



ALUMNO(A): Anette Odalys Nájera Rueda.

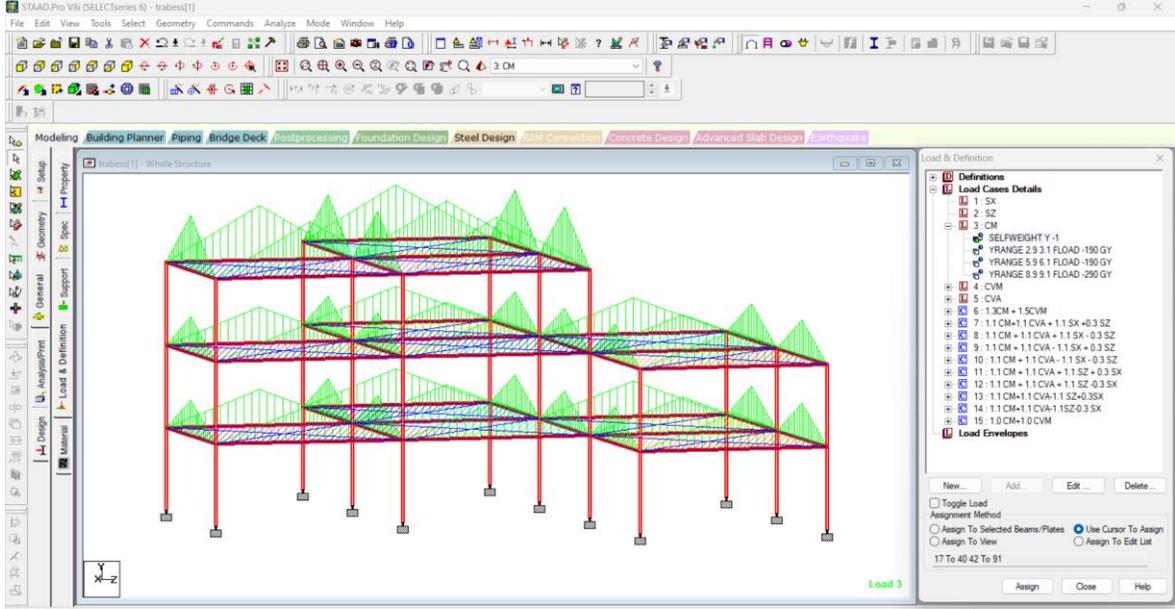
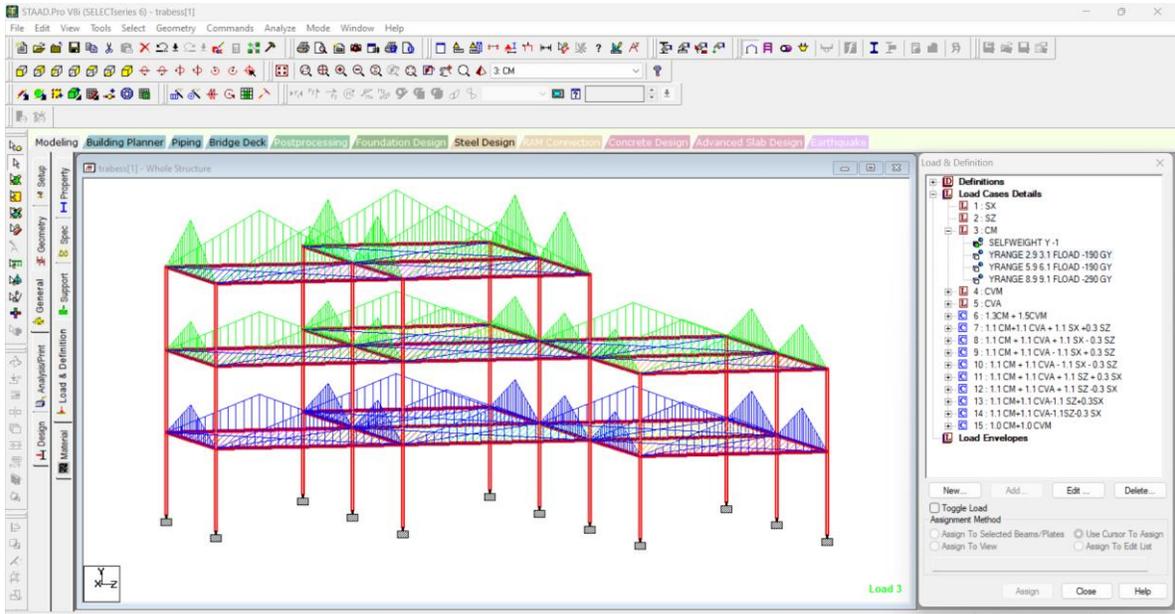
DOCENTE: ARQ. Pedro García

