# EARL ARCHITECTS: The Best Practice Matrix

Project Checklist

St. Mary's Good Samaritan Hospital

November 15, 2012

## PLANNING PROCESS — Possible Points: 11

| Y | ? | N | | | |
|---|---|---|---|---|---|
| | 1 | | Credit 1.1 | Strategic planning to confirm volumes and growth | 1 |
| 1 | | | Credit 1.2 | Development of a functional program | 1 |
| 1 | | | Credit 2.1 | Discovery Workshop to establish project goals and mission | 1 |
| 1 | | | Credit 2.2 | Collaborative design approach | 1 |
| 1 | | | Credit 2.3 | User Group participation and buy-in | 1 |
| 1 | | | Credit 2.4 | User Group brainstorming sessions & questionnaires | 1 |
| | | | Credit 2.5 | Focus Groups and patients with family | 1 |
| 1 | | | Credit 2.6 | Focus Groups with community members | 1 |
| 1 | | | Credit 3.1 | Compliance with FGI Guidelines | 1 |
| 1 | | | Credit 3.2 | Exceed code requirements | 1 |
| 1 | | | Credit 3.3 | Early involvement with Authorities Having Jurisdiction (AHJ) | 1 |

## CONSULTANT INTEGRATION — Possible Points: 8

| | | | | | |
|---|---|---|---|---|---|
| | | | Credit 1 | Team building exercises | 1 |
| 1 | | | Credit 2 | Utilization of Building Information Modeling (BIM) | 1 |
| 2 | | | Credit 3 | QA/QC meetings at strategic intervals | 1 to 3 |
| 3 | | | Credit 4 | Coordinated documents in each phase (SD, DD, CD) | 1 to 3 |

## SUSTAINABLE DESIGN ELEMENTS (LEED) — Possible Points: 111

| | | | | | |
|---|---|---|---|---|---|
| 10 | | | Credit 1 | Sustainable Sites | 1 to 18 |
| 4 | | | Credit 2 | Water Efficiency | 1 to 9 |
| 8 | | | Credit 3 | Energy and Atmosphere | 1 to 39 |
| 5 | | | Credit 4 | Materials and Resources | 1 to 16 |
| 11 | | | Credit 5 | Indoor Environmental Quality | 1 to 18 |
| 4 | | | Credit 6 | Innovation in Design | 1 to 6 |
| 2 | | | Credit 7 | Regional Priority Credits | 1 to 4 |
| | | | Credit 8 | LEED Certification | 1 |

## FUNCTIONAL EFFICIENCY (LEAN) — Possible Points: 16

| | | | | | |
|---|---|---|---|---|---|
| 1 | | | Credit 1 .1 | Implementation of simulation modeling | 1 |
| 1 | | | Credit 1.2 | Implementation of prototyping | 1 |
| 1 | | | Credit 1.3 | Just-in-time access to materials | 1 |
| 1 | | | Credit 1.4 | Efficient distribution and delivery of supplies and materials | 1 to 3 |
| 1 | | | Credit 1.5 | Efficient staff workflow and processes | 1 to 3 |
| 1 | | | Credit 1.6 | Efficient documentation capabilities | 1 |
| 1 | | | Credit 2.1 | Standardization of staff spaces | 1 to 3 |
| 2 | | | Credit 2.2 | Standardization of patient treatment areas | 1 to 3 |

## FLEXIBILTY — Possible Points: 19

| | | | | | |
|---|---|---|---|---|---|
| 1 | | | Credit 1.1 | Modular Design | 1 to 3 |
| 1 | | | Credit 1.2 | Standardized structural grid | 1 |
| 1 | | | Credit 1.3 | Shell space provisions | 1 |
| 1 | | | Credit 1.4 | Vertical expansion capability | 1 |
| 1 | | | Credit 1.5 | Horizontal expansion capability | 1 |
| 1 | | | Credit 1.6 | Adjacency of soft space and hard space | 1 to 3 |
| | | | Credit 2.1 | Acuity adaptable patient rooms | 1 |
| 1 | | | Credit 2.2 | Right-sized patient treatment areas | 1 to 3 |
| 1 | | | Credit 2.3 | Flex space for multipurpose use | 1 to 3 |
| 1 | | | Credit 3.1 | Free-standing energy plant | 1 |
| 1 | | | Credit 3.2 | Adequate building infrastructure | 1 |

