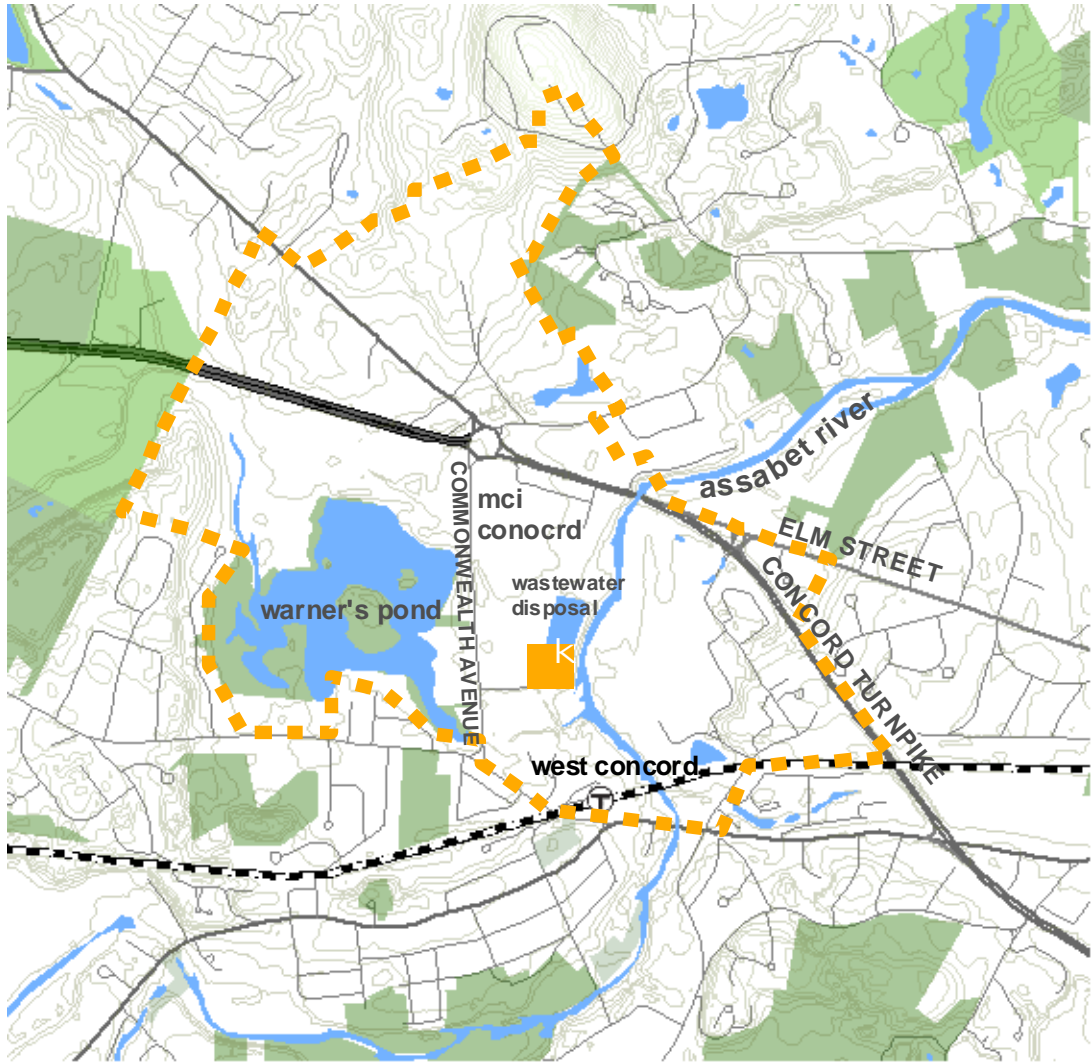
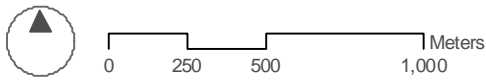


the 2ha site selected around the given point. this site is defined by?
concord turnpike to the north, commuter rail to the south,
assabet river to the east, and warner's pond to the east,
and accessible from commonwealth avenue.

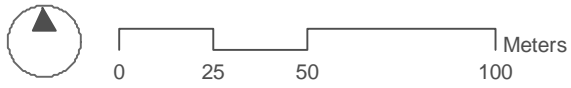


REVIEWED
By Paul Cote at 4:55 pm, Oct 03, 2007

- — — — — studio site
- 2ha project area

source
mass gis: road/usgs hydrology/open space/commuter rail/3m contours

project context
maki shindo
mla 1

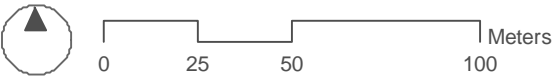


the site sits on the lower plain of the town. the terrain elevaton?
descends gradually to south east, toward assabet river,
and then drops at the edge of the river.

