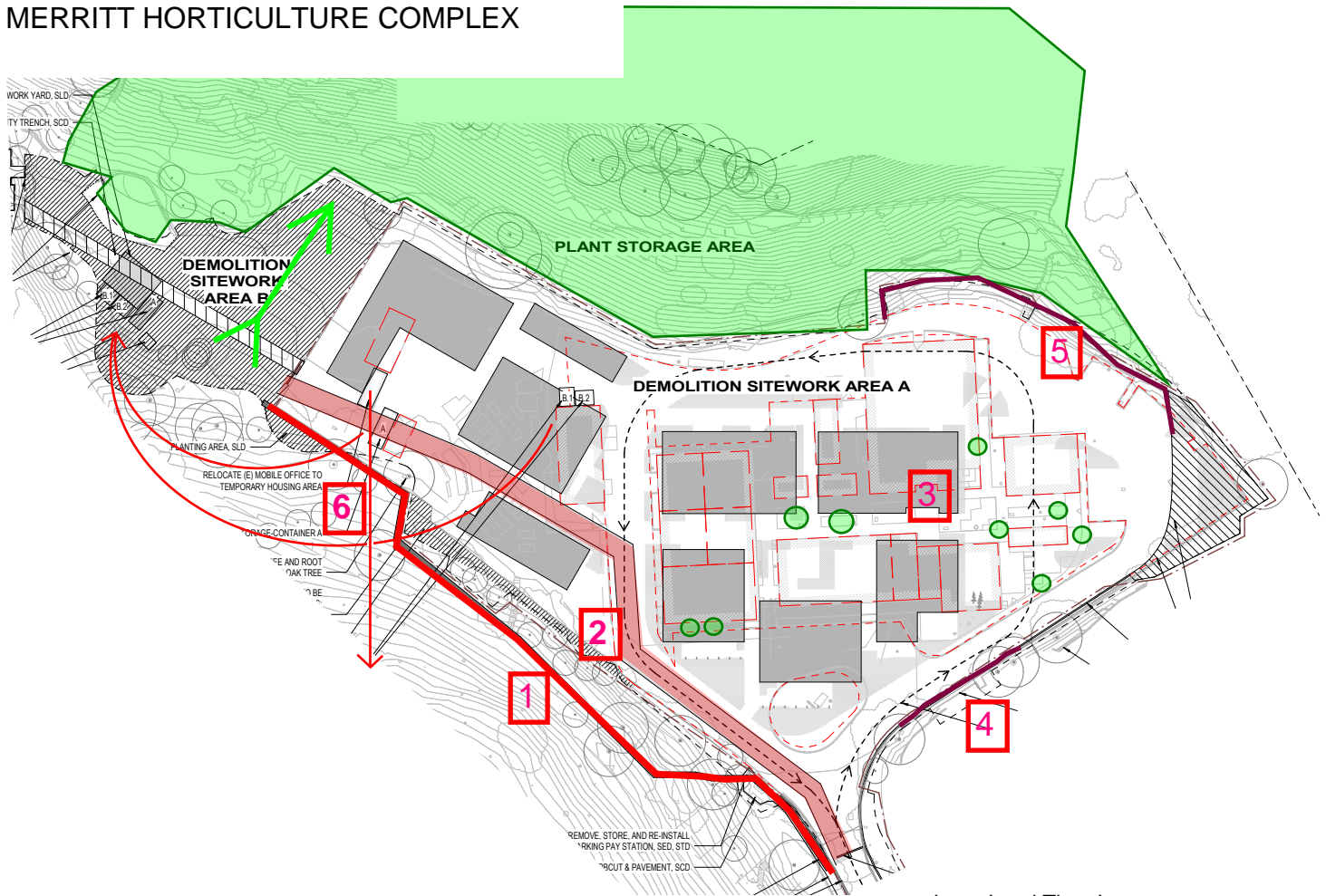


MERRITT HORTICULTURE COMPLEX



Horticulture Program Access

The site phasing that is incorporated into the planning of this project is based on the need to maintain the survival of the plant collection that is an irreplaceable resource for the Landscape Horticulture Department.

Much of the collection is currently growing in the area we have marked as PLANT STORAGE on the steep hillside behind the buildings; this category also includes the mature trees in Area A (green circles) that will be temporarily relocated into Sitework Area B until they can be transplanted in the final phase of work.

In order to preserve the collection, the Landscape Horticulture faculty and students will need to access the Plant Storage Area and the trees stored in Area B, using prearranged access paths that will not conflict with construction activities. There they will regularly water the plants, monitor their health and periodically wash construction dust off them.

Contractor Sequence of Work

Although the specific order of the steps is open to discussion with the selected contractor, we are anticipating that the project will need to begin with these preparations:

- Construction of the pedestrian path shown at **1** and the vehicular access shown at **2**.
- Transplanting the trees marked for preservation (circles around **3**) and moving them to Area B.
- Creation of the new retaining wall at **4** (in the gully) to be sure that the road can support heavy equipment throughout the project.
- Creation of the new retaining wall behind the parking area at **5** so that there is available level site around the buildings.
- Relocation of existing storage buildings A, B1 & B2 to Area B, and relocation of existing mobile office off-site, as shown at **6**.

After this preparatory work, demolition of the existing buildings and construction of the new complex can proceed.

Finally, when Area A can be turned back over to the District, the remaining work in Area B can commence.

Long Lead Time Items

The greenhouses included in this project are manufactured products with inherently long lead times, and the process of their purchase must be initiated immediately upon NTP.

According to the greenhouse engineer on our team, the fastest possible path for their procurement could be as follows:

- Contract award to GC to contract with greenhouse manufacturer: **4 weeks**
- Creation and approval of greenhouse submittal: **4 weeks** (this is possible because the drawings in the bid set are very close to the shop drawings needed in the submittal and are already approved.)
- Factory queue for fabrication: **8 weeks**
- Fabrication and delivery: **12 weeks**
- Erection onsite: **10 weeks** for structure and glazing
- Installation of greenhouse building systems and equipment (fans, sprinklers, electrical, fire alarm, etc.): **10-14 weeks**

Total time from GC NTP to completion of greenhouses: **48 - 52 weeks** - (12 months) at best case.