

Asse stradale di collegamento tra gli svincoli di Prato Est e Prato Ovest "Declassata di Prato"

Raddoppio di Viale Leonardo da Vinci nel tratto compreso tra Via Marx e Via Nenni mediante la realizzazione di un sottopasso

STUDIO PRELIMINARE AMBIENTALE

IL PROGETTISTA

IRIDE S.r.l.

ing. Mauro Di Prete



VISTO: IL RESPONSABILE DEL PROCEDIMENTO

ing. Antonio Scalamandrè

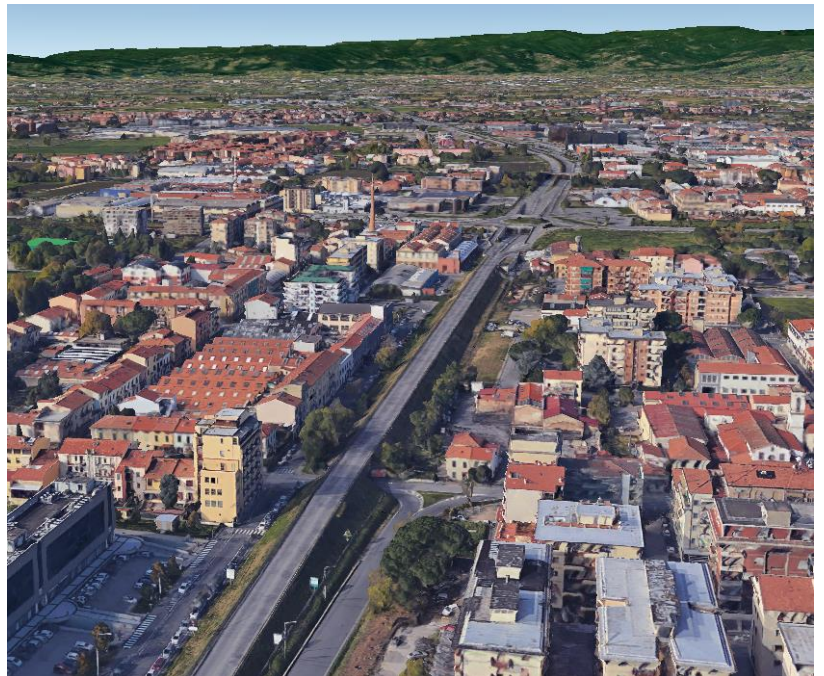
TITOLO

STUDIO PRELIMINARE AMBIENTALE

Allegato III - Calcolo livelli acustici dei ricettori nella situazione ante e post operam

CODICE PROGETTO	NOME FILE	REVISIONE	SCALA:
PROGETTO LIV. PROG. N. PROG. <div style="display: flex; justify-content: space-around;"> COFI03 P 1701 </div>	T00_IA00_AMB_RE03_A CODICE ELAB. T00IA00AMBRE03	<div style="border: 1px solid black; padding: 2px; width: 20px; margin: 0 auto;">A</div>	-
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A	EMISSIONE	Febbraio2018	Santilli
REV.	DESCRIZIONE	DATA	REDATTO
			VERIFICATO
			APPROVATO

**Progetto del raddoppio di viale Leonardo da Vinci
nel tratto compreso tra via Marx e via Nenni
mediante la realizzazione di un sottopasso**



Studio Preliminare Ambientale
Allegato III – Calcolo livelli acustici dei ricettori nella
situazione ante e post operam

Di seguito si riportano in formato tabellare i valori dei livelli acustici dei ricettori dell'area di progetto calcolati con il software SuondPlan.

Le due tabelle rappresentano il clima acustico dello stato attuale e dello scenario post operam. Queste sono state suddivise a seconda della sorgente emittente. Vengono considerati separatamente il contributo della Declassata e delle altre strade comunali, e il rumore totale generato da entrambe le infrastrutture contemporaneamente.

