

COMUNE
DI
ORGOSOLO



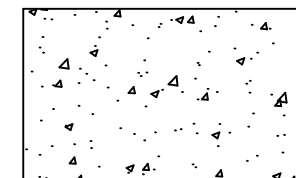
STUDIO TECNICO
Ing. Salvatore SERRA
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PROGETTO ESECUTIVO

LAVORI DI SISTEMAZIONE E RIPRISTINO DEL
CANALE DI GUARDIA A PROTEZIONE DELL'ABITATO
A SEGUITO DEGLI EVENTI METEREologici
VERIFICATISI NEL NOVEMBRE 2013.

ALLEGATO ALLO
STUDIO DI COMPATIBILITÀ
IDRAULICA:

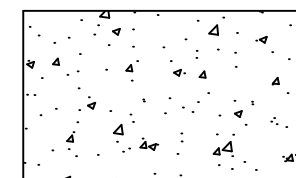
TABELLE VERIFICA
FRANCO IDRAULICO



21

TAVOLA

Il progettista:
Ing. Salvatore Serra



SCALA

Il R.U.P.:
Arch. Antonello Loi

Il Resp. dell'area:
Arch. Marco Bazzu

DATA
30 Maggio 2019

	criteri art. 21 N.A. PAI												
	River Sta	Profile	Q Total [m3/s]	y [m]	v [m/s]	(1) [m]	(2) [m]	(3) [m]	coeff. rid.	franco [m]	y + franco [m]	h canale [m]	verifica
NUOVO CANALE A MONTE	310.00	TR = 200	3.29	0.39	3.66	0.34	0.39	0.54	1.00	0.54	0.93	0.95	VERIFICA
	300.00	TR = 200	3.29	0.63	3.64	0.34	0.63	0.69	1.00	0.69	0.95	0.95	VERIFICA
	260.00	TR = 200	3.29	0.47	5.55	1.10	1.00	0.71	0.41	0.46	0.93	1.04	VERIFICA
	259.00	TR = 200	3.29	0.73	3.24	0.37	1.00	0.39	0.41	0.41	1.14	1.09	NON VERIFICA
	258.00	TR = 200	3.29	0.43	6.22	1.38	1.00	0.81	0.41	0.57	1.00	2.06	VERIFICA
	257.00	TR = 200	3.29	0.51	5.22	0.97	1.00	0.67	0.41	0.41	0.92	1.06	VERIFICA
	256.00	TR = 200	3.29	0.39	6.57	1.54	1.00	0.86	0.41	0.64	1.03	1.79	VERIFICA
	255.00	TR = 200	3.29	0.58	4.35	0.68	1.00	0.53	0.41	0.41	0.99	0.91	NON VERIFICA
	254.00	TR = 200	3.29	0.59	4.57	0.75	1.00	0.58	0.41	0.41	1.00	1.11	VERIFICA
	253.00	TR = 200	3.29	0.55	4.76	0.81	1.00	0.60	0.41	0.41	0.96	1.04	VERIFICA
	252.00	TR = 200	3.29	0.27	6.46	1.49	1.00	0.74	0.41	0.62	0.89	1.68	VERIFICA
	251.00	TR = 200	3.29	0.62	2.72	0.26	1.00	0.23	0.41	0.41	1.03	1.35	VERIFICA
	250.00	TR = 200	3.29	0.27	6.76	1.63	1.00	0.80	0.41	0.68	0.95	3.06	VERIFICA
	249.00	TR = 200	3.29	0.37	4.82	0.83	1.00	0.49	0.41	0.41	0.78	1.13	VERIFICA
	248.00	TR = 200	3.29	0.28	6.67	1.59	1.00	0.79	0.41	0.66	0.94	2.10	VERIFICA
	247.00	TR = 200	3.29	0.56	3.33	0.40	1.00	0.32	0.41	0.41	0.97	1.46	VERIFICA
	246.00	TR = 200	3.29	0.61	2.99	0.32	1.00	0.28	0.41	0.41	1.02	1.46	VERIFICA
	245.00	TR = 200	3.29	0.42	4.47	0.71	1.00	0.46	0.41	0.41	0.83	1.46	VERIFICA
	244.00	TR = 200	3.29	0.30	6.22	1.38	1.00	0.72	0.41	0.57	0.87	2.26	VERIFICA

