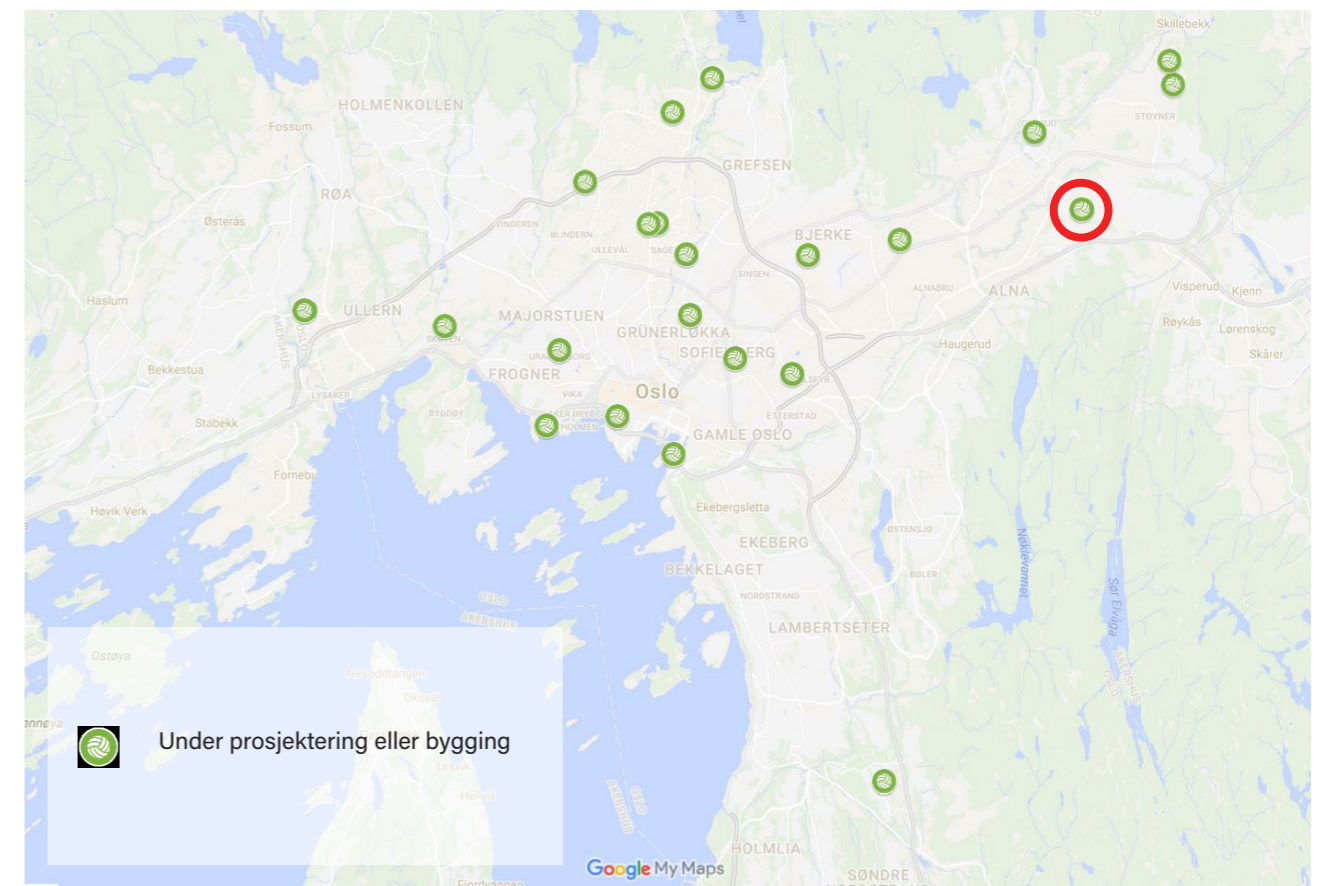
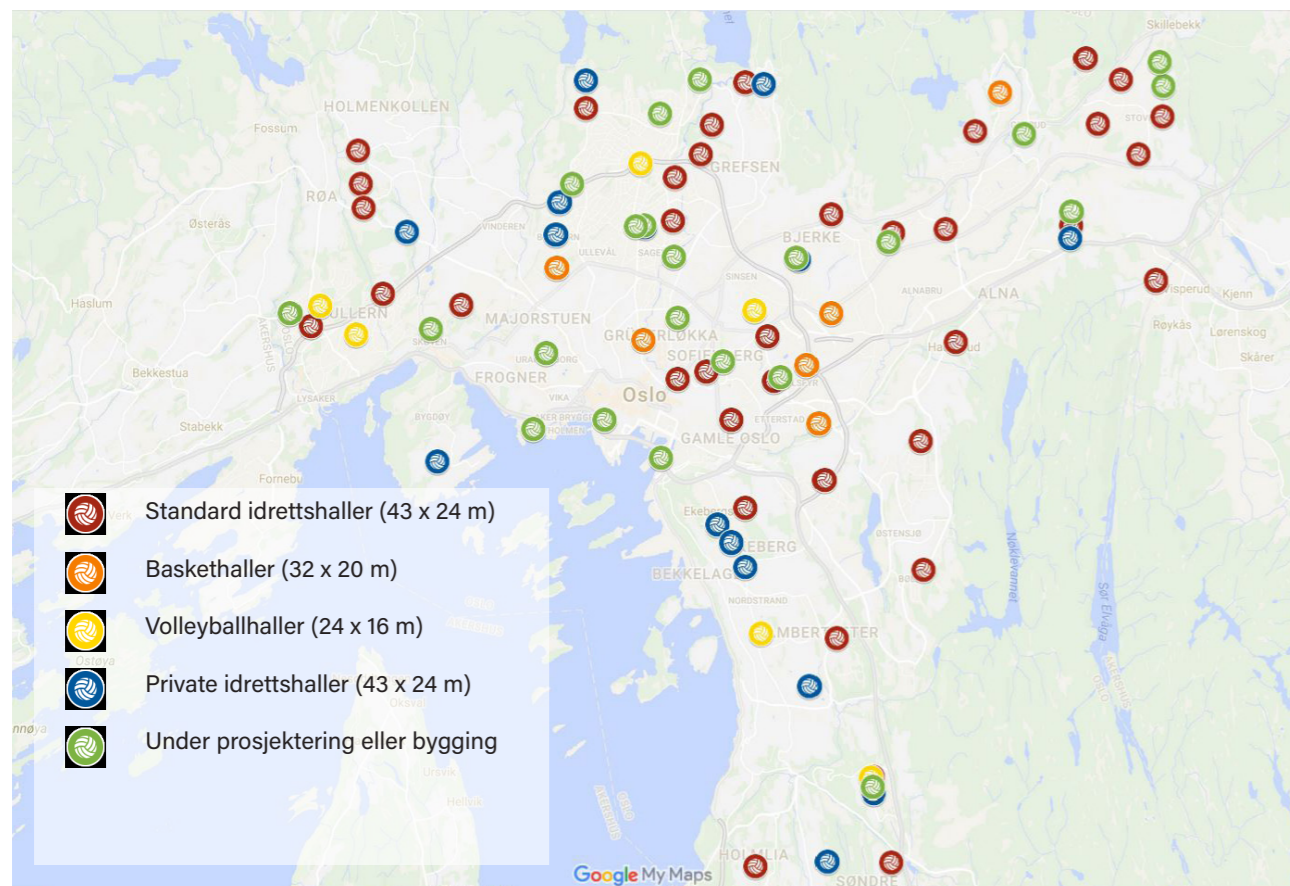


