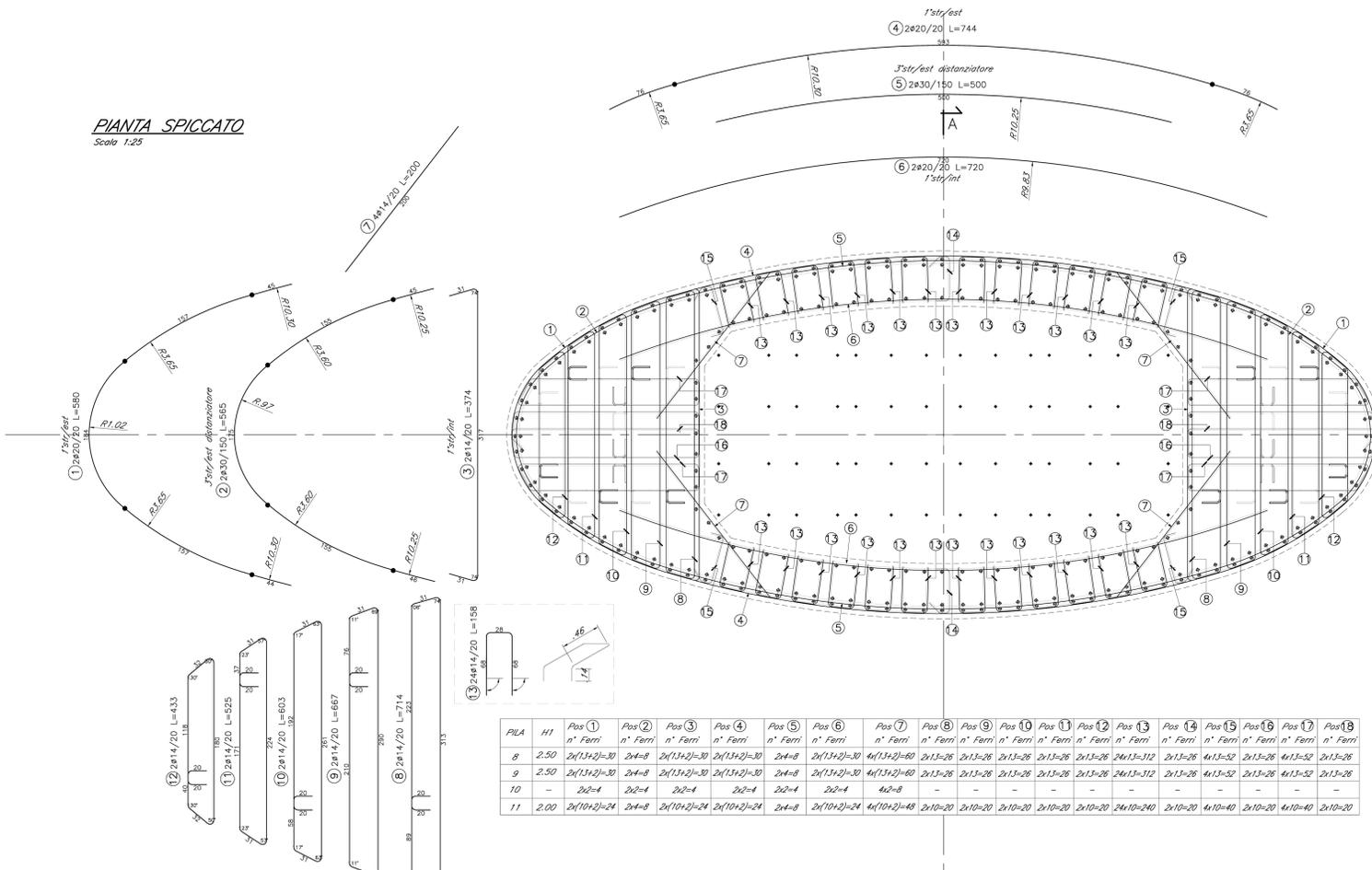
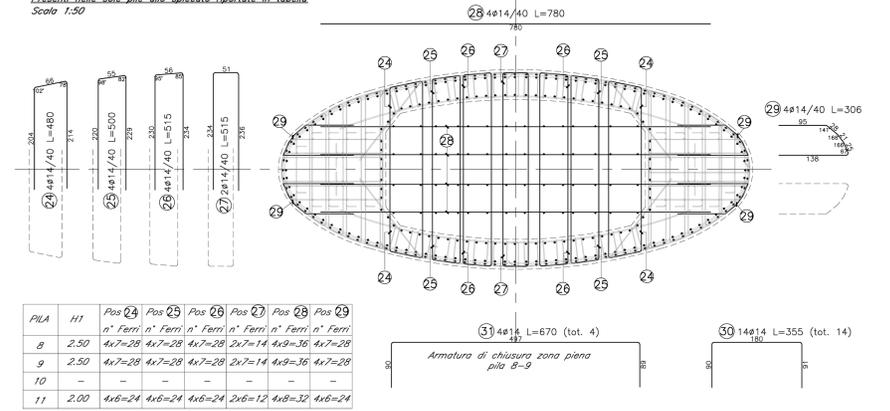


