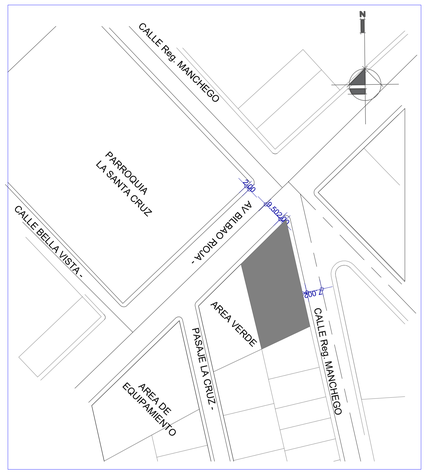
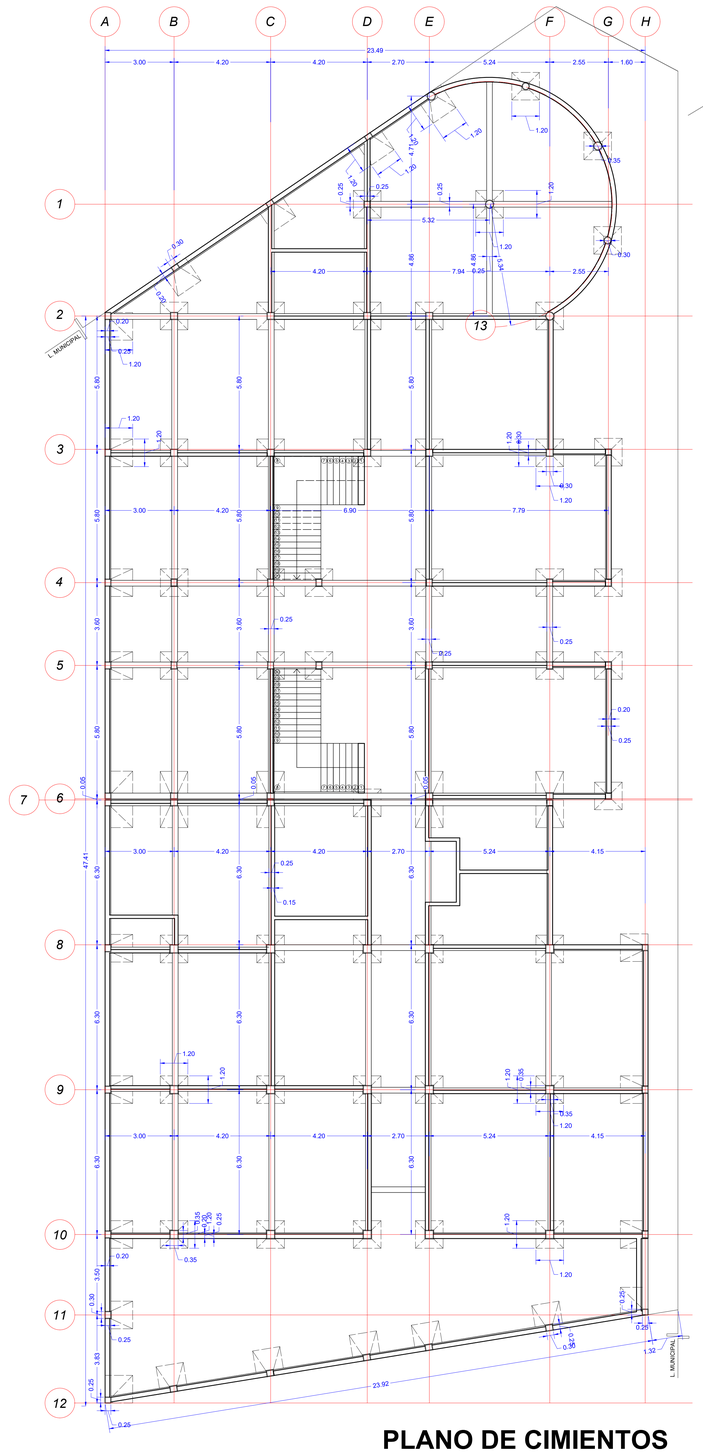
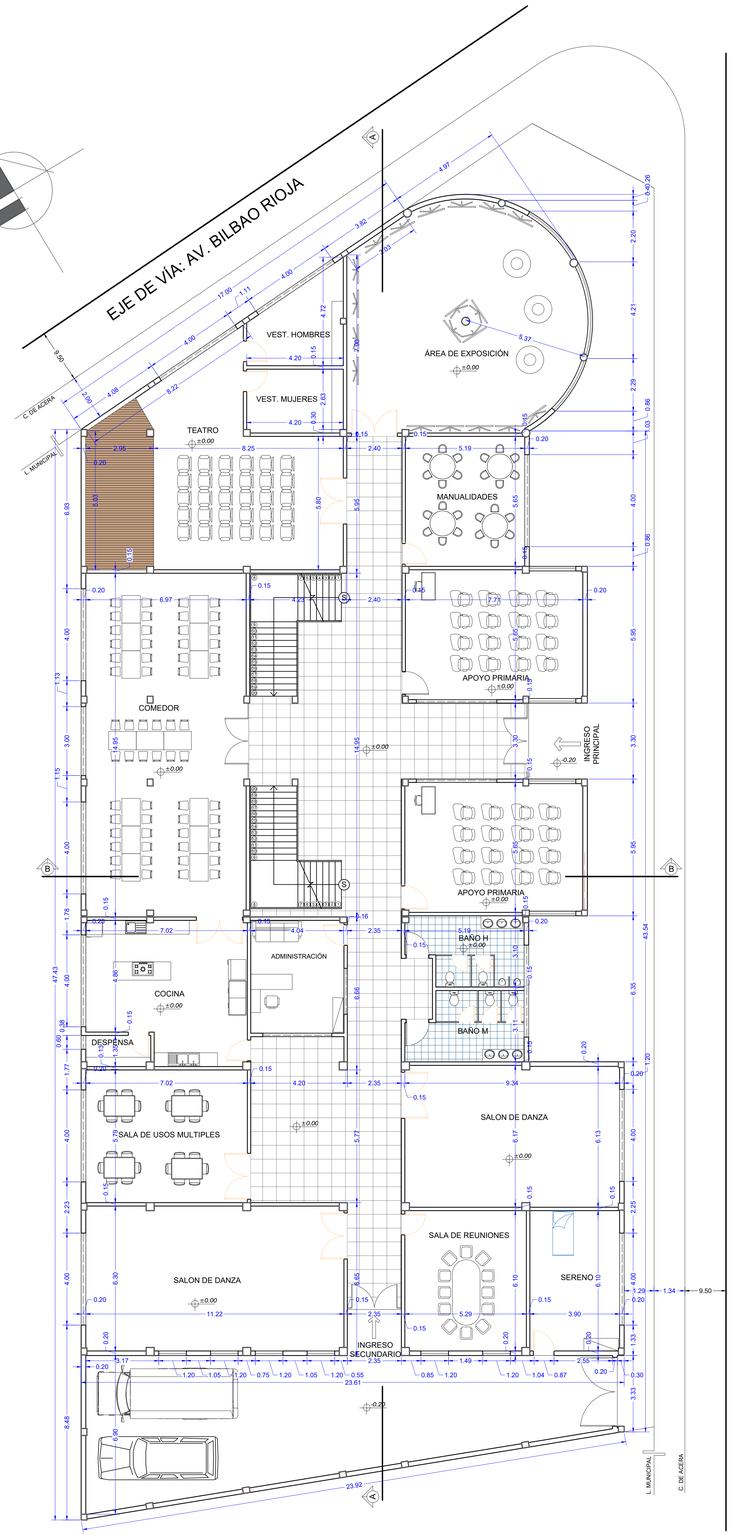


