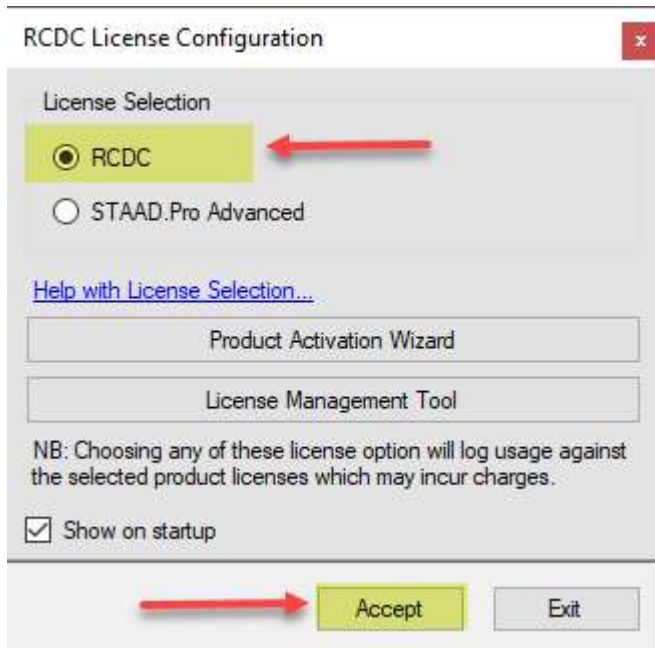


**Subject:** RAM + RCDC

You can import data from RSS from RCDC as follows:













Next browse to your RSS file and enter Project Details and select Design Code and elements to be designed, in this case Column & Wall:

Start

Open Project

Recent Projects

 ...\\ConcreteDesign-Slab-1-5.5m.rcdx  
 ...\\ConcreteDesign-Beam-1-5.5m.rcdx  
 ...\\Backup\\ConcreteDesign-Column-1.rcdx  
 ...\\Building Planner\\BP20-Slab-1-8m.rcdx  
 ...\\Staad Files\\Sample 2 - Slab Design.rcdx  
 ...\\ConcreteDesign-Beam-1-5.5m.rcdx  
 ...\\Building Planner\\T1-Column-1.rcdx  
 ...\\Building Planner\\T1-Beam-1-12m.rcdx  
 ...\\Building Planner\\T1-Slab-1-8m.rcdx  
 ...\\Structure1 per rcdc-Beam-1-6m.rcdx

Open Project

New Project

Project Details

Project:

Client:

Engineer:

Design Code:

Analysis Data

Select Staad Pro (\*.std) or E-tabs (\*.mdb) or E-tabs (\*.edb) or RAM SS (\*.rss) file