SCENARIO ANTE OPERM							
Edificio	Piano	Rumore Declassata		Rumore Strade comunali		Rumore Totale	
		<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>
Asilo_nido	1	53.4	48.1	57.1	40.8	58.8	49.2
Ed_6	1	58	52.8	55.8	39.5	58.1	52.8
	2	64.1	58.8	58.2	41.9	64.2	58.9
	3	65	59.8	58.6	42.2	65.2	59.8
	4	65.3	60.1	58.9	42.5	65.5	60.1
	5	65.7	60.4	59	42.7	65.9	60.5
	6	65.9	60.7	59.2	42.9	66.2	60.7
Ed_7	1	62.8	57.6	39.3	23	62.8	57.6
	2	65.2	60	43.6	27.3	65.2	60
	3	66	60.8	45.8	29.5	66.1	60.8
	4	66.5	61.2	47.8	31.5	66.5	61.2
	5	66.7	61.5	49.5	33.2	66.8	61.5
	6	66.8	61.5	50.9	34.6	66.9	61.6
Ed_9	2	56.2	50.9	35.9	19.6	56.2	50.9
	3	59	53.8	39.1	22.7	59.1	53.8
Ed_10	1	66.7	61.5	39.5	23.2	66.7	61.5
	2	69.4	64.1	43.4	27.2	69.4	64.1
Ed_12	1	66.7	61.4	46.3	30	66.7	61.5
	2	69.4	64.1	51.1	34.8	69.4	64.1
	3	70.2	65	53.4	37.1	70.3	65
Ed_13	1	66.2	61	66.9	50.6	68	61.1
	2	68.8	63.6	68.2	51.8	69.8	63.7
Ed_14	1	67	61.7	68.7	52.4	69.8	62.2
	2	70.2	65	69.1	52.8	71.7	65.2
	3	71	65.8	68.6	52.3	72.1	66
	4	71	65.8	67.9	51.6	72	66
	5	70.9	65.7	67.2	50.9	71.9	65.8
	6	70.8	65.5	66.3	49.9	71.7	65.7
Ed_15	1	61.1	55.9	68.7	52.3	69.4	57.6
	2	63.5	58.2	69.3	53	70.3	59.5
Ed_16	1	59	53.7	68.7	52.4	69.2	56.3
	2	61.1	55.9	69.3	53	70	57.8
	3	61.4	56.1	68.9	52.6	69.6	57.8
Ed_17	1	57.8	52.5	68.7	52.4	69.1	55.7
	2	59.7	54.5	69.3	53	69.8	57
	3	60.2	54.9	68.9	52.6	69.4	57
	4	61.2	55.9	68.3	51.9	69	57.5
Ed_18	1	64	58.7	53.4	37.1	64.5	58.9
	2	66.6	61.4	57.2	40.9	67.2	61.5
	3	67.2	62	58.2	41.9	67.8	62.1

SCENARIO ANTE OPERM							
Edificio	Piano	Rumore Declassata		Rumore Strade comunali		Rumore Totale	
		<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>
Ed_24	4	67.6	62.3	58.9	42.6	68.2	62.5
	1	52.5	47.3	48.9	32.5	54.2	47.6
	2	55.6	50.3	52.9	36.6	57.5	50.6
Ed_25	1	59.1	53.8	62.2	45.9	63.8	54.3
	2	61.3	56	62.9	46.5	64.9	56.3
Ed_27	1	61.6	56.3	61.9	45.5	64.8	56.9
	2	63.9	58.6	62.6	46.3	66.3	58.9
Ed_29	1	67.2	62	62	45.6	67.5	62
	2	70.9	65.7	62.6	46.2	71.1	65.7
Ed_30	1	54.9	49.7	62.4	46.1	63.2	51.7
	2	56.7	51.5	62.9	46.6	63.9	52.9
	3	57.7	52.5	62.5	46.2	63.8	53.5
	4	58.5	53.3	62	45.6	63.6	54.1
	5	60.5	55.2	61.5	45.1	63.6	55.5
	6	62.9	57.7	61	44.7	64.2	57.9
	7	63.9	58.6	60.5	44.2	64.9	58.8
Ed_31	1	63.3	58.1	61.5	45.2	63.8	58.2
	2	65.4	60.1	62.3	46	65.9	60.2
	3	66.3	61	62.1	45.7	66.8	61.1
	4	66.7	61.4	61.7	45.4	67.1	61.5
Ed_32	1	64.1	58.9	47.7	31.3	64.3	58.9
	2	66.3	61.1	52	35.7	66.5	61.1
	3	67.3	62	53.1	36.8	67.4	62
	4	67.5	62.3	53.8	37.5	67.7	62.3
	5	67.8	62.5	54.6	38.3	68	62.6
	6	67.8	62.6	55	38.7	68	62.6
Ed_33	1	65.1	59.8	39.1	22.8	65.1	59.8
Ed_34	1	63.7	58.4	35.3	19.1	63.7	58.4
	2	66.2	60.9	39.6	23.4	66.2	60.9
Ed_35	1	62.7	57.4	35.2	18.9	62.7	57.4
	2	65	59.7	38.8	22.5	65	59.7
	3	66.2	60.9	41.8	25.5	66.2	60.9
	4	66.5	61.2	44.2	27.9	66.5	61.3
	5	66.2	61	45.9	29.6	66.3	61
	6	66.3	61.1	47.8	31.5	66.4	61.1
Ed_36	1	62.9	57.6	36.4	20.1	62.9	57.6
	2	65.3	60	40.3	24	65.3	60
	3	66.4	61.2	43.7	27.4	66.5	61.2
	4	66.6	61.3	45.8	29.5	66.6	61.4
	5	66.4	61.2	47.7	31.4	66.5	61.2

