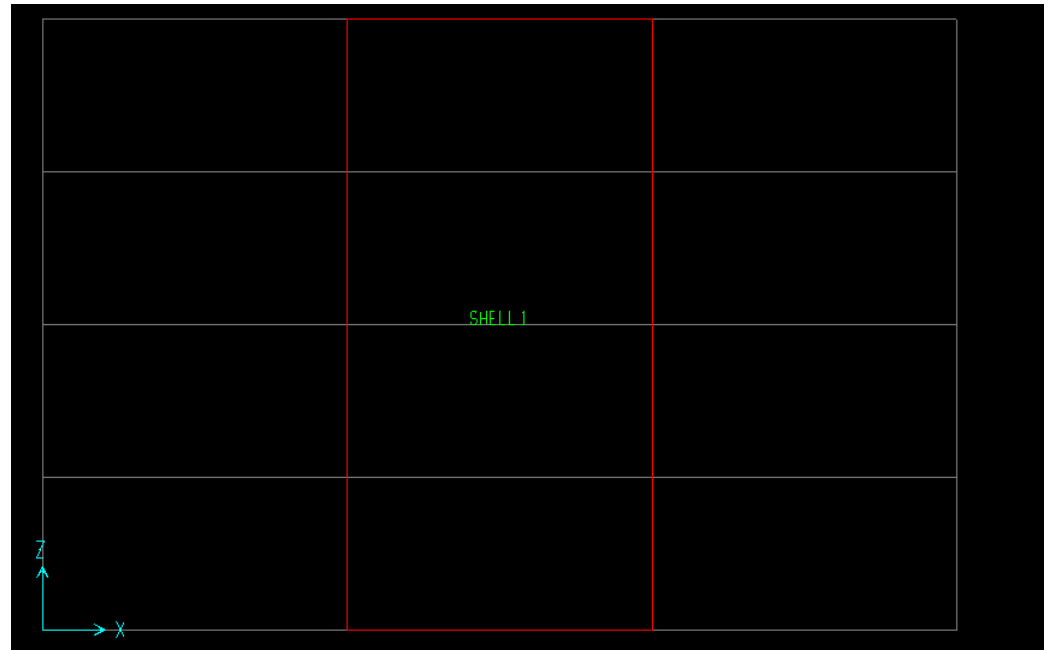
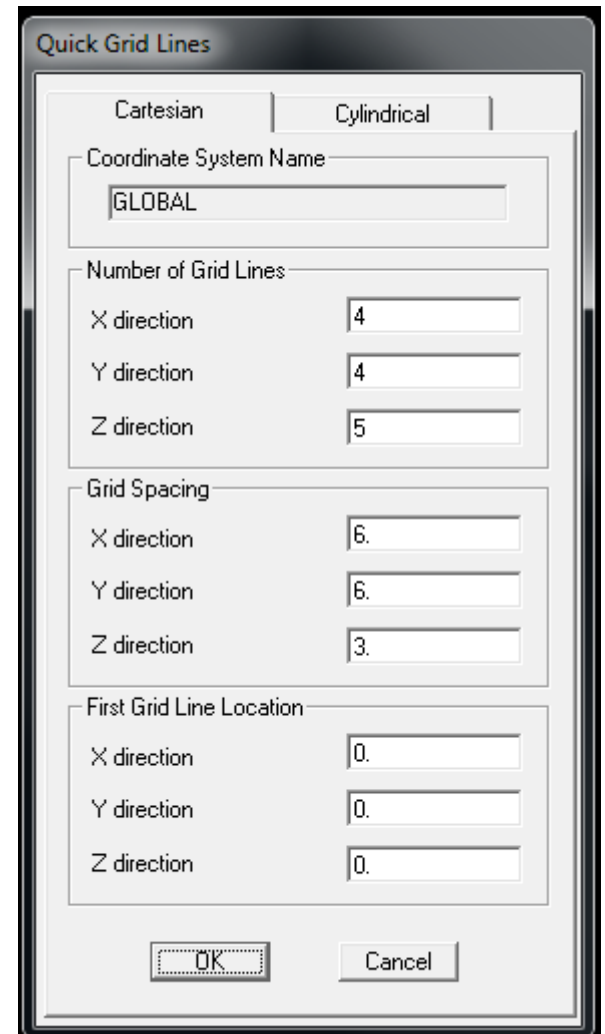
