



Regione
Lombardia



CITTÀ DI SESTO SAN GIOVANNI

MEDAGLIA D'ORO AL VALOR MILITARE

**Lavori di ristrutturazione, messa a norma ed efficientamento energetico
della piscina comunale OLIMPIA**

Via Marzabotto, 189 - 20099 Sesto San Giovanni (MI) - CUP: C43I23000010006

VARIANTE NR.1



Progettisti:

Opere edili e strutturali:
ADAI s.r.l.

Termotecnico e impianti elettrici:
ING s.r.l.

**Coordinatore sicurezza
in fase progettazione:**
ING s.r.l.

RUP:
arch. Antonio Di Giorgio

Direttore dell'Area Tecnica:
arch. Paolo Margutti

Direttore dei Lavori
Planeta S.r.l.

PLANETA

CSE, collaudo statico e CTA
ing. Giuseppe Bergantin

Oggetto:

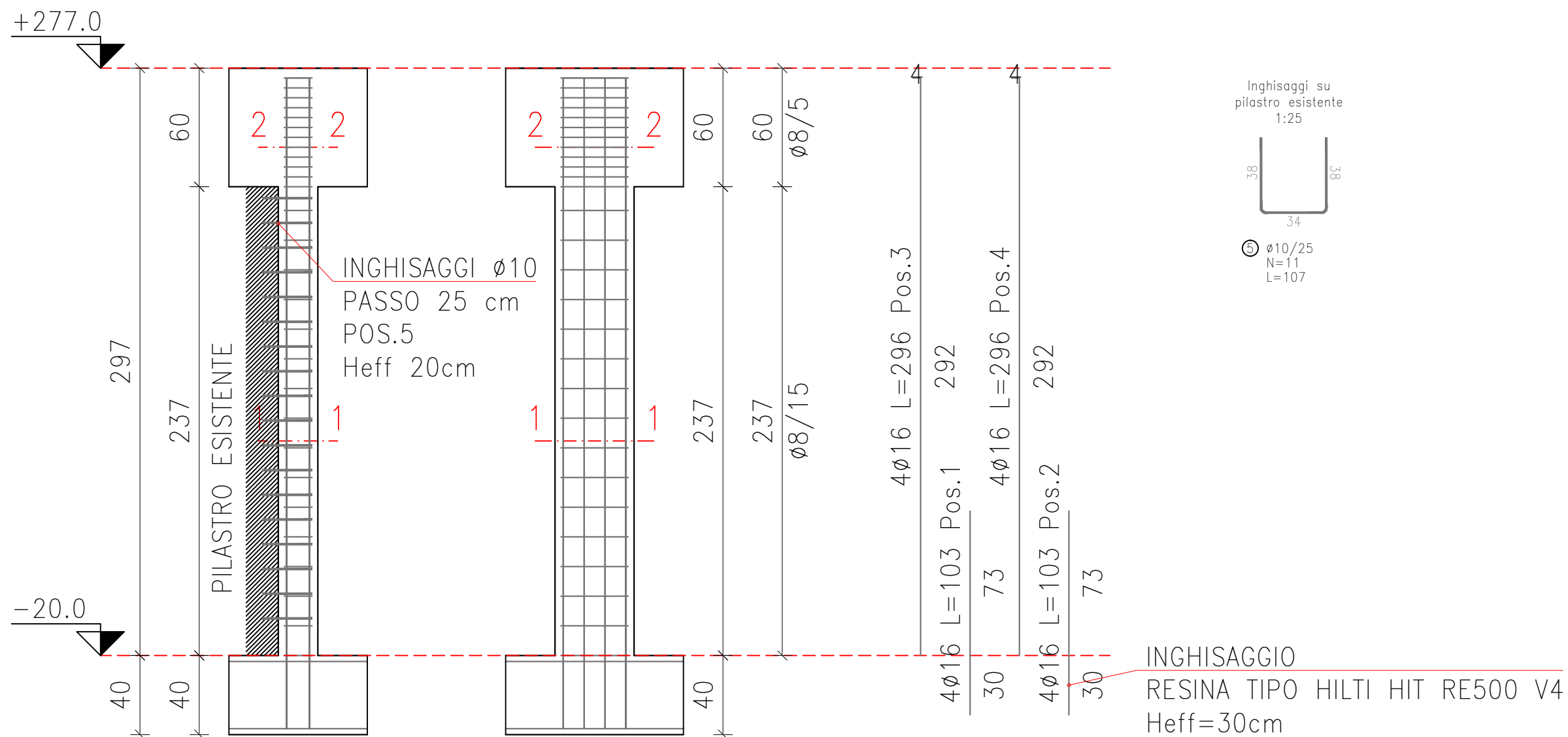
STRUTTURE - Allargamento pilastri e nuova trave da realizzare sul filo E,
piano primo

