

DIVISION 14. - ~~CENTRAL BUSINESS DISTRICT~~¹- FORM BASED CODE

Sec. 60-546. – PURPOSE:

The purpose of the Form Based Code is to

- a) Provide a building development pattern that is based upon the built environment’s physical form and its relationship to the Public Realm and the Private Realm.
- b) Allow for a diversity of uses appropriate and compatible to the designated district area
- c) Provide a more accelerated building design, review, approval and construction process.
- d) Deliver a more predictable building development outcome that is consistent with the traditional pedestrian-oriented street-building development pattern. .

Sec. 60-547. – TRANSECTS- -Form Based Code uses transects as a way to describe the areas under the Regulating Plan. A Transect is a system of ordering human habitats in a range from the most natural to the most urban. Auburn’s transects are organized using 5 Form Based Code Districts, (Transect 4.1, Transect 4.2, Transect 5.1, Transect 5.2 and Transect 6), which describe the physical character of a place at a certain scale, according to the density and intensity of land use and urbanism.

¹ NOTE: All text from the Central Business District has been deleted and replaced with the new Form Based Code



Illustrative View of T- 4.1 (Main Street)

Intent and Purpose:

Traditional Main Street Neighborhood (T- 4.1)

The Main Street Neighborhood district is designed to continue the existing pattern of large houses set along Main Street. This area is characterized by front porches, residential front yards and front doors facing the street. T- 4.1 promotes a lower-density and less concentrated pattern of buildings along the street, while maintaining a pleasing, connective and compact multi-modal environment.

Sec. 60-548 TRADITIONAL MAIN STREET NEIGHBORHOOD T-4.1



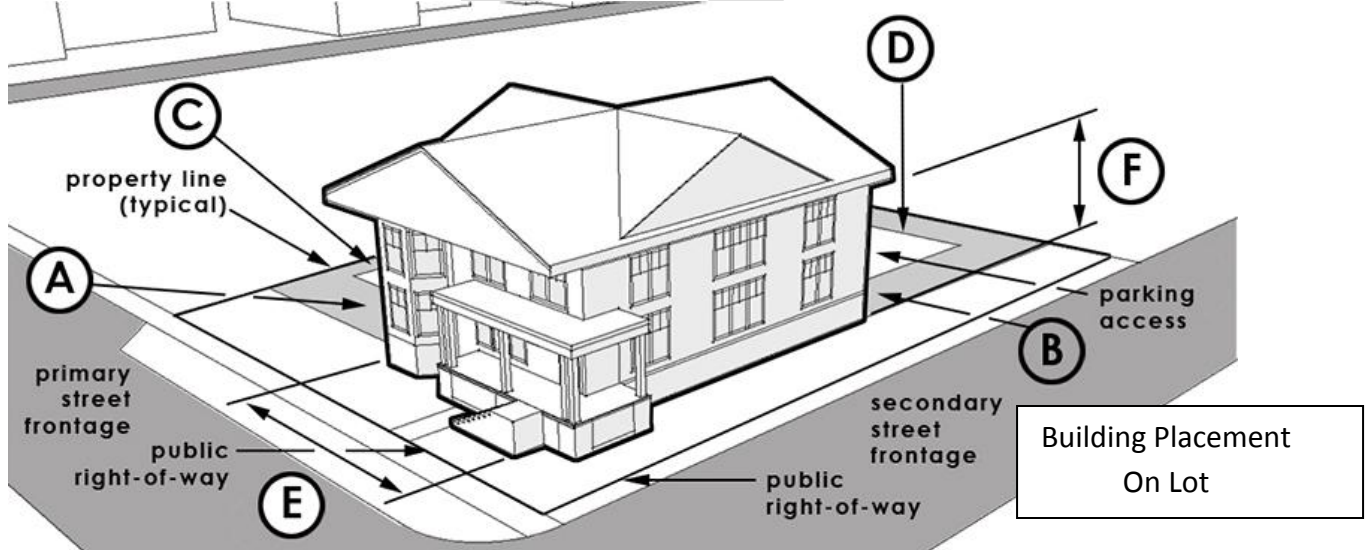
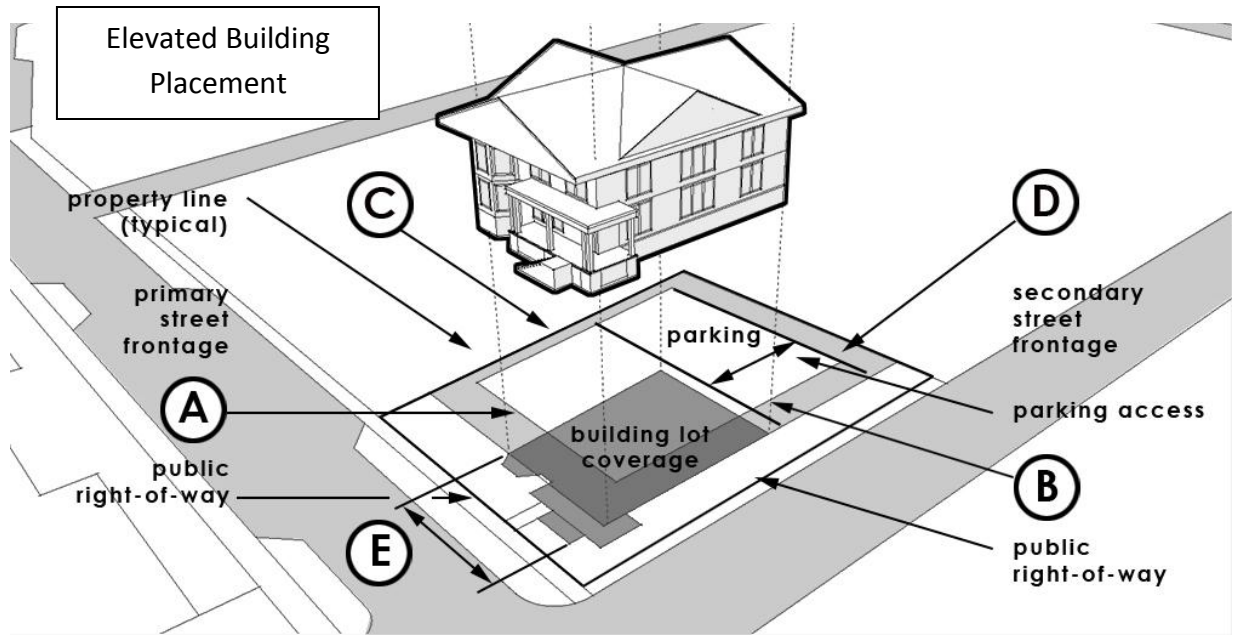
Characteristic Features

- Front lawns
- Front facade detailing
- Frontage fences
- Porches
- Bay windows
- Foundation planting and yard landscaping
- Street Trees
- Lower Density



Examples of Main Street Neighborhood - T- 4.1

Sec. 60-548.1 BUILDING PLACEMENT & CONFIGURATION T- 4.1

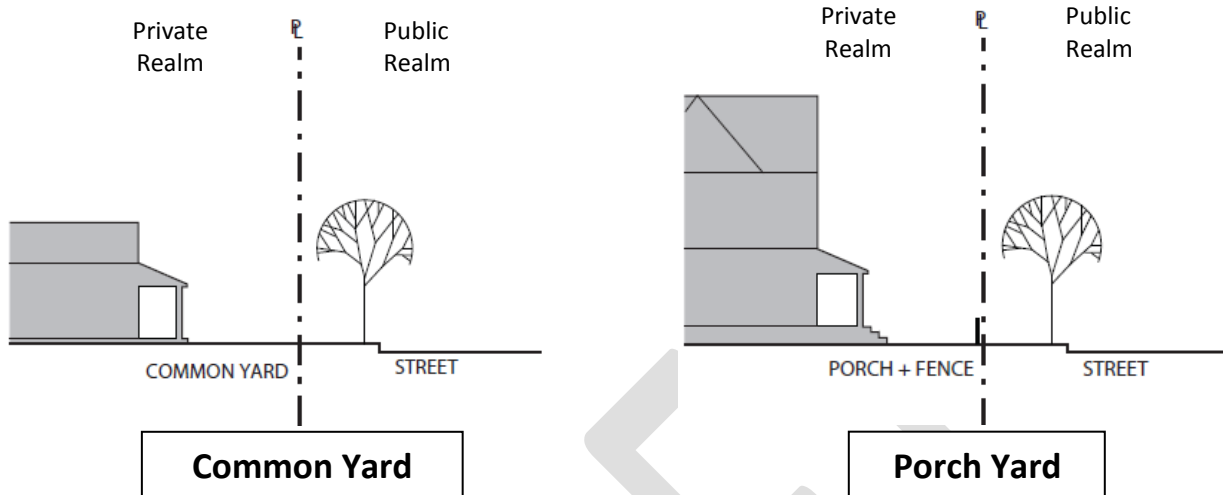


PRINCIPAL BUILDING PLACEMENT:

