



CARVART®

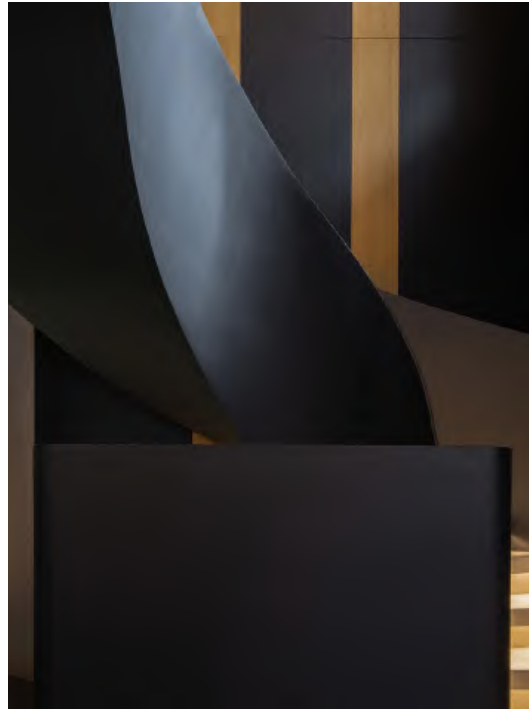
> **Staircases**



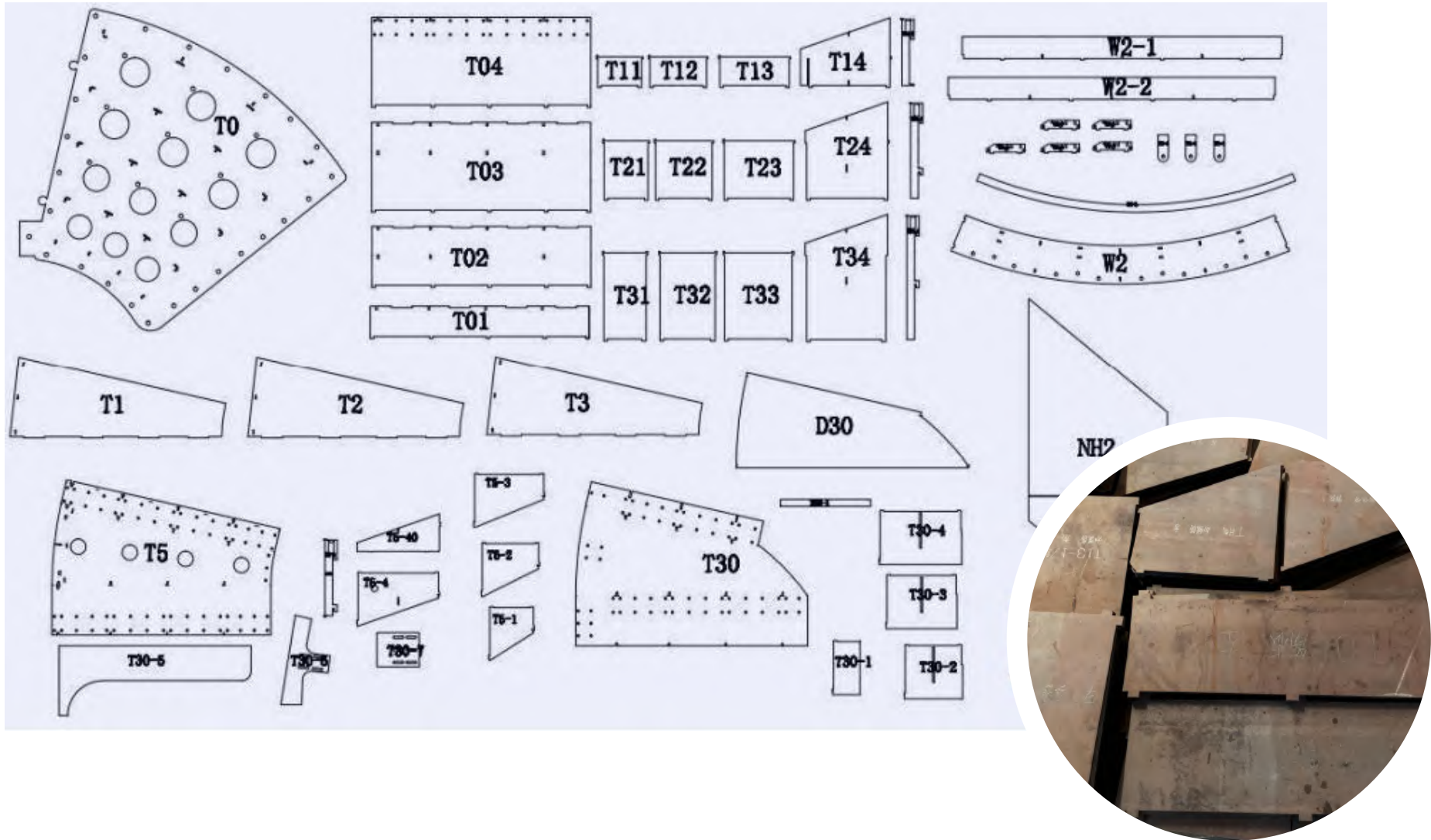


production team
seamless precision

production team
seamless precision



pre-fabricated approach



pre-fabricated approach

Prefabricated system delivered to the jobsite as a complete, factory-engineered kit of parts designed for efficient on-site assembly. The system typically includes pre-cut treads, a central column or structural spine, railing components, and connection hardware, all manufactured to precise tolerances to ensure proper fit and alignment.



