

Engineer: Name
9:45:18 a. m. 27/06/2025

	Length:	L = 3.14 m	a = 0.20 m	Section:	b = 30.0 cm	Sec:	VC-30X45					
		Lu = 2.74 m	c = 0.20 m		h = 45.0 cm	Mat:	RConcrete2					
X, m:	0.20	0.47	0.75	1.02	1.30	1.57	1.84	2.12	2.39	2.67	2.94	
Mu(-), ton-m:	-0.35	-0.17	-0.05	0.00	0.00	0.00	0.00	0.00	-0.05	-0.17	-0.35	
Mu(+), ton-m:	0.00	0.00	0.02	0.08	0.14	0.17	0.14	0.08	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:	0.53	0.53	0.44	0.29	0.15	0.00	0.15	0.29	0.44	0.53	0.53	
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	9.00	19.00	19.00	19.00	9.00	9.00	9.00	9.00	
DESIGN												
	G-2	31 #3 @ 9										G-

Engineer: Name
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	Length:	L = 10.55 m	a = 0.20 m	Section:	b = 30.0 cm	Sec:	VC-30X45				
		Lu = 10.15 m	c = 0.20 m		h = 45.0 cm	Mat:	RConcrete2				
X, m:	0.20	1.22	2.23	3.25	4.26	5.28	6.29	7.30	8.32	9.34	10.35
Mu(-), ton-m:	-4.67	-2.20	-0.37	0.00	0.00	0.00	0.00	0.00	-0.37	-2.20	-4.67
Mu(+), ton-m:	0.00	0.00	0.12	1.16	2.01	2.31	2.01	1.16	0.12	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:	2.52	2.18	1.64	1.09	0.55	0.00	0.55	1.09	1.64	2.18	2.52
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	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	9.00
DESIGN											
	E-3			11 #3 @ 9	43 #3 @ 19	11 #3 @ 9					E-3

Engineer: Name
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	Length:	L = 3.14 m	a = 0.20 m	Section:	b = 30.0 cm	Sec:	VC-30X45				
		Lu = 2.74 m	c = 0.20 m		h = 45.0 cm	Mat:	RConcrete2				
X, m:	0.20	0.47	0.75	1.02	1.30	1.57	1.84	2.12	2.39	2.67	2.94
Mu(-), ton-m:	-0.35	-0.17	-0.05	0.00	0.00	0.00	0.00	0.00	-0.05	-0.17	-0.35
Mu(+), ton-m:	0.00	0.00	0.02	0.08	0.14	0.17	0.14	0.08	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:	0.53	0.53	0.44	0.29	0.15	0.00	0.15	0.29	0.44	0.53	0.53
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	9.00	19.00	19.00	19.00	9.00	9.00	9.00	9.00
DESIGN											
	B-2					31 #3 @ 9					B-

Engineer: Name
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	Length:	L = 10.55 m	a = 0.20 m	Section:	b = 30.0 cm	Sec:	VG-30X60					
		Lu = 10.15 m	c = 0.20 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.20	1.22	2.23	3.25	4.26	5.28	6.29	7.30	8.32	9.34	10.35	
Mu(-), ton-m:	-6.90	-3.79	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91	-3.49	-6.23	-9.53	
Mu(+), ton-m:	2.30	1.91	1.91	2.35	2.73	3.40	1.91	3.44	3.20	2.51	3.18	
As(-), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	
Vu, ton:	3.48	3.26	2.78	2.25	1.73	1.39	1.01	2.44	2.97	3.49	3.74	
Tu, ton-m:	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	12.50	12.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	12.50	12.50	
DESIGN		-----										

	G-3	11 #3 @ 12.5 27 #3 @ 27.5 11 #3 @ 12.5									G-2	

Engineer: Name
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	Length:	L = 1.85 m	a = 0.20 m	Section:	b = 30.0 cm	Sec:	VG-30X60				
		Lu = 1.65 m	c = 0.00 m		h = 60.0 cm	Mat:	RConcrete2				
X, m:	0.20	0.37	0.53	0.70	0.86	1.03	1.19	1.36	1.52	1.69	1.85
Mu(-), ton-m:	-12.72	-11.23	-9.80	-8.41	-7.07	-5.78	-4.52	-3.32	-2.15	-1.04	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	0.03
As(-), cm2:	6.46	5.68	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42
Vu, ton:	8.21	8.21	8.21	8.21	8.01	7.73	7.45	7.17	6.88	6.60	6.32
Tu, ton-m:	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50
DESIGN											
	E-5	7 #3 @ 27.5									E-11