Front Setback, Principal:	15 ft Min, 25 ft Max	(A)
(Corner Lot) Front Setback, Secondary:	15 ft Min, 25 ft Max	(B)
Side Setback:	5 ft Min	(C)
Rear Setback:	10 ft Min	(D)
Building Lot Coverage:	60% Max	
Useable Open Space:	20% Min	
Frontage Build-Out:	40% Min (along Front Setback, Primary)	
Lot Width:	24 ft Min, 120 ft Max	

PRINCIPAL BUILDING CONFIGURATION:

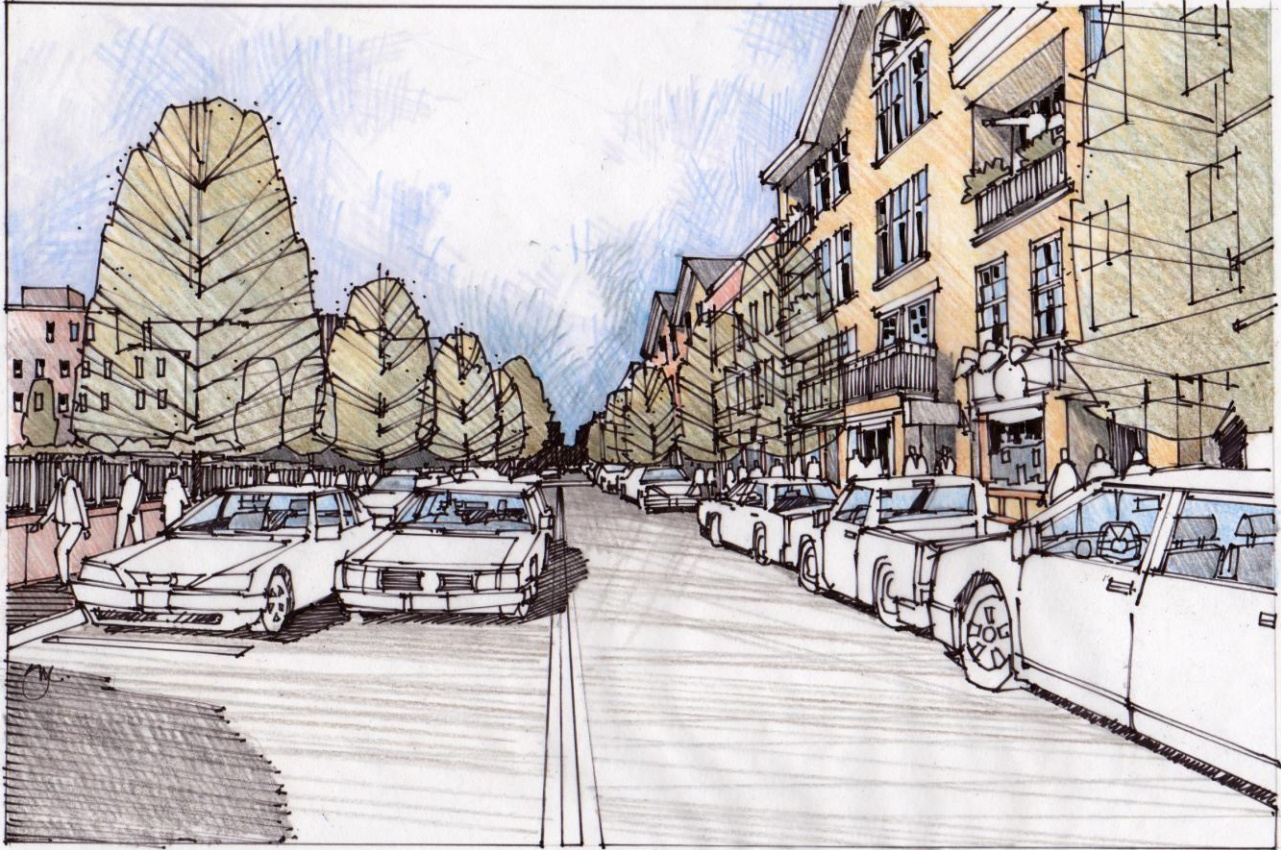
Building Width:	14 ft Min, 64 ft Max	(E)
Building Height Minimum:	2 Story Min	(F)
Building Height Maximum:	2 Story Max	(F)
	(excluding attic story)	



BUILDING FRONTAGE TYPES:	Common Yard; Porch Yard
BUILDING ENTRIES:	Primary entry door is encouraged along ground story facade facing a primary street.
BUILDING ENVELOPE ARTICULATION:	
Ground Story Building Frontage Facade:	Windows and doors shall comprise a minimum of 25% and maximum 60% coverage of the total ground story facade frontage.
Upper Story Building Frontage Facades:	Windows and doors shall comprise a minimum of 20% and maximum 40% coverage of the total upper story facade frontage.
Ground Story Finished Floor Elevation:	The ground story shall be a minimum of 2 feet and 6 feet maximum above the front yard elevation (average grade).
Frontage Facade Wall:	Blank lengths of wall exceeding 10 linear feet are prohibited.

Front Yard Fence:	A front yard fence a minimum of 2 feet and a maximum of 4 feet in height is encouraged to maintain spatial edge of street. Chain link, vinyl, split rail, or barbed wire is not allowed.
Front Yard Fence/Wall Opening:	A vehicle entry way, as part of a front fence/wall, shall be a maximum width of 20 feet; a pedestrian entry way shall be a maximum width of 6 feet.
Building Projections:	No part of any building, except overhanging eaves, awnings, balconies, bay windows, stoops and other architectural features shall encroach beyond the minimum or maximum front setback line.
Porch & Stoop Encroachments:	Porches & Stoops may encroach upon the minimum front setback line by the following distances: Front Setback, Principal Frontage 10 ft. maximum. Front Setback, Secondary Frontage 10 ft. maximum.
Garages:	Detached garages shall be located a minimum of 20 feet from any street right of way.
Driveways:	Driveways are encouraged to be on the secondary street frontage. Driveways shall be paved and a minimum of 8 feet wide and a maximum of 20 feet wide.
Parking:	<u>Residential</u> -Vehicle parking areas shall be located only on driveways or designated parking areas and shall not extend into the street right of way or sidewalk. <u>Commercial</u> - Parking shall be located to rear of the property to the greatest extent possible. Parking on a side yard is limited to no more than 60 feet wide or 40% of the lot width. Screening and/or street wall is required for parking areas along a street.
Accessory Structures:	Accessory structures shall be located a minimum of 20 feet from any street right of way and 5 feet from either side or rear property line.
Landscaping:	Landscaping is encouraged but shall not extend into any sidewalk or travel way. Street trees are encouraged.
Foundation Planting:	Foundation plantings are encouraged but should be pruned and maintained with enough clearance from the building facade to encourage air circulation.

Illustrative View of T- 4.2 (Spring Street)



Intent and Purpose:

Traditional Downtown Neighborhood (T- 4.2)

The Traditional Downtown Neighborhood district is characterized by a small to medium sized buildings with smaller front yards and stoops in a more compact urban environment, and includes and traditional neighborhood sized storefronts. The smaller minimum and maximum building set-backs form a moderately dense street-wall pattern, diverse architectural styles and pedestrian friendly streets and sidewalks.