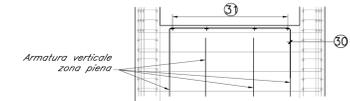
**PIANTA SPICCATO**  
Scala 1:25



**ARMATURA ORIZZONTALE ZONA PIENA**  
Presenti nelle sole pile allo spiccato riportate in tabella  
Scala 1:50

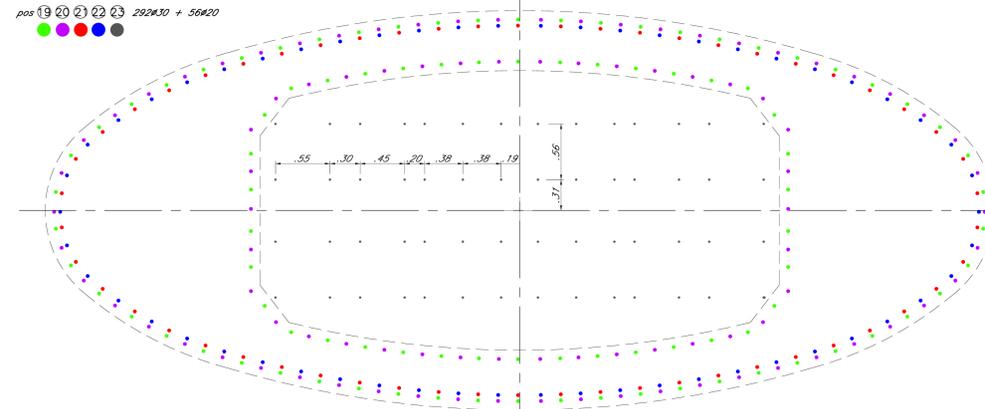


**DETTAGLIO POSIZIONE 30/31**



**PIANTA DISPOSIZIONE FERRI VERTICALI**  
Scala 1:25

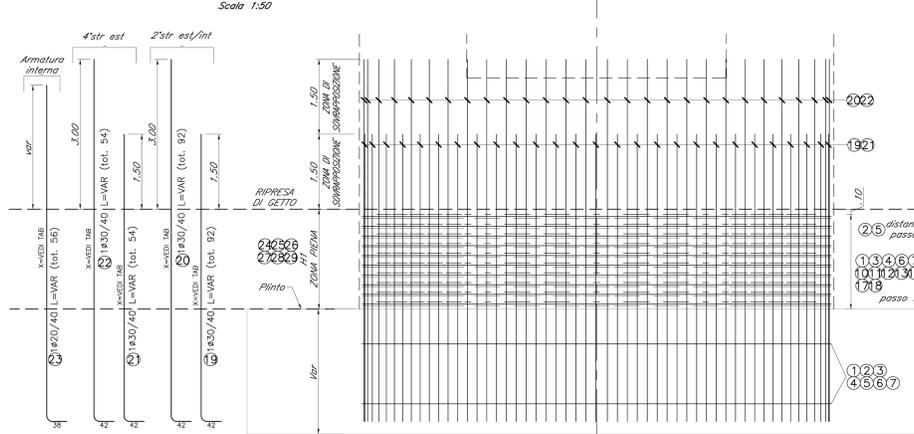
pos 19 20 21 22 23 292x30 + 50x20



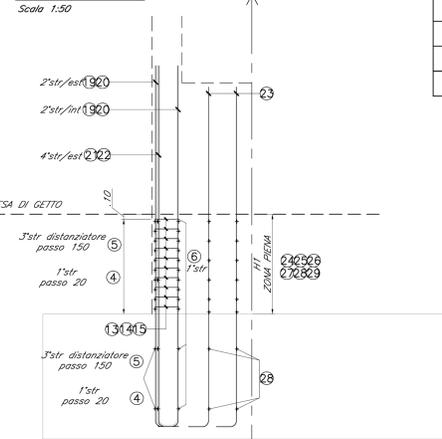
**PILE P8-P9**

POSIZIONE	N. PEZZI	φ [mm]	L [cm]	L. TOT [m]	PESO [kg]	SCHEMA PIEGATURA [cm] (misure al filo esterno)
1	30	20	580	174.0	429.0	
2	8	30	565	45.2	250.8	
3	30	14	374	112.2	135.6	
4	30	20	744	223.1	550.2	
5	8	30	500	40.0	222.0	
6	30	20	720	216.0	532.7	
7	60	14	200	120.0	145.0	
8	26	14	714	185.7	224.3	
9	26	14	667	173.3	209.4	
10	26	14	603	156.9	189.5	
11	26	14	525	136.6	165.0	
12	26	14	433	112.6	136.1	
13	312	14	158	493.6	596.2	
14	78	14	86	67.4	81.4	
15	52	14	92	48.0	58.0	
16	26	14	549	142.8	172.5	
17	52	14	491	255.1	308.1	
18	26	14	241	62.7	75.8	
19	92	30	709	652.1	3618.7	
20	92	30	859	790.1	4384.5	
21	54	30	709	382.8	2124.0	
22	54	30	859	463.8	2573.5	
23	56	20	544	304.5	751.0	
24	28	14	480	134.3	162.2	
25	28	14	500	139.9	169.0	
26	28	14	515	144.1	174.1	
27	14	14	515	72.1	87.1	
28	36	14	780	280.8	339.2	
29	28	14	306	85.7	103.5	
30	14	14	355	49.7	60.1	
31	4	14	670	26.8	32.4	
<b>19060.9</b>						

**PROSPETTO**  
Scala 1:50



**SEZIONE A-A**  
Scala 1:50



PILA	X	L	X	L	X	L	X	L	X	L
8	675	709	825	859	675	709	825	859	507	544
9	675	709	825	859	675	709	825	859	507	544
10	475	509	625	659	475	509	625	659	570	607
11	625	659	775	809	625	659	775	809	717	754

NOTE:  
ARMATURA VERTICALE DA POSIZIONARE SULL'ULTIMO STRATO DI ARMATURA INFERIORE DEL PLINTO

**PILE P11**

POSIZIONE	N. PEZZI	φ [mm]	L [cm]	L. TOT [m]	PESO [kg]	SCHEMA PIEGATURA [cm] (misure al filo esterno)
1	24	20	580	139.2	343.2	
2	8	30	565	45.2	250.8	
3	24	14	374	89.8	108.5	
4	24	20	744	178.5	440.1	
5	8	30	500	40.0	222.0	
