

University Medical Center New Orleans

New Orleans, Louisiana



SQ FT
Medical Center -
2.3 million SF
ACB - 259,579 SF



OWNER/AFFILIATION
University Medical
Center New



ARCHITECT(S)
NBBJ



COMPLETION DATE
May 2015

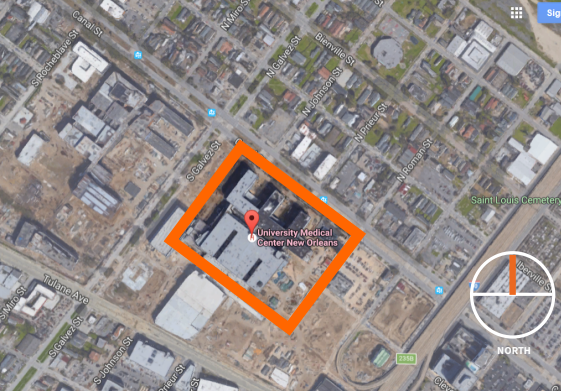


ENTRY FACADE



COURTYARD PERSPECTIVE

Image Sources: <http://www.nbbj.com/work/university-medical-center/>



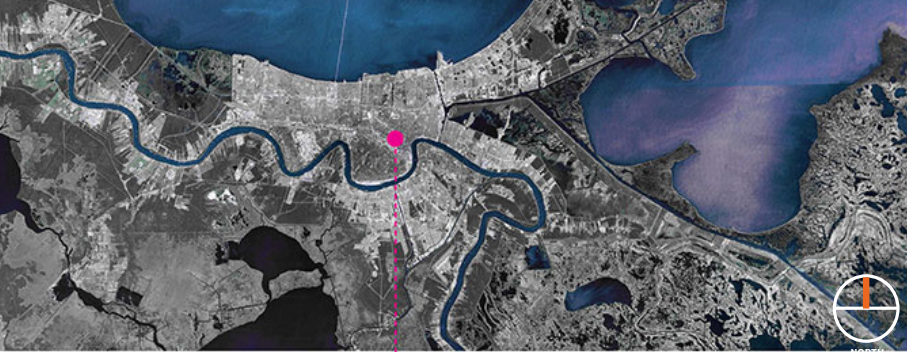
SITE MAP

ABOUT | DESIGN INTENTIONS

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.



Scaled Model



MEDICAL DISTRICT SITE MAP

city of new orleans



University Medical Center New Orleans

New Orleans, Louisiana

“Blurring the indoor/outdoor relationships with landscaping and hardscaping inside and out...”

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.
- ▶ This 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.



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 footages take-off to be verified based off of 'Analysis of Departmental Area in Contemporary Hospitals calculation methodologies & Design Factors Report, 2014