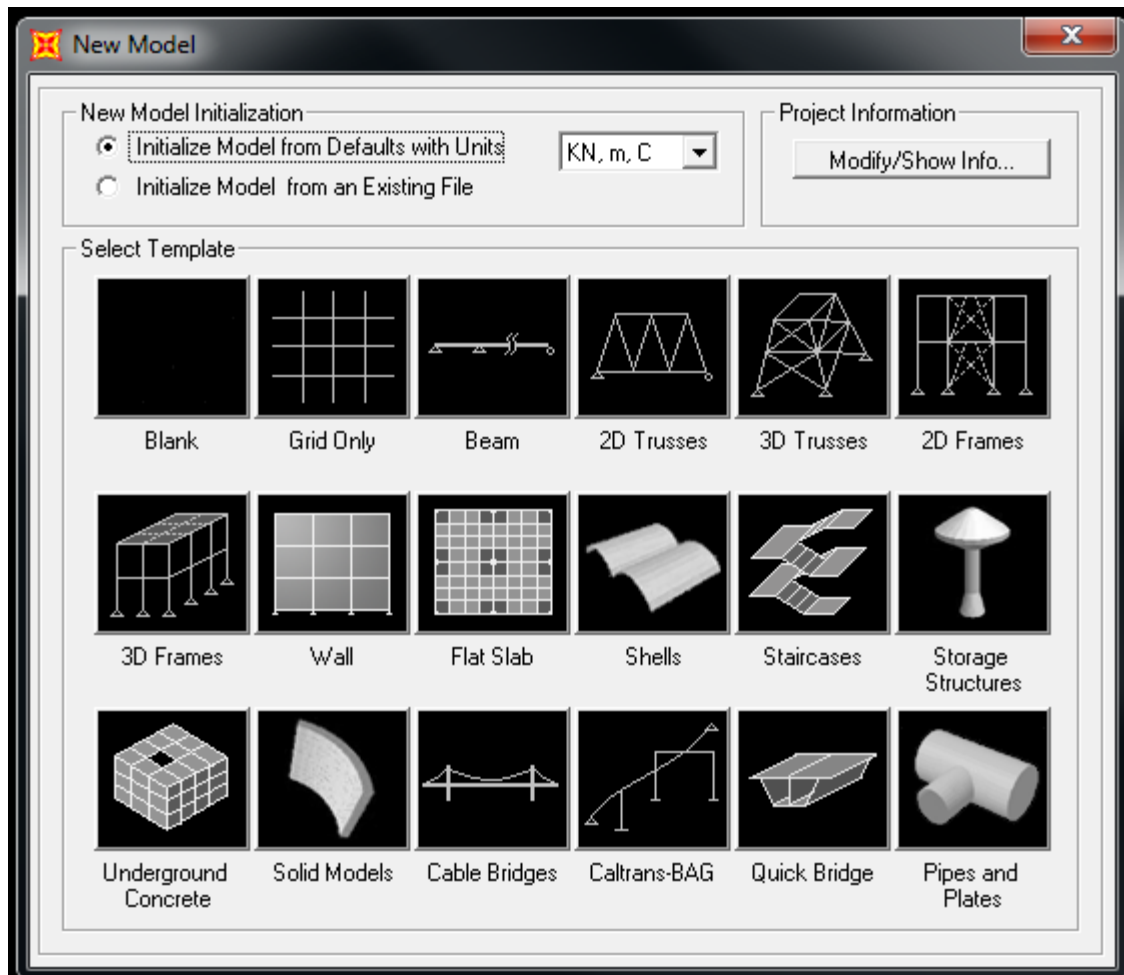