Data
Luglio 2026

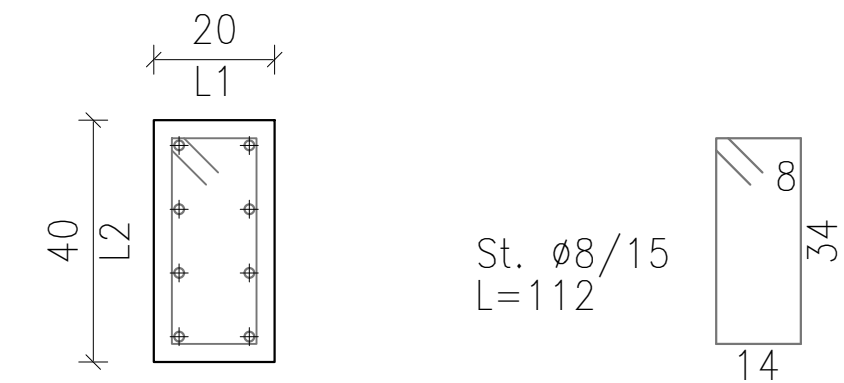
Scala
VARIE

Elaborato:

VR-S05

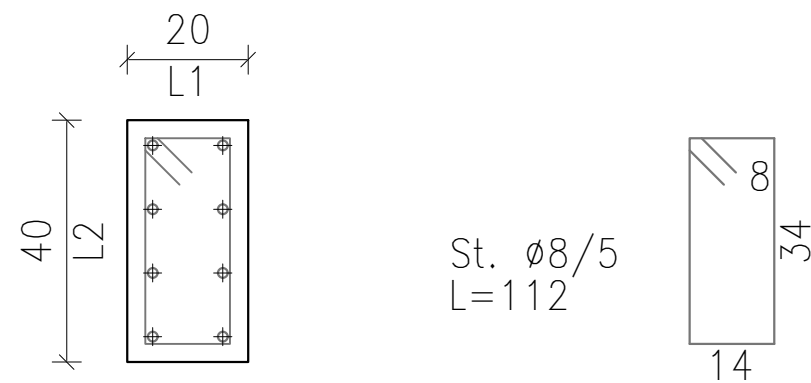


P.Terra Sez. 1-1
tr. unico da 0 a 237 (L=237)



Correnti:
Pos.3 4Ø16 (vertici)
Pos.4 2+2Ø16 (L2)

