	1155	2750 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-18	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	700x550	1400	2825 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	COMBINE WITH STEP IN
6.1-20	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	400x400	1065	2900 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	COMBINE WITH STEP IN
6.1-23	ROUND DUCT	SA-AHU 12-1	SA_MP	508ø	2500	2846 mm	0mm	PERFORATED METAL-50mm	No	
6.1-23B	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	450x200	100	3000 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	MAKE 100mm LONGER THAN SCHEDULED & SUPPLY WITH LOOSE FLANGE. CUT TO SUIT ONSITE
6.1-25	ROUND DUCT	SA-AHU 12-1	SA_MP	305ø	1145	2948 mm	0mm	PERFORATED METAL-50mm	No	
6.1-27	ROUND DUCT	SA-AHU 12-1	SA_MP	305ø	1290	2948 mm	0mm	PERFORATED METAL-50mm	No	
6.1-29	ROUND DUCT	SA-AHU 12-1	SA_MP	508ø	3000	2846 mm	0mm	PERFORATED METAL-50mm	No	
6.1-29B	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	450x200	100	3000 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	MAKE 100mm LONGER THAN SCHEDULED & SUPPLY WITH LOOSE FLANGE. CUT TO SUIT ONSITE
6.1-30	ROUND DUCT	SA-AHU 12-1	SA_MP	508ø	2275	2846 mm	0mm	PERFORATED METAL-50mm	No	
6.1-30C	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	450x200	100	3000 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	MAKE 100mm LONGER THAN SCHEDULED & SUPPLY WITH LOOSE FLANGE. CUT TO SUIT ONSITE
6.1-32	OVAL DUCT	SA-AHU 12-1	SA_MP	635/457	3000	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-33	OVAL DUCT	SA-AHU 12-1	SA_MP	635/457	3000	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-34	OVAL DUCT	SA-AHU 12-1	SA_MP	635/457	3260	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-37	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	350x350	1175	2925 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	COMBINE WITH STEP IN
6.1-40	ROUND DUCT	SA-AHU 12-1	SA_MP	457ø	3000	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-42	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	450x200	925	3000 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	MAKE 100mm LONGER THAN SCHEDULED & SUPPLY WITH LOOSE FLANGE. CUT TO SUIT ONSITE
6.1-43	ROUND DUCT	SA-AHU 12-1	SA_MP	457ø	3000	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-43B	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	450x200	100	3000 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	MAKE 100mm LONGER THAN SCHEDULED & SUPPLY WITH LOOSE FLANGE. CUT TO SUIT ONSITE
6.1-44	ROUND DUCT	SA-AHU 12-1	SA_MP	457ø	850	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-44C	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	450x200	100	3000 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	MAKE 100mm LONGER THAN SCHEDULED & SUPPLY WITH LOOSE FLANGE. CUT TO SUIT ONSITE
6.1-46	OVAL DUCT	SA-AHU 12-1	SA_MP	584/457	3000	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-47	OVAL DUCT	SA-AHU 12-1	SA_MP	584/457	3000	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-48	OVAL DUCT	SA-AHU 12-1	SA_MP	584/457	1490	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-50	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	400x400	1125	2900 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	COMBINE WITH STEP IN
6.1-53	ROUND DUCT	SA-AHU 12-1	SA_MP	508ø	3000	2846 mm	0mm	PERFORATED METAL-50mm	No	
6.1-53B	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	450x200	100	3000 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	MAKE 100mm LONGER THAN SCHEDULED & SUPPLY WITH LOOSE FLANGE. CUT TO SUIT ONSITE
6.1-54	ROUND DUCT	SA-AHU 12-1	SA_MP	508ø	3000	2846 mm	0mm	PERFORATED METAL-50mm	No	
6.1-54B	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	450x200	100	3000 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	MAKE 100mm LONGER THAN SCHEDULED & SUPPLY WITH LOOSE FLANGE. CUT TO SUIT ONSITE
6.1-55	ROUND DUCT	SA-AHU 12-1	SA_MP	508ø	3000	2846 mm	0mm	PERFORATED METAL-50mm	No	
6.1-57	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	450x200	920	3000 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	MAKE 100mm LONGER THAN SCHEDULED & SUPPLY WITH LOOSE FLANGE. CUT TO SUIT ONSITE
6.1-58	ROUND DUCT	SA-AHU 12-1	SA_MP	508ø	2255	2846 mm	0mm	PERFORATED METAL-50mm	No	
6.1-59	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	1000x700	995	2750 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-61	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	709x506	1400	2847 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	COMBINE WITH STEP IN
6.1-62	STRAIGHT DUCT	SA-AHU 12-1	SA_MP	709x506	655	2847 mm	0mm	HEAVY DUTY PERF FOIL-50mm	No	COMBINE WITH STEP IN
6.1-64	OVAL DUCT	SA-AHU 12-1	SA_MP	775/559	2980	2821 mm	0mm	PERFORATED METAL-50mm	No	
6.1-65	OVAL DUCT	SA-AHU 12-1	SA_MP	775/559	3000	2821 mm	0mm	PERFORATED METAL-50mm	No	
6.1-67	OVAL DUCT	SA-AHU 12-1	SA_MP	711/559	1175	2821 mm	0mm	PERFORATED METAL-50mm	No	
6.1-68	OVAL DUCT	SA-AHU 12-1	SA_MP	711/559	3000	2821 mm	0mm	PERFORATED METAL-50mm	No	
6.1-69	OVAL DUCT	SA-AHU 12-1	SA_MP	711/559	3000	2821 mm	0mm	PERFORATED METAL-50mm	No	
6.1-70	OVAL DUCT	SA-AHU 12-1	SA_MP	711/559	3000	2821 mm	0mm	PERFORATED METAL-50mm	No	
6.1-72	OVAL DUCT	SA-AHU 12-1	SA_MP	584/457	775	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-73	OVAL DUCT	SA-AHU 12-1	SA_MP	584/457	3000	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-74	OVAL DUCT	SA-AHU 12-1	SA_MP	584/457	3000	2872 mm	0mm	PERFORATED METAL-50mm	No	
6.1-75	OVAL DUCT	SA-AHU 12-1	SA_MP	584/457	3000	2872 mm	0mm	PERFORATED METAL-50mm	No	