Engineer: Name
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	Length:	L = 1.85 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X60					
		Lu = 1.70 m	c = 0.00 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.32	0.49	0.66	0.83	1.00	1.17	1.34	1.51	1.68	1.85	
Mu(-), ton-m:	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mu(+), ton-m:	0.12	0.29	0.43	0.52	0.58	0.59	0.56	0.49	0.38	0.22	0.02	
As(-), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
As(+), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
Vu, ton:	0.40	0.40	0.40	0.40	0.20	0.05	0.30	0.55	0.80	1.06	1.31	
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:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
DESIGN		-----										

	F'-5	7 #3 @ 27.5									F'-11	

Company: Company

Engineer: Name

Project: IE HECTOR MANUEL VIDES BALLESTEROS (MÓDULO 6)

9:45:18 a. m. 27/06/2025

BEAM: E'(1-2) FLOOR: 2

	Length:	L = 9.00 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X60					
		Lu = 8.70 m	c = 0.15 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.15	1.02	1.89	2.76	3.63	4.50	5.37	6.24	7.11	7.98	8.85	
Mu(-), ton-m:	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	
Mu(+), ton-m:	0.27	1.74	2.79	4.52	6.69	7.70	7.39	6.49	4.98	2.97	0.45	
As(-), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
As(+), cm2:	3.62	3.62	3.62	3.62	3.62	3.89	3.73	3.62	3.62	3.62	3.62	
Vu, ton:	1.65	1.39	0.71	2.83	2.18	0.04	0.68	1.37	1.66	2.79	3.23	
Tu, ton-m:	0.09	0.09	0.09	0.04	0.04	0.10	0.10	0.10	0.05	0.05	0.05	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
DESIGN												
	E'-1	33 #3 @ 27.5										E'-2

Engineer: Name
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	Length:	L = 1.85 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X60				
		Lu = 1.70 m	c = 0.00 m		h = 60.0 cm	Mat:	RConcrete2				
X, m:	0.15	0.32	0.49	0.66	0.83	1.00	1.17	1.34	1.51	1.68	1.85
Mu(-), ton-m:	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mu(+), ton-m:	0.00	0.07	0.16	0.23	0.28	0.30	0.30	0.27	0.23	0.15	0.06
As(-), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
As(+), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
Vu, ton:	0.32	0.32	0.32	0.32	0.20	0.06	0.08	0.22	0.36	0.50	0.65
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:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50
DESIGN											
	C'-5					7 #3 @ 27.5					C'-11

Engineer: Name
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	Length:	L = 3.14 m	a = 0.20 m	Section:	b = 30.0 cm	Sec:	VG-30X60					
		Lu = 2.74 m	c = 0.20 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.20	0.47	0.75	1.02	1.30	1.57	1.84	2.12	2.39	2.67	2.94	
Mu(-), ton-m:	-21.89	-19.00	-16.17	-13.39	-10.67	-8.00	-7.55	-9.12	-11.22	-13.43	-15.68	
Mu(+), ton-m:	7.30	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	5.23	
As(-), cm2:	11.44	9.84	8.30	6.81	5.42	5.42	5.42	5.42	5.67	6.83	8.04	
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	
Vu, ton:	13.63	13.63	13.63	13.40	13.18	12.95	11.46	11.28	11.11	11.10	11.10	
Tu, ton-m:	0.26	0.26	0.26	0.26	0.26	0.26	0.04	0.04	0.04	0.04	0.04	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	12.50	12.50	12.50	12.50	12.50	27.50	12.50	12.50	12.50	12.50	12.50	
DESIGN		-----										

	B-2	23 #3 @ 12.5										B-

Engineer: Name
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	Length:	L = 3.14 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X60				
		Lu = 2.84 m	c = 0.15 m		h = 60.0 cm	Mat:	RConcrete2				
X, m:	0.15	0.43	0.72	1.00	1.29	1.57	1.85	2.14	2.42	2.71	2.99
Mu(-), ton-m:	-6.58	-6.54	-6.55	-6.61	-6.72	-6.90	-7.55	-8.20	-8.89	-9.63	-10.41
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:	3.62	3.62	3.62	3.62	3.62	3.62	3.82	4.16	4.52	4.92	5.33
As(+), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
Vu, ton:	0.12	0.12	0.13	0.32	0.52	0.72	2.18	2.35	2.51	2.53	2.62
Tu, ton-m:	0.04	0.04	0.04	0.04	0.04	0.04	0.12	0.12	0.12	0.12	0.12
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50
DESIGN											
	A'-2					11 #3 @ 27.5					A'-2

