IFMA Building Tour

THE MAIN LIBRARY AT GOODWOOD

a library in the park  ~  a park in the library

07.15.2014
The location of the library and its development within Independence Park is a collaboration between the East Baton Rouge Parish Library and BREC.

In conjunction with East Baton Rouge Division of Architectural Services, the EBRP Library has developed the New Main library building while BREC has developed the Cafe.

The site development included in this project (the new parking lot, the plaza, and the loading dock areas) is part of a joint venture between the two entities.
COLLABORATIVE DESIGN TEAM

Project Team

EBR Parish Library
Library Board
Library Staff
City-Parish Authorities
Design Input

THE LIBRARY DESIGN COLLABORATIVE
A JOINT VENTURE

PSA/Dewberry
Denelle Wrightson
Interior
Architecture

Tipton/Associates
Ken Tipton
Exterior
Architecture

Cockfield/Jackson
Steve Jackson
Project Management &
Overall Design Coordination

Landscaping Emerson

Civil SJB

Structural McKee & Deville

Mechanical AST

Electrical Nesbit

Library Technology
PSA/Dewberry
COLLABORATIVE DESIGN TEAM

Project Management and Overall Design Coordination

Interior Architecture

Exterior Architecture
COLLABORATIVE DESIGN TEAM

Our Design Team includes:

- **JON EMERSON AND ASSOCIATES**, Landscape Architect
- SJB Group, Civil Engineer
- **MCKEE AND DEVILLE CONSULTING ENGINEERS**, Structural Engineer
- **ASSOCIATED DESIGN GROUP (ADG)**, Mechanical, Plumbing, and Fire Protection Engineer
- **NESBIT AND ASSOCIATES**, Electrical Engineer
- **PSA-DEWBERRY**, AV Engineer

LEED Administrators:

Additionally the city hired **CHENEVERT AND ASSOCIATES** as the LEED Administrators with **THOMPSON AND ASSOCIATES** as the commissioning agents.
COLLABORATIVE CONSTRUCTION TEAM

Under budget by $35,410,000, Milton J. Womack signed a contract for a total of $35,562,767.50 The notice to proceed is dated November 1, 2011.

Since that time there change order total has been $85,375 or less than 1%.

The project is projected to be complete September 15th of this year.

Some of the major Subcontractors included:

- MARCHAND CONSTRUCTION, Civil
- ELLIS STEEL, Steel
- MARINO AND SONS, Plumbing
- AIRTROL, HVAC
- SAIA, Electrical
- LA GLASS Curtainwall and Glazing
- THORNCO, Framing, Gyp. Board, Ceilings
- ROOF TECH TPO, Vegetative Roofing, Zinc Wall and Roof Panels
At the beginning of the project in conjunction with representatives of the Library, BREC, and the City, the Design Team developed a set of guiding principles to which we have referred throughout the design process. The building design reflects these principles.

- **SEAMLESS:** Eliminate barriers; Holistic, organic interdependence; Integrate gardens, library, and park; Integrate building and park

- **THOUGHT PARK:** Exercise for the mind and the body; Make learning fun; Learning centered and mentally engaging activities; Leisure education.

- **UNIFY:** Draw the community together; Appeal to all ages; Community experience; Shared experience of special interest groups.

- **UNIQUE:** Synergy between quality cultural attractions; Place of appreciation; Personify community aspirations; Blend of beauty, education, and fun.

**a library in the park ~ a park in the library**
The new library’s siting and design eliminates barriers and integrates the building within the park. After parking, the community is drawn together into a path that leads to the plaza. The plaza provides access to the Library, the Park, and the Cyber Café while being a destination, itself, for interacting, reading, playing, and watching.
The exterior building materials are both natural and durable. Local St. Joe brick with its warm pink-beige hue and dark iron ore spots are used in conjunction with zinc panels, ground face cmu, and a combination of especially clear and slightly tinted green glass.
FIRST FLOOR PLAN

55,640 S.F. | 127,295 TOTAL S.F.
The interior building materials and colors provide distinct color schemes for the distinct uses of the building. The children’s area colors are bold and varied while the teen’s area colors are more sophisticated. Similarly, genealogy’s colors are deep and rich while the remainder of the building will have a foundation of warm neutrals that will coordinate with the other color schemes.
Technical Solutions

- Solar studies and solar protection
  - General building orientation and form
  - 3 types of solar shades
    - White roof
    - High performance glazing
    - Increased insulation
- Green roof
- Acoustic solutions –
  - Perforated ceiling panels
  - Acoustic Plaster systems- baswaphon,
  - Acoustic wood veneer panels
- Specialty interior materials-
  - Lights at children’s entry
  - Barrisol
| Yes | ? | No | Sustainable Sites | Water Efficiency | Energy & Atmosphere | Material & Resources | Indoor Environmental Quality | Innovations in Design | Regional Priority | PROJECT TOTALS |
|-----|---|----|-------------------|-----------------|-------------------|--------------------|----------------------|------------------------|-------------------|---------------|----------------|
| 25  | 1 | 0  | 25                | 4               | 14               | 4                  | 10                   | 6                      | 4                | 67            | 30            |

LEED SOLUTIONS
Henry Vegetative Roofing Assembly®

1. Vegetation
2. Growing Media
3. Filter Fabric
4. Moisture retention/drainage (DB50/100 and DBR50/100)
5. Insulation
6. Root Bloc™
7. Protection layer (modified PLUS® G100ss)
8. 790-11 Hot Rubberized Asphalt
9. Reinforcing Fabric
10. 790-11 Hot Rubberized Asphalt
11. Primer
12. Concrete or approved deck
VEGETATIVE ROOF
VERNAL AND AUTUMNAL EQUINOX AT 3PM | SOUTHEAST VIEW

SOLAR STUDY
SUMMER SOLSTICE AT 3PM  |  NORTHWEST VIEW

SOLAR STUDY
SUMMER SOLSTICE AT 3PM | ROOF

SOLAR STUDY
WINTER SOLSTICE AT 3PM | ROOF

SOLAR STUDY
Children’s Entry ~ SPECIALTY INTERIOR MATERIALS