



NO. 2020-24

AN ORDINANCE AMENDING CHAPTERS 17.10, 17.84, and 17.100 OF TITLE 17 OF THE SANDY MUNICIPAL CODE AND DECLARING AN EMERGENCY.

Whereas, the City Council wants to incorporate clear and objective standards related to average daily traffic (ADT) and transportation impact analysis in the Development Code; and

Whereas, the City Council wants to exempt development in the Central Business District (C-1) from the local street ADT standards; and

Whereas, the City Council wants to increase the tentative plat expiration date from 1 year to 2 years; and

Whereas, the City Council wants to amend certain sections of Chapter 17.100 to reflect current practices with regards to street signs, street surfacing, street lighting, bonds, and performance guarantee; and

Whereas, the City Council wants to update the code language to be gender neutral; and

Whereas, in addition, the City Council wants to make other minor code changes as contained below; and

Whereas, on June 22, 2020, the City provided notice of the proposed amendments to DLCD in conformance with ORS 197.610; and

Whereas, the Planning Commission held a public hearing to review the amendments on July 27, 2020 and a second public hearing on August 24, 2020 and forwarded a recommendation of approval with a few minor changes to the City Council; and

Whereas, the City Council then held a public hearing to review the proposal on September 21, 2020; and

Whereas, the city finds that the public health, safety and general welfare of the city, its residents and its visitors necessitates and requires the adoption of this ordinance incorporating clear and objective language related to ADT standards and transportation impact analyses and for it to take effect immediately upon its adoption;

NOW, THEREFORE, THE CITY OF SANDY ORDAINS AS FOLLOWS,

Section 1: Sandy Municipal Code Chapter 17.10 is amended as detailed in Exhibit A, attached and incorporated by reference.

Section 2: Sandy Municipal Code Chapter 17.84 is amended as detailed in Exhibit B, attached and incorporated by reference.

Section 3: Sandy Municipal Code Chapter 17.100 is amended as detailed in Exhibit C, attached and incorporated by reference.

Section 4: This ordinance being necessary for the immediate preservation of the public peace, health and safety, an emergency is declared to exist, and this ordinance takes effect immediately upon its adoption.

This ordinance is adopted by the Common Council of the City of Sandy and approved by the Mayor this 21 day of September 2020



Stan Pulliam, Mayor

ATTEST:



Jeff Aprati, City Recorder

CHAPTER 17.10 DEFINITIONS

17.10.00 INTENT

These definitions are intended to provide specific meanings for words and terms commonly used in zoning and land use regulations.

17.10.10 MEANING OF WORDS GENERALLY

All words and terms used in this Code have their commonly accepted dictionary meaning unless they are specifically defined in this Code or the context in which they are used clearly indicated to the contrary.

17.10.20 MEANING OF COMMON WORDS

- A. All words used in the present tense include the future tense.
- B. All words used in the plural include the singular, and all words used in the singular include the plural unless the context clearly indicates to the contrary.
- C. The word “shall” is mandatory and the word “may” is permissive.
- D. The word “building” includes the word “structure.”
- E. The phrase “used for” includes the phrases “arranged for,” “designed for,” “intended for,” “maintained for,” and “occupied for.”
- F. The word “land” and “property” are used interchangeably unless the context clearly indicates to the contrary.
- G. The word “person” may be taken for persons, associations, firms, partnerships or corporations.

17.10.30 MEANING OF SPECIFIC WORDS AND TERMS

The listed specific words and terms are defined as follows:

Abandonment: To cease or discontinue a use or activity without intent to resume, but excluding temporary or short-term interruptions to a use or activity during periods of remodeling, maintaining or otherwise improving or rearranging a facility, or during normal periods of vacation or seasonal closure. An “intent to resume” can be shown through continuous operation of a portion of the facility, maintenance of sewer, water and other public utilities, or other outside proof of continuance such as bills of lading, delivery records, etc.

Abandonment, Discontinued Use: Discontinued use shall mean nonuse and shall not require a determination of the voluntary or involuntary use or intent to resume the use.

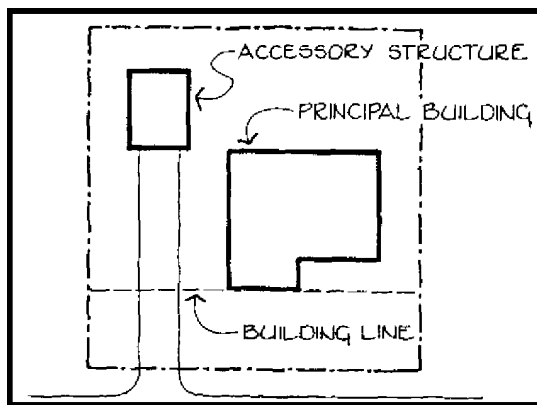
Abutting Lots: Two or more lots joined by a common boundary line or point. For the purposes of this definition, no boundary line shall be deemed interrupted by a road, street, alley or public

way, it being the intent of this definition to treat property lying on the opposite sides of a road, street, alley or public way as having a common boundary line or point.

Access: The place, means, or way by which pedestrians or vehicles shall have safe, adequate, and usable ingress and egress to a property, use or parking space.

Accessory Dwelling Unit: A second dwelling unit either in or added to an existing single-family detached dwelling, or in a separate accessory structure on the same lot as the main dwelling, for use as a complete, independent living facility with provisions within the accessory apartment for cooking, eating, sanitation and sleeping. Such a dwelling is an accessory use to the main dwelling.

Accessory Structure (Detached): A structure that is clearly incidental to and subordinate to the main use of property and located on the same lot as the main use; freestanding and structurally separated from the main use.



Accessory Structure Example

Accessory Structure (Attached): A structure that is clearly incidental to and subordinate to the main use of the property; attached to the principal structure by the wall or roof of the latter or by the roof over a breezeway connecting the accessory and principal structures.

Accessory Use: A use on the same lot with and of a nature customarily incidental and subordinate to the principal use.

Acre, Gross: Gross acre means an acre area of land, which includes in its measurement public streets or other areas to be dedicated or reserved for public use.

Acre, Net: Net acre means an acre area of land, which does not include in its measurement public streets or other areas to be dedicated or reserved for public use.

Activate (as in “activate wall”): Make the exterior of a building inviting to pedestrians through a combination of elements, such as an enhanced customer entrance, weather protecting features (such as canopies or awnings), pedestrian-scale signage, and transparent windows allowing for views into and from interior building spaces.

Actual Construction: The placing of construction materials in a permanent position and fastened in a permanent manner.

Adjacent Lot: Adjacent means the same as abutting lot.

AE Zone (floodway): Area of special flood hazard with water surface elevations determined as depicted on the FIRM.

Affordable Housing: Housing for households with incomes at or below the Clackamas County median, as determined by the U.S. Department of Housing and Urban Development (HUD), on the assumption that these households do not spend more than 30 percent of their income for housing costs. Housing costs for renters include rent and heating. Housing cost for homeowners includes principal on the mortgage plus interest, taxes, insurance, and heating. *Note: Median income figures depend upon the household size assumed. These numbers are updated annually by HUD.*

A-Frame building: A building with steeply angled sides that meet at the top of the building in the shape of an “A”; more than half of the two side elevations comprise the primary roof form.

After School Program: A program designed to provide care for and educational enhancement to children immediately following school release.

Agriculture: Nursery activity, horticulture and similar activities for the cultivation of commercial crops in addition to pasturing, breeding, dairying, and similar uses of animals, and poultry for commercial use; does not include processing, slaughtering, large scale poultry raising, commercial forestry and similar uses.

Aisle: The driving portion of the parking area. The aisle provides access to each space.

Alley: A public or private way permanently reserved as a means of access to abutting property, usually with principal access from another street.

Alteration: Any change, addition, or modification in construction or occupancy of an existing building or structure.

Amendment: A change in the wording, context, or substance of the Development Code, or a change in the zone boundaries or area district boundaries upon the zoning map.

Anchor space/store/building: The largest single use, or the largest space designed for a single store or use, on a site.

Ancillary structure/store/building: An accessory structure, store, or building. See also, Accessory Use

Angled: Any parking space that is not parallel to the curb or driving aisle.

