

Follow the Hayward Fault through Berkeley

You can follow this hike on AllTrails on this link:

<https://www.alltrails.com/explore/map/hayward-fault-berkeley-b440369?u=i>

You can also follow this hike on google maps, but the hike had to be split into two sections.

<https://goo.gl/maps/97k8ijnTUGKw3LLaA> from the Rose Garden to the south end of the stadium

<https://goo.gl/maps/HyqyHbe92Haih8vM7> from the stadium back to the Rose Garden

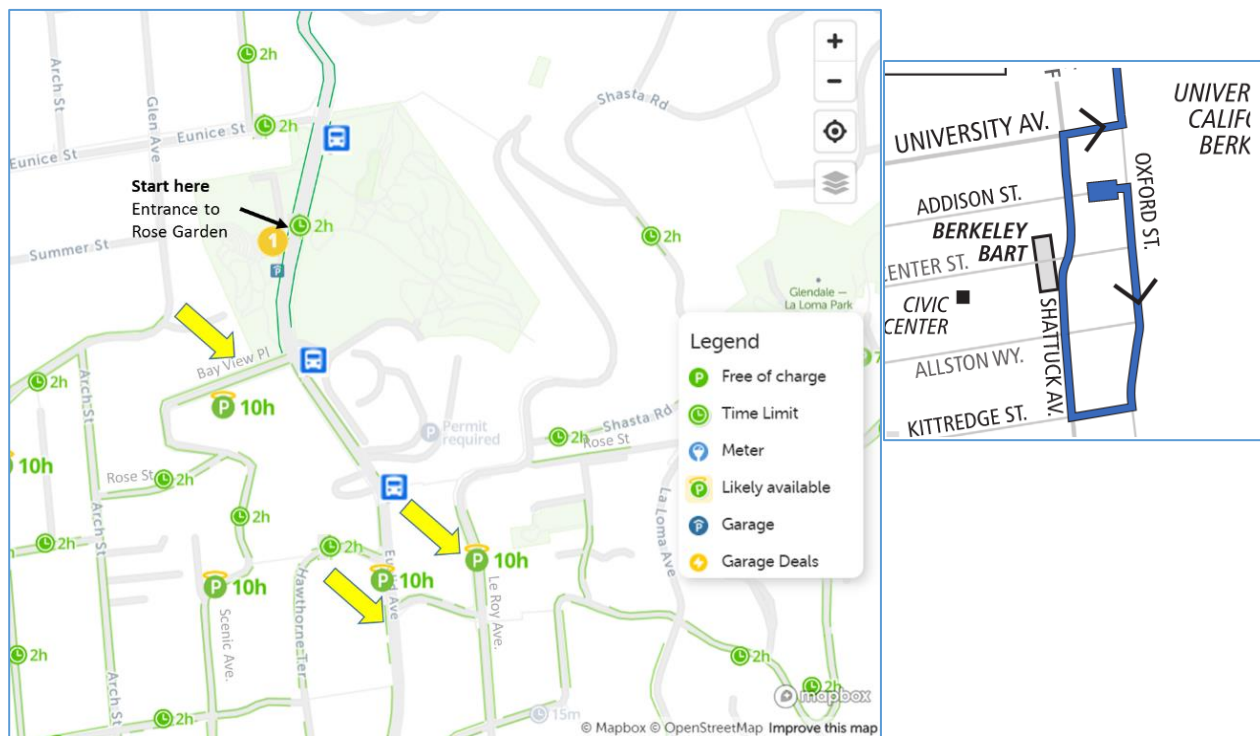
There is also an excellent geologic guide to the section of the hike on campus:

“The Hayward Fault at the Campus of the University of California, Berkeley – A Guide to a Brief Walking Tour” by Horst Rademacher. The campus part of this hike is largely based on this guide, and the guide is a good companion to this hike.