	criteri art. 21 N.A. PAI												
	River Sta	Profile	Q Total [m3/s]	y [m]	v [m/s]	(1) [m]	(2) [m]	(3) [m]	coeff. rid.	franco [m]	y + franco [m]	h canale [m]	verifica
CANALE TOMBATO ESISTENTE	243.00	TR = 200	3.29	0.63	2.66	0.25	1.00	0.22	0.41	0.41	1.04	1.37	VERIFICA
	242.00	TR = 200	3.29	0.33	3.42	0.42	1.00	0.18	0.41	0.41	0.74	1.63	VERIFICA
	241.00	TR = 200	3.29	0.51	2.24	0.18	1.00	0.07	0.41	0.41	0.92	1.63	VERIFICA
	240.00	TR = 200	3.29	0.41	2.51	0.22	1.00	0.06	0.41	0.41	0.82	1.37	VERIFICA
	239.00	TR = 200	3.29	0.29	2.93	0.31	1.00	0.05	0.41	0.41	0.70	1.30	VERIFICA
	238.00	TR = 200	11.03	0.94	3.05	0.33	1.00	0.45	0.80	0.80	1.74	1.30	NON VERIFICA
	237.00	TR = 200	11.03	1.05	3.22	0.37	1.00	0.54	0.80	0.80	1.85	1.64	NON VERIFICA
	236.00	TR = 200	11.03	1.17	3.37	0.41	1.00	0.62	0.80	0.80	1.97	3.15	VERIFICA
	235.00	TR = 200	11.03	1.17	3.37	0.41	1.00	0.62	0.80	0.80	1.97	3.15	VERIFICA
	234.00	TR = 200	11.03	1.16	3.40	0.41	1.00	0.62	0.80	0.80	1.96	3.15	VERIFICA
	233.00	TR = 200	11.03	0.58	6.80	1.65	1.00	1.02	0.80	1.32	1.90	3.15	VERIFICA
	232.00	TR = 200	11.03	1.18	3.39	0.41	1.00	0.62	0.80	0.80	1.98	3.15	VERIFICA
	231.00	TR = 200	11.03	1.18	3.37	0.41	1.00	0.62	0.80	0.80	1.98	3.15	VERIFICA
	230.00	TR = 200	11.03	1.17	3.40	0.41	1.00	0.62	0.80	0.80	1.97	3.15	VERIFICA
	229.00	TR = 200	11.03	0.60	6.69	1.60	1.00	1.01	0.80	1.28	1.88	3.15	VERIFICA
	228.00	TR = 200	11.03	0.57	5.53	1.09	1.00	0.76	0.80	0.87	1.44	2.74	VERIFICA
	227.00	TR = 200	11.03	0.78	4.06	0.59	1.00	0.58	0.80	0.80	1.58	2.74	VERIFICA
	226.00	TR = 200	11.03	1.05	3.22	0.37	1.00	0.54	0.80	0.80	1.85	1.70	NON VERIFICA
	225.00	TR = 200	11.03	1.05	3.22	0.37	1.00	0.54	0.80	0.80	1.85	1.70	NON VERIFICA

River Sta	Profile	Q Total [m3/s]	y [m]	v [m/s]	criteri art. 21 N.A. PAI			coeff. rid.	franco [m]	y + franco [m]	h canale [m]	verifica
					(1) [m]	(2) [m]	(3) [m]					
224.00	TR = 200	11.03	0.49	6.87	1.68	1.00	0.98	0.80	1.35	1.84	1.70	NON VERIFICA
223.00	TR = 200	11.03	1.05	3.22	0.37	1.00	0.54	0.80	0.80	1.85	1.70	NON VERIFICA
222.00	TR = 200	11.03	0.51	6.44	1.48	1.00	0.91	0.80	1.19	1.70	1.70	VERIFICA
221.00	TR = 200	11.03	0.67	5.81	1.20	1.00	0.87	0.80	0.97	1.64	1.70	VERIFICA
220.00	TR = 200	11.03	0.98	3.56	0.45	1.00	0.57	0.80	0.80	1.78	1.70	NON VERIFICA
219.00	TR = 200	11.03	0.44	7.80	2.17	1.00	1.14	0.80	1.74	2.18	1.70	NON VERIFICA
218.00	TR = 200	11.03	0.86	4.21	0.63	1.00	0.65	0.80	0.80	1.66	1.70	VERIFICA
217.00	TR = 200	11.03	0.43	8.12	2.35	1.00	1.19	0.80	1.89	2.32	1.70	NON VERIFICA
216.00	TR = 200	11.03	0.77	4.88	0.85	1.00	0.74	0.80	0.80	1.57	1.70	VERIFICA
215.00	TR = 200	11.03	0.51	8.12	2.35	1.00	1.25	0.80	1.89	2.40	3.77	VERIFICA
214.00	TR = 200	11.03	0.62	6.51	1.51	1.00	0.99	0.80	1.21	1.83	1.70	NON VERIFICA
213.00	TR = 200	15.96	1.81	4.20	0.63	1.00	1.01	1.05	1.06	2.87	2.09	NON VERIFICA
212.00	TR = 200	15.96	1.85	4.31	0.66	1.00	1.05	1.05	1.10	2.95	1.85	NON VERIFICA
211.00	TR = 200	15.96	1.18	6.78	1.64	1.00	1.30	1.05	1.72	2.90	1.81	NON VERIFICA
210.00	TR = 200	15.96	1.13	7.06	1.78	1.00	1.34	1.05	1.86	2.99	2.49	NON VERIFICA
209.00	TR = 200	15.96	1.81	4.41	0.69	1.00	1.05	1.05	1.10	2.91	1.81	NON VERIFICA
208.00	TR = 200	15.96	1.06	7.49	2.00	1.00	1.39	1.05	2.10	3.16	1.81	NON VERIFICA
207.00	TR = 200	15.96	1.26	6.36	1.44	1.00	1.25	1.05	1.51	2.77	1.81	NON VERIFICA
206.00	TR = 200	15.96	1.37	5.83	1.21	1.00	1.18	1.05	1.27	2.64	1.98	NON VERIFICA
205.00	TR = 200	15.96	1.28	6.22	1.38	1.00	1.23	1.05	1.45	2.73	1.75	NON VERIFICA