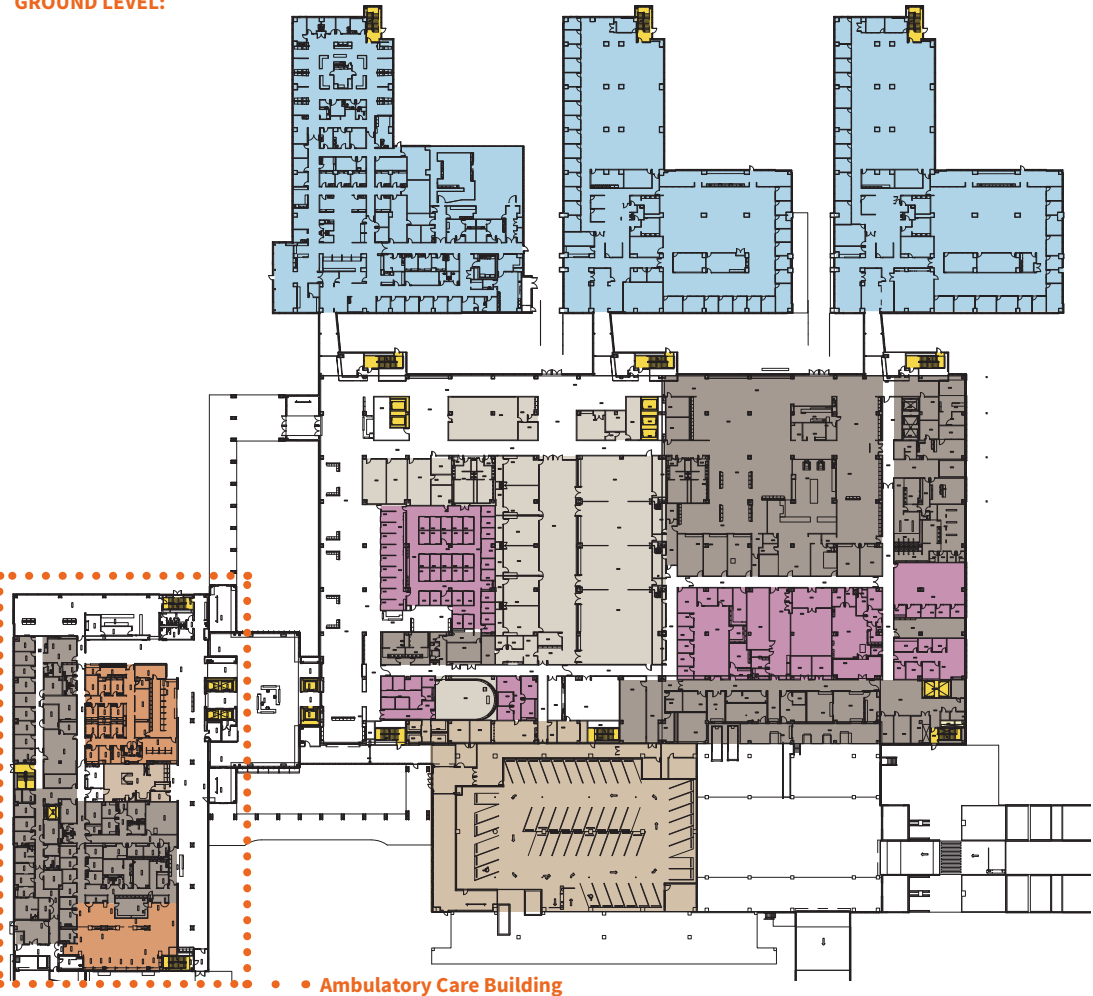
Departmental Square Foot Take-Offs (Hospital & ACB):

	Net	Gross
Ambulatory Care Building	24,159 SF	32,063 SF
Inpatient Bed Building	48,026 SF	83,806 SF
Diagnostic & Treatment Building	87,829 SF	133,467 SF

Key Spaces in Ambulatory Care Building:

- Outpatient Registration (1,550 sf)
- Outpatient Rehabilitation (5,430 sf)
- Outpatient Pulmonary (2,086 sf)
- Testing Room (145 sf-190 sf)
- Office (105 sf -116 sf)
- Administration Areas (1,080 sf - 1,220 sf)
- Pre-Admission Testing (3,580 sf)
- Food Court (3,230 sf)

