



Mi Universidad

ENSAYO

TRABAJO: PROCEDIMIENTOS STAAD.PRO

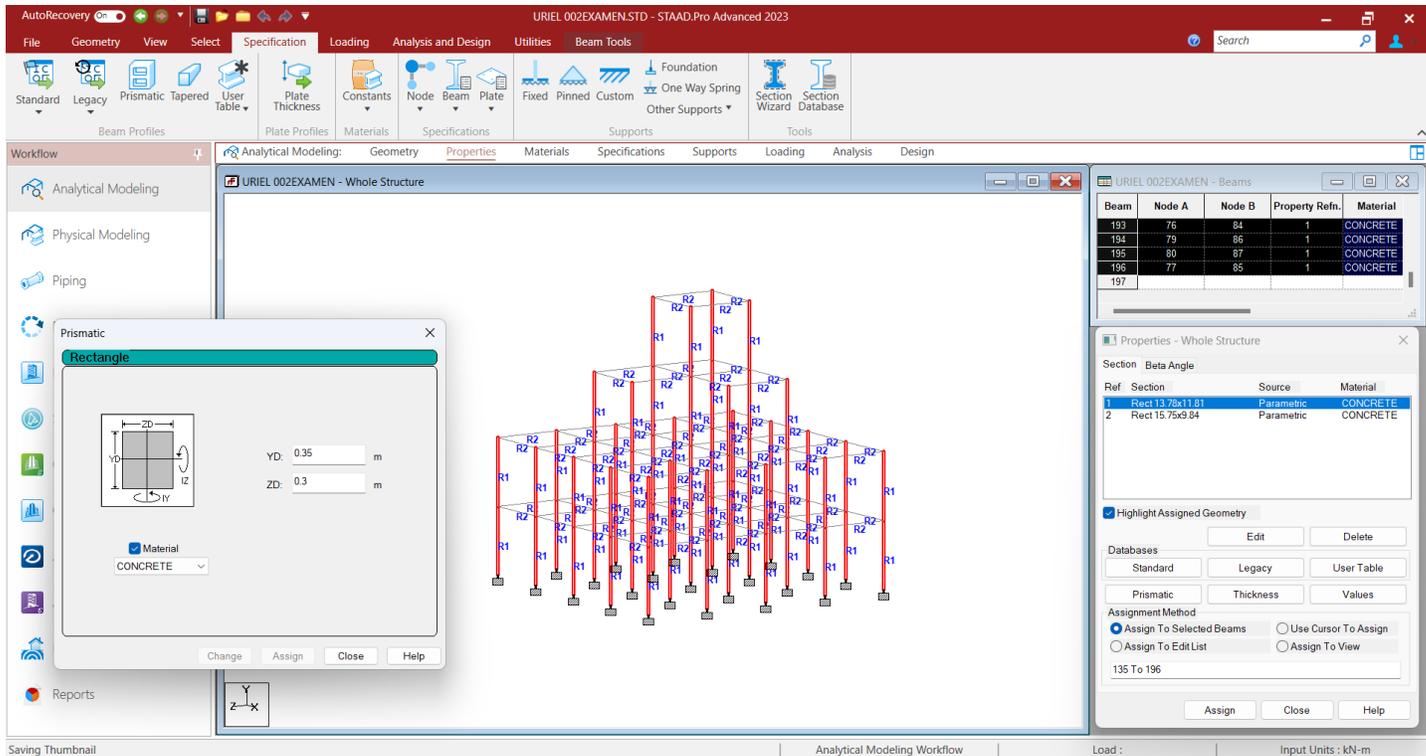
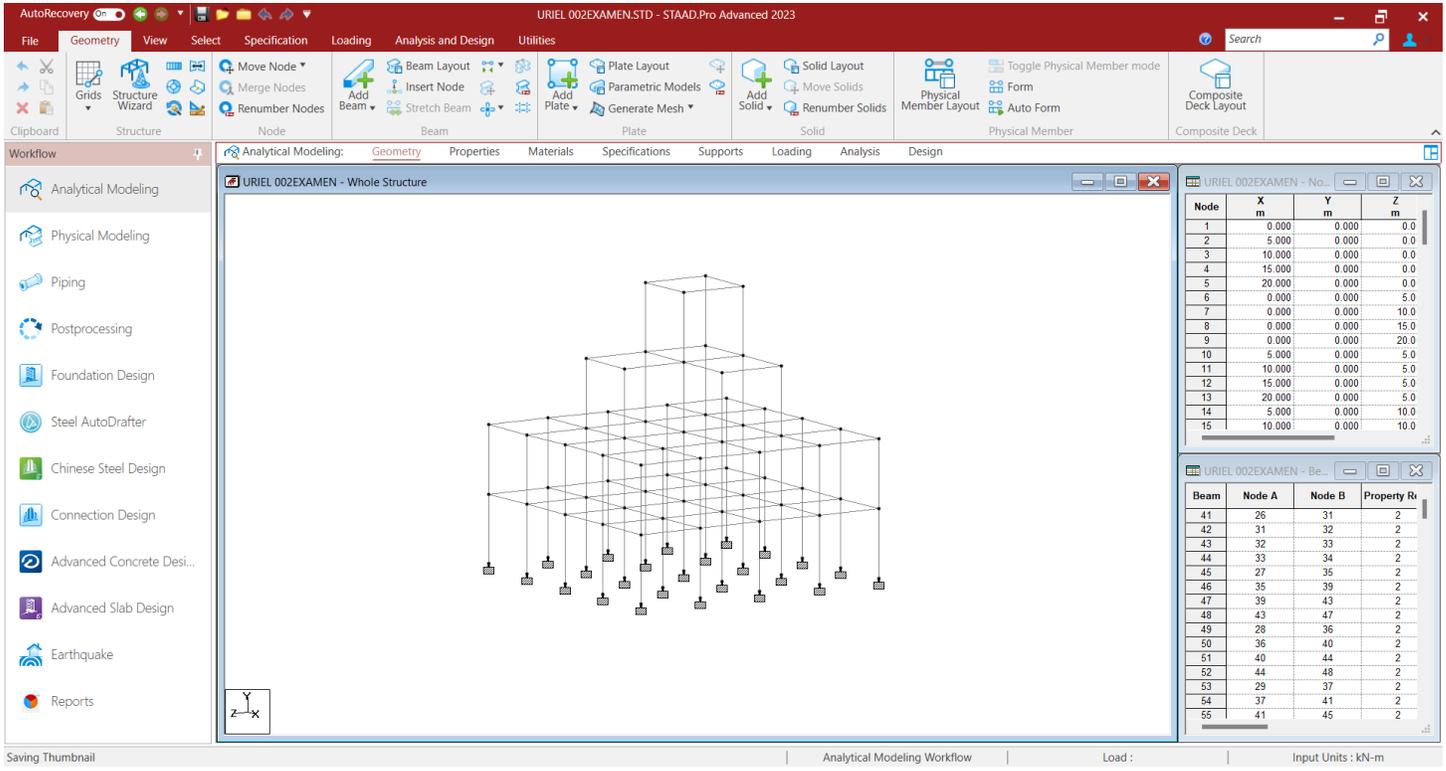
MATERIA: ANALISIS DE ESTRUCTURAS