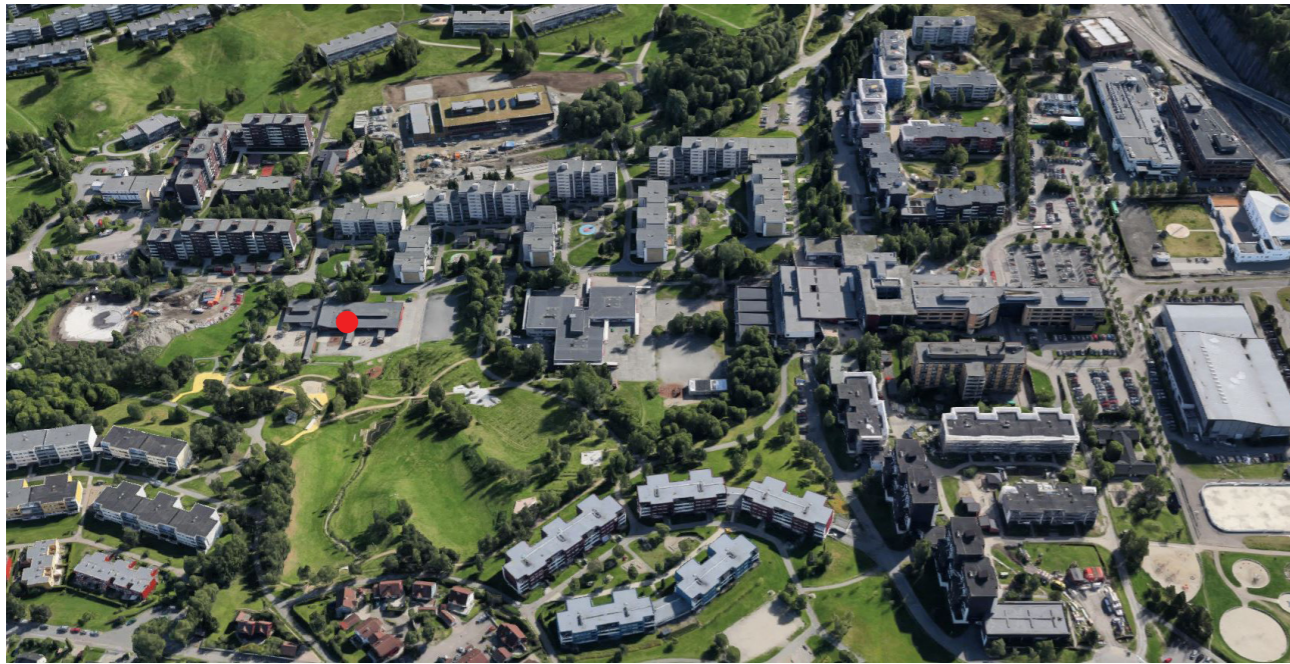
The site

Site regulated for a multipurpose hall

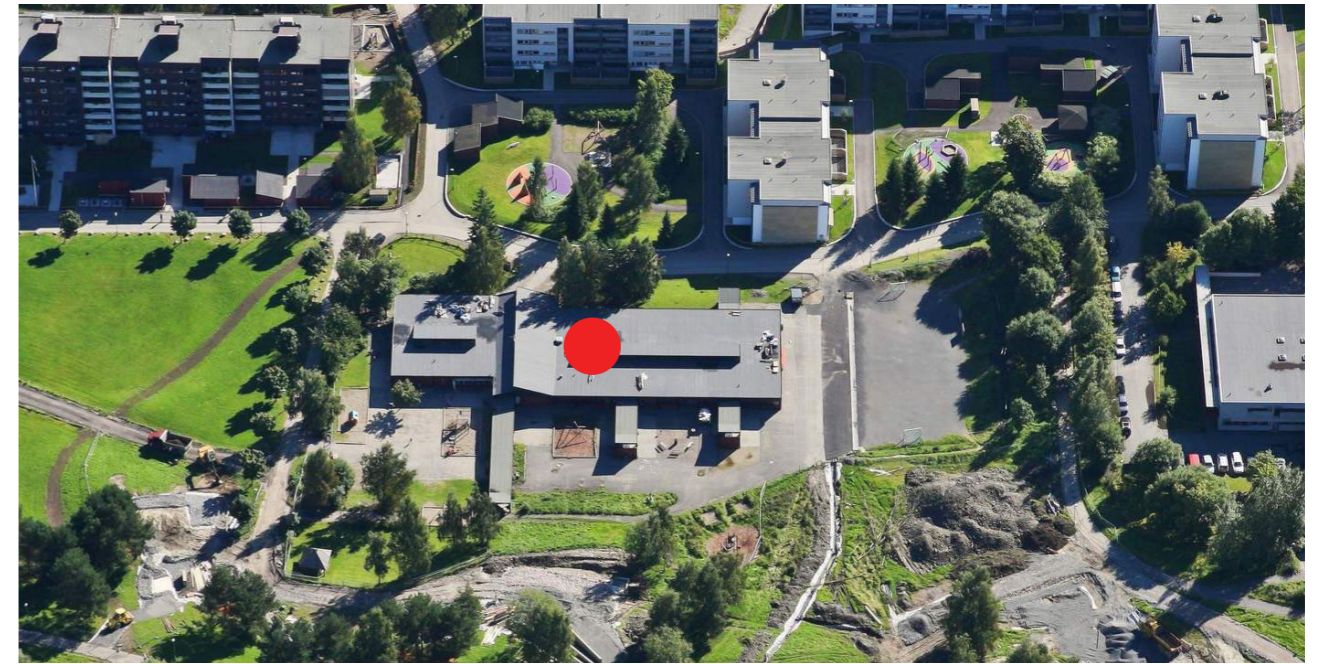
I chose the site based on idrettsforbundets overview of planned and existing sports facilities in the municipality of Oslo.

In Furuset a new multi purpose hall are planned to support a new elementary school in Verdensparken.





Aerial photo of site



Aerial photo of site

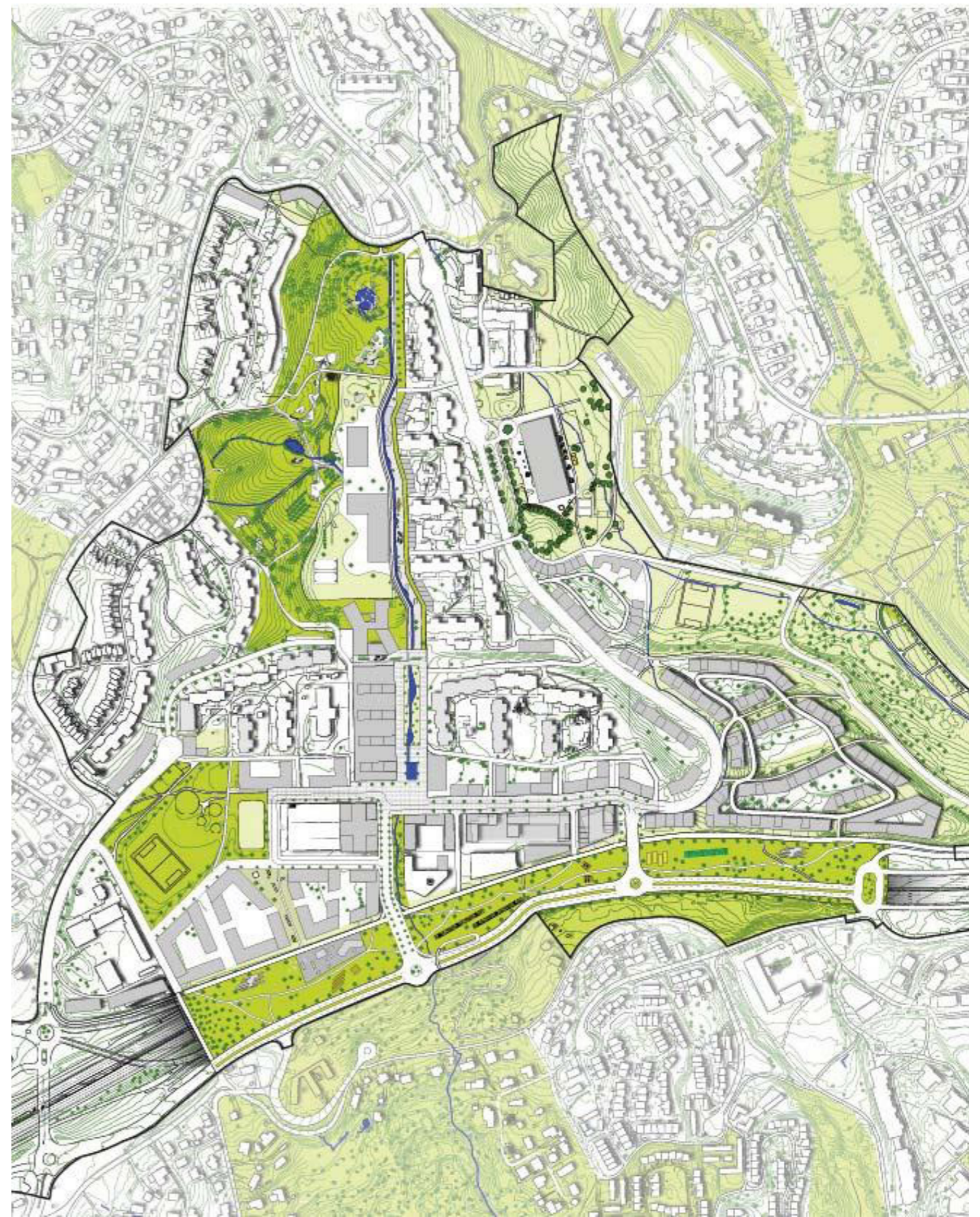




Furuset ble bygget ut som en drabantby på 70-tallet.
Historisk kart 1971



Historisk kart 1984



Forslag om klimaeffektiv byutvikling, 2014
Illustrasjon: Plan- og bygningssetaten

Site

T4 consists of two sites. They are together regulated for a new multi purpose hall in Furuset, a new elementary school and a kindergarten. The existing school, ready for demolition, is located on the southern site.