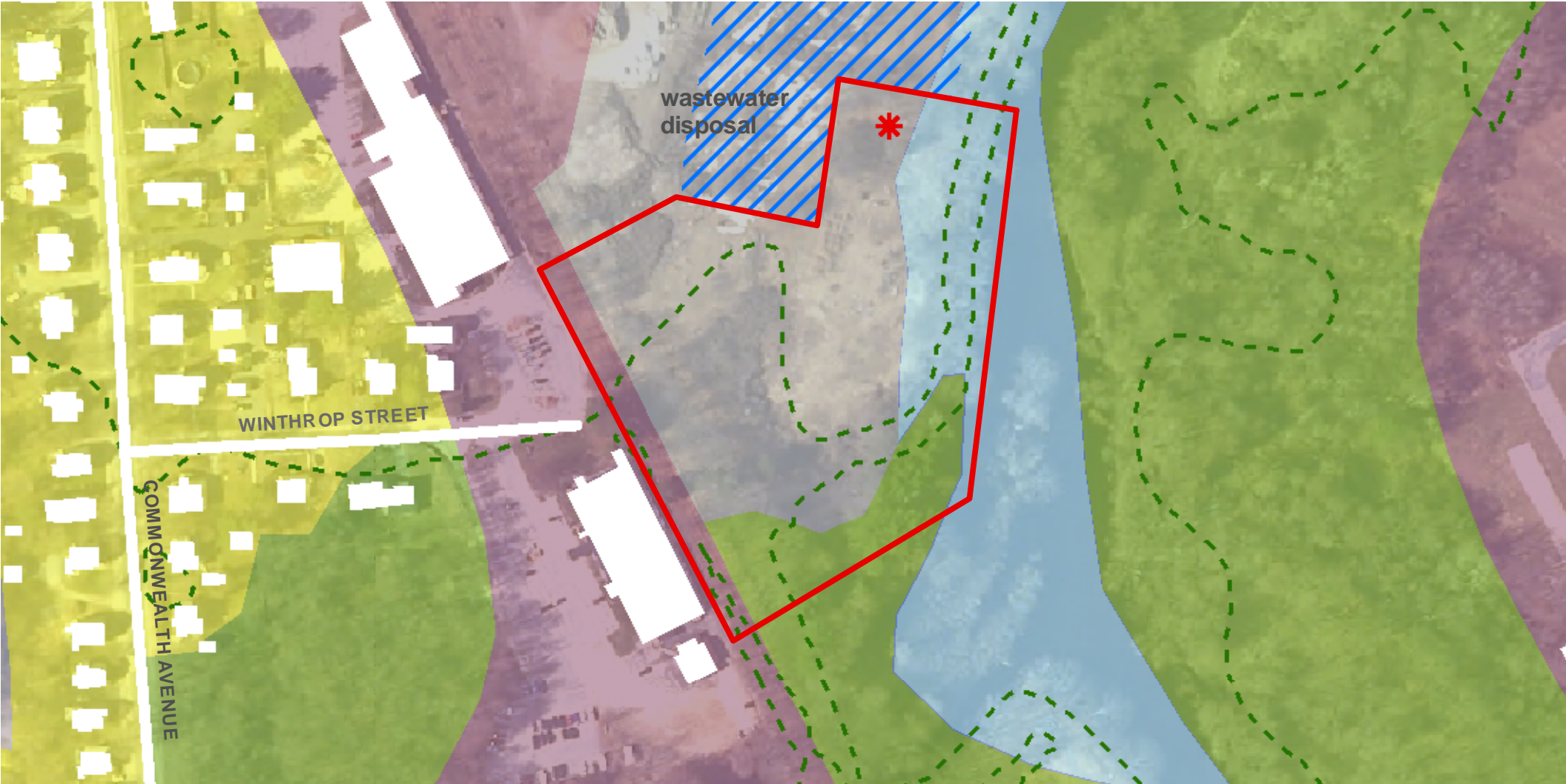


topography

maki shindo
mla 1



the higher side, away from the river, is saved for the residential use.
 the lower area is used for industrial buildings. a wastewater disposal is
 located at he edge of the river, and the rest of the area along the river is vegetated.
 across the river, to the east sits an industrial buiding with a huge parking lot.