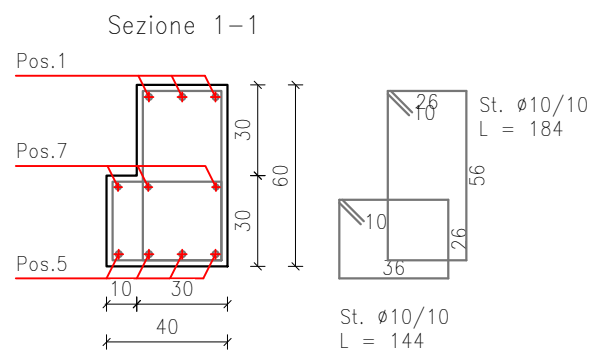
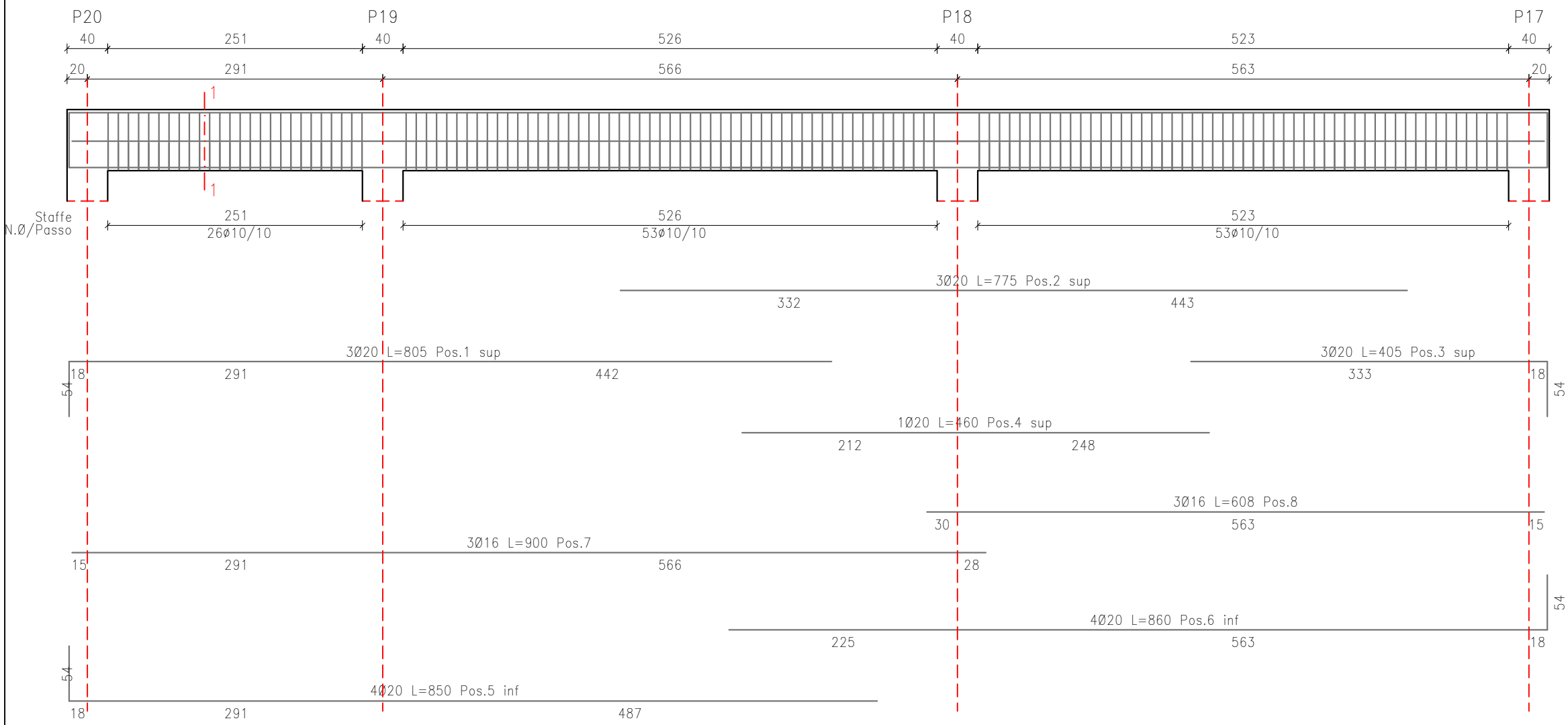
P.Terra Sez. 2-2
tr. confin. da 237 a 297 (L=60)



Correnti:
Pos.3 4Ø16 (vertici)
Pos.4 2+2Ø16 (L2)

NUOVI PILASTRI A FIANCO DEI PILASTRI
NR. 14-15-16-17-18-19-20
SCALA 1:25

Travata: 1
impalcato quota 277.0



Travata: 1

Schema sagoma Pos. Num. Diam.(mm) L (cm) Peso (kg)

54	751	1	3	20	805	59,56
	775	2	3	20	775	57,34
	351	3	3	20	405	29,96
	460	4	1	20	460	11,34
54	796	5	4	20	850	83,85
	806	6	4	20	860	84,84
	900	7	3	16	900	42,62
	608	8	3	16	608	28,79

Staffe:

