

MATERIA: ANALISIS DE ESTRUCTURAS

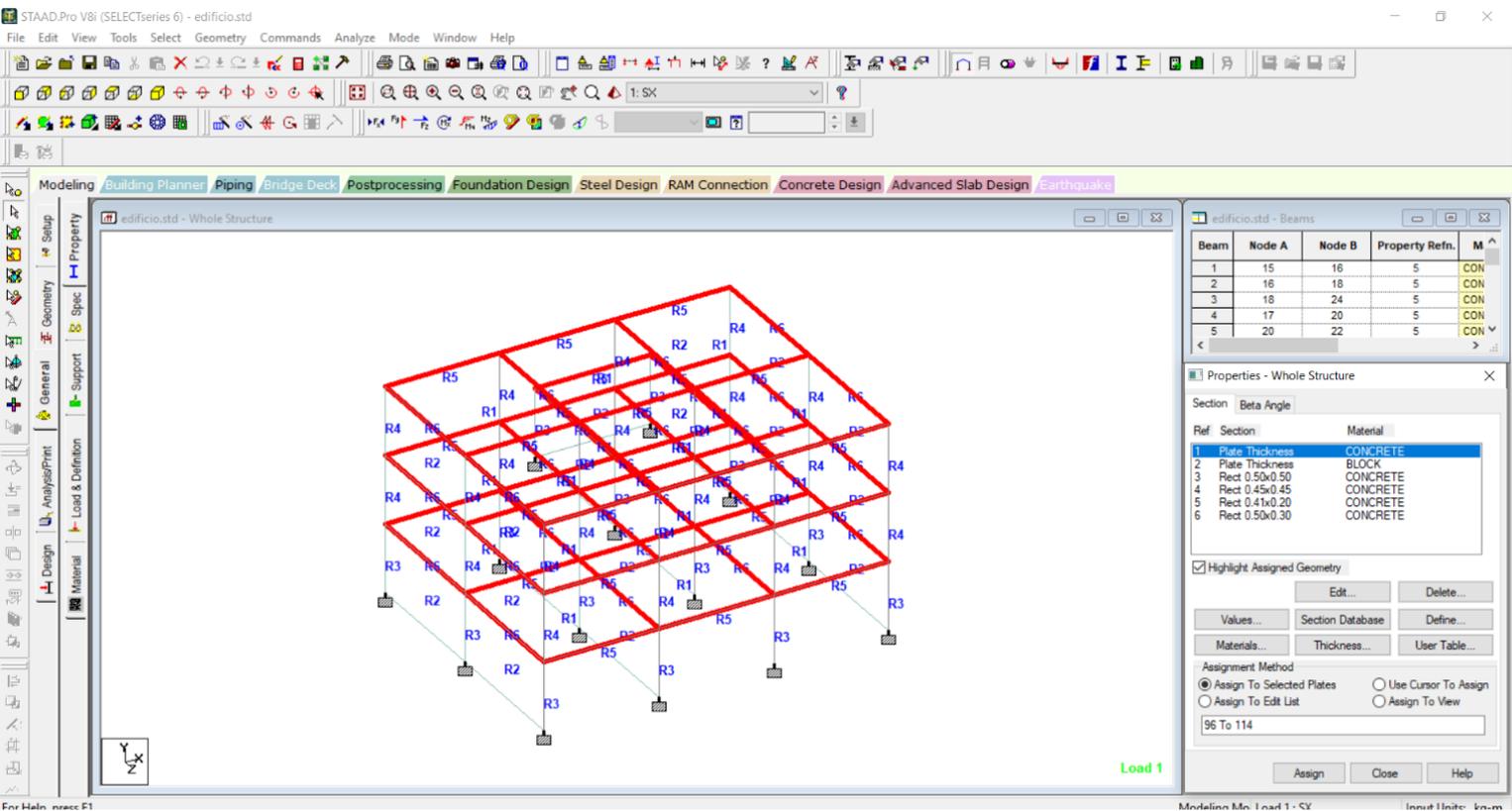
