

Engineer: Name
10:13:16 a. m. 27/06/2025

	Length:	L = 8.08 m	a = 0.20 m	Section:	b = 30.0 cm	Sec:	VC-30X45				
		Lu = 7.68 m	c = 0.20 m		h = 45.0 cm	Mat:	RConcrete2				
X, m:	0.20	0.97	1.74	2.50	3.27	4.04	4.81	5.58	6.34	7.11	7.88
Mu(-), ton-m:	-1.51	-0.71	-0.13	0.00	0.00	0.00	0.00	0.00	-0.13	-0.71	-1.51
Mu(+), ton-m:	0.00	0.00	0.05	0.37	0.65	0.74	0.65	0.37	0.05	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:	1.04	0.93	0.70	0.46	0.23	0.00	0.23	0.46	0.70	0.93	1.04
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	19.00	19.00	19.00	19.00	19.00	19.00	19.00	9.00	9.00
DESIGN											
	O-7			11 #3 @ 9	30 #3 @ 19	11 #3 @ 9					O-1

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	Length:	L = 2.24 m	a = 0.00 m	Section:	b = 20.0 cm	Sec:	VG-20X60					
		Lu = 2.09 m	c = 0.15 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.00	0.21	0.42	0.63	0.84	1.05	1.25	1.46	1.67	1.88	2.09	
Mu(-), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.16	
Mu(+), ton-m:	0.06	0.30	0.48	0.60	0.67	0.68	0.63	0.52	0.35	0.15	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:	1.31	1.03	0.75	0.47	0.19	0.09	0.37	0.65	0.77	0.77	0.77	
Tu, ton-m:	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	
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'-1'		9 #3 @ 27.5										

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	Length:	L = 1.32 m	a = 0.20 m	Section:	b = 30.0 cm	Sec:	VG-30X60					
		Lu = 1.12 m	c = 0.00 m		h = 60.0 cm	Mat:	RConcrete2					
X, m:	0.20	0.31	0.42	0.54	0.65	0.76	0.87	0.98	1.10	1.21	1.32	
Mu(-), ton-m:	-4.92	-4.40	-3.88	-3.37	-2.87	-2.39	-1.91	-1.44	-0.98	-0.53	-0.09	
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:	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:	4.33	4.33	4.33	4.33	4.33	4.31	4.23	4.14	4.06	3.97	3.89	
Tu, ton-m:	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	
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												
	Q-10	5 #3 @ 27.5										Q-2

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	Length:	L = 8.41 m	a = 0.20 m	Section:	b = 30.0 cm	Sec:	VG-30X60				
		Lu = 8.01 m	c = 0.20 m		h = 60.0 cm	Mat:	RConcrete2				
X, m:	0.20	1.00	1.80	2.60	3.40	4.21	5.01	5.81	6.61	7.41	8.21
Mu(-), ton-m:	-12.89	-6.17	-2.58	-2.58	-2.58	-2.58	-2.58	-2.58	-2.58	-6.17	-12.89
Mu(+), ton-m:	4.30	2.58	5.56	8.19	10.51	11.73	10.51	8.19	5.55	2.58	4.30
As(-), cm2:	6.55	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	6.55
As(+), cm2:	5.42	5.42	5.42	5.42	5.42	5.94	5.42	5.42	5.42	5.42	5.42
Vu, ton:	9.25	8.76	7.68	5.31	4.15	2.98	4.14	5.30	7.67	8.75	9.25
Tu, ton-m:	0.47	0.47	0.47	0.10	0.10	0.10	0.10	0.10	0.47	0.47	0.47
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											
	R-7			11 #3 @ 12.5	19 #3 @ 27.5	11 #3 @ 12.5					O-7

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