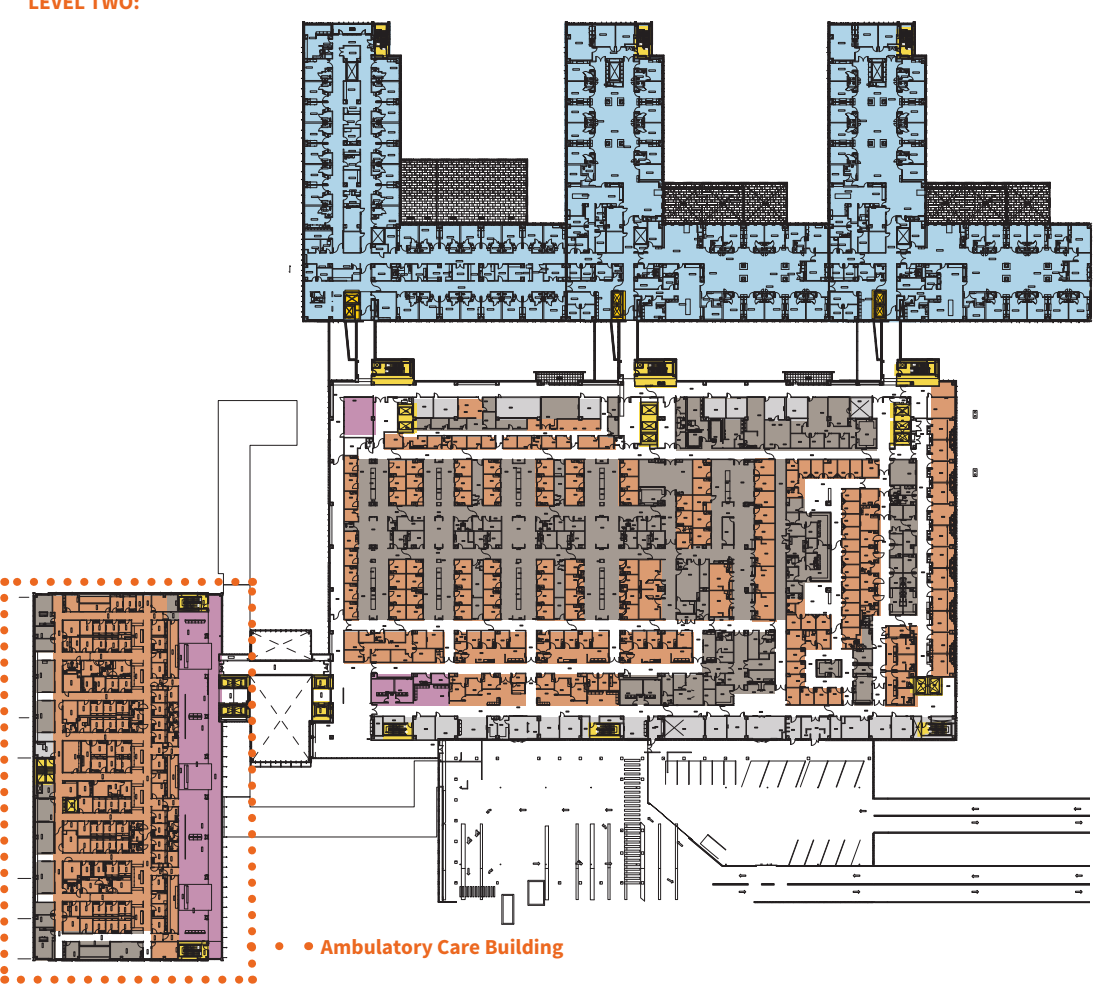
GROUND LEVEL:



University Medical Center New Orleans

New Orleans, Louisiana

LEVEL TWO:



Departmental Plan Key (Hospital & ACB):

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

	Net	Gross
Ambulatory Care Building	22,450 SF	34,316 SF
Inpatient Bed Building	47,235SF	80,429 SF
Diagnostic & Treatment Building	63,927 SF	104,173 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 - 111sf)
- Office (All ACB) (113 sf -156 sf)

