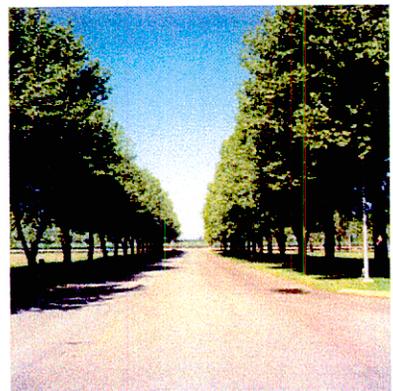


# EXISTING CONDITIONS

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## INTRODUCTION

The scale and intensity of the Battelle Campus in Richland, Washington demands a master plan that provides a framework reflecting the world class stature and importance of this organization to the community. The current layout and physical presence of the campus is somewhat unstructured in the organization of spaces as well as issues relating to circulation around the site. By building upon strong existing elements and recognizing the need for an underlying framework, the Battelle campus can become an environment that is more pleasant, reveals the character of the local landscape, and is legible to visitors and users alike.

## LANDSCAPE PATTERNS

The landscape pattern of the Battelle campus is comprised of one of three categories:

- developed land
- farmland/fields
- programmed open space

Developed land on the campus is either occupied by Battelle-owned or leased buildings. One and two story office buildings, surrounded by vast areas of the lawn are the predominant image. Other facilities have a more agricultural/industrial visual appearance.

Active farmland occupies a large segment of the campus, providing expansive views and evoking images of the agricultural history of the land. All of the farmland is leased to vendors.

A designated central campus recreational area, a three acre native plant zone and expansive pedestrian circulation comprise the programmed open spaces of the campus.

## BUILT PATTERNS

The bulk of the main buildings are located at the northwest intersection of Q Avenue and Battelle Boulevard. The Environmental and Molecular Science Laboratory (EMSL) is located directly north of the central campus. The Research and Technology Laboratory (RTL) is located at the far southeast corner of the campus, about a twenty minute walk from the main buildings. The only other areas of concern addressed by this master plan are the sports fields located south of the main campus.

To the east of the EMSL facility, on the opposite side of Q Avenue is a large complex of leased buildings. These areas of leased buildings will not be part of this master plan study.

Buildings are generally sited well away from the main circulation roads surrounded by parking lots.



*Entry drive off of Battelle Boulevard*



*Immense expanses of lawn typify the campus landscape.*



*Pedestrian paths within the main campus.*



Main campus plaza.



Main pedestrian link to leased buildings.

## CIRCULATION AND ENTRIES

Battelle Boulevard and Q Street make up the main east-west and north-south roads of the campus. They are distinguished by the mature allee of planetrees, as well as being the edges to the main campus.

There are several access points around the campus, with no obvious hierarchy in place to distinguish between them. The main entry to the site is located at the southeast corner near the Research Technology Laboratory (RTL), with the main entry to the Richland Research Complex (RRC) located off Battelle Blvd.

Although pedestrian paths exist along the main routes of Q Avenue and Battelle Boulevard, and in the immediate vicinity of buildings, there are no major pedestrian linkages. A fifteen minute walk separates the main campus from the RTL. The EMSL is less than a five minute walk to the main campus buildings. Buildings 331 and 337 must be accessed by car, with a drive of approximately 10 minutes.

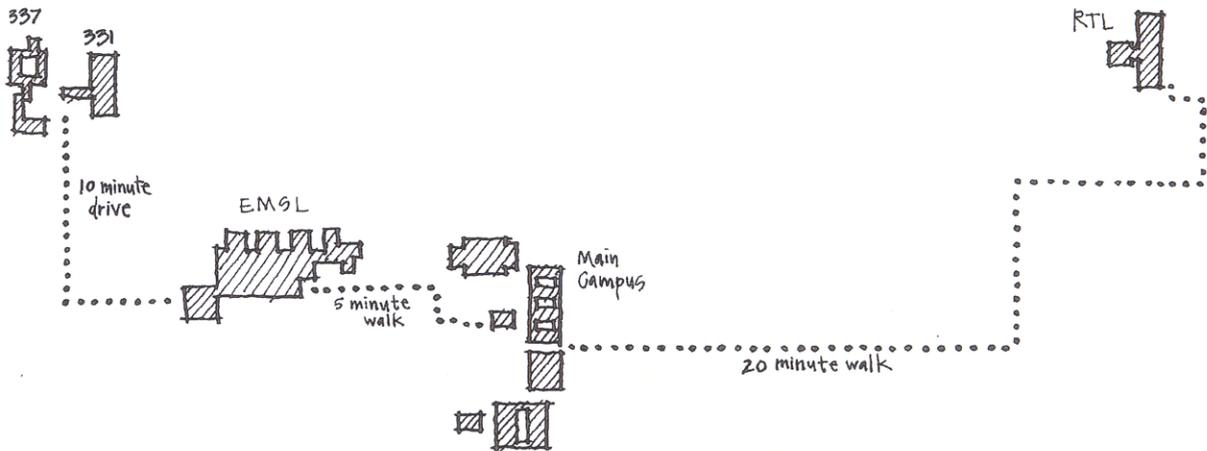


Diagram of distances between main building complexes.



