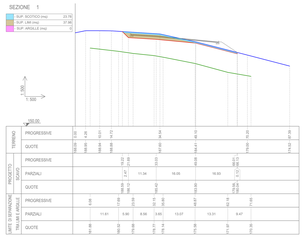

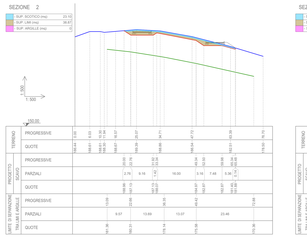

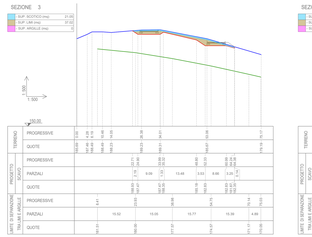

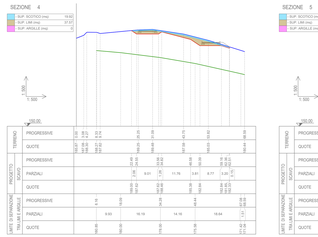

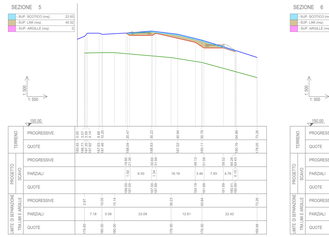

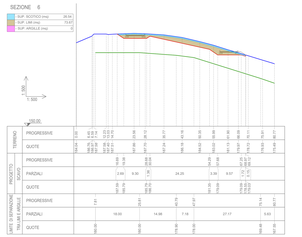

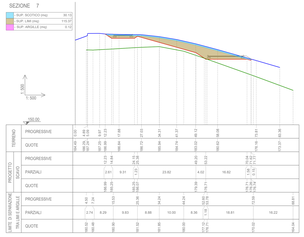

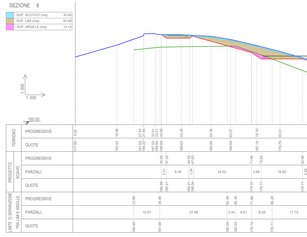

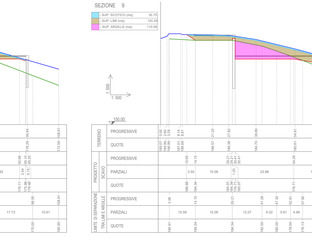

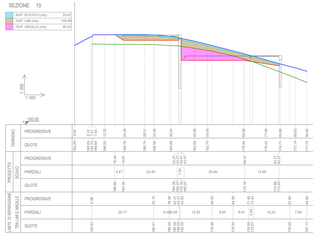

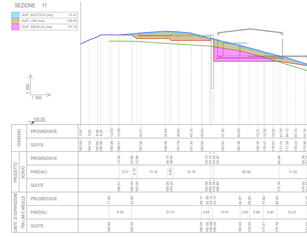

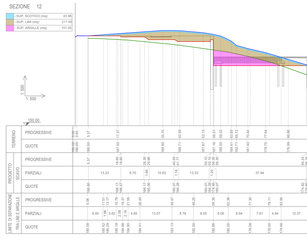

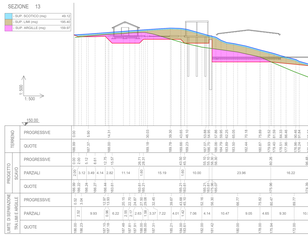

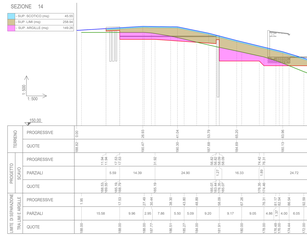

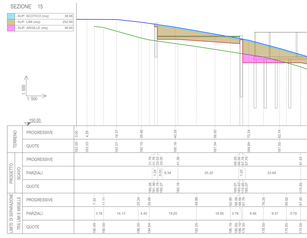

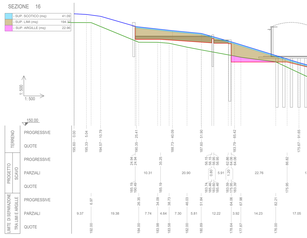

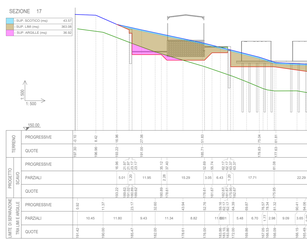

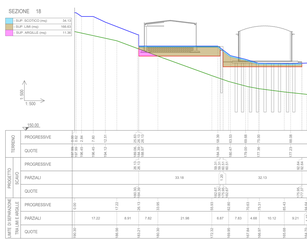

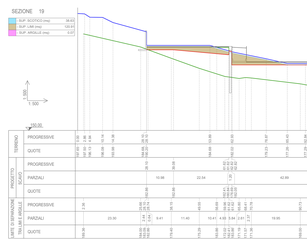

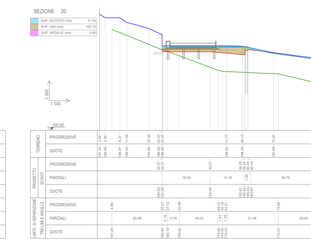

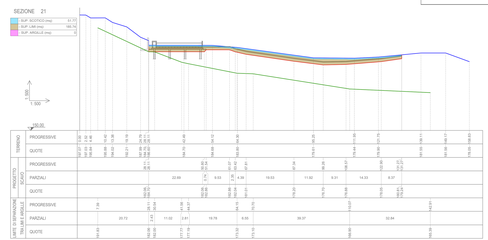

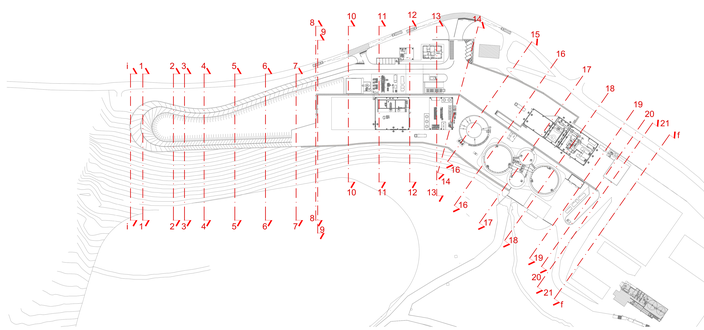

CALCOLO DEI VOLUMI DI SCAVO DIVISI PER LITOLOGIA
METODO DELLE SEZIONI RAGGUAGLIATE

VOLUMI SCOTTO

sezione	S1 [mq]	S2 [mq]	media superfici [mq]	distanza sez. [m]	volume [mc]
1 - 1	0.00	23.78	11.89	10.00	119
1 - 2	23.78	23.10	23.44	20.00	469
2 - 3	23.10	31.20	27.15	9.00	160
3 - 4	31.20	19.62	25.41	9.00	152
4 - 5	19.62	22.63	21.13	10.00	211
5 - 6	22.63	29.54	26.09	25.00	652
6 - 7	29.54	39.72	34.63	25.00	758
7 - 8	39.72	33.40	36.56	16.00	464
8 - 9	33.40	36.72	35.06	1.60	56
