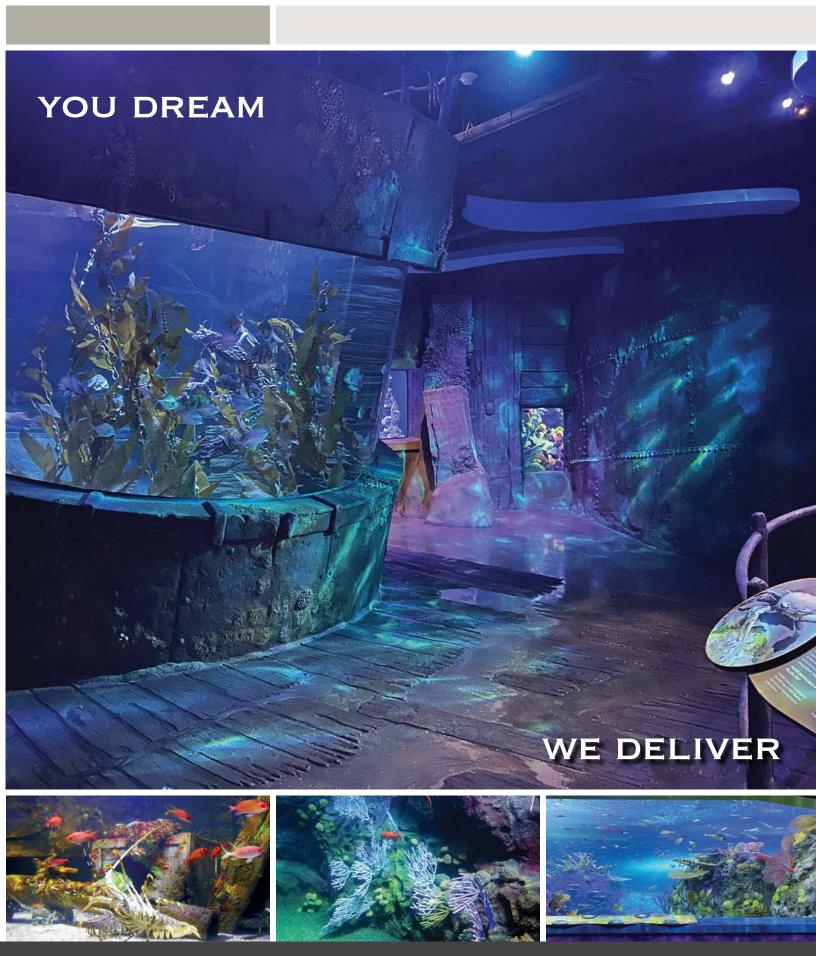


## **AQUARIUM FABRICATION**





cost has been a full-service exhibit fabricator for over six decades, and a member of AZA since 1971. Over the years, we have been actively involved in creating unique and inspiring underwater features within several million gallons of salt, brackish, and freshwater environments.

Our longevity in the exhibit fabrication industry has enabled us to meet unique challenges common in customized, one-of-a-kind projects. COST's highly qualified artisans and construction personnel work diligently to create aesthetically pleasing, realistic, cost-effective, and animal-safe exhibits. Our immersive environments are developed to engage aquarium and zoo patrons and better help them understand the amazing world in which we live.



Simulated coral created by COST is widely used in aquariums worldwide. We can create nearly any type of underwater environment utilizing our extensive library of Atlantic, Pacific, Indian Ocean, and Red Sea coral molds. COST also installs acrylic windows and life-support systems, offering a complete scope of services for aquarium projects both large and small.







# **AQUARIUM FABRICATION**















### FROM CONSULTATION TO COMPLETION...



#### **CONSULTATION & MODELS**

COST staff members can function as exhibit fabrication consultants. We can advise on material usage and constructability for simulated rock, mud banks, waterfalls, theme facades, artificial trees, and coral. During the pre-construction phase for most of our projects, we build a highly detailed three-dimensional model to use for review and approval prior to beginning the fabrication and construction phases.

#### **SHOP DRAWINGS**

Our designers develop shop drawings with the latest in AutoCAD, Revit, and other software to fully integrate details with the design work produced by aquarium exhibit designers, landscape architects, architects, contractors, owners, and other consultants. Our Computer Aided Framework System (CAFS) enables us to use 3D scanning and create output directly to our automated equipment for fabricating theme elements with incredible detail. This data can be shared with the design and architectural team for Building Information Modeling (BIM) integration and clash detection. We can also recommend "green" methodologies within our projects.



#### **FABRICATION**

Unlike many specialty construction firms, COST has the capacity to prefabricate critical exhibit components within our 144,000 sq. ft. plant. We utilize shotcrete, GFRC, FRP, epoxies, urethanes, acrylic, and other materials to replicate the natural environments we build. The fabrication plant also includes three steel shops for erecting steel armatures, which expedites projects and saves money when timelines are constrained. Small jewel boxes and larger prefabricated aquarium tanks can be manufactured completely within our plant and shipped to the facility for immediate installation. COST also offers the largest library of molded natural elements and other artifacts.

#### CONSTRUCTION

Exhibit construction requires experienced personnel to complete projects on time and within budget. Our artisans, skilled in replicating Mother Nature's grandeur, bring to life the ideas developed through design and modeling. We promote a safe work environment and employ a full-time safety engineer to ensure compliance with OSHA requirements and COST's Safety 365 Program. As an industry-leading exhibit fabrication firm, our experience ensures clients a smooth transition from consultation to completion.



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