UBICACIÓN DEL LOTE EN EL MANZANO
ESC: 1:1000



PLANO DE CIMIENTOS
ESC: 1:100



PLANTA BAJA
ESC: 1:100

EJE DE VÍA: CALLE REG. MANCHEGO

CARACTER:

CENTRO CULTURAL DISTRITO Nº 7

PROPIETARIO: DISTRITO 7

NOTAS MARGINALES:

SUPERFICIE:

1.007.56m2	PLANTA BAJA
1.002.73m2	PRIMER PISO
265.45m2	SEGUNDO PISO
2.275.74m2	

LAMINA: 1/3

EJECUTO: .....

APROBACION D.G.O.T.

UBICACION:

COD. CATASTRAL:

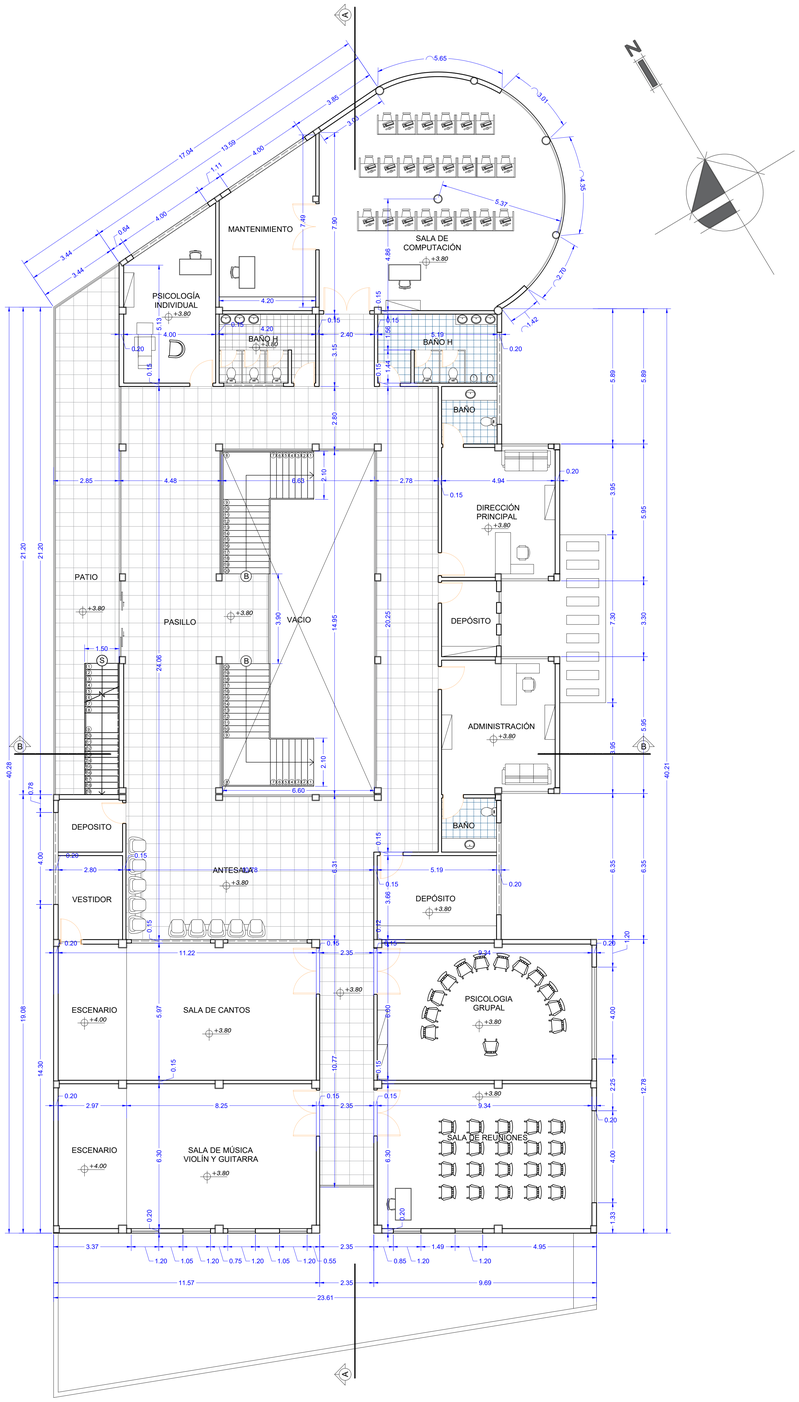
FECHA : TJA - 20 de JUNIO - 2017

ESCALA: INDICADAS

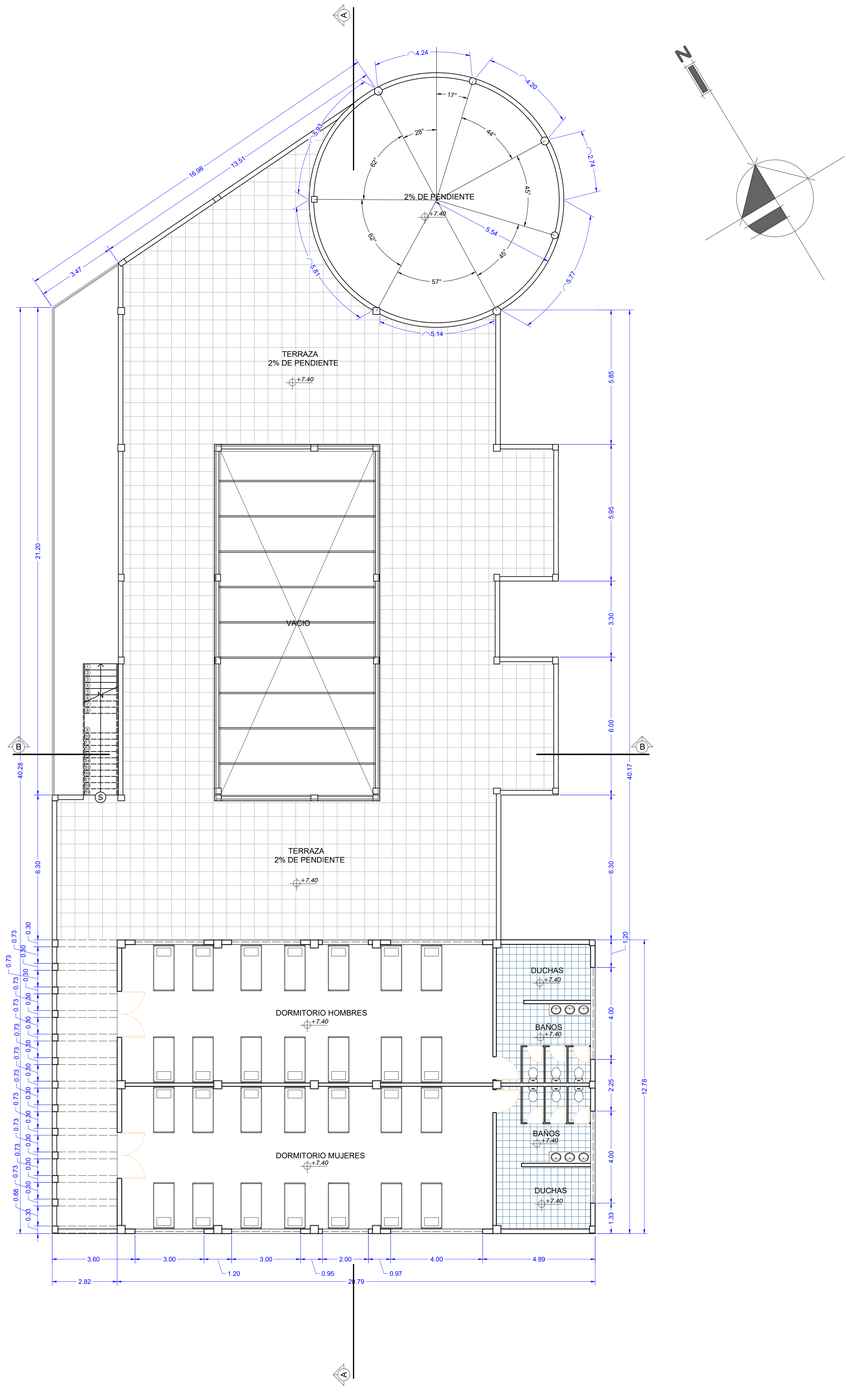
ZONA : DISTRITO 7

REGISTRO :