9 - 10	36.72	22.67	32.369	25.00	809
10 - 11	22.67	37.74	30.205	25.00	755
11 - 12	37.74	43.90	40.820	25.00	1.021
12 - 13	43.90	49.12	46.510	25.00	1.163
13 - 14	49.12	45.65	47.384	20.00	947
14 - 15	45.65	39.96	42.804	25.00	1.070
15 - 16	39.96	41.09	40.525	25.00	1.013
16 - 17	41.09	43.57	42.330	25.00	1.058
17 - 18	43.57	34.72	39.150	25.00	979
18 - 19	34.72	38.63	36.390	25.00	910
19 - 20	38.63	41.94	40.285	13.75	553
20 - 21	41.94	51.77	51.355	6.90	354
21 - 1	51.77	0.00	25.885	16.75	433
				TOT. SCAVO SCOTTO	14.660

VOLUMI ARGILLE

sezione	S1 [mq]	S2 [mq]	media superfici [mq]	distanza sez. [m]	volume [mc]
1 - 1	0.00	0.00	0.000	10.00	0
1 - 2	0.00	0.00	0.000	20.00	0
2 - 3	0.00	0.00	0.000	9.00	0
3 - 4	0.00	0.00	0.000	9.00	0
4 - 5	0.00	0.00	0.000	10.00	0
5 - 6	0.00	0.00	0.000	25.00	0
6 - 7	0.00	0.00	0.000	25.00	0
7 - 8	0.00	6.12	3.060	16.00	49
8 - 9	6.12	13.14	9.630	16.00	154
9 - 10	13.14	110.86	61.999	1.60	99
10 - 11	110.86	64.42	103.580	25.00	2.590
11 - 12	64.42	87.74	76.080	25.00	1.902
12 - 13	87.74	101.00	94.370	25.00	2.359
13 - 14	101.00	108.00	104.500	20.00	2.090
14 - 15	108.00	96.00	102.510	25.00	2.563
15 - 16	96.00	97.00	96.500	25.00	2.413
16 - 17	97.00	72.00	84.500	25.00	2.113
17 - 18	72.00	72.00	72.000	25.00	1.800
18 - 19	72.00	0.00	36.000	25.00	900
19 - 20	0.00	0.00	0.000	13.75	0
20 - 21	0.00	0.00	0.000	6.90	0
21 - 1	0.00	0.00	0.000	16.75	0
				TOT. SCAVO ARGILLE	17.920