UNIDAD: IV

LICENCIATURA: ARQUITECTURA

ARQUITECTO: PEDRO ALBERTO GARCIA

ALUMNO: URIEL FERNANDO RUIZ ESPINOSA



AutoRecovery On | URIEL 002EXAMEN.STD - STAAD.Pro Advanced 2023

File Geometry View Select Specification Loading Analysis and Design Utilities Beam Tools

Standard Legacy Prismatic Tapered User Table | Plate Thickness Constants Node Beam Plate | Fixed Pinned Custom | Foundation One Way Spring Other Supports | Section Wizard Section Database

Workflow Analytical Modeling: Geometry Properties Materials Specifications Supports Loading Analysis Design

Analytical Modeling: URIEL 002EXAMEN - Whole Structure

URIEL 002EXAMEN - Beams

Beam	Node A	Node B	Property Refn.	Material
134	84	85	2	CONCRETE
135	1	26	1	CONCRETE
136	6	31	1	CONCRETE
137	7	32	1	CONCRETE
138	8	33	1	CONCRETE
139	9	34	1	CONCRETE

Prismatic Rectangle

YD: 0.4 m
ZD: 0.25 m

Material: CONCRETE

URIEL 002EXAMEN - Properties - Whole Structure

Ref	Section	Source	Material
1	Rcct13.78x11.81	Parametric	CONCRETE
2	Rcct15.75x9.84	Parametric	CONCRETE

Highlight Assigned Geometry

Databases: Standard, Legacy, User Table

Assignment Method: Assign To Selected Beams, Assign To Edit List, Assign To View

41 To 134

Assign Close Help

Saving Thumbnail | Analytical Modeling Workflow | Load: | Input Units: kN-m

AutoRecovery On | URIEL 002EXAMEN.STD - STAAD.Pro Advanced 2023

File Geometry View Select Specification Loading Analysis and Design Utilities Beam Tools

