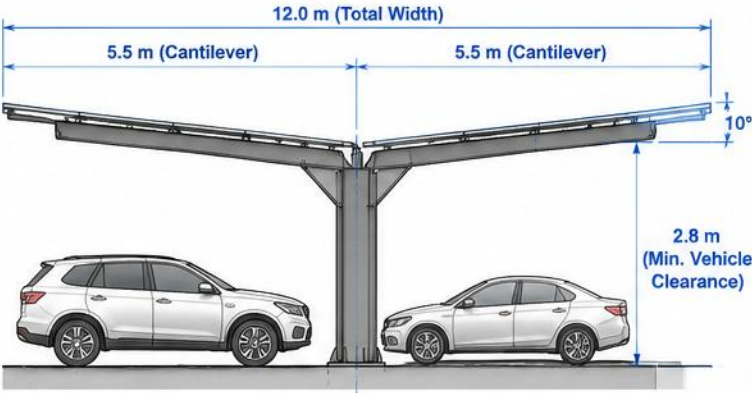
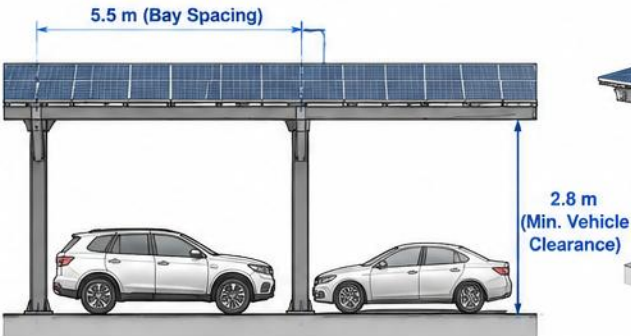


# Solar Carport Parking Canopy System

Dual-Cantilever Structure | 2 Vehicles (Nose-to-Nose)



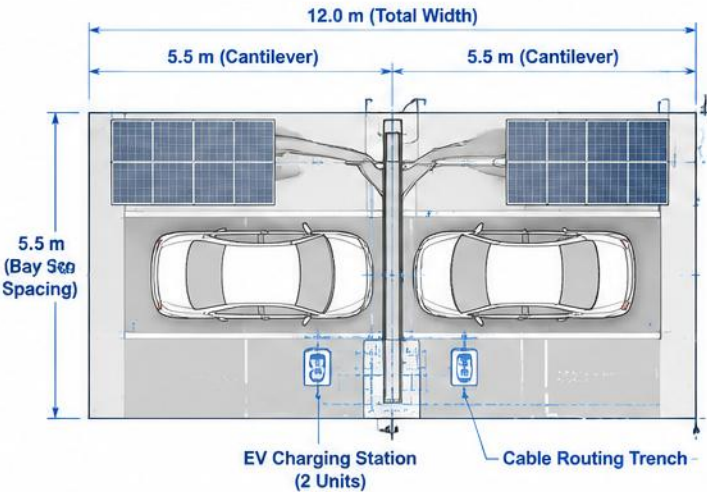
Front Elevation (Cross-section)  
Scale: 1:50



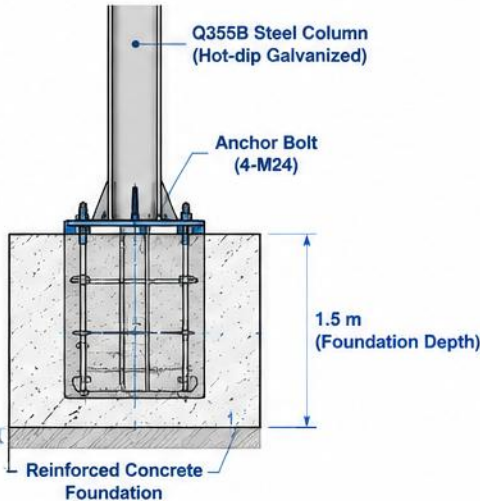
Side Elevation (Longitudinal View)  
Scale: 1:50



3D Isometric View  
Scale: N.T.S.



Site Layout Plan (Top View)  
Scale: 1:100



Foundation Reaction Moment  
& Anchor Cage Detail  
Scale: 1:20

| Main Specifications           |                                  |
|-------------------------------|----------------------------------|
| Total Width (Overall)         | 12.0 m                           |
| Cantilever Length (Each Side) | 5.5 m                            |
| Bay Spacing (Longitudinal)    | 5.5 m                            |
| Vehicle Clearance (Min.)      | 2.8 m                            |
| Tilt Angle (Solar Panels)     | 10°                              |
| Main Column                   | Q355B Steel (Hot-dip Galvanized) |
| Rafter Arm                    | Q355B Steel (Hot-dip Galvanized) |
| Foundation                    | Reinforced Concrete              |
| Anchor Bolts                  | M24 (4 pcs per column)           |

- Notes:
- All dimensions are in meters unless otherwise specified.
  - Structure designed for 2 vehicles (nose-to-nose).
  - Solar panels tilt angle: 10°.
  - Steel components are hot-dip galvanized for corrosion resistance.
  - Foundation size and rebar details to be confirmed by geotechnical report.