



Bokstas 45m

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Job No	Sheet No	Rev
	17	
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By	Date	Chd
	29-Feb-16	
Client	File	Date/Time
	1.std	14-Mar-2016 15:17

Beam Loads : 4 VEJAS PAGAL Z I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
154	UNI	kN/m	GZ	-0.090	-	-	-
155	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
156	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
157	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
158	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
159	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
160	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
161	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
162	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
163	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
164	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
165	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
166	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
221	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
222	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
223	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
224	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
225	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
226	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
227	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
228	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
229	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
230	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
231	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
232	UNI	kN/m	GY	-0.090	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-



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Beam Loads : 4 VEJAS PAGAL Z I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
233	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
234	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
235	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
236	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
237	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
238	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
239	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
240	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
241	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
242	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
243	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
244	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
245	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
246	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
247	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
248	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
303	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
304	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
305	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
306	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
307	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
308	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
309	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
310	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.090	-	-	-	-
311	UNI kN/m	GY	-0.080	-	-	-	-



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Beam Loads : 4 VEJAS PAGAL Z I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
311	UNI	kN/m	GZ	-0.090	-	-	-
312	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
313	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
314	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
315	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
316	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
317	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
318	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
319	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
320	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
321	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
322	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
323	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
324	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
325	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
326	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
327	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
328	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
329	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-
330	UNI	kN/m	GY	-0.080	-	-	-
	UNI	kN/m	GZ	-0.090	-	-	-

Selfweight : 4 VEJAS PAGAL Z I APLEDEJ

Direction	Factor
Y	-1.100



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Node Loads : 5 VEJAS KAMPU I APLEDEJ

Node	FX (kN)	FY (kN)	FZ (kN)	MX (kNm)	MY (kNm)	MZ (kNm)
117	-	-0.140	-0.640	-	-	-
120	-	-0.140	-0.640	-	-	-
124	-	-0.780	-2.360	-	-	-
128	-	-0.780	-2.360	-	-	-
129	-	-0.140	-0.640	-	-	-
132	-	-0.780	-2.360	-	-	-
141	-	0.830	-0.400	-	-	-
144	-	0.830	-0.400	-	-	-

Beam Loads : 5 VEJAS KAMPU I APLEDEJ

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
1	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
2	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
3	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
4	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
5	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
6	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
7	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
8	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
9	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
10	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
11	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-
	UNI	kN/m	GX	-0.030	-	-	-
12	UNI	kN/m	GY	-0.100	-	-	-
	UNI	kN/m	GZ	-0.030	-	-	-



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Beam Loads : 5 VEJAS KAMPU I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
12	UNI kN/m	GX	-0.030	-	-	-	-
13	UNI kN/m	GY	-0.100	-	-	-	-
	UNI kN/m	GZ	-0.030	-	-	-	-
	UNI kN/m	GX	-0.030	-	-	-	-
14	UNI kN/m	GY	-0.100	-	-	-	-
	UNI kN/m	GZ	-0.030	-	-	-	-
	UNI kN/m	GX	-0.030	-	-	-	-
15	UNI kN/m	GY	-0.100	-	-	-	-
	UNI kN/m	GZ	-0.030	-	-	-	-
	UNI kN/m	GX	-0.030	-	-	-	-
16	UNI kN/m	GY	-0.100	-	-	-	-
	UNI kN/m	GZ	-0.030	-	-	-	-
	UNI kN/m	GX	-0.030	-	-	-	-
45	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
46	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
47	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
48	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
49	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
50	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
51	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
52	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
53	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
54	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
55	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
56	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-



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Beam Loads : 5 VEJAS KAMPU I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
59	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
60	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
61	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
62	UNI kN/m	GY	-0.110	-	-	-	-
	UNI kN/m	GZ	-0.050	-	-	-	-
	UNI kN/m	GX	-0.050	-	-	-	-
93	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
94	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
95	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
96	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
97	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
98	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
99	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
100	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
101	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
102	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
103	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
104	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
105	UNI kN/m	GY	-0.127	-	-	-	-



