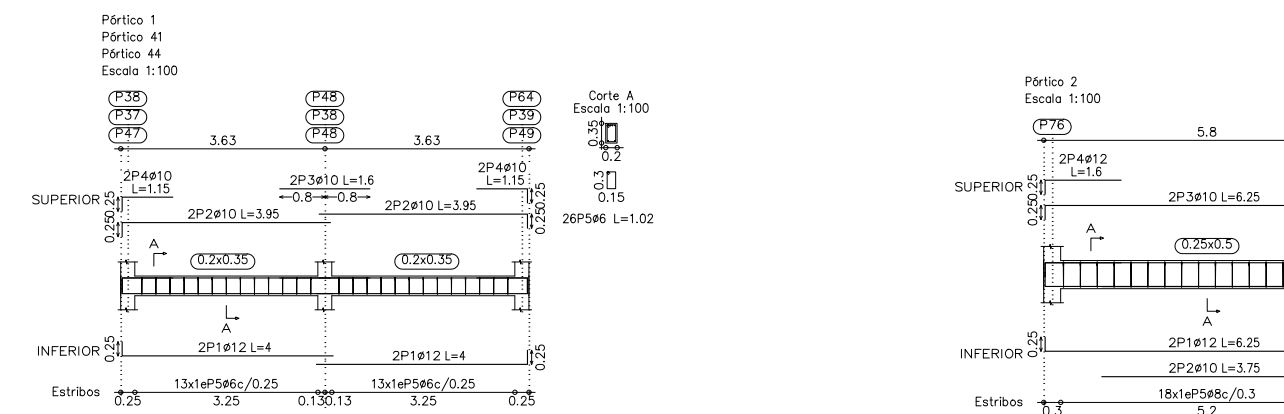


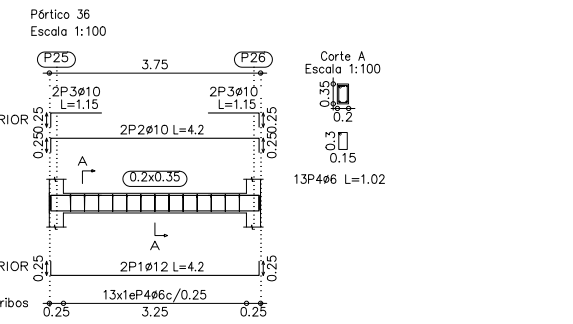
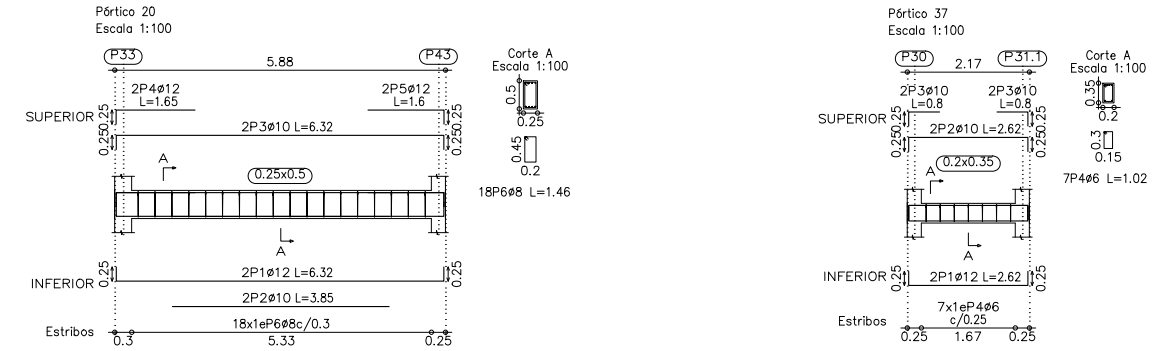
PLANO DE DETALLES Y ARAMADURA DE LAS VIGAS



Resumen Acero	Long. total (m)	Peso+10% (kg)	Total
AH-500CN Ø6	1513.0	369	
Ø8	670.1	291	
Ø10	1632.4	1107	
Ø12	1277.4	1248	
Ø16	20.0	35	3050