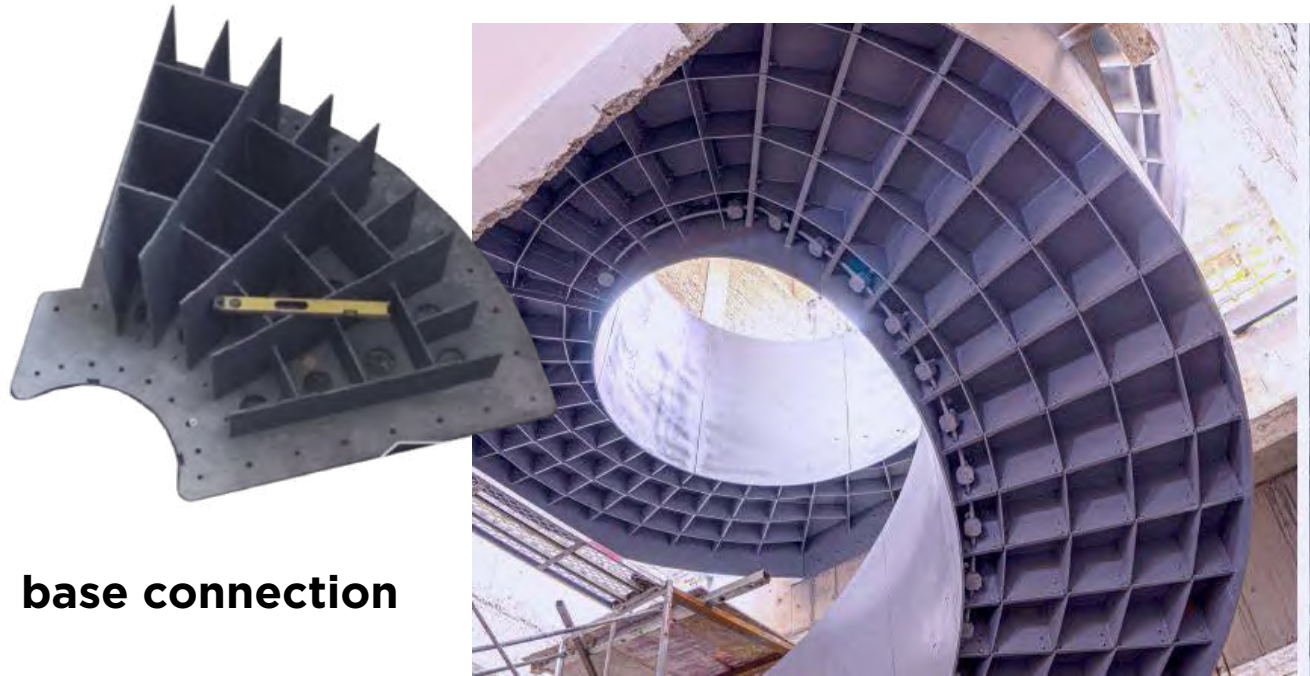
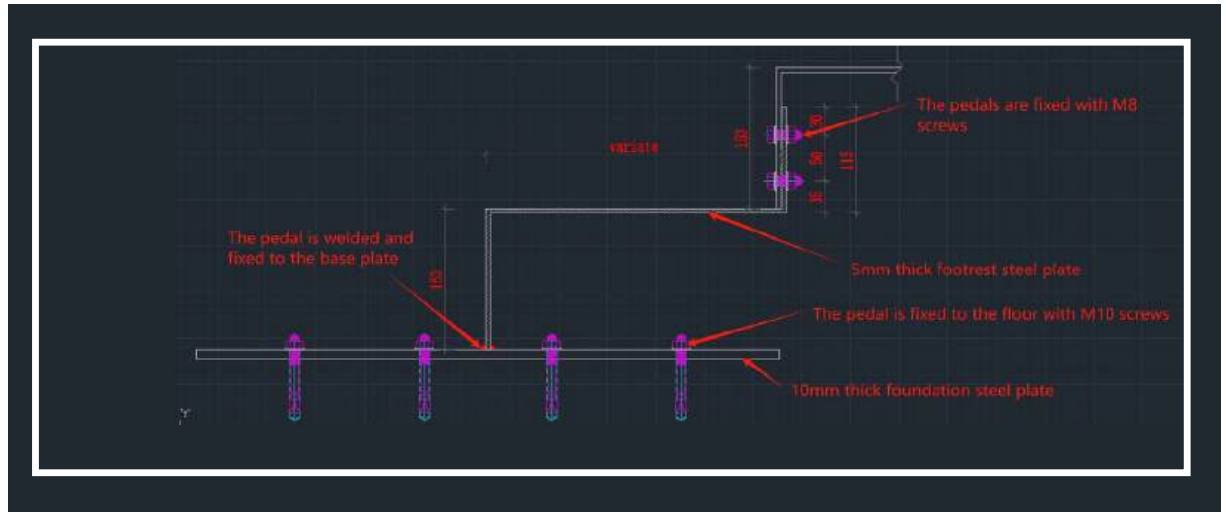
bolted treads





tread connection

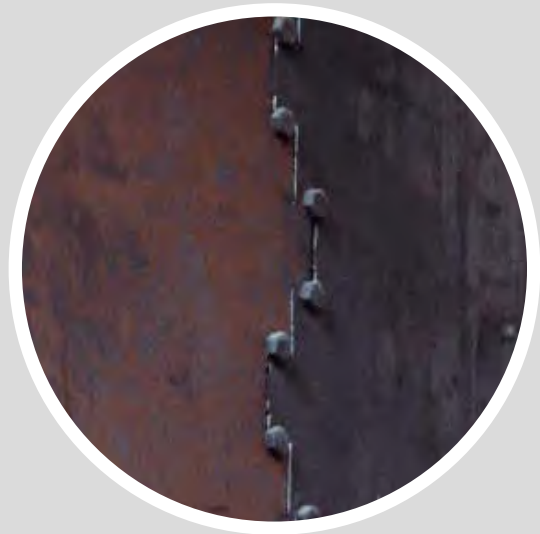
VIEW OF SECTIONAL DRAWINGS FOR FIXATION OF THE STAIR TREADS TO THE FRAME.