## USER SATISFACTION — Possible Points: 69

| Y | ? | N | | | |
|---|---|---|---|---|---|
| | | | | ***Overall Facility:*** | |
| 1 | | | Credit 1.1 | Concierge Service | 1 |
| 1 | | | Credit 1.2 | Convenient parking | 1 |
| 1 | | | Credit 1.3 | Adequate parking | 1 |
| 2 | | | Credit 1.4 | Intuitive way-finding | 1 to 3 |
| 1 | | | Credit 1.5 | Accessible to all | 1 |
| 2 | | | Credit 2.1 | Positive Distractions | 1 to 3 |
| 2 | | | Credit 2.2 | Access to daylight | 1 to 3 |
| 2 | | | Credit 2.3 | Access to views of Nature | 1 to 3 |
| 1 | | | Credit 2.4 | Access to garden space(s) | 1 |
| 2 | | | Credit 2.5 | Areas of respite | 1 to 3 |
| 1 | | | Credit 3.1 | Availability of education resources | 1 to 3 |
| 1 | | | Credit 3.2 | Quality of and access to food choices | 1 |
| 3 | | | Credit 4.1 | Appropriate finishes and furnishings | 1 to 3 |
| 2 | | | Credit 4.2 | Environmental control | 1 to 3 |
| 2 | | | Credit 4.3 | Noise control | 1 to 3 |
| 3 | | | Credit 4.4 | Sense of Cleanliness | 1 to 3 |
| 1 | | | Credit .4.5 | Convenient access to toilets | 1 |
| | | | | ***Patient Treatment Areas:*** | |
| 1 | | | Credit 5.1 | Staff, Patient, and Family Zones | 1 |
| 2 | | | Credit 5.2 | Efficient patient through-put | 1 to 3 |
| 1 | | | Credit 5.3 | Considerations for patient privacy | 1 |
| 2 | | | Credit 5.4 | Effective visibility to/from staff | 1 to 3 |
| 1 | | | Credit 5.5 | Family amenities | 1 |
| 1 | | | Credit 5.6 | Bariatric patient accommodations | 1 |
| | | | | ***Staff Areas:*** | |
| 2 | | | Credit 6.1 | Efficient operations of staff | 1 to 3 |
| 2 | | | Credit 6.2 | Efficient flow of materials | 1 to 3 |
| 1 | | | Credit 6.3 | Access to supplies and equipment | 1 to 3 |
| 2 | | | Credit 7.1 | Collaborative environments | 1 to 3 |
| 1 | | | Credit 7.2 | Ergonomic workspaces | 1 |
| 2 | | | Credit 7.3 | Access to technology | 1 to 3 |
| 2 | | | Credit 8.1 | Integration of employee wellness | 1 to 3 |
| 2 | | | Credit 8.2 | Staff training and education resources | 1 to 3 |

## COLLABORATIVE CONSTRUCTION — Possible Points: 7

| | | | | | |
|---|---|---|---|---|---|
| 1 | | | Credit 1 | Owner, Architect, and Contractor (OAC) kick-off meeting(s) | 1 |
| 1 | | | Credit 2 | OAC coordination meetings at strategic intervals | 1 |
| | | | Credit 4 | Integrated Project Design (IPD) delivery method | 1 |
| 1 | | | Credit 5 | Implement contractor input | 1 |
| 1 | | | Credit 6 | Coordinated effort to control costs and reduce waste | 1 |
| 1 | | | Credit 7 | Building delivered on budget | 1 |
| 1 | | | Credit 8 | Building delivered on time | 1 |

## Total — Possible Points: 241

| 134 | 1 | 0 |
|---|---|---|

Certified 88 to 108 points  Silver 109 to 129 points  Gold 130 to 173 points  Platinum 175 to 241