SPL-L6-Z1-01 (SA-AHU 12-1) DUCT FITTING SCHEDULE

DUCT #	FITTING TYPE	SYSTEM NAME	SYSTEM TYPE	DUCT SIZE	INNER RADIUS-1	INNER RADIUS-2	ANGLE	FLANGE SIZES	EXT-1	EXT-2	EXT-3	STEP-IN HEIGHT	STEP-IN LENGTH 1	STEP-IN LENGTH 2	WIDTH OFFSET C/L	HEIGHT OFFSET	LENGTH	INSULATION	LINING	S / M	COMMENTS
6.1-01	SQUARE RADIUS (SQUARE THROAT)	SA-AHU 12-1	SA_MP	1050x575-1050x575	0		90°	35/35	150	150							0	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-01B	SQUARE RADIUS (SQUARE THROAT)	SA-AHU 12-1	SA_MP	575x1050-575x1050	1		90°	35/35	390	327							0	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-02	SQUARE TRANSITION	SA-AHU 12-1	SA_MP	1050x575-600x800				35/35	50	50					FOS-150	BSD-20	850	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-03	STEP IN	SA-AHU 12-1	SA_MP	950x750-800x600							0						50	0mm	0mm	No	COMBINE WITH DUCT 6.1-03
6.1-04	SQUARE RADIUS BEND	SA-AHU 12-1	SA_MP	950x750-950x750	475		45°	35/35	378	50							0	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-05	SQUARE RADIUS BEND	SA-AHU 12-1	SA_MP	950x750-950x750	475		45°	35/35	100	50							0	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-07	SQUARE RADIUS BEND	SA-AHU 12-1	SA_MP	950x750-950x750	475		45°	35/35	270	50							0	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-09	SQUARE RADIUS BEND	SA-AHU 12-1	SA_MP	950x750-950x750	475		45°	35/35	50	50							0	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-10	SQUARE TRANSITION	SA-AHU 12-1	SA_MP	950x750-1000x700				35/35	50	50					ET-0	BSU-25	1000	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-15	SQUARE TRANSITION	SA-AHU 12-1	SA_MP	1000x700-1000x700				35/35	50	50					ET-0	BSD-200	916	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-17	SQUARE SHOE	SA-AHU 12-1	SA_MP	700x550-700x550				35	50								200	0mm	HEAVY DUTY PERF FOIL-50mm	No	COMBINE WITH STEP IN
6.1-17	STEP IN	SA-AHU 12-1	SA_MP	700x550-600x450							0						50	0mm	0mm	No	COMBINE WITH SHOE 6.1-17
6.1-18	STEP IN	SA-AHU 12-1	SA_MP	700x550-600x450							0						50	0mm	0mm	No	COMBINE WITH DUCT 6.1-18
6.1-19	SQUARE SHOE	SA-AHU 12-1	SA_MP	400x400-400x400				35	150								300	0mm	HEAVY DUTY PERF FOIL-50mm	No	WITH SBD
6.1-20	STEP IN	SA-AHU 12-1	SA_MP	400x400-300x300							0						50	0mm	0mm	No	COMBINE WITH DUCT 6.1-20
6.1-21	SQUARE TO ROUND TRANSITION	SA-AHU 12-1	SA_MP	508ø-406x381				0/35	50	50		50.0	0	50	ET-0	ET-0	500	0mm	PERFORATED METAL-50mm	No	
6.1-22	ROUND SEGMENT BEND	SA-AHU 12-1	SA_MP	508ø-508ø	254		90°	0/0	75	75							0	0mm	PERFORATED METAL-50mm	No	