base connection

side wall connection methods 1

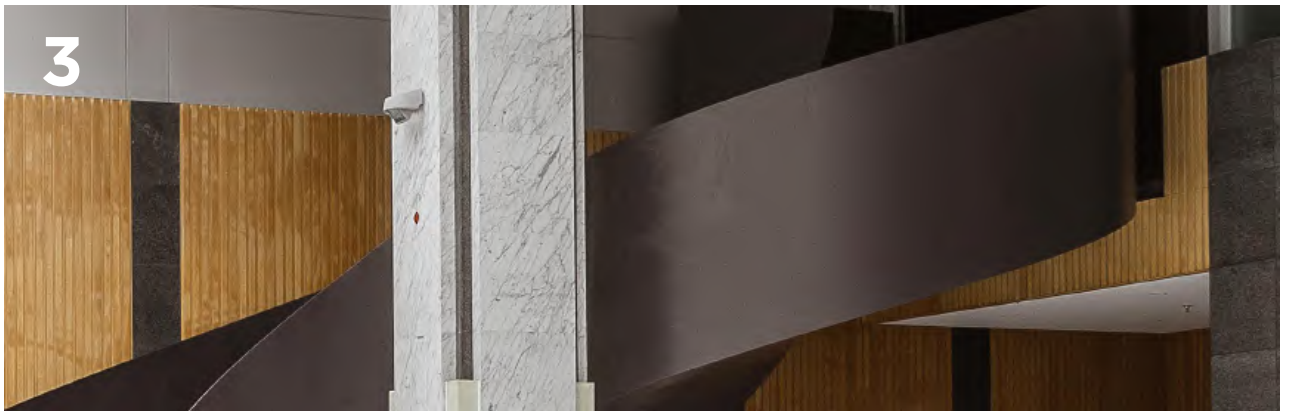
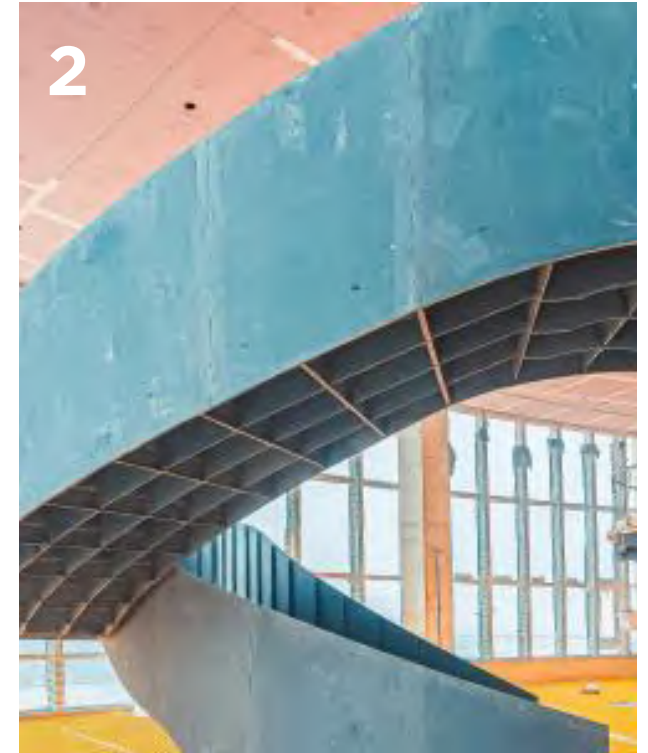
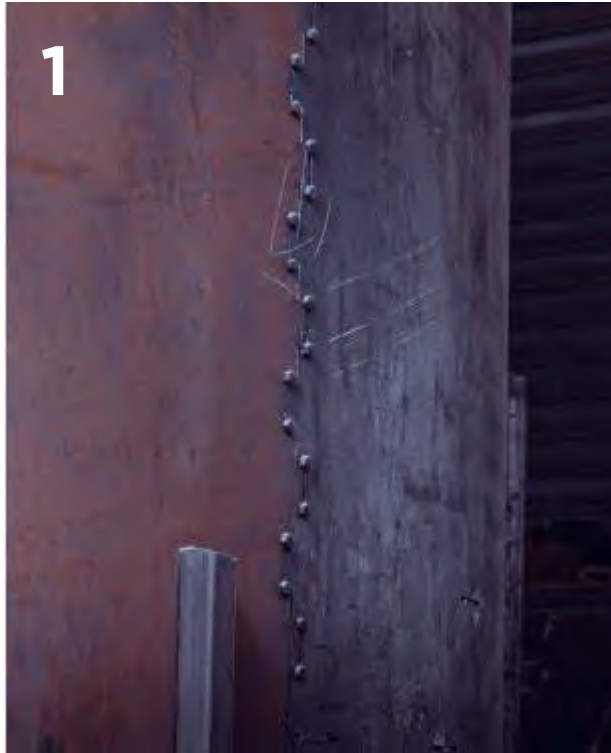
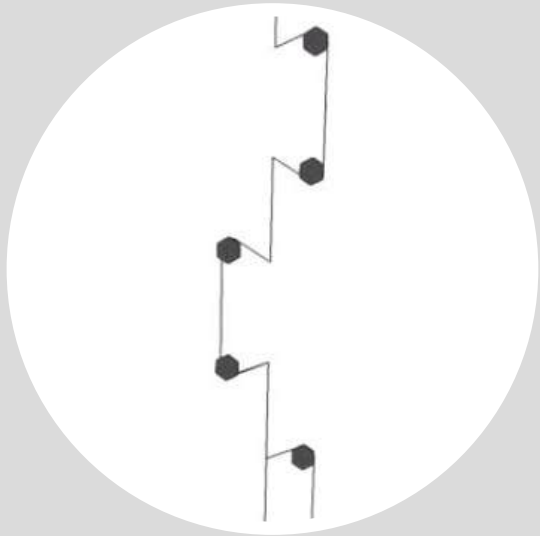
- **Welding**
- Bolting
- **Mortise-and-tenon joints**
- Full-penetration welding





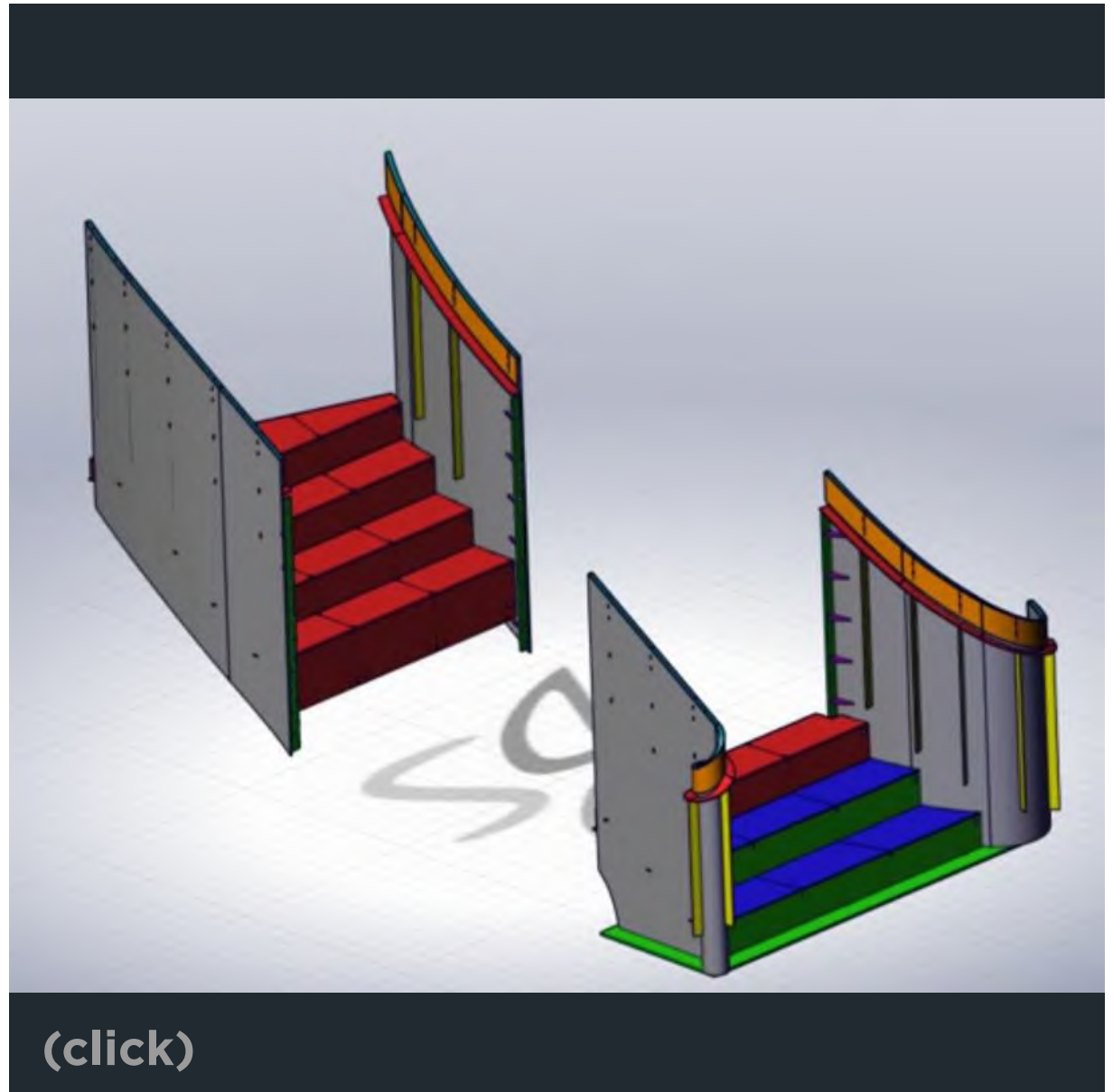
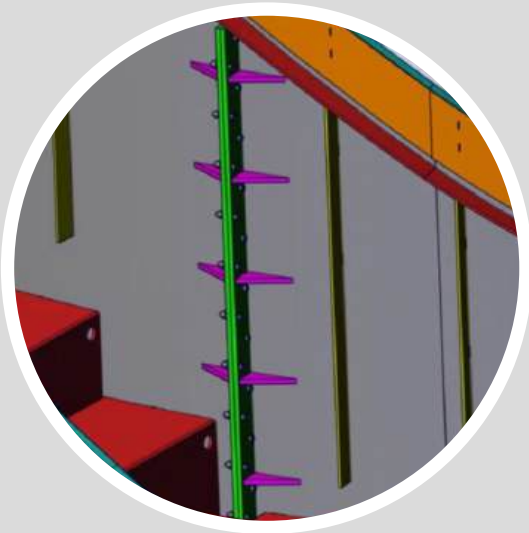
side wall connection methods 1