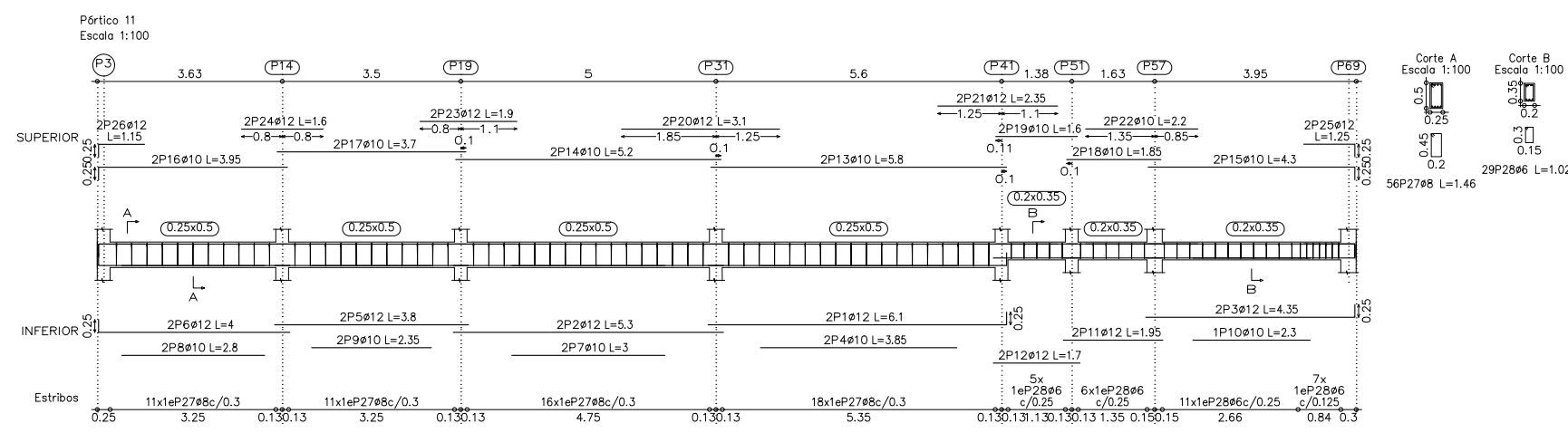
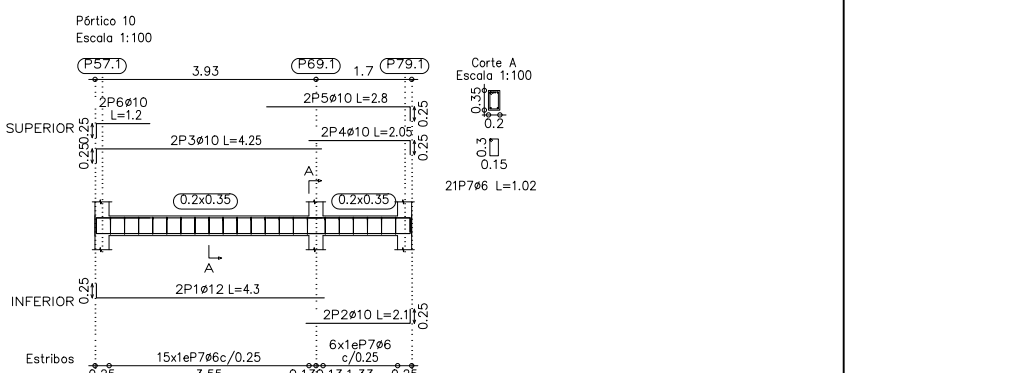
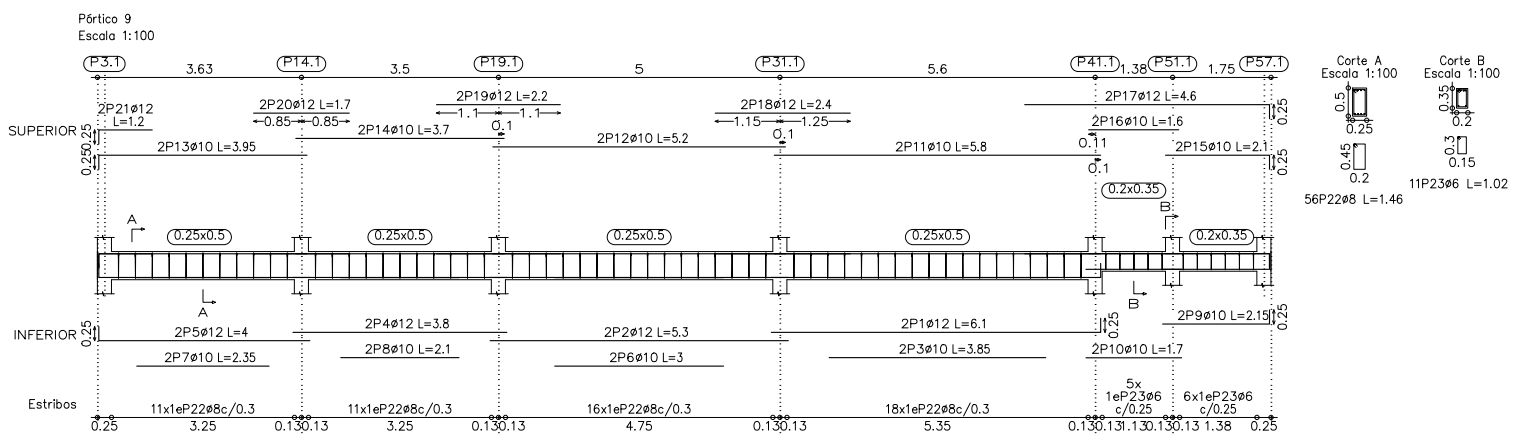
PLANTA BAJA
Desplazamiento de vigas
Homologación: H-25, Control Normal
Acero: AH-500, Control Normal
Escala: 1:100