6	24	20	720	172.8	426.1	
7	48	14	200	96.0	116.0	
8	20	14	714	142.9	172.6	
9	20	14	667	133.3	161.0	
10	20	14	603	120.7	145.8	
11	20	14	525	105.0	126.9	
12	20	14	433	86.6	104.7	
13	240	14	158	379.7	458.6	
14	60	14	86	51.8	62.6	
15	40	14	92	37.0	44.6	
16	20	14	549	109.8	132.7	
17	40	14	491	196.2	237.0	
18	20	14	241	48.2	58.3	
19	92	30	659	606.3	3364.5	
20	92	30	809	744.3	4130.3	
21	54	30	659	355.9	1974.8	
22	54	30	809	436.9	2424.3	
23	56	20	754	422.1	1040.9	
24	24	14	480	115.1	139.0	
25	24	14	500	119.9	144.9	
26	24	14	515	123.5	149.2	
27	12	14	515	61.8	74.6	
28	32	14	780	249.6	301.5	
29	24	14	306	73.4	88.7	
<b>17444.2</b>						

**PILE P10**

POSIZIONE	N. PEZZI	φ [mm]	L [cm]	L. TOT [m]	PESO [kg]	SCHEMA PIEGATURA [cm] (misure al filo esterno)
1	4	20	580	23.2	57.2	
2	4	30	565	22.6	125.4	
3	4	14	374	15.0	18.1	
4	4	20	744	29.7	73.4	
5	4	30	500	20.0	111.0	
6	4	20	720	28.8	71.0	
7	8	14	200	16.0	19.3	
8	20	14	714	142.9	172.6	
9	20	14	667	133.3	161.0	
10	20	14	603	120.7	145.8	
11	20	14	525	105.0	126.9	
12	20	14	433	86.6	104.7	
13	240	14	158	379.7	458.6	
14	60	14	86	51.8	62.6	
15	40	14	92	37.0	44.6	
16	20	14	549	109.8	132.7	
17	40	14	491	196.2	237.0	
18	20	14	241	48.2	58.3	
19	92	30	659	606.3	3364.5	
20	92	30	809	744.3	4130.3	
21	54	30	659	355.9	1974.8	
22	54	30	809	436.9	2424.3	
23	56	20	754	422.1	1040.9	
<b>10773.1</b>						

Commissario: **GENOVA**

Contrante: **PERGENOVA**

Progettista: **ITALFERR** Gruppo Ferrovie dello Stato Italiano

Project & Construction Management & Quality Assurance: **RINA**

**VIADOTTO POLCEVERA**

**PROGETTO ESECUTIVO di 2° LIVELLO**

Pila da 100m  
Pile 8-9-10-11  
Armatura spiccato

SCALA: **Varie**

Data: \_\_\_\_\_

COMMESSA LOTTO FASE ENTE TIPO DOC. OPERA/DISCIPLINA Progr. REV.

NG12 00 E 09 BZ V10005 C30 A

IL PROGETTISTA

Rev. Descrizione A.Capofila Data Verifica Data Approvazione Data

A Emissione Esecutiva di 2° Livello 12/06/2010 12/06/2010 12/06/2010

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