SELLO :



PRIMER PISO
ESC: 1:100



SEGUNDO PISO
ESC: 1:100

CARACTER:

CENTRO CULTURAL DISTRITO Nº 7

PROPIETARIO:

DISTRITO 7

NOTAS MARGINALES:

SUPERFICIE:

1.007.56m2	PLANTA BAJA	
1.002.73m2	PRIMER PISO	
265.45m2	SEGUNDO PISO	
2.275.74m2		

LAMINA: 2/3

EJECUTO:

.....

APROBACION D.G.O.T.

UBICACION:

COD. CATASTRAL:

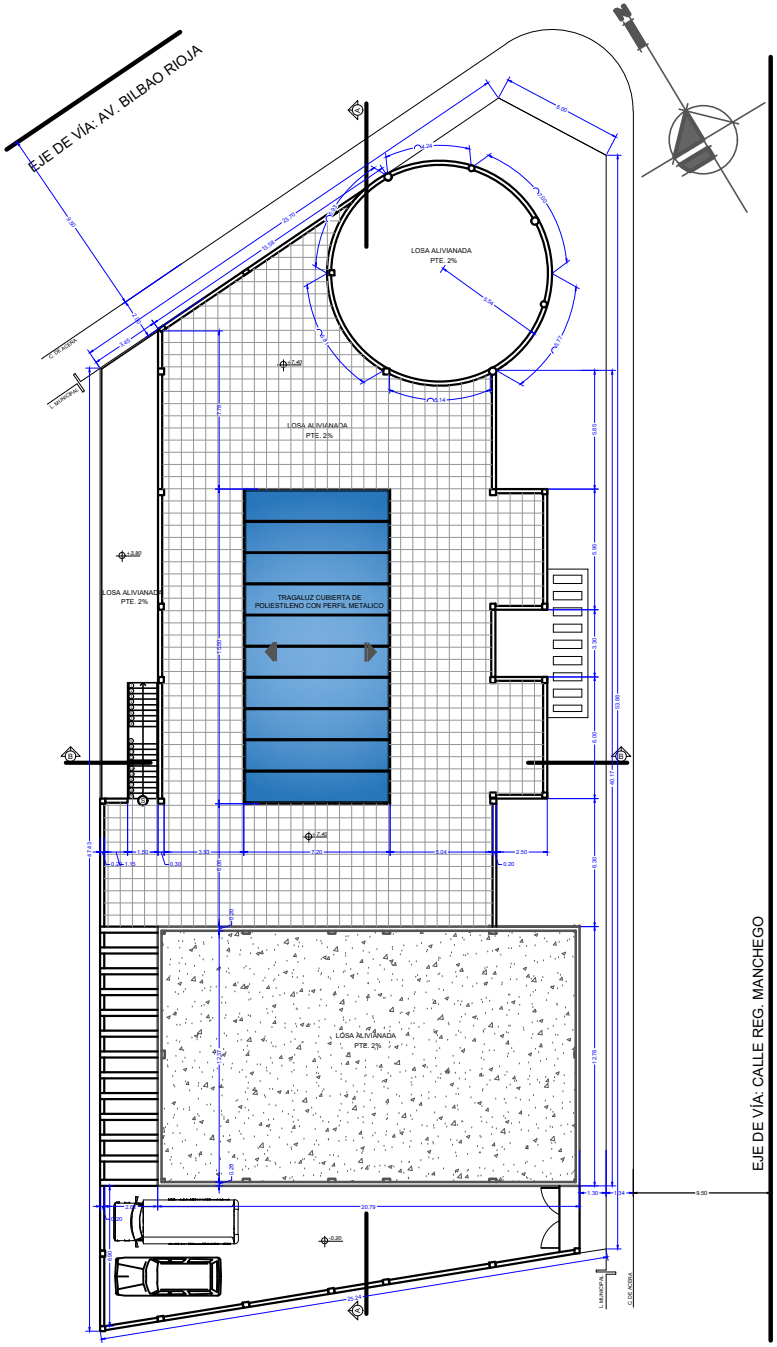
FECHA : TJA - 20 de JUNIO - 2017

ESCALA: INDICADAS

ZONA : DISTRITO 7

REGISTRO :

SELLO :



PLANO DE TECHO
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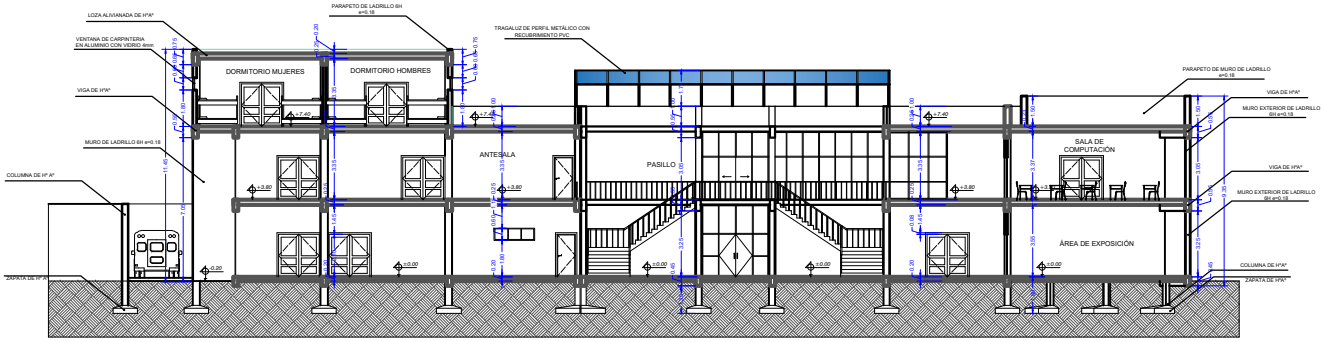

