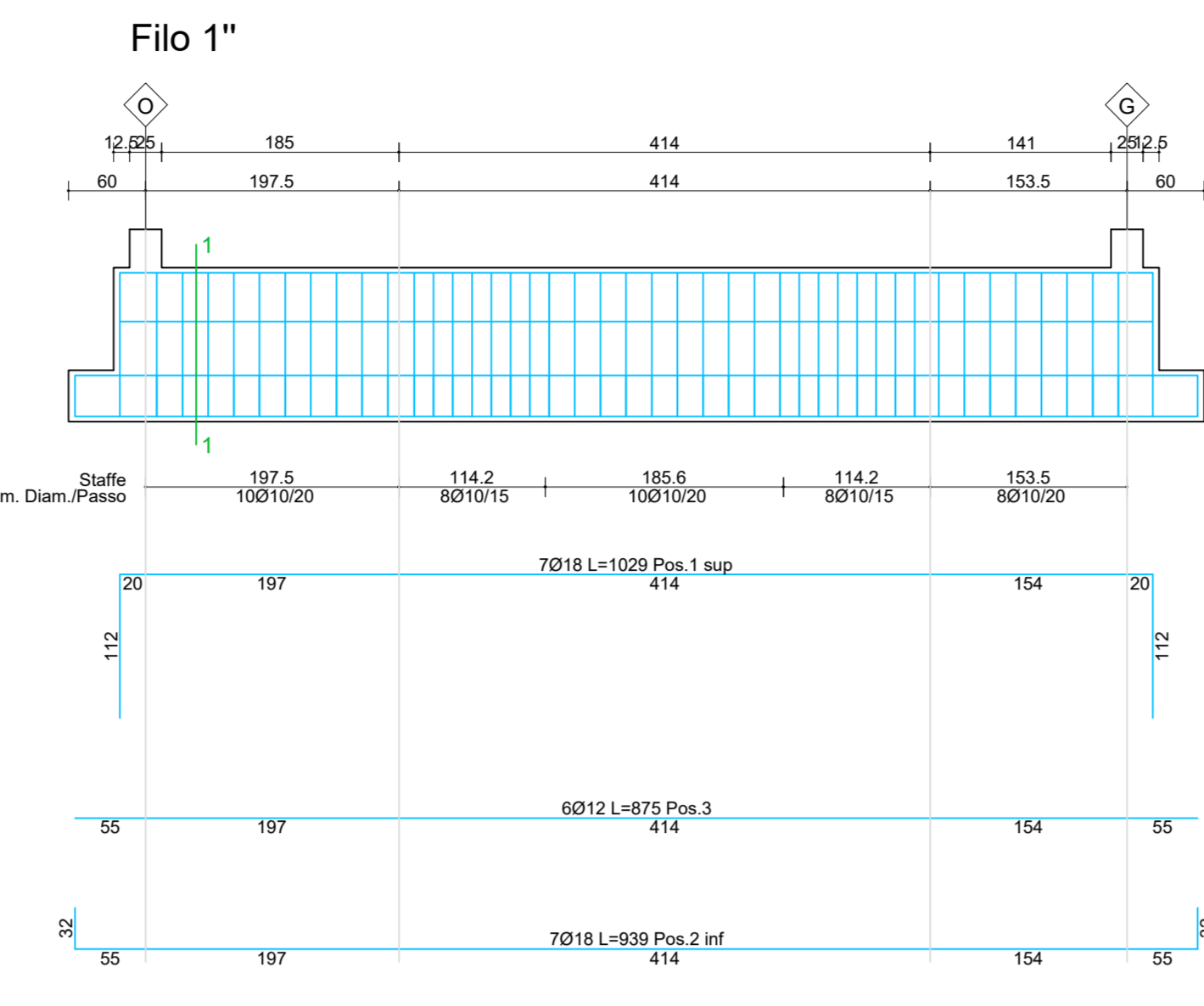
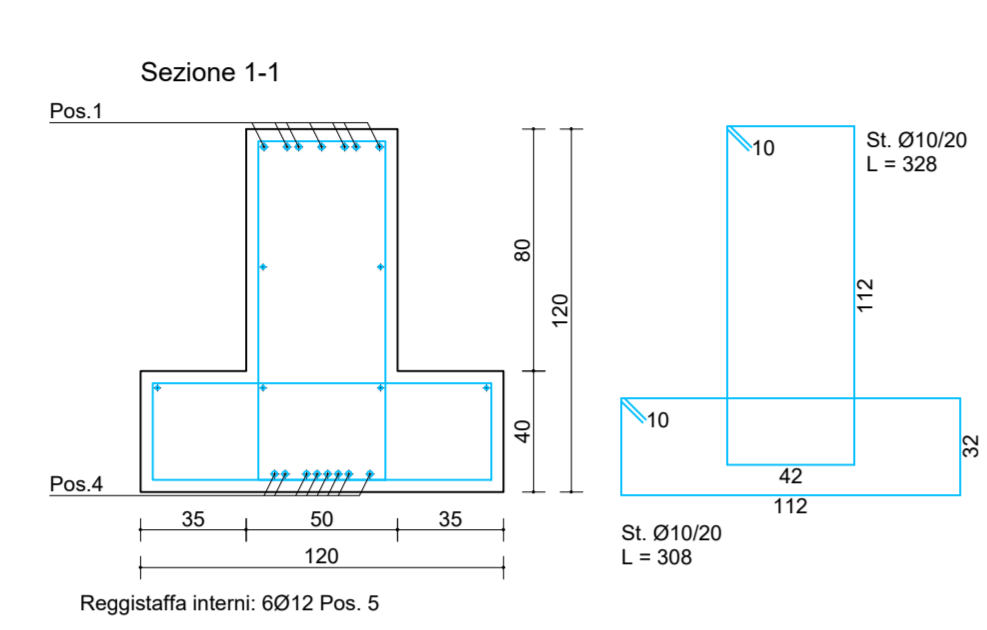


Filo 1

Schema sagoma	Pos.	Num.	Diam.(mm)	L (mm)	Peso (kg)
1028	1	7	18	1140	156,41
973	2	7	18	1085	151,72
968	3	8	18	1000	150,81
1051	4	8	18	1080	172,07
1000	5	8	12	1000	63,92
724	6	4	12	724	38,57

Staffe

Camp. / Trati	Num.	Diam.(mm)	L (mm)	Peso (kg)
1/1	30	10	328	28,87
1/1	30	10	300	27,06
2/1-2/3	19	10	300	36,82
2/1-2/3	19	10	300	36,08
3/1	36	10	300	72,09
3/1	36	10	300	68,36