	criteri art. 21 N.A. PAI												
	River Sta	Profile	Q Total [m3/s]	y [m]	v [m/s]	(1) [m]	(2) [m]	(3) [m]	coeff. rid.	franco [m]	y + franco [m]	h canale [m]	verifica
	204.00	TR = 200	15.96	0.89	8.95	2.86	1.00	1.61	1.05	3.00	3.89	3.69	NON VERIFICA
	203.00	TR = 200	15.96	1.43	5.56	1.10	1.00	1.15	1.05	1.21	2.64	3.82	VERIFICA
	202.00	TR = 200	15.96	1.14	6.97	1.73	1.00	1.32	1.05	1.82	2.96	4.52	VERIFICA
	201.00	TR = 200	15.96	1.49	5.36	1.03	1.00	1.13	1.05	1.19	2.68	2.00	NON VERIFICA
	200.00	TR = 200	15.96	1.28	6.24	1.39	1.00	1.23	1.05	1.46	2.74	2.00	NON VERIFICA
NUOVO CANALE A VALLE	117.00	TR = 200	15.96	0.89	7.93	1.60	0.89	0.82	1.00	1.60	2.49	3.00	VERIFICA
	116.00	TR = 200	15.96	0.96	7.32	1.37	1.00	0.85	1.00	1.37	2.33	3.00	VERIFICA
	115.00	TR = 200	15.96	0.96	7.28	1.35	1.00	0.85	1.00	1.35	2.31	3.00	VERIFICA
	114.00	TR = 200	15.96	1.01	7.92	1.60	1.00	0.87	1.00	1.60	2.61	3.00	VERIFICA
	113.00	TR = 200	15.96	1.11	7.18	1.31	1.00	0.92	1.00	1.31	2.42	3.00	VERIFICA
	112.00	TR = 200	15.96	1.15	6.96	1.23	1.00	0.93	1.00	1.23	2.38	3.00	VERIFICA
	111.00	TR = 200	15.96	1.18	6.77	1.17	1.00	0.95	1.00	1.17	2.35	3.00	VERIFICA
	110.00	TR = 200	15.96	0.91	7.76	1.53	1.00	0.83	1.00	1.53	2.44	3.00	VERIFICA
	109.00	TR = 200	15.96	0.95	7.43	1.41	1.00	0.85	1.00	1.41	2.36	3.00	VERIFICA
	108.00	TR = 200	15.96	1.14	6.97	1.24	1.00	0.93	1.00	1.24	2.38	3.00	VERIFICA
	107.00	TR = 200	15.96	0.89	7.93	1.60	1.00	0.82	1.00	1.60	2.49	3.00	VERIFICA
	106.00	TR = 200	15.96	1.00	7.96	1.61	1.00	0.87	1.00	1.61	2.61	3.00	VERIFICA
	105.00	TR = 200	15.96	1.06	7.53	1.44	1.00	0.90	1.00	1.44	2.50	3.00	VERIFICA
	104.00	TR = 200	15.96	0.93	7.63	1.48	1.00	0.84	1.00	1.48	2.41	3.00	VERIFICA