Elemento	Pos.	Diám.	No.	Long. (cm)	Total AH-500CN (kg)
Pórtico 1-Pórtico 44	1	Ø12	2	610	1220
	2	Ø10	4	380	1520
	3	Ø10	4	380	1520
	4	Ø10	4	115	460
	5	Ø6	26	102	2652
				Total+10%	38.1
					43.5
Pórtico 2	1	Ø12	2	610	1220
	2	Ø10	4	380	1520
	3	Ø10	4	380	1520
	4	Ø10	4	160	640
	5	Ø6	18	146	2628
				Total+10%	43.5
Pórtico 9	1	Ø12	2	610	1220
	2	Ø10	4	380	1520
	3	Ø10	4	380	1520
	4	Ø10	4	380	1520
	5	Ø10	4	380	1520
	6	Ø10	4	380	1520
	7	Ø10	2	235	470
	8	Ø10	2	235	470
	9	Ø10	2	235	470
	10	Ø10	2	235	470
	11	Ø10	2	235	470
	12	Ø10	2	235	470
	13	Ø10	2	235	470
	14	Ø10	2	235	470
	15	Ø10	2	235	470
	16	Ø10	2	235	470
	17	Ø10	2	235	470
	18	Ø10	2	235	470
	19	Ø10	2	235	470
	20	Ø10	2	235	470
	21	Ø10	2	235	470
	22	Ø10	2	235	470
	23	Ø10	2	235	470
				Total+10%	100.4
Pórtico 10	1	Ø12	2	430	860
	2	Ø10	4	425	1700
	3	Ø10	4	205	820
	4	Ø10	4	280	1120
	5	Ø10	4	120	480
	6	Ø10	21	2142	4.8
				Total+10%	30.5
					Ø6: 27.6
					Ø10: 129.3
					Ø12: 134.8
					Total: 338.7