SCENARIO ANTE OPERM							
Edificio	Piano	Rumore Declassata		Rumore Strade comunali		Rumore Totale	
		<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>
Ed_40	6	66.5	61.3	49.4	33.2	66.6	61.3
	1	58.9	53.7	68.8	52.5	69.1	55.1
	2	61.9	56.6	68.5	52.2	68.9	57.3
Ed_41	1	66.8	61.5	66.6	50.3	68.4	61.7
	2	69.6	64.4	67.3	51	70.7	64.5
Ed_42	1	57.1	51.8	68.4	52.1	68.8	55.2
	2	59	53.8	68.3	52	68.8	56.1
	3	61.1	55.8	67.5	51.1	68.4	57.2
	4	62.6	57.4	66.6	50.2	68	58.2
Ed_43	1	63.8	58.5	65.4	49.1	66.8	58.8
	2	66.2	60.9	66.2	49.9	67.9	61.2
	3	67.1	61.9	65.9	49.6	68.4	62.1
	4	67.6	62.3	65.4	49	68.8	62.5
	5	67.7	62.4	64.6	48.3	68.8	62.6
	6	67.7	62.5	63.7	47.4	68.8	62.6
	7	67.7	62.5	63.5	47.2	68.8	62.6
Ed_44	5	64	58.8	54.4	38.1	64.6	58.9
	6	66.9	61.6	60	43.6	67.7	61.8
Ed_45	1	63.9	58.6	55.9	39.5	64.7	58.9
	2	66.3	61	59.5	43.2	67.2	61.3
	3	67.2	61.9	60.2	43.9	68.1	62.1
	4	67.4	62.2	60.5	44.2	68.3	62.4
Ed_46	1	55.2	49.9	44.9	28.5	55.7	50.1
	2	58.1	52.9	49.4	33	58.9	53.1
	3	59	53.8	50.9	34.6	59.7	53.9
	4	59.3	54	51.3	35	60	54.2
	5	59.4	54.1	51.7	35.3	60.1	54.3
	6	59.5	54.3	52.1	35.8	60.3	54.4
	7	59.7	54.5	52.4	36.1	60.5	54.6
Ed_47	1	64.2	58.9	55.8	39.5	65	59.3
	2	66.7	61.5	59.4	43	67.6	61.7
	3	67.5	62.2	60	43.7	68.3	62.4
	4	67.8	62.5	60.4	44.1	68.6	62.7
	5	67.9	62.7	60.7	44.4	68.8	62.8
	6	68	62.7	61	44.6	68.8	62.9
	7	67.9	62.7	61	44.6	68.8	62.8
Ed_48	1	49.8	44.6	42.5	26.2	50.7	44.8
	2	53.5	48.3	46.4	30.1	54.5	48.5
	3	55.5	50.3	48.8	32.4	56.5	50.5
	4	56.6	51.4	49.3	33	57.4	51.5