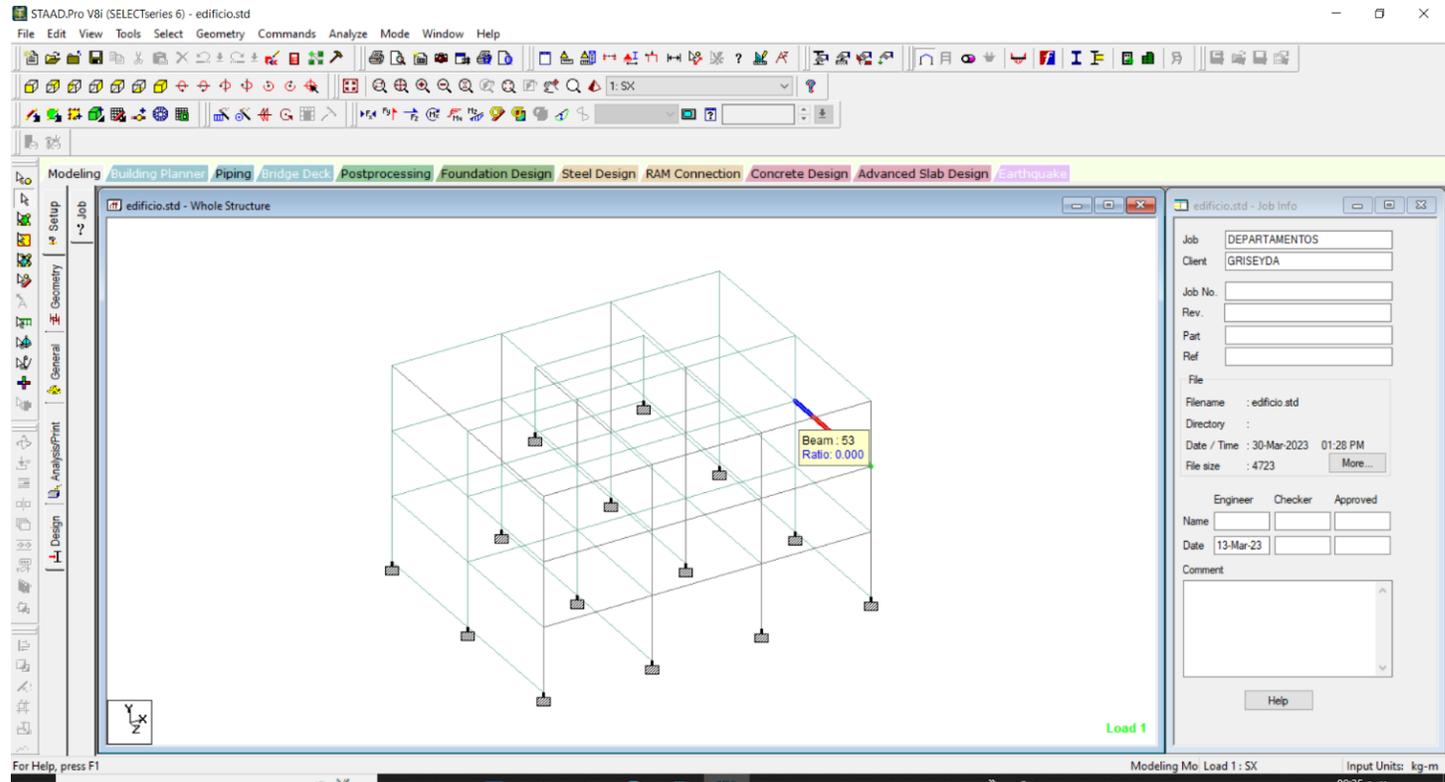
ACTIVIDAD: STAAD PRO

