

hospital for special surgery river building

project information

project size	90,790 sq. ft.
floors	12 stories
project cost	\$40 million (2005)
constrcution time	anticipated 2006 to 2008 (never constructed)
delivery method	cm at risk - single contract

project team

owner's representative	specialty management company
architect	cannon design
mep	cannon design
structural	ysreal a. seinuk, p.c.



architectural design

the hss river building sits on top of the busy fdr drive on the upper east side of manhattan, facing the east river. it also connects to the adjacent east wing with a bridge on both the 12th and 3rd floor.



mechanical system

(1) 13,000 cfm 100% oa ahu with terminal heat pump units. water and 35% glycol heat pump loop system includes a 375 ton cooling tower and (2) heat exchangers.

electrical system

4000a, 120/208v, 3ph,4w main electrical switchgear from con edison. 350kw emergency generator in mechanical room. distribution made of (3) feeder bus ducts of 2000a, 1600a, and 1600a 120/208v.

structural system

steel frame system. exterior columns on (10) caissons anchored to bedrock. interior columns on spread footings. chevron brace framing along with truss sytem on the 1st and 2nd floor for lateral bracing.