Apartment: A dwelling unit, which is located within a multi-family dwelling but excluding condominiums. (Multi-family dwelling is defined under Building Types.)

Appeal, floodplain: A request for a review of the Floodplain Administrator’s interpretation of any provision of this ordinance or a request for a variance.

Application: For purposes of this Code, application is defined as documents and materials submitted or to be submitted to the city.

Area of Shallow Flooding: A designated Zone AO or AH on a community’s Flood Insurance Rate Map (FIRM) with a one percent or greater annual chance of flooding to an average depth of one to three feet where a clearly defined channel does not exist, where the path of flooding is unpredictable, and where velocity flow may be evident. Such flooding is characterized by ponding or sheet flow.

Area of Special Flood Hazard: The land in the floodplain within a community subject to a one percent or greater chance of flooding in any given year. It is shown on the Flood Insurance Rate Map (FIRM) as Zone A, AO, AH, A1-30, AE, A99, AR. “Special flood hazard area” is synonymous in meaning with the phrase “area of special flood hazard.”

Automobile Fueling Station: Automotive fueling station means any premises used primarily for supplying motor fuel, oil, minor servicing, excluding body and fender repair, and the sale of accessories as a secondary service for automobiles, at retail direct to the customer.

Automobile Wrecking Yard: The dismantling or wrecking of used motor vehicles or trailers, or the storage, sale or dumping of dismantled, partially dismantled, obsolete or wrecked vehicles or their parts.

Average Daily Traffic (ADT): Two-direction, 24-hour total count of vehicles crossing a line perpendicular to the road on an average weekday.

Base Flood: A flood having a one percent chance of being equaled or exceeded in any given year.

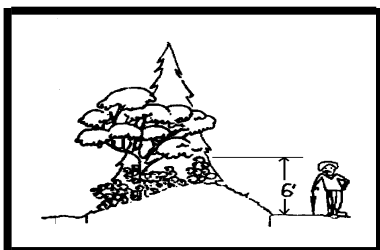
Base Flood Elevation (BFE): The elevation to which floodwater is anticipated to rise during the base flood.

Basement: Any area of a building having its floor subgrade below ground level on all sides.

Batten seam: Application of a batten where two exterior boards or panels adjoin (e.g., board and batten siding).

Bed and Breakfast Inn: A house, or portion thereof, where short-term lodging rooms and meals are provided. The operator of the inn shall live on the premises or in adjacent premises.

Berm: An earthen mound designed to provide a visual interest, screen undesirable views, and/or decrease noise.



Berm Example

Big-box, or Large-Format Commercial/Industrial: Any single building containing more than 30,000 square feet of gross floor area in the C-1 zone, or greater than 60,000 square feet of gross floor area in any other commercial or industrial zone.

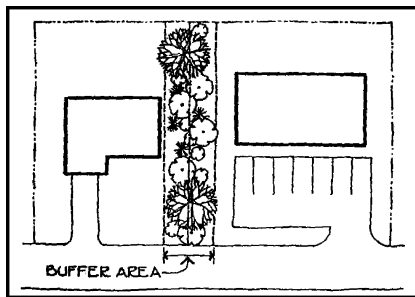
Block: A tract of land bounded by street or by a combination of streets and public parks, cemeteries, railroad rights-of-way, drainageways, or unsubdivided land.

Boarding, Lodging or Rooming House: An establishment with lodging for not less than five persons nor more than 10 persons not including members of the owner-occupant or tenant-occupant family, other than a hotel or motel, where lodging, with or without meals, is provided.

Bond: Any form of security (including a cash deposit, surety bond, collateral, property, or instrument of credit) in an amount and form satisfactory to the City.

Breezeway: A structure for the principal purpose of connecting the main building or buildings on a property with other main buildings or accessory buildings.

Buffer: A combination of physical space and vertical elements, such as plants, berms, fences or walls, designed to provide space or distance, obstruct undesirable views, serve as an acoustic barrier, generally reduce impacts of adjacent development, or separate and screen incompatible land uses from each other.



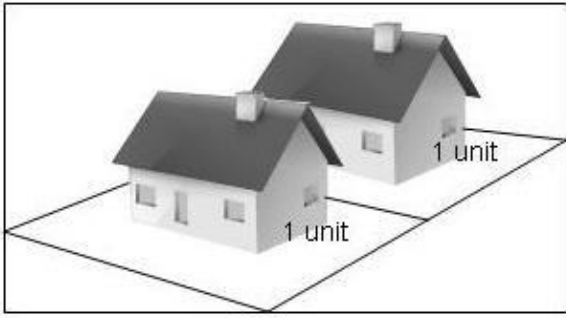
Buffer Example

Building: Any structure used or intended for support, shelter or enclosure of any persons, animals, goods, equipment or chattels and property of any kind. If within an Area of Special Flood Hazard then the definition of “Structure” provided in Chapter 17.10 shall apply.

Building Types:

A. Nonresidential: That group of building types comprising the following:

- 1. Detached:** A single main building, freestanding and structurally separated from other buildings.



- 2. Attached:** Two or more main buildings placed side by side so that some structural parts are touching one another.

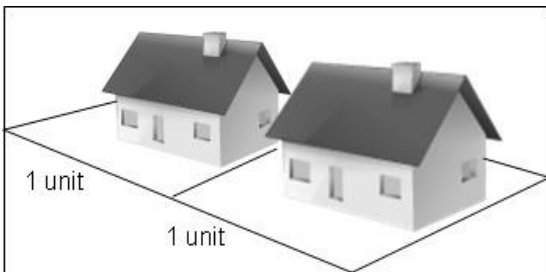


B. Residential: That group of building types comprising the following:

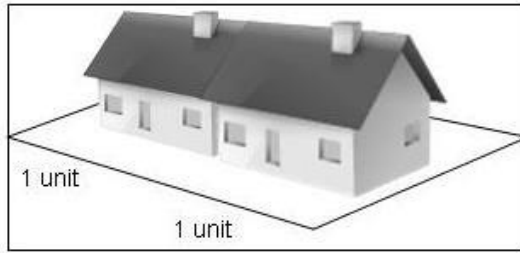
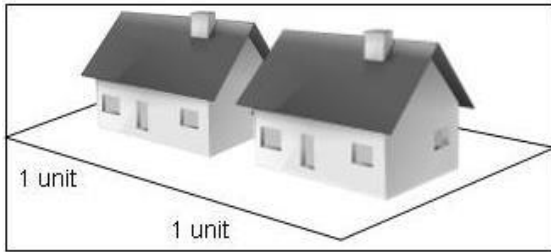
- 1. Single Detached:** One dwelling unit, freestanding and structurally separated from any other dwelling unit or buildings, located on a lot or development site, including manufactured homes as defined in this chapter.



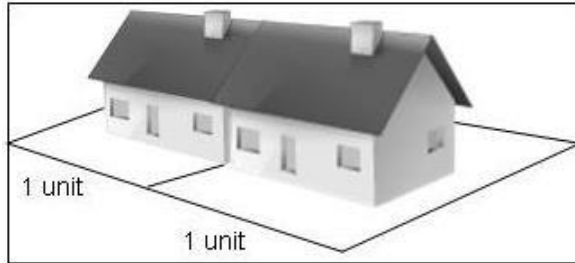
- 2. Single Detached (Zero Lot Line):** A single detached structure with no setback from one lot line.



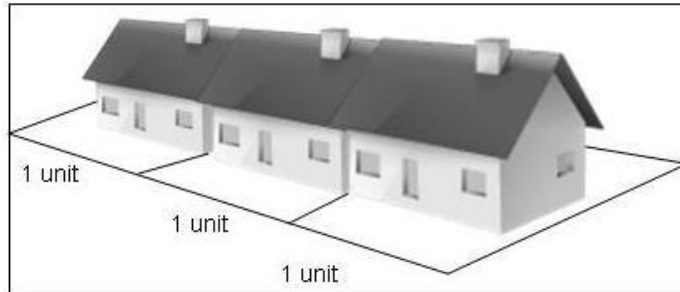
- 3. Duplex:** A dwelling containing two independent dwelling units.