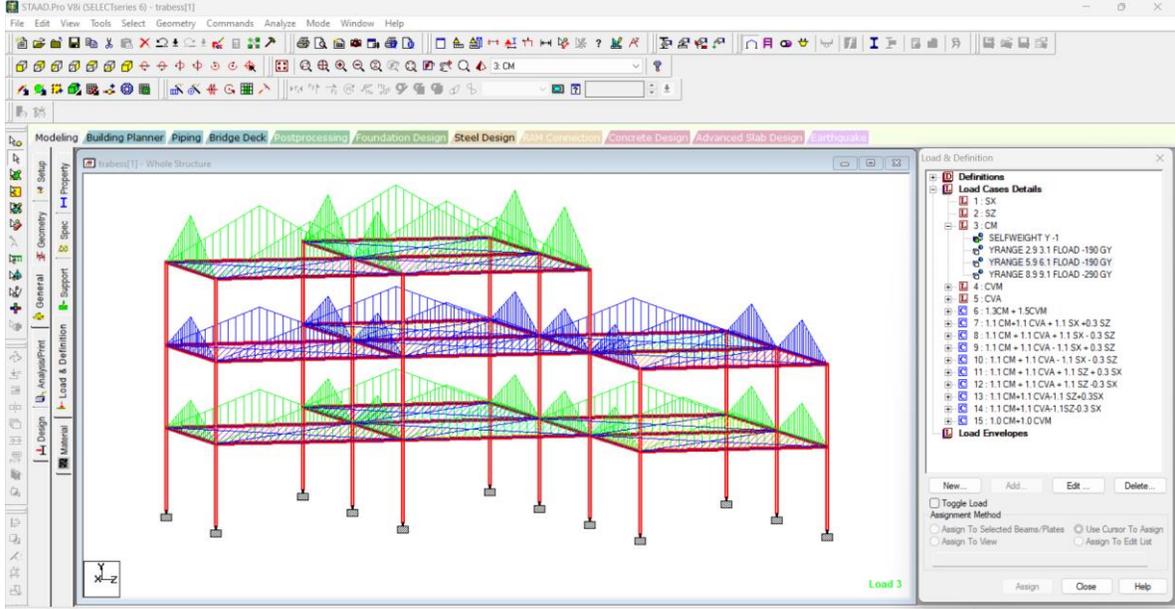
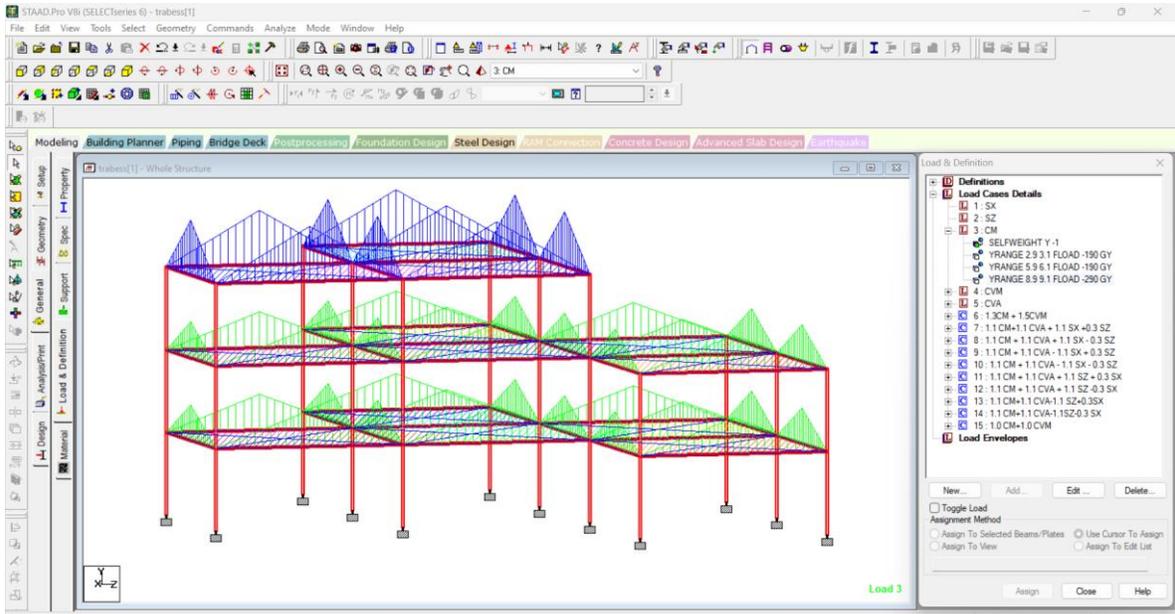
MATERIA: Análisis de estructuras