DOCENTE: ARQ. PEDRO ALBERTO GARCIA LOPEZ

ALUMNO: GRISEYDA JOACHIN VELAZQUEZ

GRADO: 5° CUATRIMESTRE

GRUPO: A



STAAD.Pro V8i (SELECTSeries 6) - edificio.std

File Edit View Tools Select Geometry Commands Analyze Mode Window Help

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

edificio.std - Whole Structure

edificio.std - Beams

Beam	Node A	Node B	Property Refn.	M
37	28	14	3	CON
38	29	30	5	CON
39	30	32	5	CON
40	32	38	5	CON
41	31	34	5	CON

Properties - Whole Structure

Section Beta Angle

Ref	Section	Material
1	Plate Thickness	CONCRETE
2	Plate Thickness	BLOCK
3	Rect 0.50x0.50	CONCRETE
4	Rect 0.45x0.45	CONCRETE
5	Rect 0.41x0.20	CONCRETE
6	Rect 0.50x0.30	CONCRETE

Highlight Assigned Geometry

Assignment Method

Assign To Selected Plates Use Cursor To Assign

Assign To Edit List Assign To View

115 To 135

Assign Close Help

For Help, press F1

Modeling Mo: Load 1: SX

Input Units: kg-m

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edificio.std - Whole Structure

edificio.std - Beams

Beam	Node A	Node B	Property Refn.	M
37	28	14	3	CON
38	29	30	5	CON
39	30	32	5	CON
40	32	38	5	CON
41	31	34	5	CON

Properties - Whole Structure

Section Beta Angle

Ref	Section	Material
1	Plate Thickness	CONCRETE
2	Plate Thickness	BLOCK
3	Rect 0.50x0.50	CONCRETE
4	Rect 0.45x0.45	CONCRETE
5	Rect 0.41x0.20	CONCRETE
6	Rect 0.50x0.30	CONCRETE

Highlight Assigned Geometry

Assignment Method

Assign To Selected Beams Use Cursor To Assign

Assign To Edit List Assign To View

24 To 37

Assign Close Help

For Help, press F1

Modeling Mo: Load 1: SX

Input Units: kg-m

STAAD.Pro V8i (SELECTSeries 6) - edificio.std

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Modeling Building Planner Piping Bridge Deck Postprocessing Foundation Design Steel Design RAM Connection Concrete Design Advanced Slab Design Earthquakes

edificio.std - Whole Structure

edificio.std - Beams

Beam	Node A	Node B	Property Refn.	M
93	46	34	4	CON
94	48	36	4	CON
95	49	37	4	CON
136				

Properties - Whole Structure

Section Beta Angle

Ref	Section	Material
1	Plate Thickness	CONCRETE
2	Plate Thickness	BLOCK
3	Rect 0.50x0.50	CONCRETE
4	Rect 0.41x0.20	CONCRETE
5	Rect 0.41x0.20	CONCRETE
6	Rect 0.50x0.30	CONCRETE

Highlight Assigned Geometry

Edit... Delete...

Values... Section Database Define...

Materials... Thickness... User Table...

Assignment Method

Assign To Selected Beams Use Cursor To Assign

Assign To Edit List Assign To View

55 To 66 84 To 95

Assign Close Help

For Help, press F1

Modeling Mo: Load 1: SX

Input Units: kg-m

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Modeling Building Planner Piping Bridge Deck Postprocessing Foundation Design Steel Design RAM Connection Concrete Design Advanced Slab Design Earthquakes

edificio.std - Whole Structure

edificio.std - Beams

Beam	Node A	Node B	Property Refn.	M
75	49	52	5	CON
76	41	43	6	CON
77	43	45	6	CON
78	42	46	6	CON
79	46	47	6	CON

Properties - Whole Structure

Section Beta Angle

Ref	Section	Material
1	Plate Thickness	CONCRETE
2	Plate Thickness	BLOCK
3	Rect 0.50x0.50	CONCRETE
4	Rect 0.45x0.45	CONCRETE
5	Rect 0.41x0.20	CONCRETE
6	Rect 0.50x0.30	CONCRETE

Highlight Assigned Geometry

Edit... Delete...

Values... Section Database Define...

Materials... Thickness... User Table...

Assignment Method

Assign To Selected Beams Use Cursor To Assign

Assign To Edit List Assign To View

1 To 10 38 To 46 67 To 75

Assign Close Help

For Help, press F1

Modeling Mo: Load 1: SX

Input Units: kg-m

STAAD.Pro V8i (SELECTSeries 6) - edificio.std

File Edit View Tools Select Geometry Commands Analyze Mode Window Help

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

edificio.std - Whole Structure

Load 1

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

edificio.std - Beams

Beam	Node A	Node B	Property Refn.	M
83	51	52	6	CON
84	45	33	4	CON
85	43	31	4	CON
86	41	29	4	CON
87	42	30	4	CON

Properties - Whole Structure

Section Beta Angle

Ref	Section	Material
1	Plate Thickness	CONCRETE
2	Plate Thickness	BLOCK
3	Rect 0.50x0.50	CONCRETE
4	Rect 0.45x0.45	CONCRETE
5	Rect 0.41x0.20	CONCRETE
6	Rect 0.50x0.30	CONCRETE

Highlight Assigned Geometry

Assign To Selected Beams

11 12 15 17 To 23 47 To 54 76 To 83

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edificio.std - Whole Structure

Load 1: Bending Z

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

edificio.std - Job...

