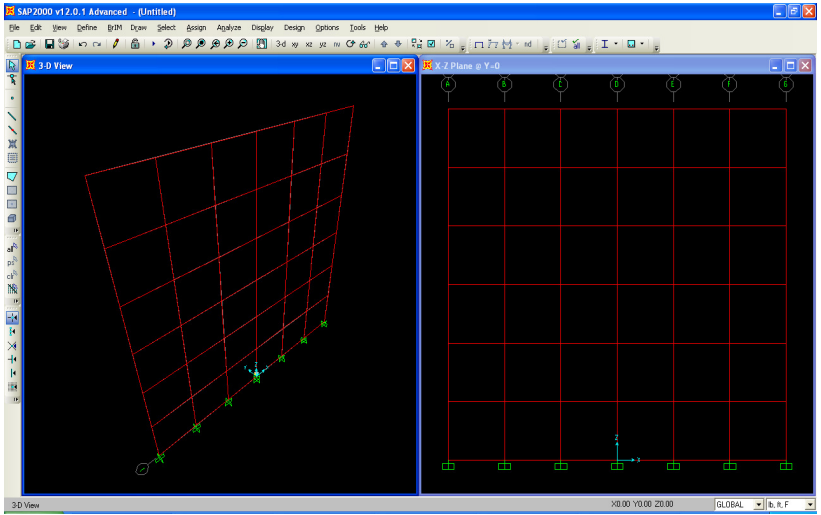
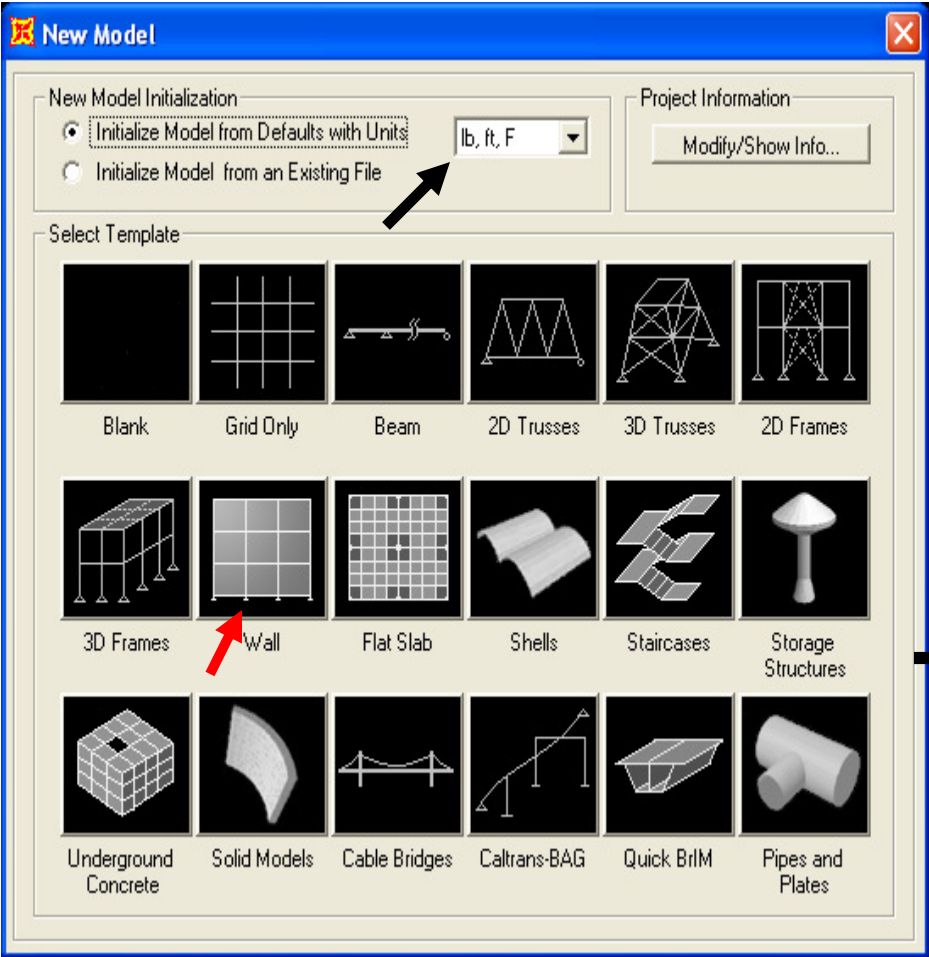
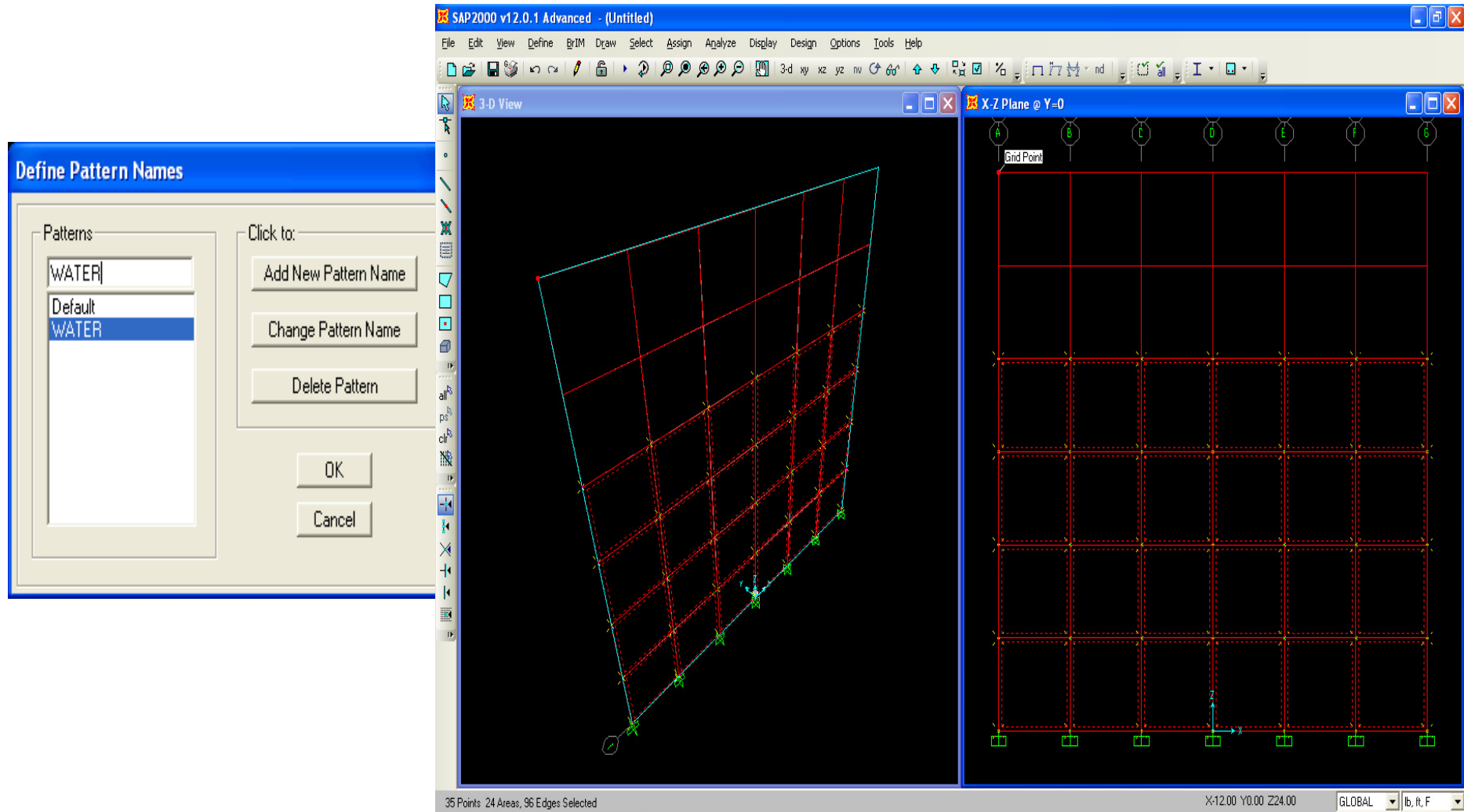



