

# P.S. 222 Early Childhood Center Design-Build



THE DESIGN-BUILD DELIVERY METHOD WAS EMPLOYED TO SAVE CONSTRUCTION TIME AND ADDRESS THE PRESSING NEED FOR MORE SCHOOL SPACE IN QUEENS COUNTY, NY, AND THE GOAL OF PROVIDING PUBLIC PRE-K PROGRAMS IN CULTURALLY DIVERSE COMMUNITIES.

LOCATION  
JACKSON HEIGHTS, NY

CLIENT  
NEW YORK CITY SCHOOL  
CONSTRUCTION AUTHORITY  
(NYCSCA)

CONSTRUCTION COST  
\$21 MILLION

SIZE  
47,200 SF

To serve 208 pre-K through first grade students in Community School District 30 in Jackson Heights, NY, STV provided architectural, structural, civil, mechanical, electrical, plumbing, and fire protection design services for the design-build of a new early childhood center.

The 4-story school was constructed on a tight urban site and covers the entire 10,000-sf lot. Because of the proximity to residences, the school's floor plan was organized in such a way as to provide a needed setback of the classrooms from the adjacent residences.

Programming included addressing particular needs for classroom, public assembly, kitchen and servery, and administrative spaces appropriate for early childhood education. Each

self-contained classroom contains toilet facilities, sinks, and designated group areas.

The brick façade was designed to be sensitive to its residential environment and blends with the urban neighborhood character. On the inside, bright colors and an emphasis on today's educational technology create an education-friendly atmosphere with the inclusion of computers, televisions, and telephones in all classrooms, plus provisions for adapting future technology needs.

STV's ability to provide all architectural and engineering services in-house was a key factor in meeting the program objectives for this fast-track project on budget and within schedule.