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 PROGRAM CFRAME V02.05 24JUL84  
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RUN DATE = 12/11/ 8  
 RUN TIME = 20.19.48

Frame Line 2 3 & 5

1 \*\*\* JOINT DATA \*\*\*

JOINT	X	Y	-----FIXITY-----					
			X	Y	R	KX	KY	KR
1	.00	.00	*	*				
2	.00	288.00						
3	300.00	313.00						
4	600.00	288.00						
5	600.00	.00	*	*				

1 \*\*\* MEMBER DATA \*\*\*

MEMBER	END END		LENGTH	I	A	AS	E	G
	A	B						
1	1	2	288.00	.8000E+03	.1470E+02	.1470E+02	.2900E+05	.1115E+05
2	2	3	301.04	.1530E+04	.2530E+02	.2530E+02	.2900E+05	.1115E+05
3	3	4	301.04	.1530E+04	.2530E+02	.2530E+02	.2900E+05	.1115E+05
4	4	5	288.00	.8000E+03	.1470E+02	.1470E+02	.2900E+05	.1115E+05

1 \*\*\* LOAD CASE 1 Wind Horz.

MEMBER	LA	PA	LB	PB	ANGLE
1	.00	.6080E-01	288.00	.6080E-01	.00
4	.00	.6080E-01	288.00	.6080E-01	.00

JOINT	FORCE X	FORCE Y	MOMENT
2	.0000E+00	.4890E+02	.0000E+00
4	.0000E+00	.4890E+02	.0000E+00

1 \*\*\* LOAD CASE 2 Wind Vert.

MEMBER	LA	PA	LB	PB	ANGLE
2	.00	.7670E-01	301.04	.7670E-01	.00
3	.00	.7670E-01	301.04	.7670E-01	.00

JOINT      FORCE X      FORCE Y      MOMENT

1                      LOAD CASE      1    Wind Horz.

JOINT	JOINT DISPLACEMENTS		
	DX	DY	DR
1	.0000E+00	.0000E+00	-.2393E-02
2	.3029E-01	.3304E-01	.1852E-02
3	.0000E+00	.3507E+00	.0000E+00
4	-.3029E-01	.3304E-01	-.1852E-02
5	.0000E+00	.0000E+00	.2393E-02

MEMBER END FORCES

MEMBER	JOINT	AXIAL	SHEAR	MOMENT	MOMENT	LOCATION
					EXTREMA	
1	1	.4890E+02	.8211E+01	.0000E+00	.5543E+03	132.48
	2	.4890E+02	.9299E+01	-.1567E+03	-.1567E+03	288.00
2	2	-.9267E+01	-.7723E+00	-.1567E+03	-.1567E+03	.00
	3	-.9267E+01	.7723E+00	-.3892E+03	-.3892E+03	301.04
3	3	-.9267E+01	.7723E+00	-.3892E+03	-.1567E+03	301.04
	4	-.9267E+01	-.7723E+00	-.1567E+03	-.3892E+03	.00
4	4	.4890E+02	.9299E+01	-.1567E+03	.5543E+03	155.52
	5	.4890E+02	.8211E+01	.0000E+00	-.1567E+03	.00

JOINT	STRUCTURE REACTIONS		
	FORCE X	FORCE Y	MOMENT
1	-.8211E+01	-.4890E+02	.0000E+00
5	.8211E+01	-.4890E+02	.0000E+00

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TOTAL      .0000E+00      -.9780E+02

1                      LOAD CASE      2    Wind Vert.

JOINT	JOINT DISPLACEMENTS		
	DX	DY	DR
1	.0000E+00	.0000E+00	.3302E-02
2	-.1137E+00	-.1555E-01	-.5509E-02
3	.0000E+00	-.1414E+01	.0000E+00
4	.1137E+00	-.1555E-01	.5509E-02
5	.0000E+00	.0000E+00	-.3302E-02

FrameOut 234

MEMBER END FORCES

MEMBER	JOINT	AXIAL	SHEAR	MOMENT	MOMENT EXTREMA	LOCATION
1	1	-.2301E+02	-.4929E+01	.0000E+00	.0000E+00	.00
	2	-.2301E+02	.4929E+01	-.1419E+04	-.1419E+04	288.00
2	2	-.6823E+01	.2252E+02	-.1419E+04	.1887E+04	295.02
	3	-.6823E+01	.5685E+00	.1885E+04	-.1419E+04	.00
3	3	-.6823E+01	.5685E+00	.1885E+04	.1887E+04	6.02
	4	-.6823E+01	.2252E+02	-.1419E+04	-.1419E+04	301.04
4	4	-.2301E+02	.4929E+01	-.1419E+04	.0000E+00	288.00
	5	-.2301E+02	-.4929E+01	.0000E+00	-.1419E+04	.00

JOINT	STRUCTURE REACTIONS		
	FORCE X	FORCE Y	MOMENT
1	.4929E+01	.2301E+02	.0000E+00
5	-.4929E+01	.2301E+02	.0000E+00

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TOTAL .0000E+00 .4602E+02

1 MEMBER END FORCES

MEMBER	LOAD CASE	JOINT	AXIAL	SHEAR	MOMENT	MOMENT EXTREMA	LOCATION
1	1	1	.4890E+02	.8211E+01	.0000E+00	.5543E+03	132.48
		2	.4890E+02	.9299E+01	-.1567E+03	-.1567E+03	288.00
	2	1	-.2301E+02	-.4929E+01	.0000E+00	.0000E+00	.00
		2	-.2301E+02	.4929E+01	-.1419E+04	-.1419E+04	288.00
2	1	2	-.9267E+01	-.7723E+00	-.1567E+03	-.1567E+03	.00
		3	-.9267E+01	.7723E+00	-.3892E+03	-.3892E+03	301.04
	2	2	-.6823E+01	.2252E+02	-.1419E+04	.1887E+04	295.02
		3	-.6823E+01	.5685E+00	.1885E+04	-.1419E+04	.00
3	1	3	-.9267E+01	.7723E+00	-.3892E+03	-.1567E+03	301.04
		4	-.9267E+01	-.7723E+00	-.1567E+03	-.3892E+03	.00
	2	3	-.6823E+01	.5685E+00	.1885E+04	.1887E+04	6.02
		4	-.6823E+01	.2252E+02	-.1419E+04	-.1419E+04	301.04
4	1	4	.4890E+02	.9299E+01	-.1567E+03	.5543E+03	155.52
		5	.4890E+02	.8211E+01	.0000E+00	-.1567E+03	.00
	2	4	-.2301E+02	.4929E+01	-.1419E+04	.0000E+00	288.00
		5	-.2301E+02	-.4929E+01	.0000E+00	-.1419E+04	.00