Engineer: Name
9:45:18 a. m. 27/06/2025

	Length:	L = 2.70 m	a = 0.30 m	Section:	b = 30.0 cm	Sec:	VC-30X45					
		Lu = 2.10 m	c = 0.30 m		h = 45.0 cm	Mat:	RConcrete2					
X, m:	0.30	0.51	0.72	0.93	1.14	1.35	1.56	1.77	1.98	2.19	2.40	
Mu(-), ton-m:	-0.20	-0.09	-0.03	0.00	0.00	0.00	0.00	0.00	-0.03	-0.09	-0.20	
Mu(+), ton-m:	0.00	0.00	0.01	0.04	0.08	0.10	0.08	0.04	0.01	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:	0.35	0.35	0.34	0.23	0.11	0.00	0.11	0.23	0.34	0.35	0.35	
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	9.00	9.00	19.00	9.00	9.00	9.00	9.00	9.00	
DESIGN												
	G-2'	24 #3 @ 9										E-2'

Engineer: Name
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	Length:	L = 2.70 m	a = 0.30 m	Section:	b = 30.0 cm	Sec:	VC-30X45					
		Lu = 2.10 m	c = 0.30 m		h = 45.0 cm	Mat:	RConcrete2					
X, m:	0.30	0.51	0.72	0.93	1.14	1.35	1.56	1.77	1.98	2.19	2.40	
Mu(-), ton-m:	-0.20	-0.09	-0.03	0.00	0.00	0.00	0.00	0.00	-0.03	-0.09	-0.20	
Mu(+), ton-m:	0.00	0.00	0.01	0.04	0.08	0.10	0.08	0.04	0.01	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:	0.35	0.35	0.34	0.23	0.11	0.00	0.11	0.23	0.34	0.35	0.35	
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	9.00	9.00	19.00	9.00	9.00	9.00	9.00	9.00	
DESIGN												

	G-3	24 #3 @ 9										E-3

Engineer: Name
9:45:19 a. m. 27/06/2025

	Length:	L = 1.15 m	a = 0.00 m	Section:	b = 30.0 cm	Sec:	VG-30X60				
		Lu = 0.85 m	c = 0.30 m		h = 60.0 cm	Mat:	RConcrete2				
X, m:	0.00	0.08	0.17	0.25	0.34	0.42	0.51	0.59	0.68	0.76	0.85
Mu(-), ton-m:	0.00	-0.13	-0.30	-0.50	-0.70	-0.91	-1.13	-1.34	-1.57	-1.80	-2.03
Mu(+), ton-m:	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42
Vu, ton:	2.19	2.25	2.31	2.37	2.43	2.49	2.55	2.41	2.41	2.41	2.41
Tu, ton-m:	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50
DESIGN											
	E'-1					4 #3 @ 27.5					D-

Engineer: Name
9:45:19 a. m. 27/06/2025

	Length:	L = 8.48 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X60					
		Lu = 8.18 m	c = 0.15 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.97	1.79	2.60	3.42	4.24	5.06	5.88	6.69	7.51	8.33	
Mu(-), ton-m:	-3.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	-4.32	
Mu(+), ton-m:	0.16	1.46	4.98	7.26	8.34	8.43	8.03	6.63	4.10	0.54	0.00	
As(-), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
As(+), cm2:	3.62	3.62	3.62	3.66	4.23	4.28	4.07	3.62	3.62	3.62	3.62	
Vu, ton:	5.34	4.92	3.71	1.91	0.70	0.52	1.08	2.30	3.91	5.13	5.54	
Tu, ton-m:	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
DESIGN												
D-1'		31 #3 @ 27.5										B-1'

Engineer: Name
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	Length:	L = 8.48 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X60					
		Lu = 8.18 m	c = 0.15 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.97	1.79	2.60	3.42	4.24	5.06	5.88	6.69	7.51	8.33	
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	
Mu(+), ton-m:	1.32	3.71	5.16	6.65	8.11	8.49	8.17	6.76	5.17	3.46	0.77	
As(-), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
As(+), cm2:	3.62	3.62	3.62	3.62	4.11	4.31	4.14	3.62	3.62	3.62	3.62	
Vu, ton:	2.71	2.25	0.92	2.44	1.11	0.23	1.04	2.37	1.27	2.61	3.06	
Tu, ton-m:	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
DESIGN												
	D-2'	31 #3 @ 27.5										B-2'

Company: Company

Engineer: Name

Project: IE HECTOR MANUEL VIDES BALLESTEROS (MÓDULO 6)

9:45:19 a. m. 27/06/2025

BEAM: 2' (B-A') FLOOR: 2

	Length:	L = 2.05 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X60					
		Lu = 1.90 m	c = 0.00 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.34	0.53	0.72	0.91	1.10	1.29	1.48	1.67	1.86	2.05	
Mu(-), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.14	
Mu(+), ton-m:	0.62	0.80	0.93	1.00	1.01	0.97	0.86	0.70	0.48	0.21	0.00	
As(-), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
As(+), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
Vu, ton:	0.26	0.26	0.26	0.21	0.10	0.40	0.71	1.02	1.33	1.64	1.95	
Tu, ton-m:	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
DESIGN												

Company: Company

Engineer: Name

Project: IE HECTOR MANUEL VIDES BALLESTEROS (MÓDULO 6)