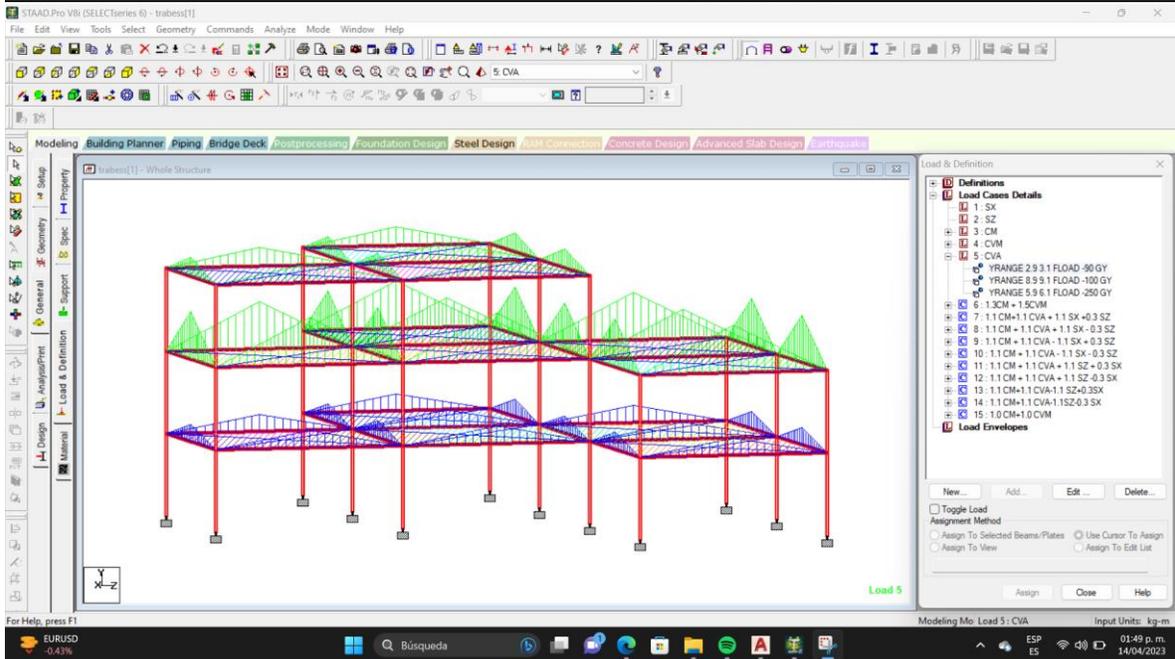