CORTE LONGITUDINAL A-A
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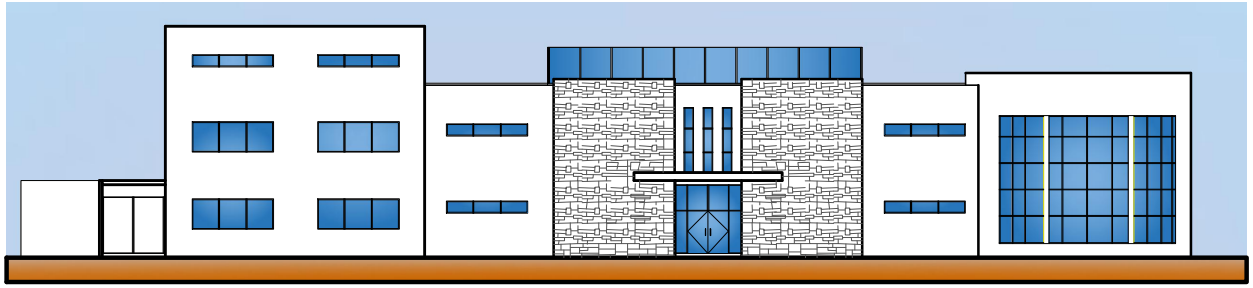
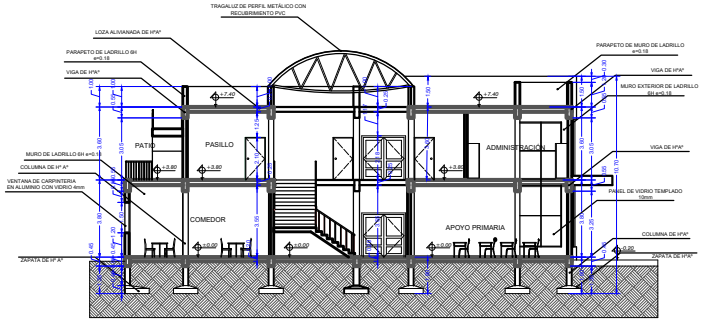
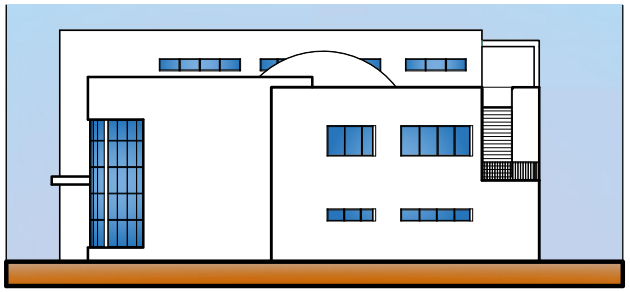


FACHADA PRINCIPAL
ESC: 1:100

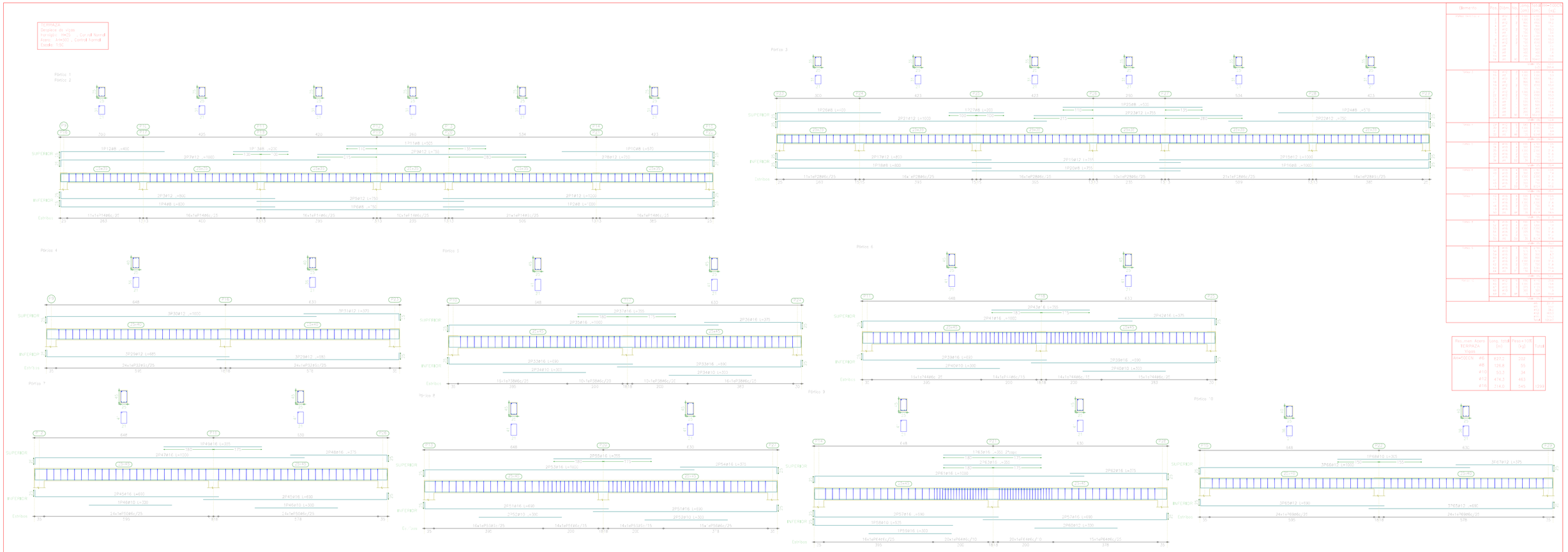


CORTE TRANSVERSAL B-B
ESC: 1:100



FACHADA LATERAL DERECHO
ESC: 1:100

CARACTER:	CENTRO CULTURAL DISTRITO Nº 7
PROPIETARIO:	DISTRITO 7
NOTAS MARGINALES:	
SUPERFICIE:	1.007.56m2 PLANTA BAJA 1.002.73m2 PRIMER PISO 265.45m2 SEGUNDO PISO 2.275.74m2
LAMINA:	3/3
EJECUTO:	.....
APROBACION D.G.O.T.	
UBICACION:	
COD. CATASTRAL:	
FECHA : TJA - 20 de JUNIO - 2017	
ESCALA:	INDICADAS
ZONA :	DISTRITO 7
REGISTRO :	
SELLO :	