9:45:19 a. m. 27/06/2025

BEAM: 3' (B-A') FLOOR: 2

	Length:	L = 2.05 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X60					
		Lu = 1.90 m	c = 0.00 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.15	0.34	0.53	0.72	0.91	1.10	1.29	1.48	1.67	1.86	2.05	
Mu(-), ton-m:	-6.76	-5.86	-5.00	-4.20	-3.45	-2.76	-2.11	-1.52	-0.98	-0.49	-0.05	
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:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
As(+), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	
Vu, ton:	4.12	4.12	4.12	4.08	3.80	3.53	3.25	2.97	2.69	2.42	2.14	
Tu, ton-m:	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	
DESIGN												

Engineer: Name
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	Length:	L = 2.70 m	a = 0.30 m	Section:	b = 30.0 cm	Sec:	VG-30X60				
		Lu = 2.10 m	c = 0.30 m		h = 60.0 cm	Mat:	RConcrete2				
X, m:	0.30	0.51	0.72	0.93	1.14	1.35	1.56	1.77	1.98	2.19	2.40
Mu(-), ton-m:	-4.78	-3.71	-2.67	-1.66	-1.55	-1.55	-1.55	-2.74	-4.36	-6.03	-7.74
Mu(+), ton-m:	7.46	6.13	4.76	3.34	1.91	1.55	1.55	2.08	2.95	3.78	4.58
As(-), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42
Vu, ton:	9.38	9.38	9.38	9.46	9.63	9.80	9.97	10.14	10.21	10.21	10.21
Tu, ton-m:	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
DESIGN											
	G-3	17 #3 @ 12.5									E-3

Engineer: Name
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Engineer: Name
9:45:19 a. m. 27/06/2025

	Length:	L = 8.48 m	a = 0.30 m	Section:	b = 30.0 cm	Sec:	VG-30X60					
		Lu = 7.88 m	c = 0.30 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.30	1.09	1.88	2.66	3.45	4.24	5.03	5.82	6.60	7.39	8.18	
Mu(-), ton-m:	-9.59	-5.44	-2.75	-2.75	-2.75	-2.75	-2.75	-2.75	-4.45	-8.75	-13.76	
Mu(+), ton-m:	3.20	2.75	2.76	3.72	3.84	3.86	3.26	2.75	2.75	2.75	4.59	
As(-), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	7.01	
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	
Vu, ton:	6.22	5.98	5.18	3.65	2.86	2.24	3.79	4.58	6.28	7.07	7.32	
Tu, ton-m:	0.27	0.27	0.27	0.08	0.08	0.08	0.09	0.09	0.52	0.52	0.52	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	12.50	12.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	12.50	12.50	
DESIGN												

	D-5	11 #3 @ 12.5 19 #3 @ 27.5 11 #3 @ 12.5									B-5	

Engineer: Name
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	Length:	L = 8.48 m	a = 0.15 m	Section:	b = 20.0 cm	Sec:	VG-20X60				
		Lu = 8.18 m	c = 0.15 m		h = 60.0 cm	Mat:	RConcrete2				
X, m:	0.15	0.97	1.79	2.60	3.42	4.24	5.06	5.88	6.69	7.51	8.33
Mu(-), ton-m:	-9.01	-4.34	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34
Mu(+), ton-m:	0.00	0.00	0.26	2.65	4.79	6.28	6.54	6.15	5.00	2.92	0.46
As(-), cm2:	4.59	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
As(+), cm2:	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
Vu, ton:	5.57	5.30	4.49	3.00	2.20	1.39	0.10	0.86	2.15	2.96	3.23
Tu, ton-m:	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.13	0.13	0.13
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50
DESIGN											
	D-11'				31 #3 @ 27.5						B-11'

Engineer: Name
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	Length:	L = 8.48 m	a = 0.30 m	Section:	b = 30.0 cm	Sec:	VG-30X60					
		Lu = 7.88 m	c = 0.30 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.30	1.09	1.88	2.66	3.45	4.24	5.03	5.82	6.60	7.39	8.18	
Mu(-), ton-m:	-13.80	-6.96	-2.76	-2.76	-2.76	-2.76	-2.76	-2.76	-2.76	-5.21	-11.47	
Mu(+), ton-m:	4.60	2.76	2.76	2.90	5.47	6.55	5.94	3.83	2.76	2.76	3.82	
As(-), cm2:	7.03	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.80	
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	
Vu, ton:	8.57	7.98	6.57	4.75	2.84	1.22	2.27	4.16	6.06	7.44	7.98	
Tu, ton-m:	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	12.50	12.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	12.50	12.50	
DESIGN		-----										

	D-2	11 #3 @ 12.5 19 #3 @ 27.5 11 #3 @ 12.5									B-	

Engineer: Name
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