Agricultural Engineering was originally constructed as the Manitoba Agricultural College’s Stock Judging Pavilion. Horse, dairy and beef cattle, swine, and sheep barns surrounded the building allowing easy entrance to the pavilion. It contained refrigerator rooms, a butcher shop, emergency stables, and a Veterinary Science laboratory. The skylit central area was where livestock was judged. A seating gallery surrounded this area with accommodations for large classes. The skylights have since been permanently sealed and the interior has undergone considerable renovations, especially in recent years to create a link to the W.R. McQuade Structures Laboratory.