

HUNTER'S POINT SOUTH

INTERMEDIATE SCHOOL AND HIGH SCHOOL | QUEENS, NY

TONY ESPOSITO | LIGHTING + ELECTRICAL



FXFOWLE Architects

BUILDING STATISTICS

- Size | 154,000 SF
- Cost | \$61,098,000
- Delivery | Lump Sum Bid

BUILDING STATISTICS

- Levels | 5 Stories
- Height | 73 Feet
- Function | Education

LIGHTING / ELECTRICAL

- Primarily Fluorescent Lighting: CCT-3500K, CRI-80
- Switching via occupancy sensors and time clocks
- Auditorium: Theatrical spotlights and MR16 track
- Building Utilization Voltage: 208Y/120V
- Electrical System Capacity: 4000A Main Switchboard
- 400kW Diesel Generator in Rooftop Mech. Penthouse



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MECHANICAL

- (2) 276 Ton air cooled water chillers
- (4) Gas fired condensing boilers
- (6) Custom Made AHU's
 - Equipped with Variable Frequency Drive (VFD)
 - Wrap Around Heat Pipes for Dehumidification
 - 0 to 100% Outside Air Intake for Economizer Mode

STRUCTURAL

- Frame Construction: Steel Concentric Braced Frames
- Foundation: 14" Diameter Caissons
- Floor: 3 1/4" LW Concrete on 3" Metal Decking



FXFOWLE Architects

STRUCTURAL ENGINEER

YSREALE A. SEINUK

OWNER

NYC SCA

SITE-CIVIL ENGINEERING

LANGAN ENGINEERING

ARCHITECT

FXFOWLE ARCHITECTS

MEP/FIRE PROTECTION

KALLEN & LEMELSON

GC/CM

SKANSKA

AV/ACOUSTICAL ENGR.

CERAMI & ASSOCIATES

LIGHTING DESIGNER

TILLOTSON DESIGN

SKANSKA

<http://www.engr.psu.edu/ae/thesis/portfolios/2012/TXE136/index.html>