SCENARIO ANTE OPERM							
Edificio	Piano	Rumore Declassata		Rumore Strade comunali		Rumore Totale	
		<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>
	5	57.3	52.1	50.2	33.8	58.2	52.3
	6	57.6	52.3	50.8	34.5	58.5	52.5
	7	58	52.7	51.2	34.9	58.8	52.9
Ed_49	1	63.6	58.4	55.4	39.1	64.4	58.6
	2	66.5	61.3	59.2	42.9	67.5	61.6
	3	67.3	62.1	60.1	43.7	68.2	62.3
	4	67.6	62.4	60.5	44.1	68.5	62.5
	5	67.8	62.5	60.8	44.5	68.6	62.7
	6	67.9	62.6	60.9	44.5	68.7	62.8
	7	67.8	62.6	60.8	44.5	68.7	62.7
Ed_50	3	66.1	60.9	65.5	49.2	67.2	61.2
	4	66.6	61.3	66.7	50.4	68.1	61.5
	5	66.8	61.5	66.2	49.8	68.2	61.7
	6	66.9	61.6	65.6	49.3	68.4	61.8
Ed_51	1	61.8	56.6	68.7	52.4	69	57.2
	2	65.6	60.4	68.9	52.6	69.8	60.9
Ed_52	1	50.9	45.6	68.6	52.3	68.7	53.5
	2	55.4	50.1	68.9	52.6	69.1	55
	3	57.6	52.4	68.3	51.9	68.7	55.7
Ed_53	1	62	56.8	65.2	48.8	65.4	57.1
	2	66.6	61.3	66.4	50	67.5	61.6
	3	67.8	62.6	66.2	49.9	68.6	62.7
	4	68.1	62.9	65.9	49.5	68.8	63
	5	68.2	63	65.5	49.2	68.9	63.1
	6	68.3	63	65	48.7	68.9	63.1
	7	68.3	63	64.4	48.1	68.9	63.1
Ed_54	1	52.7	47.5	39.9	23.6	53	47.5
Scuola_Collodi_01	1	48.4	43.1	50.6	34.3	52.8	44
	2	53.1	47.8	54.9	38.6	56.4	48.3
	3	56.3	51.1	55.6	39.3	58.5	51.4
Scuola_Collodi_02	1	48.8	43.5	56.5	40.2	56.9	44.6
	2	51.3	46	59	42.6	59.4	47.1
	3	53.2	48	59.1	42.8	59.7	48.7

SCENARIO POST OPERM							
Edificio	Piano	Rumore Declassata		Rumore Strade comunali		Rumore Totale	
		<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>
Asilo_nido	1	41.6	35.8	57.1	40.8	57.2	41.7
Ed_6	1	39.4	33.9	57.1	40.7	57.1	41.5
	2	41.2	35.6	59	42.7	59.1	43.4
	3	43.4	37.6	59.1	42.8	59.3	43.9
	4	45.2	39.3	59.2	42.9	59.3	44.3
	5	47.1	41.1	59.3	43	59.5	45
	6	49.6	43.5	59.2	42.9	59.5	45.6
Ed_7	1	39.2	33.8	48.1	31.8	48.6	35.7
	2	41.7	35.9	52	35.7	52.3	38.9
	3	44	38.1	53.1	36.8	53.6	40.7
	4	45.6	39.6	53.5	37.2	54.1	41.8
	5	47.8	41.8	53.9	37.7	54.8	43.4
	6	49.2	43.2	54.3	38.1	55.4	44.6
Ed_9	2	37.3	32	39.9	27.5	42	33.6
	3	38.3	33	43.4	30.9	44.8	35.6
Ed_10	1	44.6	39.2	61.9	45.7	62.1	47.7
	2	47.8	42.4	61	44.8	61.3	47.5
Ed_12	1	47.8	42.5	62.2	46.1	62.5	48.7
	2	50.1	44.8	61.5	45.4	61.9	48.9
	3	52.5	47.2	60.6	45	61.5	50.3
Ed_13	1	48.7	43.4	65.8	49.5	65.8	49.8
	2	51	45.7	67	50.6	67	51
Ed_14	1	52.8	47.6	67.4	51	67.4	51.4
	2	56.8	51.6	67.7	51.4	67.7	53.6
	3	61.7	56.4	67.2	50.9	67.3	57.3
	4	62.7	57.5	66.5	50.2	66.5	58.1
	5	63.4	58.1	65.9	49.5	66.1	58.7
	6	64.2	58.9	64.9	48.6	66.4	59.4
Ed_15	1	43.3	38.1	67.5	51.1	67.5	51.4
	2	44.3	39.1	68	51.7	68	51.9
Ed_16	1	41.7	36.4	67.5	51.1	67.5	51.3
	2	42.9	37.6	68.1	51.8	68.1	51.9
	3	43	37.7	67.6	51.3	67.7	51.5
Ed_17	1	40.3	35	67.5	51.1	67.5	51.3
	2	41.1	35.9	68	51.7	68	51.8
	3	41.2	35.9	67.6	51.3	67.6	51.4
	4	42.4	37	67	50.7	67	50.9
Ed_18	1	53.8	48.5	51.2	38	56	49.3
	2	57.3	52	55.3	42.8	59.8	53
	3	60.2	54.9	56.6	44.5	62	55.5
	4	62	56.8	57.8	47.5	63.5	57.4

