

Watersound North Village Commons
Watersound, Florida
2006

Owner: St. Joe Special Projects
 Architect: 42|40 Architecture
 EOR: Russel A. Martino
 Contractor : Brasfield and Gorrie

Exposed Structure - Open Building in Hurricane Region

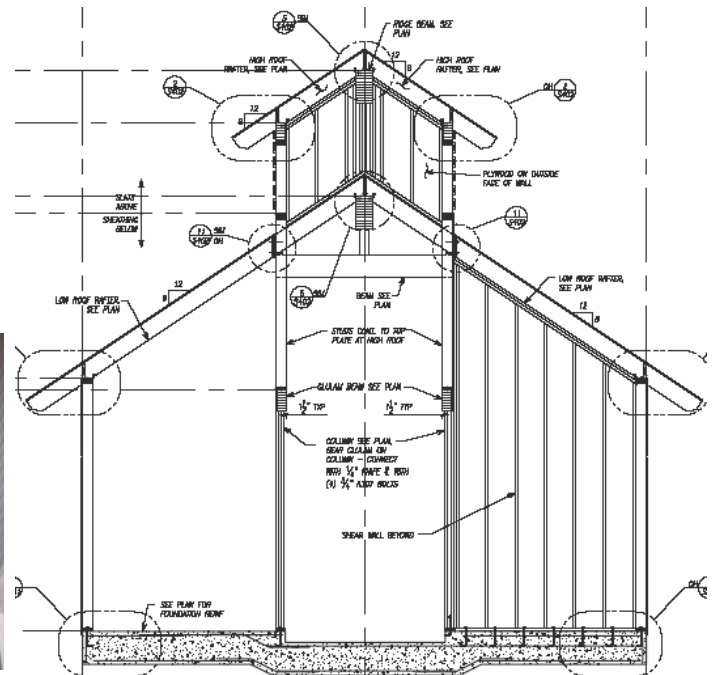
The Architectural Intent of the building was to be a warm haven for golfers finishing up their round. The interior lighting of the buildings needed to radiate out ward through the slatted exterior walls of the building to create a warm glow. The exposed timber structure determined that all wood to wood connections would also be exposed. The open building design meant that the building had to be designed as a partialy open structure which increases the wind load significantly.



Exposed Rough Sawn Glulams

Above: View looking through the breezeway down to the arcade. There are two exposed Glulam triangular trusses and two exposed glulam tied arch trusses creating a passageway through the building framed on each side by the curved stud framed restroom walls.

Below: Looking back at the last curved glulam tied arch at the end of the arcade.



Full Building Sections

To clearly define complicated exposed structures, structural full building sections can be as important and beneficial to the project as the plan drawings. The timber framing shown below is a picture right at the building as cut below.