Job DEPARTAMENTOS

Client GRISEYDA

Job No.

Rev.

Part

Ref

File

Filename edificio.std

Directory

Date / Time 30-Mar-2023 01:28 PM

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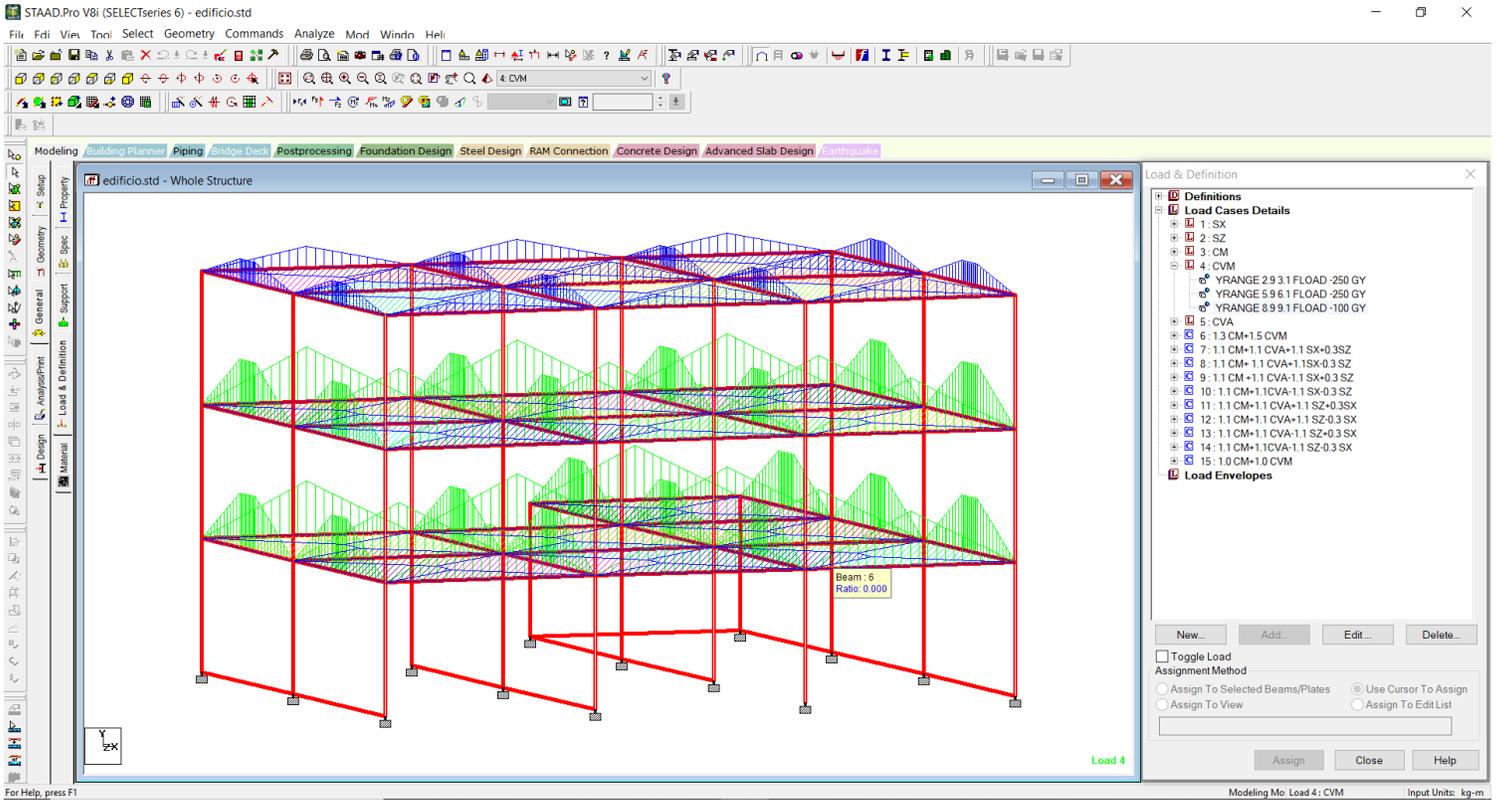
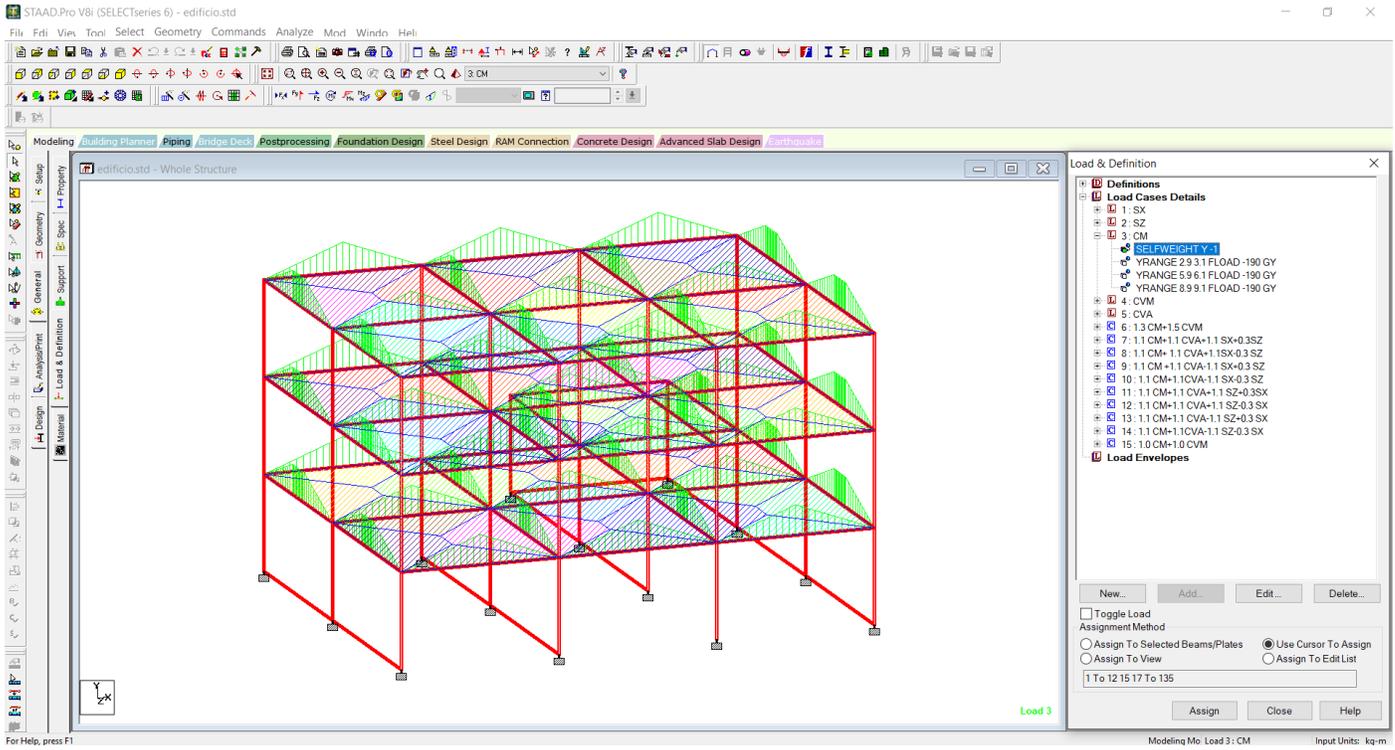
Engineer Checker Approve