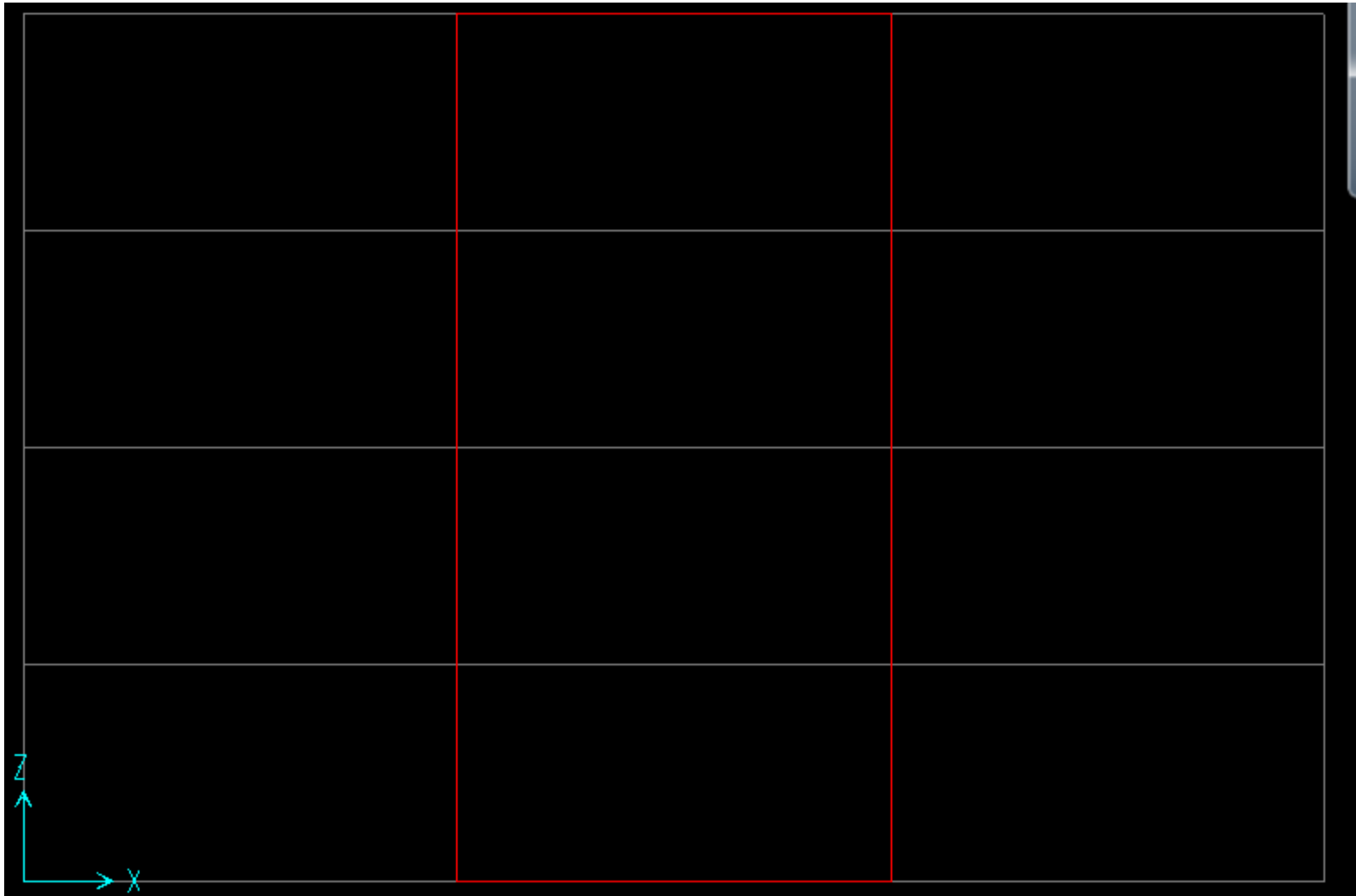
# Modellazione Shell In SAP2000

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