University Medical Center provides New Orleans with critical safety-net care in a sophisticated 1.5 million-square-foot facility built to withstand natural disaster. Programs include inpatient services, cancer care, behavioral health and a Level 1 trauma center. The design promotes holistic healing, from landscaped courtyards to all-private inpatient rooms with natural light and in-suite bathrooms. Wide double-bays and sliding breakout doors enable swift action in treatment zones. Floor-to-ceiling windows in public spaces create transparency and uplifting views, while custom artwork and graphics throughout the hospital celebrate New Orleans’ rich heritage.
University Medical Center New Orleans
New Orleans, Louisiana

STRATEGIES

Daylighting
Central light-filled Lobby with full height mullion-less glass as 3-story Indoor/Outdoor connection.
Key Public and Patient areas with perimeter windows and/or skylights.

Views to Nature
Shaded and unshaded exterior Garden Patios provide choice of outdoor Respite area.
Interior Planting is brought deep into the building bringing views to Nature inside as well.

Use of Warm Colors
Warm-toned wood used throughout the building.
Warm accent colors and warm-off white adds to warm day-lighting and variation in color as the day progresses.

Natural Materials
Use concrete, steel and glass against the backdrop of warmer wood textures and plantings.
Blurring the indoor/outdoor relationships with landscaping and hardscaping inside and out.

JURY COMMENTS

▶ The jury appreciated sensitivity to context and resiliency in designing a hospital.
▶ The large project is successful in addressing scale, sense of place, visual experience and integration of outdoor spaces.
▶ The building façade is well thought-out balancing aesthetics, safety and human comfort.
▶ The thoughtful use of color inside the building is comforting and facilitates wayfinding.
▶ The jury recognized a level of design consistency across the project.

"Blurring the indoor/outdoor relationships with landscaping and hardscaping inside and out..."
Note: “Departmental Square footages take-off to be verified based off of ‘Analysis of Departmental Area in Contemporary Hospitals calculation methodologies & Design Factors Report, 2014

Departmental Square Foot Take-Offs (Hospital & ACB):

GROUND LEVEL:

- Outpatient Registration (1,500 sf)
- Outpatient Rehabilitation (1,429 sf)
- Outpatient Pulmonary (2,096 sf)
- Testing Room (141 sf - 200 sf)
- Office (105 sf - 116 sf)
- Administration Areas (1,060 sf - 1,220 sf)
- Pre-Admission Testing (1,580 sf)
- Food Court (1,239 sf)

Key Spaces in Ambulatory Care Building:
- OB Clinic Module (7,480 sf)
- OB/WIC Clinic Module (7,530 sf)
- Urology/Generic Clinic Module (7,440 sf)
- Exam Room (All ACB) (100 sf - 111 sf)
- Office (All ACB) (113 sf - 156 sf)

LEVEL TWO:

- OB Clinic Module (7,480 sf)
- OB/WIC Clinic Module (7,530 sf)
- Urology/Generic Clinic Module (7,440 sf)
- Exam Room (All ACB) (100 sf - 111 sf)
- Office (All ACB) (113 sf - 156 sf)
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LEVEL THREE:

Departmental Plan Key (Hospital & ACB):

- Inpatient Units
- Waiting/Registration
- Staff Support Space
- Circulation, Shafts, Stairs
- Mechanical = Electrical

Note: “Departmental Square footages take-off to be verified based off of ‘Analysis of Departmental Area in Contemporary Hospitals calculation methodologies & Design Factors Report, 2014

Departmental Square Foot Take-Offs (Hospital & ACB):

- Ambulatory Care Building: 21,323 SF, 32,014 SF
- Inpatient Bed Building: 40,629 SF, 80,429 SF
- Diagnostic & Treatment Building: 67,300 SF, 128,349 SF

Key Spaces in Ambulatory Care Building:

- Infusion Control (990 sf)
- ENR/Plastic/Spine/Otolaryngology Clinic (7,501 sf)
- Exam Room (101 sf - 233 sf)
- Office (50 sf - 101 sf)
- Dental Clinic (5,541 sf)
- Exam Room (146 sf - 154 sf)
- Office (309 sf - 171 sf)
- Eye Clinic (5,921 sf)
- Exam Room (123 sf - 139 sf)
- Office (109 sf - 129 sf)
- Materials Management/Scope Cleaning (234 sf)

LEVEL FOUR:

Departmental Plan Key (Hospital & ACB):

- Inpatient Units
- Waiting/Registration
- Staff Support Space
- Circulation, Shafts, Stairs
- Mechanical = Electrical

Note: “Departmental Square footages take-off to be verified based off of ‘Analysis of Departmental Area in Contemporary Hospitals calculation methodologies & Design Factors Report, 2014

Departmental Square Foot Take-Offs (Hospital & ACB):

- Ambulatory Care Building: 21,020 SF, 33,575 SF
- Inpatient Bed Building: 40,317 SF, 80,429 SF
- Diagnostic & Treatment Building: 59,307 SF, 119,317 SF

Key Spaces in Ambulatory Care Building:

- Medicine Clinic (7,280 sf)
- Generic Clinic (7,295 sf)
- Ortho Clinic (7,245 sf)
- Exam Room (All ACB) (90 sf - 294 sf)
- Office (All ACB) (96 sf - 170 sf)
University Medical Center New Orleans
New Orleans, Louisiana

Departmental Plan Key (Hospital & ACB):
- Inpatient Units
- Waiting/Registration
- Staff Support Space
- Circulation, Shafts, Stairs
- Mechanical + Electrical

Note: "Departmental Square feet take-off to be verified based off of 'Analysis of Departmental Area in Contemporary Hospitals calculation methodologies & Design Factors Report, 2014"

Departmental Square Foot Take-Offs (Hospital & ACB):
- Gross Ambulatory Care Building: 21,354 SF
- Inpatient Bed Building: 50,948 SF
- Diagnostics & Treatment Building: 69,360 SF

Key Spaces in Ambulatory Care Building:
- Generic Clinic (2,870 sf)
- Infusion Clinic (2,775 sf)
- Clinical Research Center (5,549 sf)
- Surgery Clinic (10,110 sf)
- Exam Room (All ACB) (109 sf - 110 sf)
- Office (All ACB) (96 sf - 158 sf)

LEVEL FIVE:

GROUND LEVEL:

PROJECT SUMMARY:
- Associate architect: Blitch Knevel
- Interior design: NBBJ
- Landscape design: NBBJ
- Structural engineer: URS
- Contractor: Skanska
- MEP engineer: MMC
- BIM: CDV Systems
- Photographs/Illustrations: Benjamin Benschneider and Sean Airhart
- Construction cost: $768,000,000
- Building area GSF: 2.3 million
- Construction start date: August 2007
- Substantial completion date: May 2015

Patient 45 ft - 727 ft

TRAVEL DISTANCE ANALYSIS
- Entry to Registration 150 ft
- Registration to Ambulatory Care Waiting 45 ft
- Registration to Inpatient Bed Tower 1 Unit 331 ft
- Registration to Inpatient Bed Tower 2 Unit 515 ft
- Registration to Inpatient Bed Tower 3 Unit 727 ft
- Registration to Diagnostic and Treatment Unit 103 ft

2016 AIA/AAH DESIGN AWARD WINNER
- Category: Built, more than $25 million in construction cost
- Project: University Medical Center New Orleans
- Project location: New Orleans, Louisiana
- Owner/Client: LCMC Health
- Architect: NBBJ

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