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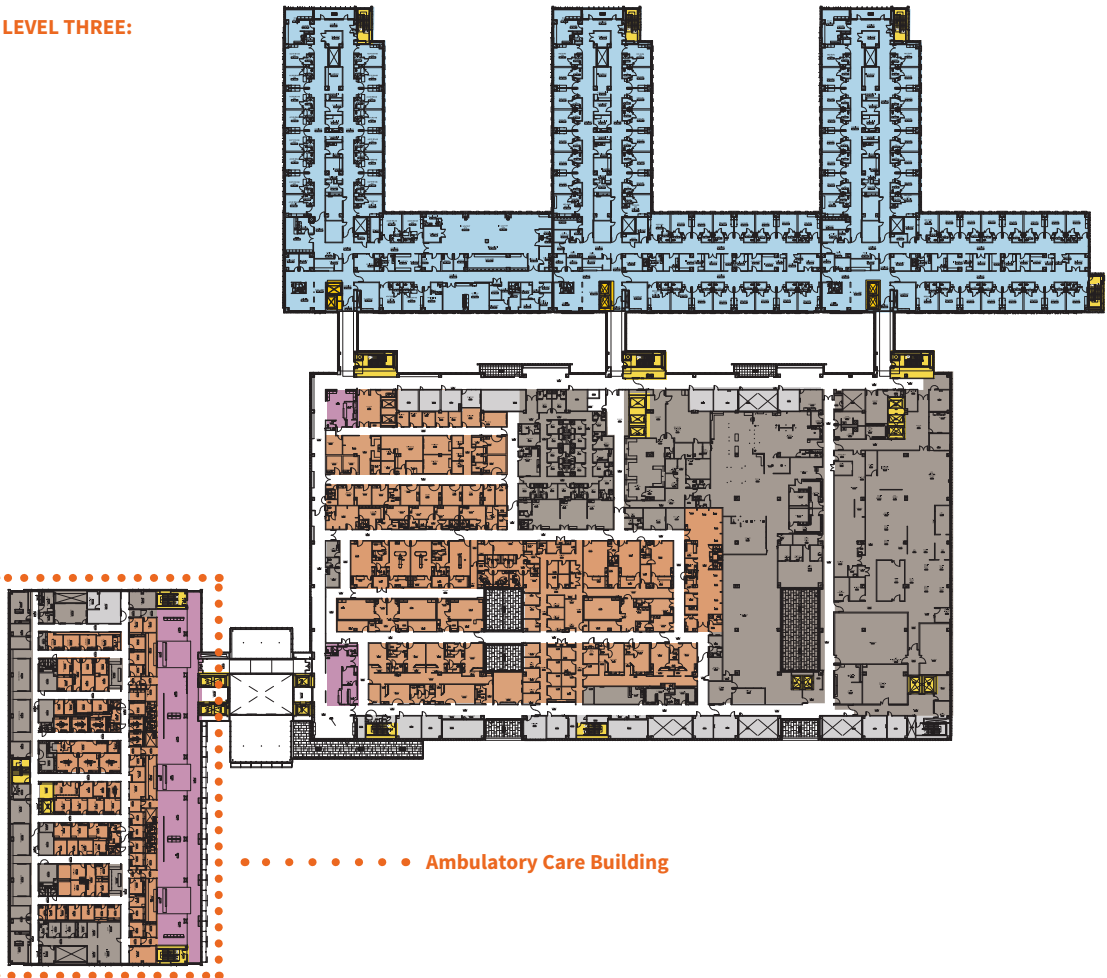
Departmental Square Foot Take-Offs (Hospital & ACB):

	Net	Gross
Ambulatory Care Building	21,323 SF	32,874 SF
Inpatient Bed Building	46,629 SF	80,429 SF
Diagnostic & Treatment Building	67,300 SF	128,946 SF

Key Spaces in Ambulatory Care Building:

- Inflection Control (990 sf)
- Occupational Health (970 sf)
- ENT/Plastics/Speech/Audiology Clinic (7,901 sf)
 - Exam Room (101 sf - 233 sf)
 - Office (90 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)

