FILE NAME: J:\-- INDUSTRIAL SITES\Chevron Fourchon Junction Sparrows Group\Drawings\Current Drawings\S103C -- Load Sheet.dwg PLOT DATE & TIME: Thursday, July 18, 2024 1:56:47 PM

DL-DEAD LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	-1.61	15.48	1.46	19.87
G.B - G.4	0.10	26.73	1.79	24.51
G.C - G.4	0.13	17.55	1.76	24.03
G.D - G.4	0.16	6.89	1.43	19.57
G.E - G.4	0.21	44.65	1.71	23.49
G.A - G.3	-0.79	25.94	-0.68	-9.06
G.B - G.3	0.21	40.90	-0.80	-10.51
G.C - G.3	0.26	27.71	-0.80	-10.57
G.D - G.3	0.31	9.82	-0.67	-8.80
G.E - G.3	0.64	75.00	-0.55	-7.07
G.A - G.2	-0.50	27.01	0.90	12.42
G.B - G.2	0.25	44.68	1.08	15.02
G.C - G.2	0.31	29.67	1.07	14.84
G.D - G.2	0.36	9.65	0.89	12.41
G.E - G.2	1.21	85.46	0.86	12.05
G.A - G.1	-2.07	14.90	-1.69	-22.52
G.B - G.1	0.15	31.24	-2.05	-27.37
G.C - G.1	0.18	18.94	-2.02	-27.02
G.D - G.1	0.22	5.09	-1.65	-21.90
G.E - G.1	0.28	55.73	-2.02	-26.91

CLL-COLLATERAL LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	0.00	0.01	0.00	0.07
G.B - G.4	0.00	1.70	0.34	4.64
G.C - G.4	0.00	1.71	0.34	4.71
G.D - G.4	-0.01	-0.02	0.00	0.00
G.E - G.4	0.00	0.02	0.00	0.00
G.A - G.3	0.00	0.04	0.00	0.08
G.B - G.3	0.00	3.67	-0.15	-1.96
G.C - G.3	0.00	3.71	-0.14	-1.88
G.D - G.3	0.00	-0.03	0.00	0.00
G.E - G.3	0.00	0.03	0.00	0.00
G.A - G.2	0.00	0.04	0.00	0.08
G.B - G.2	0.00	3.88	0.19	2.62
G.C - G.2	0.00	3.92	0.19	2.70
G.D - G.2	0.00	-0.03	0.00	0.00
G.E - G.2	0.00	0.03	0.00	0.00
G.A - G.1	0.00	0.01	0.00	0.07
G.B - G.1	0.00	1.69	-0.40	5.36
G.C - G.1	0.00	1.70	-0.40	-5.29
G.D - G.1	-0.01	-0.03	0.00	0.00
G.E - G.1	0.00	0.03	0.00	0.00

RLL-ROOF LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	0.00	0.03	0.01	0.18
G.B - G.4	0.00	4.08	0.82	11.14
G.C - G.4	0.00	4.11	0.83	11.31
G.D - G.4	-0.01	-0.05	0.00	0.00
G.E - G.4	0.00	0.05	0.00	0.00
G.A - G.3	0.00	0.09	0.01	0.19
G.B - G.3	0.01	8.81	-0.35	-4.70
G.C - G.3	0.00	8.90	-0.34	-4.51
G.D - G.3	0.00	-0.07	0.00	0.00
G.E - G.3	0.00	0.07	0.00	0.00
G.A - G.2	0.00	0.10	0.01	0.20
G.B - G.2	0.01	9.31	0.46	6.28
G.C - G.2	0.00	9.41	0.47	6.47
G.D - G.2	0.00	-0.07	0.00	0.00
G.E - G.2	0.00	0.07	0.00	0.00
G.A - G.1	0.00	0.02	0.01	0.17
G.B - G.1	0.00	4.06	-0.96	-12.86
G.C - G.1	0.00	4.09	-0.95	-12.69
G.D - G.1	-0.02	-0.06	0.00	0.00
G.E - G.1	0.00	0.06	0.00	0.00

