

Bentley® Software licensed to Connected User: Bhavesh Bajaj	Job No.	Sheet No. 1	Rev
Job Title	Part	Ref	
Client	By	Date 02-Aug-25	Chd
File Structure2.std	Date Time 02-Aug-2025 17:47		

Job Information

	Engineer	Checked	Approved
Name:			
Date:	02-Aug-25		

Comments:	
Structure Type:	SPACE FRAME

Geometry

Entity Type	Count	Highest
Nodes	2	2
Analytical Members	1	2

Load Cases

Load Case Type	Count
Primary	1

Included in this printout are data for:

All	The Whole Structure
-----	---------------------

Load Case Table

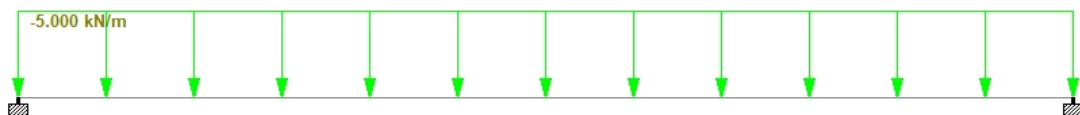
Included in this printout are results for load cases:

L/C	Type	Name
1	Primary	DL

Reactions

		Horizontal	Vertical	Horizontal	Moment		
Node	L/C	FX (kN)	FY (kN)	FZ (kN)	MX (kN-m)	MY (kN-m)	MZ (kN-m)
1	1	0.000	20.000	0.000	0.000	0.000	26.667
2	1	0.000	20.000	0.000	0.000	0.000	-26.667

Bentley® Software licensed to Connected User: Bhavesh Bajaj	Job No.	Sheet No. 2	Rev
Job Title	Part	Ref	
Client	By	Date 02-Aug-25	Chd
File Structure2.std	Date Time 02-Aug-2025 17:47		