SCENARIO POST OPERM							
Edificio	Piano	Rumore Declassata		Rumore Strade comunali		Rumore Totale	
		Lg [dB]	Ln [dB]	Lg [dB]	Ln [dB]	Lg [dB]	Ln [dB]
Ed_24	1	43.3	37.7	49	32.7	49.6	38.4
	2	44.7	39.1	53	36.7	53.4	40.2
Ed_25	1	43.2	37.7	62.2	45.9	62.3	46.4
	2	44.5	38.9	63	46.6	63	47.1
Ed_27	1	47.1	41.7	61.9	45.6	61.9	46.5
	2	49.9	44.4	62.6	46.3	62.7	47.6
Ed_29	1	58.1	52.3	61.7	45.5	61.9	52.7
	2	63.4	57.7	62.2	46	64.5	57.8
Ed_30	1	40.3	34.8	62.4	46.1	62.4	46.4
	2	40.9	35.2	62.9	46.6	62.9	46.9
	3	43.1	37	62.5	46.2	62.6	46.8
	4	44.8	38.6	62	45.7	62	46.5
	5	47.7	41.4	61.5	45.1	61.6	46.4
	6	49.9	43.5	60.9	44.6	61.1	46.4
	7	51.7	45.4	60.4	44.1	60.7	47
Ed_31	1	44.2	38.7	61.5	45.2	61.6	45.7
	2	46.1	40.4	62.3	46	62.4	46.6
	3	50.1	44.4	62.1	45.8	62.1	46.9
	4	53.3	47.6	61.7	45.4	61.8	48.7
Ed_32	1	44.4	38.8	51.7	35.4	52.6	40.7
	2	46.5	40.7	54.4	38.2	55.2	42.9
	3	50.8	45	55	38.8	56.4	46.1
	4	53.1	47.4	55.3	39.2	57.4	48.1
	5	53.6	47.6	55.6	39.6	57.8	48.4
	6	55.1	49.3	55.8	40.1	58.6	49.9
Ed_33	1	43.3	37.4	49.7	33.7	50.9	39.3
Ed_34	1	39.6	34.1	47.6	31.7	48.5	36.3
	2	43.8	37.9	50.2	34.3	51.4	39.8
Ed_35	1	37.8	32.4	46.4	30.4	47.3	34.8
	2	40.8	35.3	49.8	33.8	50.6	37.9
	3	44.1	38.4	50.6	34.9	51.8	40.4
	4	46.6	40.9	51.3	36.1	52.8	42.4
	5	48.4	42.8	51.8	37.4	53.6	44.2
	6	49.7	44.1	52.2	38.2	54.3	45.4
Ed_36	1	38.7	33.2	46.8	30.8	47.5	35.3
	2	42.1	36.4	49.9	33.9	50.7	38.5
	3	45.4	39.7	51.4	35.8	52.6	41.7
	4	47.2	41.7	52	37.1	53.5	43.4
	5	49.4	43.9	52.5	38.5	54.4	45.4
	6	50.7	45.3	52.9	39.3	55.1	46.6
Ed_40	1	48.2	43	68.3	52	68.4	52.1
	2	50.6	45.3	68	51.7	68	51.9
Ed_41	1	53.1	47.9	66	49.8	66.1	51.6

SCENARIO POST OPERM							
Edificio	Piano	Rumore Declassata		Rumore Strade comunali		Rumore Totale	
		Lg [dB]	Ln [dB]	Lg [dB]	Ln [dB]	Lg [dB]	Ln [dB]
	2	58.5	53.3	66.3	50.1	66.5	54.5
Ed_42	1	40.2	34.9	70.4	54.1	70.4	54.2
	2	42.5	37.3	69.1	52.8	69.1	53
	3	42.7	37.4	67.8	51.5	67.8	51.7
	4	44.2	38.7	66.7	50.4	66.7	50.7
Ed_43	1	50.1	44.8	66.5	50.2	66.6	50.6
	2	52.5	47.2	66.7	50.3	66.7	51
	3	54.6	49.4	66	49.7	66.1	51.3
	4	56.7	51.4	65.3	48.9	65.3	52.9
	5	58.4	53.2	64.4	48.1	64.7	54.3
	6	59.2	53.9	63.2	47.1	63.5	54.9
	7	60.2	54.9	62.7	47.4	63.7	55.8
Ed_44	5	55.2	49.9	53.5	41	57.6	50.6
	6	58.9	53.6	57.7	44.1	61.5	54.3
Ed_45	1	51.5	46.3	53.5	39.8	55.9	47.6
	2	53.9	48.6	57.1	42.6	58.9	50
	3	56.2	51	58.1	44.3	60.5	52.2
	4	58.2	52.9	58.5	45.5	61.6	54
Ed_46	1	47.9	42.6	42	28.8	49.1	43
	2	51.1	45.9	45.7	31.9	52.4	46.2
	3	53.1	47.9	47.5	34	54.5	48.4
	4	55.2	50	48.1	35.1	56.1	50.3
	5	56.1	50.9	48.3	35.6	56.9	51.1
	6	56.8	51.6	48.5	36.4	57.5	51.8
	7	57.4	52.1	49	37.7	58	52.4
Ed_47	1	54	48.7	52.9	41.1	56.8	49.9
	2	56.9	51.6	56.4	44	60	52.8
	3	60	54.7	57.6	46.3	62.2	55.6
	4	61.7	56.5	58.3	47.6	63.5	57.2
	5	63.1	57.8	58.6	48.3	64.6	58.5
	6	63.8	58.6	58.9	49	65.2	59.2
	7	64.3	59	59	49.2	65.5	59.5
Ed_48	1	47.2	41.9	42.6	33.1	48.7	42.8
	2	51.1	45.9	46.3	37.4	52.6	46.7
	3	53.4	48.1	49.1	41	55	49.1
	4	54.8	49.6	50.8	43.4	56.4	50.7
	5	55.6	50.4	52.2	45	57.4	51.6
	6	56	50.7	52.7	45.5	57.7	51.9
	7	56.3	51	53.3	46.1	58.1	52.3
Ed_49	1	57.1	51.8	53.7	44.3	59.3	53.3
	2	61.2	56	57.5	47.8	63.2	57.1
	3	63.7	58.5	59	50.1	65.2	59.3
	4	64.8	59.6	59.7	51.2	66.2	60.4