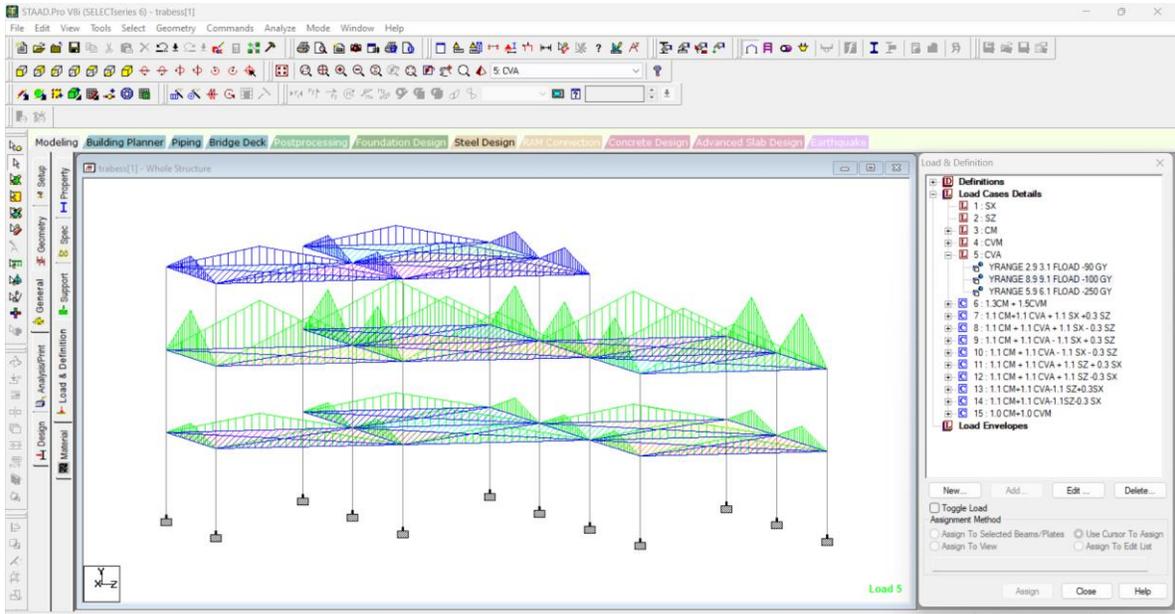
ACTIVIDAD: staad

