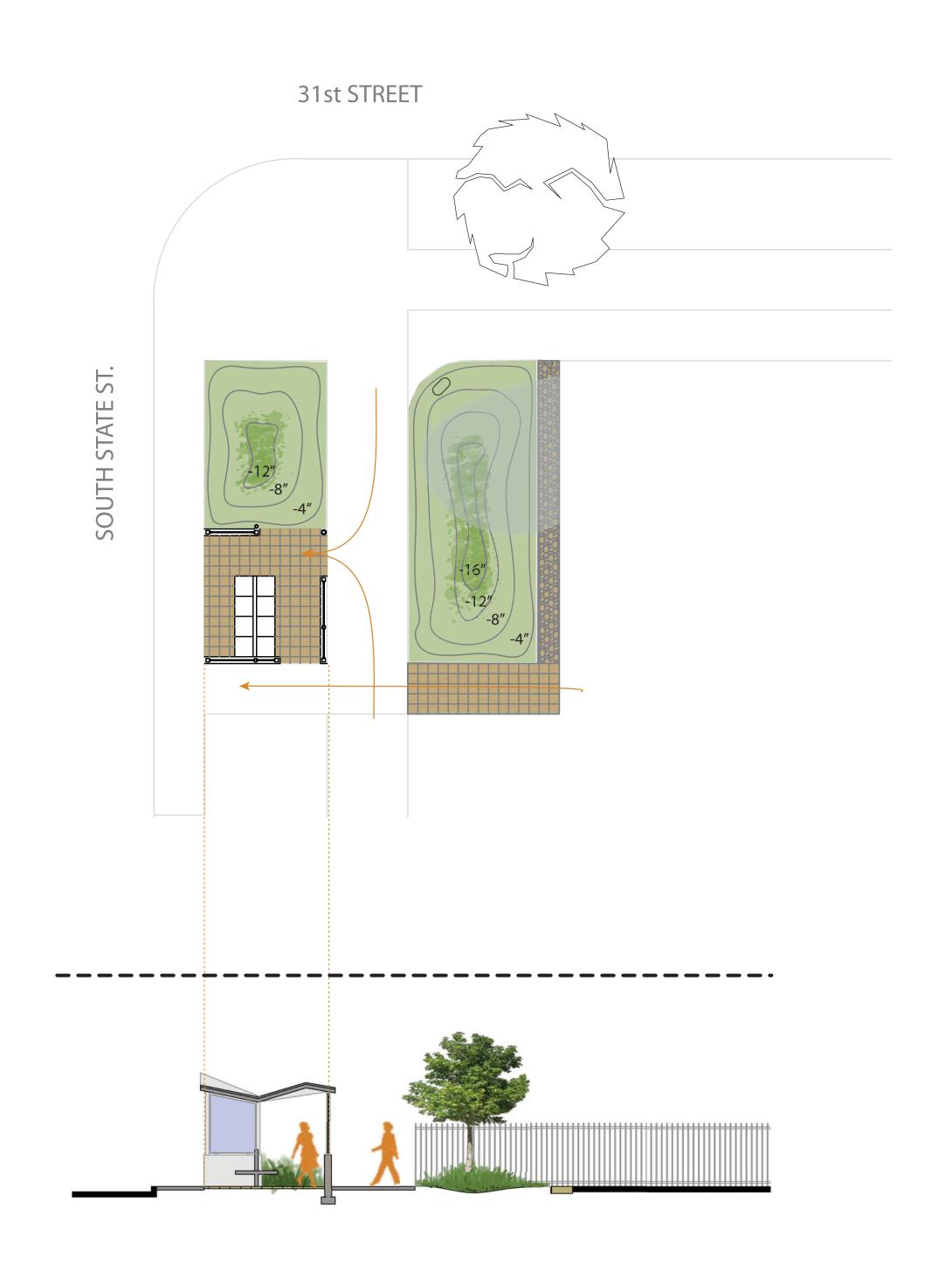
31ST and STATE ST PARKING LOT/BUS STOP



ILLINOIS INSTITUTE OF TECHNOLOGY **CAMPUS SITE PLAN**



The 31st Street parking lot is a large area, ideal for collecting water run-off. The BMPs will divert destructive chemicals from entering our sewage system and instead will process these chemicals through biological functions. The redesigned bus stop will serve as an educational tool to inform the public about BMP's and their purpose.