SCENARIO POST OPERM							
Edificio	Piano	Rumore Declassata		Rumore Strade comunali		Rumore Totale	
		<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>
	5	65.5	60.2	60.1	51.9	66.7	61
	6	65.7	60.5	60.4	52.4	66.9	61.2
	7	65.7	60.5	60.4	52.4	66.9	61.2
Ed_50	3	64	58.7	66	54.4	66.9	60.2
	4	64.6	59.3	67.1	56.2	68	61
	5	64.9	59.7	66.6	56.6	67.7	61.3
	6	65.2	59.9	66.1	56.8	67.9	61.4
Ed_51	1	58.8	53.5	68.8	53.6	69	55.7
	2	63.3	58	69.1	55.2	69.6	59.8
Ed_52	1	48.4	43.1	68.7	52.6	68.7	53.4
	2	53.1	47.9	68.9	53.3	69.1	54.8
	3	55.5	50.3	68.3	53.2	68.6	55.5
Ed_53	1	58.6	53.3	65.1	52.8	65.3	56.5
	2	63.4	58.2	66.3	57.6	67	61.1
	3	64.9	59.7	66.2	58.8	68.2	62.4
	4	65.4	60.1	65.7	59.1	68.4	62.7
	5	65.5	60.3	65.4	59.2	68.5	62.8
	6	65.6	60.3	65.4	59.2	68.6	62.9
	7	65.6	60.3	65.4	59.2	68.5	62.9
Ed_54	1	48.8	43.6	50.4	44.9	52.9	47.5
Scuola_Collodi_01	1	40.2	33.9	50.6	34.4	50.8	36.6
	2	42.4	34.9	54.9	38.6	55	39.3
	3	44.6	36.8	55.7	39.3	55.7	40.5
Scuola_Collodi_02	1	35.5	29.9	56.5	40.2	56.5	40.4
	2	36	30.4	59	42.6	59	42.8
	3	37	31.3	59.1	42.8	59.1	42.9