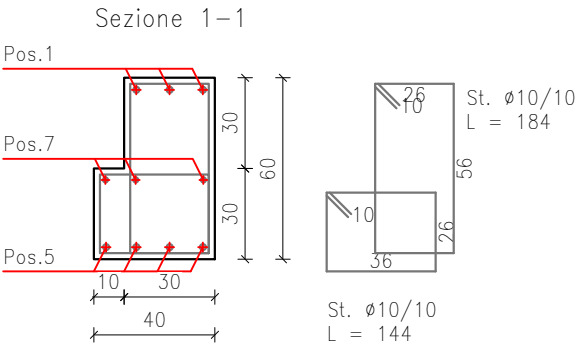
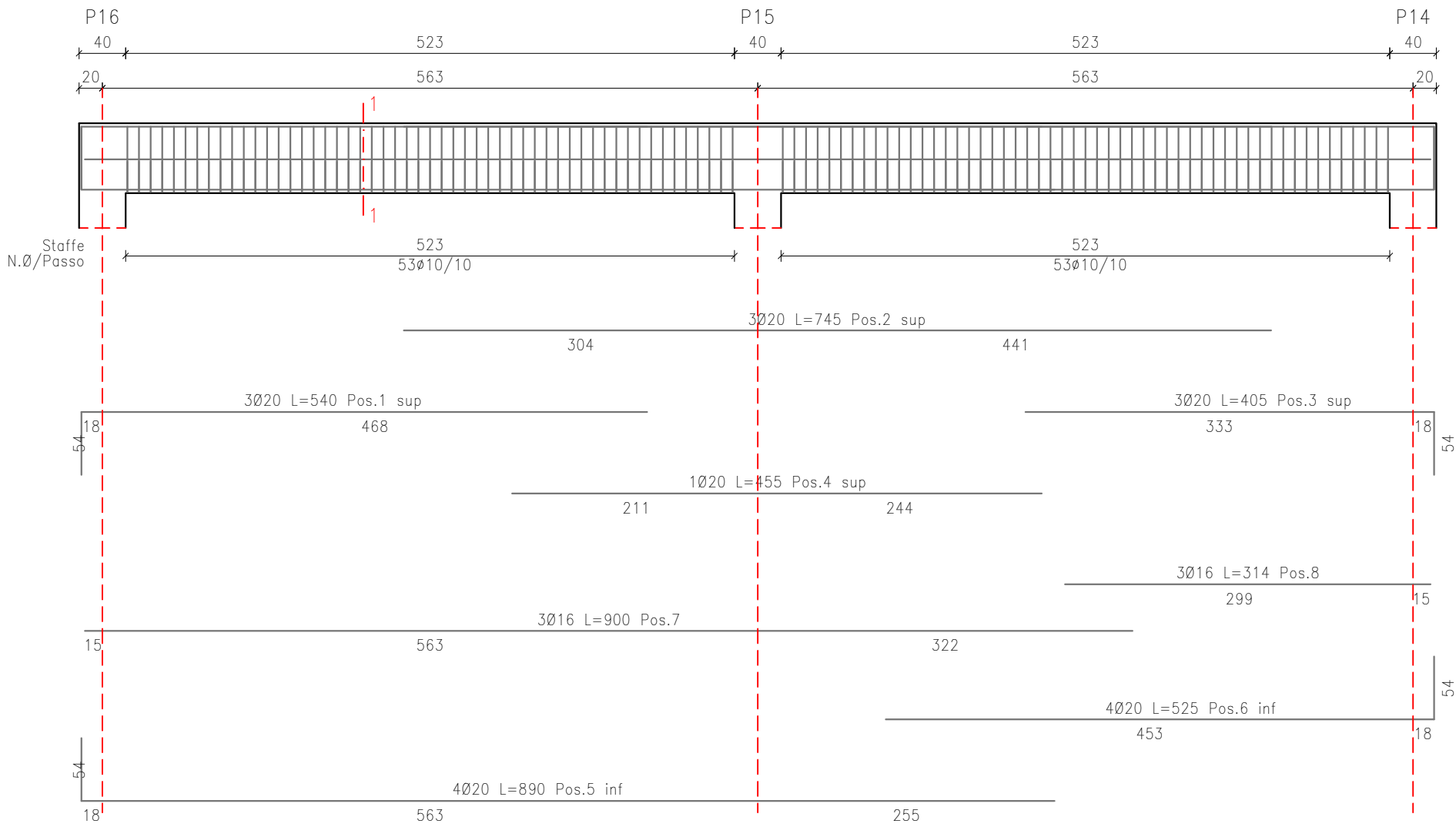
Camp. / Tratti Num. Diam.(mm) L (cm) Peso (kg)

1 / 1	26	10	184	29,50
1 / 1	26	10	144	23,08
2 / 1	53	10	184	60,12
2 / 1	53	10	144	47,05
3 / 1	53	10	184	60,12
3 / 1	53	10	144	47,05

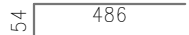
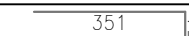
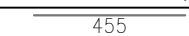
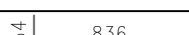
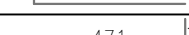
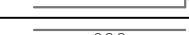
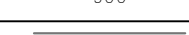
NUOVA TRAVATA SUI PILASTRI DA P20 A 17
SCALA 1:50

Peso totale dell'acciaio = 665,23 kg

Travata: 2
impalcato quota 277.0



Travata: 2

Schema sagoma	Pos.	Num.	Diam.(mm)	L (cm)	Peso (kg)
	1	3	20	540	39,95
	2	3	20	745	55,12
	3	3	20	405	29,96
	4	1	20	455	11,22
	5	4	20	890	87,79
	6	4	20	525	51,79
	7	3	16	900	42,62
	8	3	16	314	14,87

Staffe:

Camp. / Tratti	Num.	Diam.(mm)	L (cm)	Peso (kg)
1 / 1	53	10	184	60,12
1 / 1	53	10	144	47,05
2 / 1	53	10	184	60,12
2 / 1	53	10	144	47,05

Peso totale dell'acciaio = 547,68 kg

Volume calcestruzzo = 2,36 mc

Incidenza acciaio = 231,62 kg/mc

NUOVA TRAVATA SUI PILASTRI DA P16 A 14
SCALA 1:50