

the community patterns section provides specific requirements for placing buildings on their lots within the plan. These guidelines were developed as part of the master planning process and are meant to ensure that the diversity and character of Prairie Trail is supported in the implementation of the plan.

This user-friendly section begins with descriptions of the addresses within the plan that give Prairie Trail its unique character. The plan is composed of a continuous sequence of public spaces diverse in their character and quality. Each public space, or Address, is illustrated with a detailed plan, street section and perspective. The design of the streets, the placement of the buildings and the landscape are arranged in different ways to create distinct addresses that enrich the neighborhood.

The neighborhoods of Prairie Trail have a variety of Lot Types which accommodate a range of house sizes. The lot types are located in the Lot Type Plan. The rules for each lot type are described on the following pages and include the placement of buildings, location of setbacks, facade zones and yards, access, parking, and screening.

## Overview



Address locations for the Prairie Trail Community
Addresses Within the Plan

## Addresses

the prairie trail plan will include several special addresses that give unique character to each part of the plan and provide a diverse set of experiences as one travels through the neighborhood. Each address will be defined by its particular arrangement of house types, the way the houses address the street, and the particular streetscape of that zone. They will also vary depending on their location around special features such as parks or the Town Square. Community centers will also be established to serve as focal points for the neighborhoods and gathering places for Prairie Trail residents. The addresses described in this section are:

A Neighborhood Streets
B Parkways
C Residential Court
D Crescent Park
E Town Square

Shopping Street
Community Park
High Density Residential

## Business Park

Commercial Out Parcel



The neighborhood streets in Prairie Trail build on the great traditions of Iowa neighborhoods. The streets are pedestrian-friendly with generous ree lawns and continuous sidewalks. The streets are designed to discourage speeding and accommodate on-street parking. Parking in each lot will be rear-loaded from alleys for smaller lots and front-
loaded from the street in larger lots. Garages will be behind the houses. Front yard depths vary based on local conditions. Each street will be unique in character with a rich inventory of houses that build on the architectural traditions of the greatest neighborhoods in the Des Moines area.



Detail plan of parkway address

Prairie Trail is designed with a series of natural open space corridors that provide a range of open spaces including water courses, restored rairie, passive and more active recreation areas and trails. These corridors are signature addresses and great amenities for the adjoining neighborhoods. Winding streets follow the edges of these corridors and
are fronted by houses with great views of the open space. The street are typically collector streets and are wider to accommodate higher traffic volumes. Houses are set back from the street with deeper front yards The landscape transitions from native plant species in the open space corridors to manicured front lawns.


Typical Parkway section


## Parkway



Detail plan of residential court

The residential courts are the most intimate addresses in Prairie Trail and follow a rich tradition of courtyard housing in America. Small houses are grouped around a shared front lawn, creating a quiet semi-private garden set ting. The houses are designed with porches which face a circumambulating
walk that connects to the street. The courts feature an attractive center lawn with flowering trees and garden beds. Parking for each lot is accessible from alleys behind the houses. Each court is distinguished by the houses which share a common architectural vocabulary.


A view of a typical residential court


Section through a residential con



Detail plan of Crescent Park


A view of Crescent Park pavilion and Address


## Crescent Park

and curving trails that converge on central pavilion. The pavilion is the visual terminus of an intersecting neighborhood street. A curving line of houses with distinctive architectural character will enclose Crescent Park.



At the heart of Prairie Trail's town cen ter is a traditional Iowa Town Square, imilar in dimension and proportion to Winterset, Adel and other well-known towns in the region. Several streets converge on the square from surrounding residential neighborhoods. Diagonal parking and generous sidewalks suround the square. The square is designed to accommodate a variety of community activities for Ankeny,
including community concerts, open air markets and ice skating. Major civic buildings lined with shops are located on one side of the square. Major retail anchors are located on the remaining three sides behind small shops and restaurants. The architecture of the town square is based on Iowa precedents with second and third floor offices and loft residential units.