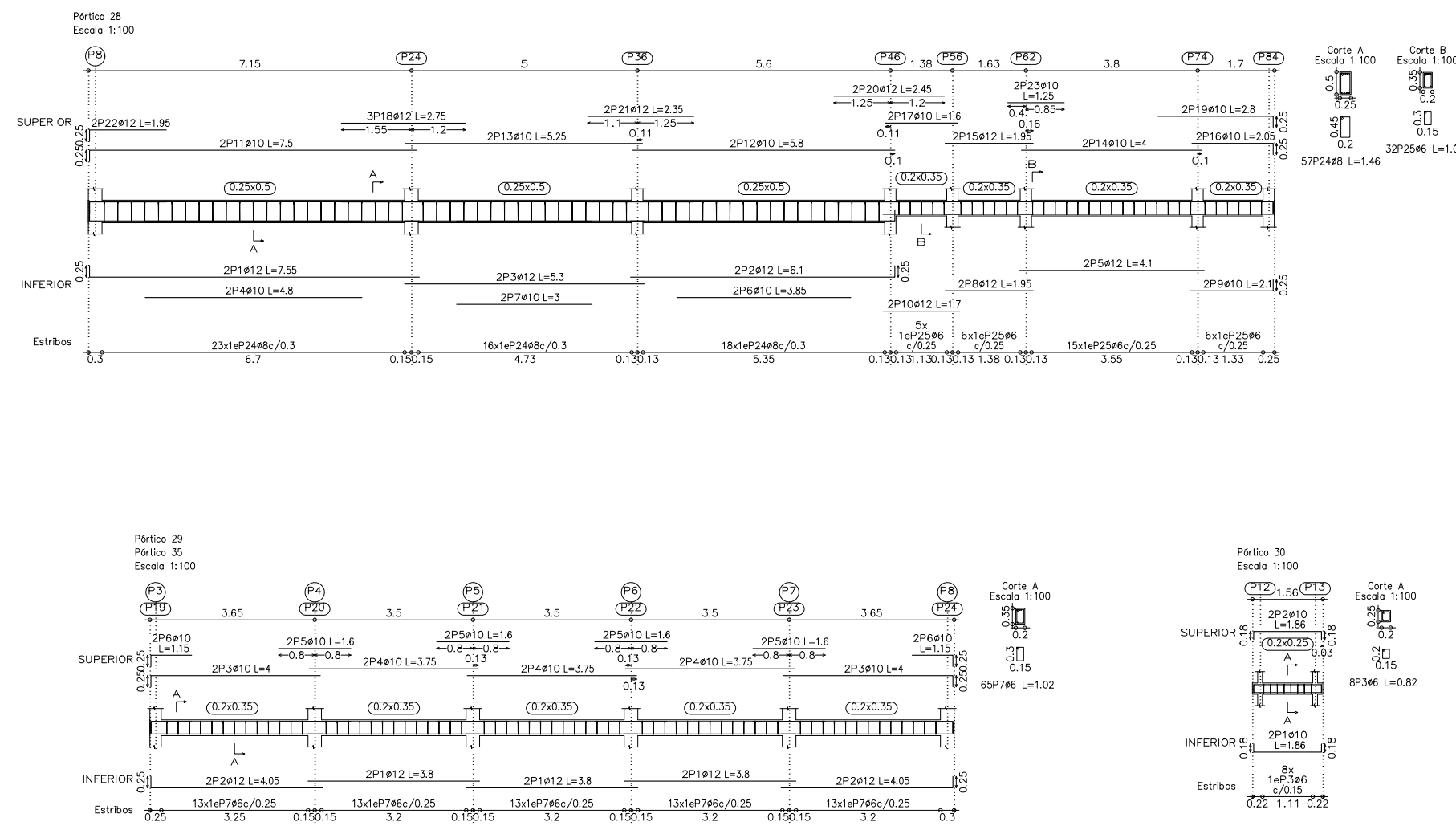


Elemento	Pos.	Diám.	No.	Long. (cm)	Total AH-500CN (kg)
Pórtico 11	1	Ø12	2	610	1220
	2	Ø10	4	330	1320
	3	Ø10	4	430	1720
	4	Ø10	4	380	1520
	5	Ø10	4	400	1600
	6	Ø10	2	280	560
	7	Ø10	2	280	560
	8	Ø10	2	280	560
	9	Ø10	2	280	560
	10	Ø10	2	280	560
	11	Ø10	2	280	560
	12	Ø10	2	280	560
	13	Ø10	2	280	560
	14	Ø10	2	280	560
	15	Ø10	2	280	560
	16	Ø10	2	280	560
	17	Ø10	2	280	560
	18	Ø10	2	280	560
	19	Ø10	2	280	560
	20	Ø10	2	280	560
	21	Ø10	2	280	560
	22	Ø10	2	280	560
	23	Ø10	2	280	560
	24	Ø10	2	280	560
	25	Ø10	2	280	560
	26	Ø10	2	280	560
	27	Ø10	2	280	560
	28	Ø10	2	280	560
				Total+10%	174.7
Pórtico 20	1	Ø12	2	610	1220
	2	Ø10	4	380	1520
	3	Ø10	4	380	1520
	4	Ø10	4	160	640
	5	Ø6	18	146	2628
				Total+10%	43.8
Pórtico 34	1	Ø12	2	392	784
	2	Ø10	4	392	1568
	3	Ø10	4	110	440
	4	Ø6	12	102	2628
				Total+10%	18.9
Pórtico 36	1	Ø12	2	420	840
	2	Ø10	4	420	1680
	3	Ø10	4	115	460
	4	Ø6	13	102	2628
				Total+10%	20.2
Pórtico 37	1	Ø12	2	282	564
	2	Ø10	4	282	1128
	3	Ø10	4	80	320
	4	Ø6	7	102	2628
				Total+10%	12.7
					Ø6: 15.1
					Ø8: 47.0
					Ø10: 93.3
					Ø12: 114.9
					Total: 270.3

PLANTA BAJA
Desplazamiento de vigas
Homologación: H-25, Control Normal
Acero: AH-500, Control Normal
Escala: 1:100

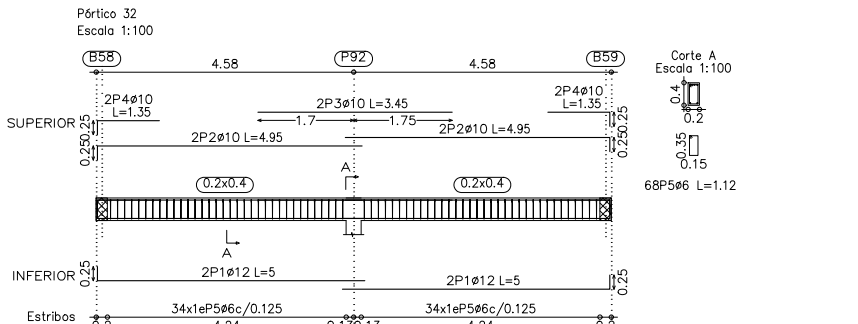
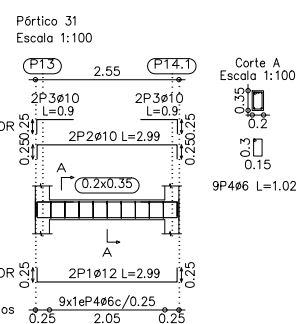


