

The SCA proposes to convert the existing 5-story building located at the southeast corner of Adams and Johnson Streets in Downtown Brooklyn to a new school facility. The existing building has a penthouse structure on the roof; the proposed plans involve the removal of the penthouse and the construction of a new rooftop addition approximately 40 feet in height.

Following the guidelines of the *CEQR Technical Manual*, actions that could result in new shadows on a publicly accessible open space, a historic landscape, a historic resource with sunlight dependent features, or an important natural feature require analysis. Assessments of shadows are performed for four representative times of the year: March 21 and September 21, the equinoxes; May 6 and August 6, the midpoints between the summer solstice and the equinox; June 21, the summer solstice; and December 21, the winter solstice. In identifying potential effects, CEQR focuses on uses and users of the open space, landscaping and vegetation, and if there are historic resources, features, or details that are both sunlight-dependent and make such resources significant. The CEQR methodology does not generally consider shadows and incremental increases in shadows within 1½ hours of sunrise or sunset.

There is one open space in the area, Columbus Park, located on the block west of the project site. Columbus Park is 4.14 acres of open space with sitting areas, malls, and a plaza. Another sun-sensitive resource in the area includes Cadman Plaza Park, located northwest of the project site. Cadman Plaza is 10.38 acres of open space with benches, a comfort station, and play areas. It is unlikely that incremental shadows from the proposed addition would reach either of these open spaces as the project site is separated from Columbus Park by Adams Street, a 160-foot wide thoroughfare and the proposed addition is only 40 feet in height. Cadman Plaza is located over 700 feet from the project site, well out of reach of potential incremental shadows. Therefore, the proposed school facility is not expected to result in incremental shadows on Columbus Park or Cadman Plaza and no further shadow analysis is warranted. *