6.1-23A	RECTANGULAR SADDLE	SA-AHU 12-1	SA_MP	450x200-450x200				35									100	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-23B	STEP IN	SA-AHU 12-1	SA_MP	450x200-350x150							0						100	0mm	0mm	No	
6.1-24	ROUND SPIGOT	SA-AHU 12-1	SA_MP	305ø-305ø				0									150	0mm	PERFORATED METAL-50mm	No	
6.1-26	ROUND PRESSED BEND	SA-AHU 12-1	SA_MP	305ø-305ø	153		90°	0/0	75	75							0	0mm	PERFORATED METAL-50mm	No	
6.1-28	STEP IN	SA-AHU 12-1	SA_MP	450x250-350x150							0						150	0mm	0mm	No	
6.1-28	ROUND TO SQUARE TRANSITION	SA-AHU 12-1	SA_MP	450x250-305ø				0/0	50	50		0.0	0	0	ET-0	ET-0	300	0mm	PERFORATED METAL-50mm	No	
6.1-29A	RECTANGULAR SADDLE	SA-AHU 12-1	SA_MP	450x200-450x200				35									100	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-29B	STEP IN	SA-AHU 12-1	SA_MP	450x200-350x100							0						100	0mm	0mm	No	
6.1-30A	ROUND CAP	SA-AHU 12-1	SA_MP	508ø				0									20	0mm	PERFORATED METAL-50mm	No	FIT TO DUCT NUMBER 6.1-30
6.1-30B	RECTANGULAR SADDLE	SA-AHU 12-1	SA_MP	450x200-450x200				35									100	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-30C	STEP IN	SA-AHU 12-1	SA_MP	450x200-350x100							0						100	0mm	0mm	No	
6.1-31	SQUARE TO OVAL TRANSITION	SA-AHU 12-1	SA_MP	700x550-635/457				0/35			0				ET-0	ET-0	300	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-36	SQUARE SHOE	SA-AHU 12-1	SA_MP	350x350-350x350				35	150								300	0mm	HEAVY DUTY PERF FOIL-50mm	No	WITH SBD
6.1-37	STEP IN	SA-AHU 12-1	SA_MP	350x350-250x250							0						50	0mm	0mm	No	COMBINE WITH DUCT 6.1-37
6.1-38	SQUARE TO ROUND TRANSITION	SA-AHU 12-1	SA_MP	457ø-356x318				0/35	50	50		50.0	0	50	ET-0	ET-0	500	0mm	PERFORATED METAL-50mm	No	
6.1-39	ROUND SEGMENT BEND	SA-AHU 12-1	SA_MP	457ø-457ø	229		90°	0/0	75	75							0	0mm	PERFORATED METAL-50mm	No	
6.1-41	RECTANGULAR SADDLE	SA-AHU 12-1	SA_MP	450x200-450x200				35									100	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-42	STEP IN	SA-AHU 12-1	SA_MP	450x200-350x100							0						100	0mm	0mm	No	
6.1-43A	RECTANGULAR SADDLE	SA-AHU 12-1	SA_MP	450x200-450x200				35									100	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-43B	STEP IN	SA-AHU 12-1	SA_MP	450x200-350x100							0						100	0mm	0mm	No	
6.1-44A	ROUND CAP	SA-AHU 12-1	SA_MP	457ø				0									20	0mm	PERFORATED METAL-50mm	No	FIT TO DUCT NUMBER 6.1-44
6.1-44B	RECTANGULAR SADDLE	SA-AHU 12-1	SA_MP	450x200-450x200				35									100	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-44C	STEP IN	SA-AHU 12-1	SA_MP	450x200-350x100							0						100	0mm	0mm	No	