[^0]Town Square


The retail streets leading into the Town Square are important pedestrian and vehicular connections between residential neighborhoods, parking areas and the Town Center. Designed with wide sidewalks and on-street parking, these treets will be lined with shops and restaurants. The streets also provide entries to major retail anchors. Some of
the streets are wide enough for diagonal parking on one side and parallel parking on the other. Entry points to major mid-block parking areas are located on these streets for both pedestrians and vehicles. Parking and service areas will be screened from the streets with buildings, walls, and landscaping.


Typical street section tbrough a sbopping street

## Shopping Street




Detail plan of Community Park adjacent to Prairie Trail Town Center

$A$ perspective across the Community Park

The Community Park is located along the southeast edge of the Town Center along State Street. A major public amenity, the park is part of a continuou open space corridor. Approaching the Town Center from the south, the park is the foreground public space and a major address. The park features a pavilion and amphitheater on a lake avilion and amphitheater on a lake
ing outdoor dining terraces on the Town Center side. The activities of the lake are connected by a trail. The park is designed for major public events and daily dining, boating and passive uses. The park is within easy walking distance of both the Town Square and residential areas. On-street parking along the southern edge of the park will also be provided for visitors.

## Community Park




## Prairie Trail Lot Types

Lot Types
Prairie trail offers a variety of lot types and locations throughout the different neighborhoods. These types include Townhouse, Attached, Garden, Hamlet, Village, Estate, Manor, and Front-Loaded lots. The average size of these lots and guidelines for placing houses on the lots are described in the pages which follow. The lots are designed to accommodate a range of house sizes and types within the community. Most of these lots have rear lane accessed parking-either a garage, carport, or paved parking pad may be constructed. Some lot types may be accessed directly from the street. Attached house lots offer the opportunity to have multiple units designed in the form of large houses.




Garden Lots


Hamlet Lots


Village Lots

## Setback Requirements

Each lot has a series of setback line that define a minimum yard between houses, streets, and rear lanes. There are also zones within which the house shall be placed. The Front Facade shall be placed within the Front Facade Zone (described in the general conditions which follow for each lot type in the Community Patterns section). This zone is set back from the front property line at a distance defined by the Front Yard Setback Line. The depth of the zone is measured from that line. The Front Yard is the area between the Front Yard Setback Line and the front property line. Porches may extend up to 8 feet into the Front Facade Zone. Bay windows may also extend up to 2 feet into the Front Facade Zone
On corner lots, a Side Street Facade
Zone is established adjacent to the cross
street. It is set back from the side street a certain dimension established in the Community Patterns for each neighbor hood and is defined by the Side Street Setback Line. The depth of the zone is measured from that line. The main body side wings, garages, and fences are placed within this zone. All facades within this zone must follow the compositional guidelines established by the architectural patterns. Houses on these lots shall have a continuous building, fence, or wall within the Side Street

## Eade Zone.

Side Yard Setback Lines define the minimum distance between the structure and the side yard property line. A Rear Yard Setback Line is established as a minimum setback for garages and side wings.

## Lot Types-Setback Requirements



Plan of Townhouse Zones and Setbacks

Townhouse Lot Specifications


Character sketch of Townhouse Address

## Townhouse Lots



## ot Size

Townhouse lots are typically between 22 to 30 feet wide by 90 to 100 feet deep.

## Main Body

The main body of the Townhouse may match the width of the lot. (See lot matrix for specific lot requirements.) A maximum of 6 units may be attached.

## Front Yard Setback/

## Front Facade Zone

There is no minimum front setback
The front facade of the house may be located anywhere within the 10 -foot deep Front Facade Zone. (See lot matrix for specific lot requirements.)

## Side Yard Setback

In cases where buildings are not attached, there is a minimum 5 -foot set back from the side street property line to the house.

## Side Street Setback/

## Side Street Facade Zon

Minimum 5-foot setback from the side street property line to the house. The side facade of a corner unit may be located anywhere within the 5 -foot-deep Side Street Facade Zone

## Alley Setback

Minimum 7-foot setback from the rear property line.


## Side Wings

Side wings are not permitted on Townhouse lots.

## Porch Encroachments

Porches may extend up to 8 feet into the Front Facade Zone. Bay windows may also extend up to 2 feet into the Front Facade Zone. (Refer to setback requirements on page $\mathrm{B}-11$ for all permitted encroachments.)