Label Settings Zoom Whole Structure | Display Structure | Open View | View Management | Display Options | Set Structure Colors | Cascade | Structure Only | Tile Horizontal | Tables | 3D Rendering | Structural Tooltip Options | Tile Vertical | Windows

Workflow Analytical Modeling: Geometry Properties Materials Specifications Supports Loading Analysis Design

Analytical Modeling: URIEL 002EXAMEN - Whole Structure

URIEL 002EXAMEN - Materials

Name	kip/in ²	Poisson's Ratio	Dens kip/in ³
ALUMINUM	10000.000	330E-3	98E-6
CONCRETE	3150.001	170E-3	86.8E-6
Q235	29877.773	300E-3	283.7E-4
Q345	29877.773	300E-3	283.7E-4
Q355	29877.773	300E-3	283.7E-4
Q390	29877.773	300E-3	283.7E-4
Q420	29877.773	300E-3	283.7E-4
Q460	29877.773	300E-3	283.7E-4
STAINLESSSTEEL	28000.000	300E-3	283E-6
STEEL	29000.000	300E-3	283E-6

URIEL 002EXAMEN - Rendered View

Material - - Whole Structure

Isotropic Orthotropic 2D

Title: STEEL, CONCRETE, ALUMINUM, STAINLESSSTEEL, STEEL_36_KSI, STEEL_50_KSI, STEEL_275_NMM2, STEEL_355_NMM2

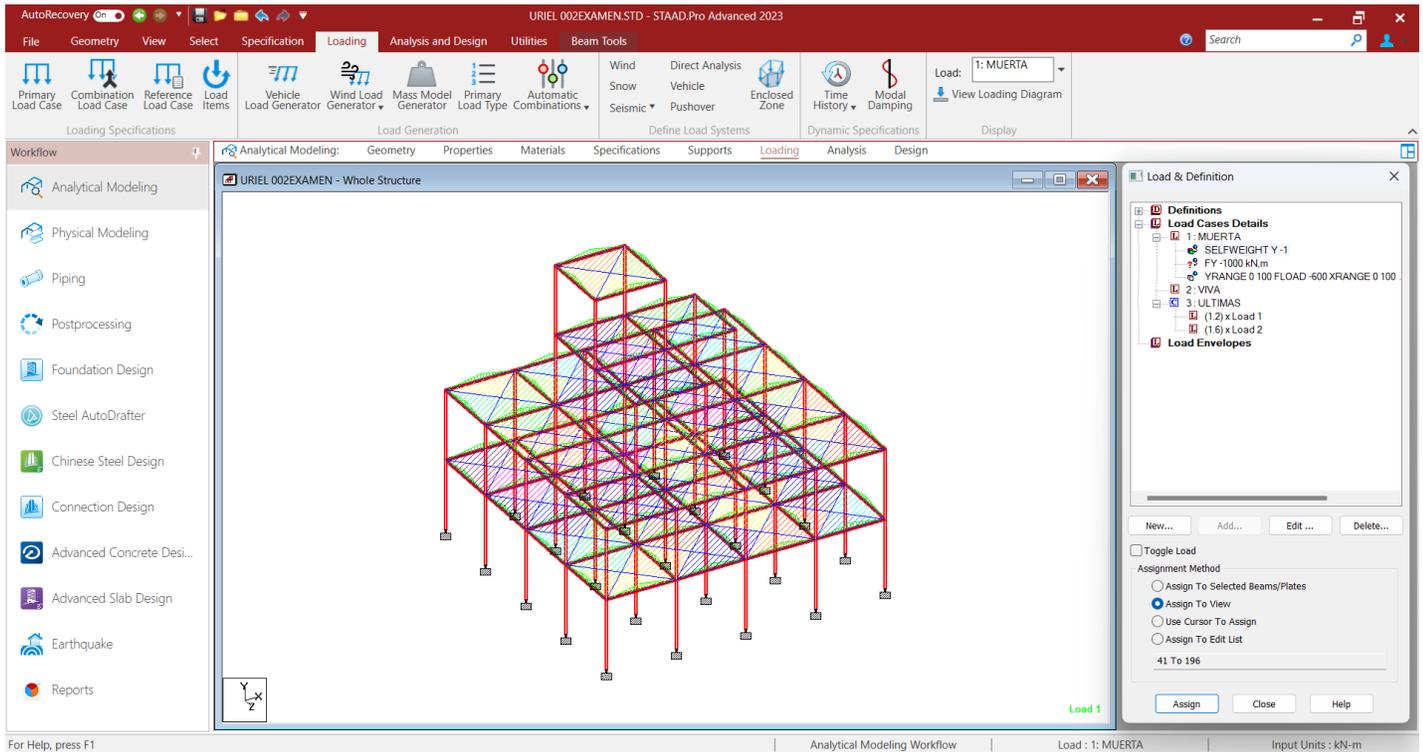
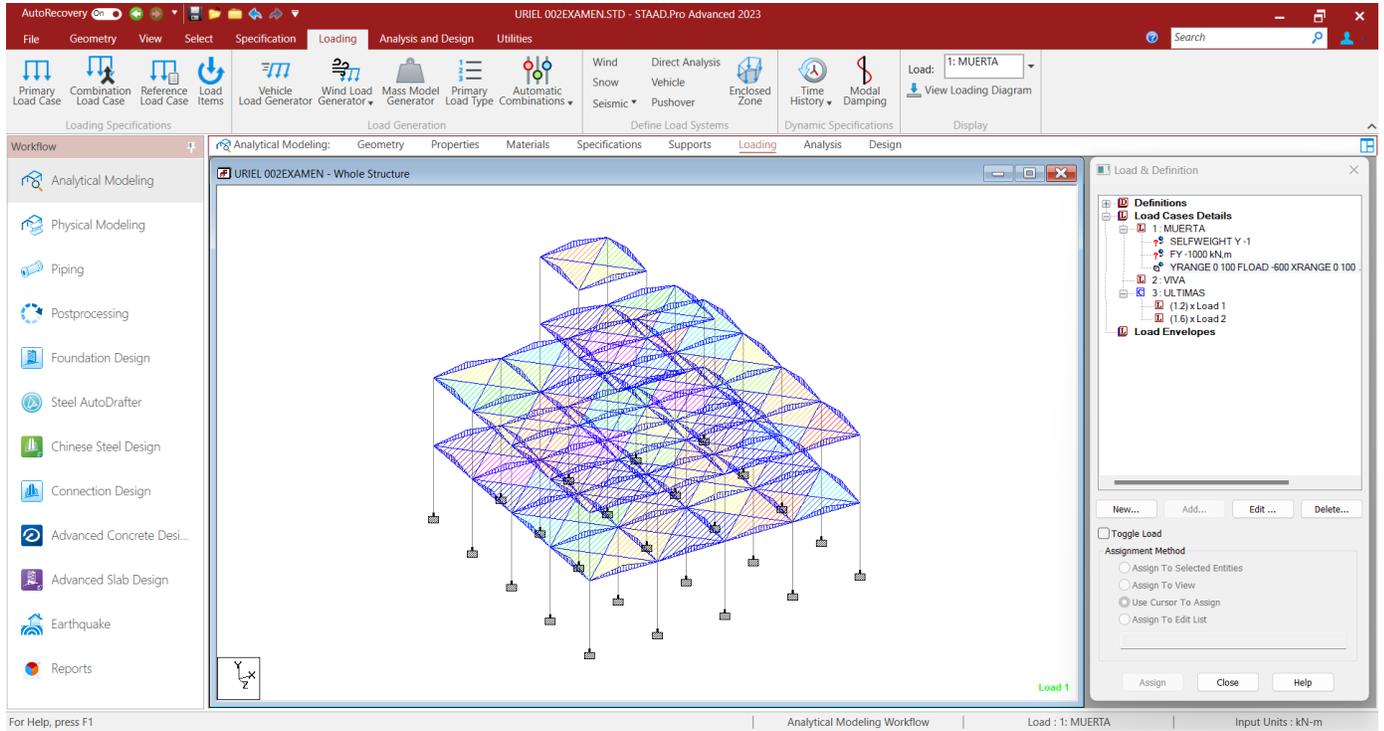
Highlight Assigned Geometry

Create Edit... Delete...

Assignment Method: Assign To Selected Beams, Assign To View, Use Cursor To Assign, Assign To Edit List

Assign Close

Saving Thumbnail | Analytical Modeling Workflow | Load: | Input Units: kN-m



- Workflow
- Analytical Modeling
 - Physical Modeling
 - Piping
 - Postprocessing
 - Foundation Design
 - Steel AutoDrafter
 - Chinese Steel Design
 - Connection Design
 - Advanced Concrete Desi...
 - Advanced Slab Design
 - Earthquake
 - Reports