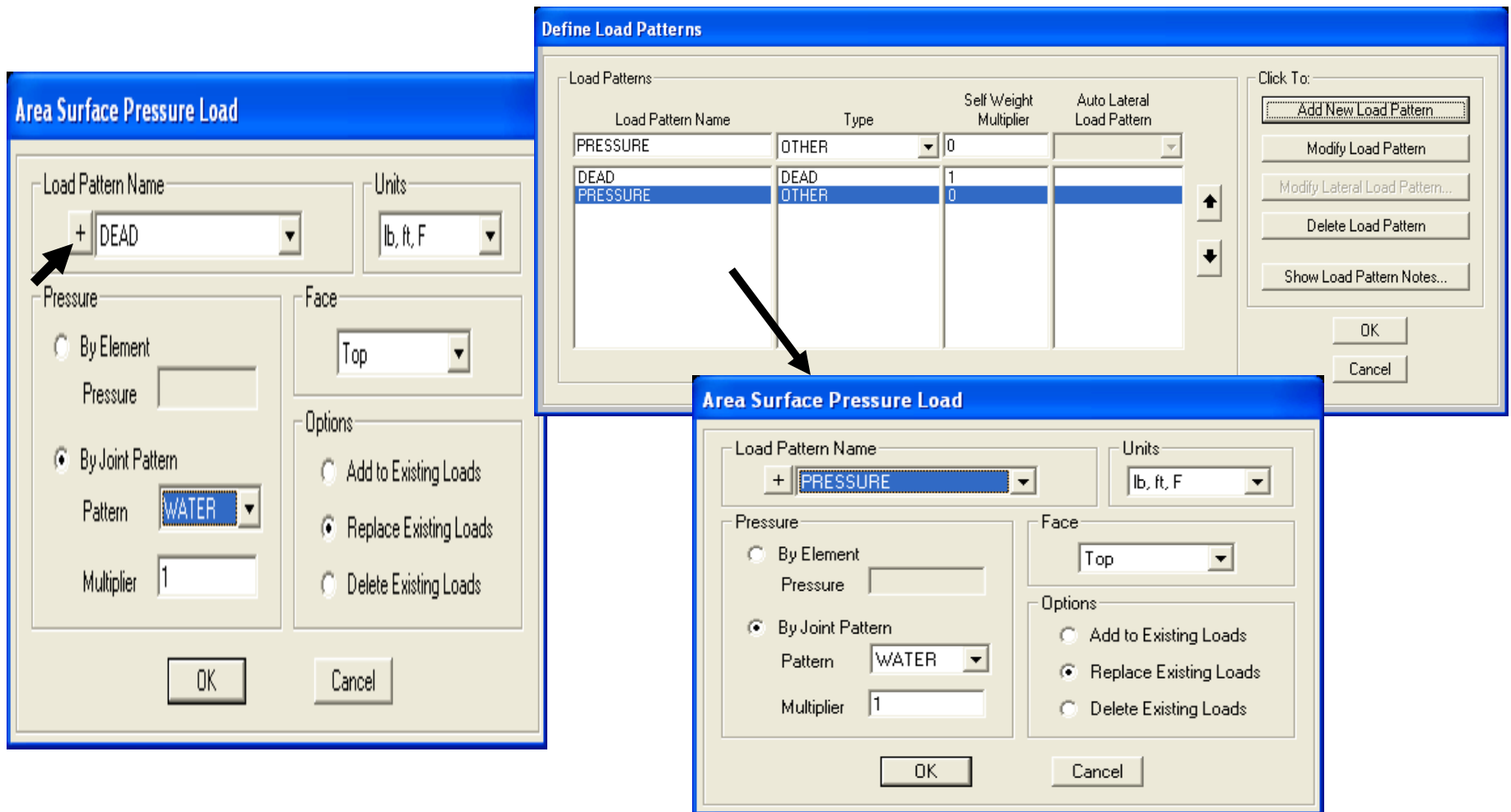
Start new model, change units to lb, ft and click Wall template and accept defaults by clicking OK