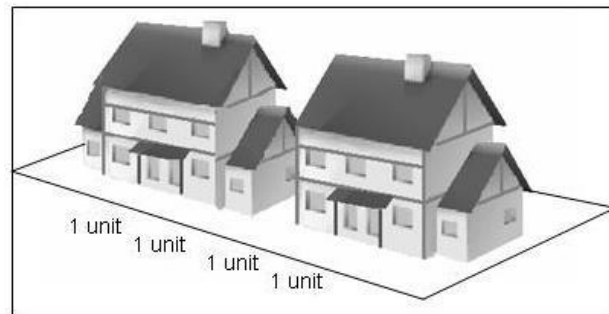
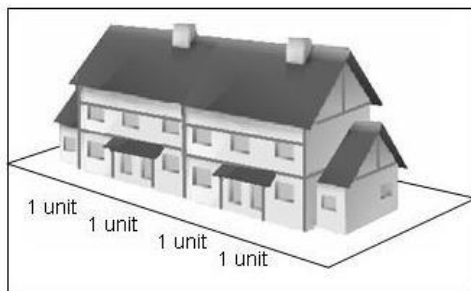
- 4. Single Attached (Zero Lot Line):** Two dwelling units located on separate lots but attached side by side sharing some structural parts at a common property line with no setback from one lot line.



- 5. Attached (Row House):** More than 2 dwelling units located on separate lots placed side by side but sharing some structural parts at a common property line.



- 6. Multi-Family Dwelling:** At least 3 dwelling units in any vertical or horizontal arrangement, located on a lot or development site. An existing dwelling may be utilized as part of a multi-family dwelling when redevelopment of the site occurs and does not have to be attached to another structure.



- 7. Manufactured Dwelling Park:** A place where four or more manufactured or mobile homes are located within 500 feet of one another on a lot, tract, or parcel of land under the same ownership, the primary purpose of which is to rent or keep space for rent or to offer space free in connection with securing the trade or patronage of such person.

C. The following commonly used terms are **not** considered building types for purposes of this Code.

1. **Cluster:** An arrangement of building types designed to retain open space areas equal to or greater than the cumulative total open space areas normally required and maintaining the permitted gross density of a site.
2. **Condominium:** A form of ownership where the owner has a deed to a volume of space, and is governed by the provisions of ORS Chapter 100.

Building Envelope: That portion of a lot or development site exclusive of the areas required for front, side, and rear yards and other required open spaces; and which is available for siting and constructing a building or buildings.

Building Height: See Height of Buildings definition.

Building Line: A line on a plat indicating the limit beyond which buildings or structures may not be erected, or the minimum or maximum distance as prescribed by this Code between the property line abutting a street and the closest point of the foundation of any building or structure related thereto. Building line means a line established by this title to govern the placement of a building with respect to the front lot line through the setback requirements of a minimum front yard. A building line is ordinarily parallel to the front lot line and at a distance in accordance with the setback requirement.

Bulk Plant: An establishment where commodities, including both liquids and solids, are received by pipelines, tank car, tank vehicle, or other container, and are stored or blended in bulk for the purpose of distribution by pipeline, tank car, tank vehicle or container.

Carport: A stationary-roofed structure or a portion of a building open on two or more sides primarily used for the parking of motor vehicles.

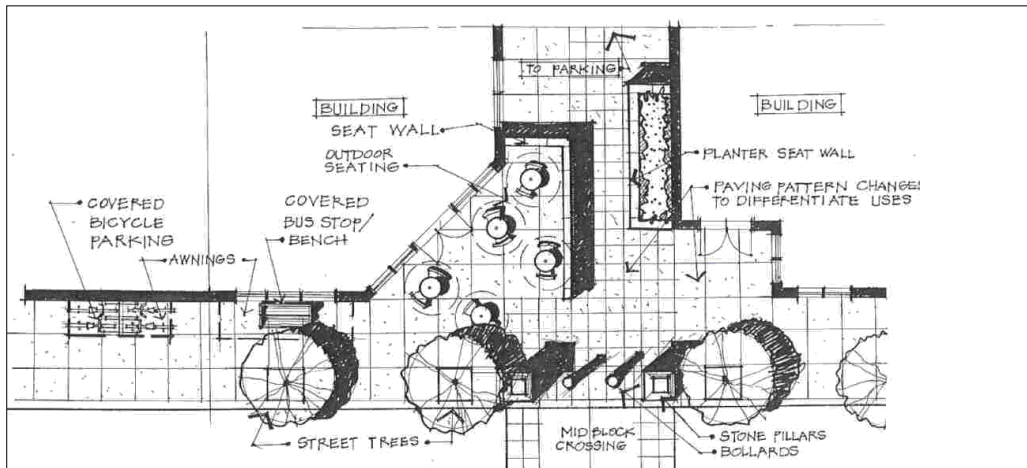
Cemetery: Land used or intended to be used for the burial of the dead and related cemetery activities, including: columbarium, crematoriums, mausoleums, and mortuaries, when operated in conjunction with and within the boundary of such cemetery.

Change of Zone: The legislative act of rezoning one or more lots or parcels

Church: An institution that people regularly attend to participate in or hold religious services, meetings and other activities.

City: The City of Sandy, a municipal corporation of the State of Oregon, where the provision involves a duty owed the City in either its governmental or its corporate capacity; otherwise, that officer, department, or agency of the City indicated by the context, or where the context does not clearly indicate a specific officer, department, or agency, then the City Manager of the City.

Civic Space: A public or quasi-public gathering space, such as a plaza, square, outdoor seating area, bus waiting area, garden, fountain, sculpture or public art display, or similar space, oriented to pedestrians and connecting one or more developments to the adjacent streetscape.



Civic Space Example

Clinic: A building or portion of a building designed and used for the diagnosis and treatment of human patients that does not include overnight care facilities, including medical, dental and psychiatric services.

Commercial Day Care Facility: Any business other than a family day care home providing adult supervision for children or adolescents.

Commission: The Planning Commission.

Common Open Space: An area within a development designed and intended for the use or enjoyment of all residents of the development or for the use and enjoyment of the public in general.

Comprehensive Plan: The comprehensive development plan for the City of Sandy, comprising plans, maps or reports, or any combination thereof relating to the future economic and physical growth and development or redevelopment of the city.

Community Service Use: A community use, including but not limited to, schools, churches, community centers, fire stations, libraries, parks and playgrounds, cemeteries, or government buildings.

Concrete Form: A method of concrete construction where members are cast horizontally near their eventual location and integrate textures or patterns replicating other materials.

Conditional Use: A use that would not be generally appropriate within a zoning district but which, if controlled as to number, area, location, or relation to the neighborhood, would not be detrimental to the public health, safety, or general welfare.

Condominium: A form of ownership where the owner has a deed to a volume of space, and is governed by the provisions of ORS Chapter 100.

Congregate Housing: A structure containing two or more dwelling units or rooming units limited in occupancy to persons 55 years or older or handicapped persons, their spouses, except for rooms or units occupied by resident staff personnel, providing indoor, conveniently located,

shared food preparation service, dining areas, and common recreation, social and service facilities for the exclusive use of all residents.

Conservation Easement: An easement granting a right or interest in real property that is appropriate to retaining land or water areas predominately in their natural, scenic, open or wooded condition; retaining such areas as suitable habitat for fish, plants, or wildlife; or maintaining existing land uses.

Consolidation: The elimination of a property line or lines of unplatted land to create a single unit of land where more than one unit previously existed.

Contiguous: The same as abutting.

Cooperative: A group or association which has taken a deed or lease to property and which issues stock upon which the tenant's rights to proprietary leases are based. The stock, or other evidence of interest in the cooperative corporation or association, shall be purchased by persons who are tenants in the occupancy of at least 80% of the accommodations in the structure and are entitled by reason of such ownership to proprietary leases of such accommodations.

Critical Facilities (floodway): Hospitals, fire stations, police stations, storage of critical records, and similar facilities.

Cross-gable: Where one gable-ending roof intersects another gable-ending roof. (See graphic below.)



Gables (cross-gables) Example

Curtain windows (flush glazing): Preassembled wall units or continuous window glazing providing a flush surface; windows may be separated by metal framing members which may be set entirely behind the glass panes or units. This type of glazing does not allow for the division of windows into small panes with trim.