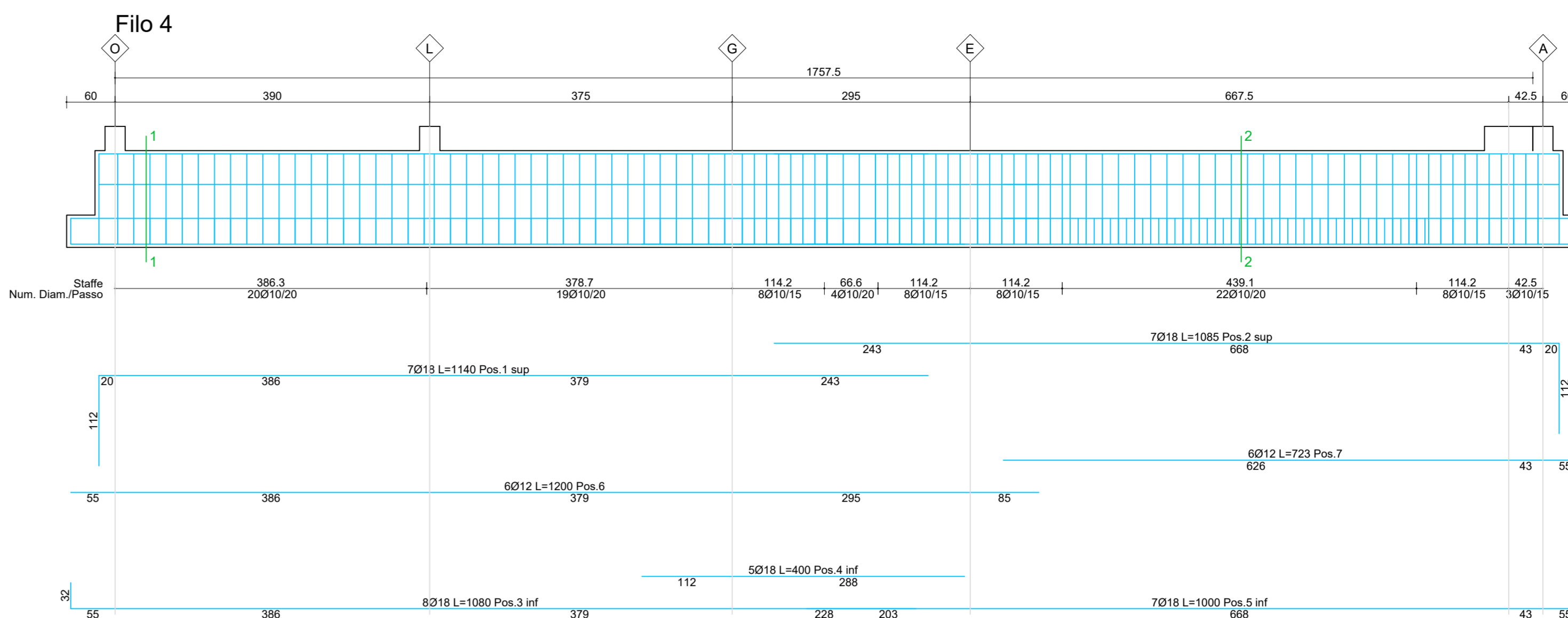
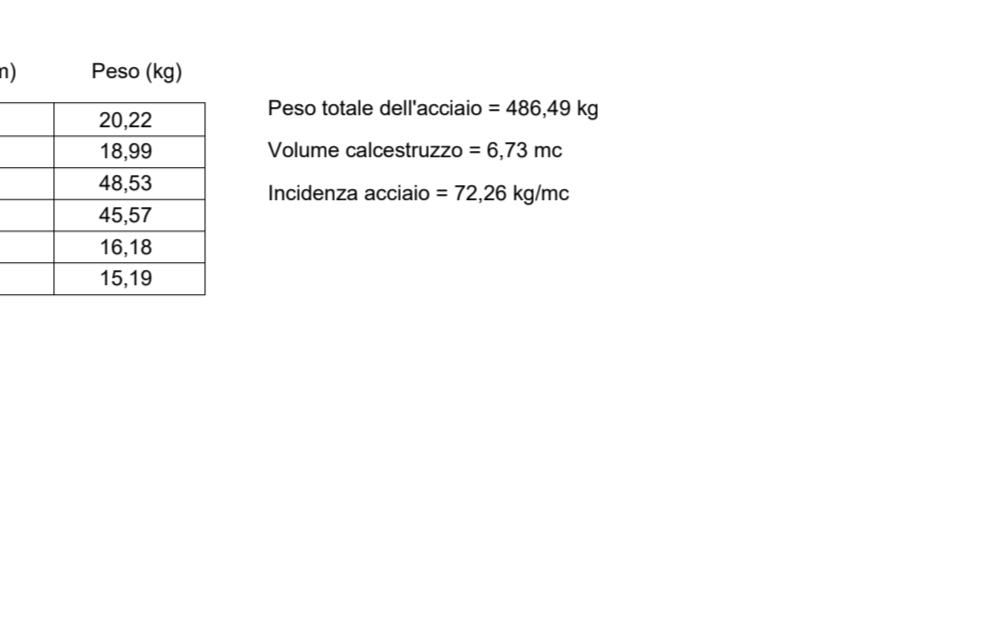
Filo 1'

Schema sagoma	Pos.	Num.	Diam.(mm)	L (mm)	Peso (kg)
925	1	7	18	1029	143,89
875	2	7	18	909	131,30
875	3	6	12	875	46,61

Staffe

Camp. / Trati	Num.	Diam.(mm)	L (mm)	Peso (kg)
1/1	10	10	328	20,22
1/1	10	10	300	18,90
2/1-2/3	24	10	300	48,24
2/1-2/3	24	10	300	45,57
3/1	8	10	300	16,16
3/1	8	10	300	15,18

Peso totale dell'acciaio = 486,49 kg
Volume calcestruzzo = 6,73 mc
Incidenza acciaio = 72,29 kg/mc