What is Porous Concrete? Porous Concrete, like porous asphalt, can bear frequent traffic and is universally accessible. It's quality depends on its installer's experience and knowledge.

Porous Concrete is a type of permable paver that allows water run off from the surface to be absorbed down into the ground, throug multible layers of agregate, easing the threat of flooding.

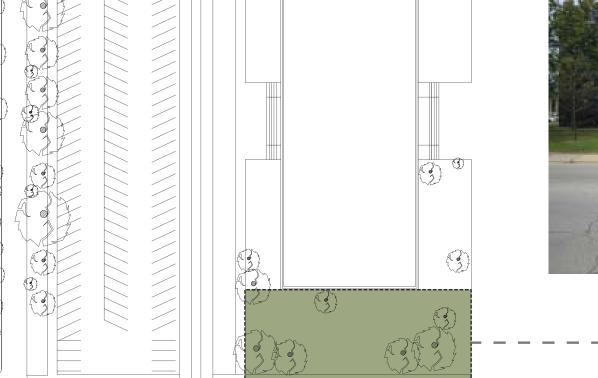
Natural Grasses are native to the Illinois Region, and they can contribute to bringing and developing forward the essential prairie ecology.

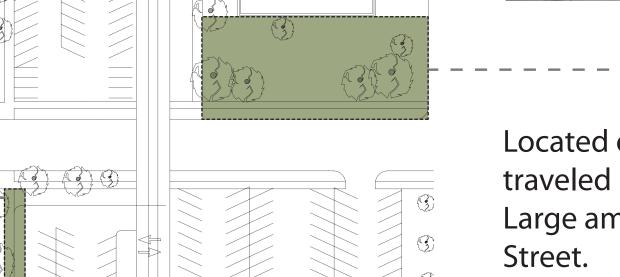
What is a Rain Garden?

A rain garden is a planted depression that is designed to absorb rainwater runoff from impervious urban areas like roofs, driveways, walkways, and compacted lawn areas.

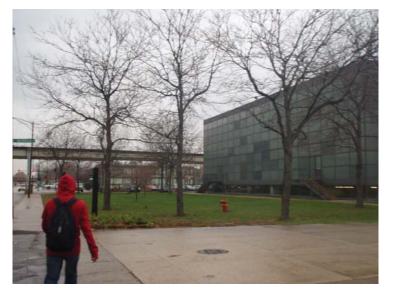
Where it is of importance that the grass does not require much maintenance.

Parking, Embankments, Amenity areas, Public spaces, Parks. This application utilizes phytoremediative plants that clean water runoff from CTA train tracks and the adjacet









Located on 31st and State Street, Keating Hall is highly traveled by IIT students and the local community. Large amounts of run-off water can be collected from 31st

Some benefits at this site



What is an Infiltration Planter?