Day Care Facility: A child care facility certified to care for thirteen or more children, or a facility that is certified to care for twelve or fewer children and located in a building constructed other than a single family dwelling. Also known as a “Certified Child Care Center” as defined in OAR 414, Division 300.

Day Care, Family: Baby-sitting, care of 12 or fewer children, including resident family members, as accessory to any residential use regardless of full-time or part-time status. Family day care is subject to the definition of home business.

Day(s): Shall mean calendar days unless working days are specified.

Density, Gross: The number of residential dwelling units per gross acre of land

Density, Net: The number of dwelling units per net acre (based on the total area of the parcel) excluding areas dedicated for public use.

Density Transfer Receiving Areas: Unconstrained buildable land on the same site as land that is partially covered by the FSH overlay zone. Density may be transferred from constrained and unbuildable land to buildable density transfer receiving areas as prescribed in Chapter 17.60.120.

Detached: A single main building, freestanding and structurally separated from other buildings.

Detention, Stormwater: The release of surface and stormwater runoff from a site at a slower rate than it is collected by the drainage facility system, the difference being held in temporary storage.

Detention Facility, Stormwater: A facility that collects water from developed areas and releases it at a slower rate than it enters the collection systems.

Developer: The owners of property or their agents or contractors, or their successors or assigns, who have undertaken or are proposing development.

Development Site: A legally established lot or parcel of land occupied or capable of being occupied by a building or group of buildings including accessory structure(s) and accessory use(s), together with such yards or open spaces, and setback areas as are required by this Code and having frontage upon a street.

Development: Any human-made change to improved or unimproved real estate, including but not limited to, construction of buildings or other structures, mining, dredging, filling, grading, compaction, paving, excavation or drilling operations, storage of equipment or materials, stream alteration or channeling, vegetation removal or other similar activities.

Director: Planning and Development Director of the City of Sandy, or the Director's official designee, with responsibility for administration of this Code.

District: A land use area or zone established by this title for the designated intent.

Drainageway: A natural or artificial watercourse, including adjacent riparian vegetation, that has the specific function of transmitting natural stream water or storm runoff water from a point of higher elevation to a point of lower elevation.

Drip line (of a tree): A line projected to the ground delineating the outermost extent of foliage in all directions.

Drive-in Facility: Any portion of a building or structure from which business is transacted, or is capable of being transacted, directly with customers located in a motor vehicle.

Dwelling Unit: An independent living unit within a dwelling structure designed and intended for occupancy by not more than one family and having its own housekeeping and kitchen facilities. Hotel, motel, and rooming and boarding units, which are used primarily for transient tenancy, shall not be considered as dwelling units.

Easement: A right that a person has to use someone’s land for a specific purpose such as for access or for utilities.

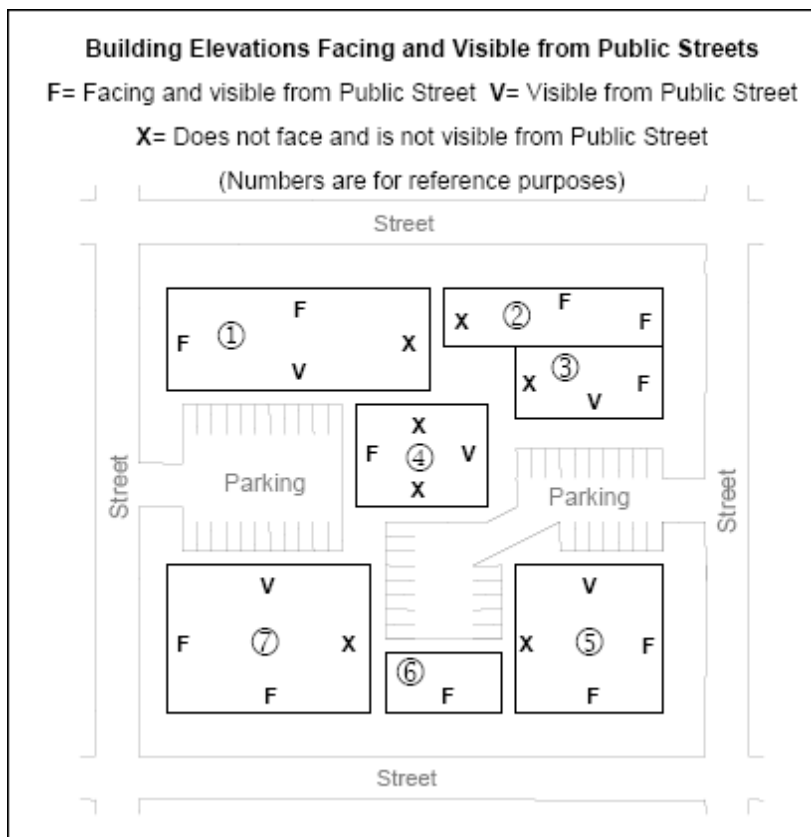
Effects of Buoyancy: Uplift force of water on a submerged or partially submerged object.

Erosion: Detachment and movement of soil, rock fragments, refuse, or any other material, organic or inorganic.

Established Grade: The curb line grade established by the City.

Excavation: The process of altering the natural (grade) elevation by cutting and/or filling the earth or any activity by which soil or rock is cut, dug, quarried, uncovered, removed, displaced or relocated.

Facing (Building Elevation): A building elevation that is typically parallel and adjacent to a public street or civic space.



Facing and visible from a Public Street example

Family: Any number of individuals living together in a dwelling unit related by blood, marriage, legal adoption or guardianship; or a group of not more than 5 persons all or part of whom are not so related by blood or marriage living together as a single housekeeping unit in a dwelling unit.

Fast-Food Restaurant – This type of restaurant is characterized by a large carryout clientele and high turnover rates for eat-in customers. These limited service eating establishments do not provide table service.

Fence: Any artificially constructed barrier of any material or combination of materials erected to enclose or screen areas of land, serve as a boundary, or means of protection or confinement.

Fence, Sight-obscuring: A fence or evergreen planting of such density and so arranged as to obstruct vision.

Fill: Placement of any soil, sand, gravel, clay, mud, debris, refuse, or any other material, organic or inorganic.

Finished Grade (ground level): The average of finished ground levels at the center of all walls of the building unless otherwise specified.

Flag Lot: A lot that has access to a public right-of-way by means of a narrow strip of land.



Flag Lot Example

Flood or Flooding: (A) A general and temporary condition of partial or complete inundation of normally dry land areas from:

- (1) The overflow of inland or tidal waters.
- (2) The unusual and rapid accumulation of runoff of surface waters from any source.
- (3) Mudslides (i.e., mudflows) which are proximately caused by flooding as defined in paragraph (a)(2) of this definition and are akin to a river of liquid and flowing mud on the surfaces of normally dry land areas, as when earth is carried by a current of water and deposited along the path of the current.

(B) The collapse or subsidence of land along the shore of a lake or other body of water as a result of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical levels or suddenly caused by an unusually high water level in a natural body of water, accompanied by a severe storm, or by an unanticipated force of nature, such as flash flood, or by some similarly unusual and unforeseeable event which results in flooding as defined in paragraph (a)(1) of this definition.

Flood Insurance Rate Map (FIRM): The official map of a community, on which the Federal Insurance Administrator has delineated both the special flood hazard areas and the risk premium zones applicable to the community. A FIRM that has been made available digitally is called a Digital Flood Insurance Rate Map (DFIRM).

Flood Insurance Study: An examination, evaluation and determination of flood hazards and, if appropriate, corresponding water surface elevations, or an examination, evaluation and determination of mudslide (i.e., mudflow) and/or flood-related erosion hazards.

Floodplain or Flood-Prone Area: Any land area susceptible to being inundated by water from any source. See “Flood or Flooding.” The lowland and relatively flat areas adjoining inland waters including, at a minimum, that area identified as the Area of Special Flood Hazard.