6.1-45	OVAL ECCENTRIC TAPER	SA-AHU 12-1	SA_MP	635/457-584/457							0				ET-0	ET-0	300	0mm	PERFORATED METAL-50mm	No	
6.1-48A	OVAL CAP	SA-AHU 12-1	SA_MP	584/457														0mm	PERFORATED METAL-50mm	No	FIT TO DUCT NUMBER 6.1-48
6.1-49	SQUARE SHOE	SA-AHU 12-1	SA_MP	400x400-400x400				35	150								300	0mm	HEAVY DUTY PERF FOIL-50mm	No	WITH SBD
6.1-50	STEP IN	SA-AHU 12-1	SA_MP	400x400-300x300							0						50	0mm	0mm	No	COMBINE WITH DUCT 6.1-50
6.1-51	SQUARE TO ROUND TRANSITION	SA-AHU 12-1	SA_MP	508ø-406x381				0/35	50	50		50.0	0	50	ET-0	ET-0	500	0mm	PERFORATED METAL-50mm	No	
6.1-52	ROUND SEGMENT BEND	SA-AHU 12-1	SA_MP	508ø-508ø	254		90°	0/0	75	75							0	0mm	PERFORATED METAL-50mm	No	
6.1-53A	RECTANGULAR SADDLE	SA-AHU 12-1	SA_MP	450x200-450x200				35									100	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-53B	STEP IN	SA-AHU 12-1	SA_MP	450x200-350x150							0						100	0mm	0mm	No	
6.1-54A	RECTANGULAR SADDLE	SA-AHU 12-1	SA_MP	450x200-450x200				35									100	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-54B	STEP IN	SA-AHU 12-1	SA_MP	450x200-350x100							0						100	0mm	0mm	No	
6.1-56	RECTANGULAR SADDLE	SA-AHU 12-1	SA_MP	450x200-450x200				35									100	0mm	HEAVY DUTY PERF FOIL-50mm	No	
6.1-57	STEP IN	SA-AHU 12-1	SA_MP	450x200-350x100							0						100	0mm	0mm	No	
6.1-58A	ROUND CAP	SA-AHU 12-1	SA_MP	508ø				0									20	0mm	PERFORATED METAL-50mm	No	FIT TO DUCT NUMBER 6.1-58
6.1-59A	SQUARE CAP	SA-AHU 12-1	SA_MP	1000x700				0									20	0mm	HEAVY DUTY PERF FOIL-50mm	No	FIT TO DUCT NUMBER 6.1-59
6.1-60	SQUARE SHOE	SA-AHU 12-1	SA_MP	700x500-700x500				35	50								200	0mm	HEAVY DUTY PERF FOIL-50mm	No	COMBINE WITH STEP IN
6.1-60	STEP IN	SA-AHU 12-1	SA_MP	700x500-600x400							0						50	0mm	0mm	No	COMBINE WITH SHOE 6.1-60
6.1-61	STEP IN	SA-AHU 12-1	SA_MP	709x506-609x406							0						50	0mm	0mm	No	COMBINE WITH DUCT 6.1-61
6.1-62	STEP IN	SA-AHU 12-1	SA_MP	709x506-609x406							0						50	0mm	0mm	No	COMBINE WITH DUCT 6.1-62
6.1-63	STEP IN	SA-AHU 12-1	SA_MP	1065x560-965x460							0						50	0mm	0mm	No	COMBINE WITH TRANSITION 6.1-63
6.1-63	SQUARE TO OVAL TRANSITION	SA-AHU 12-1	SA_MP	1065x560-775/559				35/35			50				ET-0	ET-0	600	0mm	PERFORATED METAL-50mm	No	COMBINE WITH STEP IN
6.1-66	OVAL ECCENTRIC TAPER	SA-AHU 12-1	SA_MP	775/559-711/559							0				ET-0	ET-0	300	0mm	PERFORATED METAL-50mm	No	
6.1-72	OVAL ECCENTRIC TAPER	SA-AHU 12-1	SA_MP	711/559-584/457							0				ET-0	ET-0	300	0mm	PERFORATED METAL-50mm	No	
6.1-75A	OVAL CAP	SA-AHU 12-1	SA_MP	584/457														0mm	PERFORATED METAL-50mm	No	FIT TO DUCT NUMBER 6.1-75