- **Welding**
- Bolting
- **Mortise-and-tenon joints**
- Full-penetration welding



side wall connection methods 2

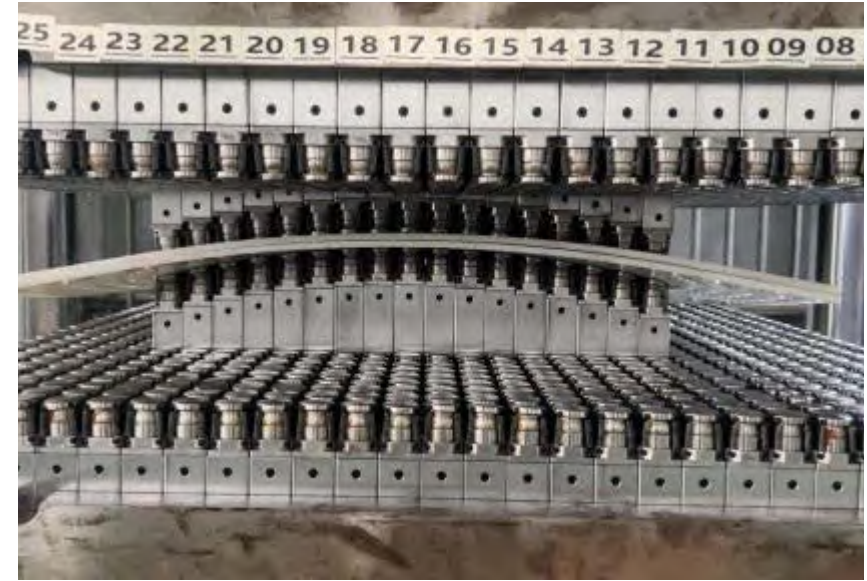
- **Welding**
- Bolting
- **Mortise-and-tenon joints**
- Full-penetration welding

