

# COMPUTER-AIDED DESIGN (CAD), ARCHITECTURE PRELIMINARY ROUND ON-SITE DESIGN PROBLEM

## DESIGN PROBLEM

The Gilbert family purchased a waterfront Harbor Road property and have requested that you design their ideal waterfront home. The budget has a maximum of 2,500 sq. ft. The family has the following requests:

- Primary bedroom (walk-in closet, spacious bathroom with a double-sink)
- Two secondary bedrooms (each having a private bathroom only accessible from inside the bedroom)
- Open floor plan with a kitchen, pantry, dining area, living room
- Plenty of floor to ceiling windows for the waterfront view
- Two car garage

The solution must include a floor plan, plot plan, and two exterior elevation plans. All title blocks and drawings should only include “Harbor Road” and your student ID number.