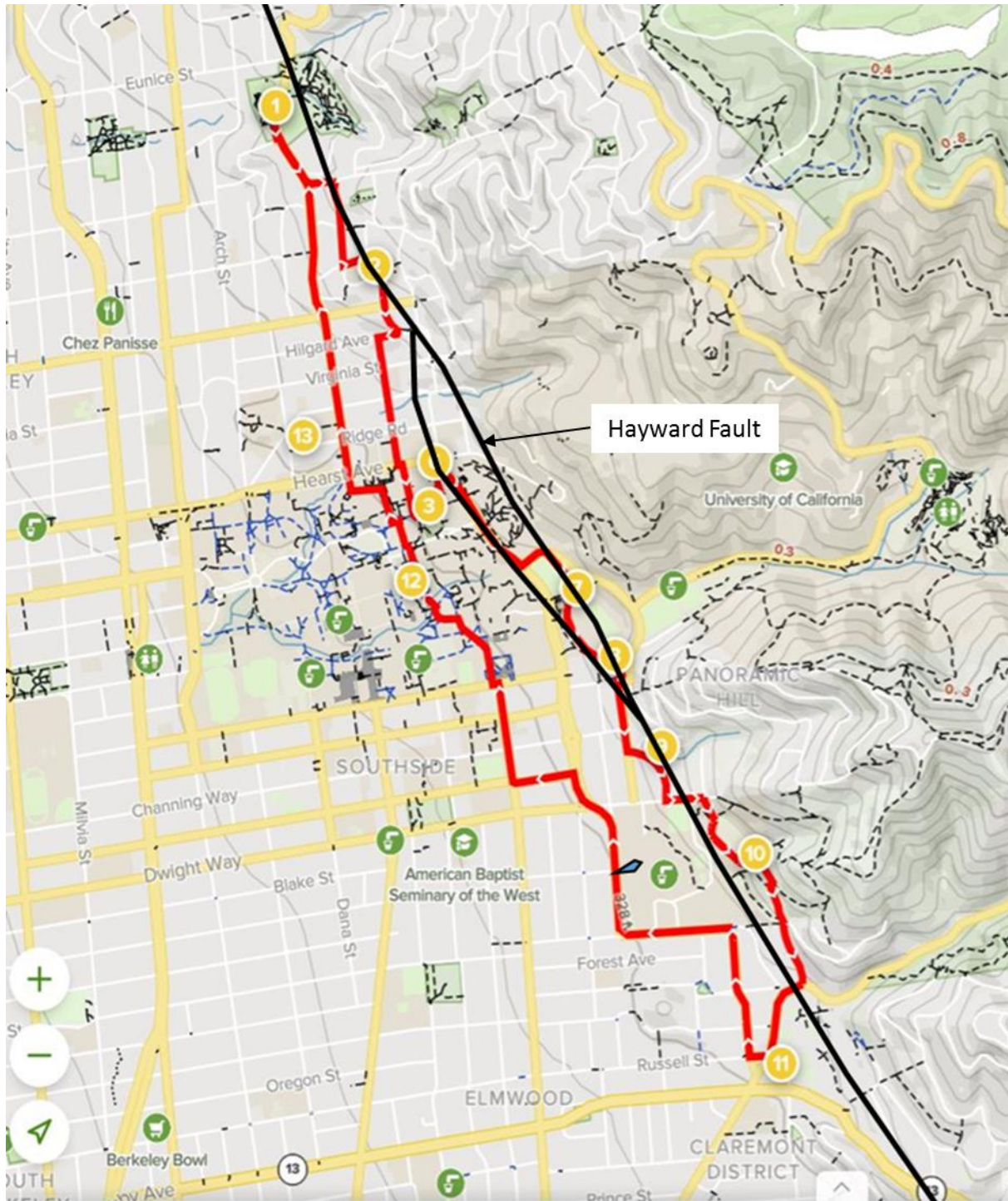
Getting There

Start the hike at the entrance to the Berkeley Rose Garden, 1200 Euclid Ave, Berkeley. (Map point 1). If you drive, there are a lot of two hour zones around the Rose Garden. The best bet for finding a longer place to park is on Bay View Pl, off Euclid just south of the garden. Also on Euclid a couple blocks south, or Le Roy Ave at the top of Rose Ave Steps.