Elemento	Pos.	Diám.	Nº	Long.	Total	Peso (kg)
Pórtico 1	1	Ø12	2	1.00	2.00	1.78
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	3	Ø12	2	1.00	2.00	1.78
	4	Ø12	2	1.00	2.00	1.78
	5	Ø12	2	1.00	2.00	1.78
	6	Ø12	2	1.00	2.00	1.78
	7	Ø12	2	1.00	2.00	1.78
	8	Ø12	2	1.00	2.00	1.78
	9	Ø12	2	1.00	2.00	1.78
	10	Ø12	2	1.00	2.00	1.78
	11	Ø12	2	1.00	2.00	1.78
	12	Ø12	2	1.00	2.00	1.78
	13	Ø12	2	1.00	2.00	1.78
	14	Ø12	2	1.00	2.00	1.78
	15	Ø12	2	1.00	2.00	1.78
	16	Ø12	2	1.00	2.00	1.78
	17	Ø12	2	1.00	2.00	1.78
	18	Ø12	2	1.00	2.00	1.78
	19	Ø12	2	1.00	2.00	1.78
	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	38.1
Pórtico 2	1	Ø12	2	1.00	2.00	1.78
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	3	Ø12	2	1.00	2.00	1.78
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	5	Ø12	2	1.00	2.00	1.78
	6	Ø12	2	1.00	2.00	1.78
	7	Ø12	2	1.00	2.00	1.78
	8	Ø12	2	1.00	2.00	1.78
	9	Ø12	2	1.00	2.00	1.78
	10	Ø12	2	1.00	2.00	1.78
	11	Ø12	2	1.00	2.00	1.78
	12	Ø12	2	1.00	2.00	1.78
	13	Ø12	2	1.00	2.00	1.78
	14	Ø12	2	1.00	2.00	1.78
	15	Ø12	2	1.00	2.00	1.78
	16	Ø12	2	1.00	2.00	1.78
	17	Ø12	2	1.00	2.00	1.78
	18	Ø12	2	1.00	2.00	1.78
	19	Ø12	2	1.00	2.00	1.78
	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	37.4
Pórtico 3	1	Ø12	2	1.00	2.00	1.78
	2	Ø12	2	1.00	2.00	1.78
	3	Ø12	2	1.00	2.00	1.78
	4	Ø12	2	1.00	2.00	1.78
	5	Ø12	2	1.00	2.00	1.78
	6	Ø12	2	1.00	2.00	1.78
	7	Ø12	2	1.00	2.00	1.78
	8	Ø12	2	1.00	2.00	1.78
	9	Ø12	2	1.00	2.00	1.78
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	13	Ø12	2	1.00	2.00	1.78
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	15	Ø12	2	1.00	2.00	1.78
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	19	Ø12	2	1.00	2.00	1.78
	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	37.4
Pórtico 4	1	Ø12	2	1.00	2.00	1.78
	2	Ø12	2	1.00	2.00	1.78
	3	Ø12	2	1.00	2.00	1.78
	4	Ø12	2	1.00	2.00	1.78
	5	Ø12	2	1.00	2.00	1.78
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	7	Ø12	2	1.00	2.00	1.78
	8	Ø12	2	1.00	2.00	1.78
	9	Ø12	2	1.00	2.00	1.78
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	15	Ø12	2	1.00	2.00	1.78
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	19	Ø12	2	1.00	2.00	1.78
	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	37.4
Pórtico 5	1	Ø12	2	1.00	2.00	1.78
	2	Ø12	2	1.00	2.00	1.78
	3	Ø12	2	1.00	2.00	1.78
	4	Ø12	2	1.00	2.00	1.78
	5	Ø12	2	1.00	2.00	1.78
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	7	Ø12	2	1.00	2.00	1.78
	8	Ø12	2	1.00	2.00	1.78
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	13	Ø12	2	1.00	2.00	1.78
	14	Ø12	2	1.00	2.00	1.78
	15	Ø12	2	1.00	2.00	1.78
	16	Ø12	2	1.00	2.00	1.78
	17	Ø12	2	1.00	2.00	1.78
	18	Ø12	2	1.00	2.00	1.78
	19	Ø12	2	1.00	2.00	1.78
	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	37.4
Pórtico 6	1	Ø12	2	1.00	2.00	1.78
	2	Ø12	2	1.00	2.00	1.78
	3	Ø12	2	1.00	2.00	1.78
	4	Ø12	2	1.00	2.00	1.78
	5	Ø12	2	1.00	2.00	1.78
	6	Ø12	2	1.00	2.00	1.78
	7	Ø12	2	1.00	2.00	1.78
	8	Ø12	2	1.00	2.00	1.78
	9	Ø12	2	1.00	2.00	1.78
	10	Ø12	2	1.00	2.00	1.78
	11	Ø12	2	1.00	2.00	1.78
	12	Ø12	2	1.00	2.00	1.78
	13	Ø12	2	1.00	2.00	1.78
	14	Ø12	2	1.00	2.00	1.78
	15	Ø12	2	1.00	2.00	1.78
	16	Ø12	2	1.00	2.00	1.78
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	19	Ø12	2	1.00	2.00	1.78
	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	37.4
Pórtico 7	1	Ø12	2	1.00	2.00	1.78
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	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	37.4
Pórtico 8	1	Ø12	2	1.00	2.00	1.78
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	3	Ø12	2	1.00	2.00	1.78
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	19	Ø12	2	1.00	2.00	1.78
	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	37.4
Pórtico 9	1	Ø12	2	1.00	2.00	1.78
	2	Ø12	2	1.00	2.00	1.78
	3	Ø12	2	1.00	2.00	1.78
	4	Ø12	2	1.00	2.00	1.78
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	19	Ø12	2	1.00	2.00	1.78
	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	37.4
Pórtico 10	1	Ø12	2	1.00	2.00	1.78
	2	Ø12	2	1.00	2.00	1.78
	3	Ø12	2	1.00	2.00	1.78
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	11	Ø12	2	1.00	2.00	1.78
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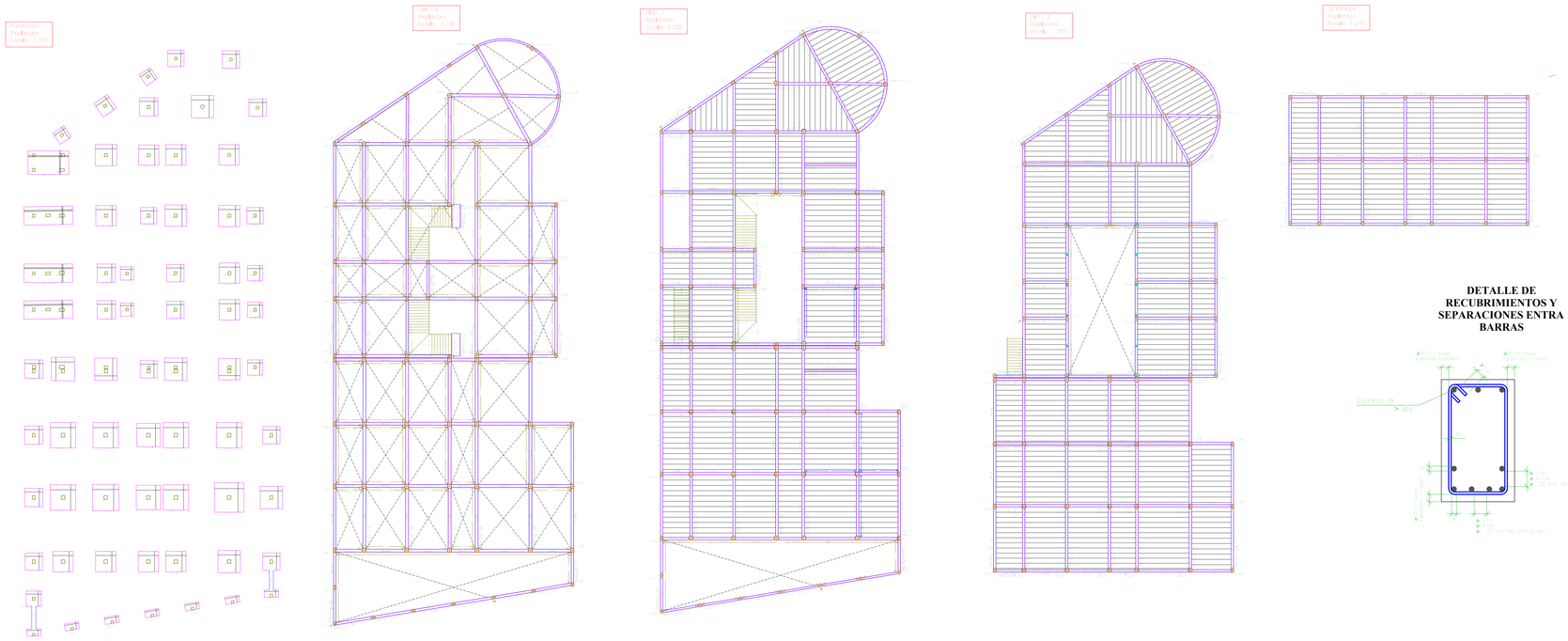
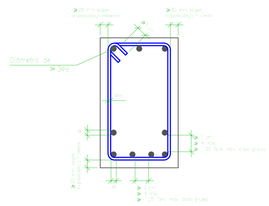
	19	Ø12	2	1.00	2.00	1.78
	20	Ø12	2	1.00	2.00	1.78
	21	Ø12	2	1.00	2.00	1.78
					Total	37.4
Vigas	1	Ø12	2	1.00	2.00	1.78
	2	Ø12	2	1.00	2.00	1.78
	3	Ø12	2	1.00	2.00	1.78
	4	Ø12	2	1.00	2.00	1.78
					Total	7.1
					Ø12	261
					Ø16	341
					Ø20	545
					Total	1126