A part of the school for younger kids and a small kindergarten, ready for demolition, is located on the northern site.



Proposed new regulation plan
Illustration: Plan- og bygningssetaten



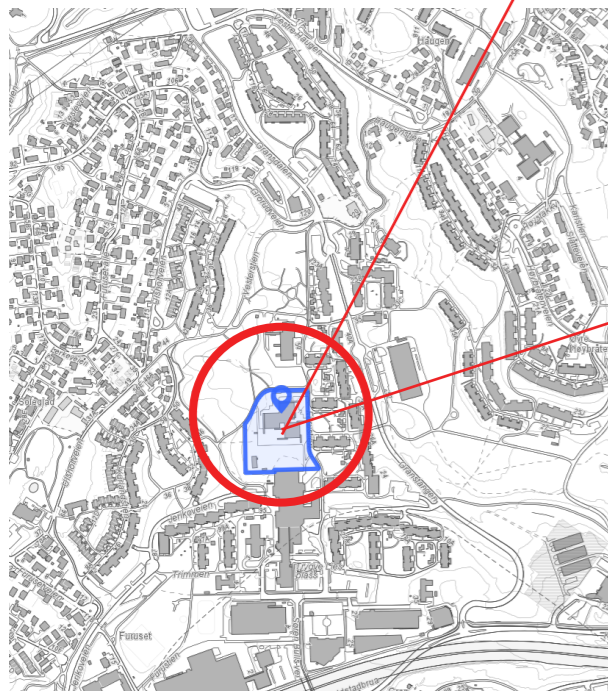
Site: old/existing gran school

Chosen site - proposal

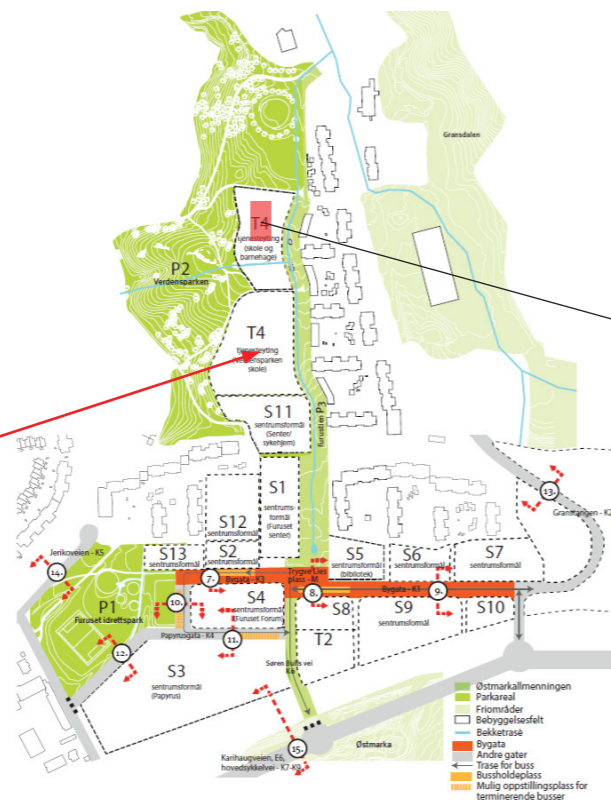
The multi functional hall will be given a prominent connection to Verdensparken along the green/blue axis from Furuset center.



Site: old/existing gran school and kindergarten



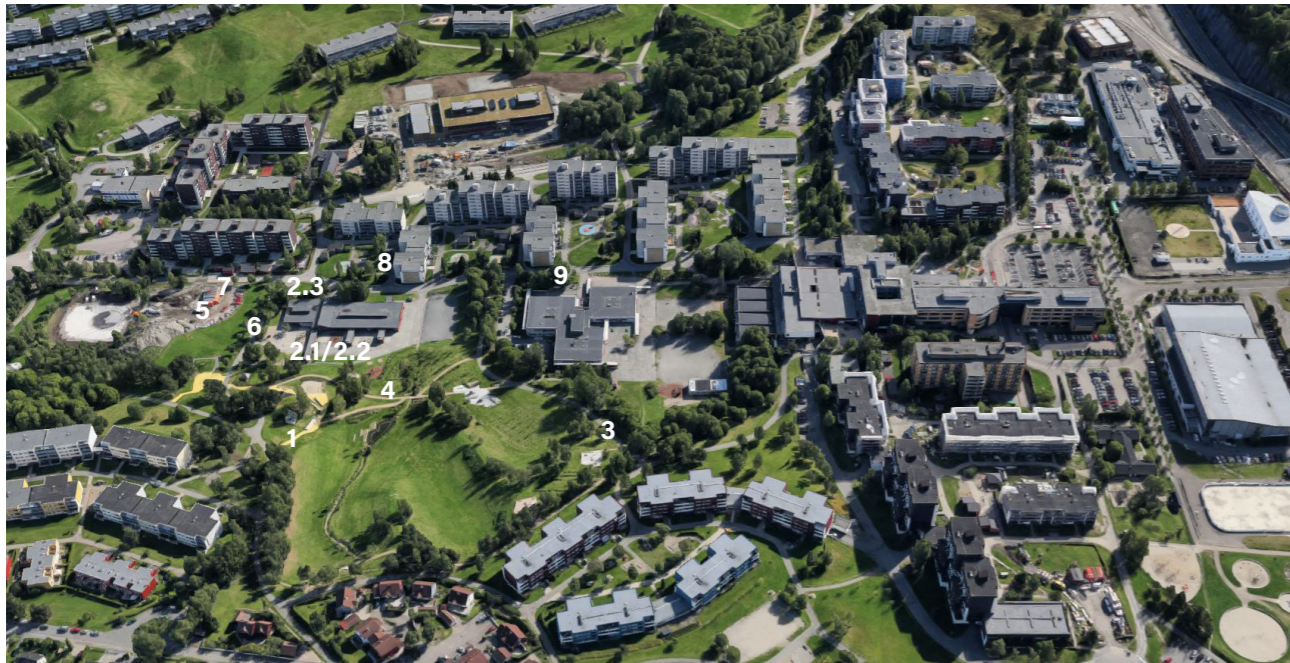
Site: the new verdensparken elementary school