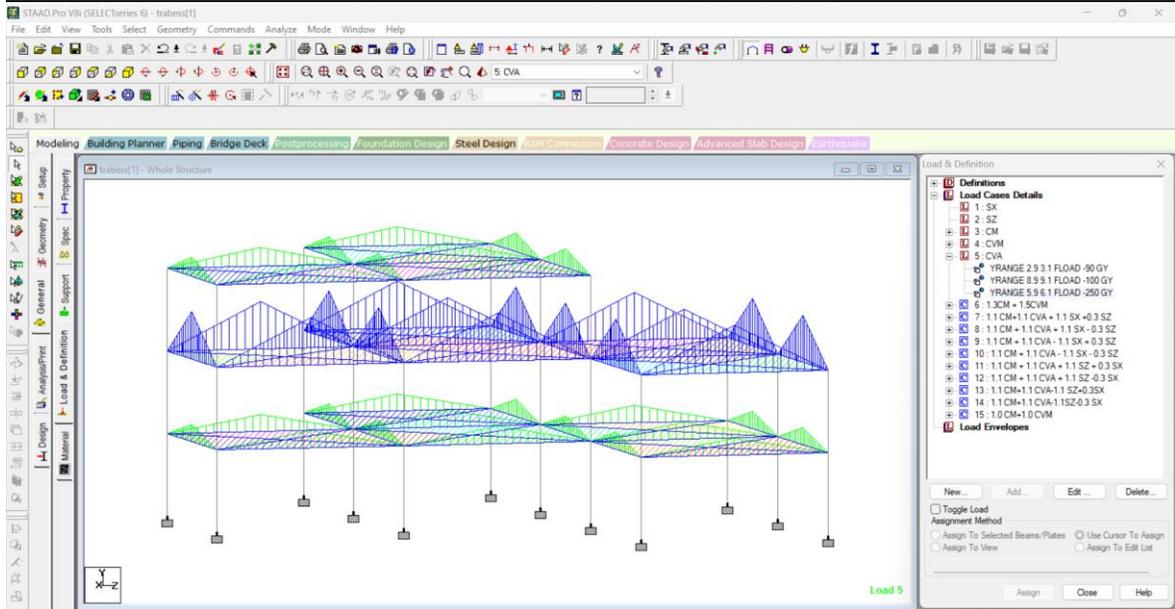
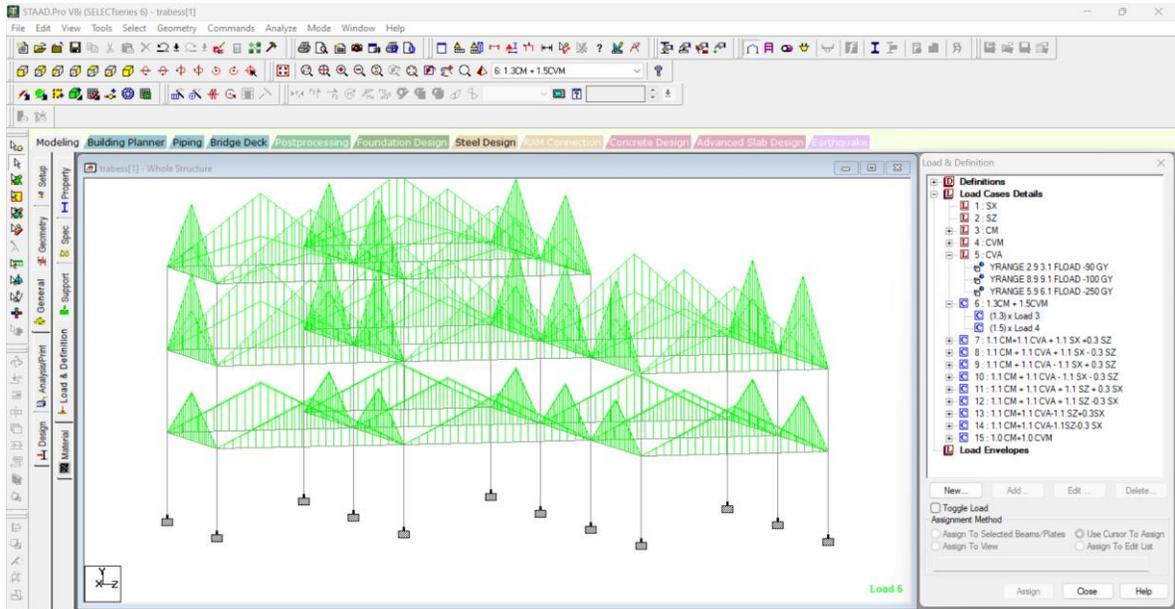