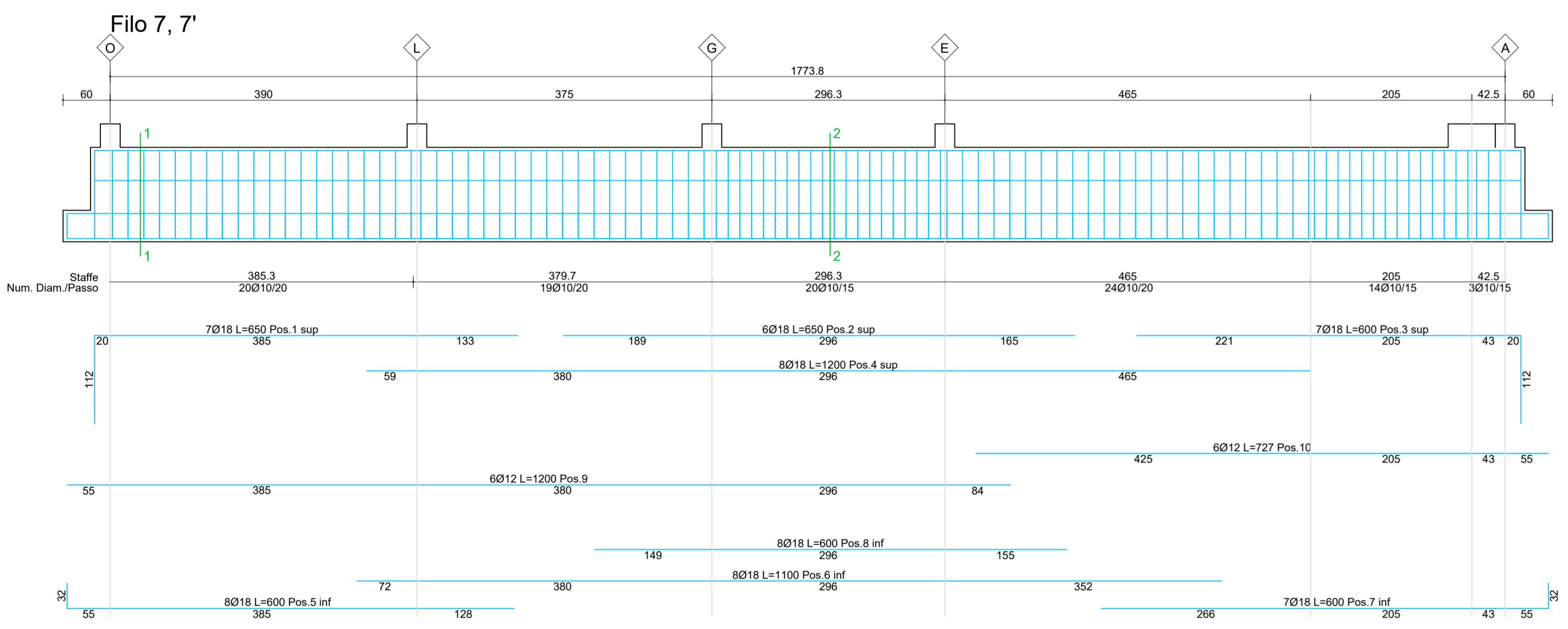
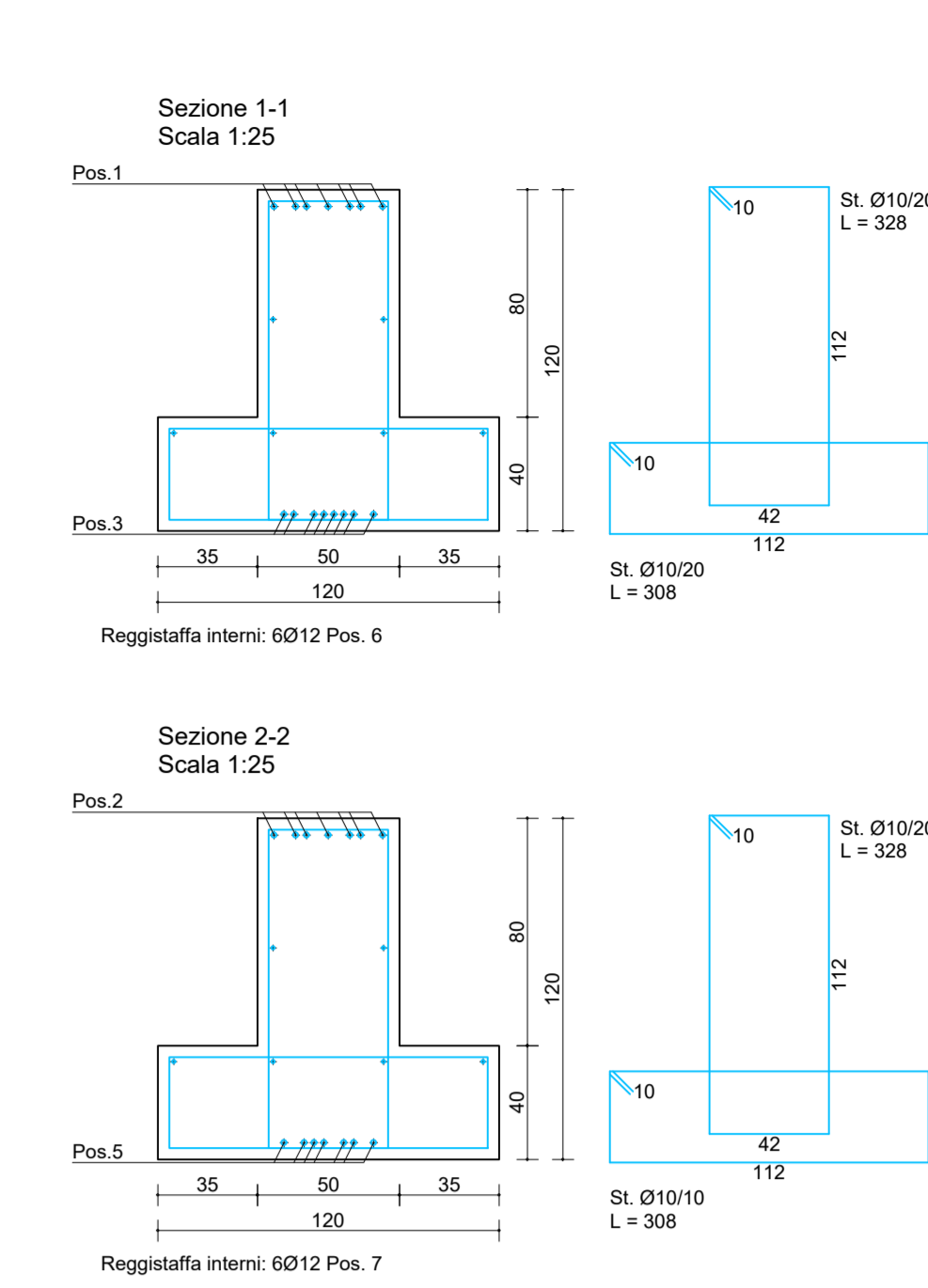
Filo 4

Schema sagoma	Pos.	Num.	Diam.(mm)	L (mm)	Peso (kg)
1028	1	7	18	1140	156,41
973	2	7	18	1085	151,72
1048	3	8	18	1000	172,59
890	4	8	18	1000	169,86
990	5	7	18	1000	139,82
1000	6	4	12	1000	63,92
724	7	6	12	724	36,51