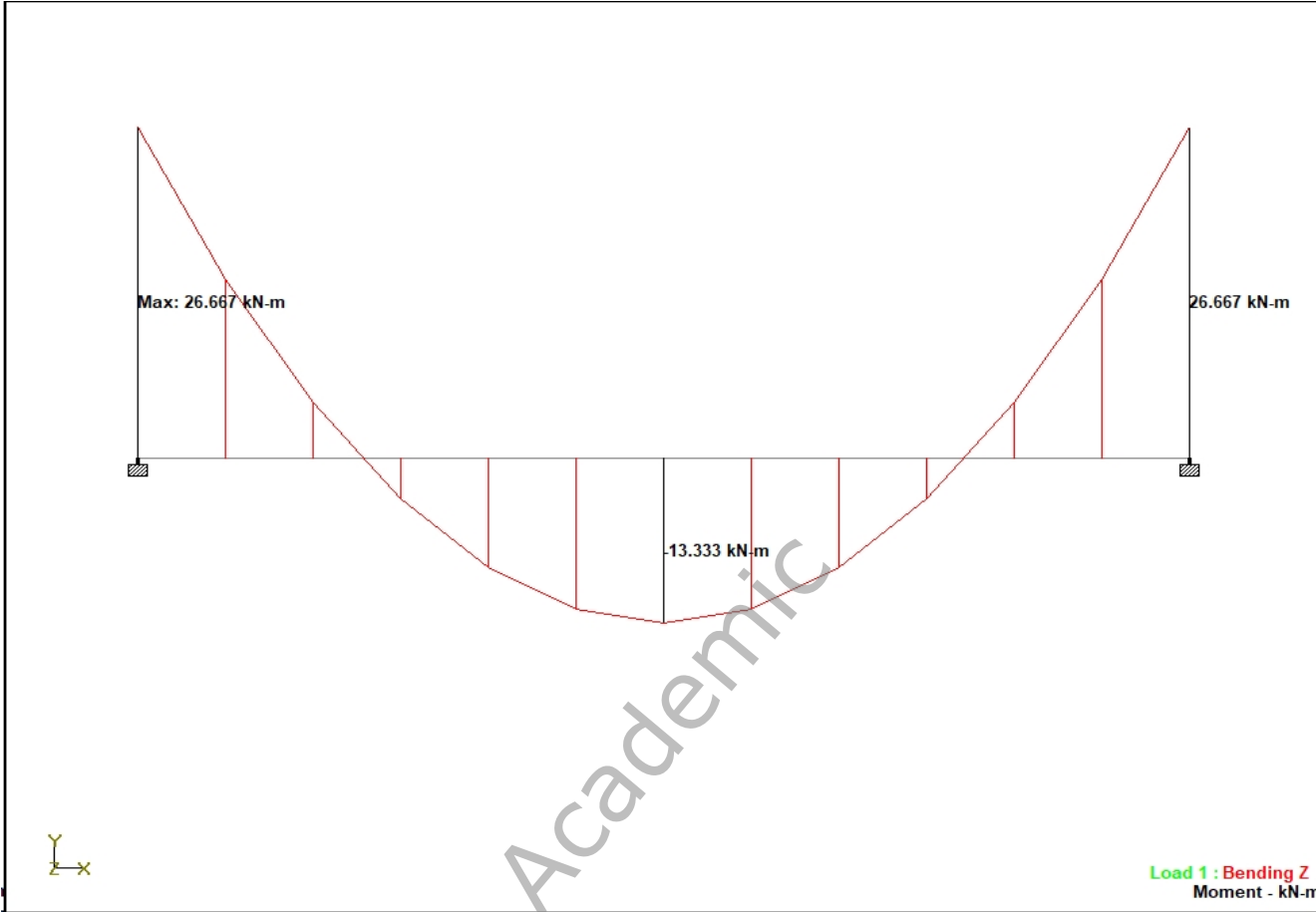
Load 1

Loading condition

Beam Force Detail

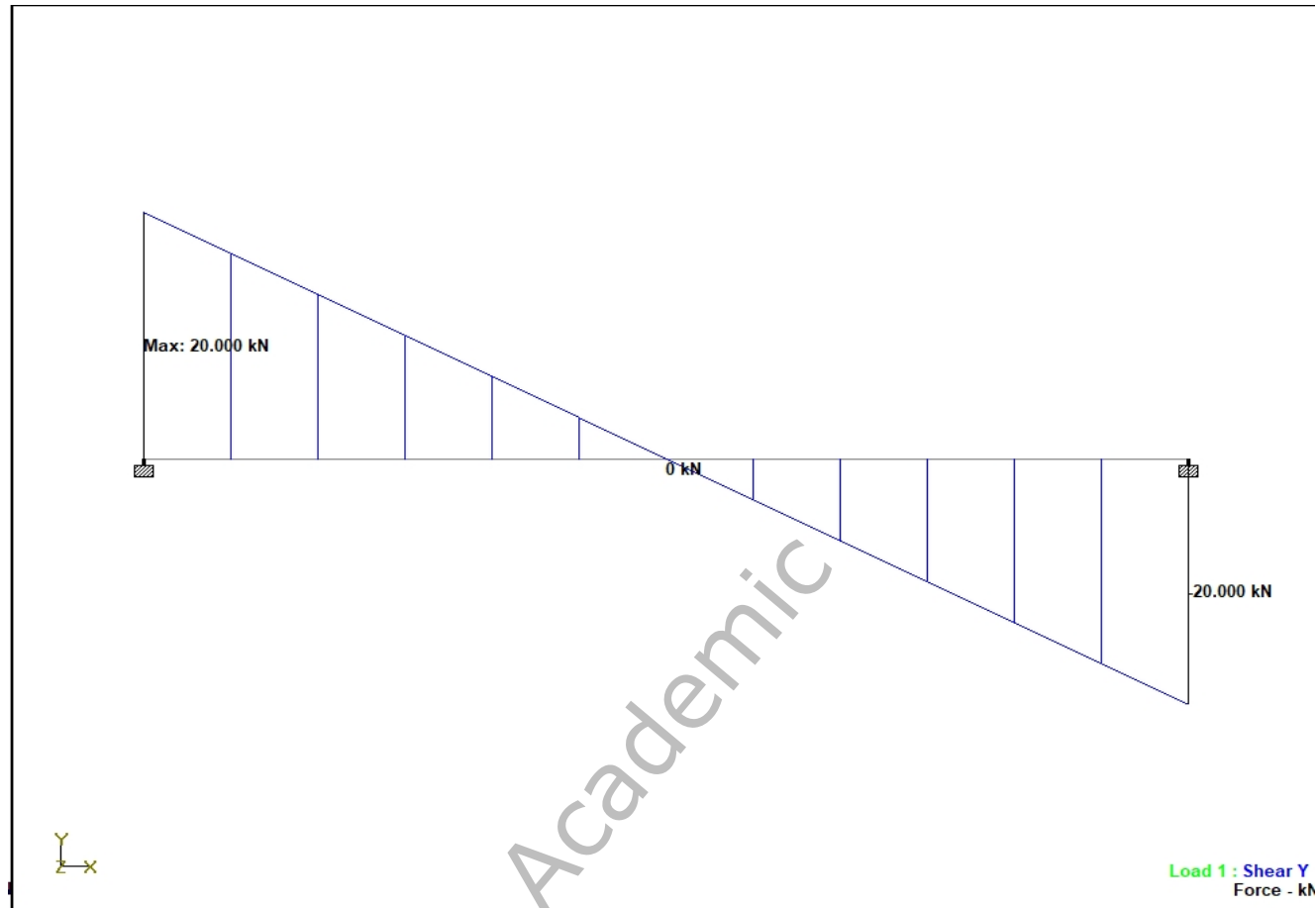
Beam	L/C	d (m)	Axial	Shear		Torsion	Bending	
			Fx (kN)	Fy (kN)	Fz (kN)	Mx (kN-m)	My (kN-m)	Mz (kN-m)
2	1	0.000	0.000	20.000	0.000	0.000	0.000	26.667
		2.000	0.000	10.000	0.000	0.000	0.000	-3.333
		4.000	0.000	0.000	0.000	0.000	0.000	-13.333
		6.000	0.000	-10.000	0.000	0.000	0.000	-3.333
		8.000	0.000	-20.000	0.000	0.000	0.000	26.667

Job No.	Sheet No.	Rev
	3	
Job Title	Part	Ref
Client	By	Date 02-Aug-25
File Structure2.std	Date Time	02-Aug-2025 17:47



BMD

Bentley® Software licensed to Connected User: Bhavesh Bajaj		Job No.	Sheet No. 4	Rev
Job Title		Part		Ref
Client		By	Date 02-Aug-25	Chd
File Structure2.std		Date Time 02-Aug-2025 17:47		



SFD

Beam Displacement Detail

Beam	L/C	d (m)	X (mm)	Y (mm)	Z (mm)	Resultant (mm)
2	1	0.000	0.000	0.000	0.000	0.000
		2.000	0.000	-1.971	0.000	1.971
		4.000	0.000	-3.537	0.000	3.537
		6.000	0.000	-1.971	0.000	1.971
		8.000	0.000	0.000	0.000	0.000