## Garage Requirements

Garages are set back either a minimum of 7 feet from the rear lane right-of-way
or 18 feet plus to create an outdoor parking pad. Garages may be either detached or attached. Garage doors opening onto public streets are not permitted.

## Eencing Recommendations

Fences provide delineation between public and private space and are strongly recommended on corner lots. For more specific fencing guidelines, see page F-5 in the Landscape Patterns section.



Plan of Attached House Zones and Setbacks


Plan of house placement on the Attacbed House Lots

Attached House Lot Specifications


## Attached House Lots

## ot Size

Attached lots are typically 50 to 80 feet wide by 100 to 120 feet deep for duplex units and 75 to 90 feet wide by 100 to 120 feet deep for triplexes.

## Main Body

The main body of the attached house shall be a maximum width of 44 feet wide for duplexes and 62 feet wide for triplexes.

## Front Yard Setback/

Front Yard Setback/
Front Facade Zone
Typically houses have a minimum 10foot setback from the front property line to the house. The front facade of the house may be located anywhere within the 15 -foot-deep Front Facade Zone. See lot matrix for specific lot requirements.)

## Side Yard Setback

Minimum 10-foot separation between buildings.

## Side Street Setback/

## Side Street Facade Zone

Minimum 5-foot setback from the side street property line to the house. The side street facade may be located any where within the adjacent 10 -foot-deep Side Street Facade Zone.

## Alley Setback

Minimum 7-foot setback from the rear property line.

## Side Wing

Side wings are not permitted on Attached House lots.

## Porch Encroachments

Porches may extend up to 8 feet into the front yard. Bay windows may also extend up to 2 feet into the front yard. (Refer to overview of setback requirements on page B-11 for all permitted encroachments.)
Garage Requirements
Garages shall be set back either a minimum of 7 feet from the rear lane right
ff-way or 18 feet plus to create an outdoor parking pad. Garages may be either detached or attached. Garage doors opening onto public streets are not permitted.

## Fencing Recommendations

Fences provide delineation between public and private space and are strongly recommended on corner lots and between houses. For more specific fencing guidelines, see page F-5 in the Landscape Patterns Section.



Plan of Garden Lot Zones and Setbacks
Garden Lot Specifications


Illustration of Garden Lots along a court

## Garden Lots



## ot Size

Lots are typically 40 to 49 feet wide by 100 to 120 feet deep.

## Main Body

The main body of the house shall be between 24 and 32 feet wide within th Front Facade Zone.

## Front Yard Setback

## Front Facade Zone

Typically houses have a minimum 10foot setback from the front property line the house. The front facade of the house may be located anywhere within he adjacent 10-foot-deep Front Facade Zone. (See lot matrix for specific lot requirements.)

## Side Yard Setback

Side Yard Setbacks should total a mini mum of 10 feet between buildings.

## Side Street Setback/

## Side Street Facade Zone

Minimum 5-foot setback from the side street property line to the house. The side street facade may be located anywhere within the adjacent 10 -foot-deep Side Street Facade Zone

## Alley Setback

Minimum 7-foot setback from the rear property line.

## Side Wings

1- to $1 \frac{1}{2}$-story side wings are encouraged. These side wings shall be set back from the front facade of the main body by a distance equal to, or greater than, the width of the side wing.

## Porch Encroachments

Porches may extend up to 8 feet into the front yard. Bay windows may extend up to 2 feet into the front yard. (Refer to setback requirements on page B -11 for all permitted encroachments.)

## Garage Requirements

Garages shall be set back either a minimum of 7 feet from the rear lane right-of-way or 18 feet plus to create an outdoor parking pad. Garages may be either detached or attached. Garage
doors opening onto public streets are not permitted.

## Fencing Recommendations

## Fences provide delineation between

 public and private space and are strongly recommended on corner lots andbetween houses. For more specific fencing guidelines, see page F-5 in the Landscape Patterns section.



Plan of Hamlet Lot Zones and Setbacks


Hamlet Lot Specifications


## Lot Size

Lots are typically 50 to 59 feet wide by 100 to 120 feet deep.

## Main Body

The main body of the house shall be
between 28 and 36 feet wide within the
Front Facade Zone.

