



DWELUP CORPORATION

STRUCTURAL DESIGN INPUT CHECKLIST

Pre-Design Technical Information & Project Data Collection

Use this checklist to collect the required inputs before starting structural analysis and design.

Project / Client	Date	Checked By	Project Type

SECTION A	PROJECT INFORMATION	
1.	Project name / reference	<input type="checkbox"/>
2.	Client name	<input type="checkbox"/>
3.	Site location / address	<input type="checkbox"/>
4.	Project type (house / villa / commercial / office / mixed use / other)	<input type="checkbox"/>
5.	Number of floors / stories	<input type="checkbox"/>
6.	Proposed use of structure	<input type="checkbox"/>
7.	Design stage (concept / preliminary / final)	<input type="checkbox"/>

SECTION B	ARCHITECTURAL & GEOMETRY INPUTS	
8.	Architectural plans available	<input type="checkbox"/>
9.	Floor plans finalized	<input type="checkbox"/>
10.	Elevations available	<input type="checkbox"/>
11.	Sections available	<input type="checkbox"/>
12.	Grid layout defined	<input type="checkbox"/>
13.	Column positions marked	<input type="checkbox"/>
14.	Beam layout available	<input type="checkbox"/>
15.	Slab system identified	<input type="checkbox"/>
16.	Staircase location defined	<input type="checkbox"/>
17.	Roof layout available	<input type="checkbox"/>
18.	Floor-to-floor heights confirmed	<input type="checkbox"/>

SECTION C	SITE & FOUNDATION DATA	
19.	Soil report available	<input type="checkbox"/>
20.	SBC / allowable bearing capacity known	<input type="checkbox"/>
21.	Ground water level known	<input type="checkbox"/>
22.	Site level / survey available	<input type="checkbox"/>
23.	Foundation type proposed	<input type="checkbox"/>
24.	Basement / retaining walls required?	<input type="checkbox"/>
25.	Adjacent structures considered	<input type="checkbox"/>

SECTION D	MATERIAL & LOAD INPUTS	
26.	Concrete grade confirmed	<input type="checkbox"/>
27.	Steel grade confirmed	<input type="checkbox"/>
28.	Masonry / wall type confirmed	<input type="checkbox"/>
29.	Floor finish loads known	<input type="checkbox"/>
30.	Wall loads considered	<input type="checkbox"/>
31.	Live loads identified	<input type="checkbox"/>
32.	Roof loads identified	<input type="checkbox"/>
33.	Water tank loads considered	<input type="checkbox"/>
34.	Stair loads considered	<input type="checkbox"/>
35.	Equipment / special loads considered	<input type="checkbox"/>

SECTION E	DESIGN CRITERIA & ANALYSIS INPUTS	
36.	Wind load parameters available	<input type="checkbox"/>
37.	Seismic zone / parameters available	<input type="checkbox"/>
38.	Applicable design code selected	<input type="checkbox"/>
39.	Load combinations defined	<input type="checkbox"/>
40.	Deflection criteria defined	<input type="checkbox"/>
41.	Serviceability criteria defined	<input type="checkbox"/>
42.	Structural system selected	<input type="checkbox"/>
43.	Expansion joint requirement checked	<input type="checkbox"/>
44.	Irregularities identified	<input type="checkbox"/>

SECTION F	COORDINATION & DELIVERABLES	
45.	MEP coordination required	<input type="checkbox"/>
46.	Opening / shaft locations confirmed	<input type="checkbox"/>
47.	Client special requirements noted	<input type="checkbox"/>
48.	Required deliverables defined	<input type="checkbox"/>
49.	BOQ / estimation required	<input type="checkbox"/>
50.	Bar bending schedule required	<input type="checkbox"/>
51.	3D structural model required	<input type="checkbox"/>
52.	Review comments / pending items	<input type="checkbox"/>

NOTES / REMARKS

ENGINEER SIGNATURE

DATE