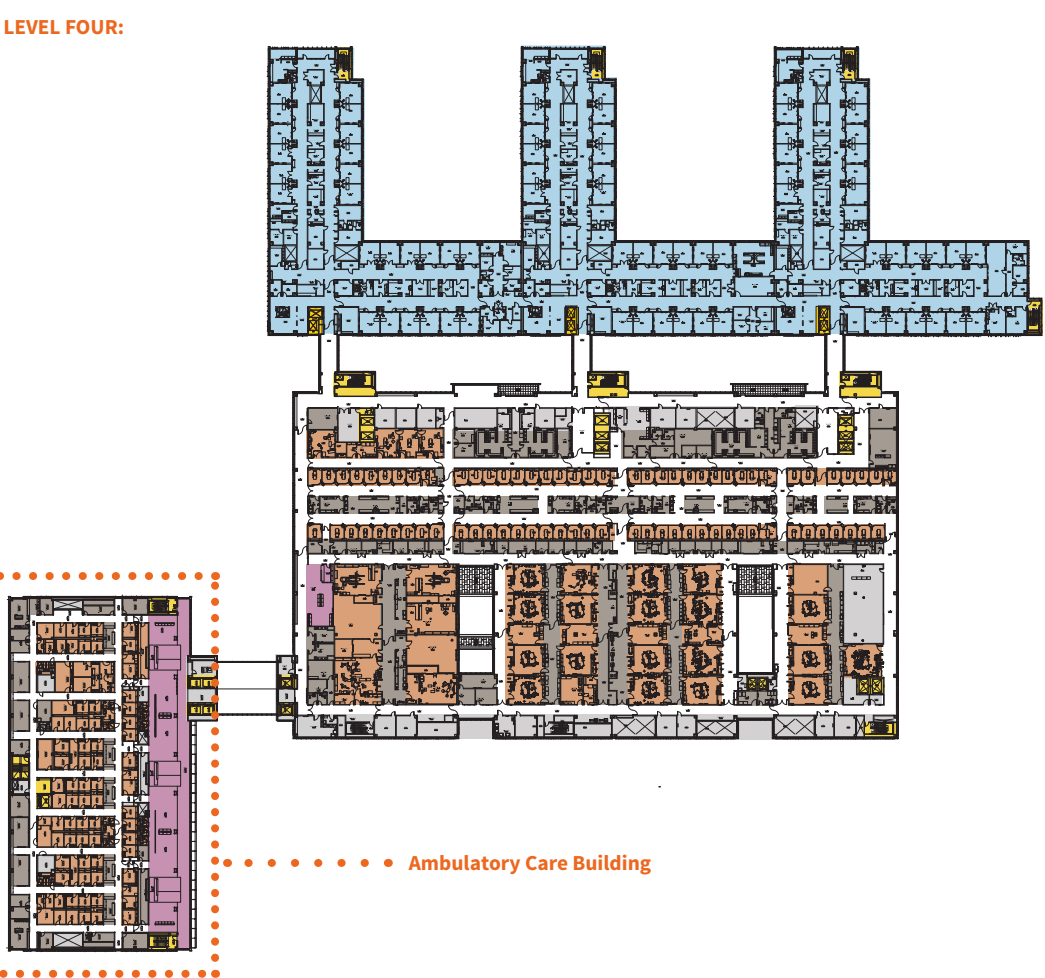
LEVEL THREE:



Ambulatory Care Building

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New Orleans, Louisiana

LEVEL FOUR:



Ambulatory Care Building

Departmental Plan Key (Hospital & ACB):

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

	Net	Gross
Ambulatory Care Building	21,810 SF	33,670 SF
Inpatient Bed Building	40,937 SF	80,429 SF
Diagnostic & Treatment Building	59,307 SF	119,917 SF

Key Spaces in Ambulatory Care Building:

- Medicine Clinic (7,280 sf)
- Generic Clinic(7,290 sf)
- Ortho Clinic (7,240 sf)
- Exam Room (All ACB) (99 sf -294 sf)
- Office (All ACB) (96 sf -170 sf)

