

PHASE 2: DETAIL DESIGN AND PROJECT MANAGEMENT

- a. Finalization of the biological and physical design criteria and the unit process system design and associated systems for an inclusive facility. Facility components will include office. Laboratory. Shop/ storage, nursery, juvenile and grow out systems, monitoring and control systems and effluent treatment/recycle facilities. The following detail design tasks will be addressed:
 - a. Finalize biological and physical design criteria- production goals and grow out schedule, harvest and stocking schedule, biological growth parameters and site requirements.
 - b. Major equipment specification and selection—individual production systems (to include tank size, circulation, solids capture, bio filtration, aeration/degassing, disinfection), monitoring and control equipment, laboratory equipment.
 - c. Equipment layout and plumbing- detailed sketches of each production system showing layout, elevations, and major plumbing requirements including a basic plumbing parts list.
 - d. Engineering cost estimation- estimations of individual system component costs.
- b. Construction management assistance during facility construction. Representatives from AST will be available for construction meetings/ site inspections during construction. AST will also clarify any construction issues that arise with regard to the intent of the design.

PHASE 3 – STAMPED ENGINEERING CONSTRUCTION DRAWINGS TO BE DONE BY AN A/E FIRM IF REQUIRED

Call us today to find out how we can help you plan and execute your vision.