Resumen Acero TERRAZA Vigas	Long. total (m)	Peso x 100 (kg)	Total
A60-100CN Ø6	837.2	200	
Ø8	126.8	55	
Ø10	53.3	34	
Ø12	474.3	462	
Ø16	714.8	545	1296

REPLANTEO Y REFERENCIA A PÓRTICOS DE CADA NIVEL



DETALLE DE RECUBRIMIENTOS Y SEPARACIONES ENTRA BARRAS



UNIVERSIDAD AUTONOMA "JUAN MISAEL SARACHO"
FACULTAD DE CIENCIAS Y TECNOLOGIA

DISEÑO ESTRUCTURAL CENTRO CULTURAL DISTRITO 7	CONTENIDO: PLANO ESTRUCTURAL REPLANTEO Y VIGAS "TERRAZA"
UNIVERSITARIO: UNIV. AVIZA FLORES ISRAEL	ESCALA: INDICADA
VoBo	FECHA: FEBRERO/2024

LAMINA: 1/16

PISO 2
Despiece de vigas
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:50

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500CN (kg)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Resumen Acero PISO 2 Vigas		Long. total (m)	Peso+10% (kg)	Total
AH-500CN	ø6	2160.8	527	
	ø8	662.0	287	
	ø10	272.3	185	
	ø12	909.0	888	
	ø16	1591.7	2763	4650

UNIVERSIDAD AUTONOMA "JUAN MISAEL SARACHO"
FACULTAD DE CIENCIAS Y TECNOLOGIA

DISEÑO ESTRUCTURAL CENTRO CULTURAL DISTRITO 7

CONTENIDO: PLANO ESTRUCTURALVIGAS "PISO 2"

UNIVERSITARIO: UNIV. AVIZA FLORES ISRAEL

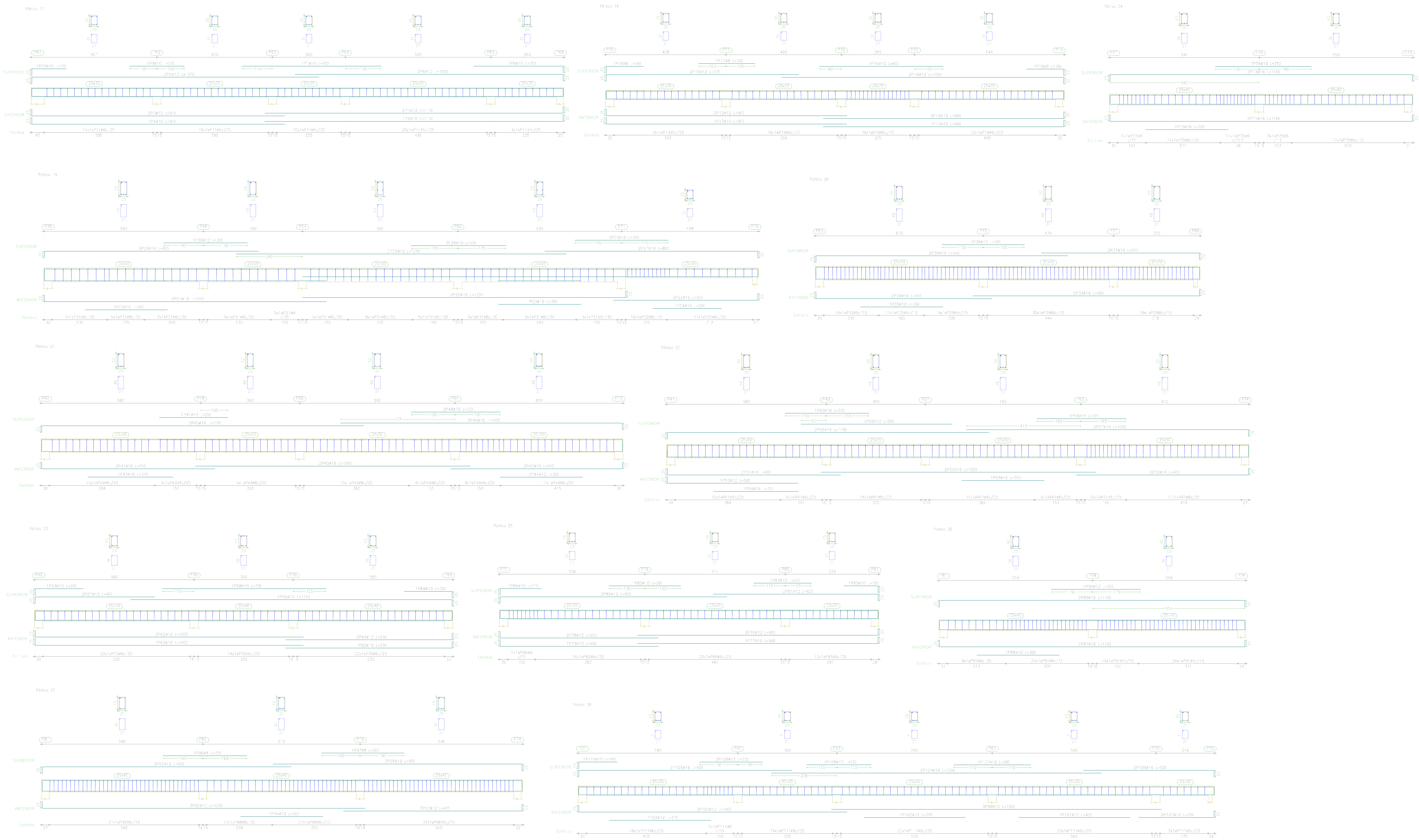
ESCALA: 1:50

LAMINA: 2/16

VoBo

FECHA: FEBRERO/2024

PISO 2
Despiece de vigas
Hormigón: H-25 , Control Normal
Acero: AH-500 , Control Normal
Escala: 1:50



Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	AH-500CN (kg)
Pórtico 17	1	ø12	2	1110	2220	19.7
	2	ø10	1	1110	1110	6.8
	3	ø12	2	945	1890	16.8
	4	ø10	1	945	945	5.8
	5	ø12	2	1070	2140	19.0
	6	ø12	2	1000	2000	17.8
	7	ø10	1	505	505	3.1
	8	ø10	1	350	350	2.2
	9	ø10	1	200	200	1.2
	10	ø10	1	150	150	0.9
	11	ø6	71	116	8236	18.3
					Total+10%:	122.8
Pórtico 18	12	ø12	4	900	3600	32.0
	13	ø10	2	900	1800	11.1
	14	ø12	2	1050	2100	18.6
	15	ø12	2	725	1450	12.9
	16	ø10	1	450	450	2.8
	17	ø8	1	205	205	0.8
	18	ø8	2	160	320	1.3
	19	ø6	68	116	7888	17.5
					Total+10%:	106.7
Pórtico 19	20	ø16	2	1200	2400	37.9
	21	ø16	2	1050	2100	33.1
	22	ø16	2	550	1100	17.4
	23	ø16	2	300	600	9.5
	24	ø16	1	250	250	3.9
	25	ø16	2	1200	2400	37.9
	26	ø16	2	805	1610	25.4
	27	ø16	2	800	1600	25.3
	28	ø12	3	345	1035	9.2
	29	ø16	3	340	1020	16.1
	30	ø12	1	305	305	2.7
	31	ø8	67	150	10050	39.7
	32	ø8	21	120	2520	9.9
					Total+10%:	294.8
Pórtico 20	33	ø16	2	850	1700	26.8
	34	ø16	2	665	1330	21.0
	35	ø10	1	300	300	1.8
	36	ø16	2	940	1880	29.7
	37	ø16	2	600	1200	18.9
	38	ø10	1	300	300	1.8
	39	ø6	88	146	12848	28.5
					Total+10%:	141.4
Pórtico 21	40	ø16	2	1000	2000	31.6
	41	ø16	2	655	1310	20.7
	42	ø16	2	650	1300	20.5
	43	ø16	1	310	310	4.9
	44	ø12	3	300	900	8.0
	45	ø16	2	1195	2390	37.7
	46	ø16	2	1050	2100	33.1
	47	ø10	1	250	250	1.5
	48	ø16	2	325	650	10.3
	49	ø8	81	150	12150	47.9
					Total+10%:	237.8
Pórtico 22	50	ø16	2	1000	2000	31.6
	51	ø16	2	655	1310	20.7
	52	ø16	2	650	1300	20.5
	53	ø12	1	500	500	4.4
	54	ø16	1	310	310	4.9
	55	ø16	1	300	300	4.7
	56	ø16	2	1195	2390	37.7
	57	ø16	2	1050	2100	33.1
	58	ø12	1	550	550	4.9
	59	ø16	1	325	325	5.1
	60	ø16	1	305	305	4.8
	61	ø8	83	150	12450	49.1
					Total+10%:	243.7
Pórtico 23	62	ø12	2	1000	2000	17.8
	63	ø10	1	1000	1000	6.2
	64	ø12	2	630	1260	11.2
	65	ø10	1	630	630	3.9
	66	ø12	2	1195	2390	21.2
	67	ø12	2	460	920	8.2
	68	ø10	1	595	595	3.7
	69	ø10	2	200	400	2.5
	70	ø6	58	126	7308	16.2
					Total+10%:	100.0
Pórtico 24	71	ø16	2	1149	2298	36.3
	72	ø16	1	300	300	4.7
	73	ø16	2	1149	2298	36.3
	74	ø16	1	350	350	5.5
	75	ø6	53	126	6678	14.8
					Total+10%:	107.4
Pórtico 25	76	ø12	2	900	1800	16.0
	77	ø10	1	900	900	5.5
	78	ø12	2	600	1200	10.7
	79	ø10	1	600	600	3.7
	80	ø12	2	850	1700	15.1
	81	ø12	2	625	1250	11.1
	82	ø10	1	260	260	1.6
	83	ø10	1	210	210	1.3
	84	ø10	1	175	175	1.1
	85	ø10	1	150	150	0.9
	86	ø6	55	116	6380	14.2
					Total+10%:	89.3
Pórtico 26	87	ø16	2	1160	2320	36.6
	88	ø10	1	300	300	1.8
	89	ø16	2	1160	2320	36.6
	90	ø12	1	325	325	2.9
	91	ø6	63	126	7938	17.6
					Total+10%:	105.1
Pórtico 27	92	ø12	3	1200	3600	32.0
	93	ø12	3	675	2025	18.0
	94	ø12	1	300	300	2.7
	95	ø12	6	930	5580	49.5
	96	ø8	1	305	305	1.2
	97	ø8	1	300	300	1.2
	98	ø6	105	136	14280	31.7
					Total+10%:	149.9
Pórtico 28	99	ø12	3	1200	3600	32.0
	100	ø12	3	1000	3000	26.6
	101	ø12	1	405	405	3.6
	102	ø12	2	370	740	6.6
	103	ø12	2	300	600	5.3
	104	ø16	2	1200	2400	37.9
	105	ø16	2	800	1600	25.3
	106	ø16	2	500	1000	15.8
	107	ø16	1	260	260	4.4
	108	ø12	1	235	235	2.1
	109	ø12	2	230	460	4.1
	110	ø10	1	165	165	1.0
	111	ø6	91	116	10556	23.4
					Total+10%:	206.9
					ø6:	200.4
					ø8:	166.5
					ø10:	79.4
					ø12:	508.8
					ø16:	950.7
					Total:	1905.8

UNIVERSIDAD AUTONOMA "JUAN MISAEL SARACHO"
FACULTAD DE CIENCIAS Y TECNOLOGIA

DISEÑO ESTRUCTURAL CENTRO CULTURAL DISTRITO 7

CONTENIDO: PLANO ESTRUCTURAL VIGAS "PISO 2"

UNIVERSITARIO: UNIV. AVIZA FLORES ISRAEL

ESCALA: 1:50

LAMINA: 3/16

VoBo

FECHA: FEBRERO/2024

Piso 1
Dropiece de vigas
hormigón: f'c=25 , Control Normal
Acero: fy=420 , Control Normal
Escala: 1:50

Elemento	Pos.	Diám.	Long.	Cant.	Total	Peso (kg)
Pórtico 1	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 2	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 3	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 4	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 5	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 6	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 7	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 8	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 9	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 10	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 11	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 12	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Pórtico 13	1	#12	12.0	2	24.0	21.3
	2	#12	12.0	2	24.0	21.3
	3	#12	12.0	2	24.0	21.3
	4	#12	12.0	2	24.0	21.3
	5	#12	12.0	2	24.0	21.3
	6	#12	12.0	2	24.0	21.3
				Total	144.0	127.8
Estribos	1	#3	1.64	1	1.64	0.91
	2	#3	1.64	1	1.64	0.91
	3	#3	1.64	1	1.64	0.91
	4	#3	1.64	1	1.64	0.91
	5	#3	1.64	1	1.64	0.91
	6	#3	1.64	1	1.64	0.91
				Total	9.84	5.46