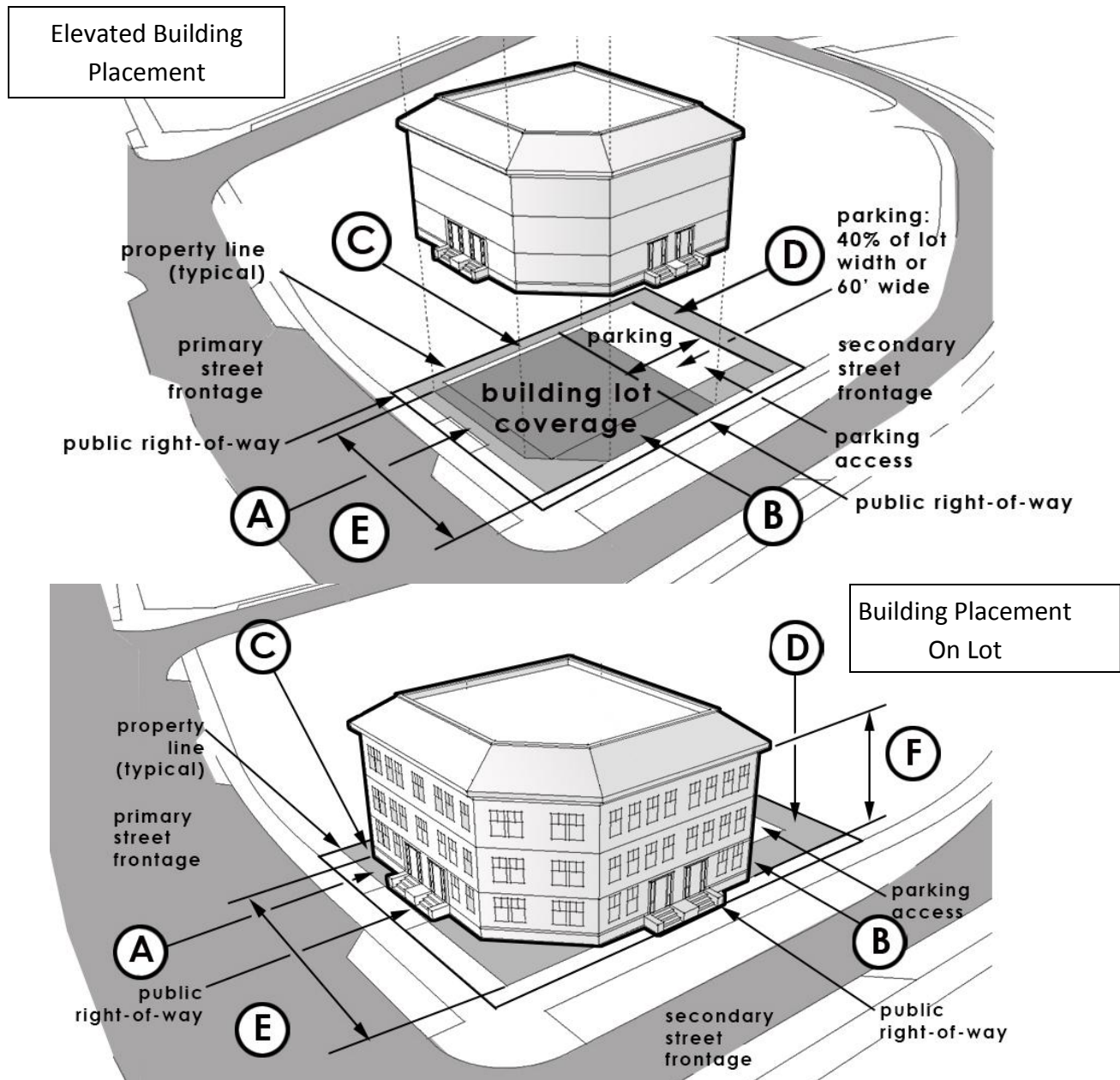
Sec. 60.549 TRADITIONAL DOWNTOWN NEIGHBORHOOD T- 4.2



Characteristic Features

- More public and private realm interaction
- Front facade detailing
- Small front yards
- Bay windows
- Neighborhood scaled storefronts with large windows
- Frontage Fences
- Street Trees
- Moderate densities

Sec. 60-549.1 BUILDING PLACEMENT & CONFIGURATION T-4.2

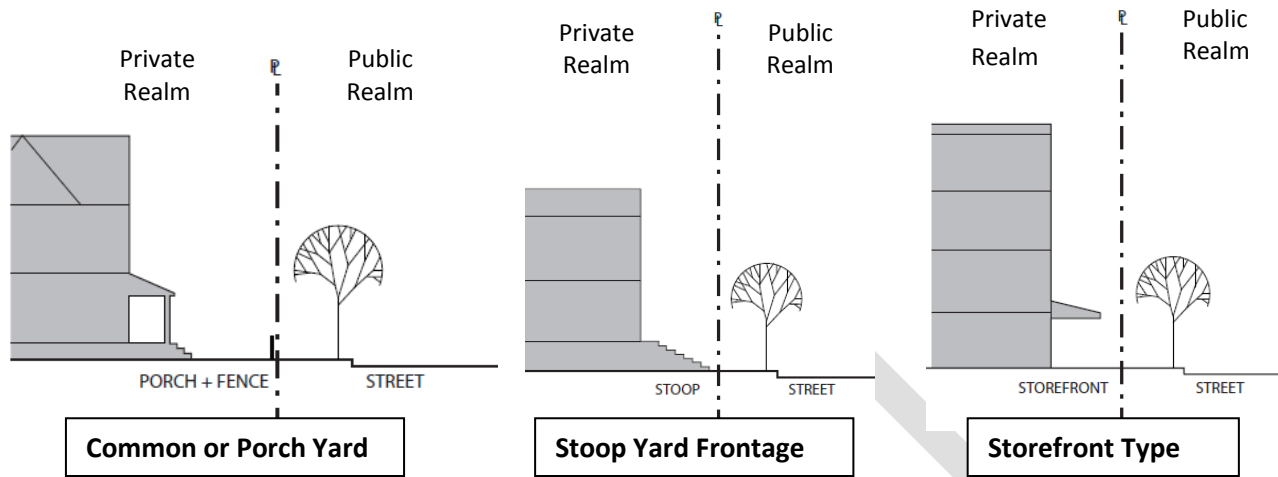


PRINCIPAL BUILDING PLACEMENT:

Front Setback, Principal:	5 ft Min, 15 ft Max	(A)
(Corner Lot) Front Setback, Secondary:	5 ft Min, 15 ft Max	(B)
Side Setback:	5 ft Min	(C)
Rear Setback:	10 ft Min	(D)
Building Lot Coverage:	70% Max	
Useable Open Space:	10% Min	
Frontage Build-Out:	60% Min (along Front Setback, Primary)	
Lot Width:	24 ft Min, 120 ft Max	