VOLUMI LIM

sezione	S1 [mq]	S2 [mq]	media superfici [mq]	distanza sez. [m]	volume [mc]
1 - 1	0.00	37.56	18.780	10.00	188
1 - 2	37.56	36.42	36.990	20.00	740
2 - 3	36.42	51.62	44.020	9.00	396
3 - 4	51.62	37.32	47.264	9.00	356
4 - 5	37.32	44.02	39.500	25.00	962
5 - 6	44.02	73.67	58.585	25.00	1.415
6 - 7	73.67	119.36	94.265	25.00	2.356
7 - 8	119.36	92.90	103.750	16.00	1.660
8 - 9	92.90	129.28	106.250	1.60	170
9 - 10	129.28	100.86	112.750	25.00	2.819
10 - 11	100.86	134.60	117.550	25.00	2.939
11 - 12	134.60	164.62	149.610	25.00	3.740
12 - 13	164.62	183.42	174.020	25.00	4.351
13 - 14	183.42	169.41	176.415	20.00	3.528
14 - 15	169.41	154.62	162.015	25.00	4.050
15 - 16	154.62	157.84	156.230	25.00	3.906
16 - 17	157.84	163.92	160.880	25.00	4.022
17 - 18	163.92	165.00	164.460	25.00	4.111
18 - 19	165.00	129.91	147.455	25.00	3.686
19 - 20	129.91	159.70	144.805	13.75	1.991
20 - 21	159.70	185.76	172.730	6.90	1.192
21 - 1	185.76	0.00	92.880	16.75	1.555
				TOT. SCAVO LIM	60.027

RIEPILOGO VOLUMI

VOLUME DI SCAVO SCOTTO	14.660
VOLUME DI SCAVO LIM	60.027
VOLUME DI SCAVO ARGILLE	17.920
TOTALE VOLUME DI SCAVO	93.390

REGIONE MARCHE
PROVINCIA DI FERMO
COMUNE DI FERMO

IMPIANTO DI TRATTAMENTO ANAEROBICO DELLA FRAZIONE ORGANICA DEI RIFIUTI SOLIDI URBANI PER LA PRODUZIONE DI BIOMETANO

CIG: 9880245C1B - CUP: F62F18000070004

PROGETTO ESECUTIVO

NOME ELABORATO

CALCOLO DEI VOLUMI DI SCAVO DIVISI PER LITOLOGIA

CODICE ELABORATO: 33008-DW-C-13-DP-017-ACG-0

FOGLIO	1:2
FORMATO ORIGINALE PLOTTAGGIO	A1
N. TAVOLA	1.2.18
CONCESSIONE	A1•••
SCALA	1:250

REV.	DATA	DESCRIZIONE	EMESSO	VERIFICATO	APPROVATO
00	03/06/2024	PRIMA EMISSIONE	M. TORTORICI	C. BUTTICE	R. MARTELLO

Committente	Progettista Indicato	Mandataria
CITTÀ DI FERMO Area Lavori Pubblici, Ambiente, Protezione Civile, Patrimonio, Verde Pubblico, Manutenzioni, Impianti Sportivi Piazza del Popolo, 1 63900 Fermo (FM) DOTT. Mauro Fortuna RUP	OWAC Ing. Andrea Del Bello Ing. Mauro Martella Via Flaminia, 53 61121 Pesaro (PU) PEC: Mauro.Martella@ingpec.eu Ing. Mauro Martella Ordine degli Ingegneri della Provincia di Pesaro e Urbino n. 1139 Sez. A - Settore Civile e Ambientale Sez. B - Settore Industriale Sez. C - Settore dell'Informazione Ing. Andrea Del Bello Ordine degli Ingegneri della Provincia di Pesaro e Urbino n. 1140 Sez. A - Settore Civile e Ambientale Sez. B - Settore Industriale Sez. C - Settore dell'Informazione	EdilAlta Via Cesare Battisti, 53 60035 Jesi (AN) Albo Soc. Coop. n. A160174 DOTT. Angelantonio Diodato Direttore Tecnico RESPONSABILE Anaergia Via Agucchi 104 40131 Bologna (BO) DOTT. Andrea Parisi Legale Rappresentante