

NOLANVILLE PARK - NATURE PRESERVE

LAND 412 | SPRING 2019 | DR. CHANAM LEE
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NOLANVILLE CITY PARK MASTER PLAN



ACTIVE VS. PASSIVE RECREATION

- **Active Recreation** - "a structured individual or team activity that requires the use of special facilities, courses, fields, or equipment."
- **Passive Recreation** - "recreational activities that do not require prepared facilities like sports fields or pavilions. Passive recreational activities place minimal stress on a site's resources; as a result, they can provide ecosystem service benefits and are highly compatible with natural resource protection."

BENEFITS OF PASSIVE RECREATION:

- Natural resource protection
- Restored ecosystem services
- Restored animal and plant habitat
- Local economic development
- Tourism opportunities
- Community gathering spaces
- Improved community health



MISSION STATEMENT

To enhance the Nolanville Park to incorporate **passive recreational facilities** that compliment the active ones in Phase One. Our mission is to promote **social interactions, healthy living, environmental preservation, and environmental education** while meeting the wants and needs of the residents of Nolanville.

GOALS & OBJECTIVES

HUMAN ORIENTED



SOCIAL INTERACTIONS

- Picnicking
- Walking
- Gardening
- Dog walking



HEALTHY LIVING

- Walking/running
- Bicycling
- Gardening
- Dog walking

NATURE ORIENTED



ENVIRONMENTAL PRESERVATION

- Observing nature
- Bird Watching
- Gardening



ENVIRONMENTAL EDUCATION

- Observing nature
- Bird Watching
- Gardening

USER GROUPS ANALYSIS



What materials would be used in the dog park?
Would drainage be an issue?

Use of chain-link fencing & double gated entrance for the dog park. Also maintain existing land features that would mitigate flooding and pull excess water to drainage.



What amenities are provided for visitors?
Will wayfinding be an issue?



We provide a dog park, picnic space, open trails, and community gardens for all visitors. Site maps will be located at the entrance of the trails and will include signage that will explain the purpose of spaces.



How do you include people with disabilities?
What is your target demographic?

All trails and amenities will be ADA accessible. The nature trail will include emergency call poles for emergency situations. The park is open for all, however this space will focus more on passive activities.



CASE STUDY: LEVY PARK - HOUSTON, TX



- Award winning park
- Community oriented park with passive and active recreation
- Passive elements include: open lawn space, community garden, dog park, walking trails
- Targeted users are children, parents, and young adults
- Variety of community events held in the park