## Front Yard Setback/

Front Facade Zone
Typically houses have a minimum 10foot setback from the front property line to the house. The front facade of the house may be located anywhere within the adjacent 15 -foot-deep Front Facade Zone. (See lot matrix for specific lot requirements.)

## Hamlet Lots

## Side Yard Setback

Side Yard Setbacks should total a minimum of 10 feet between buildings.

## Side Street Setback/

Side Street Facade Zone
Minimum 5-foot setback from the side street property line to the house. The side street facade may be located anywhere within the adjacent 10 -foot-deep Side Street Facade Zone.

## Alley Setback

Minimum 7-foot setback from the rear property line.

## Side Wings

1 - to $1^{1 / 2}$-story side wings are encouraged. These side wings shall be set back from the front facade of the main body by a distance equal to, or greater than, the width of the side wing.

## Porch Encroachments

Porches may extend up to 8 feet into the front yard. Bay windows may also extend up to 2 feet into the front yard. (Refer to setback requirements on page B-11 for all permitted encroachments.) Garage Requirements
Garages shall be set back either a mini-



Plan of Village Lot Zones and Setbacks


Village Lot Specifications


## Lot Size

Lots are typically 60 to 80 feet wide by 100 to 120 feet deep.

## Main Body

The main body of the house shall be a maximum of 44 feet wide within the

## Front Facade Zone.

## Front Yard Setback/

Front Facade Zone
Typically houses have a minimum 15foot setback from the front property line
to the house. The front facade of the
house may be located anywhere within the adjacent 10 -foot-deep Front Facade Zone. (See lot matrix for specific lot requirements.)

## Side Yard Setback

Side Yard Setbacks should total a minimum of 10 feet between buildings.

## Side Street Setback/

## Side Street Facade Zone

Minimum 10-foot setback from the side street property line to the house. The side street facade may be located any where within the adjacent 10 -foot-deep Side Street Facade Zone.
Alley Setback
Minimum 7-foot setback from the rear property line.

## Side Wings

1 -to $1^{11 / 2}$-story side wings are encouraged. These side wings shall be set back from the front facade of the main body by a distance equal to, or greater than, the width of the side wing.

## Porch Encroachments

Porches may extend up to 8 feet into the front yard. Bay windows may also extend up to 2 feet into the front yard. (Refer to setback requirements on page B-11 for all permitted encroachments.)

## Garage Requirements

Garages shall be set back either a minimum of 7 feet from the rear lane right-of-way or 18 feet plus to create an outdoor parking pad. Garages may be either detached or attached.

## encing Recommendations

Fences provide delineation between public and private space and are strongly recommended on corner lots and between houses. For more specific fenc ing guidelines, see page F-5 in the Landscape Patterns section.

------- Rear Property Line


Plan of Estate Lot Zones and Setbacks

Estate Lot Specifications


Sketch of Estate Lot houses along a neigbborbood street

## Lot Size

Lots are typically 80 to 110 feet wide by 120 feet deep, but may be wider. Corner lots should be a minimum of 90 feet by 120 feet. Maximum lot coverage is $40 \%$.

## Main Body

The main body of the house within the Front Facade Zone shall be a maximum of 44 feet wide.

## Front Yard Setback/

## Front Facade Zone

Typically houses have a minimum 25 -
foot setback from the front property line to the house. The front facade of the house may be located anywhere within the adjacent 15 -foot-deep Front Facade Zone. (See lot matrix for specific lot requirements.)


Plan of house placement on Estate Lots

## Side Yard Setback

Side Yard Setbacks should total a minimum of 10 feet between buildings.

## Rear Setback

Minimum 7-foot setback from the rear property line for detached garages and minimum 15 feet to any habitable structure.

## Side Wings

1 -to $11 / 2$-story side wings are encouraged. These side wings shall be set back from the front facade of the main body by a distance equal to, or greater than, the width of the side wing.

## Encroachments

Porches may extend up to 8 feet into the front yard. Bay windows may also extend up to 2 feet into the front yard. (Refer to setback requirements on page B-11 for all permitted encroachments.)