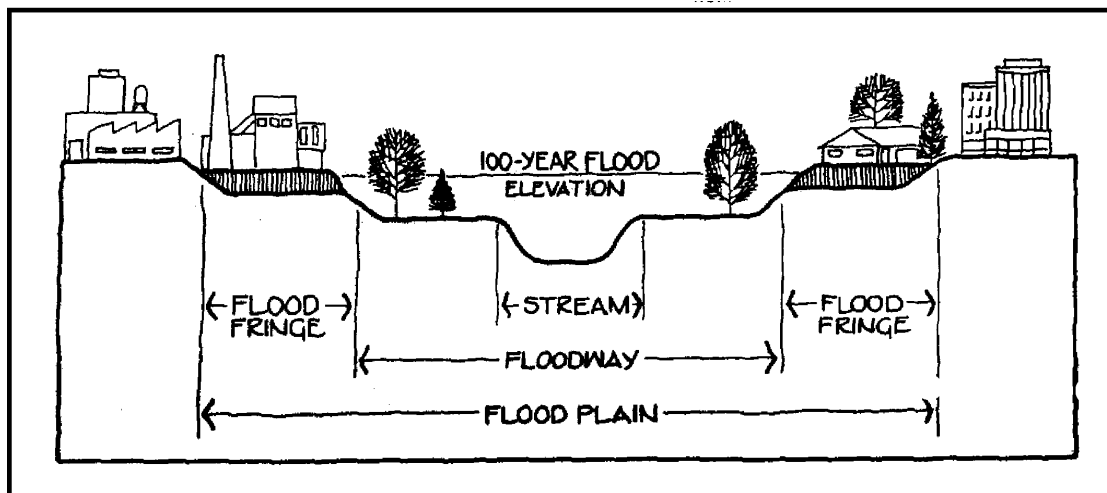
Flood-proofing: Any combination of structural and non-structural additions, changes, or adjustments to structures which reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and their contents.

Flood, Slope and Hazard Areas (FSH):

- **Buildable Areas:** Accessible lands of less than 25% slope that lie outside steep slope and water quality setback areas as defined in Chapter 17.60, Flood and Slope Hazard (FSH).
- **Restricted Development Areas:** As shown on the City of Sandy Zoning Map including:
 1. Slopes of 25% or greater that (a) encompass at least 1,000 square feet and (b) have an elevation differential of at least 10 feet.
 2. Protected water features, including locally significant wetlands, wetland mitigation areas approved by the Division of State Lands, and perennial streams.
 3. Required setback areas as defined in section 17.60.30.

Floodway (Regulatory Floodway): The channel of a river or other water course and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height.

Floodway: The channel of a river or stream and those portions of the adjoining floodplains required to carry and discharge the base flood flow.



Floodway Example

Floor Area: The sum of the area of several floors of a building including areas used for human occupancy. It does not include cellars, unenclosed porches, or attics not designed for human occupancy, or any floor space in any accessory building or any interior building parking areas, exclusive of vent shafts.

Floor, Habitable: A floor usable for living purposes, which includes working, sleeping, eating, cooking or recreation, or a combination of the above. A floor used only for storage or parking is not a “habitable floor.”

Foster Home, Adult: Any family home or facility in which residential care is provided for 5 or fewer adults who are not related to the provider by blood or marriage.

Frontage: That portion of a development site that abuts a public or private street. For the purposes of determining yard requirements on corner lots, all sides of a lot adjacent to a street shall be considered frontage, and yards shall be provided as indicated under “yards” in the definition section.

Flood and Slope Hazard (FSH) Overlay District: An overlay zoning district defining water quality, flood, and slope hazard areas within the City identified on the City of Sandy Zoning Map.

Gabled roof: The generally triangular portion of a wall between the lines of a sloping roof. The shape of the gable and how it is detailed depends on the structural system being used (which is often related to climate and materials) and aesthetic concerns. The City of Sandy requires minimum roof pitch on some buildings which supports the use of gables.

Garage, Private: A portion of a main building or an accessory building, shelter or carport used for the parking or temporary storage of private automobiles, trailers, mobile homes, boats or other vehicles owned or used by occupants of the main building.

Garage, Public: A building designed and used for the storage, care, or repair of motor vehicles, including both minor and major mechanical overhauling, paint, and body work or where such vehicles are parked or stored for compensation, hire or sale.

Grade: Given in reference to the slope of land or in reference to construction: is the lowest point of elevation of the finished surface of the ground, paving or sidewalk within the area between the building and the property line, or, when the property line is more than 5 feet from the building, between the building and a line 5 feet from the building.

Gross Area: The total usable area including accessory space dedicated to such things as streets, easements and uses out of character with the principal use, but within a unit of area being measured.

Ground floor: The floor of a building that is at or nearest the ground level.

Ground floor elevation: The elevation of a building that is at or nearest the ground level measured from the ground to a point 12-feet above the ground. (This definition is used to measure the ground floor area subject to window requirements in Chapter 17.90).

Group Care Home: A home or residential institution maintained and operated for the supervision, care or training of physically, mentally, or socially handicapped persons, but not including foster homes or detention facilities.

Grove: A stand of three or more trees of the same species or mix, which form a visual and biological unit.

Guest House: An accessory, detached dwelling without kitchen facilities, designed for and used to house transient visitors or guests of the occupants of the main building without compensation.

Half-story: A space under a sloping roof which has the line of intersection of roof decking and exterior wall face not more than 5 feet above the top floor level. A half-story containing one or more dwelling units shall be counted as a full story.

Half-Street improvement: A $\frac{1}{2}$ street improvement includes curb and pavement 2 feet beyond the centerline of the right-of-way. A $\frac{3}{4}$ street improvement includes curbs on both sides of the street and full pavement between curb faces.

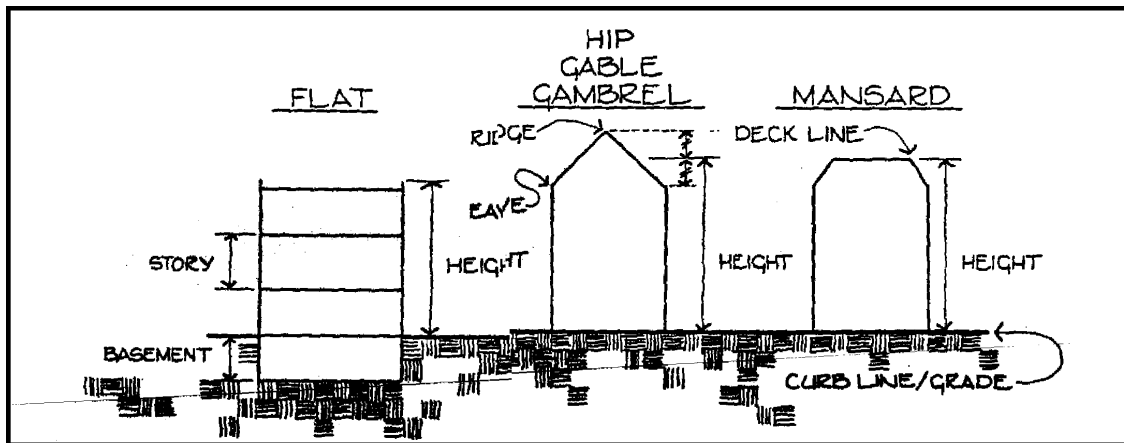
Health/Recreation Facility: An indoor facility including uses such as game courts, exercise equipment, locker rooms, Jacuzzi, and/or sauna and pro shop.

Hearing Authority: The City Council, Planning Commission or an agency or officer of the Council designated by this Code to conduct public hearings prior to acting on applications for development.

Heavy timber: Exposed timber framing or detailing consisting of larger wooden members, commonly with dimensions in the range of 6" to 12", as opposed to common wood framing which uses many more timbers with dimensions usually in the 2" to 10" range. The methods of fastening the frame members also differ; in conventional framing the members are joined using nails or other mechanical fasteners while timber framing uses mortice and tenon (wood joint) or metal fasteners.

Height of Buildings: The vertical distance above a reference datum measured to the highest point of the coping of a flat roof or to the deck line of a mansard roof or to the average height of the highest gable of a pitched or hipped roof. The reference datum shall be selected by either of the following, whichever yields a greater height of building:

- A. The elevation of the highest adjoining sidewalk or ground surface within a 5-foot horizontal distance of the exterior wall of the building when such sidewalk or ground surface is not more than 10 feet above lowest grade.
- B. An elevation 10 feet higher than the lowest grade when the sidewalk or ground surface described in Item "A" above is more than 10 feet above lowest grade.

