

Engineer: Name
9:55:53 a. m. 27/06/2025

	Length:	L = 4.78 m	a = 0.15 m	Section:	b = 30.0 cm	Sec:	VC-30X45				
		Lu = 4.48 m	c = 0.15 m		h = 45.0 cm	Mat:	RConcrete2				
X, m:	0.15	0.60	1.05	1.49	1.94	2.39	2.84	3.29	3.73	4.18	4.63
Mu(-), ton-m:	-0.52	-0.24	-0.05	0.00	0.00	0.00	0.00	0.00	-0.05	-0.24	-0.52
Mu(+), ton-m:	0.00	0.00	0.02	0.12	0.22	0.25	0.22	0.12	0.02	0.00	0.00
As(-), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92
As(+), cm2:	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92	3.92
Vu, ton:	0.56	0.54	0.41	0.27	0.14	0.00	0.14	0.27	0.41	0.54	0.56
Tu, ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	9.00	9.00	9.00	19.00	19.00	19.00	19.00	19.00	9.00	9.00	9.00
DESIGN											
	K-7			11 #3 @ 9	13 #3 @ 19	11 #3 @ 9					K-

Engineer: Name
9:55:53 a. m. 27/06/2025

	Length:	L = 2.00 m	a = 0.15 m	Section:	b = 30.0 cm	Sec:	VG-30X30				
		Lu = 1.85 m	c = 0.00 m		h = 30.0 cm	Mat:	RConcrete2				
X, m:	0.15	0.34	0.52	0.71	0.89	1.08	1.26	1.45	1.63	1.82	2.00
Mu(-), ton-m:	-4.41	-3.83	-3.28	-2.75	-2.26	-1.80	-1.36	-0.96	-0.59	-0.25	0.00
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
As(-), cm2:	5.19	4.46	3.79	3.16	2.57	2.41	2.41	2.41	2.41	2.41	2.41
As(+), cm2:	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41
Vu, ton:	3.03	3.03	2.91	2.75	2.58	2.42	2.25	2.09	1.92	1.76	1.59
Tu, ton-m:	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
DESIGN		-----									

	M-9	19 #3 @ 10									M-2

Engineer: Name
9:55:53 a. m. 27/06/2025

	Length:	L = 2.00 m	a = 0.15 m	Section:	b = 30.0 cm	Sec:	VG-30X30					
		Lu = 1.85 m	c = 0.00 m		h = 30.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.34	0.52	0.71	0.89	1.08	1.26	1.45	1.63	1.82	2.00	
Mu(-), ton-m:	-4.42	-3.83	-3.28	-2.76	-2.26	-1.80	-1.37	-0.96	-0.59	-0.25	0.00	
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	
As(-), cm2:	5.20	4.47	3.79	3.16	2.58	2.41	2.41	2.41	2.41	2.41	2.41	
As(+), cm2:	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	
Vu, ton:	3.03	3.03	2.92	2.75	2.58	2.42	2.25	2.09	1.92	1.76	1.59	
Tu, ton-m:	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
DESIGN		-----										

	K-9	19 #3 @ 10										K-2

Company: Company

Engineer: Name

Project: IE HECTOR MANUEL VIDES BALLESTEROS (MÓDULO 7)

9:55:53 a. m. 27/06/2025

BEAM: C' (7-9) FLOOR: 2

	Length:	L = 4.78 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X30					
		Lu = 4.48 m	c = 0.15 m		h = 30.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.60	1.05	1.49	1.94	2.39	2.84	3.29	3.73	4.18	4.63	
Mu(-), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-0.82	-1.45	
Mu(+), ton-m:	0.17	0.47	0.66	0.72	0.67	0.50	0.34	0.07	0.01	0.00	0.00	
As(-), cm2:	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.64	
As(+), cm2:	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	
Vu, ton:	0.67	0.54	0.28	0.04	0.26	0.52	0.46	0.73	0.99	1.26	1.38	
Tu, ton-m:	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
DESIGN												

Engineer: Name
9:55:53 a. m. 27/06/2025

	Length:	L = 1.10 m	a = 0.00 m	Section:	b = 20.0 cm	Sec:	VG-20X30					
		Lu = 0.95 m	c = 0.15 m		h = 30.0 cm	Mat:	RConcrete2					
X, m:	0.00	0.10	0.19	0.29	0.38	0.48	0.57	0.67	0.76	0.86	0.95	
Mu(-), ton-m:	-0.07	-0.10	-0.14	-0.19	-0.23	-0.29	-0.34	-0.41	-0.48	-0.55	-0.63	
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
As(-), cm2:	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	
As(+), cm2:	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	
Vu, ton:	0.33	0.38	0.43	0.48	0.53	0.59	0.64	0.69	0.71	0.71	0.71	
Tu, ton-m:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
DESIGN												
A'-1'		10 #3 @ 10										M-1

Company: Company

Engineer: Name

Project: IE HECTOR MANUEL VIDES BALLESTEROS (MÓDULO 7)

9:55:53 a. m. 27/06/2025

BEAM: 1' (M-K) FLOOR: 2

	Length:	L = 4.43 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X30					
		Lu = 4.13 m	c = 0.15 m		h = 30.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.56	0.98	1.39	1.80	2.22	2.63	3.04	3.45	3.87	4.28	
Mu(-), ton-m:	-0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	
Mu(+), ton-m:	0.05	0.35	1.03	1.49	1.75	1.80	1.75	1.49	1.03	0.35	0.05	
As(-), cm2:	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	
As(+), cm2:	1.61	1.61	1.61	1.70	2.01	2.07	2.01	1.70	1.61	1.61	1.61	
Vu, ton:	2.10	1.89	1.37	0.86	0.35	0.16	0.35	0.86	1.38	1.89	2.10	
Tu, ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
DESIGN												
	M-1'	42 #3 @ 10										K-1'

Engineer: Name
9:55:53 a. m. 27/06/2025

	Length:	L = 1.10 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X30					
		Lu = 0.95 m	c = 0.00 m		h = 30.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.25	0.34	0.44	0.53	0.62	0.72	0.81	0.91	1.01	1.10	
Mu(-), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.04	
Mu(+), ton-m:	0.02	0.03	0.04	0.04	0.04	0.03	0.03	0.01	0.00	0.00	0.00	
As(-), cm2:	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	
As(+), cm2:	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	
Vu, ton:	0.05	0.05	0.05	0.03	0.02	0.06	0.10	0.14	0.18	0.21	0.25	
Tu, ton-m:	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
DESIGN		-----										

	K-2'	10 #3 @ 10										C'-2'