Staffe

Camp. / Trati	Num.	Diam.(mm)	L (mm)	Peso (kg)
1/1	20	10	328	40,44
1/1	20	10	300	37,26
2/1	19	10	300	36,42
3/1-3/3	18	10	300	36,40
3/1-3/3	18	10	300	34,18
4/1	8	10	300	16,16
4/1	8	10	300	15,19
4/2	8	10	300	16,16
4/2	8	10	300	15,19
5/1	8	10	300	16,17
5/1	3	10	300	9,70

Peso totale dell'acciaio = 1191,89 kg
Volume calcestruzzo = 15,58 mc
Incidenza acciaio = 76,53 kg/mc



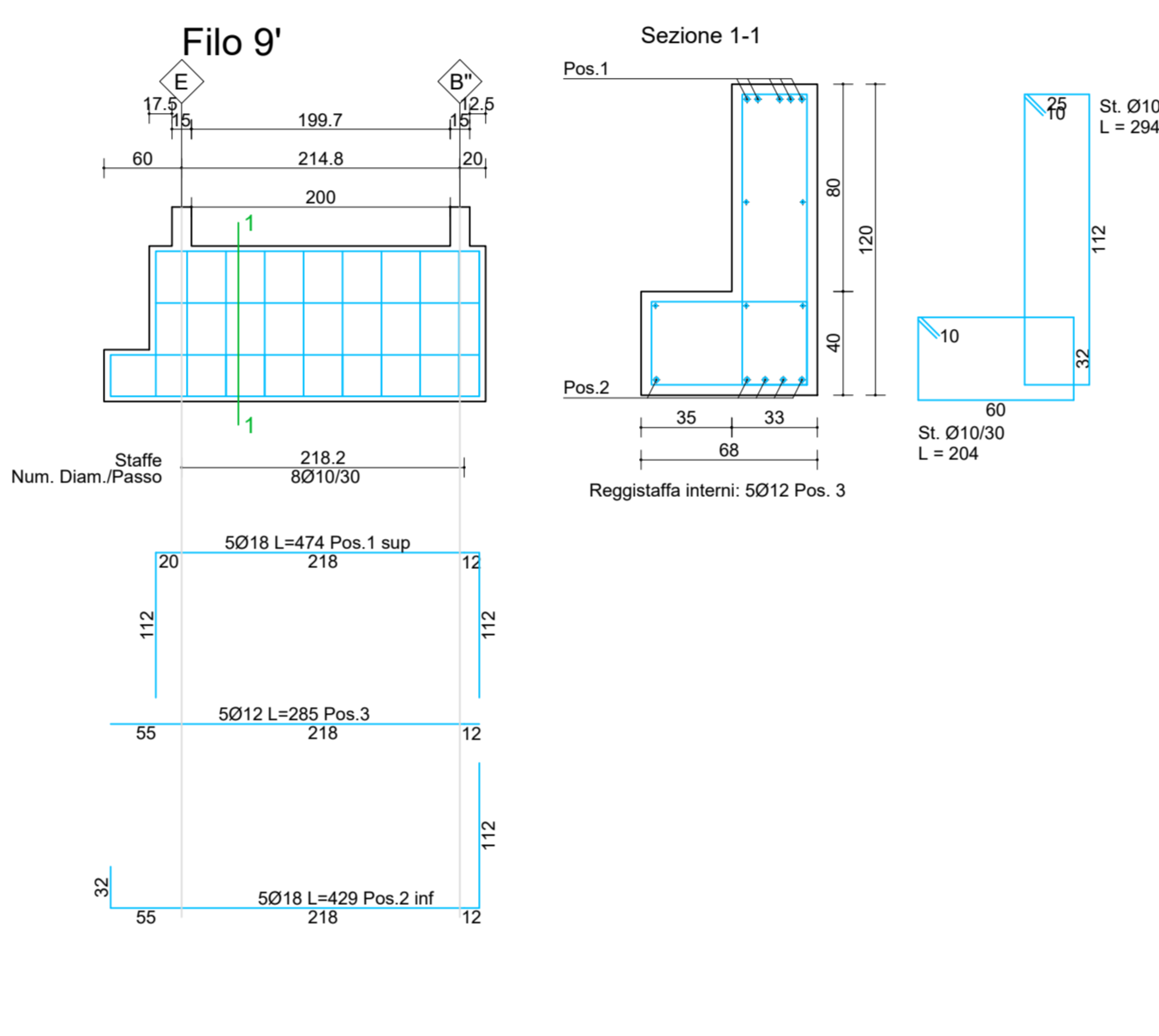
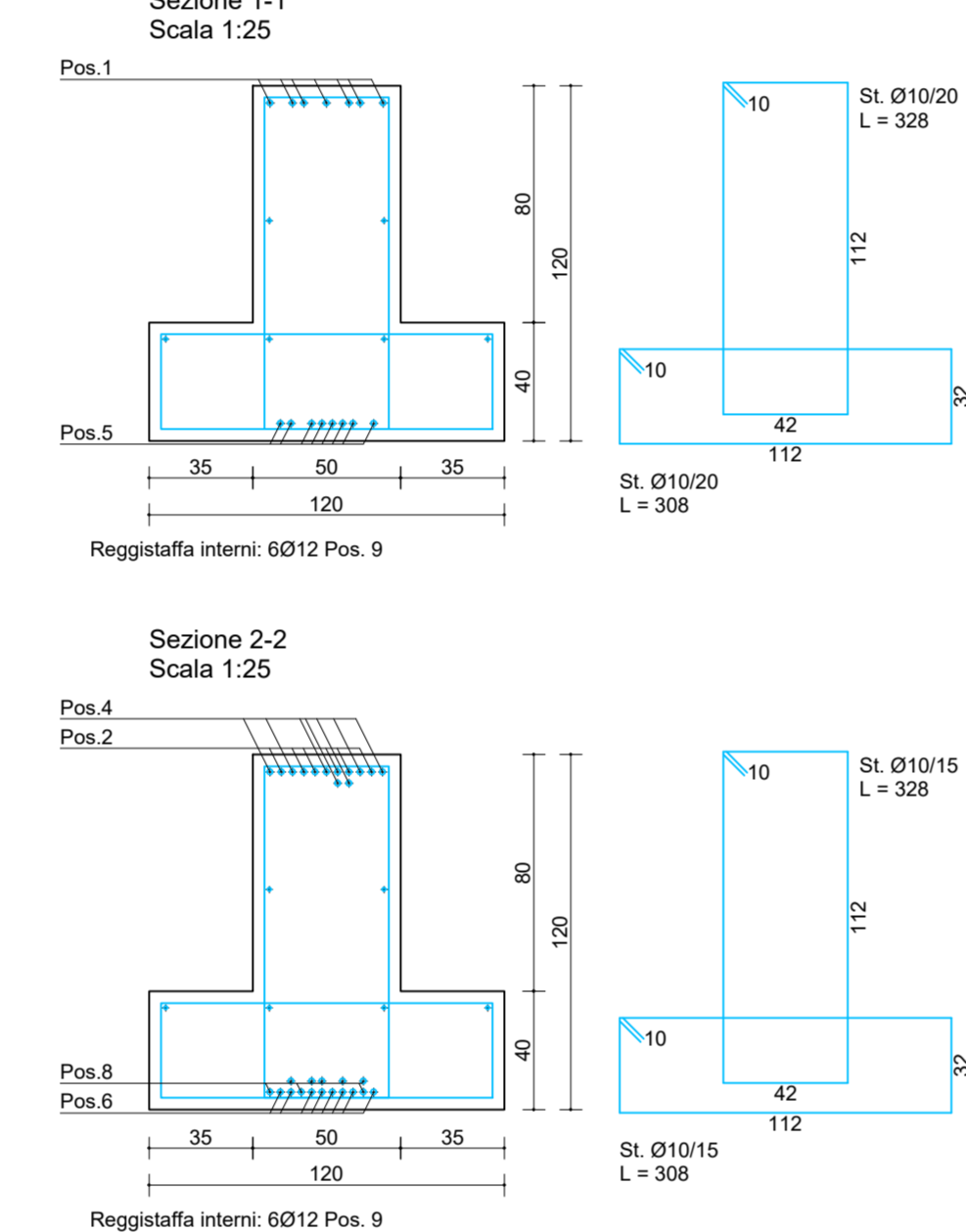
Filo 7, 7'