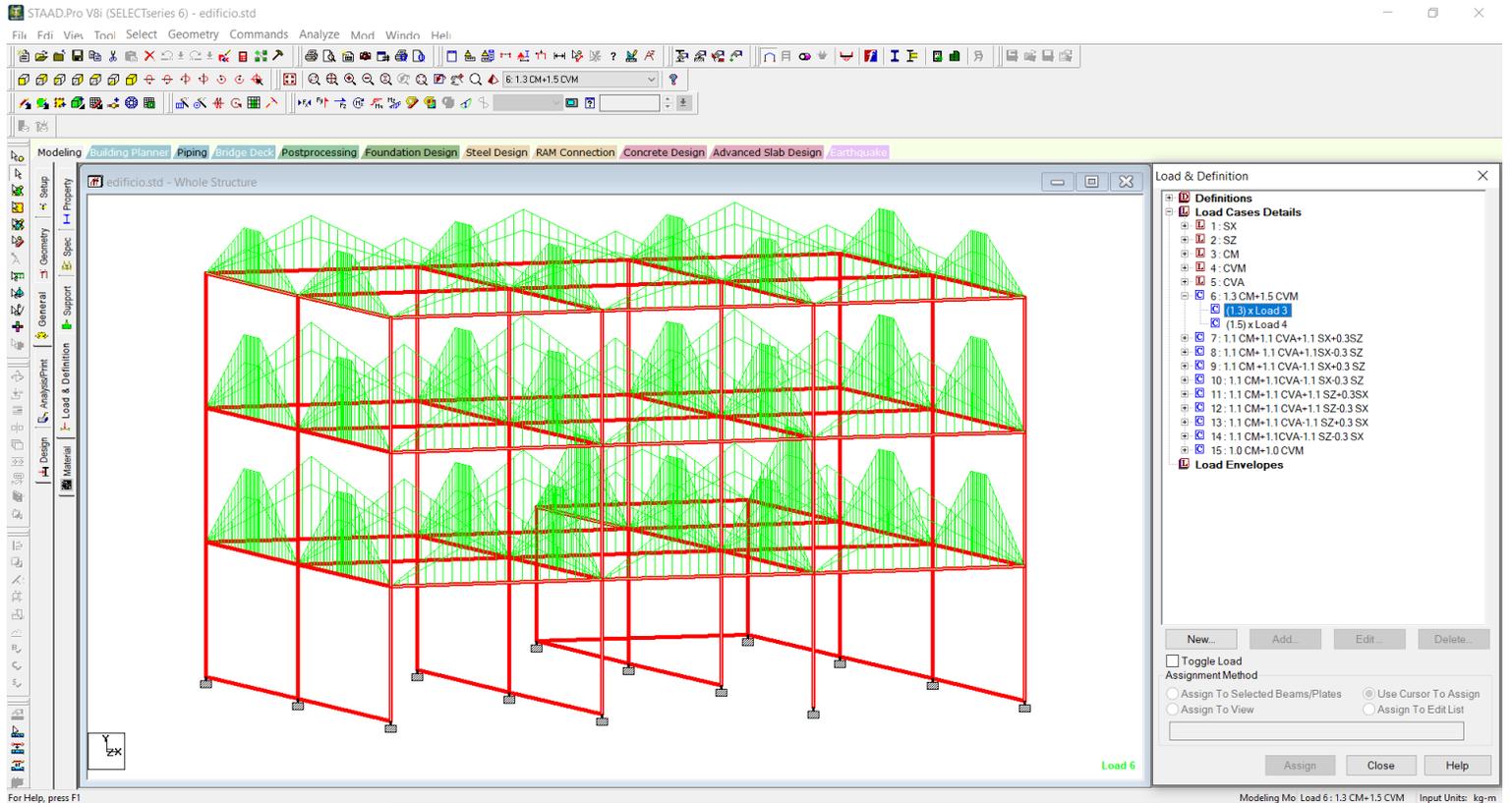
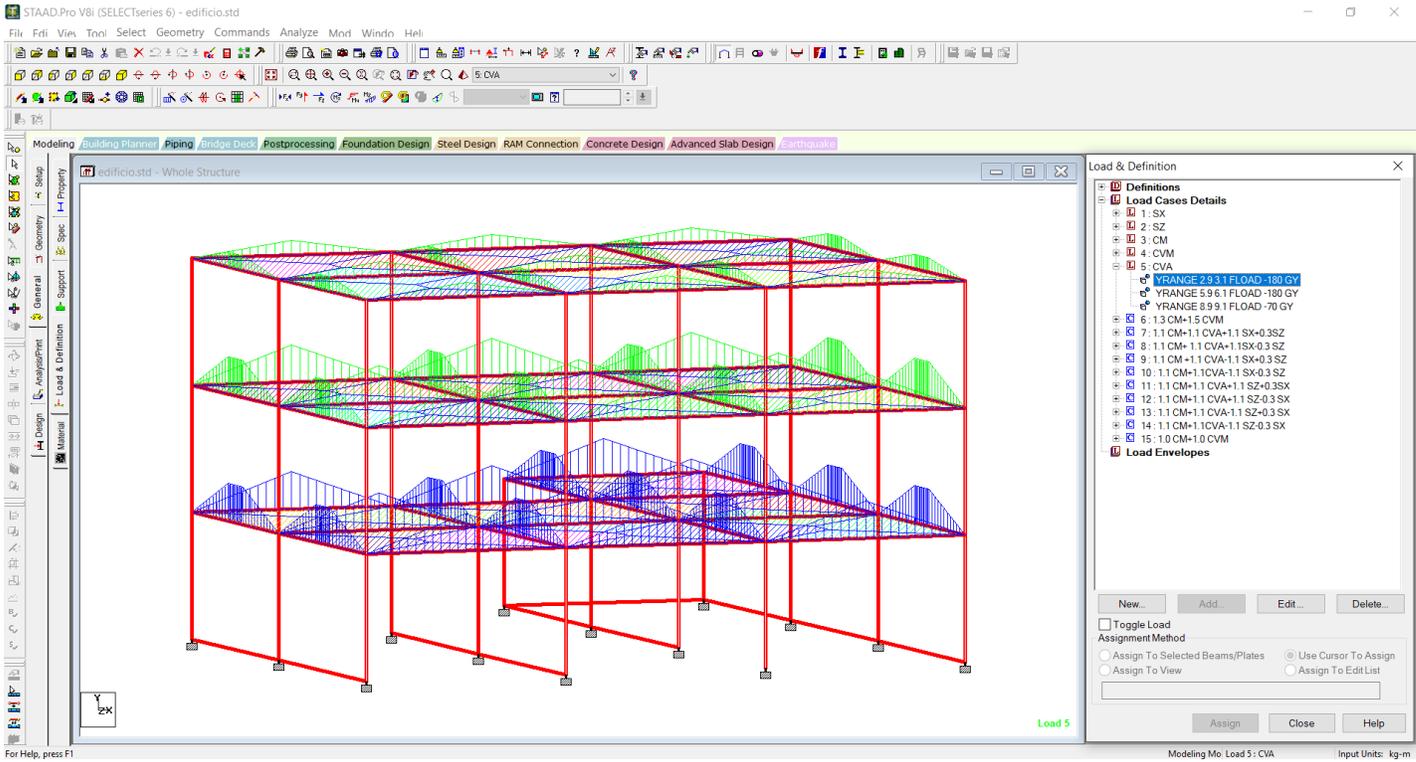
Name