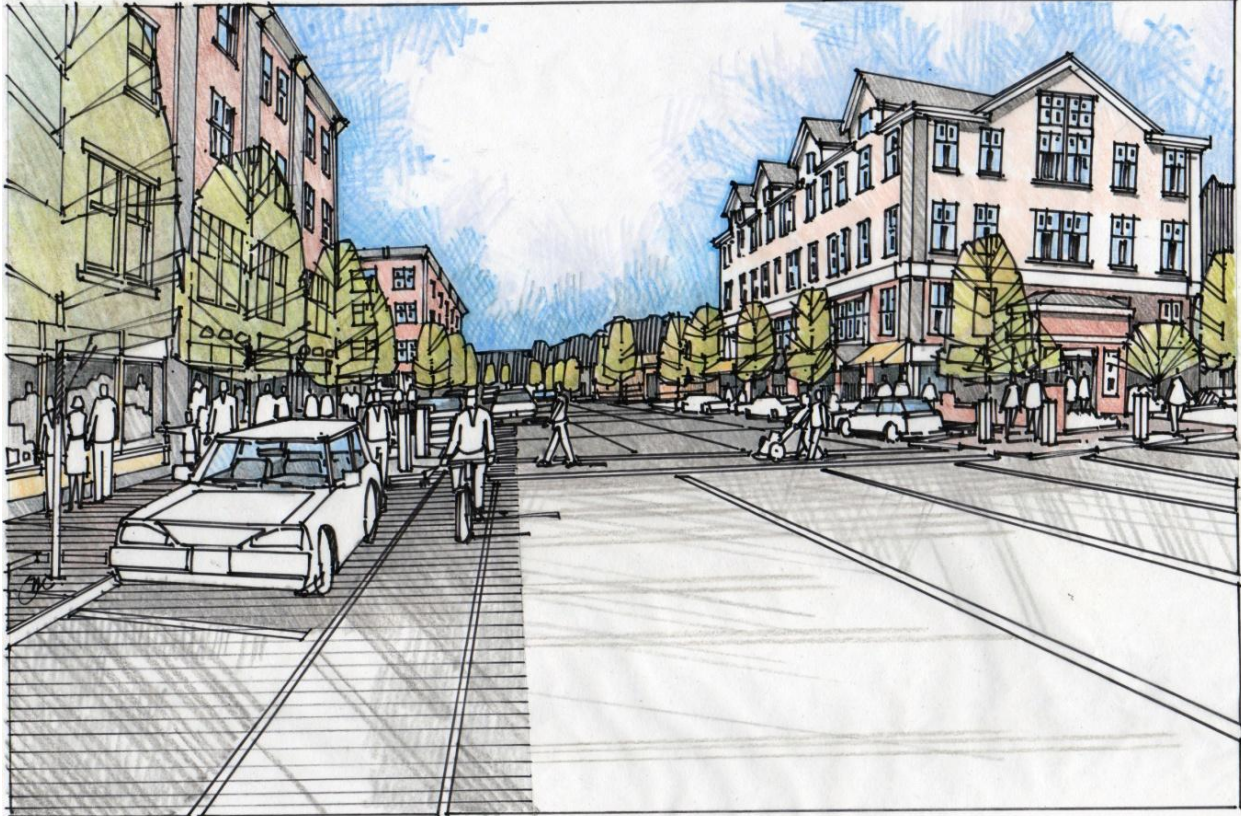
PRINCIPAL BUILDING CONFIGURATION:

Building Width:	14 ft Min, 110 ft Max	(E)
Building Height Minimum:	1 Story Min	(F)
Building Height Maximum:	3 Story Max	(F) (excluding attic story)



BUILDING FRONTAGE TYPES:	Common Yard; Porch Yard, Stoop and Storefront
BUILDING ENTRIES:	Primary entry door is encouraged along ground story facade facing a primary street.
BUILDING ENVELOPE ARTICULATION:	
Ground Story Building Frontage Facade:	<u>Residential</u> - Windows and doors shall comprise a minimum of 25% and maximum 60% coverage of the total ground story frontage facade. <u>Commercial</u> - Windows and doors shall comprise a minimum of 40% and maximum of 90% coverage of the total ground story frontage facade.
Upper Story Building Frontage Facade:	Windows and doors shall comprise a minimum of 20% and maximum 40% coverage of the total upper story building frontage facade.
Ground Story Finished Floor Elevation:	<u>Residential</u> - The ground story elevation must be a minimum of 2 feet minimum and 6 feet maximum above the front yard elevation (average grade). <u>Commercial</u> - The ground story elevation must be at a minimum of sidewalk grade to maximum of 2 feet.
Frontage Facade Wall:	Blank lengths of wall exceeding 10 linear feet are prohibited.

<p>Front Yard Fence:</p>	<p><u>Residential</u>- A front yard fence a minimum of 2 feet and a maximum of 4 feet in height is encouraged to maintain spatial edge of street. No chain link, vinyl, split rail, or barbed wire is allowed</p>
<p>Front Yard Fence/Wall Opening:</p>	<p>A vehicle entry way, as part of a front fence/wall, shall be a maximum width of 20 feet; a pedestrian entry way shall be a maximum width of 6 feet.</p>
<p>Building Projections:</p>	<p>No part of any building, except overhanging eaves, awnings, balconies, bay windows, stoops and other architectural features shall encroach beyond the minimum front setback line.</p>
<p>Porch & Stoop Encroachments:</p>	<p>Porches & Stoops may encroach upon the minimum front setback line by the following distances: Front Setback, Principal Frontage 5 ft maximum. Front Setback, Secondary Frontage 5 ft maximum.</p>
<p>Garages:</p>	<p>Detached garages shall be located a minimum of 20 feet from any street right of way.</p>
<p>Driveways:</p>	<p>Driveways are encouraged to be on the secondary street frontage. Driveways shall be paved and a minimum of 8 feet wide and a maximum of 20 feet wide.</p>
<p>Parking:</p>	<p><u>Residential</u>-Vehicle parking areas shall be located only on driveways or designated parking areas and shall not extend into the street right of way or sidewalk. <u>Commercial</u>- Parking shall be located to rear of the property to the greatest extent possible. Parking on a side yard is limited to no more than 60 feet wide or 40% of the lot width. Screening and/or street wall is required for parking areas along a street.</p>
<p>Accessory Structures:</p>	<p>Accessory structures shall be located a minimum of 20 feet from any street right of way and 5 feet from either side or rear property line.</p>
<p>Landscaping:</p>	<p>Landscaping is encouraged but shall not extend into any street right of way or sidewalk. Street trees are encouraged.</p>
<p>Foundation Planting:</p>	<p>Foundation plantings are encouraged but should be pruned and maintained with enough clearance from the building facade to encourage air circulation.</p>



Illustrative View of T- 5.1 (Future Great Falls Plaza)

Intent and Purpose:

Downtown Traditional Center (T- 5.1)

The Downtown Traditional Center zone is characterized by medium to larger sized buildings in a compact urban environment that generates an active street life. There is interplay between the Public Realm of the busy street and sidewalk, and the Private Realm of the residential stoops, commercial storefronts and gallery building fronts. The increased building widths form a more solid and compact street wall pattern, generating an energized traditional downtown feel.