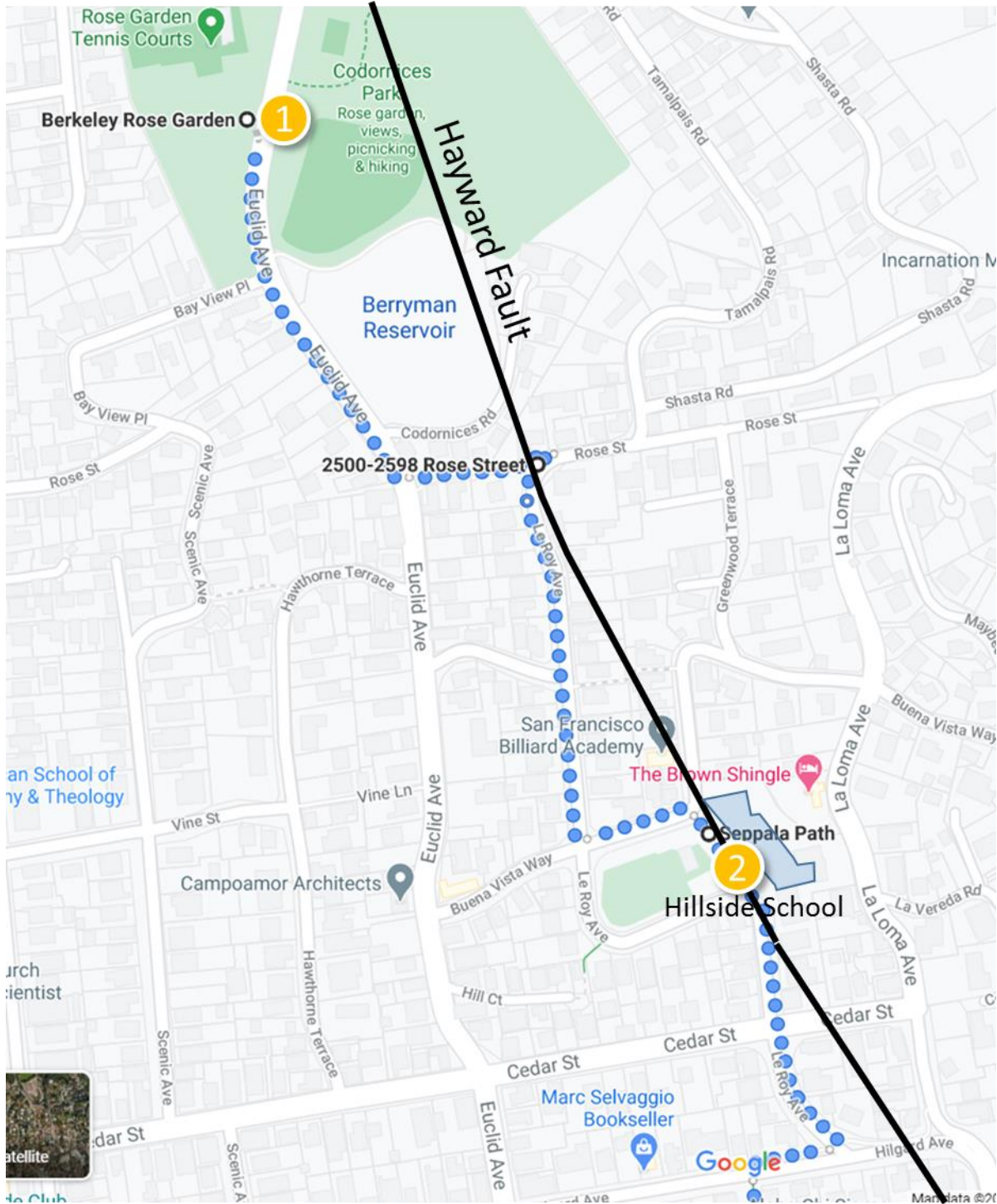
If you take a bus, ATransit line 65 starts on Addison near Oxford in downtown Berkeley, and stops at Euclid at Bay View and Euclid at Eunice, just before and after the garden.