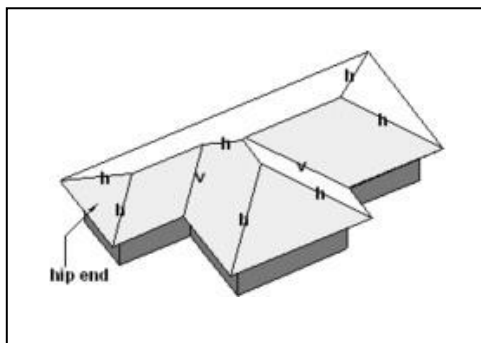


Determining Building Height Example

High-Turnover Sit Down Restaurant – This type of restaurant consists of a sit-down, full-service eating establishment with turnover rates of approximately one hour or less. This type of restaurant is usually moderately priced and frequently belongs to a restaurant chain. This restaurant type is different than fast-food and quality restaurants as defined in the Institute of Transportation Engineers, Trip Generation manual.

Highest Adjacent Grade: The highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure.

Hipped roof. A type of roof where all sides slope downwards to the walls, usually with a fairly gentle slope. Thus it is a roof with no gables or other vertical sides to the roof. A square hip roof is shaped like a pyramid. Hip roofs on rectangular houses will have two triangular sides and two trapezoidal ones. Hip roofs often have dormers. Where two hipped (“h”) roof forms adjoin, the edge is called a valley (“v”). See graphic.



Hipped Roof Example

Historic Resource Alteration: Historic resource alteration means the change, addition, removal, physical modification or repair, which affects the exterior appearance of a landmark, excluding, however, routine maintenance and painting.

Historic Resource Alteration, Major: Means exterior alteration, which is not a minor alteration.

Historic Resource Alteration, Minor: Means exterior alteration which does not change the appearance or material of the landmark or contributing resource as it exists, or duplicates or

restores the affected exterior features and material as determined from historic photos, building plan or other evidence or original features or material.

Historic Structure (Area of Special Flood Hazard): Any structure that is:

- A. Listed individually in the National Register of Historic Places (a listing maintained by the Department of Interior) or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;
- B. Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district;
- C. Individually listed on a state inventory of historic places in states with historic preservation programs which have been approved by the Secretary of Interior; or
- D. Individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified either:
 1. By an approved state program as determined by the Secretary of the Interior or
 2. Directly by the Secretary of the Interior in states without approved programs.

Home Business: A lawful commercial activity commonly carried on within a dwelling or attached or detached accessory structure.

Homeowners Association: An incorporated, nonprofit organization operating under recorded land agreements through which a) each lot owner of a planned development or other described land area is automatically a member; and b) subject to a charge for a proportionate share of the expenses for the organization's activities, such as maintaining a common property.

Hospital: An establishment, which provides sleeping and eating facilities to persons receiving medical, obstetrical or surgical care and nursing service.

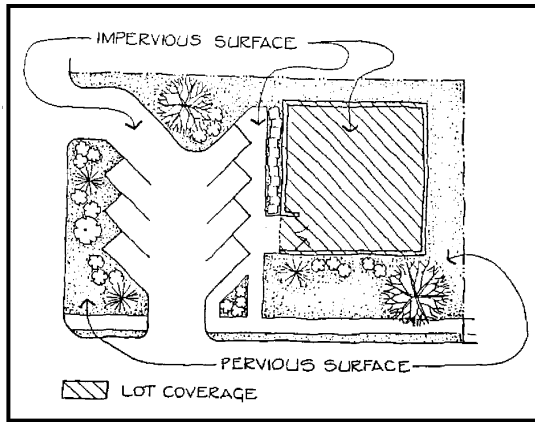
Hotel: A facility offering transient lodging accommodations at a daily rate to the general public. A hotel may provide additional services, such as restaurants, meeting rooms, and recreational facilities.

Household: A domestic establishment including a member or members of a family and/or others living under the same roof.

Hydrodynamic Load: Force of water in motion.

Hydrostatic Load: Force of water at rest.

Impervious Surface: Any material that substantially reduces or prevents the infiltration of stormwater into previously undeveloped land. Impervious area shall include graveled driveways and parking areas.



Impervious Surface Example

Irrigation System: Method of supplying water (which can be manually or mechanically controlled) to a needed area.

Junkyard: An area used for the dismantling, storage or handling in any manner of junked vehicles or other machinery, or for the purpose of storage of dismantled material, junk and scrap, and/or where wastes and used or secondhand materials are bought, sold, exchanged, stored, processed, or handled. Materials include, but are not limited to, scrap iron and other metals, paper, rags, rubber tires, and bottles, if such activity is not incidental to the principal use of the same lot.

Kennel: Any premises or building in which four or more dogs or cats at least four months of age are kept commercially for board, propagation or sale.

Kitchen: Any room used, intended or designed for preparation and storage of food, including any room having a sink and provision for a range or stove.

Land Area, Net: That land area remaining after all area covered by impervious surfaces has been excluded (subtracted).

Land Division: Land divided to create legally separate parcels in one of the following ways:

- A. Partition:** A division of land that creates three or fewer lots within a calendar year when such parcel exists as a unit or contiguous units of land under single ownership at the beginning of the year. See also, "Replat, Minor."

A partition does not include division of land resulting from any of the following:

1. Establishment or modifications of a "tax lot" by the County Assessor;
2. A lien foreclosure, foreclosure of a recorded contract for the sale of real property or creation of cemetery lots;
3. An adjustment of a property line by relocation of a common boundary where an additional unit of land is not created and where the existing unit of land reduced in size by the adjustment complies with any applicable development district criteria established by this Code;
4. Sale or grant by a person to a public agency or public body for state highway, county road, city street or other right-of-way purposes provided that such road or

right-of-way complies with the applicable Comprehensive Plan policies and ORS 215.213 (2)(q)-(s) and 215.283 (2)(p)-(r). See “Property Line Adjustment.”

B. Subdivision: Division of an area or tract of land into four or more lots within a calendar year when such area or tract of land exists as a unit or contiguous units of land under a single ownership at the beginning of such year. See also, “Replat, Major.”

Land, Intensity of: Relative measure of development impact as defined by characteristics such as the number of dwelling units per acre, amount of traffic generated, and amount of site coverage.

Land, Parcel of: Any quantity of land capable of being described with such definiteness that its location and boundaries may be established. Also, a unit of land created by a partition.

Landscape Management Corridor: The required yards abutting Highway 26 within the C-2, I-I and I-2 zoning districts where the Development Code requires native conifer and deciduous landscaping, creating the appearance of a forested corridor; openings or breaks in the landscape corridor are minimized, allowing for transportation access and framed views into development sites.

Landscaping: The arrangement of trees, grass, bushes, shrubs, flowers, gardens, fountains, patios, decks, outdoor furniture, and paving materials in a yard space. It does not include the placing or installation of artificial plant materials.

Legislative Decision: Involves formulation of policy and as such, it is characteristic of the actions by a city council. *Ex-parte* contact requirements are not applicable to legislative hearings. Personal notice to citizens advising them of proposed changes is not required in most cases, although the Sandy Development Code specifies that in some cases notice shall be mailed to property owners if a decision will change the land-use designation. In general, the burden of being informed rests on the citizen. (See definition for “Limited Land Use Decision” and “Quasi-judicial Decision.”)

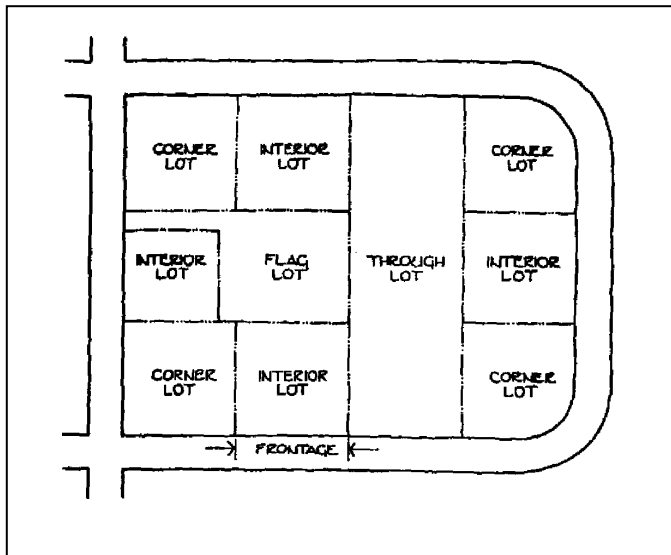
Lien Foreclosure: A lien foreclosure, foreclosure of a recorded contract for the sale of real property or creation of cemetery lots.