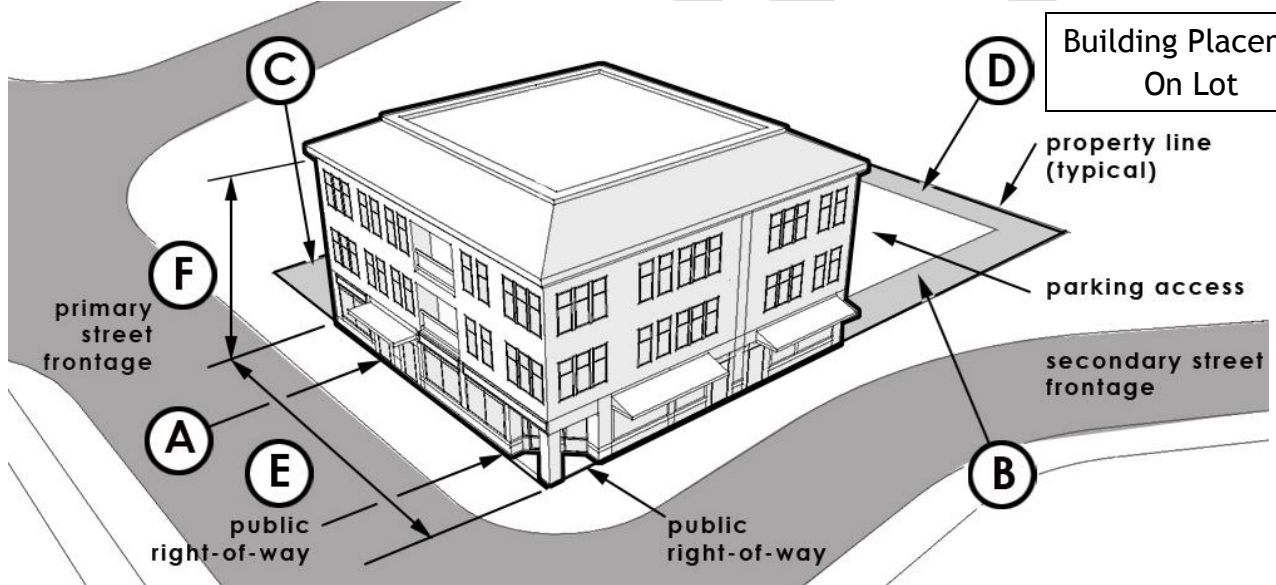
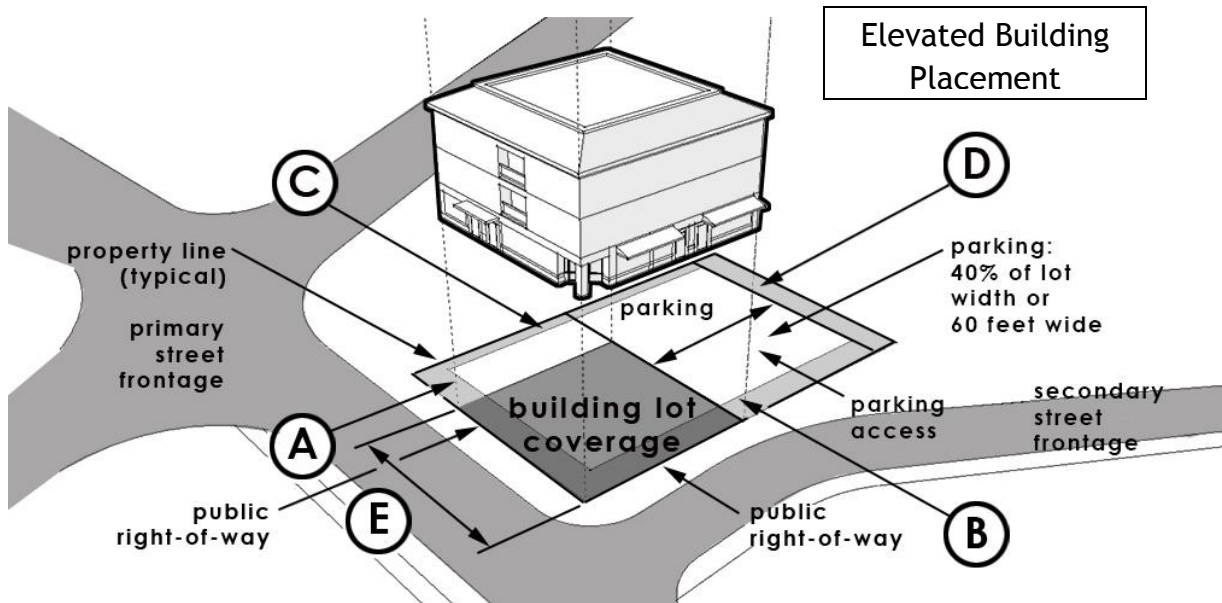
Key Features

- Vibrant and active interaction between public and private realms
- Larger buildings
- Front facade detailing
- Bay windows
- Balconies
- Street trees
- More urban density



Examples of Downtown Traditional Center – T- 5.1

Sec. 60-550.1 BUILDING PLACEMENT & CONFIGURATION T-5.1

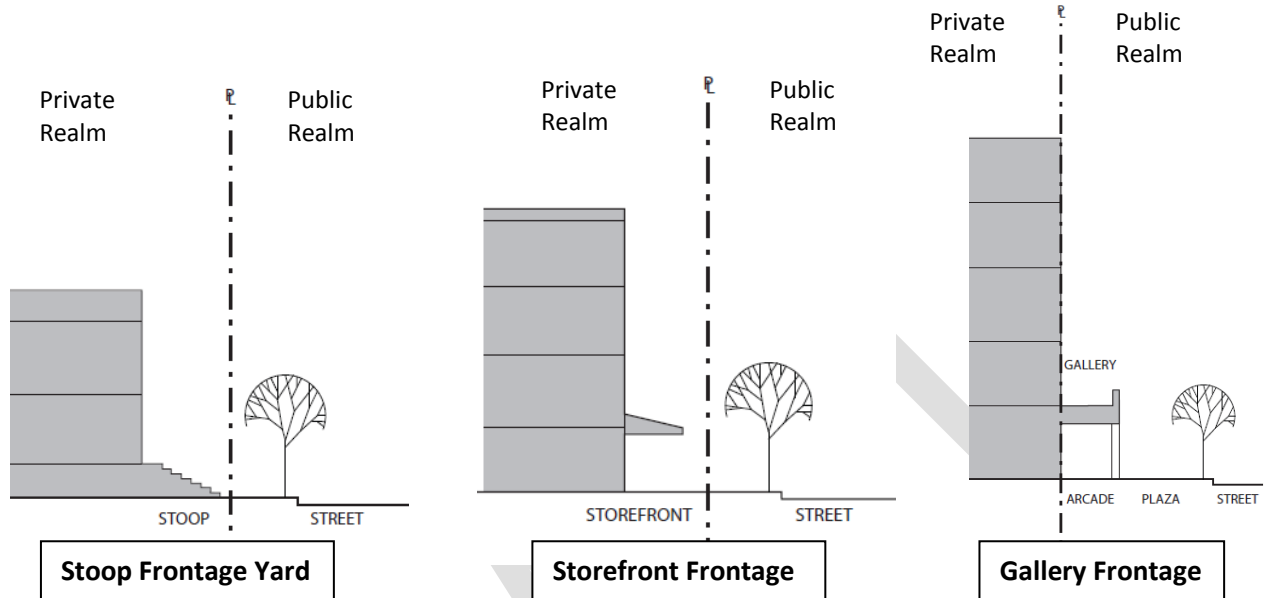


PRINCIPAL BUILDING PLACEMENT:

Front Setback, Principal:	0 ft Min, 10 ft Max	(A)
(Corner Lot) Front Setback, Secondary:	0 ft Min, 10 ft Max	(B)
Side Setback:	5 ft Min	(C)
Rear Setback:	10 ft Min	(D)
Building Lot Coverage:	75% Max	
Useable Open Space:	5% Min	
Frontage Build-Out:	75% Min (along Front Setback, Primary)	
Lot Width:	24 ft Min, 160 ft Max	

PRINCIPAL BUILDING CONFIGURATION:

Building Width:	14 ft Min, 150 ft Max	(E)
Building Height Minimum:	2 Story Min	(F)
Building Height Maximum:	4 Story Max	(F)
	(excluding attic story)	



BUILDING FRONTAGE TYPES:	Stoop, Storefront and Gallery
BUILDING ENTRIES:	Primary entry door is encouraged along ground story facade facing a primary street.
BUILDING ENVELOPE ARTICULATION:	
Ground Story Building Frontage Facade:	Windows and doors shall comprise a minimum of 25% and maximum 60% coverage of the total ground story facade frontage.
Upper Story Building Frontage Facade:	Windows and doors shall comprise a minimum of 20% and maximum 40% coverage of the total upper story facade frontage.
Ground Story Finished Floor Elevation:	The ground story must be a minimum of 2 feet minimum and 6 feet maximum above the front yard elevation (average grade).
Front Facade Wall:	Blank lengths of wall exceeding 10 linear feet are prohibited.

Front Yard Fence: (Residential)	<u>Residential</u> - A front yard fence a minimum of 2 feet and a maximum of 4 feet in height is encouraged to maintain spatial edge of street. No chain link, vinyl, split rail, or barbed wire is allowed.
Street Wall/Wall Opening:	A vehicle entry way, as part of a street wall, shall be a maximum width of 20 feet (residential) and 24 feet (commercial); a pedestrian entry way shall be a maximum width of 6 feet.
Building Projections:	No part of any building, except overhanging eaves, awnings, balconies, bay windows, stoops and other architectural features shall encroach beyond the minimum front setback line.
Stoop Encroachments:	Stoops may encroach upon the front setback line by the following distances but not encroach in the street right of way.
Garages:	Detached garages shall be located a minimum of 20 feet from any street right of way.
Driveways:	Driveways are encouraged to be on the secondary street frontage. Driveways shall be paved and a minimum of 8 feet wide and a maximum of 20 feet wide.
Parking:	<u>Residential</u> -Vehicle parking areas shall be located only on driveways or designated parking areas and shall not extend into the street right of way or sidewalk. <u>Commercial</u> - Parking shall be located to rear of the property to the greatest extent possible. Parking on a side yard is limited to no more than 60 feet wide or 40% of the lot width. Screening and/or street wall is required for parking areas along a street.
Accessory Structures:	Accessory structures shall be located a minimum of 20 feet from any street right of way and 5 feet from either side or rear property line.
Landscaping:	Landscaping is encouraged but shall not extend into any street sidewalk or travel way. Street trees are encouraged.
Foundation Planting:	Foundation plantings are encouraged but should be pruned and maintained with enough clearance from the building facade to encourage air circulation.