Route of the hike in red, with the main mapped trace of the Hayward fault in black.



Start at the entrance to the Berkeley Rose Garden, 1200 Euclid Ave, Berkeley. (Map point 1) The Hayward Fault runs right through Codornices Park, somewhere around the cement slide. Look to the east, up at the hills. You are moving north relative to that set of hills a couple of millimeters a year, so buckle up! We will follow the trace of the fault southward for several miles.



Head south on Euclid towards the university. On the left is Berryman Reservoir, hard up against the fault.

About 0.2 miles after the start, turn left and ascend the Rose Walk steps. At the top of the steps, turn right and go down LeRoy Ave.

In 2 blocks, turn left on Buena Vista Way. Go 1 block and turn right onto the Seppala Path, in front of the former Hillside Elementary School (Map point 2). This beautiful building is within feet of the fault. As you walk along the path, you are walking on the mapped trace of the fault. Or does it run through the rear of the building?

The original Hillside School opened in 1901 at the corner of Virginia Ave and LeRoy St. It was destroyed in the 1923 Berkeley Fire, and the Berkeley School District built the current building in 1925 on the site of several homes that burned in the same fire. There were major seismic retrofits in the 1930's and an additional wing added in the 1960's. The school was closed in 1983, due to declining enrollment and its proximity to the fault. The building was leased out to the Berkeley Montessori School among other tenants. In 2012 the school was sold to the German International School of Silicon Valley, who used it until closing the building in 2016 due to unmet seismic retrofit needs. In 2018, the German School sold the property to Finnish entrepreneur Samuli Seppälä, who plans to use it for a residence, makerspace and artist studios.



Credit: Felix m

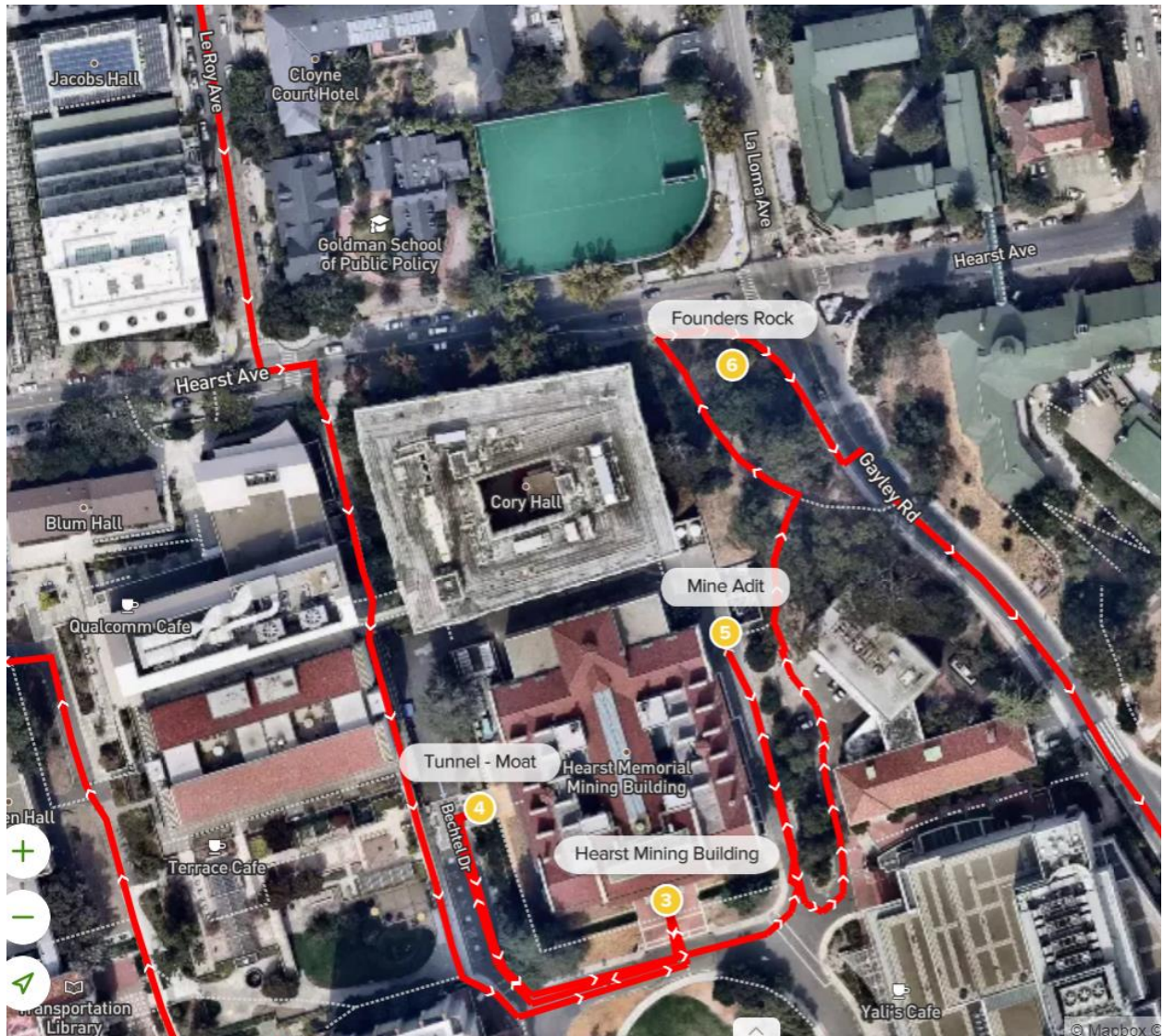
More info: https://en.wikipedia.org/wiki/Hillside_Elementary_School