Caratterizzazione acustica relativa alla sola Declassata							
Edificio	Piano	Ante operam		Post operam		Limiti normativi	
		<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg, lim [dB]</i>	<i>Ln, lim [dB]</i>
Asilo_nido	1	53.4	48.1	41.6	35.8	50	40
Ed_6	1	58	52.8	39.4	33.9	50	40
	2	64.1	58.8	41.2	35.6	70	60
	3	65	59.8	43.4	37.6	70	60
	4	65.3	60.1	45.2	39.3	70	60
	5	65.7	60.4	47.1	41.1	70	60
	6	65.9	60.7	49.6	43.5	70	60
Ed_7	1	62.8	57.6	39.2	33.8	70	60
	2	65.2	60	41.7	35.9	70	60
	3	66	60.8	44	38.1	70	60
	4	66.5	61.2	45.6	39.6	70	60
	5	66.7	61.5	47.8	41.8	70	60
	6	66.8	61.5	49.2	43.2	70	60
Ed_9	2	56.2	50.9	37.3	32	70	60
	3	59	53.8	38.3	33	70	60
Ed_10	1	66.7	61.5	44.6	39.2	70	60
	2	69.4	64.1	47.8	42.4	70	60
Ed_12	1	66.7	61.4	47.8	42.5	70	60
	2	69.4	64.1	50.1	44.8	70	60
	3	70.2	65	52.5	47.2	70	60
Ed_13	1	66.2	61	48.7	43.4	70	60
	2	68.8	63.6	51	45.7	70	60
Ed_14	1	67	61.7	52.8	47.6	70	60
	2	70.2	65	56.8	51.6	70	60
	3	71	65.8	61.7	56.4	70	60
	4	71	65.8	62.7	57.5	70	60
	5	70.9	65.7	63.4	58.1	70	60
	6	70.8	65.5	64.2	58.9	70	60
Ed_15	1	61.1	55.9	43.3	38.1	70	60
	2	63.5	58.2	44.3	39.1	70	60
Ed_16	1	59	53.7	41.7	36.4	70	60
	2	61.1	55.9	42.9	37.6	70	60
	3	61.4	56.1	43	37.7	70	60
Ed_17	1	57.8	52.5	40.3	35	70	60
	2	59.7	54.5	41.1	35.9	70	60
	3	60.2	54.9	41.2	35.9	70	60
	4	61.2	55.9	42.4	37	70	60
Ed_18	1	64	58.7	53.8	48.5	70	60
	2	66.6	61.4	57.3	52	70	60
	3	67.2	62	60.2	54.9	70	60
	4	67.6	62.3	62	56.8	70	60
Ed_24	1	52.5	47.3	43.3	37.7	70	60
	2	55.6	50.3	44.7	39.1	70	60

Caratterizzazione acustica relativa alla sola Declassata

Edificio	Piano	Ante operam		Post operam		Limiti normativi	
		<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg, lim [dB]</i>	<i>Ln, lim [dB]</i>
Ed_25	1	59.1	53.8	43.2	37.7	70	60
	2	61.3	56	44.5	38.9	70	60
Ed_27	1	61.6	56.3	47.1	41.7	70	60
	2	63.9	58.6	49.9	44.4	70	60
Ed_29	1	67.2	62	58.1	52.3	70	60
	2	70.9	65.7	63.4	57.7	70	60
Ed_30	1	54.9	49.7	40.3	34.8	70	60
	2	56.7	51.5	40.9	35.2	70	60
	3	57.7	52.5	43.1	37	70	60
	4	58.5	53.3	44.8	38.6	70	60
	5	60.5	55.2	47.7	41.4	70	60
	6	62.9	57.7	49.9	43.5	70	60
	7	63.9	58.6	51.7	45.4	70	60
Ed_31	1	63.3	58.1	44.2	38.7	70	60
	2	65.4	60.1	46.1	40.4	70	60
	3	66.3	61	50.1	44.4	70	60
	4	66.7	61.4	53.3	47.6	70	60
Ed_32	1	64.1	58.9	44.4	38.8	70	60
	2	66.3	61.1	46.5	40.7	70	60
	3	67.3	62	50.8	45	70	60
	4	67.5	62.3	53.1	47.4	70	60
	5	67.8	62.5	53.6	47.6	70	60
	6	67.8	62.6	55.1	49.3	70	60
Ed_33	1	65.1	59.8	43.3	37.4	70	60
Ed_34	1	63.7	58.4	39.6	34.1	70	60
	2	66.2	60.9	43.8	37.9	70	60
Ed_35	1	62.7	57.4	37.8	32.4	70	60
	2	65	59.7	40.8	35.3	70	60
	3	66.2	60.9	44.1	38.4	70	60
	4	66.5	61.2	46.6	40.9	70	60
	5	66.2	61	48.4	42.8	70	60
	6	66.3	61.1	49.7	44.1	70	60
Ed_36	1	62.9	57.6	38.7	33.2	70	60
	2	65.3	60	42.1	36.4	70	60
	3	66.4	61.2	45.4	39.7	70	60
	4	66.6	61.3	47.2	41.7	70	60
	5	66.4	61.2	49.4	43.9	70	60
	6	66.5	61.3	50.7	45.3	70	60
Ed_40	1	58.9	53.7	48.2	43	70	60
	2	61.9	56.6	50.6	45.3	70	60
Ed_41	1	66.8	61.5	53.1	47.9	70	60
	2	69.6	64.4	58.5	53.3	70	60
Ed_42	1	57.1	51.8	40.2	34.9	70	60
	2	59	53.8	42.5	37.3	70	60