Illustrative View of T- 5.2 (Court Street)

Intent and Purpose:

Downtown City Center (T- 5.2)

The Downtown City Center district is characterized by medium to large sized buildings in a compact urban environment. This setting will generate social and cultural activity and events, economic stimulation and human interaction. The streets will be important transportation corridors with large sidewalks. The large residential and commercial building widths, frontages and building heights form a solid, compact street wall pattern. The Downtown Center will generate regional economic development activity along with energized social and lifestyle options.

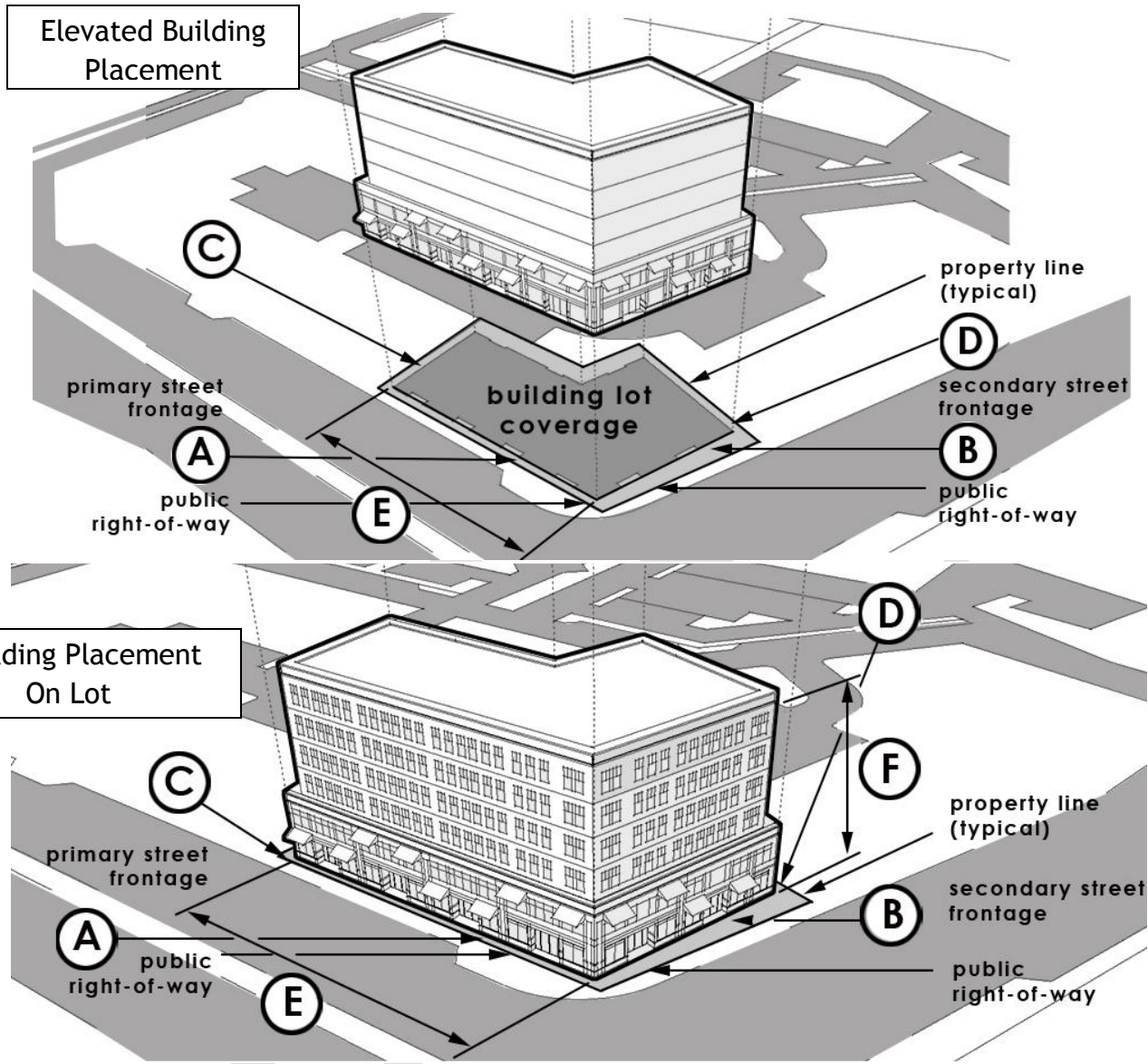


Key Features

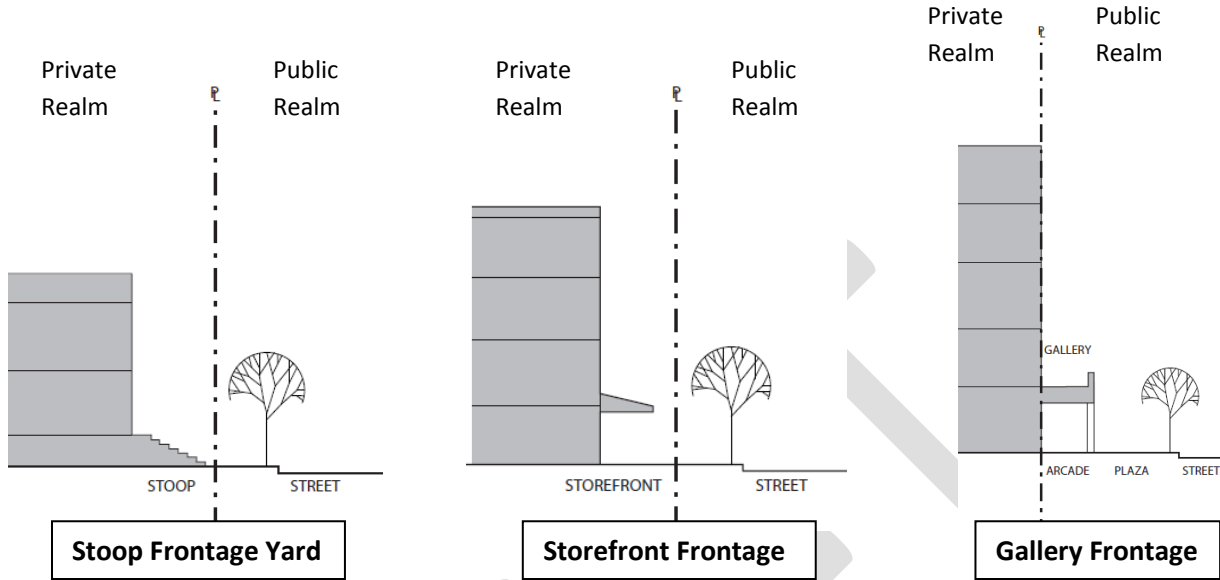
- Vibrant street life
- Front facade detailing
- Articulated storefront entrance
- Awnings for storefronts
- Balconies
- Wide sidewalks
- Street Trees
- Compact Urban Environment



Examples of Downtown City Center- T- 5.2



PRINCIPAL BUILDING PLACEMENT:		
Front Setback, Principal:	0 ft Min, 10 ft Max	(A)
(Corner Lot) Front Setback, Secondary:	0 ft Min, 10 ft Max	(B)
Side Setback:	5 ft Min	(C)
Rear Setback:	10 ft Min	(D)
Building Lot Coverage:	80% Max	
Useable Open Space:	5% Min	
Frontage Build-Out:	85% Min (along Front Setback, Primary)	
Lot Width:	24 ft Min, 240 ft Max	
PRINCIPAL BUILDING CONFIGURATION:		
Building Width:	12 ft Min, 230 ft Max	(E)
Building Height Minimum:	2 Story Min	(F)
Building Height Maximum:	6 Story Max	(F)
	(excluding attic story)	



BUILDING FRONTAGE TYPES:.....	Stoop, Storefront and Gallery
BUILDING ENTRIES:.....	Primary entry door is encouraged along ground story facade facing a primary street.
BUILDING ENVELOPE ARTICULATION:	
Ground Story Building Frontage Facade:	<u>Residential:</u> Windows and doors shall comprise a minimum of 25% and maximum 60% coverage of the total ground story facade frontage. <u>Storefront:</u> Windows and doors shall comprise a minimum 60% and maximum 90% coverage of the total ground story facade frontage.
Upper Story Building Frontage Facade:	Windows and doors shall comprise a minimum of 20% and maximum 40% coverage of the total upper story facade frontage.
Ground Story Finished Floor Elevation:	<u>Residential:</u> Ground story must be a minimum of 2 feet or 6 feet maximum above the average front yard elevation. <u>Storefront:</u> Ground story must be a minimum of at the average sidewalk elevation or a maximum of 2 feet above the front yard elevation.
Front Facade Wall:	Blank lengths of wall exceeding 15 linear feet are prohibited.