Schema sagoma	Pos.	Num.	Diam.(mm)	L (mm)	Peso (kg)
538	1	7	18	650	80,80
620	2	8	18	650	77,91
480	3	7	18	480	62,96
1000	4	8	18	1000	151,72
368	5	8	18	600	65,88
1100	6	8	18	1100	176,79
968	7	7	18	600	63,90
890	8	8	18	600	68,88
1000	9	8	12	1000	63,92
728	10	4	12	727	36,73

Staffe

Camp. / Trati	Num.	Diam.(mm)	L (mm)	Peso (kg)
1/1	20	10	328	40,44
1/1	20	10	300	37,26
2/1	19	10	328	38,42
2/1	19	10	300	36,08
3/1	20	10	328	40,44
3/1	20	10	300	37,26
4/1	24	10	328	48,33
4/1	24	10	300	45,37
5/1	14	10	328	29,37
5/1	14	10	300	26,90
6/1	3	10	328	6,07
6/1	3	10	300	5,70

Peso totale dell'acciaio = 1390,88 kg
Volume calcestruzzo = 15,81 mc
Incidenza acciaio = 88,59 kg/mc



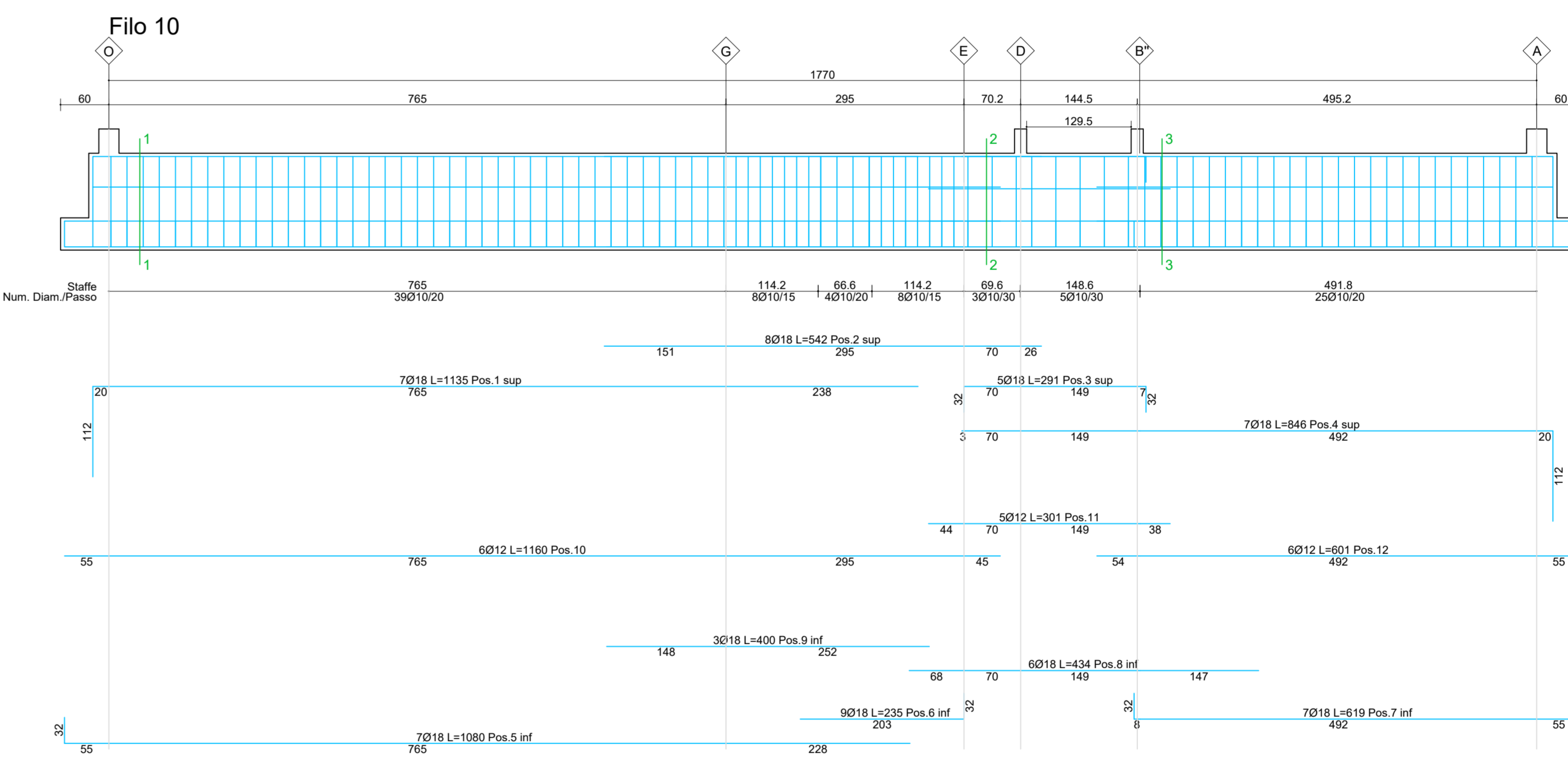
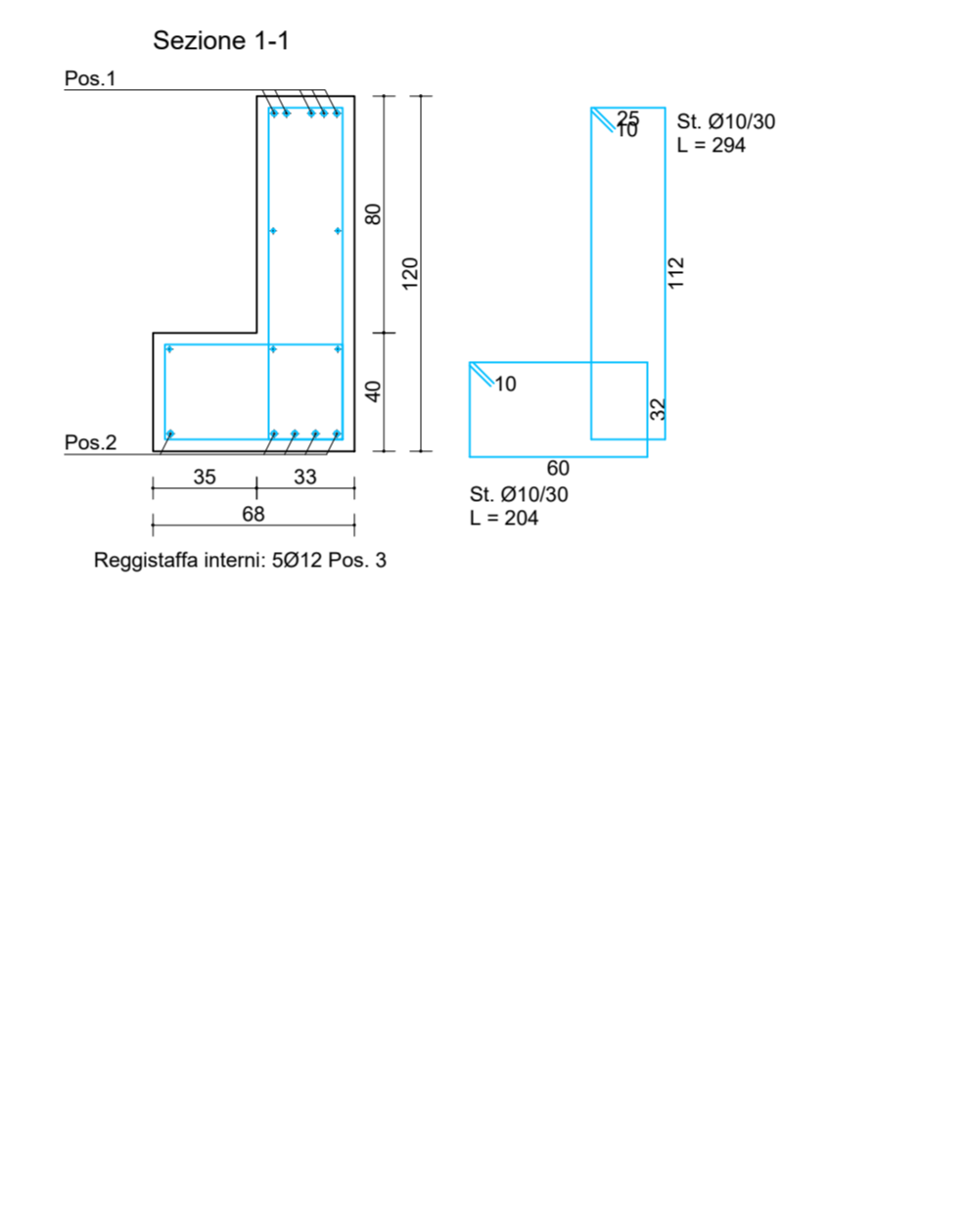
Filo 9'