Peso por Acero PISO 1 (2020)	Long. (m)	Peso (kg)	Peso x 100 kg
Acero GRADO 60	#6	1186.3	587
	#8	1356.0	588
	#10	316.2	316
	#12	1385.8	1353
	#16	1923.8	3242
	#25	26.5	65	5658

UNIVERSIDAD AUTONOMA "JUAN MISAEL SARACHO"
FACULTAD DE CIENCIAS Y TECNOLOGIA

DISEÑO ESTRUCTURAL
CENTRO CULTURAL
DISTRITO 7

CONTENIDO:
PLANO ESTRUCTURAL VIGAS "PISO 1"

UNIVERSITARIO:
UNIV. AVIZA FLORES ISRAEL

ESCALA: 1:50

LAMINA: 4/16

VoBo

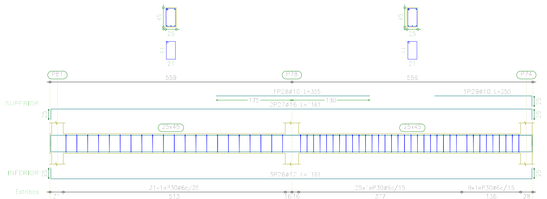
FECHA: FEBRERO/2024

UNIVERSIDAD AUTONOMA "JUAN MISAEL SARACHO"
FACULTAD DE CIENCIAS Y TECNOLOGIA

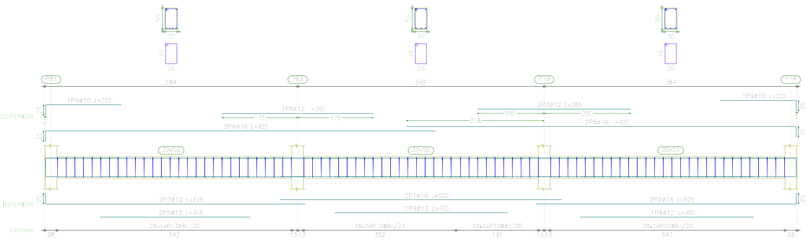
DISEÑO ESTRUCTURAL CENTRO CULTURAL DISTRITO 7	CONTENIDO: PLANO ESTRUCTURAL VIGAS "PISO 1"	
UNIVERSITARIO: UNIV. AVIZA FLORES ISRAEL	ESCALA: 1:50	LAMINA: 5/16
VoBo	FECHA: FEBRERO/2024	

PISO 1
Pórticos de vigas
Hormigón: f'c=25 , Control Normal
Acero: fy=420 , Control Normal
Escala: 1:50

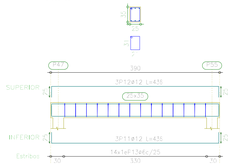
Pórtico 30



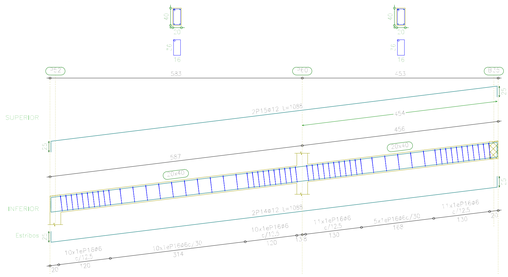
Pórtico 31



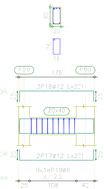
Pórtico 32



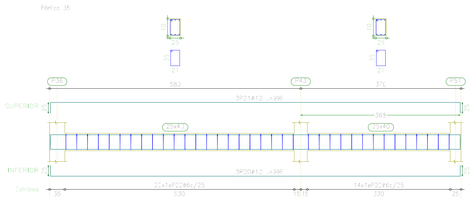
Pórtico 33



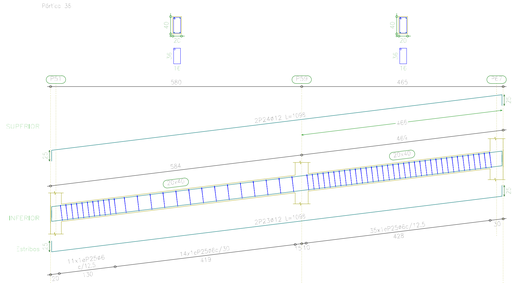
Pórtico 34



Pórtico 35



Pórtico 36



Elemento	Pos.	Diám.	Long.	Cant.	Total	Peso (kg)
Pórtico 30						
	1	ø12	1.00	2	2.00	1.8
	2	ø12	3.50	2	7.00	6.2
	3	ø12	3.50	2	7.00	6.2
	4	ø12	1.00	2	2.00	1.8
	5	ø12	3.50	2	7.00	6.2
	6	ø12	3.50	2	7.00	6.2
	7	ø12	1.00	2	2.00	1.8
	8	ø12	3.50	2	7.00	6.2
	9	ø12	3.50	2	7.00	6.2
	10	ø12	1.00	2	2.00	1.8
					Total	55.0
Pórtico 31						
	11	ø12	1.00	2	2.00	1.8
	12	ø12	3.50	2	7.00	6.2
	13	ø12	3.50	2	7.00	6.2
	14	ø12	1.00	2	2.00	1.8
					Total	16.0
Pórtico 32						
	15	ø12	1.00	2	2.00	1.8
	16	ø12	3.50	2	7.00	6.2
	17	ø12	3.50	2	7.00	6.2
	18	ø12	1.00	2	2.00	1.8
					Total	16.0
Pórtico 33						
	19	ø12	1.00	2	2.00	1.8
	20	ø12	3.50	2	7.00	6.2
	21	ø12	3.50	2	7.00	6.2
	22	ø12	1.00	2	2.00	1.8
					Total	16.0
Pórtico 34						
	23	ø12	1.00	2	2.00	1.8
	24	ø12	3.50	2	7.00	6.2
	25	ø12	3.50	2	7.00	6.2
	26	ø12	1.00	2	2.00	1.8
					Total	16.0
Pórtico 35						
	27	ø12	1.00	2	2.00	1.8
	28	ø12	3.50	2	7.00	6.2
	29	ø12	3.50	2	7.00	6.2
	30	ø12	1.00	2	2.00	1.8
					Total	16.0
Pórtico 36						
	31	ø12	1.00	2	2.00	1.8
	32	ø12	3.50	2	7.00	6.2
	33	ø12	3.50	2	7.00	6.2
	34	ø12	1.00	2	2.00	1.8
					Total	16.0
					ø12	55.0
					ø16	96.0
					ø20	26.4
					ø25	120.0
					Total	297.4

UNIVERSIDAD AUTONOMA "JUAN MISAEL SARACHO"
FACULTAD DE CIENCIAS Y TECNOLOGIA

DISEÑO ESTRUCTURAL
CENTRO CULTURAL
DISTRITO 7

CONTENIDO:
PLANO ESTRUCTURAL VIGAS "PISO 1"

UNIVERSITARIO:
UNIV. AVIZA FLORES ISRAEL

ESCALA: 1:50

LAMINA: 6/16

VoBo

FECHA: FEBRERO/2024