regulation plan- new Furuset center
Illustration: Plan- og bygningssetaten



Site: facing verdensparken



Site photos



3



4



5



6



1 - parkour park



2.1 - existing building on site



7



8



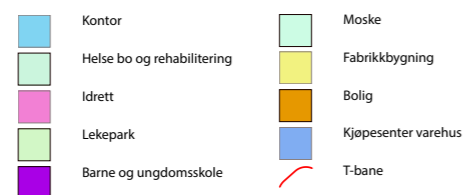
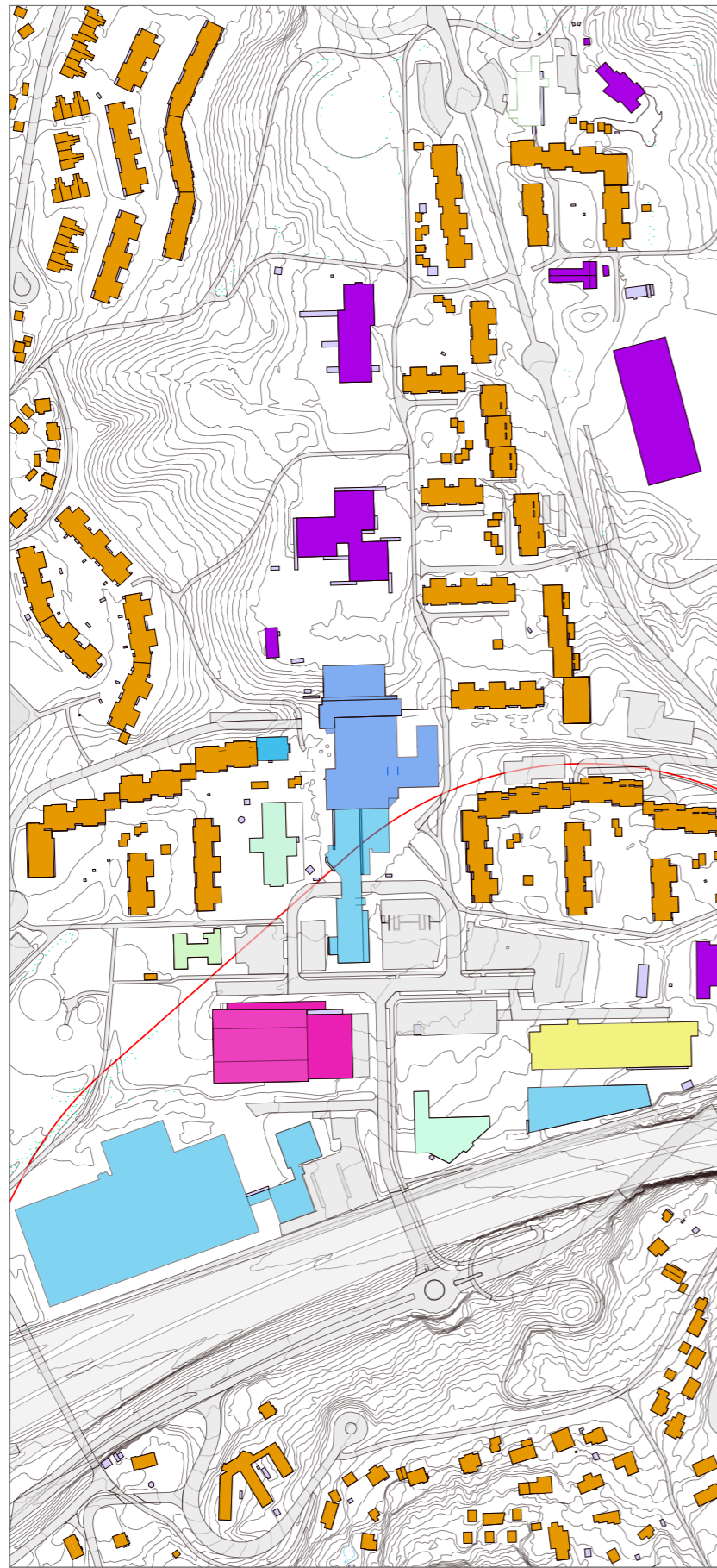
2.2 the school has moved to a new location