CR1-CRANE LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	-0.53	26.69	0.72	11.11
G.B - G.4	0.10	22.00	0.76	12.09
G.C - G.4	0.14	16.00	0.74	11.62
G.D - G.4	0.19	7.64	0.73	11.28
G.E - G.4	0.99	45.34	0.85	13.39
G.A - G.3	-2.06	19.51	0.03	1.75
G.B - G.3	0.08	21.74	0.08	2.84
G.C - G.3	0.12	13.63	0.05	2.30
G.D - G.3	0.16	4.74	0.03	1.87
G.E - G.3	0.20	40.21	0.10	3.35
G.A - G.2	-1.59	44.92	0.42	7.06
G.B - G.2	0.18	40.93	0.47	8.16
G.C - G.2	0.25	28.82	0.44	7.60
G.D - G.2	0.33	13.30	0.42	7.08
G.E - G.2	1.03	80.06	0.51	8.87
G.A - G.1	-2.22	64.10	-1.26	-15.55
G.B - G.1	0.24	56.12	-1.21	-14.56
G.C - G.1	0.36	39.99	-1.23	-15.03
G.D - G.1	0.47	16.84	-1.26	-15.54
G.E - G.1	1.55	114.06	-1.37	-16.53

CR2-CRANE LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	-2.03	7.89	0.32	4.09
G.B - G.4	0.04	12.42	0.36	4.88
G.C - G.4	0.06	6.68	0.34	4.46
G.D - G.4	-0.38	0.70	0.32	4.10
G.E - G.4	0.10	21.59	0.43	5.94
G.A - G.3	-1.73	32.88	-0.40	-5.62
G.B - G.3	0.19	36.20	-0.37	-4.92
G.C - G.3	0.26	22.90	-0.39	-5.34
G.D - G.3	0.33	6.62	-0.40	-5.66
G.E - G.3	0.70	75.04	-0.43	-5.73
G.A - G.2	-0.12	96.18	0.71	9.39
G.B - G.2	0.36	75.96	0.72	9.64
G.C - G.2	0.51	57.87	0.71	9.52
G.D - G.2	0.65	33.08	0.71	9.55
G.E - G.2	5.10	154.30	0.75	10.24
G.A - G.1	-3.58	13.34	-0.67	-9.19
G.B - G.1	0.06	21.14	-0.67	-9.12
G.C - G.1	0.09	11.22	-0.66	-9.07
G.D - G.1	-0.78	0.92	-0.65	-8.85
G.E - G.1	0.17	36.54	-0.73	-9.88

CR3-CRANE LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	-2.39	7.01	0.22	2.18
G.B - G.4	0.04	13.02	0.25	2.85
G.C - G.4	0.06	6.53	0.23	2.47
G.D - G.4	-0.74	-0.18	0.22	2.25
G.E - G.4	0.10	22.21	0.34	4.09
G.A - G.3	-1.06	50.22	-0.29	-4.68
G.B - G.3	0.25	47.39	-0.27	-4.13
G.C - G.3	0.34	32.58	-0.28	-4.46
G.D - G.3	0.43	13.68	-0.29	-4.59
G.E - G.3	2.21	98.86	-0.35	-5.18
G.A - G.2	-0.78	78.89	0.82	10.39
G.B - G.2	0.30	64.74	0.82	10.49
G.C - G.2	0.43	48.20	0.82	10.48
G.D - G.2	0.55	26.04	0.83	10.68
G.E - G.2	3.60	130.48	0.84	10.82
G.A - G.1	-3.22	14.19	-0.78	-11.10
G.B - G.1	0.06	20.55	-0.78	-11.15
G.C - G.1	0.09	11.35	-0.77	-11.05
G.D - G.1	-0.44	1.76	-0.75	10.71
G.E - G.1	0.17	35.93	-0.83	-11.74