Limited Land Use Decision: A land use decision made by staff through an administrative process and that qualifies as a Limited Land Use Decision under ORS 197.015.

Loading Space: An off-street space within a building or on the same lot with a building for the temporary parking of commercial vehicles or trucks while loading or unloading merchandise or materials and which space has direct access to a street.

Lot Area: The total horizontal area within the lot lines of a lot.

Lot, Corner: A lot situated at the intersection of 2 streets, the interior angle of such intersection not exceeding 135 degrees.



Lot Corner Example

Lot Coverage: Unless otherwise noted in a zoning district, percent of a development site covered, including all gravel and paved surface areas and areas encompassed by buildings.

Lot Depth: The distance from the midpoint of the front lot line to the midpoint of the rear lot line.

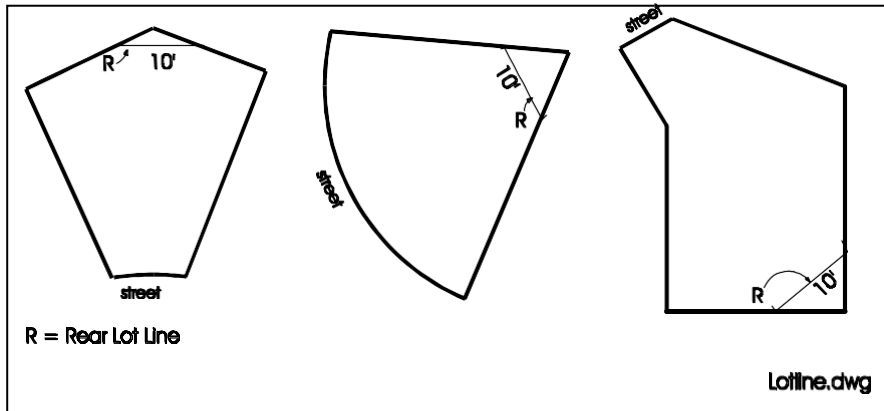
Lot, Interior: A lot other than a corner lot having frontage on only one street.

Lot Line: The property line bounding a lot.

Lot Line, Front: In the case of an interior lot, a property line that abuts the street. In the case of a corner lot, the front line shall be determined by orientation of the structure based on at least two of the following factors: location of the front door, location of the driveway, or legal street address.

Lot Line, Side: Any lot boundary not a front or rear lot line (see figure under “Lot Line, Rear”).

Lot Line, Rear: The recorded lot line or lines most distant from and generally opposite the front lot line. In the case of an interior triangular lot or lot with more than four sides, however, the rear lot line shall mean a straight line 10 feet in length that: a) is parallel to the front lot line or its chord and, b) intersects the other lot lines at points most distant from the front line (see figure below).



Rear Lot Line Example

Lot of Record: A lot or parcel created through applicable land division regulations before adoption of this Code.

Lot, Reversed Corner: A corner lot whose rear line borders the side yard of another lot, whether or not separated by an alley.

Lot, Tax: One parcel of real property shown on the County Assessor’s map, and identified by a tax lot number. A tax lot may not necessarily be a lot of record.

Lot, Through: A lot of record whose front and rear lot lines both abut streets.

Lot Width: The horizontal distance between the midpoints of the side lot lines.

Lowest Floor: The lowest floor of the lowest enclosed area (including a “Basement”). An unfinished or flood resistant enclosure, usable solely for parking of vehicles, building access or storage in an area other than a basement area is not considered a building’s lowest floor if the building falls within the “Area of Special Flood Hazard,” provided that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirements of this ordinance.

Mansard roof: A style of hip roof characterized by two slopes on each of its four sides with the lower slope being much steeper, almost a vertical wall, while the upper slope, usually not visible from the ground, is pitched at the minimum needed to shed water. This form may accommodate an additional building story. Often the decorative potential of the Mansard is expressed through the use of convex or concave curvature and with elaborate dormer window surrounds.



Mansard Roof Example

Manufactured Dwelling Park (also Mobile Home Park or Trailer Park): A parcel (or contiguous parcels) of land with two or more manufactured dwelling lots for rent or sale. A parcel under single ownership that has been planned and improved for the placement of manufactured housing for dwelling purposes. Manufactured home park means a privately owned place where four or more manufactured homes, mobile homes, or any combination of the above, used for human occupancy are placed on a lot, tract of parcel of land under the same ownership.

Manufactured Dwelling: A dwelling constructed to U.S. Department of Housing and Urban Development (HUD) standards since June 15, 1976, but not to State Building Code standard and constructed for movement on public highways that has sleeping, cooking and plumbing facilities, that is intended for human occupancy, that is used for residential purposes and was constructed, and met the requirements of federal manufactured housing construction and safety standards and regulations in effect at the time of construction. All manufactured homes are to meet the requirements of the National Manufactured Home Construction and Safety Standards Act of 1974, as amended on August 22, 1981, consistent with HB 2863 Oregon Laws, 1989, and current Department of Housing and Urban Development (HUD) Manufactured Home Construction and Safety Standards as embodied in the most recent Federal Register. Within a “Special Flood Hazard Area” a manufactured dwelling shall mean a structure, transportable in one or more sections, which is built on a permanent chassis and is designed for use with or without a permanent foundation when attached to the required utilities. The term “manufactured dwelling” does not include a “recreational vehicle.”

Manufactured Dwelling Space: Any portion of a manufactured dwelling park (See “Manufactured Dwelling Park”) which is designated or used for occupancy of one manufactured home or mobile home, including its accessory structures and its outdoor living areas, but exclusive of space provided for the common use of tenants such as roadways and guest parking.

Manufactured Dwelling Stand: That portion of the manufactured home space reserved for the location of the manufactured home or mobile home.

Marijuana Dispensary: Those facilities registered and/or licensed by the state of Oregon as medical marijuana dispensaries and marijuana retailers.

Mean Sea Level: For purposes of the National Flood Insurance Program, the National Geodetic Vertical Datum (NGVD) of 1929 or other datum, to which Base Flood Elevations shown on a community’s Flood Insurance Rate Map are referenced.

Medical Facility: A building or portion of a building designed and used for the diagnosis and treatment of human patients or animals including clinic, hospital, and laboratory, but excluding medical marijuana facility, as authorized by state law.

Medical Marijuana Grow Site: Those facilities defined, registered and/or licensed by Oregon Health Authority to grow medical marijuana for more than one registered medical marijuana cardholder.

Mini-storage Facility: A building or buildings consisting of individual, small, self-contained units that are leased or owned for the storage of business and household goods or contractors supplies.

Mobile Home: A residential structure intended for permanent human occupancy and constructed for movement on the public highways, constructed prior to adoption of June 15, 1976 U.S. Housing and Urban Development (HUD) standards, but meeting the requirements of Oregon's mobile home laws in effect between January 1, 1962 and June 15, 1976 which met the construction requirements of Oregon Mobile Home Law in effect at the time of construction and which exhibits an Oregon Department of Commerce Insignia of Compliance that indicates conformance with U.S. Department of Housing and Urban Development, HUD, standards.

Modular Structure: A structure not built on-site, but which is placed on a permanent foundation and meets the State Building Code standards.

Motel: A building or group of buildings on the same lot designed or used primarily for providing sleeping accommodations for automobile travelers and providing automobile parking conveniently located on the premises.

National Geodetic Vertical Datum: An elevation reference mark used in determining a flood boundary and floodway maps, formerly referred to as Mean Sea Level.

New Construction (Area of Special Flood Hazard): For the purposes of determining insurance rates, structures for which the "start of construction" commenced on or after the effective date of an initial Flood Insurance Rate Map or after December 31, 1974, whichever is later, and includes any subsequent improvements to such structures. For floodplain management purposes, "new construction" means structures for which the "start of construction" commenced on or after the effective date of a floodplain management regulation adopted by a community and includes any subsequent improvements to such structures.