Elemento	Pos.	Diám.	No.	Long. (cm)	Total AH-500CN (kg)
Pórtico 45	1	Ø12	4	380	1520
	2	Ø12	2	400	800
	3	Ø10	4	375	1500
	4	Ø10	4	375	1500
	5	Ø10	2	370	740
	6	Ø10	2	370	740
	7	Ø10	2	370	740
	8	Ø10	2	370	740
	9	Ø10	4	160	640
	10	Ø10	2	115	460
	11	Ø6	51	102	5202
				Total+10%	71.3
Pórtico 46	1	Ø12	2	230	460
	2	Ø10	4	400	1600
	3	Ø10	2	75	300
	4	Ø6	6	102	612
				Total+10%	10.1
Pórtico 47-Pórtico 48	1	Ø12	4	405	1620
	2	Ø10	4	400	1600
	3	Ø10	2	160	640
	4	Ø10	4	115	460
	5	Ø6	26	102	2652
				Total+10%	38.5
Pórtico 49	1	Ø12	2	380	760
	2	Ø12	4	400	1600
	3	Ø10	4	395	1580
	4	Ø10	4	370	1480
	5	Ø10	4	160	640
	6	Ø10	4	115	460
	7	Ø6	39	102	3978
				Total+10%	55.8
					Ø6: 36.9
					Ø10: 88.2
					Total: 214.2



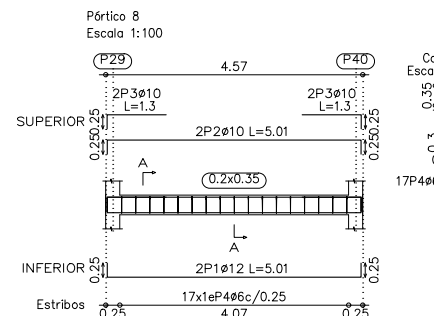
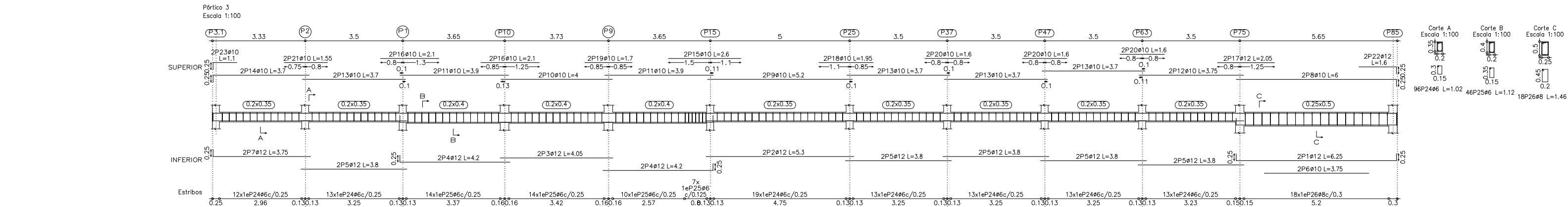
PLANTA BAJA
Desplazamiento de vigas
Homologación: H-25, Control Normal
Acero: AH-500, Control Normal
Escala: 1:100

Elemento	Pos.	Diám.	No.	Long. (cm)	Total AH-500CN (kg)
Pórtico 38	1	Ø12	6	380	2280
	2	Ø12	2	405	810
	3	Ø10	4	400	1600
	4	Ø10	4	400	1600
	5	Ø10	4	370	1480
	6	Ø10	4	370	1480
	7	Ø10	4	370	1480
	8	Ø10	4	370	1480
	9	Ø10	4	115	460
	10	Ø6	66	102	6732
				Total+10%	92.1
Pórtico 39	1	Ø12	2	448	896
	2	Ø10	4	448	1792
	3	Ø10	4	145	580
	4	Ø6	29	112	2248
				Total+10%	26.6
Pórtico 40	1	Ø10	2	248	496
	2	Ø10	2	248	496
	3	Ø6	12	82	984
				Total+10%	9.2
Pórtico 42	1	Ø12	2	390	780
	2	Ø10	4	390	1560
	3	Ø10	4	110	440
	4	Ø6	12	102	2628
				Total+10%	18.8
Pórtico 43	1	Ø12	6	380	2280
	2	Ø12	2	405	810
	3	Ø10	4	400	1600
	4	Ø10	4	400	1600
	5	Ø10	4	370	1480
	6	Ø10	4	370	1480
	7	Ø10	4	370	1480
	8	Ø10	4	370	1480
	9	Ø10	4	115	460
	10	Ø6	66	102	6732
				Total+10%	92.0
					Ø6: 46.1
					Ø10: 100.2
					Ø12: 92.4
					Total: 238.7

