Mara Ali Ghanem Second Stage

Speciality Coffee Roastery & Academy

SPIRAL

2026-5-7 Final Submit

Spiral Speciality Coffee Roastery & Academy

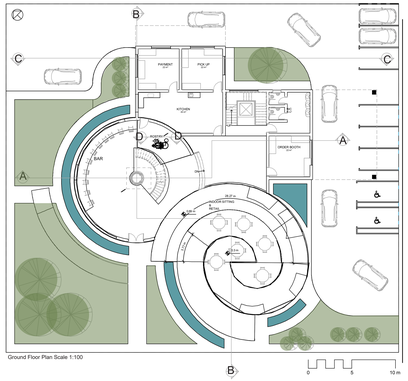
Concept: The Roasting Spiral

The design translates the spiral kinetic energy of coffee beans inside a roaster into a coastal architectural form.

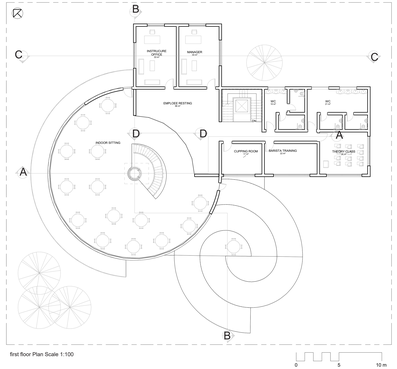
Spiral Dynamics: The continuous ramp mimics the centrifugal movement of beans, guiding users through a "roasting journey".

Meeting Logic: The cylindrical volume acts as the Roasting Chamber, while the rectangular block handles the Industrial Logistics.

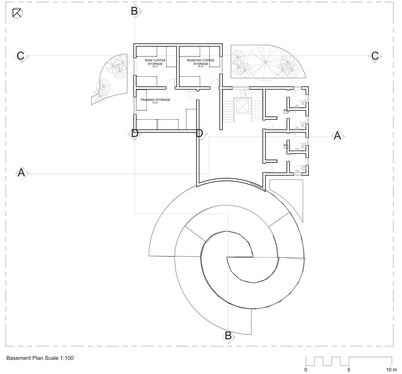
Plant Circulation: The transition from the ground floor to the upper levels follows the "Bean Evolution" principle, turning a functional process into a visual experience.



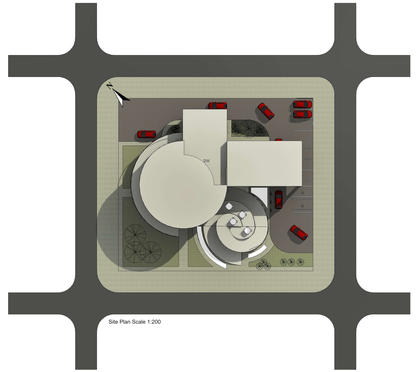
Ground Floor Plan Scale 1:100



first floor Plan Scale 1:100



Basement Plan Scale 1:100



Site Plan Scale 1:200

section A-A Scale 1:100

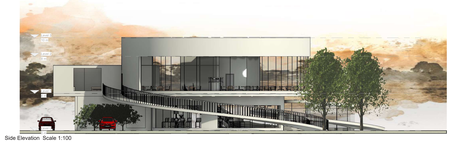
Section D-D Scale 1:50

Section B-B Scale 1:100

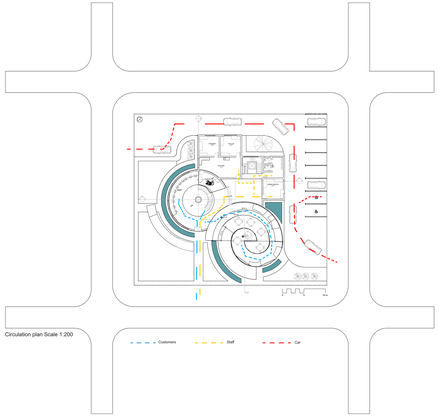
Section C-C Scale 1:100

Front Elevation Scale 1:100

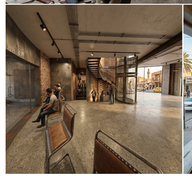
Side Elevation Scale 1:100



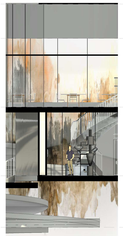
Side Elevation Scale 1:100



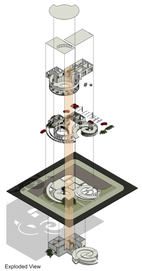
Circulation plan Scale 1:200



Interior



Section D-D Scale 1:50



Exploded View