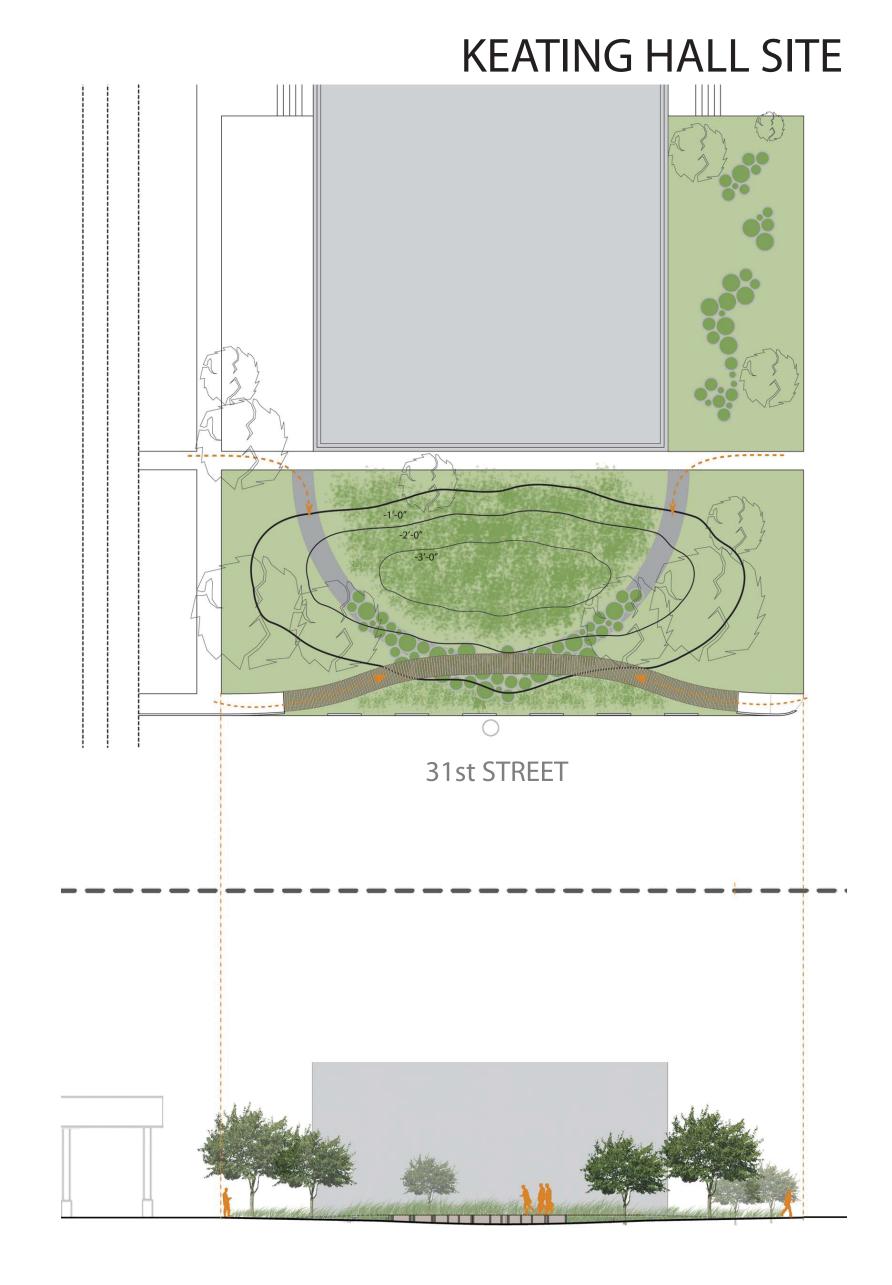
Infiltration planters are contained planters with a pervious bottom that allows stormwater to infiltrate through the soil media within the planter and pass into underlying soil matrix.



What is a Rain Garden?