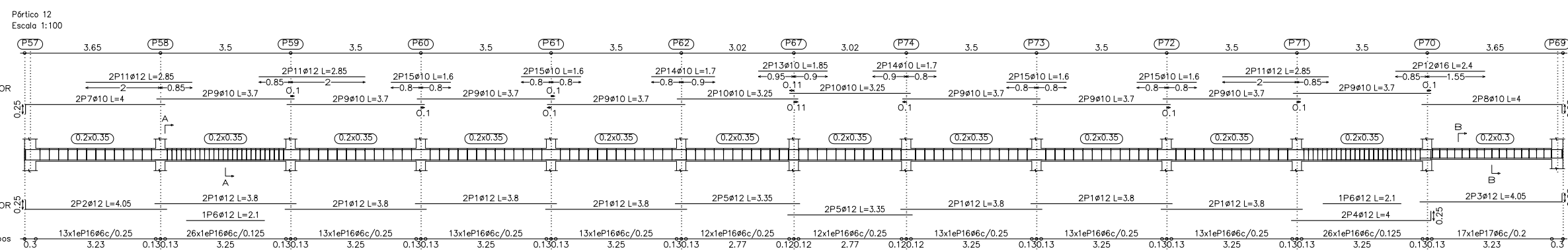
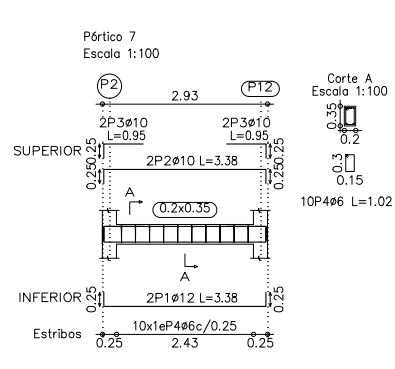
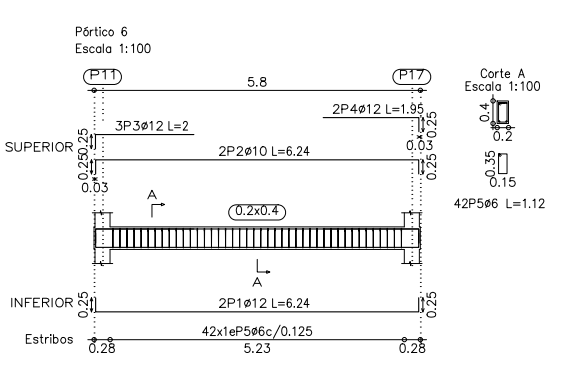
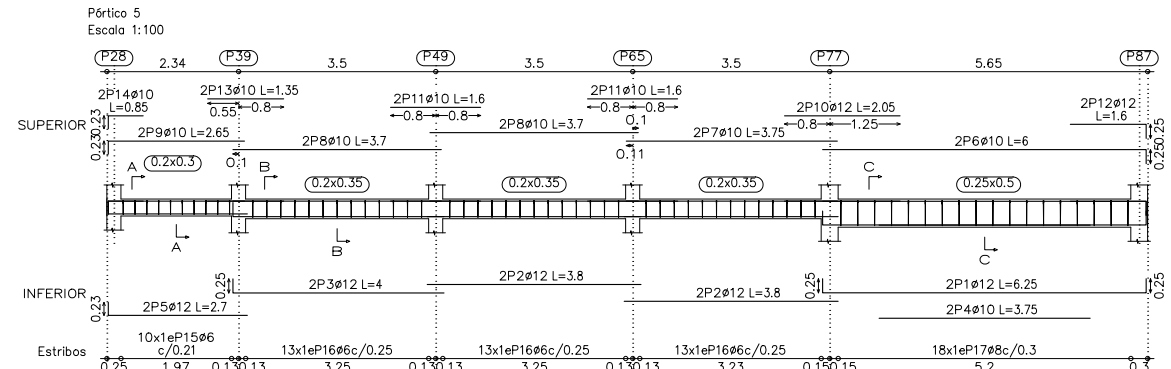
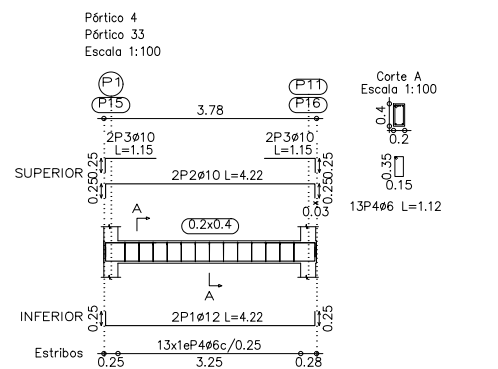


