



# NEW YORK POLICE ACADEMY

COLLEGE POINT, NEW YORK

## ARCHITECTURE

- AN ACADEMIC BUILDING HOUSING CLASSROOMS, SOME OF WHICH CONTAIN A MOCK ENVIRONMENT FOR IMMERSION LEARNING
- A PHYSICAL TRAINING BUILDING - HOUSES A 1/8 MILE TRACK AND SPECIAL TACTICAL GYMNASIUMS
- A FACADE MADE UP OF GLAZED ALUMINUM CURTAINWALLS WITH ALUMINUM PANELING WHICH ACT AS LOUVERS ABOVE WINDOWS
- DESIGNED TO REACH A LEED SILVER RATING

## STRUCTURE

- STEEL MOMENT RESISTING FRAME
- UPPER 7 STORIES CONTAIN 4" CONCRETE SLAB ON METAL DECK
  - \*FLOORS SUPPORTED BY WIDE FLANGE BEAMS SPACED AT 10'
  - \*BEAMS SUPPORTED BY WIDE FLANGE GIRDERS SPACED AT 30'
  - \*GIRDERS SUPPORTED BY WIDE FLANGE COLUMNS ON 30'x30' GRID
- HSS MEMBERS USED FOR LATERAL BRACING
- GROUND FLOOR COMPRISED OF 14" CAST-IN-PLACE SLAB

## MEP SYSTEMS

- A CENTRAL UTILITY PLANT FOR ALL MEP SERVICES
- MECHANICAL: VARIABLE VOLUME AIR HANDLING UNITS AND DEDICATED RETURN FANS
  - \*CONSISTS OF MIXING BOXES, FILTER SECTIONS, PRE-HEAT COIL SECTIONS, COOLING COIL SECTIONS, ACCESS SECTIONS AND SUPPLY FAN SECTIONS
- ELECTRICAL: 208Y/120V 3 PHASE SYSTEM, 480Y/277V 3 PHASE SYSTEM
- LIGHTING: FLUORESCENT LIGHTING THROUGHOUT

## PROJECT TEAM MEMBERS

- OWNER:** NEW YORK DEPARTMENT OF DESIGN AND CONSTRUCTION
- GENERAL CONTRACTOR:** TURNER CONSTRUCTION
- ACOUSTICS:** CERAMI & ASSOCIATES
- ARCHITECT:** PERKINS + WILL
- BLAST CONSULTANT:** WEIDLINGER ASSOCIATES
- COST CONTROL:** GARDINER & THEOBALD INC.
- COST ESTIMATING:** DAVIS LANGDON
- CIVIL ENGINEER:** LAGAN ENGINEERING AND ENVIRONMENTAL SERVICES
- CONSTRUCTION MANAGER:** TURNER CONSTRUCTION / STV
- GEOTECHNICAL:** URS CORPORATION
- IT CONSULTANT:** TM TECHNOLOGY PARTNERS, INC.
- LANDSCAPE ARCHITECT:** BLAMORI ASSOCIATES
- LIGHTING:** BARTENBACH LICHTLABOR GMBH / HDLC
- MEPF ENGINEER:** WSP FLAC + KURTZ
- PARKING:** WALKER PARKING CONSULTANTS
- STRUCTURAL ENGINEER:** ROBERT SILMAN ASSOCIATES
- URBAN DESIGNER:** FXFOWLE
- VERTICAL TRANSPORTATION:** VAN DEUSEN ASSOCIATES

## GENERAL INFORMATION

- LOCATION:** QUEENS, NY
- FUNCTION:** ACADEMY
- SIZE:** 1 MILLION SQUARE FEET
- NUMBER OF STORIES:** 8
- CONSTRUCTION:** OCTOBER 2010 - DECEMBER 2013
- COST:** \$656 MILLION
- PROJECT DELIVERY:** DESIGN-BID-BUILD