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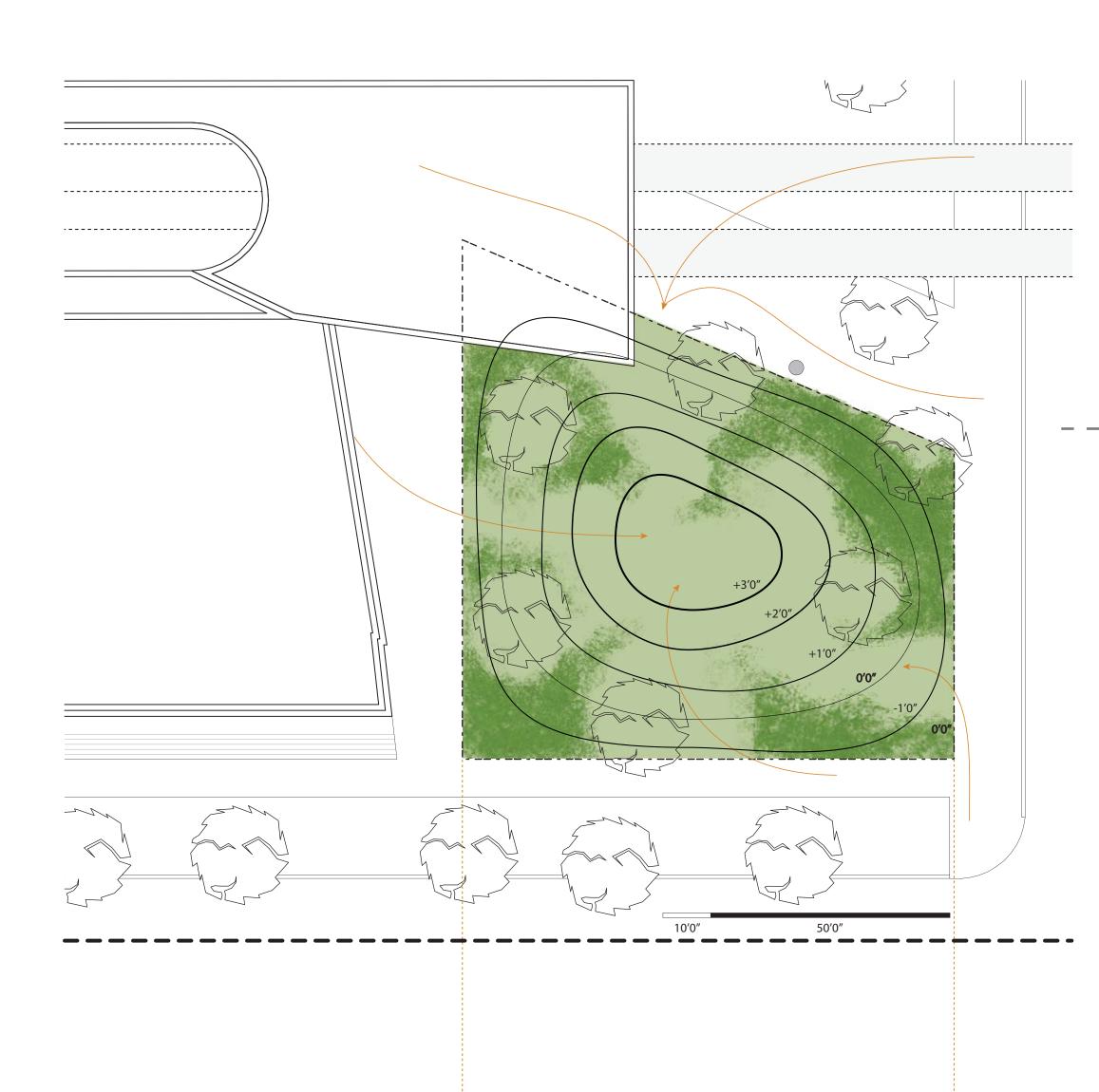


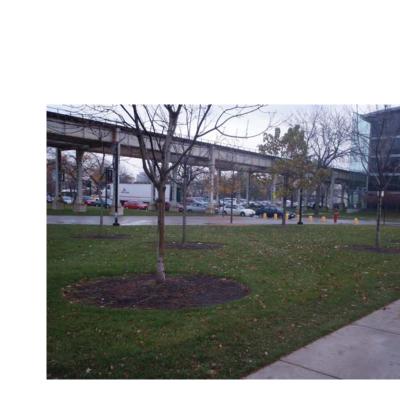
STATE STREET VILLAGE/PARKING LOT

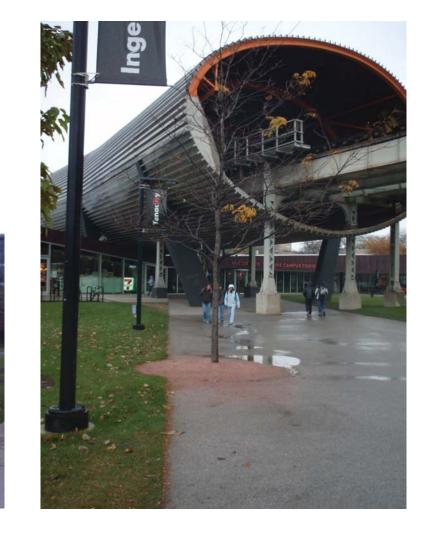
CIRCULATION - .

CURRENT FLOOD PATTERNS

McCORMICK TRIBUNE STUDENT CENTER SITE







The 33rd and State St. site is locally known for flooding even during light rain. An ecological park would alleviate the areas drainage concerns.