Caratterizzazione acustica relativa alla sola Declassata

Edificio	Piano	Ante operam		Post operam		Limiti normativi	
		<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg [dB]</i>	<i>Ln [dB]</i>	<i>Lg, lim [dB]</i>	<i>Ln, lim [dB]</i>
	3	61.1	55.8	42.7	37.4	70	60
	4	62.6	57.4	44.2	38.7	70	60
Ed_43	1	63.8	58.5	50.1	44.8	70	60
	2	66.2	60.9	52.5	47.2	70	60
	3	67.1	61.9	54.6	49.4	70	60
	4	67.6	62.3	56.7	51.4	70	60
	5	67.7	62.4	58.4	53.2	70	60
	6	67.7	62.5	59.2	53.9	70	60
	7	67.7	62.5	60.2	54.9	70	60
Ed_44	5	64	58.8	55.2	49.9	70	60
	6	66.9	61.6	58.9	53.6	70	60
Ed_45	1	63.9	58.6	51.5	46.3	70	60
	2	66.3	61	53.9	48.6	70	60
	3	67.2	61.9	56.2	51	70	60
	4	67.4	62.2	58.2	52.9	70	60
Ed_46	1	55.2	49.9	47.9	42.6	70	60
	2	58.1	52.9	51.1	45.9	70	60
	3	59	53.8	53.1	47.9	70	60
	4	59.3	54	55.2	50	70	60
	5	59.4	54.1	56.1	50.9	70	60
	6	59.5	54.3	56.8	51.6	70	60
	7	59.7	54.5	57.4	52.1	70	60
Ed_47	1	64.2	58.9	54	48.7	70	60
	2	66.7	61.5	56.9	51.6	70	60
	3	67.5	62.2	60	54.7	70	60
	4	67.8	62.5	61.7	56.5	70	60
	5	67.9	62.7	63.1	57.8	70	60
	6	68	62.7	63.8	58.6	70	60
	7	67.9	62.7	64.3	59	70	60
Ed_48	1	49.8	44.6	47.2	41.9	70	60
	2	53.5	48.3	51.1	45.9	70	60
	3	55.5	50.3	53.4	48.1	70	60
	4	56.6	51.4	54.8	49.6	70	60
	5	57.3	52.1	55.6	50.4	70	60
	6	57.6	52.3	56	50.7	70	60
	7	58	52.7	56.3	51	70	60
Ed_49	1	63.6	58.4	57.1	51.8	70	60
	2	66.5	61.3	61.2	56	70	60
	3	67.3	62.1	63.7	58.5	70	60
	4	67.6	62.4	64.8	59.6	70	60
	5	67.8	62.5	65.5	60.2	70	60
	6	67.9	62.6	65.7	60.5	70	60
	7	67.8	62.6	65.7	60.5	70	60
Ed_50	3	66.1	60.9	64	58.7	70	60

Caratterizzazione acustica relativa alla sola Declassata

Edificio	Piano	Ante operam		Post operam		Limiti normativi	
		<i>L_g [dB]</i>	<i>L_n [dB]</i>	<i>L_g [dB]</i>	<i>L_n [dB]</i>	<i>L_{g, lim} [dB]</i>	<i>L_{n, lim} [dB]</i>
	4	66.6	61.3	64.6	59.3	70	60
	5	66.8	61.5	64.9	59.7	70	60
	6	66.9	61.6	65.2	59.9	70	60
Ed_51	1	61.8	56.6	58.8	53.5	70	60
	2	65.6	60.4	63.3	58	70	60
Ed_52	1	50.9	45.6	48.4	43.1	70	60
	2	55.4	50.1	53.1	47.9	70	60
	3	57.6	52.4	55.5	50.3	70	60
Ed_53	1	62	56.8	58.6	53.3	70	60
	2	66.6	61.3	63.4	58.2	70	60
	3	67.8	62.6	64.9	59.7	70	60
	4	68.1	62.9	65.4	60.1	70	60
	5	68.2	63	65.5	60.3	70	60
	6	68.3	63	65.6	60.3	70	60
	7	68.3	63	65.6	60.3	70	60
Ed_54	1	52.7	47.5	48.8	43.6	70	60
Scuola_Collodi_01	1	48.4	43.1	40.2	33.9	70	60
	2	53.1	47.8	42.4	34.9	70	60
	3	56.3	51.1	44.6	36.8	70	60
Scuola_Collodi_02	1	48.8	43.5	35.5	29.9	70	60
	2	51.3	46	36	30.4	70	60
	3	53.2	48	37	31.3	70	60