<https://www.berkeleyside.com/2020/02/28/finnish-entrepreneurs-costly-vision-to-transform-historic-berkeley-school-given-go-ahead>

At the end of the path, continue straight on LeRoy Ave. In 2 blocks, turn right on Hilgard Ave. Go 200' and turn left to go down the LeRoy steps.

At the bottom of the steps, go straight down LeRoy Ave. towards the University.

To the Hurst Mining Building



In 4 blocks, cross Hearst, and continue straight on the walk between Sutardja Dai Hall on the right and Cory Hall, the large home of Electrical Engineering on the left. The walk turns into an elevated walk along Davis Hall to the right. Look across at the building to the left. That is the Hearst Mining Building, our next stop.

Eventually the walkway will descend a flight of stairs. Continue and turn left to walk in front of the Mining Building (map point 3). Walk up the steps to the main door, and go in, if you can. The main hall is very impressive. On the wall opposite the main entrance are pictures showing the original construction and seismic retrofit.

There is an excellent discussion of the building and the seismic retrofit on page 5-7 of the guide by Horst Rademacher. In short, this beautiful historical building was rendered seismically sound by isolating it from the earth, with the building resting on dampers to limit seismic shaking. The next stop shows part of the technology necessary for seismic isolation.

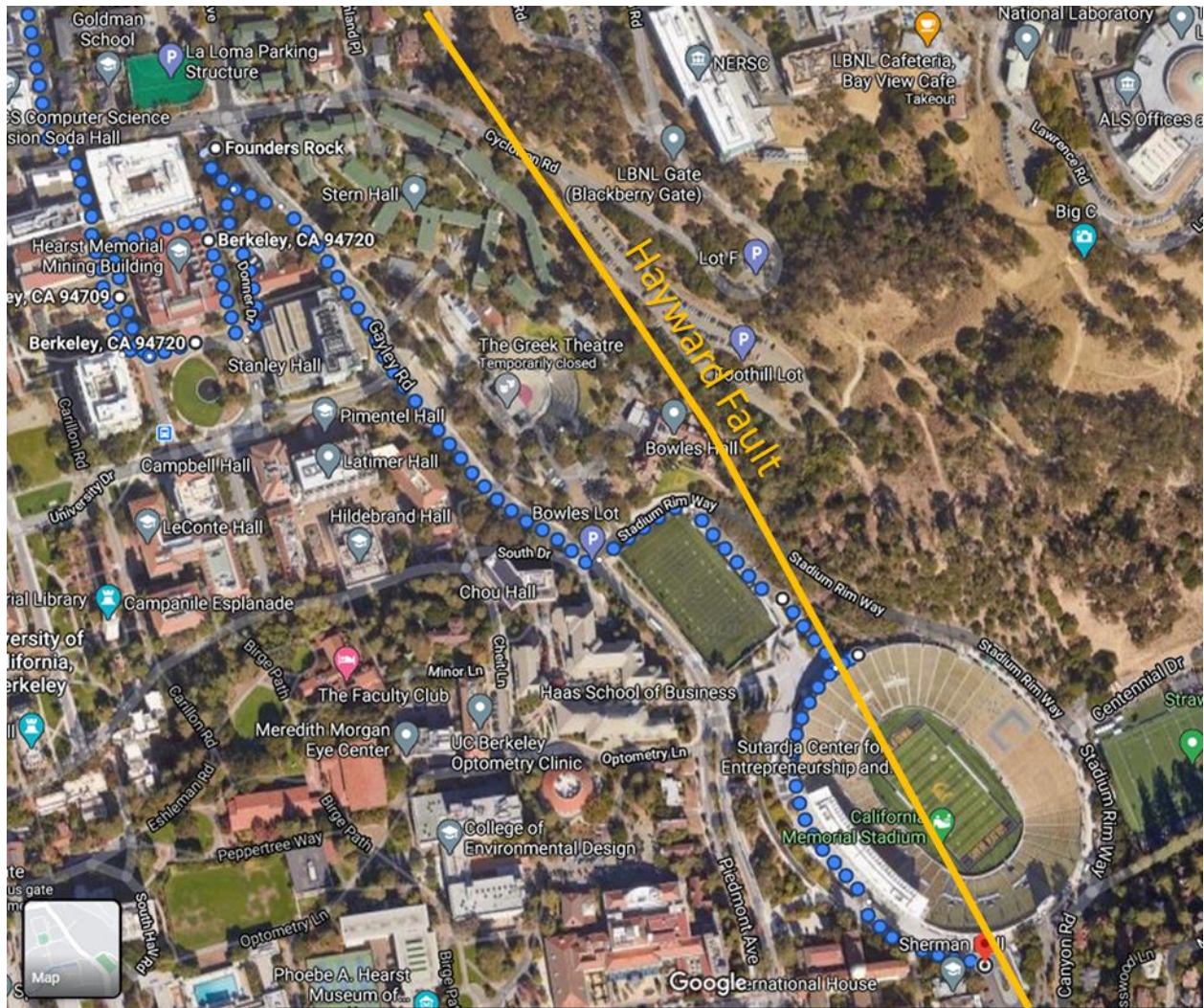
Leave through the main entrance, walk back down the stairs, turn right, then turn right again to walk down the side of the building. After about 100', turn right into the walkway (almost a tunnel) leading to the side entrance. Stop almost at the door, in the 'underpass'. This is the 'moat' (map point 4).

The moat is discussed on page 8 of the Rademacher guide. The moat is a void space all around the building, to keep the shifting ground in an earthquake from banging into the building, sitting on its isolators nice and still.

Next, retrace your steps around to the front of the building, continue past the main entrance and turn left to walk along the east side of the building. After around 100', there is a heavy steel gate on the right side of the street. This is the entrance to a student dug mining tunnel, the Lawson Adit (map point 6). (note that google maps routes you around the back of the building, you will still get there).

The Lawson Adit is discussed on pages 8-9 of the Rademacher guide. This was a mining adit (horizontal tunnel) dug by mining engineering students as part of the curriculum. Later it was extended through the Hayward fault.