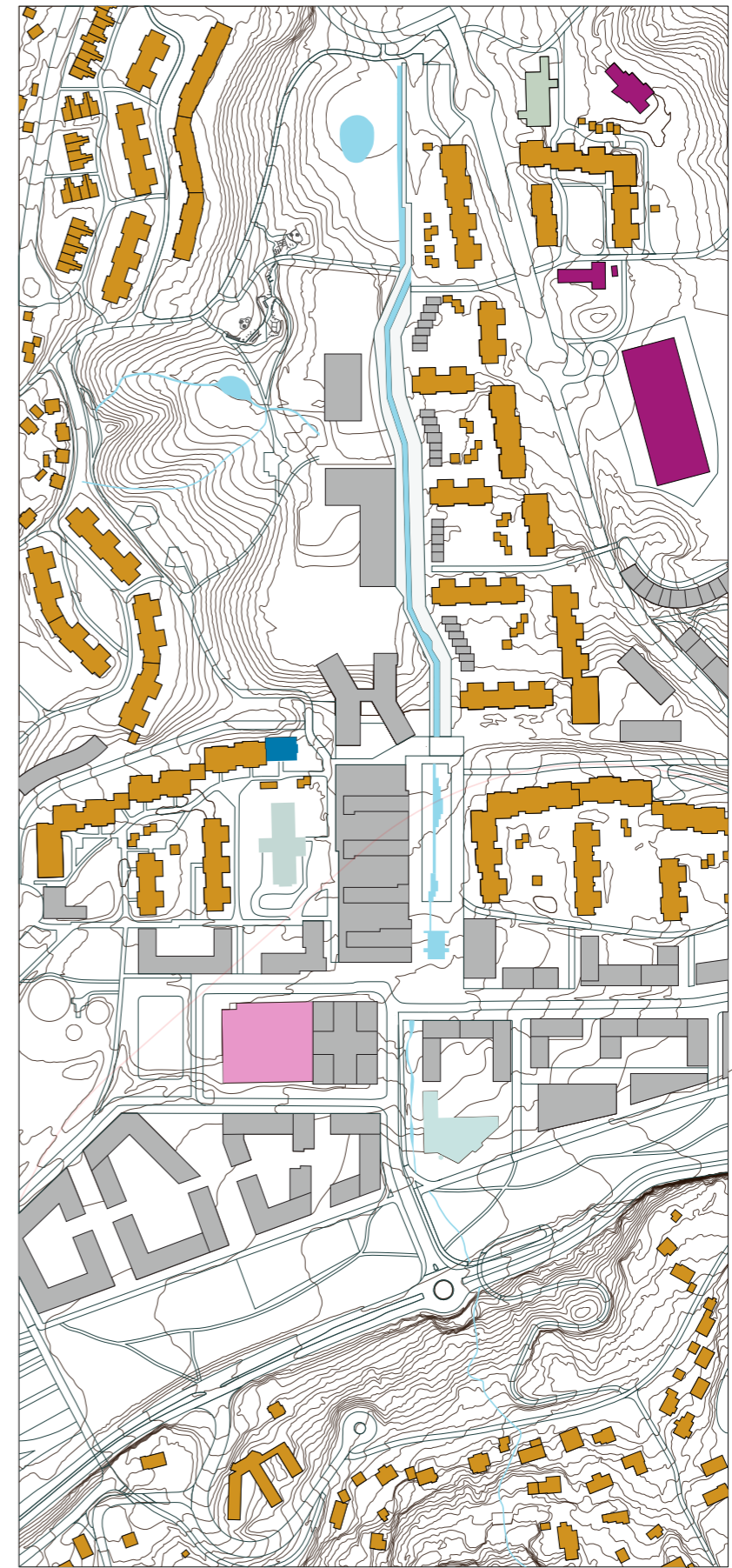
2.3 - facade towards north- south axis



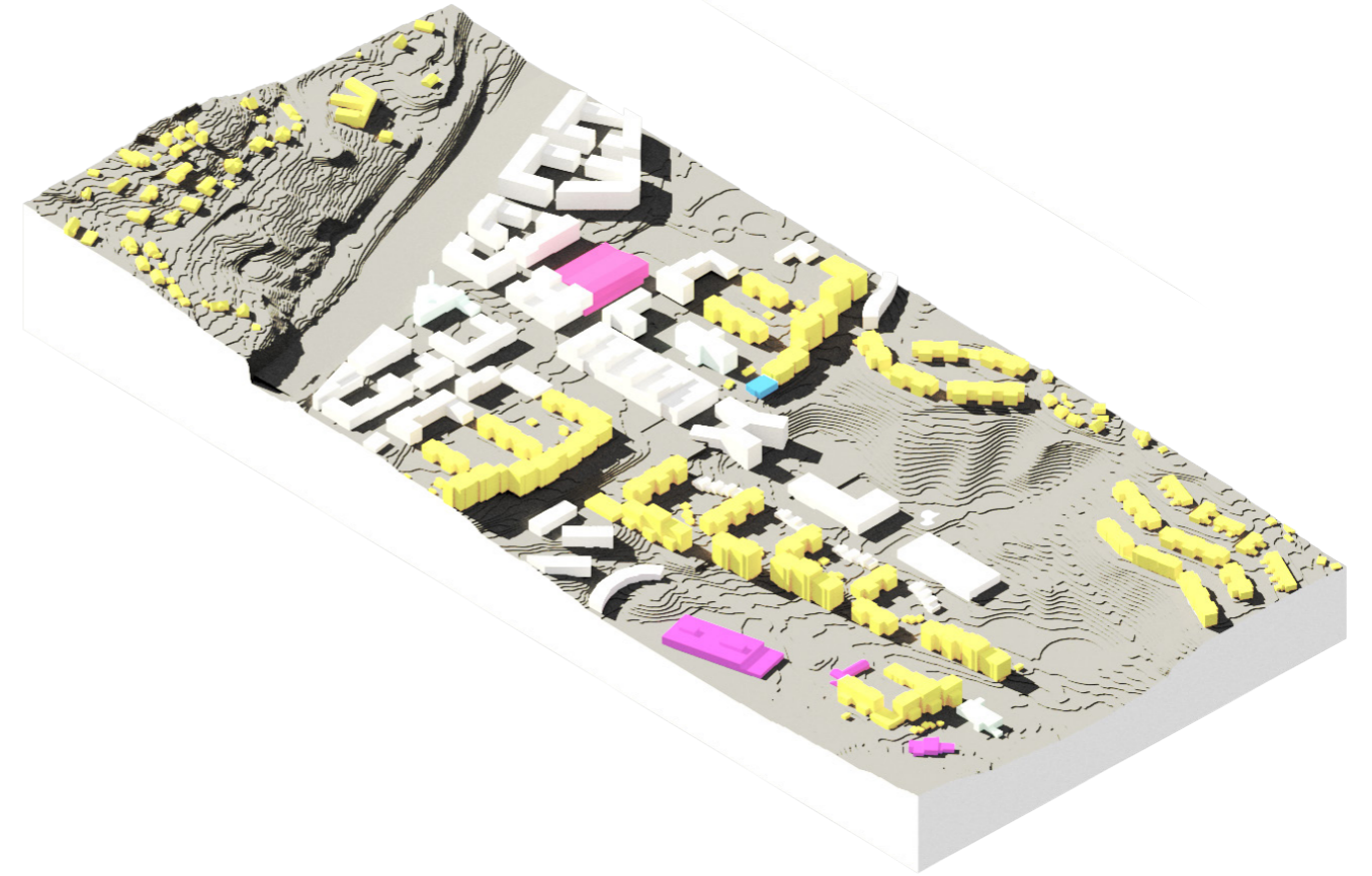
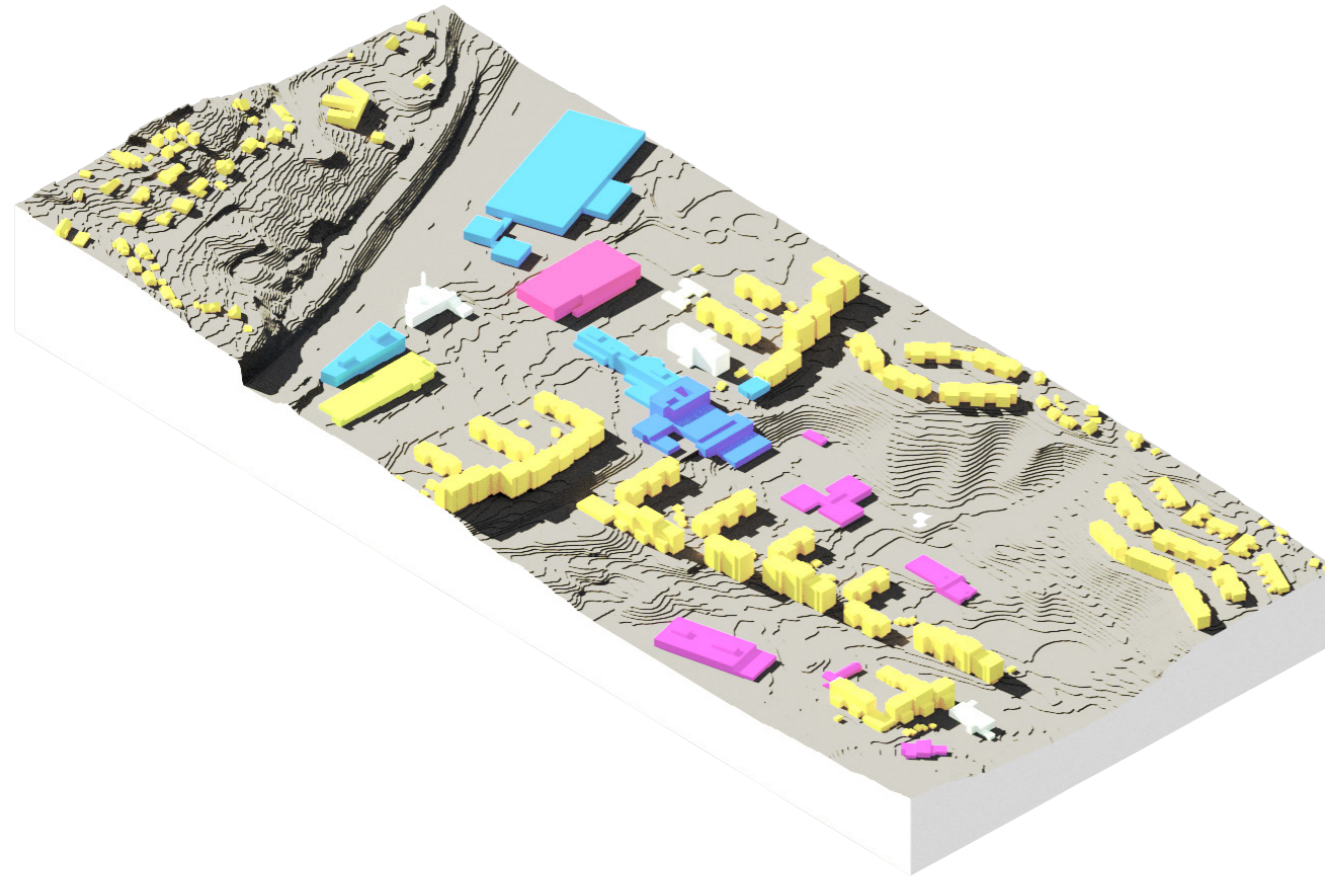
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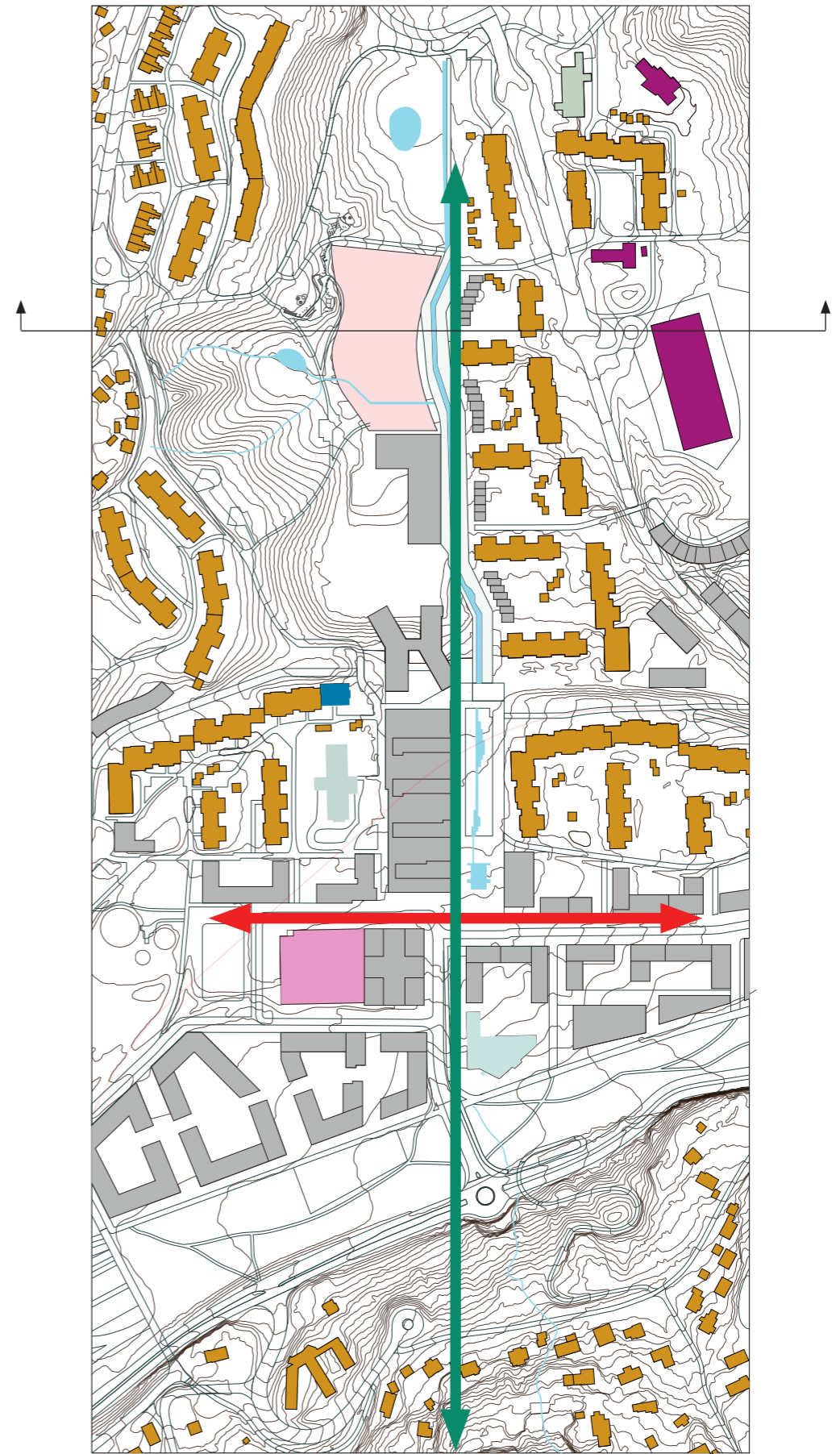
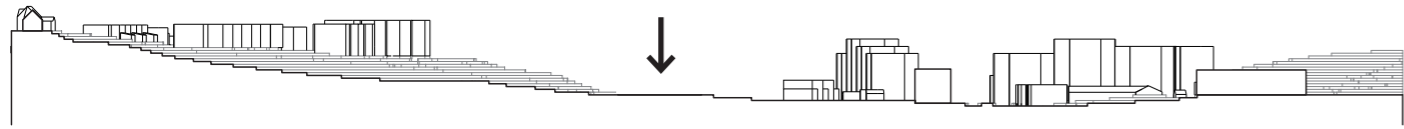