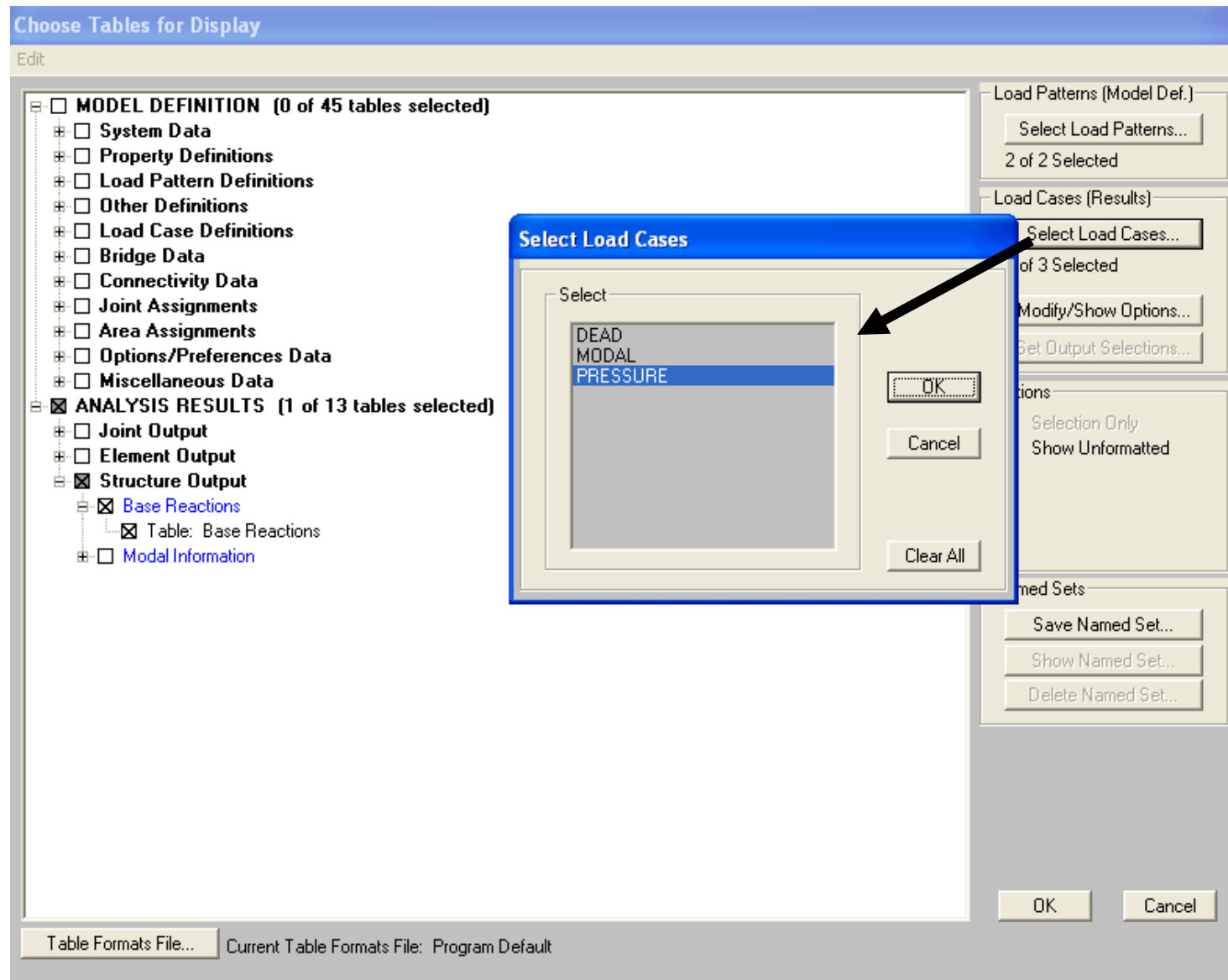
Go to Define menu>Joint patterns and add a joint pattern named Water. Next, select areas where you want to assign varying pressure load by windowing around them as shown below right