Walk back towards the front of the building, but make a very sharp turn to the left to go up the hill. Walk across the parking lot and go up the stairs on the other side. Turn left after the stairs and Founders Rock is on the right after around 50' (map point 6). Founders Rock is discussed on pages 10 and 11 of the Rademacher guide.



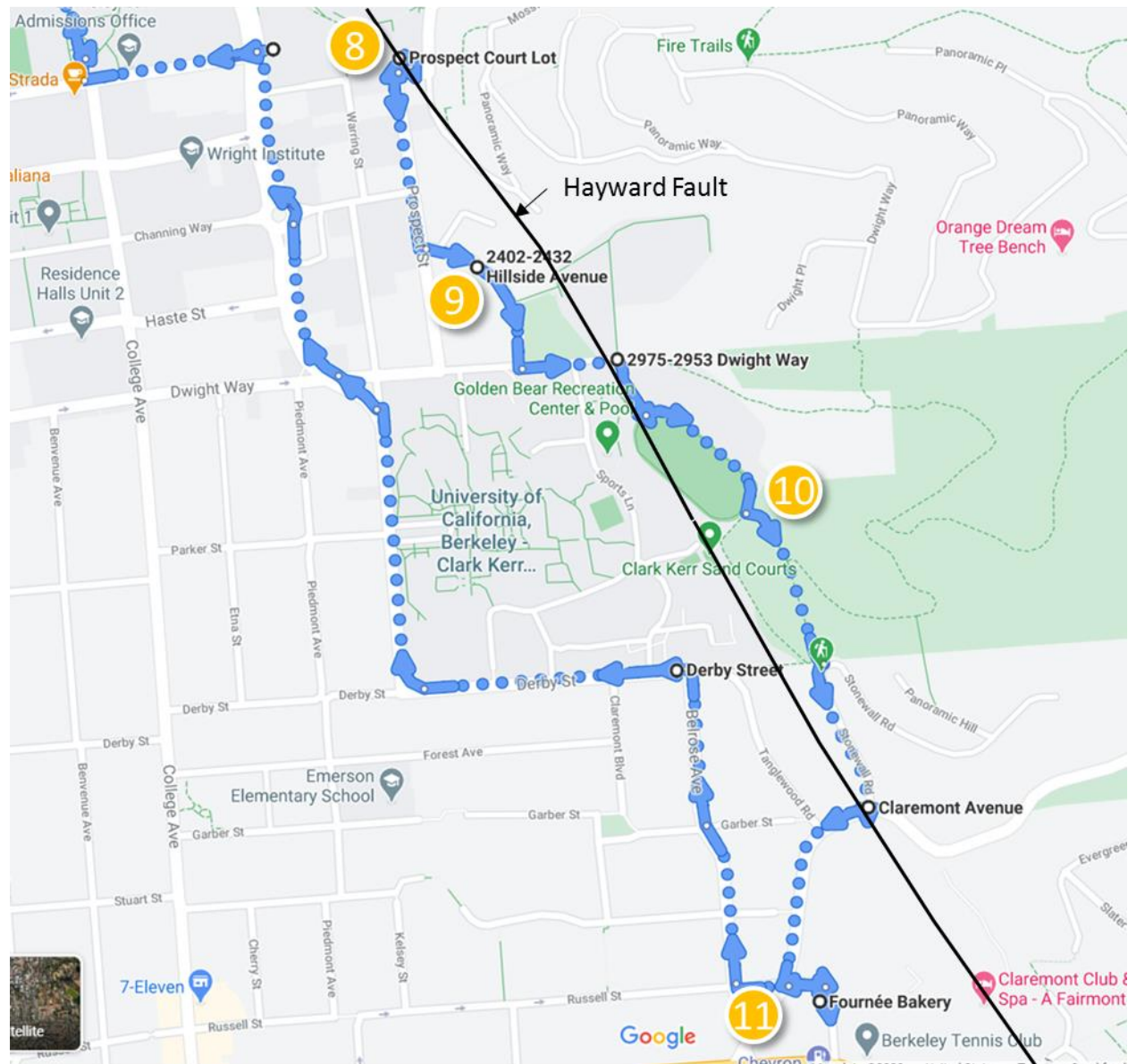
Then head south along Gayley Road towards the stadium. The Hayward Fault is about 500' up the hill to the left of us, passing behind Stern Hall (dorm), the Greek Theatre, and Bowles Hall (really close). Note to parents: don't put your kid up in Bowles Hall!! There is also a fault branch that runs down Gayley Rd.