CR>-CRANE LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	-0.66	-2.91	-3.70	-83.85
G.B - G.4	0.00	-0.58	-3.66	-82.84
G.C - G.4	0.00	-1.16	-2.45	-55.51
G.D - G.4	-0.64	-3.01	-3.16	-71.54
G.E - G.4	0.00	0.03	-3.23	-73.48
G.A - G.3	-0.07	0.56	-4.30	-92.02
G.B - G.3	0.00	0.86	-4.25	-90.93
G.C - G.3	0.00	0.47	-2.85	-60.96
G.D - G.3	-0.08	0.45	-3.67	-78.48
G.E - G.3	0.00	0.52	-3.88	-82.21
G.A - G.2	0.00	0.48	-4.28	-91.77
G.B - G.2	0.04	-0.64	-4.23	-90.72
G.C - G.2	0.00	-0.37	-2.84	-60.87
G.D - G.2	0.00	-0.39	-3.64	-78.09
G.E - G.2	0.04	-0.33	-3.86	-82.05
G.A - G.1	0.00	2.82	-3.65	-83.24
G.B - G.1	0.67	0.37	-3.61	-82.30
G.C - G.1	0.00	1.06	-2.42	-55.25
G.D - G.1	0.00	2.95	-3.10	-70.60
G.E - G.1	0.70	-0.24	-3.19	-72.94

CR<-CRANE LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	0.00	2.60	3.70	83.79
G.B - G.4	0.49	0.88	3.65	82.76
G.C - G.4	0.00	1.16	2.45	55.52
G.D - G.4	0.00	3.03	3.88	87.83
G.E - G.4	0.51	0.60	3.92	89.05
G.A - G.3	0.00	-0.58	4.30	92.02
G.B - G.3	0.07	0.84	4.25	90.87
G.C - G.3	0.00	-0.47	2.85	60.97
G.D - G.3	0.00	-0.60	4.51	96.44
G.E - G.3	0.07	-0.60	4.70	99.72
G.A - G.2	-0.02	0.52	4.28	91.86
G.B - G.2	0.00	0.60	4.23	90.68
G.C - G.2	0.00	0.37	2.84	60.87
G.D - G.2	-0.02	0.55	4.49	96.24
G.E - G.2	0.00	0.33	4.69	99.60
G.A - G.1	-0.56	-2.54	3.66	83.39
G.B - G.1	0.00	-0.64	3.61	82.30
G.C - G.1	0.00	-1.06	2.42	55.25
G.D - G.1	-0.54	-2.99	3.83	87.34
G.E - G.1	0.00	-0.34	3.87	88.62

WLX>-WIND LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	-53.71	-95.95	-0.11	-2.42
G.B - G.4	-1.40	70.72	-4.96	-66.89
G.C - G.4	-1.40	-25.24	-5.08	-69.46
G.D - G.4	-51.38	-93.75	-0.09	-2.03
G.E - G.4	-1.35	93.74	0.04	0.85
G.A - G.3	-74.47	-137.65	-0.09	-1.99
G.B - G.3	-1.39	82.95	2.22	29.87
G.C - G.3	-1.39	-54.69	2.11	27.69
G.D - G.3	-70.79	-134.12	-0.06	-1.16
G.E - G.3	-1.30	134.13	0.03	0.65
G.A - G.2	-76.39	-141.52	-0.05	-1.05
G.B - G.2	-1.39	83.72	-2.83	-38.91
G.C - G.2	-1.39	-57.79	-2.87	-39.74
G.D - G.2	-72.58	-137.88	0.02	0.46
G.E - G.2	-1.30	137.89	0.00	-0.04
G.A - G.1	-56.08	-100.65	-0.01	-0.22
G.B - G.1	-1.40	75.57	5.84	78.00
G.C - G.1	-1.40	-25.10	5.84	77.93
G.D - G.1	-53.66	-98.51	0.07	1.59
G.E - G.1	-1.34	98.50	-0.02	-0.34

WLX<-WIND LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	1.34	94.55	-0.02	-0.59
G.B - G.4	51.77	-119.81	-5.12	-70.44
G.C - G.4	1.39	-25.24	-5.08	-69.46
G.D - G.4	1.39	95.73	0.07	1.50
G.E - G.4	53.64	-95.73	-0.07	-1.49
G.A - G.3	1.29	134.73	-0.03	-0.63
G.B - G.3	71.16	-189.40	2.11	27.68
G.C - G.3	1.37	-54.69	2.11	27.69
G.D - G.3	1.37	136.42	0.05	1.02
G.E - G.3	73.83	-136.42	-0.04	-0.83
G.A - G.2	1.28	138.43	-0.06	-1.17
G.B - G.2	72.96	-196.19	-2.79	-38.05
G.C - G.2	1.37	-57.79	-2.87	-39.74
G.D - G.2	1.37	140.18	-0.02	-0.38
G.E - G.2	75.69	-140.19	0.01	0.14
G.A - G.1	1.33	99.41	-0.05	-1.01
G.B - G.1	54.10	-124.52	5.96	80.62
G.C - G.1	1.39	-25.10	5.84	77.93
G.D - G.1	1.39	100.59	-0.05	-0.99
G.E - G.1	56.06	-100.58	0.05	1.01