SITE INVENTORY



Looking toward the Boys & Girls Club



Cleared space for future park development

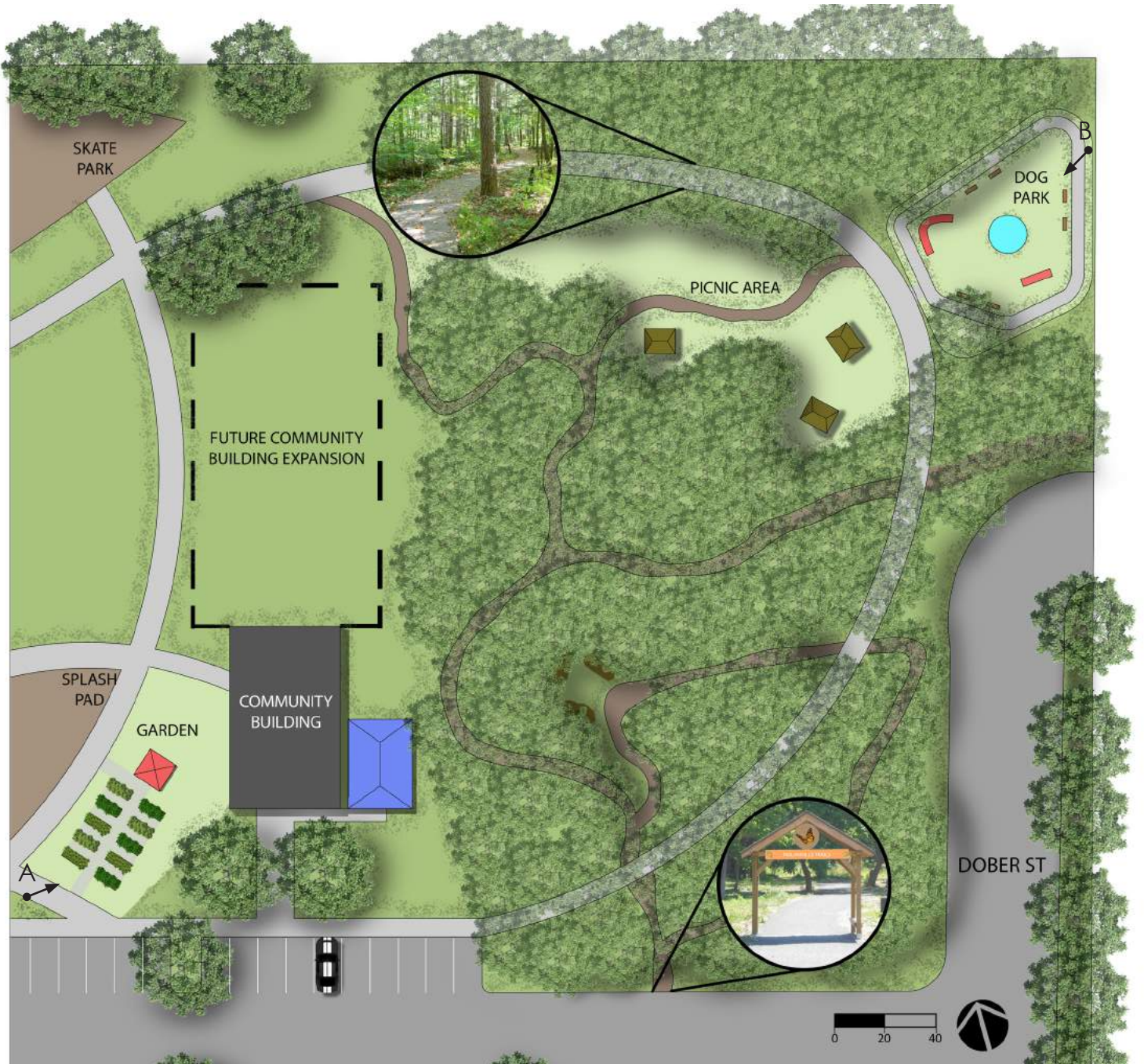


Nature preserve park space



Park space behind the Boys & Girls Club

NOLAN TRAILS



ABOUT THE DESIGN

The overall Nolanville master park plan is a 10 acre site designed for active recreation. Nolan Trails is an inviting nature preserve site within the master park plan. It preserves the natural livelihood in the area and invites users to take part of activities in it as well. It offers amenities such as a dog park, picnic area, trails, resting and gathering site, group activities, and a community garden. Overall the amenities will help the nature preserve part of the park seem alive by bringing people and activity to the area. Nolan trails will introduce passive recreational activities to the park.

INSPIRATION PHOTOS



TRAILS



GARDEN



DOG PARK



COMMUNITY GARDEN PERSPECTIVE A

The garden will give the citizens of Nollanville a chance to get involved with their community and promote socialization between them as well. Also, it provides education to the community on how to grow crops and promote to everyone a healthier diet lifestyle. It provides ADA accessibility.

DOG PARK PERSPECTIVE B

The dog park consist of 5500 ft² of area. It is ADA accessible thanks to the sidewalk around the perimeter of the park. It provides dog play ground accessories, open lawn, and small body of water. Seating is made available for the dog owners. Lighting is aslso available to allow night use of the dog park.