CUATRIMESTRE: 5to UNIDAD: 4









STAAD.Pro V8i (SELECTseries 6) - trabess[1]

File Edit View Tools Select Geometry Commands Analyze Mode Window Help

Modeling Building Planner Piping Bridge Deck Postprocessing Foundation Design Steel Design ADM Connection Concrete Design Advanced Slab Design Earthquake

trabess[1] - Whole Structure

Load 1

Beam	Node A	Node B	Property Refn.	M
R1	43	32	1	CON
R2	25	35		
R3	35	37		
R4	25	35		
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Properties - Whole Structure

Section Beta Angle

Ref	Section	Material
1	Rect 0.50x0.50	CONCRETE
2	Rect 0.50x0.50	CONCRETE
3	Rect 0.60x0.20	CONCRETE

Highlight Assigned Geometry

Assign To Selected Beams

28 33 To 38 48 49 72 To 78 81 88 To 91

Modeling Mo: Load 1: SX Input Units: kg-m

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trabess[1] - Whole Structure

Load 6

Load & Definition

Definitions

- Load Cases Details
 - 1: SX
 - 2: SZ
 - 3: CM
 - 4: CVM
 - 5: CVA
 - YRANGE 2.9 3.1 FLOAD -90 GY
 - YRANGE 8.9 9.1 FLOAD -100 GY
 - YRANGE 5.9 6.1 FLOAD -250 GY
 - 6: 1.3CM + 1.5CVM
 - (1.3)x Load 3
 - (1.5)x Load 4
 - 7: 1.1 CM + 1.1 CVA + 1.1 SX + 0.3 SZ
 - 8: 1.1 CM + 1.1 CVA + 1.1 SX - 0.3 SZ
 - 9: 1.1 CM + 1.1 CVA - 1.1 SX - 0.3 SZ
 - 10: 1.1 CM + 1.1 CVA - 1.1 SX + 0.3 SZ
 - 11: 1.1 CM + 1.1 CVA + 1.1 SZ + 0.3 SX
 - 12: 1.1 CM + 1.1 CVA + 1.1 SZ - 0.3 SX
 - 13: 1.1 CM + 1.1 CVA - 1.1 SZ + 0.3 SX
 - 14: 1.1 CM + 1.1 CVA - 1.1 SZ - 0.3 SX
 - 15: 1.0 CM + 1.0 CVM
- Load Envelopes

Toggle Load

Assignment Method

Assign To Selected Beams/Plates

Assign To View

Modeling Mo: Load 6: 1.3CM + 1.5CVM Input Units: kg-m

STAAD.Pro V8i (SELECTseries 6) - trabes[1]

File Edit View Tools Select Geometry Commands Analyze Mode Window Help

Modeling Building Planner Piping Bridge Deck Postprocessing Foundation Design Steel Design AMM Connector Concrete Design Advanced Slab Design Earthquake

trabes[1] - Whole Structure

Load 1

trabes[1] - Beams

Beam	Node A	Node B	Property Refn.	M
87	28	42	3	CON
88	44	29	1	CON
89	42	38	1	CON
90	41	31	1	CON
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Properties - Whole Structure

Section Beta Angle

Ref	Section	Material
1	Rect 0.50x0.50	CONCRETE
2	Rect 0.50x0.50	CONCRETE
3	Rect 0.60x0.20	CONCRETE

Highlight Assigned Geometry

Assign To Selected Beams

25 To 32 39 40 42 To 47 50 To 59 64 To 71 79 80 82 To 8

For Help, press F1

Modeling Mo Load 1: SX Input Units: kg-m

21°C Despejado

Búsqueda

10:32 p. m. 14/04/2023

STAAD.Pro V8i (SELECTseries 6) - trabes[1]

File Edit View Tools Select Geometry Commands Analyze Mode Window Help

Modeling Building Planner Piping Bridge Deck Postprocessing Foundation Design Steel Design AMM Connector Concrete Design Advanced Slab Design Earthquake

trabes[1] - Whole Structure

Load 1

trabes[1] - Beams

Beam	Node A	Node B	Property Refn.	M
83	34	2	2	CON
84	34	15	3	CON
85	35	37	3	CON
86	37	38	3	CON
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Properties - Whole Structure

Section Beta Angle

Ref	Section	Material
1	Rect 0.50x0.50	CONCRETE
2	Rect 0.50x0.50	CONCRETE
3	Rect 0.50x0.20	CONCRETE

Highlight Assigned Geometry

Assign To Selected Beams

17 To 24 60 To 63

For Help, press F1

Modeling Mo Load 1: SX Input Units: kg-m

21°C Despejado

Búsqueda

10:31 p. m. 14/04/2023