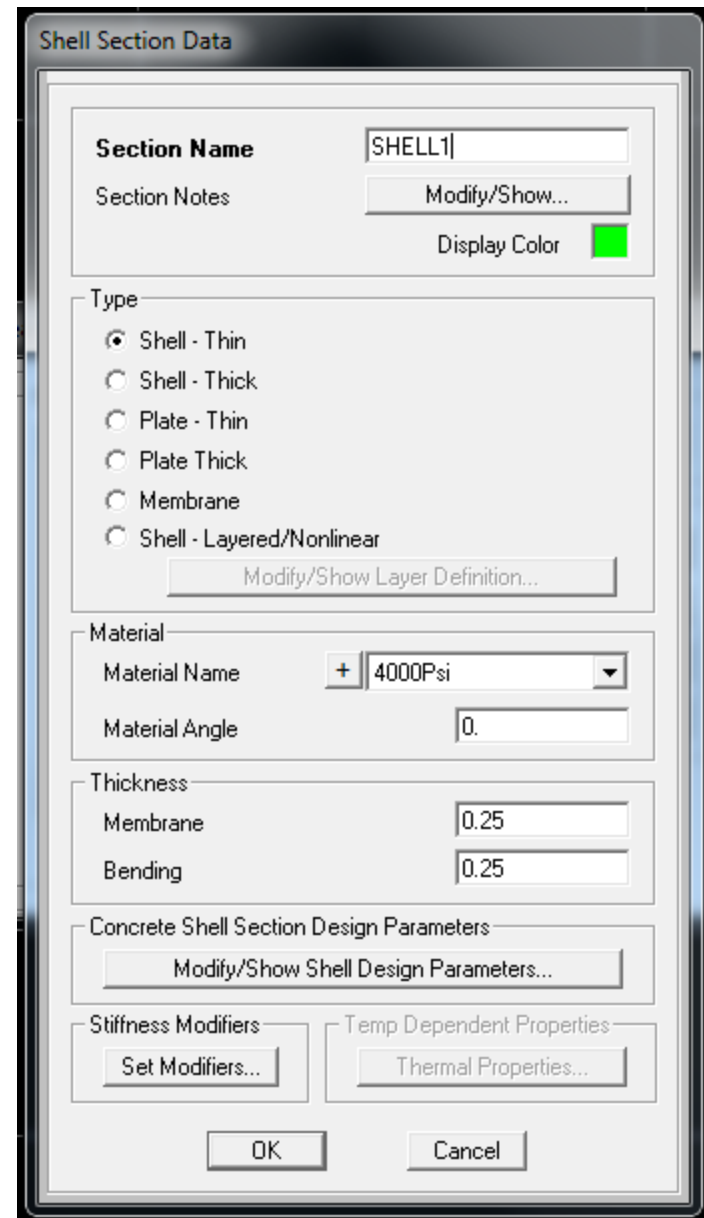
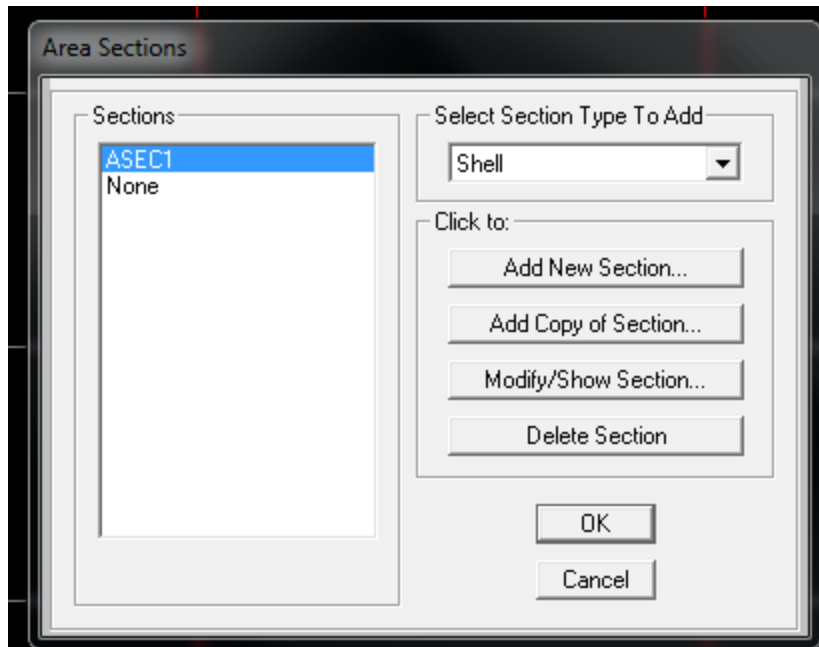