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Beam Loads : 5 VEJAS KAMPU I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
105	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
106	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
107	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
108	UNI kN/m	GY	-0.127	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
139	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
140	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
141	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
142	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
143	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
144	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
145	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
146	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
147	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
148	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
149	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
150	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
151	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-



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Beam Loads : 5 VEJAS KAMPU I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
151	UNI kN/m	GX	-0.070	-	-	-	-
152	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
153	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
154	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
155	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
156	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
157	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
158	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
159	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
160	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
161	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
162	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
163	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
164	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
165	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
166	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
221	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-



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Beam Loads : 5 VEJAS KAMPU I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
222	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
223	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
224	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
225	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
226	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
227	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
228	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
229	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
230	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
231	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
232	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
233	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
234	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
235	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
236	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
237	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
238	UNI kN/m	GY	-0.090	-	-	-	-



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Beam Loads : 5 VEJAS KAMPU I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
238	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
239	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
240	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
241	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
242	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
243	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
244	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
245	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
246	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
247	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
248	UNI kN/m	GY	-0.090	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
303	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
304	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
305	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
306	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
307	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
308	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-



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Beam Loads : 5 VEJAS KAMPU I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
308	UNI kN/m	GX	-0.070	-	-	-	-
309	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
310	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
311	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
312	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
313	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
314	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
315	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
316	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
317	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
318	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
319	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
320	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
321	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
322	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
323	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
324	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-



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Beam Loads : 5 VEJAS KAMPU I APLEDEJ Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
325	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
326	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
327	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
328	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
329	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-
330	UNI kN/m	GY	-0.080	-	-	-	-
	UNI kN/m	GZ	-0.070	-	-	-	-
	UNI kN/m	GX	-0.070	-	-	-	-

Selfweight : 5 VEJAS KAMPU I APLEDEJ

Direction	Factor
Y	-1.100

Nodes

Node	X (m)	Y (m)	Z (m)
1	2.100	0.000	-2.100
2	2.100	0.000	2.100
3	-2.100	0.000	2.100
4	-2.100	0.000	-2.100
5	1.968	5.374	-1.968
6	1.968	5.374	1.968
7	-1.968	5.374	1.968
8	-1.968	5.374	-1.968
9	2.051	1.999	-2.051
10	2.051	1.999	2.051
11	-2.051	1.999	2.051
12	-2.051	1.999	-2.051
13	2.009	3.686	-2.009
14	2.009	3.686	2.009
15	-2.009	3.686	2.009
16	-2.009	3.686	-2.009
17	2.075	0.999	-2.075
18	2.075	0.999	2.075
19	-2.075	0.999	2.075



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Nodes Cont...

Node	X (m)	Y (m)	Z (m)
20	-2.075	0.999	-2.075
21	1.795	10.320	-1.795
22	1.795	10.320	1.795
23	-1.795	10.320	1.795
24	-1.795	10.320	-1.795
25	1.898	7.372	-1.898
26	1.898	7.372	1.898
27	-1.898	7.372	1.898
28	-1.898	7.372	-1.898
29	1.847	8.846	-1.847
30	1.847	8.846	1.847
31	-1.847	8.846	1.847
32	-1.847	8.846	-1.847
33	1.933	6.373	-1.933
34	1.933	6.373	1.933
35	-1.933	6.373	1.933
36	-1.933	6.373	-1.933
37	1.635	15.110	-1.635
38	1.635	15.110	1.635
39	-1.635	15.110	1.635
40	-1.635	15.110	-1.635
41	1.725	12.418	-1.725
42	1.725	12.418	1.725
43	-1.725	12.418	1.725
44	-1.725	12.418	-1.725
45	1.680	13.764	-1.680
46	1.680	13.764	1.680
47	-1.680	13.764	1.680
48	-1.680	13.764	-1.680
49	1.760	11.369	-1.760
50	1.760	11.369	1.760
51	-1.760	11.369	1.760
52	-1.760	11.369	-1.760
53	1.275	25.040	-1.275
54	1.275	25.040	1.275
55	-1.275	25.040	1.275
56	-1.275	25.040	-1.275
57	1.548	17.510	-1.548
58	1.548	17.510	1.548
59	-1.548	17.510	1.548
60	-1.548	17.510	-1.548
61	1.330	23.534	-1.330
62	1.384	22.028	-1.384
63	1.439	20.522	-1.439
64	1.493	19.016	-1.493
65	1.330	23.534	1.330
66	1.384	22.028	1.384
67	1.439	20.522	1.439
68	1.493	19.016	1.493