## Garage Requirements

Garages may be either detached or attached. Garages opening onto public streets must be set back a minimum of 18 feet from the front facade of the main body. Driveways within the front yard shall be no wider than 10 feet. Minimum two-car garage required. Garage doors shall be no wider than 9 for a single door and 16 feet for a double.
Street-loaded garages on corner lots must be designed as distinct pavilions linked to the Main Body by single-story wings or detached. Garages must be


## Estate Lots

-.-.-.-.- Rear Property Line



Manor Lot Specifications


## Manor Lots

## Lot Size

Lots are typically greater than 110 feet wide by 140 feet deep, but may be wide Corner lots should be a minimum of 130 feet by 140 feet. Maximum lot cov erage is $40 \%$.

## Main Body

The face of the main body of the building will be placed within the Private Zone. Main body widths are a maximum of 60 feet.

## Front Yard Setback

## Front Facade Zone

Typically houses have a minimum 30foot setback from the front property line to the house. The front facade of the house may be located anywhere within the adjacent 20 -foot-deep Front Facade Zone. (See lot matrix for specific lot requirements.)

## Side Yard Setback

Side Yard Setbacks should total a minimum of 20 feet between buildings.

## Rear Setback

Minimum 7-foot setback from the rear property line for detached garages and property line for detached garages and
minimum 15 feet to any habitable structure.

## Side Wings

Single-story wings are encouraged. They may be used to increase maximum area calculations by up to $15 \%$.

## ncroachments

Porches may extend up to 8 feet into the front yard. Bay windows may also extend up to 2 feet into the front yard. (Refer to setback requirements on page B-11 for all permitted encroachments).

## Garage Requirements

Garages may be either detached or attached. Garages opening onto public streets must be set back a minimum of 18 feet from the front facade of the main body. Driveways within the front yard shall be no wider than 10 feet Minimum two-car arge 10 feet. Minimum two-car garage required. Garage doors shall be no wider than 9 for a single door and 16 feet for a double.

Street-loaded garages on corner lots must be designed as distinct pavilions linked to the Main Body by single-story wings or detached. Garages must be



Plan of Front-Loaded Lot Zones and Setbacks


Plan showing placement of typical front-loaded houses on lots

Front-Loaded Lot Specifications


## Lot Size

Front-loaded lots are typically $60+$ feet wide by 120 feet deep. Corner lots should be a minimum of 70 feet by 120 feet. Maximum lot coverage is $40 \%$.

## Main Body

The face of the main body of the building will be placed within the Front Facade Zone. The main body width is 40 feet for lots less than 80 feet in width and 44 feet for lots greater than 80 feet in width.

## Front Yard Setback

Front Facade Zone
Houses have a 25 -foot setback from the front property line to the house. The front facade of the building may be located anywhere within the adjacent 15-foot-deep Front Facade Zone. (See lot matrix for specific lot requirements.)

## Side Yard Setback

Side Yard Setbacks should total a minimum of 10 feet between buildings.

## Rear Setback

Minimum 7-foot setback from the rear property line for detached garages and minimum 15 feet to any habitable structure.

## Side Wings

Single-story wings are encouraged. They may be used to increase maximum area calculations by up to $15 \%$.

## Encroachments

Porches may extend up to 8 feet into the front yard. Bay windows may also extend up to 2 feet into the front yard. (Refer to overview of setback requirements for all encroachments on page B-11).

## Front-Loaded Lots

## Garage Requirements

Garages may be either detached or attached. Garages opening onto public streets must be set back a minimum of 18 feet from the front facade of the main body. Driveways within the front yard shall be no wider than 10 feet. Minimum two-car garage required. Garage doors shall be no wider than 9 feet.
Street-loaded garages on corner lots must be designed as distinct pavilions linked to the Main Body by single-story wings or detached. Garages must be
recessed a minimum of 5 feet behind the side facade of the house and a minimum of 18 feet from the edge of the sidewalk. An accessory unit is permitted over the garage; side drive accessed units may park on street.

## Fencing Recommendations

Fences provide delineation between public and private space and are strongly recommended on corner lots and between houses. For more specific fencing guidelines, see page F-5 in the Landscape Patterns section.



[^0]:    Street section through the Town Square