Click previous selection button  to reselect and Assign>Area loads>Surface pressure, click the + sign next to the DEAD load pattern load to define a new load pattern named PRESSURE as shown below right, press OK, then change area surface pressure load to the newly defined PRESSURE load pattern. Here you could apply a multiplier, but water is already scaled to G so just press OK



Run the analysis, then Display>Show tables. Here you can Select load case PRESSURE, then view base reactions to check results



Alternatively, we could have switched units before generating this table

The screenshot shows a software window titled "Base Reactions". At the top, there is a menu bar with "File", "View", "Format-Filter-Sort", "Select", and "Options". Below the menu bar, the units are set to "As Noted" and the table name is "Base Reactions". The table contains one row of data for a "PRESSURE" case of type "LinStatic". The columns represent various reaction components: GlobalFX (Lb), GlobalFY (Lb), GlobalFZ (Lb), GlobalMX (Lb-ft), GlobalMY (Lb-ft), GlobalMZ (Lb-ft), and GlobalX (ft). The values are: GlobalFX = 0, GlobalFY = -191692.8, GlobalFZ = 0, GlobalMX = 1022361.6, GlobalMY = 0, GlobalMZ = 1.00000002654, and GlobalX = 0. At the bottom, there are navigation controls for records, showing "Record: 1 of 1", and buttons for "Add Tables..." and "Done".

	OutputCase Text	CaseType Text	GlobalFX Lb	GlobalFY Lb	GlobalFZ Lb	GlobalMX Lb-ft	GlobalMY Lb-ft	GlobalMZ Lb-ft	GlobalX ft
▶	PRESSURE	LinStatic	0	-191692.8	0	1022361.6	0	1.00000002654	0