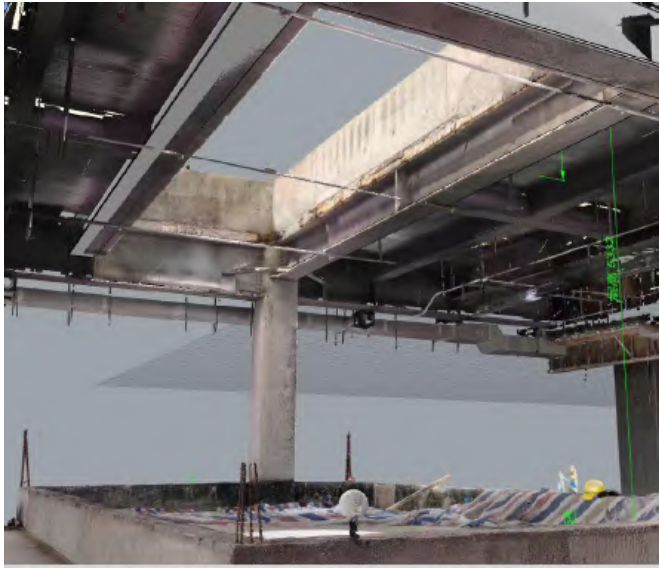




Factory Overview

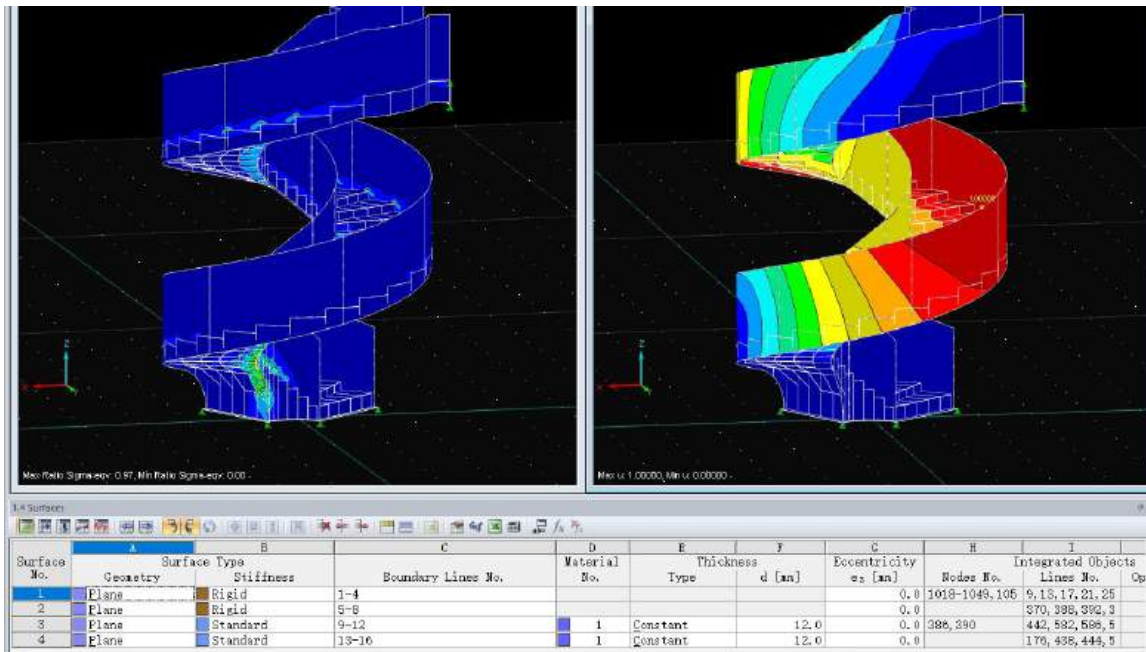
Achieving
Technical Precision





Overview: Our Approach

Spatial Mapping
+ Modeling

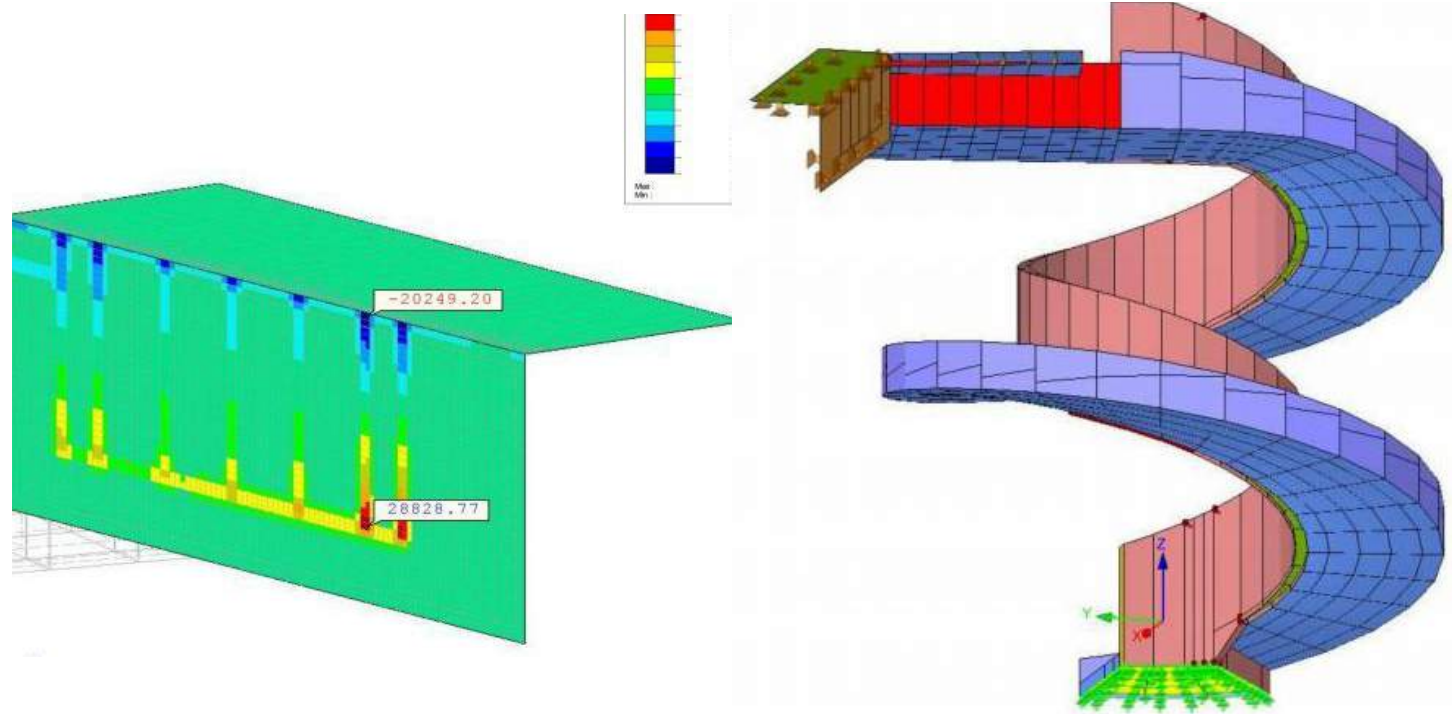


Load Testing