Draw area: rectangular/poly area



# Define area section/shell/shell thin



# Seleziona/Edit/Edit Areas/Divide areas/

Divide Selected Areas

Divide Area Into This Number of Objects (Quads and Triangles Only)

Along Edge from Point 1 to 2

Along Edge from Point 1 to 3

Divide Area Into Objects of This Maximum Size (Quads and Triangles Only)

Along Edge from Point 1 to 2

Along Edge from Point 1 to 3

Divide Area Based On Points On Area Edges (Quads and Triangles Only)

Points Determined From:

Intersections of Visible Straight Grid Lines With Area Edges

Intersections of Selected Straight Line Objects With Area Edges

Selected Point Objects On Area Edges

Divide Area Using Cookie Cut Based On Selected Straight Line Objects

Extend All Lines To Intersect Area Edges

Divide Area Using Cookie Cut Based On Selected Point Objects

Rotation of Cut Lines From Area Local Axes (Deg)

Divide Area Using General Divide Tool Based On Selected Points and Lines

Maximum Size of Divided Object

Units:

Local Axes For Added Points

Make same on Edge if adjacent corners have same local axes definition

Make same on Face if all corners have same local axes definition

Restrains and Constraints For Added Points

Add on Edge when restrains/constraints exist at adjacent corner points  
(Applies if added edge point and adjacent corner points have same local axes definition)

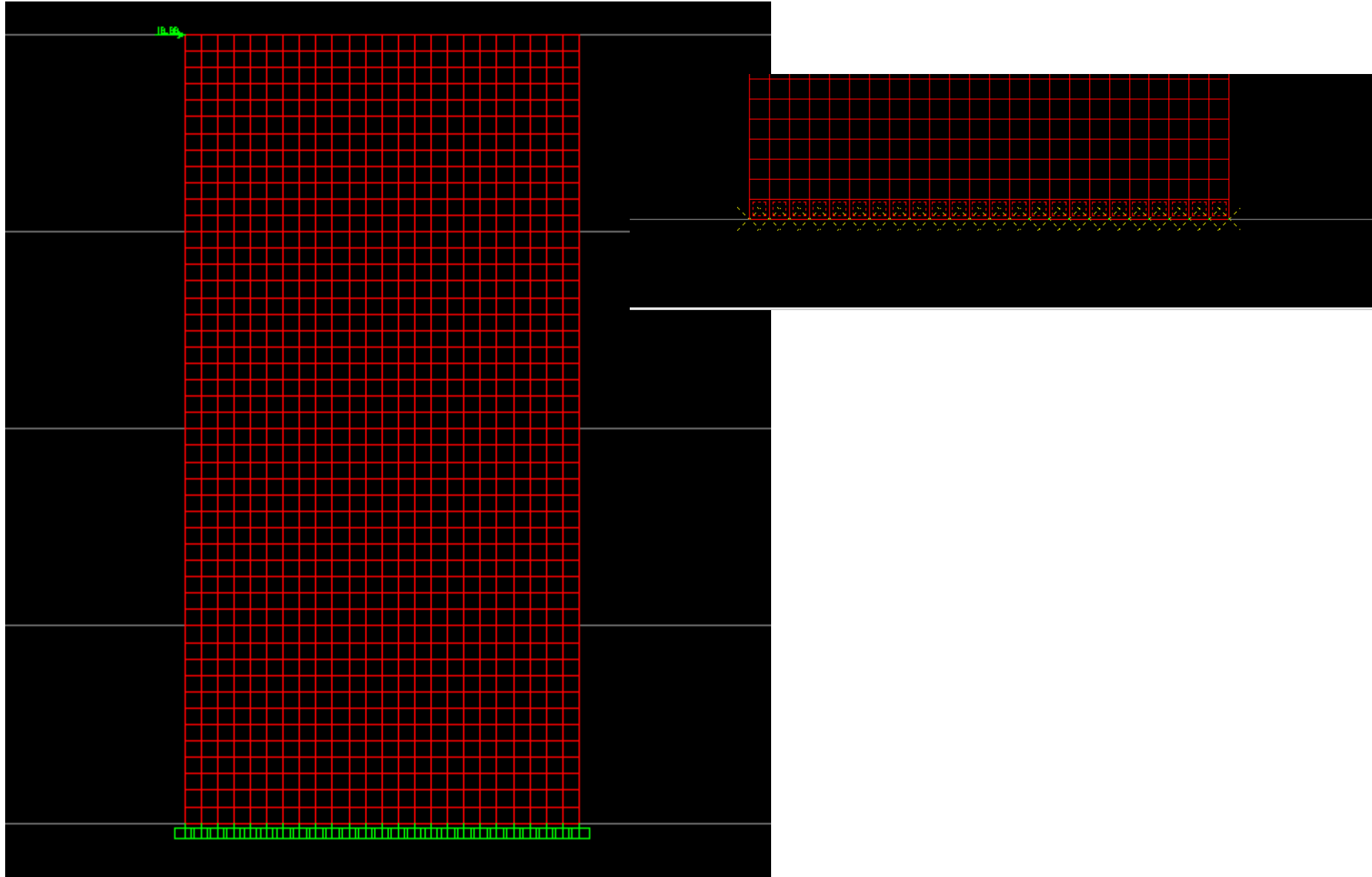
Add on Face when restrains/constraints exist at all corner points  
(Applies if added face point and all corner points have same local axes definition)

