

## the campus plan

# 4

Chapter four begins by describing the essential features of the campus plan. Next, the chapter takes a site-wide view of the campus and the interrelated layers that define its physical structure and organization. This approach provides a way to describe the site from different perspectives, recognizing that each physical or functional layer is connected to every other layer.

Finally, the chapter zooms in on the five campus regions primarily affected by the planned future projects. The regions and planned projects are then presented through narratives and illustrations.

## Essential features of the plan

The essential features are responses to the vision, guiding principles, perspectives and key challenges.

**Preserve the unique character of Fermilab:** The character of the campus is defined in part by its integration with the landscape, which will be a primary concern in future developments. The Central Campus will be designed to encourage walking and taking in the natural environment. State-of-the-art architectural design will create sustainable, aesthetic, inviting, accessible buildings that create a “sense of place” and convey Fermilab’s status as a center of research excellence. The quality of open spaces and streetscapes will be improved through effective and aesthetic signage, lighting, paving and site elements. Landscaping will screen unsightly utility and service infrastructure. Parking in the Central Campus will be moved to the perimeter and screened to minimize its visual impact.

**Ensure new facilities support cutting-edge research:** New facilities will support Fermilab’s 20-year scientific plan. This plan is outlined in the Fermilab publication entitled *A plan for Discovery*. The Intensity Frontier experiments described there are included in this campus plan.

**Encourage a sense of community:** The campus plan includes a consolidated Central Campus with outdoor space where interaction can occur to promote collaboration and the exchange of ideas.

**Ensure environmental stewardship and sustainable design:** The campus plan acknowledges that Fermilab’s natural areas are some of its primary assets and helpful in attracting scientists, staff and visitors to the laboratory. According to the campus plan, obsolete facilities will be removed, and sites will be either redeveloped or restored to nature.

**Ensure the campus is safe and accessible to pedestrians and cyclists:** Pedestrian walkways, bicycle paths, a bicycle-sharing program and a possible shuttle service will provide multiple safe transportation options on the site.

**Ensure the campus is welcoming to visitors:** A new visitor entrance at the Central Campus will guide visitors on their arrival at Fermilab. Displays will promote the unique qualities of the site and explain what it has to offer to the curious in terms of science, nature and wildlife.