<p>Front Yard Fence: (Residential)</p>	<p>A front yard fence a minimum of 3 feet and a maximum of 4 feet in height is encouraged to maintain spatial edge of street.</p>
<p>Front Yard Fence/Wall Opening:</p>	<p>A vehicle entry way, as part of a front fence/wall, shall be a maximum width of 20 feet; a pedestrian entry way shall be a maximum width of 6 feet.</p>
<p>Required Street Wall Height:</p>	<p>A street wall a minimum of 4 feet and maximum of 6 feet shall be required along the building line frontage that is not otherwise occupied by the principal building on the lot. The height of the street wall shall be measured from the adjacent public sidewalk or from the adjacent ground elevation once construction is complete.</p>
<p>Building Projections:</p>	<p>No part of any building, except overhanging eaves, awnings, balconies, bay windows, and other architectural features shall encroach beyond the minimum front setback line.</p>
<p>Stoop Encroachments:</p>	<p>Stoops may encroach upon the front setback line by the following distances but not encroach in the street right of way.</p>
<p>Parking:</p>	<p><u>Residential</u>-Vehicle parking areas shall be located only on driveways or designated parking areas and shall not extend into the street right of way or sidewalk. <u>Commercial</u>- Parking shall be located to rear of the property to the greatest extent possible. Parking on a side yard is limited to no more than 60 feet wide or 40% of the lot width. Screening and/or street wall is required for parking areas along a street.</p>
<p>Landscaping:</p>	<p>Landscaping is encouraged but shall not extend into any street sidewalk or travel way. Street trees are encouraged.</p>



Illustrative View of T-6 (Turner Street)

Intent and Purpose:

Great Fall Metropolitan (T-6)

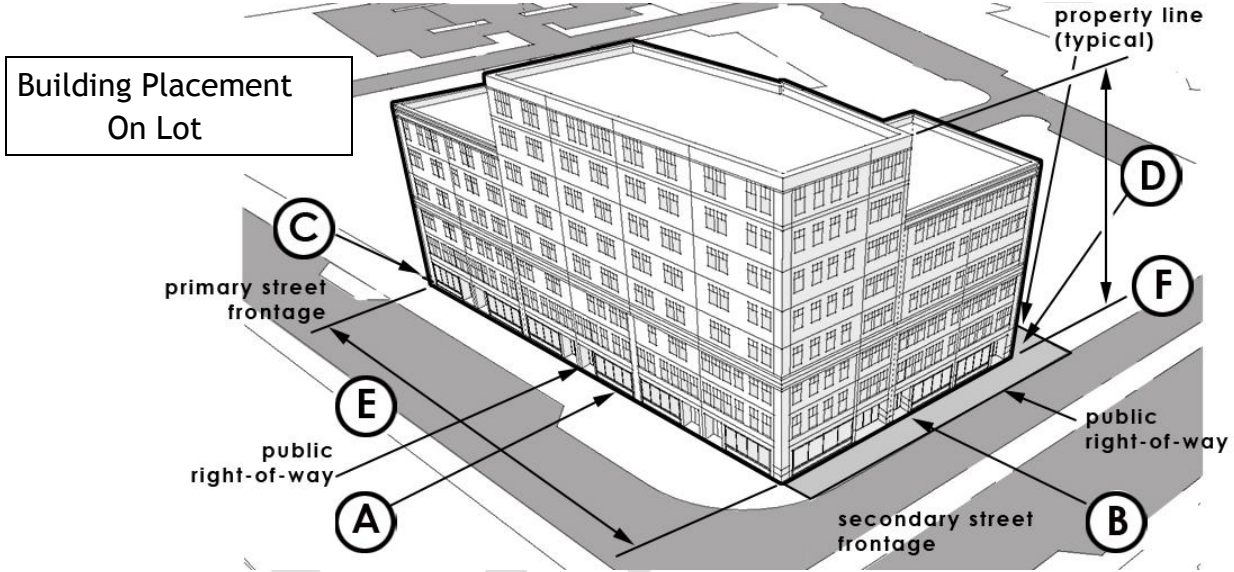
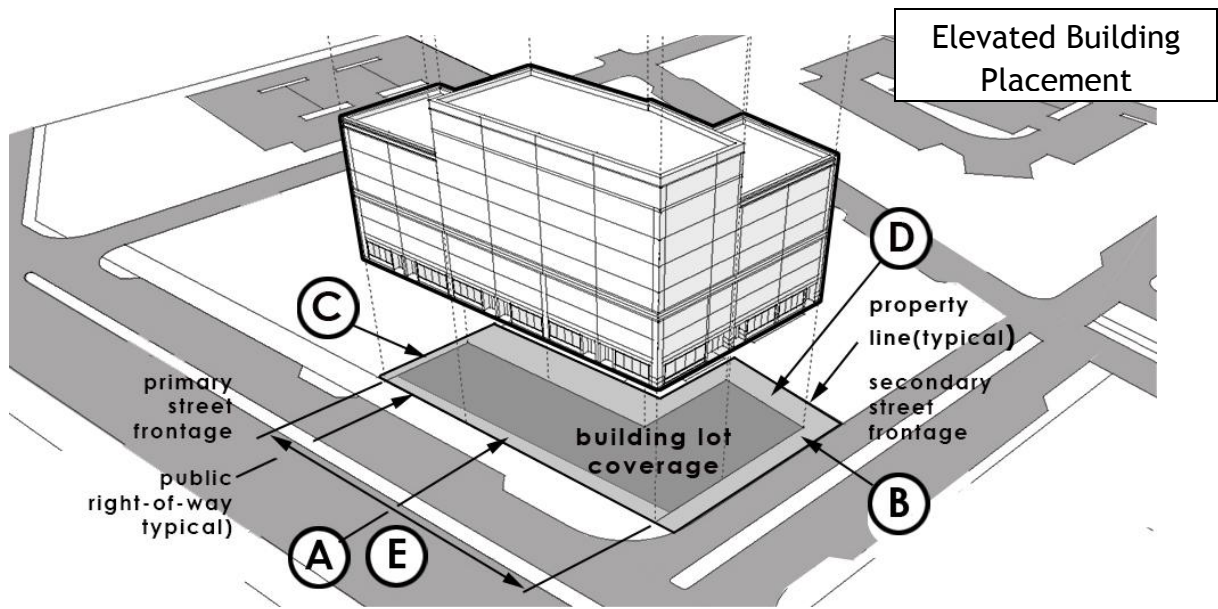
The Great Falls Metropolitan zone is characterized by large buildings up to 8 stories tall that will define the City of Auburn's emerging downtown. A new central square, "Great Falls Square" will provide a downtown focal point and center for professional enterprise and commerce. The Great Falls Metropolitan urban form will generate strong regional socio-economic gravitational pull, attract corporate investment and become a regional destination for visitors, events, entertainment, shopping and social gatherings.