Turn left on Stadium Rim Way after about 0.2mi. Follow the north edge of the stadium parking garage. Turn right at the stop sign opposite Bowles Hall to follow the east side of the parking garage, all the way to the North gate of the stadium (map point 7).

The stadium is discussed in a lot of interesting detail on pages 13-20 of the Rademacher guide. I doubt you would be able to walk through the stadium like in the guide, but you should be able to get through the outer gates to see the deformation where the fault passes through the north side (stop 5.2 in the guide), then proceed along the nice promenade around the west side of the stadium (good for a stop if there were benches), all the way to the deformation at the south end of the stadium (the infamous section KK, stop 5.4 (map point 8). If you can't go right alongside the stadium, there is another walk just a little farther out around the west side of the stadium that is still good.

This is the farthest point for the hike on 11/12/2020. You can head downhill through campus and meet the trail again at the Campanile (map point 12), or find your way back to the Rose Garden on your own.

Regroup at the little parking lot at the south stadium entrance (prospect court lot). The fault runs through here, and a trench was dug across this lot to have a look at the fault. This is discussed in page 21 of the guide, stop 5.6.



Continue south on Prospect St 0.1 mi and turn left on Hillside Ave. In about 250' you come to a pretty little stone bridge over a (certainly dry unless we get lucky and it has rained) creek. Look to the left, up the hill, and if you squint through the vegetation you see the drainage makes a sharp turn to the right before turning uphill again. This is at a trace of the fault. The fault has carried the lower part of the stream northward relative to the uphill part (Map point 9). Looking at a map, you can see that Strawberry Creek as it passes through campus has been offset around 1000' northward from Strawberry Creek in Strawberry Canyon. Of course it is harder to see on the ground, because Strawberry Creek runs in a pipe from the playing fields and under/around the stadium and Hass school of Business.

Continue south on Hillside Ave and turn left on Dwight Way. Walk up Dwight Way to Fernwald Rd and look back down Dwight Way. You should see a little deformation in the curb caused by creep in the fault.

Walk down the trail opposite Fernwald Rd towards the Athletic field. The fault passes through the field lengthwise.

Go around the field to the opposite end. (Map point 10) Take the trail at the opposite end of the field. The idea is to get to Stonewall Road. You might have to make a left at the beginning of the trail and head up a short slope, then bear right farther on to get to Stonewall road and not go farther up the hill.

Turn right as you exit onto Stonewall Rd. Stonewall ends at Claremont Ave, opposite the Claremont Hotel. The fault goes right behind the Claremont, but we can't get there from this direction.

Instead, turn right on Claremont, then left on Russel St. (be careful of traffic!). Russel makes a sharp bend to the right and turns into Domingo Ave, where you will find Fournee Bakery and Pete's Coffee (and maybe bathrooms). (Map point 11)

Time to head back. Retrace your steps to Russell St. Cross Claremont Ave and continue on Russell one short block. Turn right on Claremont Blvd.

Claremont Blvd turns into Belrose Ave. After 0.2mi turn left on Derby St, along the edge of the Clark Kerr campus.

Turn right on Warring St, following the edge of campus. After 0.2mi, turn 45 degree left onto Piedmont Ave.

Follow Piedmont Ave. 0.2 mi to the International House on the right (bathrooms).

Turn left on Bancroft Way and go down the hill one block. Opposite College Ave, turn right into campus and angle your way to the Campanile (map point 12).

Continue north to the North Gate, opposite Euclid Ave. Go north on Euclid 0.7 miles (unfortunately uphill) and you are back at the Rose Garden.