Design Element

☐ Pile cap

☐ Footing

☒ Column & Wall

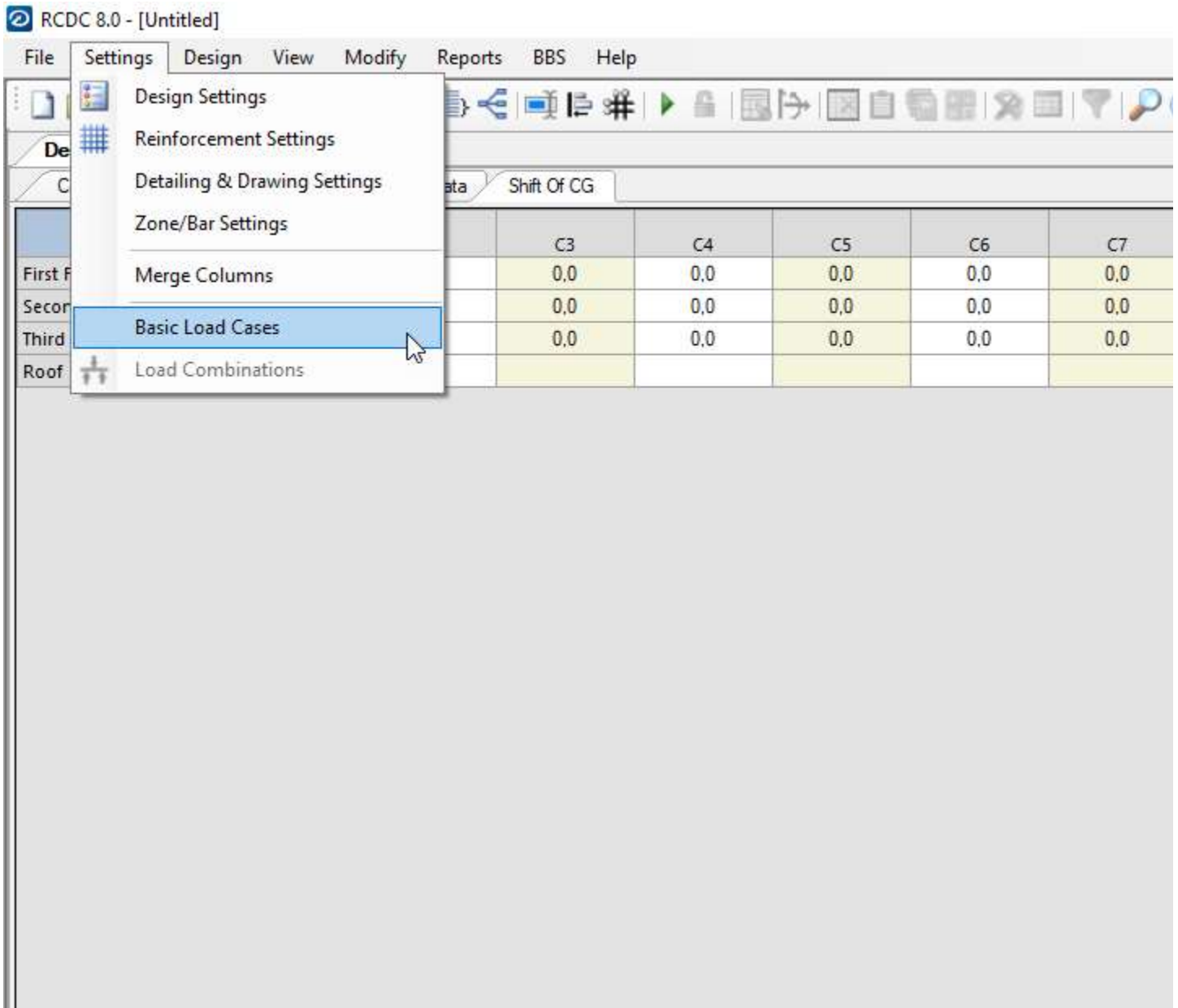
☐ Beam

☐ Slab

Create New Project

Then Create a New Project.

Select Settings – Basic Load Cases:



In the dialog box below:

Basic Load Cases

Analysis Load Cases	Load Type		Type	Primary
DeadLoad	Dead Load	>>		
Wind_BS_X	Wind X	<<		
Wind_BS_Y	Wind Y			
Wind_BS_Fx+E	Wind X	D++		
Wind_BS_Fx-E	Wind X	L++		
Wind_BS_Fy+E	Wind Y			
Wind_BS_Fy-E	Wind Y			
Live Reducible Sum Analysis Case	Reducible Live	Σ		
Live Unreducible Sum Analysis Case	Live Load			

Import Load Cases & Combinations

OK

Pair the Analysis Load Cases with the Load Case titles in RCDC. Then transfer all the load cases to the Primary Load Cases:

Basic Load Cases

Analysis Load Cases	Load Type		Type	Primary Load Cases
DeadLoad	Dead Load	>>	LL	Live Unreducible Sum Analysis Case
Wind_BS_X	Wind X	<<	DL	DeadLoad
Wind_BS_Y	Wind Y		WL-X	Wind_BS_X
Wind_BS_Fx+E	Wind X	D++	WL-Y	Wind_BS_Y
Wind_BS_Fx-E	Wind X	L++	WL-X	Wind_BS_Fx+E
Wind_BS_Fy+E	Wind Y	Σ	WL-X	Wind_BS_Fx-E
Wind_BS_Fy-E	Wind Y		WL-Y	Wind_BS_Fy+E
Live Reducible Sum Analysis Case	Reducible Live		WL-Y	Wind_BS_Fy-E
Live Unreducible Sum Analysis Case	Live Load		RL	Live Reducible Sum Analysis Case

Import Load Cases & Combinations

OK

In the next dialog box you have two options to generate combinations:

1. Use a template:

Load Combinations

Design

Analysis No	DeadLoad	Live Unreducible Sum Analysis Case	Live Reducible Sum Analysis Case	Wind_BS_X	Wind_BS_Fx+E	Wind_

<

For Regular Struc

For Irregular Struc

Add from Templa

View / Edit Template

Export Load Cases & Combinations

To obtain:

## Load Combinations

Design

Analysis No		DeadLoad	Live Unreducible Sum Analysis Case	Live Reducible Sum Analysis Case	Wind_BS_X	Wind_BS_Fx+E	Wind_
	<input checked="" type="checkbox"/>	1.35	1.5				
	<input checked="" type="checkbox"/>	1.35		1.5			
	<input checked="" type="checkbox"/>	1.35	1.5		1.5		
	<input checked="" type="checkbox"/>	1.35		1.5	1.5		
	<input checked="" type="checkbox"/>	1.35	1.5			1.5	
	<input checked="" type="checkbox"/>	1.35		1.5		1.5	
	<input checked="" type="checkbox"/>	1.35	1.5				1
	<input checked="" type="checkbox"/>	1.35		1.5			1
	<input checked="" type="checkbox"/>	1.35	1.5		-1.5		
	<input checked="" type="checkbox"/>	1.35		1.5	-1.5		
	<input checked="" type="checkbox"/>	1.35	1.5			-1.5	
	<input checked="" type="checkbox"/>	1.35		1.5		-1.5	
	<input checked="" type="checkbox"/>	1.35	1.5				-1
	<input checked="" type="checkbox"/>	1.35		1.5			-1

1.35(DeadLoad) +1.5(Live Unreducible Sum Analysis Case)

View / Edit Template

Add from Template

Export Load Cases & Combinations

2. Add Load Combinations generated in the RSS:

## Load Combinations

Design

	DeadLoad	Live Unreducible Sum Analysis Case	Live Reducible Sum Analysis Case	Wind_BS_X	Wind_BS_Fx+E	Wind_BS_Fx-E
<input checked="" type="checkbox"/>	1.4					
<input checked="" type="checkbox"/>	1.4	1.6	1.6			
<input type="checkbox"/>	1					
<input checked="" type="checkbox"/>	1	1.6	1.6			
<input checked="" type="checkbox"/>	1.2	1.2	1.2			
<input checked="" type="checkbox"/>	1.2	1.2	1.2	1.2		
<input checked="" type="checkbox"/>	1.2	1.2	1.2			
<input checked="" type="checkbox"/>	1.2	1.2	1.2		1.2	
<input checked="" type="checkbox"/>	1.2	1.2	1.2			1.2
<input checked="" type="checkbox"/>	1.2	1.2	1.2			
<input checked="" type="checkbox"/>	1.2	-1.2	-1.2			
<input checked="" type="checkbox"/>	1.2	1.2	1.2	-1.2		
<input checked="" type="checkbox"/>	1.2	1.2	1.2			
<input checked="" type="checkbox"/>	1.2	1.2	1.2		-1.2	

3 : (DeadLoad)

View / Edit Template

Add from Template

Export Load Cases & Combinations