Date 13-Mar-23

Comment

Help





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File Edit View Tool Select Geometry Commands Analyze Mod Window Help

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

edificio.std - Whole Structure

Load & Definition

Definitions

Load Cases Details

- 1: SX
- 2: SZ
- 3: CM
- 4: CVM
- 5: CVA
- 6: 1.3 CM+1.5 CVM
- 7: 1.1 CM+1.1 CVA+1.1 SX+0.3SZ
- 8: 1.1 CM+1.1 CVA+1.1 SX+0.3 SZ
- 9: 1.1 CM+1.1 CVA+1.1 SZ+0.3 SX
- 10: 1.1 CM+1.1 CVA+1.1 SZ+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

New... Add... Edit... Delete...

Toggle Load Assignment Method

Assign To Selected Beams/Plates Use Cursor To Assign

Assign To View Assign To Edit List

Assign Close Help

For Help, press F1

Modeling Mo: Load 7: 1.1 CM+1.1 CVA+1.1; Input Units: kg-m

STAAD.Pro V8i (SELECTSeries 6) - edificio.std

File Edit View Tool Select Geometry Commands Analyze Mod Window Help

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

edificio.std - Whole Structure

Load & Definition

Definitions

Load Cases Details

- 1: SX
- 2: SZ
- 3: CM
- 4: CVM
- 5: CVA
- 6: 1.3 CM+1.5 CVM
- 7: 1.1 CM+1.1 CVA+1.1 SX+0.3SZ
- 8: 1.1 CM+1.1 CVA+1.1 SX+0.3 SZ
- 9: 1.1 CM+1.1 CVA+1.1 SZ+0.3 SX
- 10: 1.1 CM+1.1 CVA+1.1 SZ+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

New... Add... Edit... Delete...

Toggle Load Assignment Method

Assign To Selected Beams/Plates Use Cursor To Assign

Assign To View Assign To Edit List

Assign Close Help

For Help, press F1

Modeling Mo: Load 14: 1.1 CM+1.1 CVA+1.1; Input Units: kg-m