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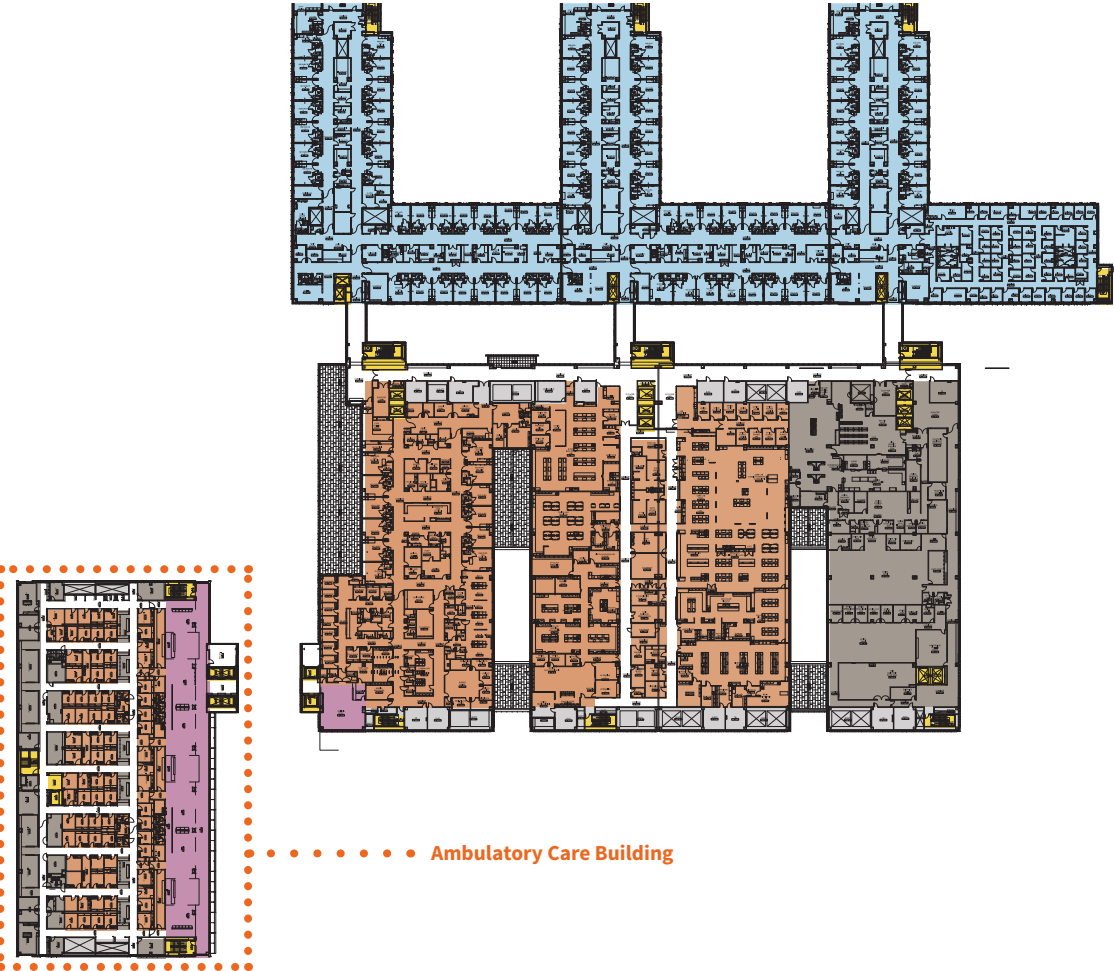
	Net	Gross
Ambulatory Care Building	21,304 SF	33,378 SF
Inpatient Bed Building	50,948 SF	80,429 SF
Diagnostic & Treatment Building	69,360 SF	116,658 SF

Key Spaces in Ambulatory Care Building:

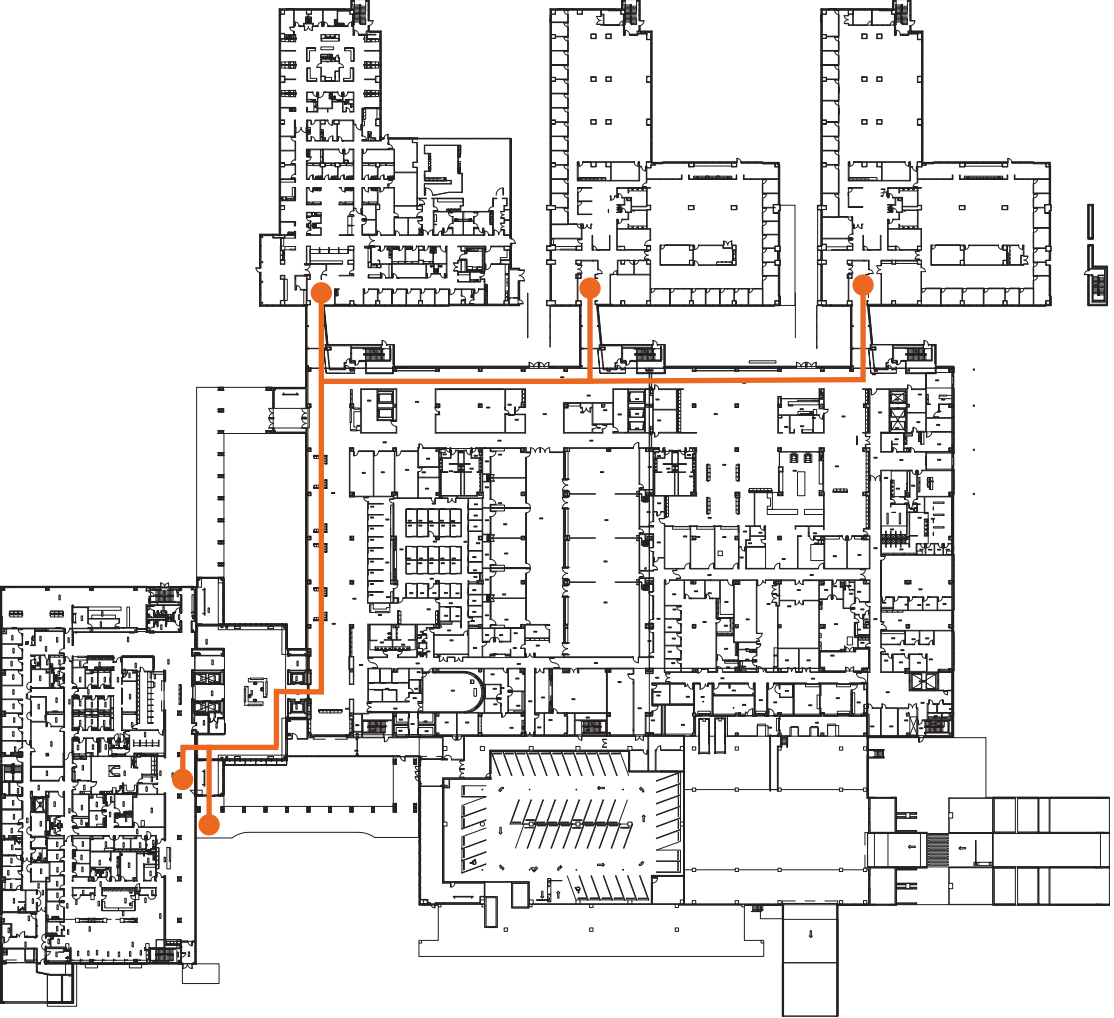
- Generic Clinic (2,870 sf)
- Infusion Clinic (2,775 sf)
- Clinical Research Center (5,549 sf)
- Surgery Clinic (10,110 sf)

Exam Room (All ACB) (109 sf -110 sf)
Office (All ACB) (96sf -158 sf)

LEVEL FIVE:



GROUND LEVEL:



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

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

TRAVEL DISTANCE ANALYSIS

+ Patient 45 ft - 727 ft
+ 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