Key Features

- High energy downtown center
- Balconies
- Articulated storefront entrances
- Awnings for storefronts
- Wide sidewalks
- Street trees
- Streetscape elements (benches, planters)
- Transportation hub
- High density



Examples of Great Falls Metropolitan T-6

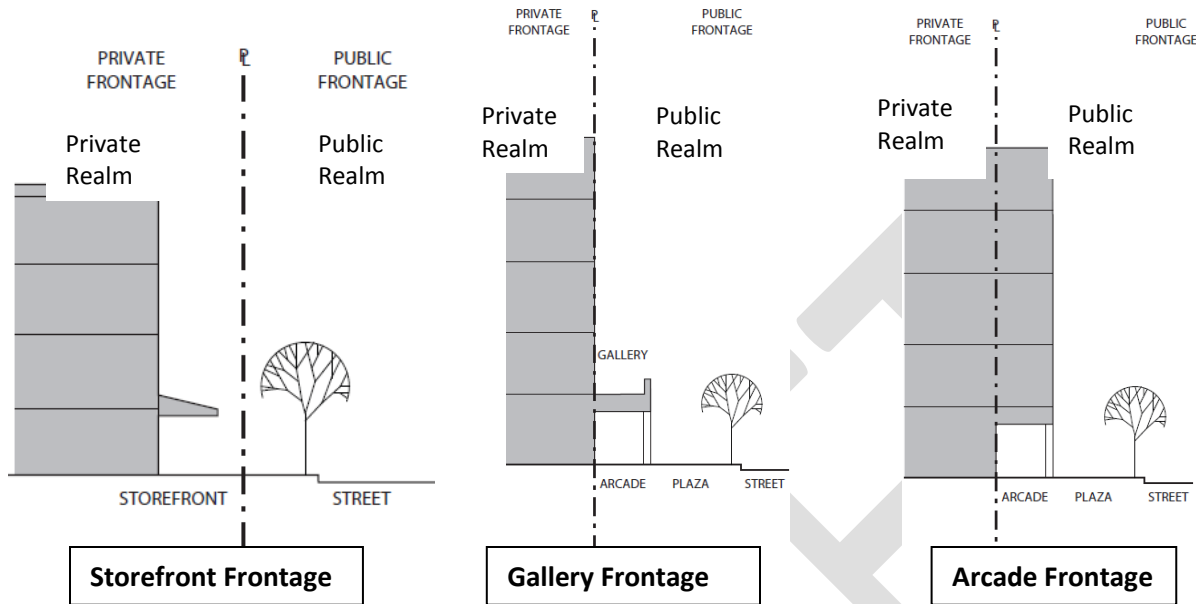


PRINCIPAL BUILDING PLACEMENT:

Front Setback, Principal:	0 ft Min, 10 ft Max	(A)
(Corner Lot) Front Setback, Secondary:	0 ft Min, 10 ft Max	(B)
Side Setback:	5 ft Min	(C)
Rear Setback:	10 ft Min	(D)
Building Lot Coverage:	90% Max	
Useable Open Space:	5% Min	
Frontage Build-Out:	90% Min (along Front Setback, Primary)	
Lot Width:	24 ft Min, 240 ft Max	

PRINCIPAL BUILDING CONFIGURATION:

Building Width:	14 ft Min, 230 ft Max	(E)
Building Height Minimum:	4 Story Min	(F)
Building Height Maximum:	8 Story Max	(F)
	(excluding attic story)	



BUILDING FRONTAGE TYPES:	Storefront, Gallery and Arcade
BUILDING ENTRIES:	Primary entry door is encouraged along ground story facade facing a primary street.
BUILDING ENVELOPE ARTICULATION:	
Ground Story Building Frontage Façade:	Windows and doors shall comprise a minimum 60% and maximum 90% coverage of the total ground story facade frontage.
Upper Story Building Frontage Façade:	Windows and doors shall comprise a minimum of 20% and maximum 40% coverage of the total upper story facade frontage.
Ground Story Finished Floor Elevation	Must be a minimum of the average sidewalk elevation and maximum of 2 feet.
Front Façade Wall:	Blank lengths of wall exceeding 15 linear feet are prohibited. Architectural jogs of up to 18 inches in depth are permitted.

<p>Street Wall Opening:</p>	<p>A vehicle entry way, as part of a front fence/wall, shall be a maximum width of 18 feet; a pedestrian entry way shall be a maximum width of 6 feet.</p>
<p>Required Street Wall Height:</p>	<p>A street wall a minimum of 4 feet and maximum of 6 feet shall be required along the building line frontage that is not otherwise occupied by the principal building on the lot. The height of the street wall shall be measured from the adjacent public sidewalk or from the adjacent ground elevation once construction is complete.</p>
<p>Building Projections:</p>	<p>No part of any building, except overhanging eaves, awnings, balconies, bay windows, and other architectural features shall encroach beyond the minimum front setback line.</p>
<p>Stoop Encroachments:</p>	<p>Stoops may encroach upon the front setback line by the following distances but not encroach in the street right of way.</p>
<p>Parking:</p>	<p><u>Residential</u>-Vehicle parking areas shall be located only on driveways or designated parking areas and shall not extend into the street right of way or sidewalk. <u>Commercial</u>- Parking shall be located to rear of the property to the greatest extent possible. Parking on a side yard is limited to no more than 60 feet wide or 40% of the lot width. Screening and/or street wall is required for parking areas along a street.</p>
<p>Landscaping:</p>	<p>Landscaping is encouraged but shall not extend into any street sidewalk or travel way. Street trees are encouraged.</p>

Sec. 60-554 FORM BASED CODE USE and PARKING MATRIX

* * *

USE (1)	T-4.1	T-4.2	T 5.1	T-5.2	T-6	PARKING REQUIREMENTS (2)
Residential Type Use						
Single Family	P	P	P			1 sp/DU
Duplex	P	P	P	P	P	1 sp/DU
Townhouse	P	P	P	P	P	1 sp/DU
Multi-Family	P	P	P	P	P	1 sp/DU plus 1 guest space/4 DU
Bed & Breakfast < 4 Rooms	S	P	P	P	P	1 sp/employee plus 1 sp/guest
Bed & Breakfast > 4 Rooms	S	S	P	P	P	1 sp/employee plus 1 sp/guest
Hotel	X	X	S	S	P	1/2 sp /employee plus 1 sp /room
Elderly/Child Care Facility	S	S	S	S	P	1/2 sp /employee plus 1 sp/ 8 users
Home Occupation	P	P	P	P	P	Based on Use Type (Sec. 60-673-10)
Community Based Residential Facilities	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	1 sp/employee plus 1 sp/client
Boarding House/Lodginghouse	<u>P</u>	<u>P</u>	<u>P</u>	<u>S</u>	<u>X</u>	1 sp/guestroom plus 1 sp/employee
Office/Service Type Use						
Financial/Professional Offices	S	S	P	P	P	1 sp/400 sf
Medical and Dental Clinics	S	S	P	P	P	1 sp./400 sf
Personal Services	S		P	P	P	1 sp./400 sf
Retail Type Use						
General Retail	S	S	P	P	P	1 sp/400 sf
Age Restricted Retail (3)	S	S	S	S	S	1 sp/400 sf
Specialty Shops	S	P	P	P	P	1 sp/400 sf
Restaurant up to 30 seats w/16 outdoor	X	S	P	P	P	1 sp/4 seats
Restaurant over 30 seats w/16 outdoor		S	S	P	P	1 sp/4 seats
Halls, Private Clubs, Indoor Amusement	S	S	S	P	P	1 sp/400 sf
Artist Studios, Performing Art Center	S	S	P	P	P	1 sp/400 sf
Civic						
Church or Places of Worship	S	S	P	P	P	1 sp/5 seats
Government Offices	X	X	P	P	P	1 sp/400 sf
Art Galleries	S	P	P	P	P	1 sp/400 sf
Transportation Facilities	X	X	S	S	S	1 sp/400 sf

Notes:

- (1) Uses not listed are considered prohibited unless deemed similar by the Director of Planning or by the Planning Board through a special exception approval.
- (2) * Parking requirements in T-5.1, T- 5.2 and T-6 may be provided by the municipality or private parking resources within 1,000 feet of the principal building, subject to Planning Board approval.
- (3) Where more than 50% of floor space is devoted to Age Restricted Goods

S = Special Exception
sp = parking space

P = Permitted
sf = square foot of gross floor space

X-Prohibited
DU = Dwelling Unit