Schema sagoma	Pos.	Num.	Diam.(mm)	L (mm)	Peso (kg)
250	1	5	18	474	47,34
285	2	5	18	429	42,65
285	3	5	12	285	12,65

Staffe

Camp. / Trati	Num.	Diam.(mm)	L (mm)	Peso (kg)
1/1	8	10	284	14,50
1/1	8	10	264	13,06

Peso totale dell'acciaio = 127,41 kg
Volume calcestruzzo = 1,17 mc
Incidenza acciaio = 108,53 kg/mc



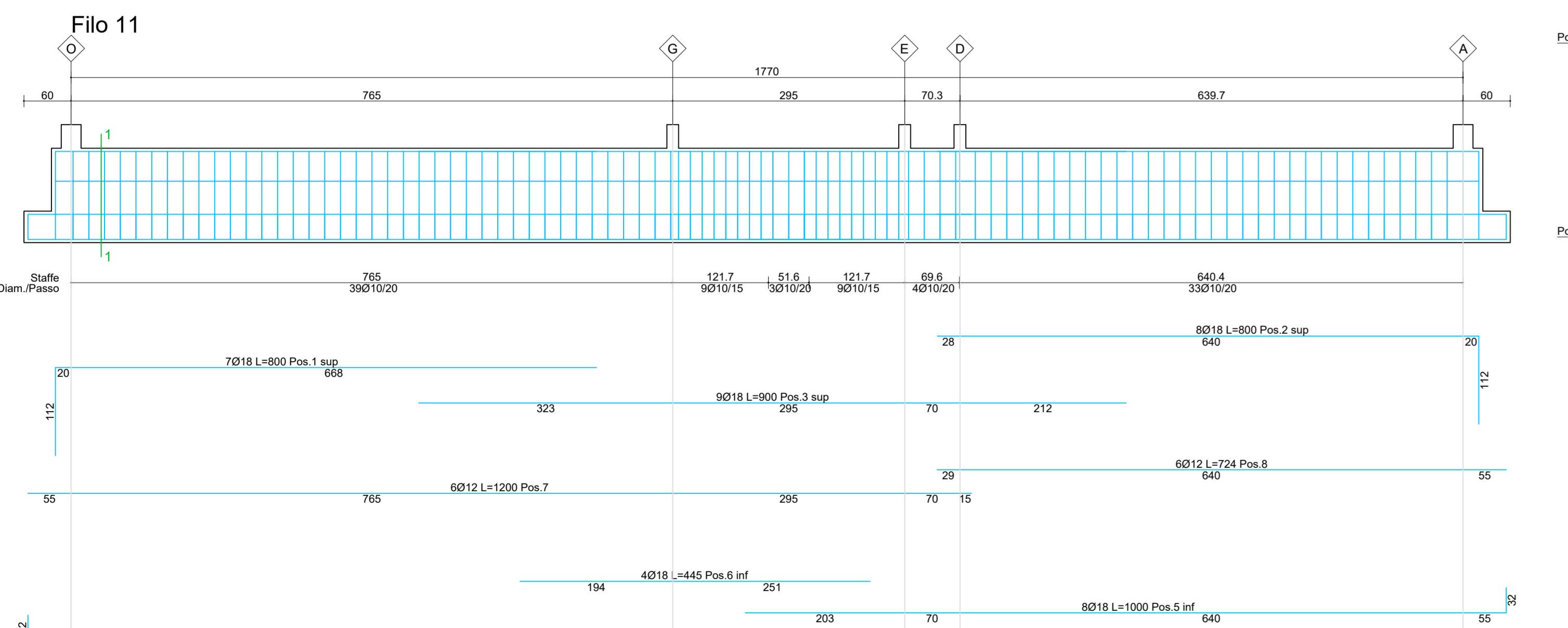
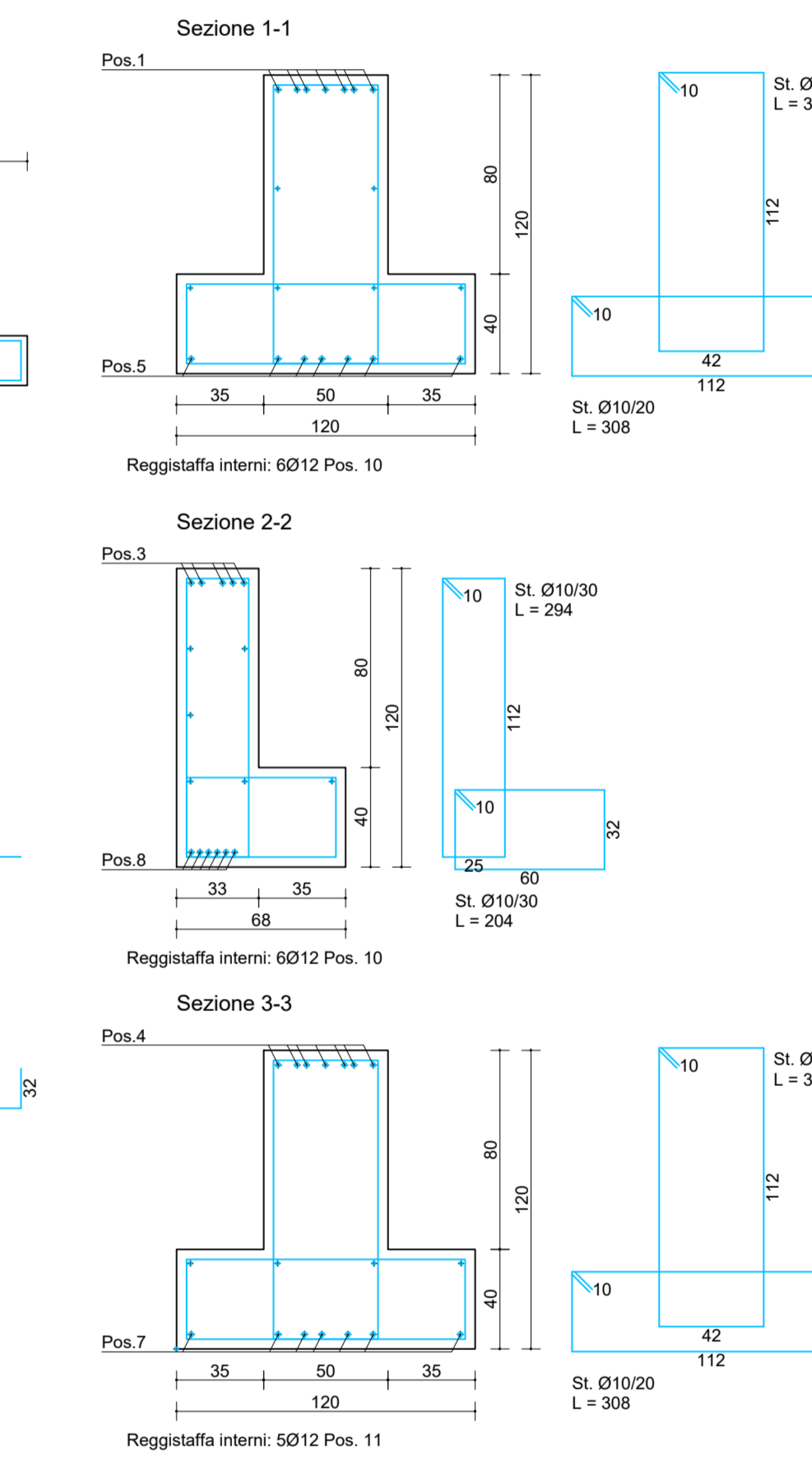
Filo 10

Schema sagoma	Pos.	Num.	Diam.(mm)	L (mm)	Peso (kg)
1028	1	7	18	1100	158,71
542	2	8	18	542	86,62
226	3	5	18	291	29,06
720	4	7	18	846	118,30
1048	5	7	18	1080	151,02
203	6	8	18	281	42,37
888	7	7	18	619	86,56
433	8	6	18	434	52,02
800	9	3	18	400	23,97
1180	10	6	12	1180	61,79
880	11	5	12	880	13,38
601	12	6	12	601	32,01

Staffe

Camp. / Trati	Num.	Diam.(mm)	L (mm)	Peso (kg)
1/1	30	10	328	28,87
1/1	30	10	300	27,06
2/1-2/3	19	10	300	36,82
2/1-2/3	19	10	300	34,18
3/1	3	10	284	6,04
3/1	3	10	264	5,77
4/1	5	10	284	9,06
4/1	5	10	264	8,29
5/1	25	10	328	50,26
5/1	25	10	300	47,47

Peso totale dell'acciaio = 1001,76 kg
Volume calcestruzzo = 14,83 mc
Incidenza acciaio = 67,58 kg/mc