+ Structural Analysis



Our Approach

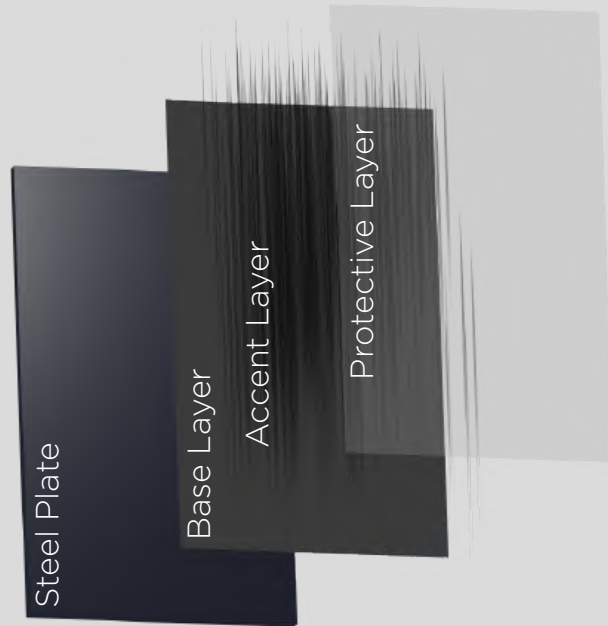
Load Testing
+ Structural Analysis



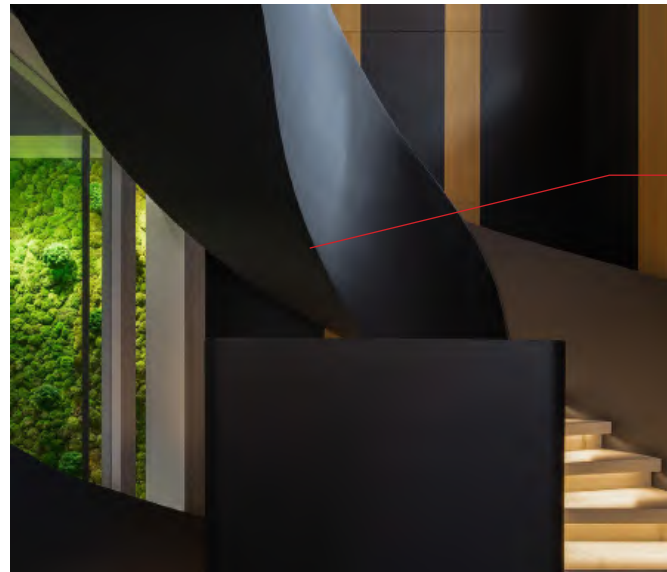
finish examples achieving depth



finish solution example

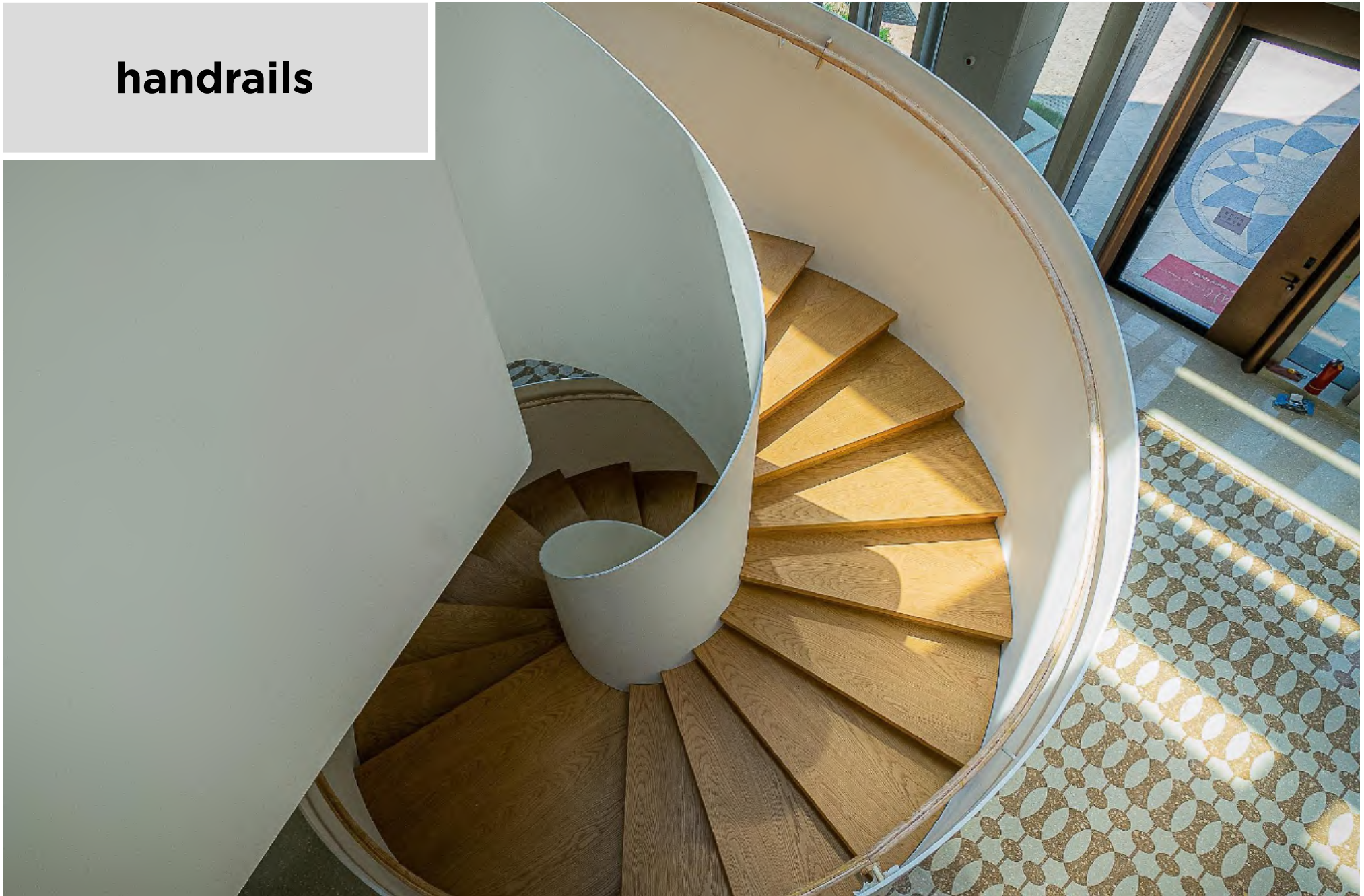