Elemento	Pos.	Diám.	No.	Long. (cm)	Total AH-500CN (kg)
Pórtico 28	1	Ø12	2	610	1220
	2	Ø12	2	610	1220
	3	Ø10	4	330	1320
	4	Ø10	4	430	1720
	5	Ø10	4	400	1600
	6	Ø10	2	280	560
	7	Ø10	2	280	560
	8	Ø10	2	280	560
	9	Ø10	2	280	560
	10	Ø10	2	280	560
	11	Ø10	2	280	560
	12	Ø10	2	280	560
	13	Ø10	2	280	560
	14	Ø10	2	280	560
	15	Ø10	2	280	560
	16	Ø10	2	280	560
	17	Ø10	2	280	560
	18	Ø10	2	280	560
	19	Ø10	2	280	560
	20	Ø10	2	280	560
	21	Ø10	2	280	560
	22	Ø10	2	280	560
	23	Ø10	2	280	560
	24	Ø10	2	280	560
				Total+10%	181.0
Pórtico 29-Pórtico 35	1	Ø12	6	380	2280
	2	Ø12	2	405	810
	3	Ø10	4	400	1600
	4	Ø10	4	375	1500
	5	Ø10	4	160	640
	6	Ø10	4	115	460
	7	Ø6	65	102	6630
				Total+10%	92.2
Pórtico 30	1	Ø10	2	186	372
	2	Ø10	2	186	372
	3	Ø6	8	82	656
				Total+10%	1.5
Pórtico 31	1	Ø12	2	299	598
	2	Ø10	4	299	1196
	3	Ø10	4	90	360
	4	Ø6	9	102	918
				Total+10%	14.5
Pórtico 32	1	Ø12	4	500	2000
	2	Ø10	4	495	1980
	3	Ø10	2	345	690
	4	Ø10	4	135	540
	5	Ø6	68	112	7616
				Total+10%	60.0
					Ø6: 63.6
					Ø8: 36.0
					Ø10: 168.9
					Ø12: 178.9
					Total: 446.6

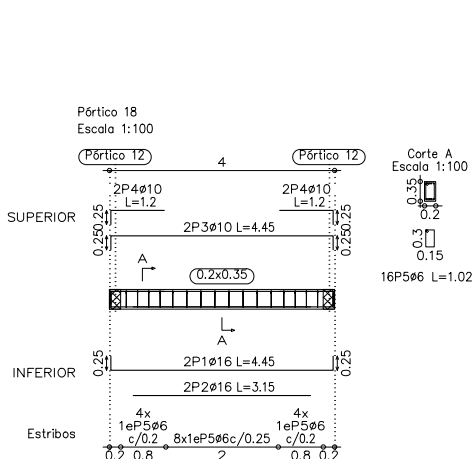
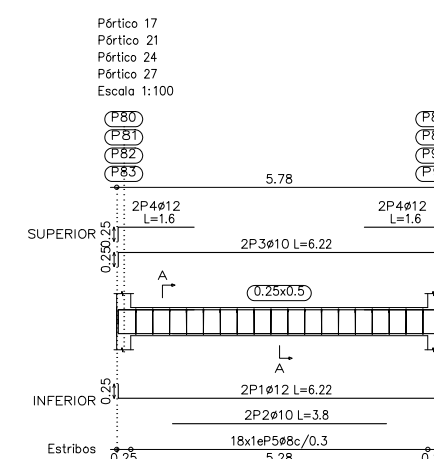
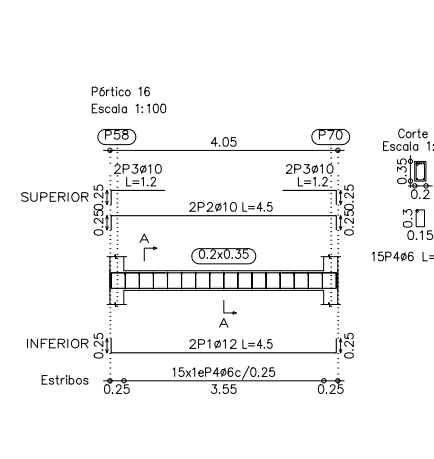
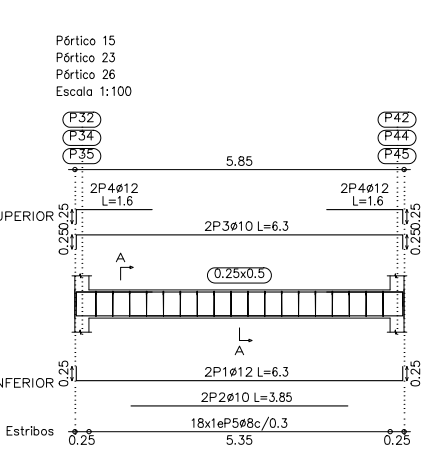
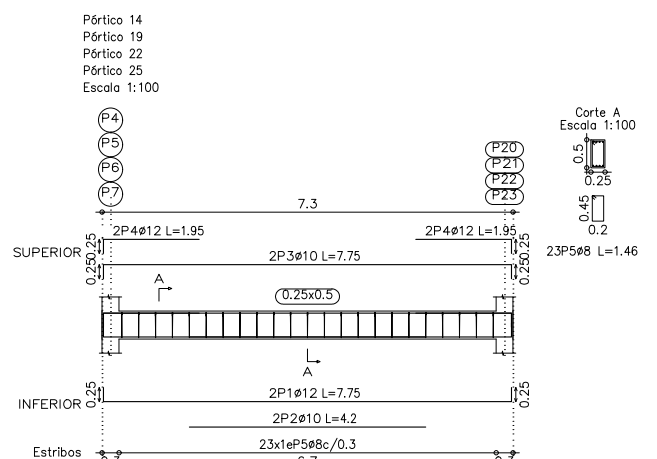
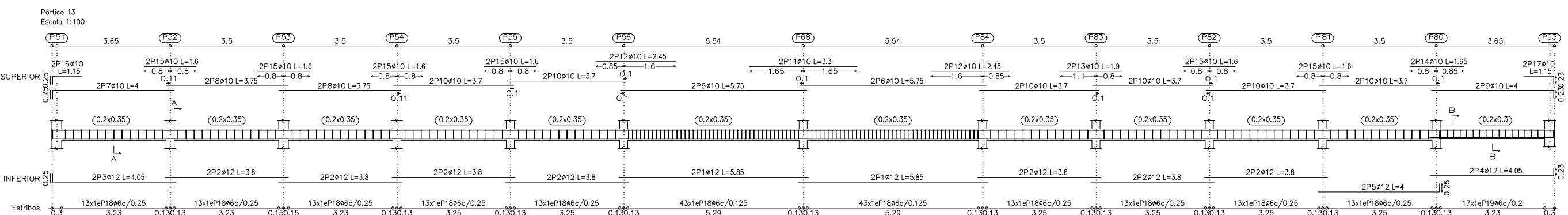
PLANO DE DETALLES Y ARAMADURA DE LAS VIGAS