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Nodes Cont...

Node	X (m)	Y (m)	Z (m)
69	-1.330	23.534	1.330
70	-1.384	22.028	1.384
71	-1.439	20.522	1.439
72	-1.493	19.016	1.493
73	-1.330	23.534	-1.330
74	-1.384	22.028	-1.384
75	-1.439	20.522	-1.439
76	-1.493	19.016	-1.493
77	1.592	16.310	-1.592
78	1.592	16.310	1.592
79	-1.592	16.310	1.592
80	-1.592	16.310	-1.592
81	0.905	35.364	-0.905
82	0.905	35.364	0.905
83	-0.905	35.364	0.905
84	-0.905	35.364	-0.905
85	1.169	27.986	-1.169
86	1.169	27.986	1.169
87	-1.169	27.986	1.169
88	-1.169	27.986	-1.169
89	1.117	29.462	-1.117
90	1.064	30.937	-1.064
91	1.011	32.413	-1.011
92	0.958	33.888	-0.958
93	1.117	29.462	1.117
94	1.064	30.937	1.064
95	1.011	32.413	1.011
96	0.958	33.888	0.958
97	-1.117	29.462	1.117
98	-1.064	30.937	1.064
99	-1.011	32.413	1.011
100	-0.958	33.888	0.958
101	-1.117	29.462	-1.117
102	-1.064	30.937	-1.064
103	-1.011	32.413	-1.011
104	-0.958	33.888	-0.958
105	1.222	26.513	-1.222
106	1.222	26.513	1.222
107	-1.222	26.513	1.222
108	-1.222	26.513	-1.222
109	0.664	47.000	-0.664
110	0.664	47.000	0.664
111	-0.664	47.000	0.664
112	-0.664	47.000	-0.664
113	0.837	38.664	-0.837
114	0.837	38.664	0.837
115	-0.837	38.664	0.837
116	-0.837	38.664	-0.837
117	0.699	45.333	-0.699



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Job No	Sheet No 31	Rev
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Job Title

Client

Nodes Cont...

Node	X (m)	Y (m)	Z (m)
118	0.733	43.665	-0.733
119	0.768	41.998	-0.768
120	0.802	40.331	-0.802
121	0.699	45.333	0.699
122	0.733	43.665	0.733
123	0.768	41.998	0.768
124	0.802	40.331	0.802
125	-0.699	45.333	0.699
126	-0.733	43.665	0.733
127	-0.768	41.998	0.768
128	-0.802	40.331	0.802
129	-0.699	45.333	-0.699
130	-0.733	43.665	-0.733
131	-0.768	41.998	-0.768
132	-0.802	40.331	-0.802
133	0.871	37.014	-0.871
134	0.871	37.014	0.871
135	-0.871	37.014	0.871
136	-0.871	37.014	-0.871
137	-1.299	45.333	0.699
138	-1.299	45.333	-0.699
139	1.299	45.333	-0.699
140	1.299	45.333	0.699
141	-1.299	45.333	1.299
142	-0.699	45.333	1.299
143	0.699	45.333	1.299
144	1.299	45.333	1.299
145	-1.299	45.333	-1.299
146	-0.699	45.333	-1.299
147	0.699	45.333	-1.299
148	1.299	45.333	-1.299