Existing situation



The new regulation plan for Furuset



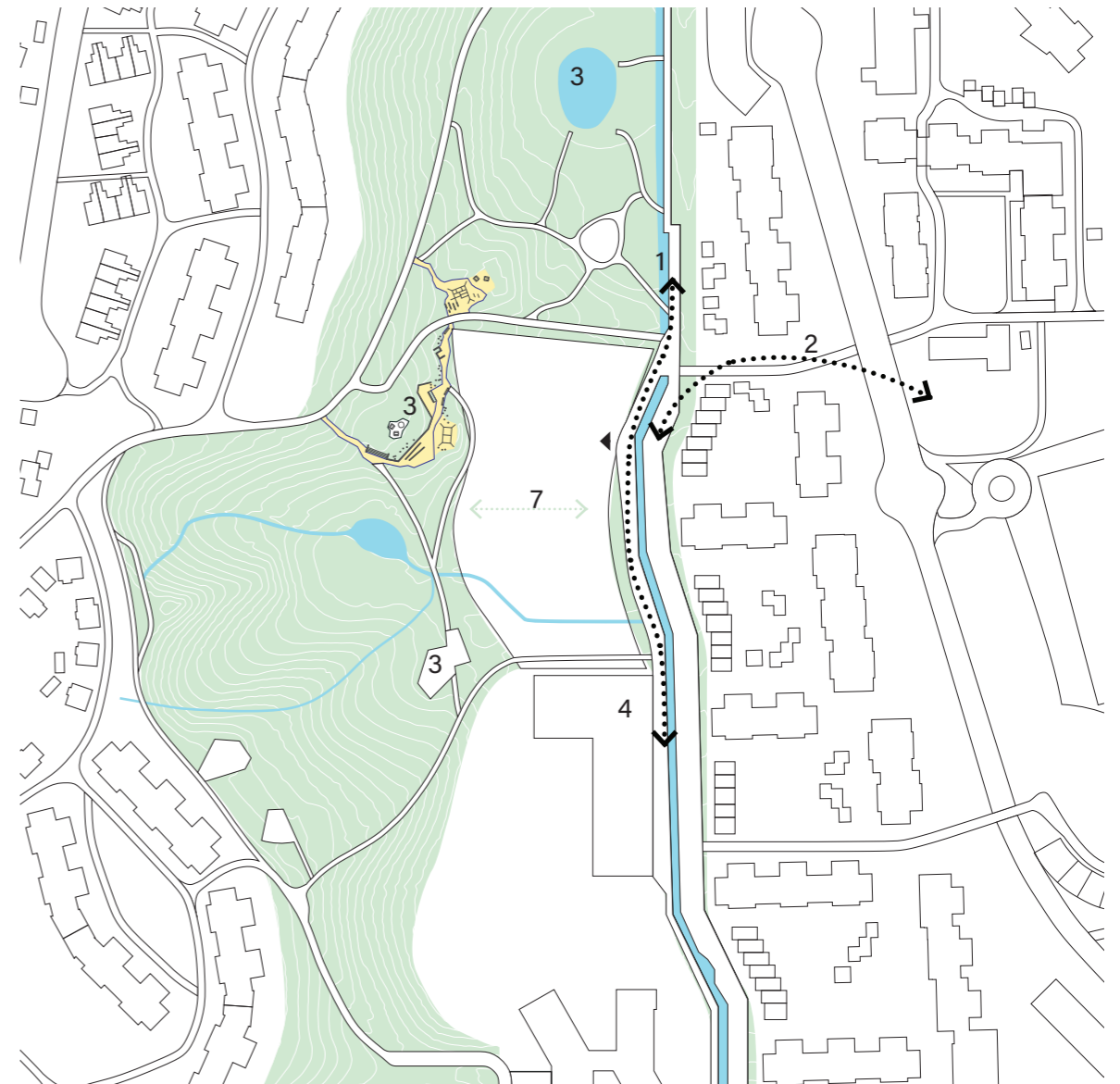


- | | | | |
|---|----------------------------|---|---------------------|
|  | Kontor |  | Moske |
|  | Helse bo og rehabilitering |  | Bolig |
|  | Idrett |  | Kjøpesenter varehus |
|  | Barne og ungdomsskole |  | T-bane |
| | |  | Planlagt regulering |