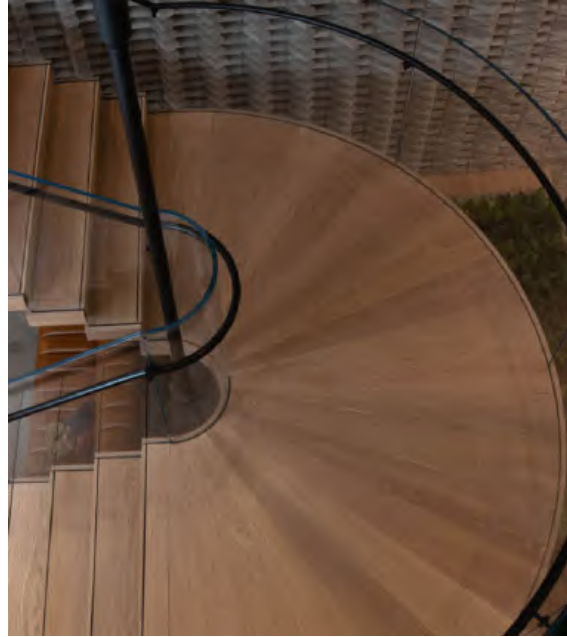
STEEL PLATE +
CUSTOM FINISH MATCHING



BOTTOM PLATE + SIDE WALLS
JOINT LINE NOT VISIBLE

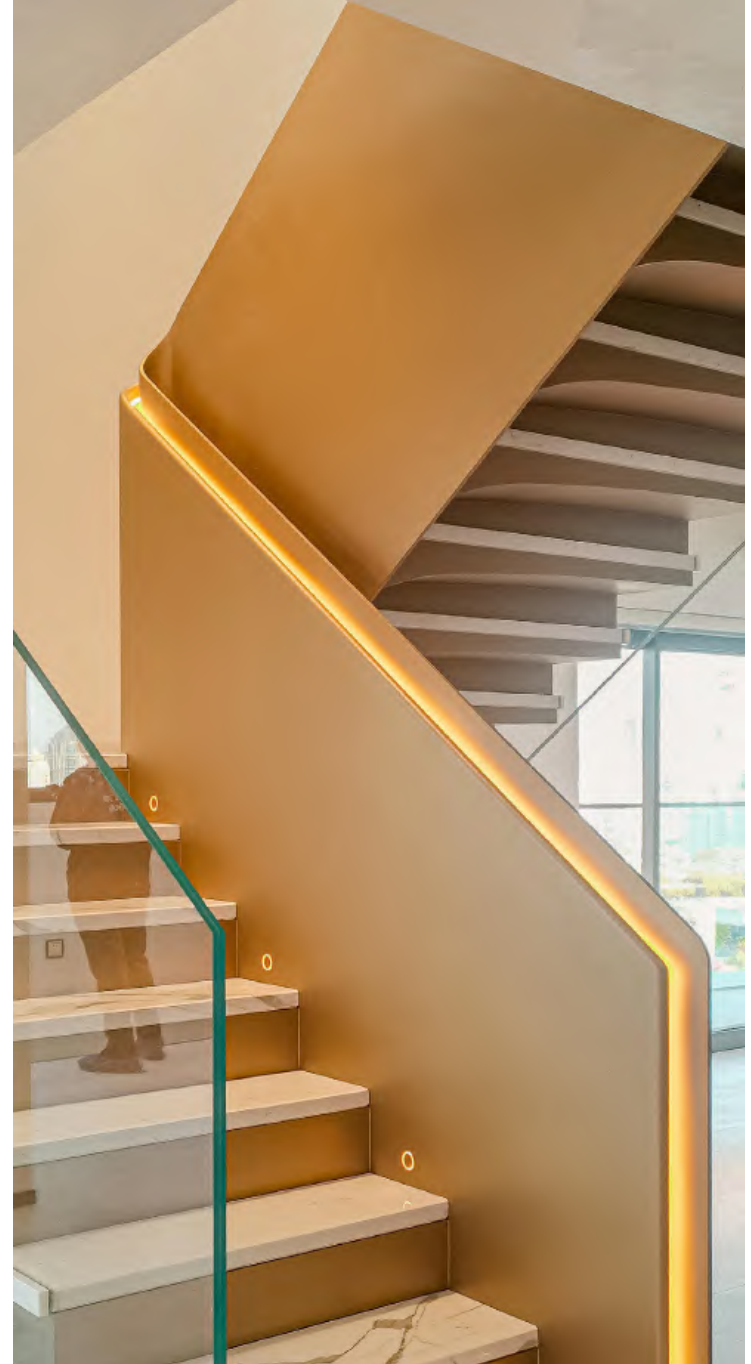
handrails



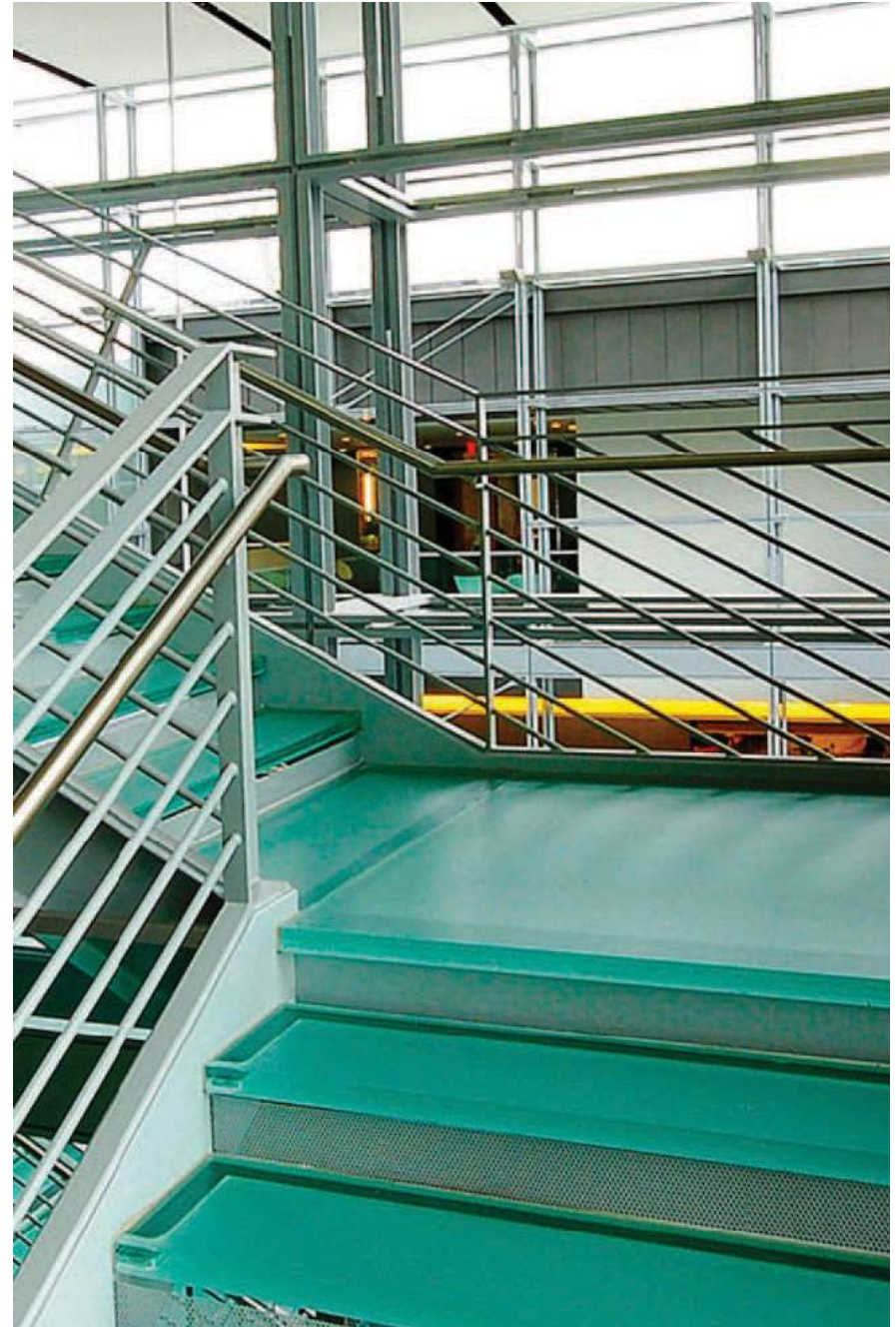
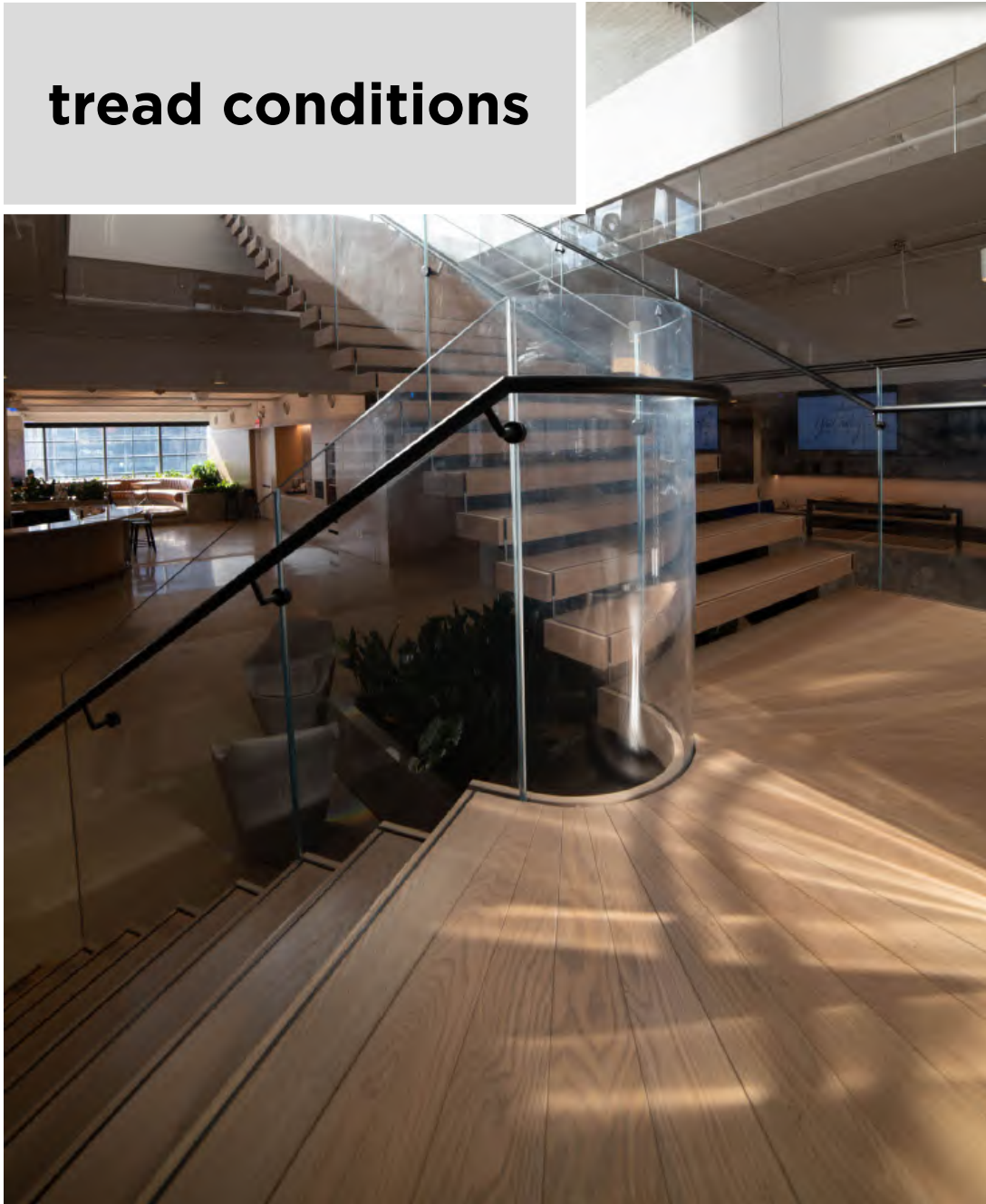