OK

Cancel

Selezione nodi e shell di base/assign joint/restraints

Selezione nodo top/assign joint loads/forces



# Define/groups/Selection/section cut definition


**Group Definition**

**Group Name** Gruppo1

Group Uses

<input checked="" type="checkbox"/> Selection	<input type="checkbox"/> StaticNL Structure Stage
<input checked="" type="checkbox"/> Section Cut Definition	<input type="checkbox"/> Bridge Response Output
<input type="checkbox"/> Steel Frame Design Group	<input type="checkbox"/> Auto Seismic Force Output
<input type="checkbox"/> Concrete Frame Design Group	<input type="checkbox"/> Auto Wind Force Output
<input type="checkbox"/> Aluminum Design Group	<input type="checkbox"/> Mass and Weight Output
<input type="checkbox"/> Cold Formed Design Group	

Check/Uncheck All

Display Color 

OK Cancel

# Define/groups/Selection/section cut definition

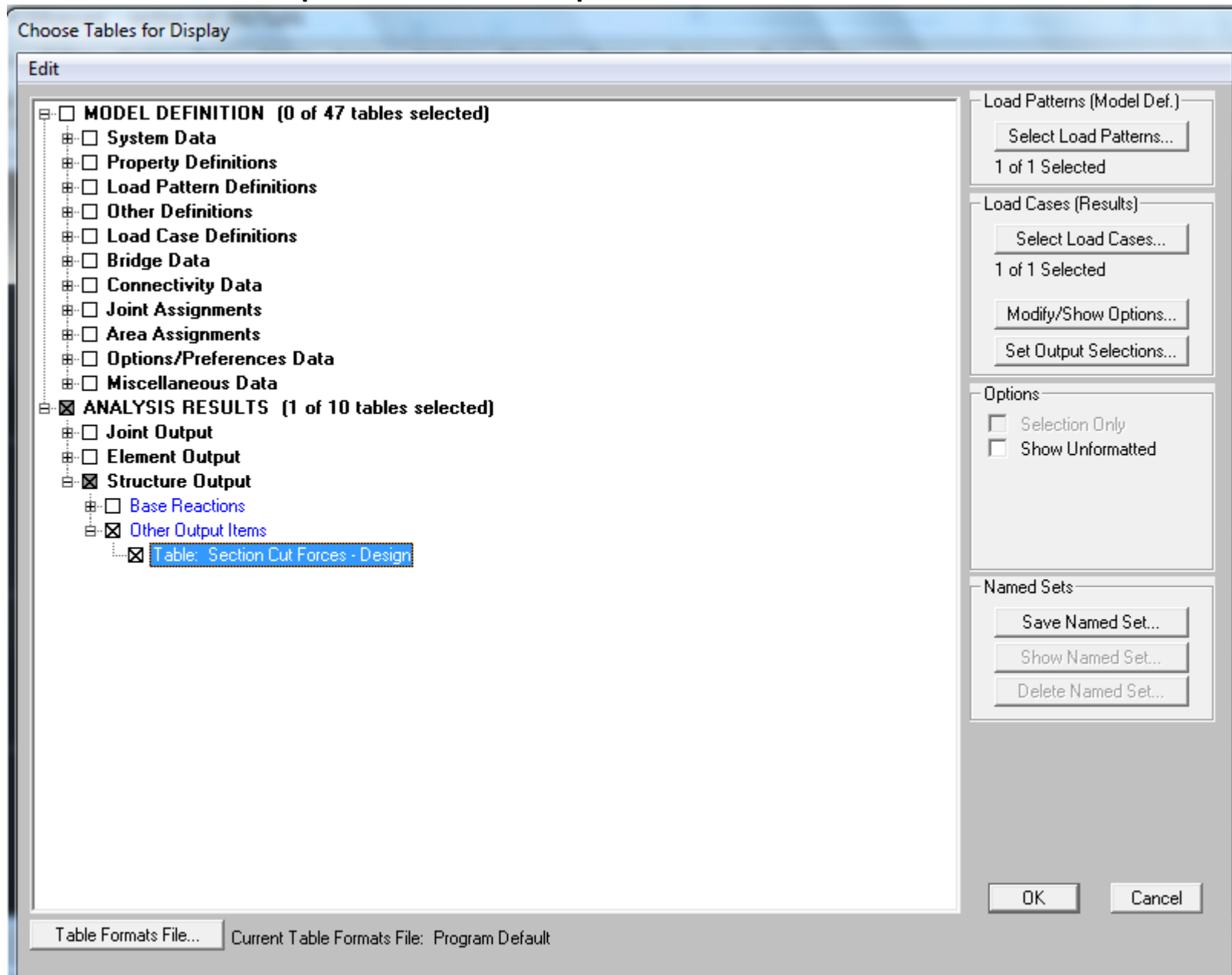
**Section Cut Data**

Edit

<b>Section Cut Name</b> SCUT1	<b>Coordinate System</b> GLOBAL	<b>Units</b> KN, m, C
<b>Section Cut Defined By</b> <input checked="" type="radio"/> Group <input type="radio"/> Quadrilateral Cutting Planes	<b>Results Reported Are On This Side of Elements</b> <input checked="" type="radio"/> Top <input type="radio"/> Bottom	