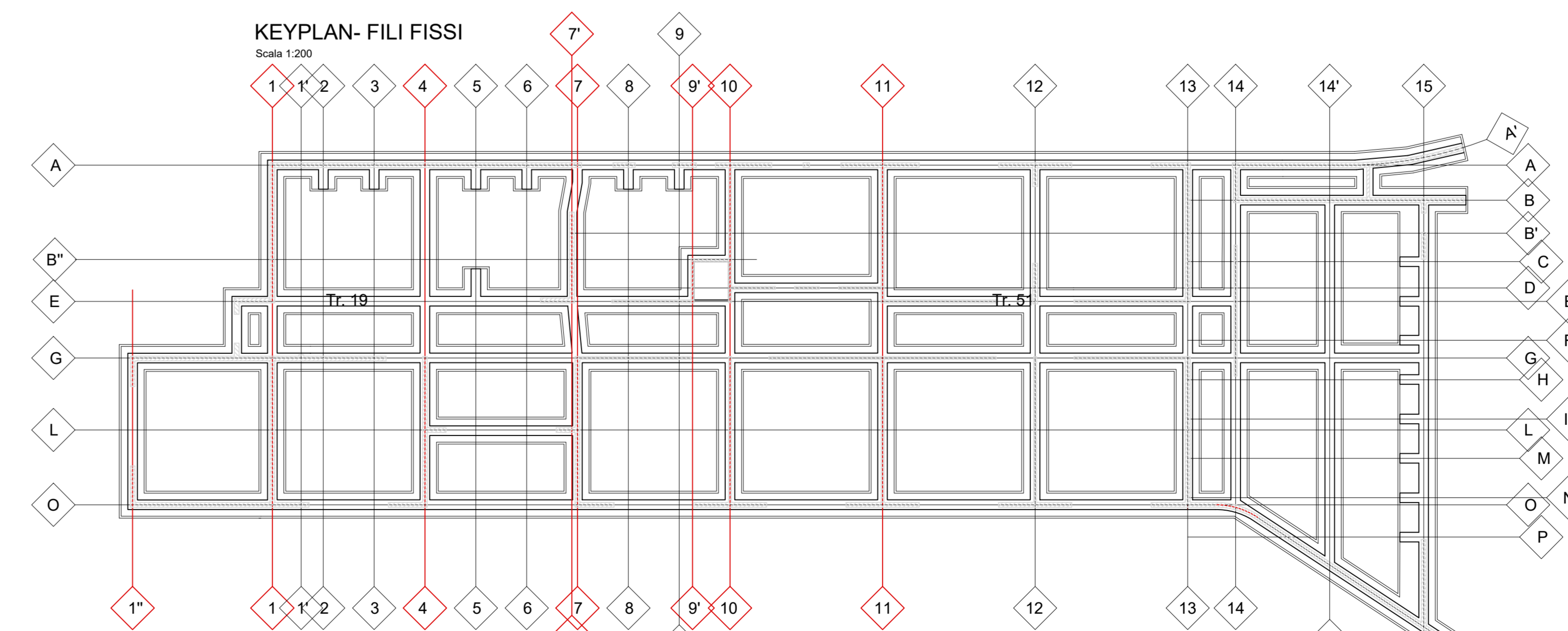
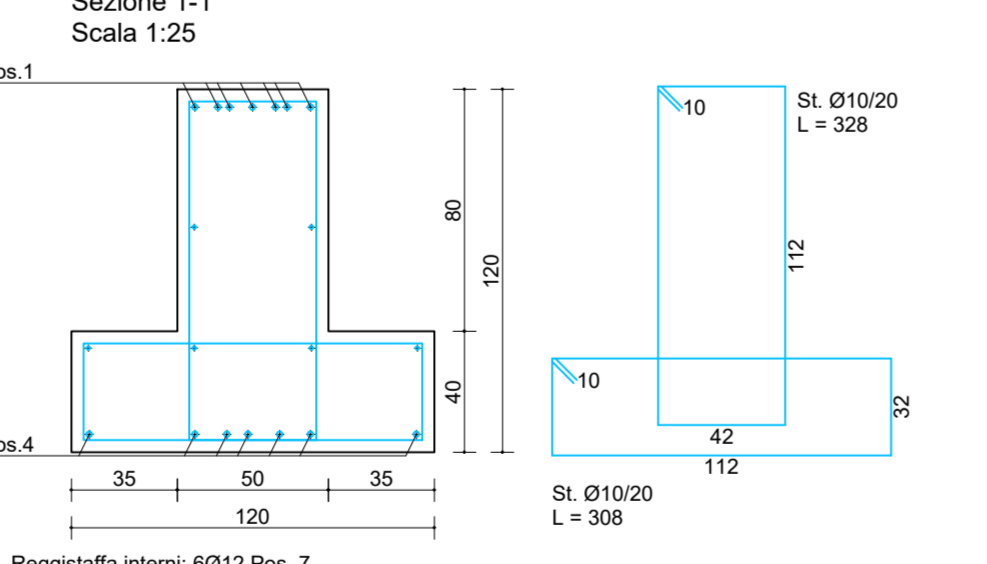
Filo 11

Schema sagoma	Pos.	Num.	Diam.(mm)	L (mm)	Peso (kg)
600	1	7	18	600	111,80
488	2	8	18	488	137,65
900	3	9	18	900	151,80
1048	4	7	18	1080	151,02
968	5	8	18	1000	159,81
495	6	4	18	495	33,09
1000	7	4	12	1000	63,92
724	8	6	12	724	38,57

Staffe

Camp. / Trati	Num.	Diam.(mm)	L (mm)	Peso (kg)
1/1	39	10	328	78,67
1/1	39	10	300	73,08
2/1-2/3	19	10	300	36,82
2/1-2/3	19	10	300	36,08
3/1	4	10	328	8,08
3/1	4	10	306	7,60
4/1	33	10	328	66,73
4/1	33	10	306	62,85

Peso totale dell'acciaio = 1232,30 kg
Volume calcestruzzo = 15,58 mc
Incidenza acciaio = 78,51 kg/mc



COMUNE DI EMPOLI
CITTA' METROPOLITANA DI FIRENZE

REALIZZAZIONE DELLA NUOVA SCUOLA PRIMARIA
IN VIA LIGURIA AD EMPOLI

PROGETTO ESECUTIVO

EUTECNE
Architettura | Ingegneria
Via V. Veneto, 42 - 05100 - Perugia
Tel. 075/521111

RM
Ingegneria
Via S. Maria, 40 - 05100 - Perugia
Tel. 075/521111

COMITENTE:
COMUNE DI EMPOLI
R.U.P. Ing. Stefano BIGNARDI

RESPONSABILE DELLA PROGETTAZIONE:
ING. FEDERICO FRAMINI

GRUPPO DI PROGETTAZIONE:
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Ing. Andrea ORLANDINI
Ing. Marco BERGANTI
Ing. Luca BELLINZAGHI
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Ing. Luca RINALDI
Ing. Stefano FAVI
Ing. Stefano RIGGI
Ing. Federico ZUCCHETTI
Ing. Paolo BRICI

COMMISSIONE ELABORATI / REVISIONE:
CS1E_SFA4_A

SCALA: 1:50

TITOLO: TRAVI DI FONDAZIONE Tav. 3 di 4

COORDINATA: CS1E_SFA4_A

REV.	DATA	MOTIVO DELLA EMISSIONE	ELABORATO	CONTROLLATO	APPROVATO
A	SET. 2021	PROGETTO ESECUTIVO	-	FRAMINI	FRAMINI