



This map was drawn to indicate the location of bird nests on campus in summer 1896; but it also shows the location of several structures that were designed or built by Rolla C. Carpenter.

1 ICEHOUSE. Construction of the campus icehouse fell to Carpenter in 1878-1879. According to the report to the State Board of Agriculture, "the whole cost, including the filling with sawdust . . . was \$139.38." Capacity was nearly 200 tons.

2 BOILER HOUSE. Carpenter prepared plans and specifications for a new boiler house and chimney and served as construction superintendent (1882-1883).

3 MECHANICAL BUILDING. With the aid of students, Carpenter prepared the specifications and drawings for the Mechanical Building, which was built in 1885. This building was sometimes called the mechanical lab or mechanical shops and was later referred to as the engineering shops. It was expanded in 1887.

4 WELLS HALL. Assisted by students, Carpenter made extensive changes in the steam-heating system in Wells Hall in 1881. The Wells Hall dormitory shown here was built in 1877 and burned down in 1905. A second Wells Hall dormitory was built on the same site in 1907, but was razed in 1966 to make room for an addition to the present-day library. The third, and present, Wells Hall is located on the other side of the Red Cedar River near Spartan Stadium; it houses classrooms, offices, lecture halls, and labs.

5 This is the site where the **ENGINEERING BUILDING** would be built in 1907. It was destroyed by fire in 1916, but replaced by the R. E. Olds Hall of Engineering in June 1917. The College of Engineering moved into a new building on Shaw Lane in 1962 — its present location; Olds Hall now houses a variety of academic and administrative units.

6 When the board approved construction of an astronomical **OBSERVATORY** (1879-1880) the carpentry work was done almost entirely by students under Carpenter's supervision. According to the board report, the observatory was located "on the hill northeast of President Abbot's house." The report also stated that "the inside of the building is unfinished; it will do for present use . . . but it should be finished as soon as money can be spared. . . . The cost of the building in its present condition was about \$125."

MAP
SHOWING LOCATION
OF
BIRD NESTS
ON
M.A.C. CAMPUS
+ SUMMER 1896 +
-SEES-

PG - PURPLE GRACKLE	ST - SCARLET Tanager
R - ROBIN	P - PHOEBE
BJ - BLUE JAY	COO - CUCKOO
BO - BALTIMORE ORIOLE	WN - WHITE-BELLIED NUTHATCH
SS - SONG SPARROW	RW - RED-HEADED WOODPECKER
CS - CHIPPING "	RB - ROSE-BREADED GROSBEAK
CB - CAT BIRD	KF - KING FISHER