London Planetrees frame the main axis streets of the campus.



Cooling pools provide an oasis in this arid landscape.

## VISUAL CHARACTER AND LANDMARKS

It is the intent of Battelle to establish a visual character that portrays the company as:

- a “world class campus”
- a place of learning
- an anchor in the community

Currently, the visual character of the campus is defined most strikingly by the stately London Plane that surround the campus, the groupings of buildings that create a campus-like feeling, the vast openness of lawn areas and the large active agricultural areas that connect Battelle to the land.

The heart of the campus is the cooling pool/water feature plaza area adjacent to the main campus. This space provides a place for company as well as community events.

## VIEWS

Given the expansiveness of the campus, the flat terrain and open character, views through the campus are to active farmland, building complexes and, in the 300 area, to the Columbia River. Existing views are framed by the perimeter of London Plane trees along the edges of the campus, primarily on Q Street and Battelle Boulevard.

Views from offices within buildings need to be considered as they are a crucial component to the employee's day at Battelle.



*View of Columbia River from Buildings 331/337.*

## PARKING

Parking lots throughout the campus, regardless of age or size, are generally without adequate shade, interior landscaping and defined pedestrian circulation. Pavement condition varies from lot to lot and there is not a consistency to layout, lighting or signage.



*Typical parking on main campus.*

## AUDIO CHARACTER

The pleasant or unpleasant sounds on site will have a direct effect on the type of experience employees and visitors have while on the Battelle Campus. Noise from traffic or the railroad could negatively effect a person's thoughts. Likewise, birds singing or the relaxing sounds of water will have a very positive effect.

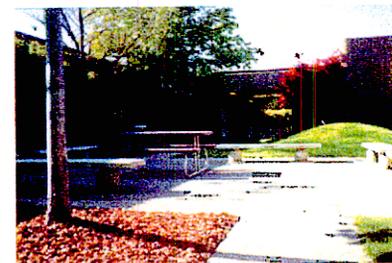
Buffers around the sources of unpleasant noise will aid in eliminating or reducing the negative effects of these sounds. Creating habitat for animals and places specifically for encouraging sources of pleasant sounds will heighten these positive outcomes.



*Spray jets in the cooling pools.*

## PEDESTRIAN ENVIRONMENT

Employees and visitors of Battelle spend a significant amount of time as a 'pedestrian'. Following the drive to campus, the car is parked. One steps out into the site and walks to their destination. At some point it is likely they will walk to a different building during the course of the day. Breaks for lunch or just a short time to escape the office will happen. Possibly, one will also utilize the outdoor recreation facilities during the course of the day.



*Interior courtyards of the Research Operations Building.*



*Pedestrian path near EMSL complex.*

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*High Bay Laboratories PDLE and PDLW*

### CAMPUS EDGES

The strongest elements that mark the edge of the Battelle campus are the mature allees of London Planetrees. The majority of Battelle's buildings are located on the interior of this framework. Outside of this element, the western edge is defined by a continuous railway line owned by the Department of Energy. The eastern edge is separated from the Columbia River by the Port of Benton property. Washington State University and the Greater Richland Community lie directly southeast and south, respectively. To the north of the campus are lands owned by the Department of Energy.