<b>Section Cut Group</b> Group Gruppo1		
<b>Section Cut Result Type</b> <input type="radio"/> Analysis (F1, F2, F3, M1, M2, M3) <input checked="" type="radio"/> Design (P, V2, V3, T, M2, M3)		
<b>Results Reported at this Location</b> <input checked="" type="radio"/> Default <input type="radio"/> User Defined X Coordinate Y Coordinate Z Coordinate		
<b>Section Cut Local Axes Orientation - Design</b> <input checked="" type="radio"/> Wall <input type="radio"/> Spandrel <input type="radio"/> Slab Angle from Global X to Local 2	Wall: Local 1 axis is parallel to global Z. 2 and 3 axes lie in global XY plane. 0.	OK Cancel



# Display/Show tables/Analysis results/structure output/other output/section cut forces



# Display/Show Tables/Structure output/Other output/section cut forces/design

Section Cut Forces - Design

File View Format-Filter-Sort Select Options

Units: As Noted Section Cut Forces - Design

	SectionCut Text	OutputCase Text	CaseType Text	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m	M3 KN-m
▶	SCUT1	DEAD	LinStatic	-1385.512	10	0	0	0	120

È il momento flettente di una mensola alta 12 metri con una forza da 10 kN

Record: 1 of 1

Add Tables... Done