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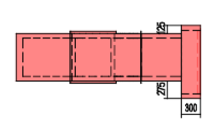

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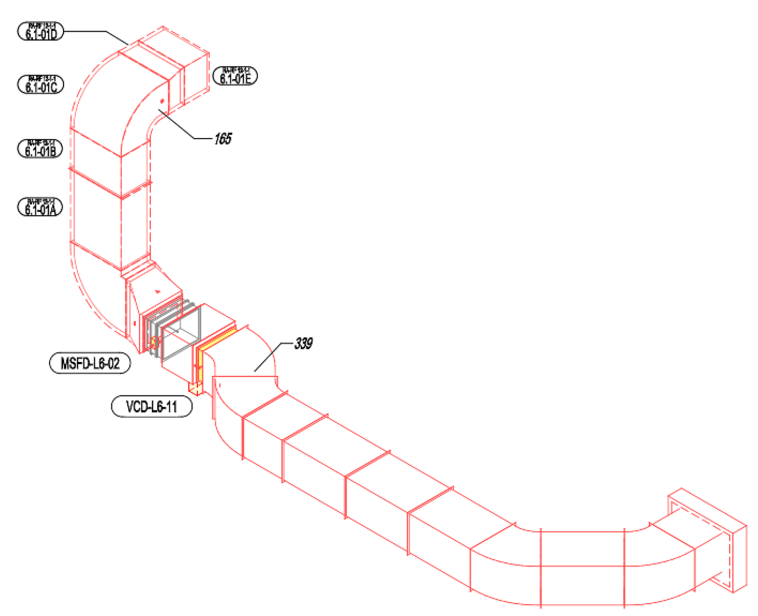


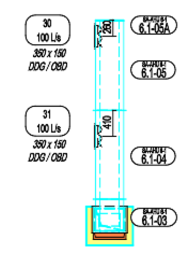
. SPL-L6-Z1-02 - 3D Ortho

SPL-L6-Z1-02 (RA-RF 12-1-1) DUCT SCHEDULE

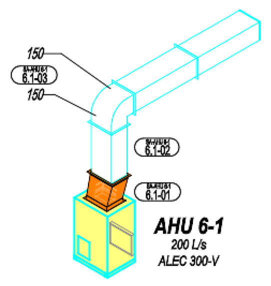
DUCT #	PART TYPE	SYSTEM NAME	SYSTEM	DUCT SIZE	LENGTH	BOTTOM ELEV.	INSULATION	LINING	S / M	COMMENTS
6.1-01A	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	1050x575	1400	3850 mm	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-01B	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	1050x575	795	5252 mm	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-01E	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	950x650	550	2148 mm	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-03	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	950x750	680	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	WITH AP & COMBINE WITH STEP IN
6.1-06	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	950x750	895	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-07	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	950x750	1400	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-08	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	950x750	1400	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-08A	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	950x750	1400	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-10	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	950x750	1320	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-12	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	950x750	640	2950 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-13	STRAIGHT DUCT	RA-RF 12-1-1	RA_MP	1450x1150	300	2675 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	