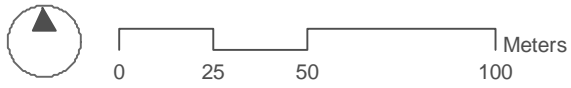


- forest
- residential
- waste disposal
- water
- industrial

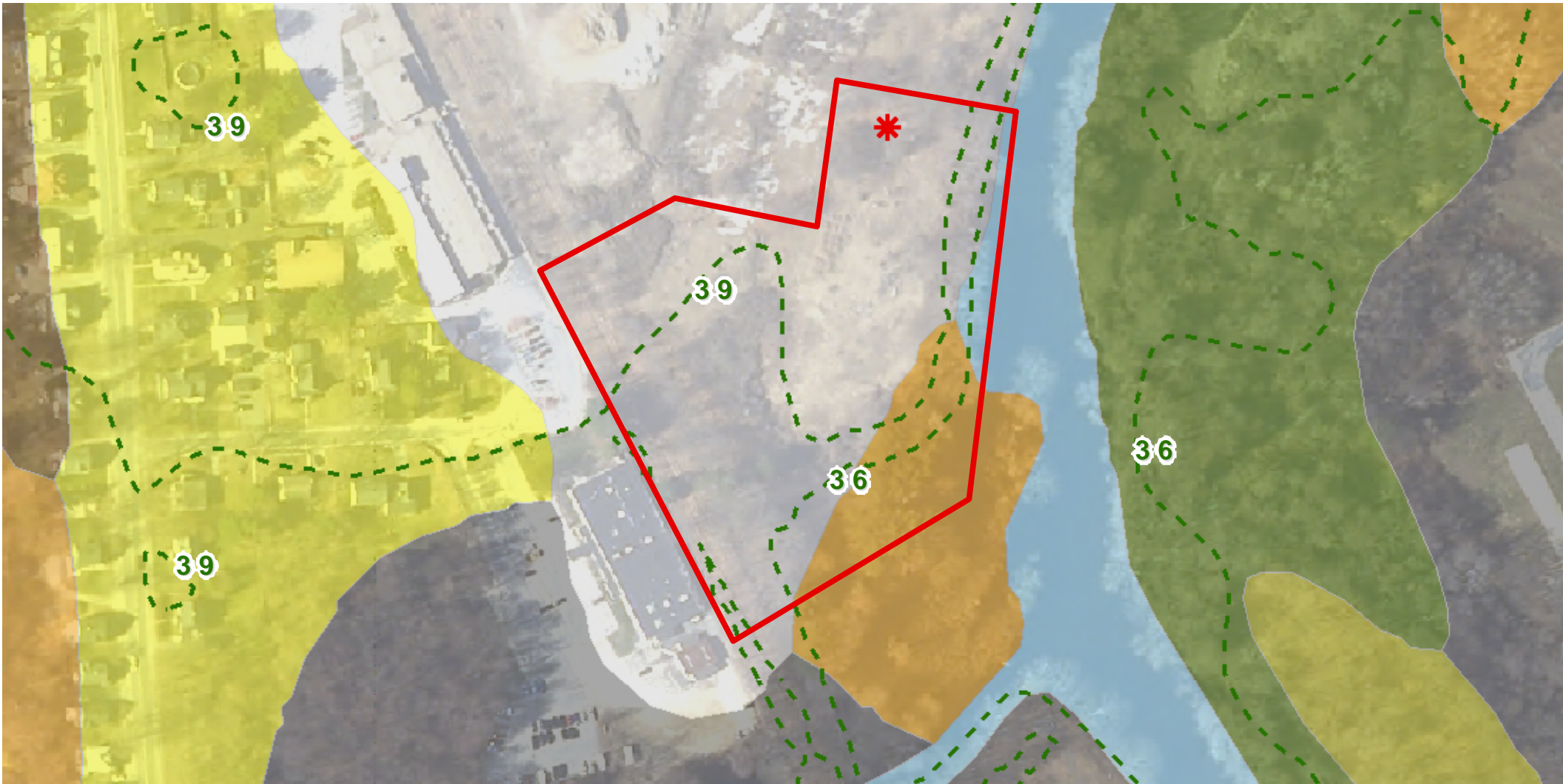
landuse









maki shindo
mla 1

source
mass gis: road/ concord gis: landuse 1999



the soil condition around the site is basically sandy, and silt from fine sandy loam of the river bank, to more coarse loamy sand of the higher area. the soils of the residential and industrial areas have been manipulated.

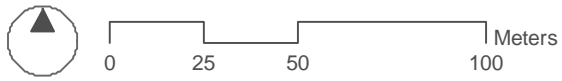


- | | |
|--|--|
|  carver loamy coarse sand |  sacco mucky very fine sandy loam |
|  deerfield loamy sand |  udorthents-urban complex |
|  merrimac-urban land complex |  urban land |
|  rippowam very fine sandy loam |  water |

source
mass gis: 3m contours, conocrd gis: soils 2005

soil

maki shindo
mla 1



apparently, accuracy of the usgs gap data should be improved. however, it offers the rough image of the site, where the lower area along the river is forested wetland (blue), and the higher area is residential site with some maple dominant forests left (red to green).



- | | | |
|------------------------------|-------------------------------------|-------------------------|
| Downtown | Maple dominant Suburban forest | scrub / shrub |
| Emergent Persistent | Mining, Quarries, Landfills or Sand | Suburban forest mixture |
| Forested Wetland - Conifer | Pasture, Grassland | Urban open land |
| Forested Wetland - Deciduous | Red Maple dominant | |

vegetation

maki shindo
mla 1

source
mass gis: road, usgs gap, concord gis: road/ building/ river