SECTION OF DOG PARK



NOLAN GARDEN & TRAILS



ABOUT THE DESIGN

Nolanville Park is currently in the works of being constructed, with the west side of the park already completed. The east side of the park is meant to have more passive recreational activities, which is a good contrast to the active elements that have already been built on the site. This design utilizes the existing trees to create nature trails and strategically places the elements so that the natural vegetation can be preserved. In the northeast side of the park, is a dog park that is completely enclosed with a fence. The area is divided into a small and large dog park for the safety of the animals. Behind the existing Boys & Girls Club building is a community garden with raised planters. There is a small pavilion in the center of the garden to provide shade and a small outdoor learning space with boulders for children to sit and learn about gardening.

INSPIRATION PHOTOS



GARDEN
TRELLIS
ENTRANCE



STONE CUT
BENCHES



DOG PARK
OBSTACLE
TOYS



NATURE INFO
SIGNS

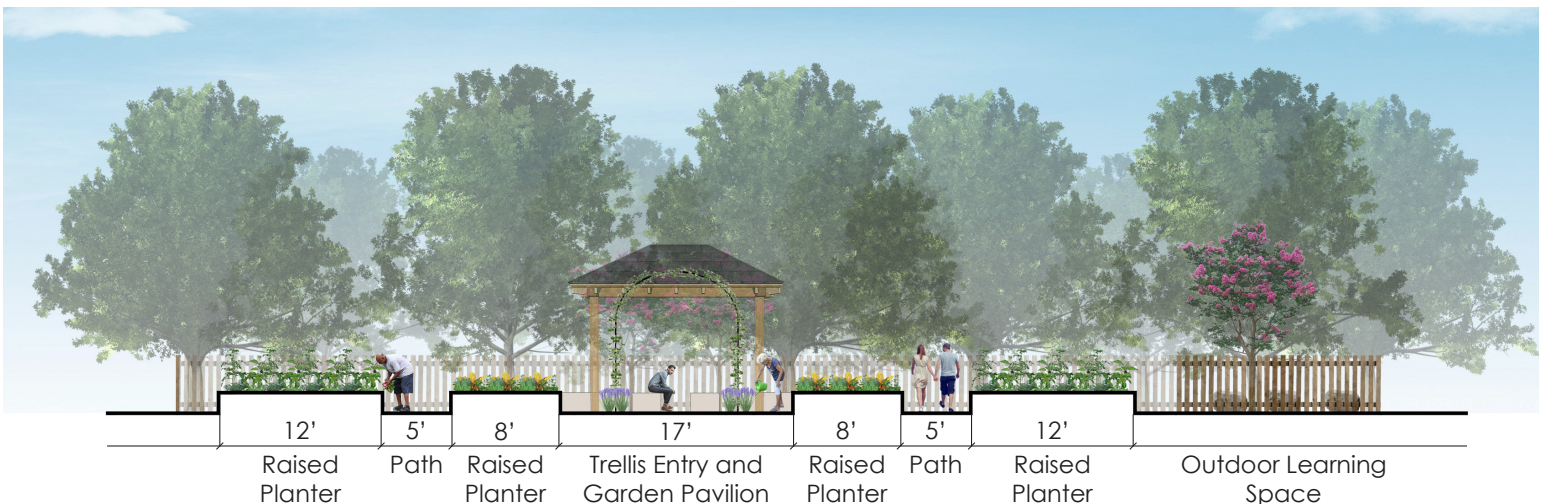


VIEW OF RAISED PLANTERS AND BENCHES IN GARDEN (B)

The community garden can be a place for residents to gather and relax. Community members could have the opportunity to rent plots to grow their own vegetables, which also could be a fundraiser for the city. The garden can be a place for children to learn about plants and growing their own food, especially since it is very close to the Boys & Girls Club. The garden has a shade structure in the center for people to get out of the sun, or for those who want to come and enjoy sitting within the garden.