SPL-L6-Z1-02 (RA-RF 12-1-1) DUCT FITTING SCHEDULE

DUCT #	FITTING TYPE	SYSTEM NAME	SYSTEM TYPE	DUCT SIZE	INNER RADIUS-1	INNER RADIUS-2	ANGLE	FLANGE SIZES	EXT-1	EXT-2	EXT-3	STEP-IN HEIGHT	STEP-IN LENGTH 1	STEP-IN LENGTH 2	WIDTH OFFSET C/L	HEIGHT OFFSET	LENGTH	INSULATION	LINING	S / M	COMMENTS
6.1-01	SQUARE RADIUS (SQUARE THROAT)	RA-RF 12-1-1	RA_MP	1050x575-1050x575	0		90°	35/35	150	150							0	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-01C	SQUARE RADIUS BEND	RA-RF 12-1-1	RA_MP	575x1050-575x1050	288		90°	35/35	50	165							0	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-01D	SQUARE TRANSITION	RA-RF 12-1-1	RA_MP	650x950-575x1050				35/35	50	50					ET-0	ET-0	400	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-02	SQUARE TRANSITION	RA-RF 12-1-1	RA_MP	575x1050-800x600				35/35	50	50					RS-350	FOT-150	850	FIRE RATED - SP-40mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-03	STEP IN	RA-RF 12-1-1	RA_MP	950x750-800x600							0						50	0mm	0mm	No	COMBINE WITH DUCT 6.1-03
6.1-03	STEP IN	RA-RF 12-1-1	RA_MP	950x750-800x600							0						50	0mm	0mm	No	COMBINE WITH DUCT 6.1-03
6.1-04	STEP IN	RA-RF 12-1-1	RA_MP	950x750-800x600							0						50	0mm	0mm	No	COMBINE WITH BEND 6.1-04
6.1-04	SQUARE RADIUS BEND	RA-RF 12-1-1	RA_MP	950x750-950x750	475		45°	35/35	339	50							0	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-05	SQUARE RADIUS BEND	RA-RF 12-1-1	RA_MP	950x750-950x750	475		45°	35/35	50	50							0	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-09	SQUARE RADIUS BEND	RA-RF 12-1-1	RA_MP	950x750-950x750	475		45°	35/35	50	50							0	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-11	SQUARE RADIUS BEND	RA-RF 12-1-1	RA_MP	950x750-950x750	475		45°	35/35	50	50							0	0mm	HEAVY DUTY PERF FOIL-75mm	No	



. Elevation Top
1 : 100



. SPL-L6-Z1-03 - 3D Ortho

SPL-L6-Z1-03 (SA-AHU 6-1) DUCT SCHEDULE

DUCT #	PART TYPE	SYSTEM NAME	SYSTEM	DUCT SIZE	LENGTH	BOTTOM ELEV.	INSULATION	LINING	S / M	COMMENTS
6.1-02	STRAIGHT DUCT	SA-AHU 6-1	SA_MP	450x350	975	1705 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-04	STRAIGHT DUCT	SA-AHU 6-1	SA_MP	450x350	1400	2830 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-05	STRAIGHT DUCT	SA-AHU 6-1	SA_MP	450x350	1400	2830 mm	0mm	HEAVY DUTY PERF FOIL-75mm	No	

SPL-L6-Z1-03 (SA-AHU 6-1) DUCT FITTING SCHEDULE

DUCT #	FITTING TYPE	SYSTEM NAME	SYSTEM TYPE	DUCT SIZE	INNER RADIUS-1	INNER RADIUS-2	ANGLE	FLANGE SIZES	EXT-1	EXT-2	EXT-3	STEP-IN HEIGHT	STEP-IN LENGTH 1	STEP-IN LENGTH 2	WIDTH OFFSET C/L	HEIGHT OFFSET	LENGTH	INSULATION	LINING	S / M	COMMENTS
6.1-01	SQUARE TRANSITION	SA-AHU 6-1	SA_MP	490x350-450x350				35/35	50	50					ET-0	BSU-100	450	0mm	HEAVY DUTY PERF FOIL-75mm	Yes	
6.1-03	SQUARE RADIUS (SQUARE THROAT)	SA-AHU 6-1	SA_MP	350x450-350x450	0		90°	35/35	150	150							0	0mm	HEAVY DUTY PERF FOIL-75mm	No	
6.1-05A	SQUARE CAP	SA-AHU 6-1	SA_MP	450x350				0									20	0mm	HEAVY DUTY PERF FOIL-75mm	No	FIT TO DUCT NUMBER 6.1-05

CONSTRUCTION NOTES.
ALL DUCT BEHIND DUCT MOUNTED GRILLES TO BE FINISHED IN BLACK
REFER DWG NO - UQLB-M-ELA-06-1001 FOR LEVEL 06 - HVAC LAYOUT PART A

REVISION:

2	16/07/20	ISSUED FOR CONSTRUCTION
1	24/02/20	ISSUED FOR CONSTRUCTION

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3/205 Queensport Rd North, Murrarie, QLD, 4172.
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PROJECT: **U of Q - ANDREW N. LIVERIS BUILDING**
St Lucia Campus
400024

TITLE: **LEVEL 6 SHEET 01**

SCALE @ A1: 1 : 100
DATE: 24/02/20
REV.: 2
DRAWING No. ELA-ME-SPL-L06-8101