



THE TEAM

OWNER	KENNEDY ASSOC.
OWNER'S REP	TRAMMELL CROW COMPANY
ARCHITECT	MORGAN GICK MCBEATH & ASSOC.
STRUCTURAL	HAYNES WHALEY & ASSOC.
CIVIL	VIKA INCORPORATED
MEP	B&A CONSULTING ENGINEERS
CONTRACTOR	BUCH CONSTRUCTION

THE INFO

SIZE	166,292 SF
STORIES	SIX
CONSTRUCTION	06.29.2007 - 09.30.2008
DELIVERY METHOD	DESIGN BID BUILD
COST	~19 MILLION
LEED COST	~477,000
OCCUPANCY	OFFICE SPACE

THE ARCHITECTURE

- THIRD OF FIVE BUILDINGS ON A 55 ACRE SITE
- LEED CORE AND SHELL; ANTICIPATING SILVER CERTIFICATION
- GLASS ENTRANCE DOORS, ALUMINUM FRAME WINDOW SYSTEM AND DECORATIVE BRICK FACADE TO MATCH BUILDINGS OF PHASE #1.

THE ELECTRICITY

- MAIN SWITCHBOARD: 4000A, 277/480V, 3 ϕ , 4 WIRE
- EMERGENCY POWER: 350KW DIESEL GENERATOR
- TRANSFORMERS: SIX AT 150KVA, OTHERS RANGE FROM 15-45KVA
- LIGHTING: 277V FLUORESCENT (TYPICAL)

THE STRUCTURE

- FOUNDATION: SPREAD FOOTINGS, 5" SOG WITH 4" GRAVEL BASE
- FLOOR: STEEL BEAMS AND GIRDERS WITH 40'X25' (TYP) BAYS, 3 1/4" LIGHTWEIGHT CONCRETE ONTOP A 3" METAL DECK
- ROOF: 1 1/2" METAL DECK TOPPED WITH RIGID INSULATION BOARD

THE MECHANICS

- PENTHOUSE TO HOUSE ROOFTOP MECHANICAL EQUIPMENT
- SYSTEM DESIGNED FOR 76°F/40% RH FOR SUMMER AND 72°F FOR WINTER
- TWO 1700 GPM COOLING TOWERS
- AIR WATER SYSTEM

KRISTEN MARIE HLOPICK

CONSTRUCTION MANAGEMENT
[HTTP://WWW.ENGR.PSU.EDU/AE/THESIS/PORTFOLIOS/2008/KMH326/](http://www.engr.psu.edu/ae/thesis/portfolios/2008/kmh326/)