PLANTA BAJA
Despiece de vigas
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:100



PLANTA BAJA
Despiece de vigas
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:100



Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500CN (kg)
Pórtico 12	1	ø12	14	380	5320	47.2
	2	ø12	2	405	810	7.2
	3	ø12	2	405	810	7.2
	4	ø12	2	400	800	7.1
	5	ø12	4	335	1340	11.9
	6	ø12	2	210	420	3.7
	7	ø10	2	400	800	4.9
	8	ø10	2	400	800	4.9
	9	ø10	16	370	5920	36.5
	10	ø10	4	325	1300	8.0
	11	ø12	6	285	1710	15.2
	12	ø16	2	240	480	7.6
	13	ø10	2	185	370	2.3
	14	ø10	4	170	680	4.2
	15	ø10	8	160	1280	7.9
	16	ø6	167	102	17024	37.8
	17	ø6	17	92	1564	3.5
Total+10%					238.8	
Pórtico 13	1	ø12	4	585	2340	20.8
	2	ø12	14	380	5320	47.2
	3	ø12	2	405	810	7.2
	4	ø12	2	405	810	7.2
	5	ø12	2	400	800	7.1
	6	ø10	4	575	2300	14.2
	7	ø10	2	400	800	4.9
	8	ø10	4	375	1500	9.2
	9	ø10	2	400	800	4.9
	10	ø10	12	370	4440	27.4
	11	ø10	2	330	660	4.1
	12	ø10	4	245	980	6.0
	13	ø10	2	190	380	2.3
	14	ø10	2	165	330	2.0
	15	ø10	12	160	1920	11.8
	16	ø10	2	115	230	1.4
	17	ø10	2	115	230	1.4
	18	ø6	203	102	20706	46.0
	19	ø6	17	92	1564	3.5
Total+10%					251.5	
Pórtico 14=Pórtico 19=Pórtico 22	1	ø12	2	775	1550	13.8
	2	ø10	2	420	840	5.2
	3	ø10	2	775	1550	9.8
	4	ø12	4	195	780	6.9
	5	ø8	23	146	3358	13.3
Total+10%					214.8	
Pórtico 15=Pórtico 23=Pórtico 26	1	ø12	2	630	1260	11.2
	2	ø10	2	385	770	4.7
	3	ø10	2	630	1260	7.8
	4	ø12	4	160	640	5.7
	5	ø8	18	146	2628	10.4
Total+10%					131.4	
Pórtico 16	1	ø12	2	450	900	8.0
	2	ø10	2	450	900	5.5
	3	ø10	4	120	480	3.0
	4	ø6	15	102	1530	3.4
Total+10%					21.9	
Pórtico 17=Pórtico 21=Pórtico 24	1	ø12	2	622	1244	11.0
	2	ø10	2	380	760	4.7
	3	ø10	2	622	1244	7.7
	4	ø12	4	160	640	5.7
	5	ø8	18	146	2628	10.4
Total+10%					43.5	
Pórtico 18	1	ø16	2	445	890	14.0
	2	ø16	2	315	630	9.9
	3	ø10	2	445	890	5.5
	4	ø10	4	120	480	3.0
	5	ø6	16	102	1632	3.6
Total+10%					39.6	
					ø6:	107.6
					ø8:	136.9
					ø10:	353.4
					ø12:	437.4
					ø16:	34.7
					Total:	1072.0

PLANO DE DETALLES Y ARAMADURA DE LAS VIGAS

