

# **Bronx School for Law, Government & Justice**

## **Yulien Wong - Mechanical Option**

### **Project Overview**

Location: Bronx, NY  
6 stories plus 1 mechanical penthouse  
& 1 floor below grade  
Approx. Size: 114,000 SF  
Construction Dates: June '01 – Sept. '04  
Estimated Cost: 65 million  
Project Delivery: Design-Bid-Build

### **Project Team**

Owner: New York School Construction Authority  
Architect: The Hillier Group Architecture  
Structural Engineer: Ysrael A Seinuk, P.C.  
MEP/Telecom: Joseph R. Loring & Associates, Inc  
Civil Engineer: Langan Engineering  
Lighting: Lighting Design Collaborative  
Contractor: Silverite Construction

### **Mechanical**

Cooling: (2) 200 Ton reciprocation type chillers  
Heating: (3) 85 BHP low pressure steam boilers  
Heating Distribution: Duct mounted heating coils & fin  
tube radiation  
Ventilation: (7) constant volume AHUS & (3) VAV AHUS  
Fire Protection: Fully sprinkled wet type & smoke  
exhaust system

### **Features**

School is one of the first “specialized” high schools in NYC.  
Specialized spaces include forensic labs, tri-facial labs,  
distance learning court rooms, and crime labs.



### **Structural**

Foundation: Column Footings  
Superstructure: Steel frame  
Floor: Concrete on metal deck  
Roof: Parapet roof with slab construction

### **Electrical**

Service: 6000 amp, 208/120 volt,  
3 phase, 4 wire  
Generator: 300kW, 480 volt,  
3 phase, 4 wire