handrails





tread conditions



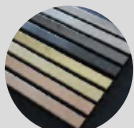
tread details



Materials



Glass



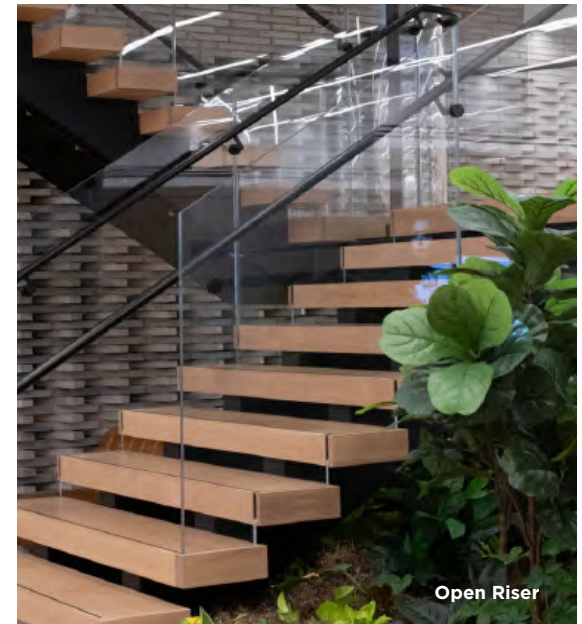
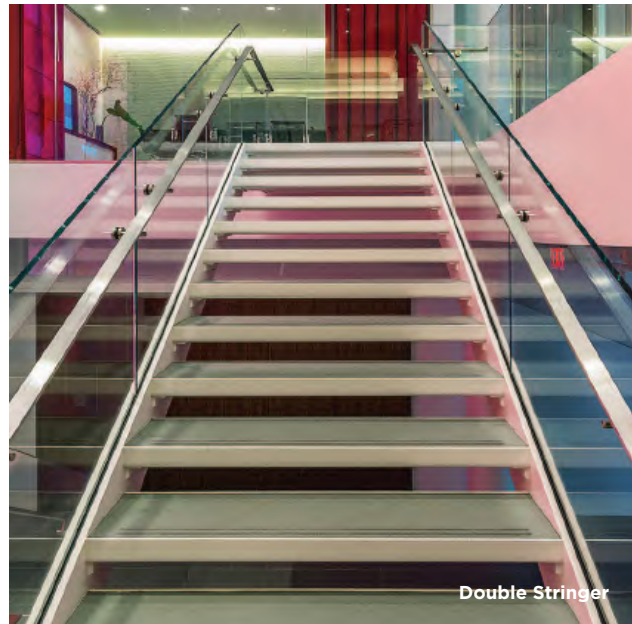
Metal

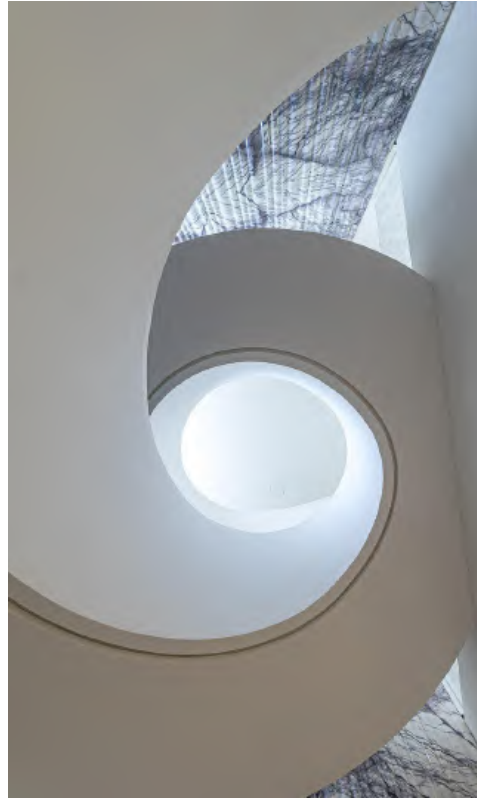


Wood

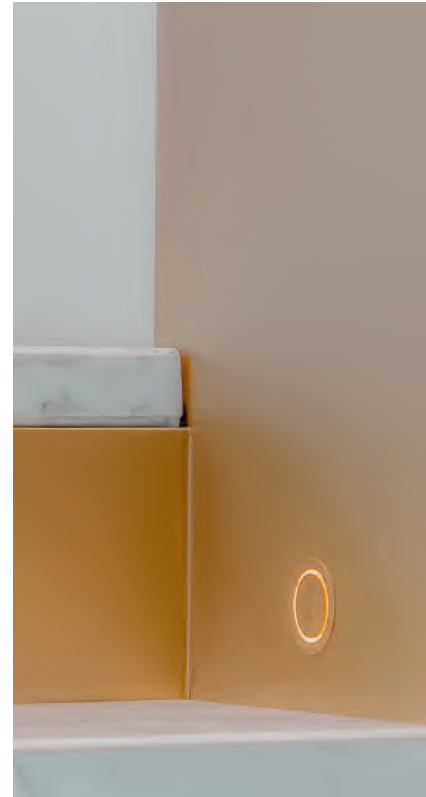


Stone





Elegant Continuity



Precision Welds



Complex Geometries



Clean Lines



Structurally Optimized



CARVART®