VIEW OF PICNIC AND GAME AREA (C)

The picnic area can be used for community events or for families to come to enjoy the nature. BBQ pits, picnic tables, and horseshoe games make it a fun and relaxing space. The existing trees create natural shade and being close to nature will enhance the calm, passive environment. The trails can be used by the community for strolling, exercise, or dog walking. The trails connect to the existing trails on the site, as well as to the community for easy access.



SECTION OF THE COMMUNITY GARDEN (A)

The section of the community garden shows the raised garden plots and the space between them. For a more appealing entrance to the garden, there is a trellis covered in vines that people can walk under to enter and leads them to the shade structure. This also shows the outdoor learning space for children to sit on boulders and learn about growing plants.

NOLANVILLE MEADOW TRAILS



ABOUT THE DESIGN

Nolanville Park is a large, 10 acre park that is designed with mainly active elements. Several sports fields, a skate park, a playground, a splash pad and more are all specific elements of the park. The site of this specific design is to the left of the Boys and Girls Club and is meant to have more passive elements. These elements include multiple multi-use trails that go in and out of the trees in the area. This trail is wide enough for people passing whether they are walking, jogging or bicycling. These trails are all over the site in order to get visitors around easily to the cornhole boards, the dog park, and the residential neighborhood to the right of the site. There are smaller walkways that intersect the larger trails that lead to other areas of the design like the community garden, the grass berms, and the two picnic areas on the site. Benches are placed around the site along the trails, as well as trash cans and recycling bins.

INSPIRATION PHOTOS



GRASS BERMS



BENCH PLANTER



DOG PARK

COMMUNITY GARDEN PERSPECTIVE (B)



This perspective shows a view from the community garden that is located to the right of the Boys and Girls Club. In this perspective you can also see the grass berms that are behind the garden and the trails that flow in and out. One of the picnic areas is seen in the background of the photo.

CORNHOLE AND TRAILS PERSPECTIVE (C)

This perspective shows a view from the green space in front of the parking lot. It shows the cornhole boards and the benches that are located along the trails of the site. Portions of both picnic areas can be seen from this view as well as the dog park fence that is in the far background.



SECTION OF GRASS BERMS

This section is off the Boys and Girls Club and the surrounding berms on the design. It shows how the public might interact with the berms as well as the height of the berms. The berms are short enough for users of all age and height to enjoy.



BUTTERFLY TRAILS



ABOUT THE DESIGN

All elements of this project are designed to encourage community activity as well as nature appreciation. The community garden and orchard are located by boys and girls club. This will help the younger audience understand the value of healthy eating and understand sources of food. The proposed trails and art located in the existing nature preserve area, are to remain as natural as possible, maintaining the current atmosphere. Bird homes can be built in the clearing to promote local ecology. The proposed trail leads toward open lawn space. The open lawn can be used for multiple passive activities such as picnics, kite flying, gathering space, etc. The berms are located along the edges of the open lawn to provide a sense of closure for the space. The dog park operates with a double entrance. This provides a safer alternative when dog owners let dogs loose in the park space.

INSPIRATION PHOTOS



GRASS BERMS



DOG PARK



BIRD HOMES



ORCHARD

BOYS AND GIRLS COMMUNITY GARDEN (B)

The proposed garden is located near the existing boys and girls club. This will bring youth awareness to the importance of health eating. The garden is open to all members in the community. The use of white picket fencing, provides an enclosed space, while not imposing on the natural atmosphere. All paths in the garden are ADA accessible.



HIDDEN ART AND TRAIL (C)

The primary entrance into the nature preserve space consists of a circular brick pattern, which allows visitors to gather before entering the trails. The natural curves of the trails provide an opportunity of mystery, as a visitor walks through a curve, a previously hidden art sculpture is revealed. The elements used in the trails are to remain as natural as possible.



SECTION OF GRASS BERMS TO DOG PARK

This section shows the use of the berms to the dog park. The 5' berms provide a vertical play element for the visitors, as well as presents a view point to enjoy the park. The berm is located in the open lawn area which is enclosed by a 10' wide concrete walking path. The dog park entrance is located on the other side.