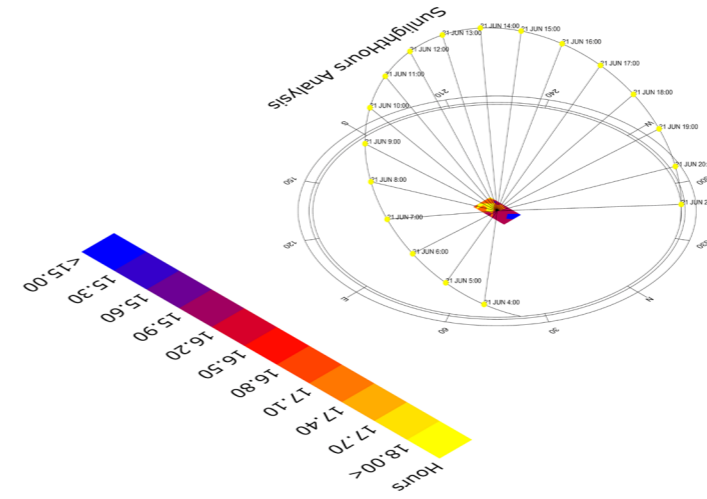
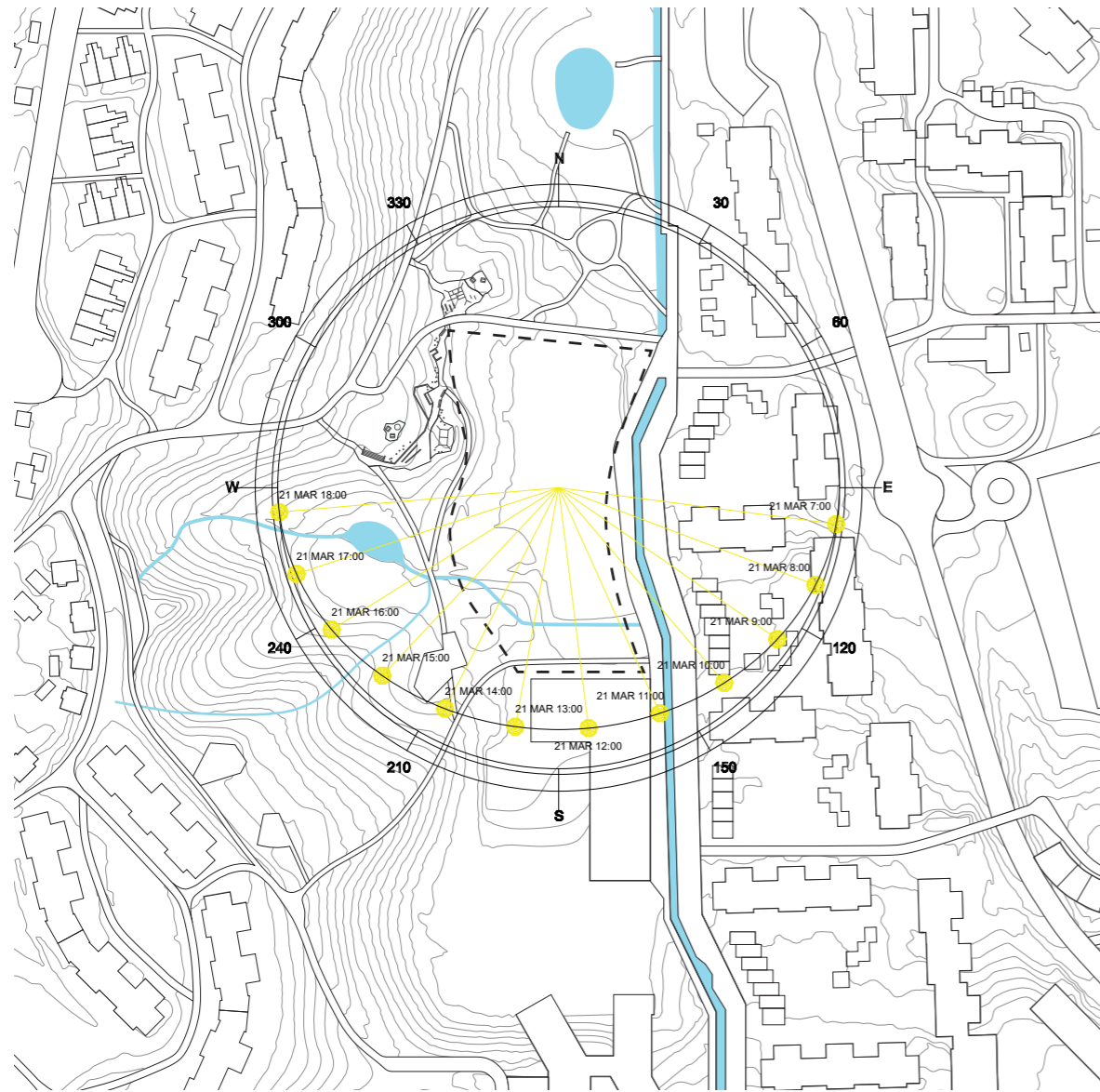
Regulations on site:

1. Can not build to cover the stream Kur-landsbekken that cross the site.
2. Entrance must be orientated from Furustien (north- south axis)
3. Maximum building height is 17,5m above terrain.
4. Minimum of 60 % of surfaces, including roof must be covered by vegetation.

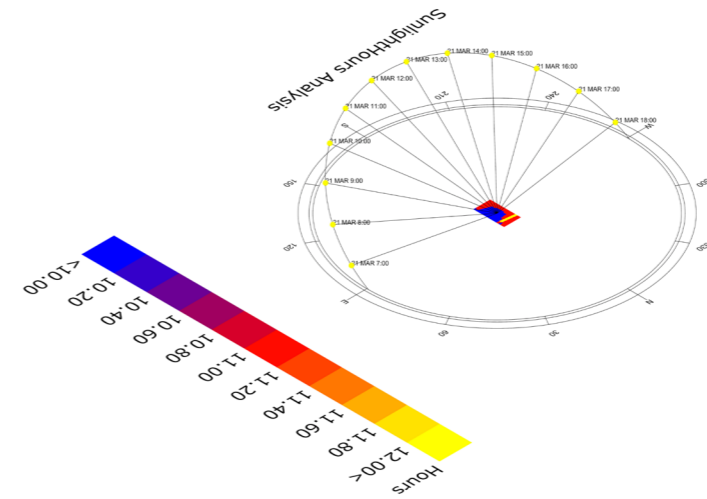


Qualitative notes on the site:

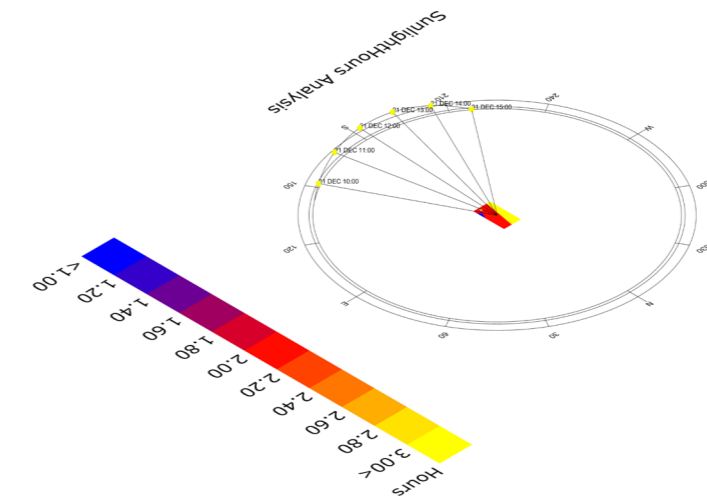
- | | |
|--|---|
| <ol style="list-style-type: none"> 1. A clear north-south axis 2. Transverse axis towards the new Gran school. 3. Local qualities in Verdensparken: <ul style="list-style-type: none"> ▪ parkour park ▪ focus on edible plants ▪ playground and water installation in the north end of the park. ▪ gathering spots with bomfires | <ol style="list-style-type: none"> 4. A close connection to a new elementary school 5. Park terrain slopes into a bowl 6. The park situation invite a visual and physical openness concerning the acitivity in the building. 7. The buidling negotiate a relationship between the park and the north-south axis |
|--|---|