WLZ>-WIND LOAD

NODE LABEL	- X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	-53.71	-95.95	-0.11	-2.42
G.B - G.4	-1.40	70.72	-4.96	-66.89
G.C - G.4	-1.40	-25.24	-5.08	-69.46
G.D - G.4	-51.38	-93.75	-0.09	-2.03
G.E - G.4	-1.35	93.74	0.04	0.85
G.A - G.3	-74.47	-137.65	-0.09	-1.99
G.B - G.3	-1.39	82.95	2.22	29.87
G.C - G.3	-1.39	-54.69	2.11	27.69
G.D - G.3	-70.79	-134.12	-0.06	-1.16
G.E - G.3	-1.30	134.13	0.03	0.65
G.A - G.2	-76.39	-141.52	-0.05	-1.05
G.B - G.2	-1.39	83.72	-2.83	-38.91
G.C - G.2	-1.39	-57.79	-2.87	-39.74
G.D - G.2	-72.58	-137.88	0.02	0.46
G.E - G.2	-1.30	1.7.89	0.00	-0.04
G.A - G.1	-56.08	-100.65	-0.01	-0.22
G.B - G.1	-1.40	75.57	5.84	78.00
G.C - G.1	-1.40	-25.10	5.84	77.93
G.D - G.1	-53.66	-98.51	0.07	1.59
G.E - G.1	-1.34	98.50	-0.02	-0.34

WLZ<-WIND LOAD

NODE LABEL	+ X (K)	- Z (K)	- Y (K)	MX (K-FT)
G.A - G.4	1.34	94.55	-0.02	-0.59
G.B - G.4	51.77	-119.81	-5.12	-70.44
G.C - G.4	1.39	-25.24	-5.08	-69.46
G.D - G.4	1.39	95.73	0.07	1.50
G.E - G.4	53.64	-95.73	-0.07	-1.49
G.A - G.3	1.29	134.73	-0.03	-0.63
G.B - G.3	71.16	-189.40	2.11	27.68
G.C - G.3	1.37	-54.69	2.11	27.69
G.D - G.3	1.37	136.42	0.05	1.02
G.E - G.3	73.83	-136.42	-0.04	-0.83
G.A - G.2	1.28	138.43	-0.06	-1.17
G.B - G.2	12.96	-196.19	-2.79	-38.05
G.C - G.2	1.37	-57.79	-2.87	-39.74
G.D - G.2	1.37	140.18	-0.02	-0.38
G.E - G.2	75.69	-140.19	0.01	0.14
G.A - G.1	1.33	99.41	-0.05	-1.01
G.B - G.1	54.10	-124.52	5.96	80.62
G.C - G.1	1.39	-25.10	5.84	77.93
G.D - G.1	1.39	100.59	-0.05	-0.99
G.E - G.1	56.06	-100.58	0.05	1.01

Load Case	
DL	Dead load
CLL	Collateral oad
RLL	Roof Load
CR1	Crane load 15 ton loaded at line G.1, and 5ton crane loaded at line G.4
CR2	Crane load 15 ton loaded+ 5ton crane in adjacent bay at line G.2
CR3	Crane load 5 ton loaded+ 5ton crane in adjacent bay at line G.3
CR>	Crane lateral load Z +ve
CR<	Crane lateral load Z -ve
WLx>	Wind load X +ve
WLx<	Wind load X-ve
WLz>	Wind load Z+ve
WLz<	Wind load Z-ve

Wind loads are un factored load

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW CRANE SUPPORT STRUCTURE
SHELL OIL
FOURCHON JUNCTION RAISED FACILITY
FOURCHON, LA.

JOB No:	2400	DATE:	07-18-24
DRAWN BY:	CKD	CHECKED BY:	CDC

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