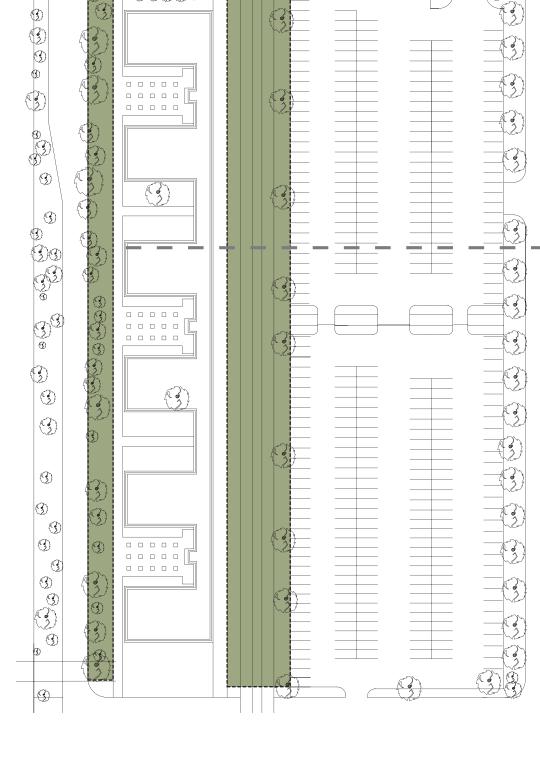
Natural Grasses are native to the Illinois Region, and they can contribute to bringing and developing forward the essential prairie ecology. Where to use?

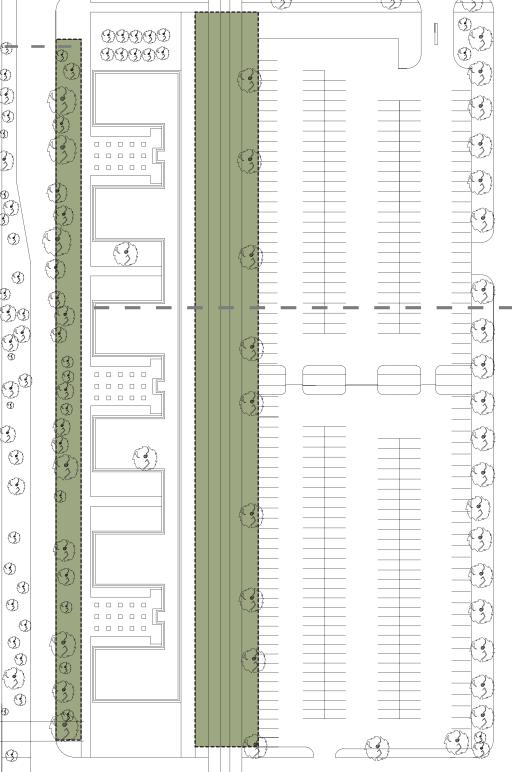
Where it is of importance that the grass does not require much maintenance.



Planted Grasses are not native to the Illinois Region, but they can contribute to a well-manicured look to a green sirface of an eco-boulevard.

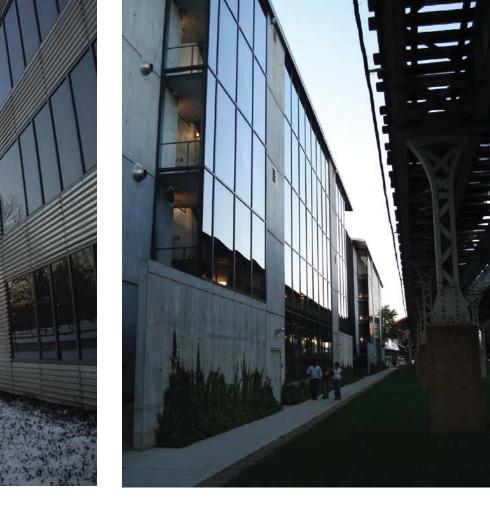
Mainly decorative use, unless excessive care (in addition to watering) is assumed. The planted grass does not hold water very well, therefore the sod requires high











Situated along the highly visible State Street, the State Street Village (SSV) compliments a modern and sustainable design. Architectural and eco-friendly feature are visible to both students and locals.

Parking, Embankments, Amenity areas, Public spaces



Grass Blocks are designed to overcome some of the difficulties associated with early pre-cast systems Where to use?



WhyNatural Grasses? Natural Grasses are native to the Illinois Region, and they can contribute to bringing and developing forward the essential prairie ecology. Where to use?

Where it is of importance that the grass does not require much maintenance.