Sun path diagram - June 21st

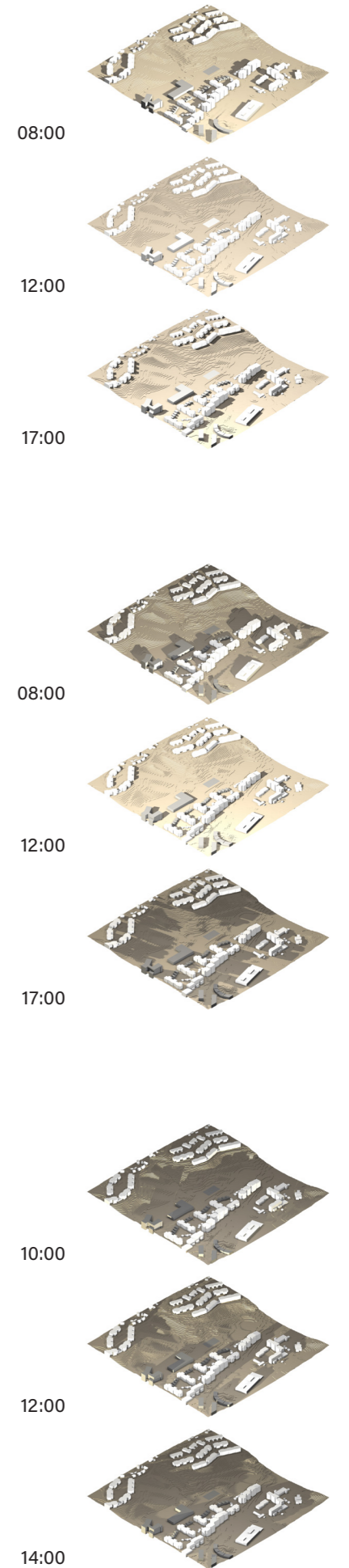


Sun path diagram - March 21st



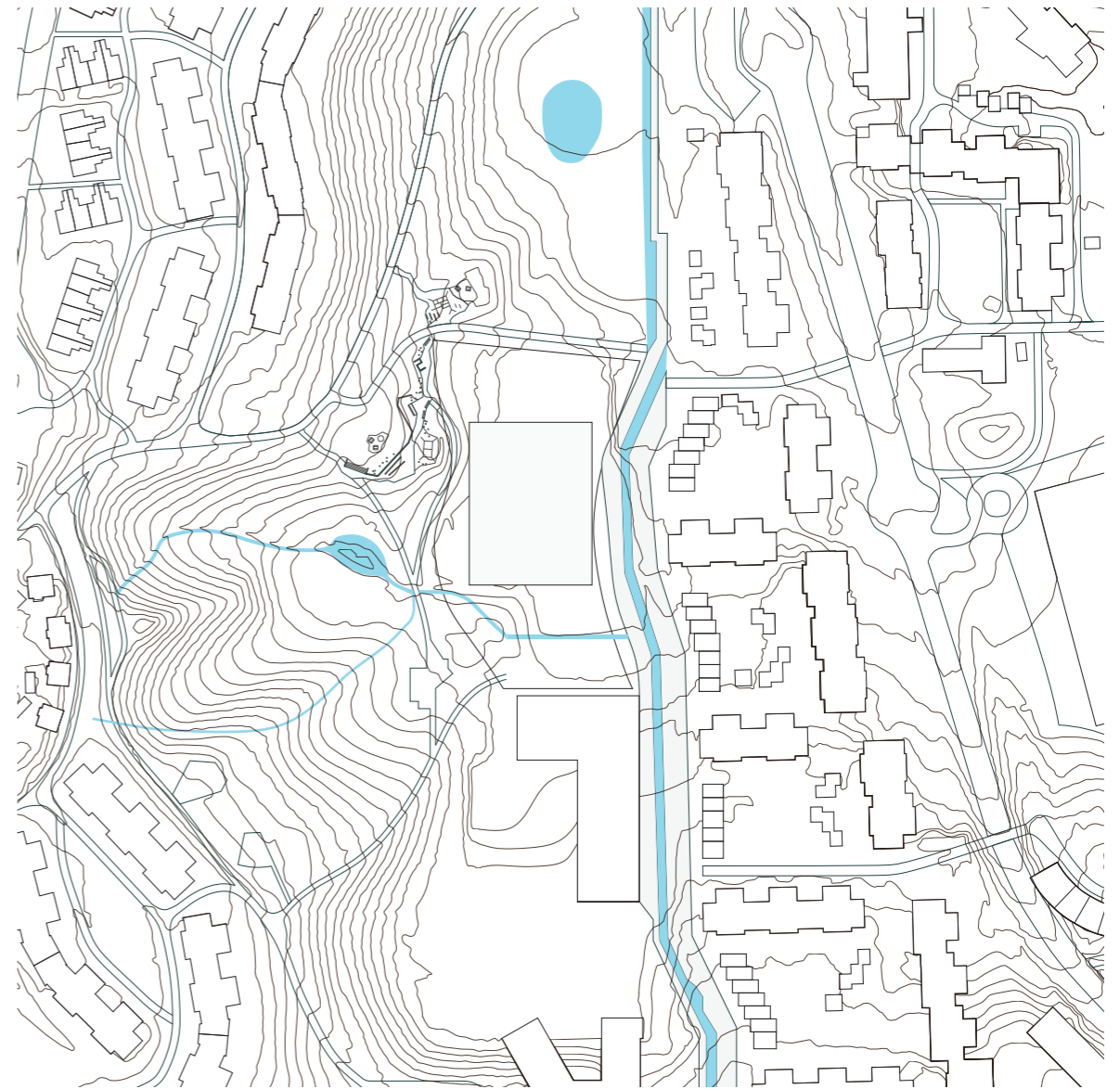
Sun path diagram - December 21st

Note: Sunlight hours include terrain and building obstructions on site

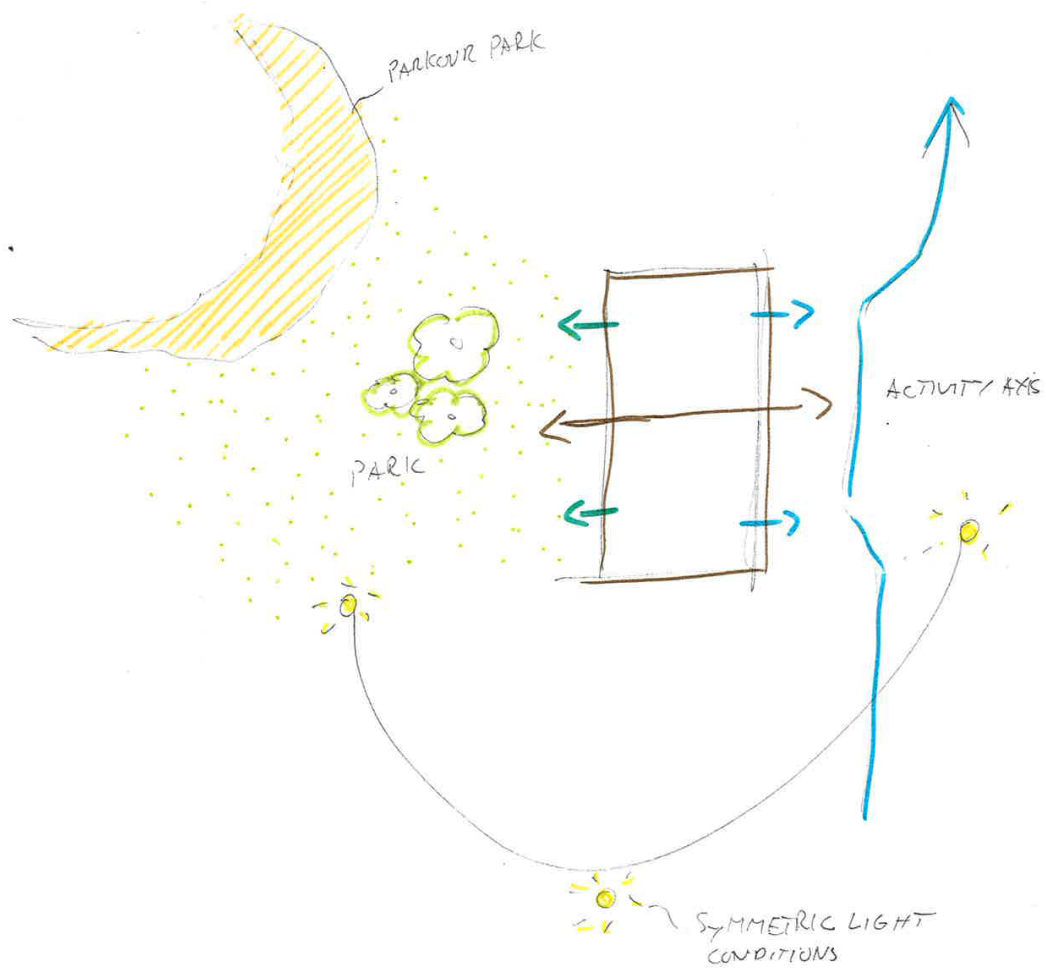




Strategy 1: narrow and long volume



Strategy 2: compressed and wide volume



A north- south orientation:

- Preserves the most park area
- Follow the direction of the activity axis
- A narrow building volume is beneficial for sidelighting
- Connects well with the park and the north- south axis