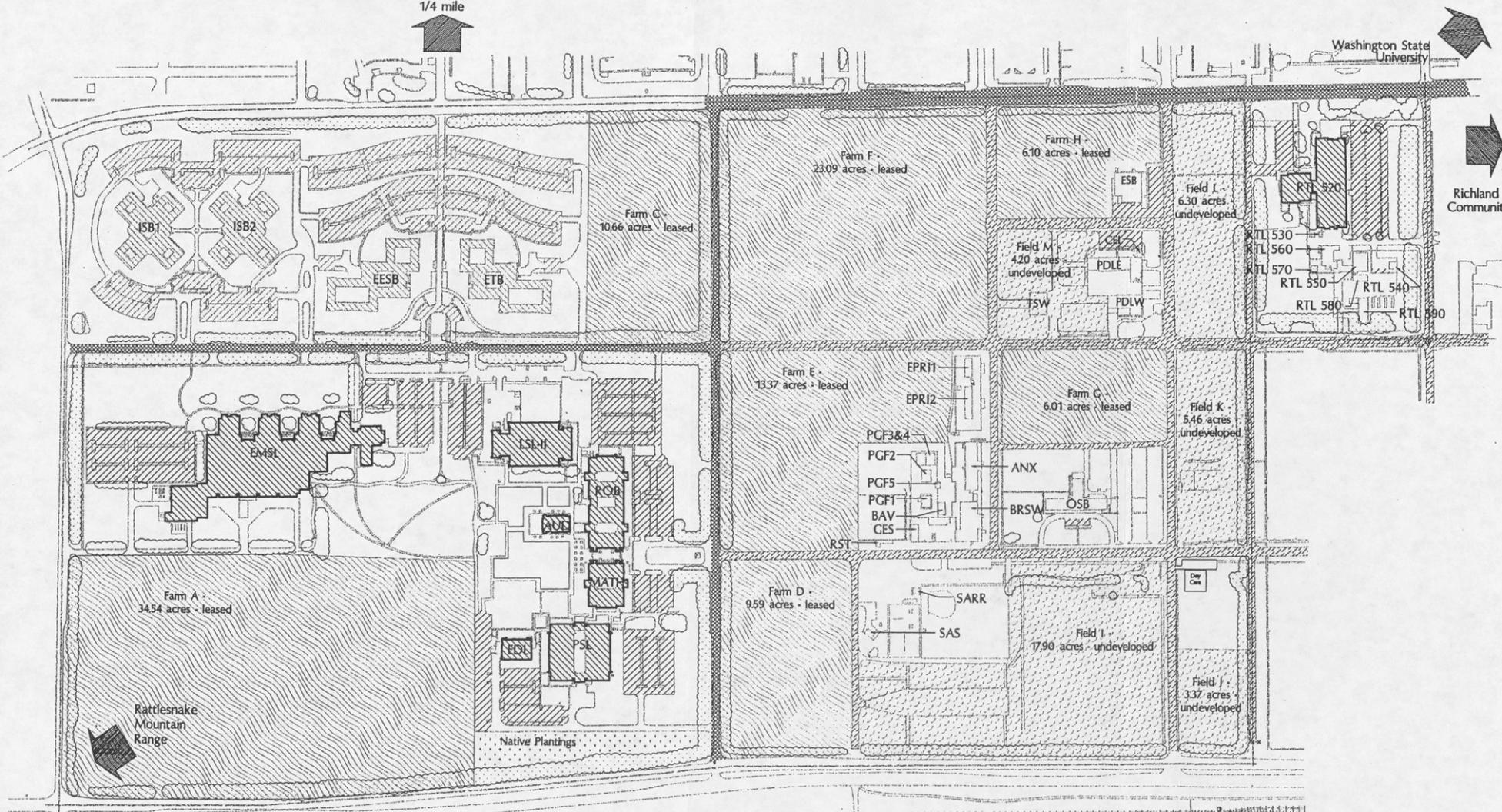


*Stored freight engines await rehabilitation on tracks west of Stevens Drive.*

Columbia River  
1/4 mile

Washington State  
University

Richland  
Community



**BUILDING LEGEND:**

- ANX - ANNEX
- AUD - AUDITORIUM
- BRSW - BATTELLE RECEIVING AND SHIPPING WAREHOUSE
- BAV - BIRD AVIARY
- CEL - CHEMICAL ENGINEERING LABORATORY
- EDL - ENGINEERING DEVELOPMENT LABORATORY
- EESB - ENERGY AND ENVIRONMENTAL SCIENCES BUILDING
- EMSL - ENVIRONMENTAL AND MOLECULAR SCIENCES
- EPR11 - LARGE ANIMAL EXPOSURE FACILITY 1
- EPR12 - LARGE ANIMAL EXPOSURE FACILITY 2
- ESB - ENGINEERING SUPPORT BUILDING
- ETB - ENVIRONMENTAL TECHNOLOGY BUILDING

- GES - GROUNDS EQUIPMENT STORAGE
- ISB1 - INFORMATION SERVICES BUILDING 1
- ISB2 - INFORMATION SERVICES BUILDING 2
- LSL-II - LIFE SCIENCES LABORATORY II
- MATH - MATHEMATICS BUILDING
- OSB - OPERATION AND SERVICES BUILDING
- PDLE - PROCESS DEVELOPMENT LABORATORY EAST
- PDLW - PROCESS DEVELOPMENT LABORATORY WEST
- PGF1 - PLANT GROWTH FACILITY 1
- PGF2 - PLANT GROWTH FACILITY 2
- PGF3&4 - PLANT GROWTH FACILITY 3 & 4
- PGF5 - PLANT GROWTH FACILITY 5
- PLS - PHYSICAL SCIENCES LABORATORY

- ROB - RESEARCH OPERATIONS BUILDING
- RST - REFUSE STATION
- RTL 520 - RESEARCH TECHNOLOGY LABORATORY
- RTL 530 - STORAGE BUILDING
- RTL 540 - DISINTEGRATOR AND STORAGE
- RTL 550 - TECHNICAL SUPPORT BUILDING
- RTL 560 - UTILITY BUILDING
- RTL 570 - CHEMICAL PROCESS DEVELOPMENT LABORATORY
- RTL 580 - MACHINE SHOP
- RTL 590 - WAREHOUSE
- SARR - STAFF ASSOCIATION RESTROOM
- SAS - STAFF ASSOCIATION SHELTER
- TSW - TECHNICAL SUPPORT WAREHOUSE

**BATTELLE**  
PACIFIC NORTHWEST LABORATORIES

existing  
conditions plan  
OPPORTUNITIES AND CONSTRAINTS



NORTH