Nonconforming Development: A lawful existing structure or use that does not conform to requirements of the district, but which was already in existence on the effective date of this Code or any amendment to it became effective.

Notice of Decision: A written communication that specifies the action of a hearing authority or Director concerning a development proposal.

Nuisance: Activity or use that is annoying, unpleasant or obnoxious.

Nursing Home: Any home, place, or institution which operates and maintains facilities providing convalescent or nursing care, or both, for a period exceeding twenty-four hours for six or more ill or infirm patients not related to the nursing home administrator or owner.

Office: A place where the following civic and commercial uses are conducted: Administrative services; business support services; financial, insurance and real estate services; medical services; professional and research services.

On the Record: Refers to review by the Planning Commission or City Council based on written submissions received by the Director or at the hearing and/or review of a non-verbatim transcript of the prior proceedings and decision. If requested, the Planning Commission or City Council shall allow the applicant and/or appellant to present an oral summary of the evidence and Code sections that support their position. No new evidence shall be allowed. The Planning Commission or City Council may allow further oral comments of a summary nature.

Open Space, Group: Areas intended for common use either privately owned and maintained or dedicated to the City, designed for outdoor living and recreation or the retention of an area in its natural state. Group open spaces may include swimming pools, recreation courts, patios, open landscaped areas, and greenbelts with pedestrian, equestrian, and bicycle trails but do not include off-street parking, maneuvering or loading areas or driveways.

Open Space, Private: Areas intended for the private use by residents of an individual dwelling unit, designed for outdoor living and recreation or the retention of an area in its natural state. Private open spaces may include patios and landscaped areas but does not include off-street parking, maneuvering, loading or delivery areas.

Order: Final disposition of a case. It can be affirmative, negative, injunctive, or declaratory in form. The grant, denial, or grant with conditions of an application for development is an order.

Other Marijuana Facility: Those facilities defined, registered and/or licensed by the state of Oregon including marijuana processing sites, marijuana producers, marijuana processors, marijuana wholesalers, and marijuana testing laboratories.

Overlay District: A development district created by ordinance in recognition of an area's unique characteristics such as environmental or historic resources, natural hazards, or an identified need for redevelopment.

Overnight Lodging – A building or group of buildings designed and used primarily for overnight lodging. This definition includes hotels, motels, hostels, bed breakfast inns and similar uses.

Owner: The owner of record of real property as shown on the latest tax rolls of Clackamas County, or by the deed records of such county, or a person who is purchasing property under contract. In terms of violations and binding agreements between the city and owner, the owner shall also mean leaseholder, tenant, or other person in possession or control of the premises or property at the time of agreement or of violation of agreement or the provisions of this Code. Owner shall also mean authorized representative.

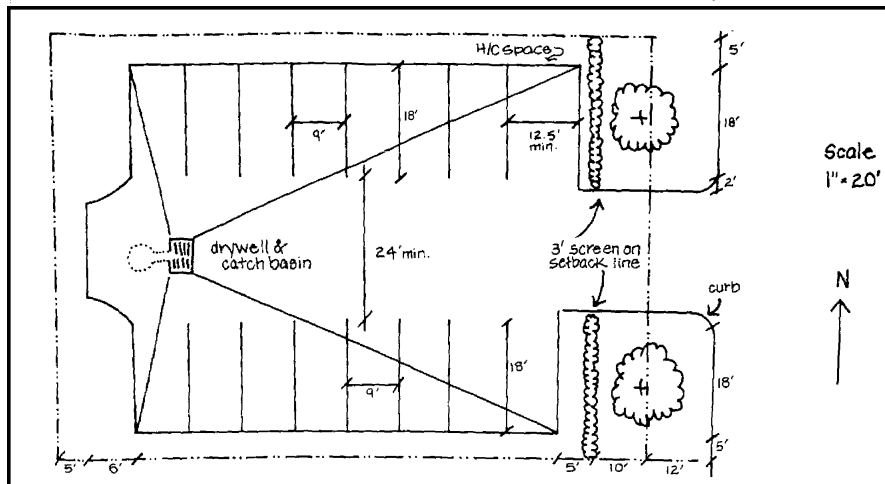
Parapet: An extended wall surrounding a roof, typically a decorative wall constructed of the same materials as the supporting wall. The parapet serves as building cap and may be stepped (Stepped Parapet) to provide visual relief (articulation) and a transition between buildings of dissimilar height.

Parking area, Private: A privately owned property, other than streets and alleys, on which parking spaces are defined, designated, or otherwise identified for use by the tenants, employees, or owners of the property for which the parking area is required by this title and not open for use by the general public.

Parking area, Public: An area permanently available, other than streets and alleys, on which parking spaces are defined, designated, or otherwise identified for use by the general public which is open for use by the general public, either free or for remuneration. Public parking areas may include parking lots, which may be required by this title for retail customers, patrons, and clients.

Parking Bay: Rows of parking separated by an aisle. A parking bay may be single-loaded (parking on one side only) or double-loaded (on both sides).

Parking Space: Parking space means an area permanently available for the parking of an automobile.



Typical Parking Area Example

Participant: A person or entity that submitted written or oral comments in compliance with the time lines set in the procedure type, or at the public hearing. Merely signing a petition does not constitute participation.

Pedestrian-scale: The placement, proportioning, and detailing of building and site design elements resulting in an environment that is comfortable and inviting to pedestrians. Examples of elements that are regulated with the intent of creating pedestrian scale include, but are not limited to: pedestrian ways, parking facilities, street furnishings, civic spaces, building entrances, building articulation, divisions between first and second building stories, weather protecting canopies or awnings, transparent storefront windows, fences, walls, and landscape screening and buffering.

Percent of Slope: The ratio of vertical distance to horizontal distance (rise divided by run times 100). For example, a 1:4 slope (one-foot rise over a four foot run times 100) is a 25% slope.

Pergola: A structure forming a shaded walk or passageway. Pillars support cross beams and a sturdy open lattice, upon which woody vines are typically trained. It may also be part of a building, as protection for an open terrace or civic space.



Pergola Example

Person: An individual, corporation, governmental agency, business trust, estate, trust, partnership, association, two or more people having a joint or common interest, or any other legal entity.

Planned Development: A land development project comprehensively planned as an entity via a unified site plan that permits flexibility in building siting, mixtures of building types and land uses, useable open spaces, and the preservation of significant natural features. Planned development means the proposed land development project as finally approved by the Planning Commission, and shall include a plat, all covenants, grants of easement, and other conditions relating to use, location and bulk of building, density of development, common open space and public facilities. The plan shall include such information as required by this zoning title.

Plat: Refers to a final subdivision plat, replat or partition plat.

Plat, Partition: A final map, diagram, drawing, replat, or other writing containing all the descriptions, locations, specifications, provisions and information concerning a partition.

Plat, Subdivision: A final map, diagram, drawing, replat, or other writing containing all the descriptions, locations, specifications, dedications, provisions, and information concerning a subdivision.

Portico: A porch leading to the entrance of a building, or extended as a colonnade, with a roof structure over a walkway, supported by columns or enclosed by walls.

Practicable: Capable of being effected, feasible.

Preschool: A facility providing care for children 36 months of age to school age that is primarily educational for four hours or less per day and where no preschool child is present at the facility for more than four hours per day.

Primary structure/store/building: The structure or building housing the largest use on a site, as determined by floor area, occupancy rating, trip generation, or similar criteria.

Professional Office: An office of a practitioner of an occupation or calling requiring the practice of an art or science through specialized knowledge based on a degree issued by an institution of higher learning.

Property Line Adjustment: The relocation of a common property boundary where an additional unit of land is not created and where an existing unit of land reduced in size by the adjustment complies with any applicable development district regulation.

Public Facility: Public facilities include, but are not limited to, sanitary sewer, water, storm drainage, street, communication, electrical and natural gas facilities necessary to support development. There are two types of public facilities:

- **Public Facility, Major:** Any public service improvement or structure developed by or for a public agency that is not defined as a minor public facility, including but not limited to electrical substations, sewer and water treatment plants, water reservoirs, trunk lines, regional stormwater detention facilities, new or expanded public buildings designed for human occupancy that increase traffic within a neighborhood, and active park improvements such as ball fields or restroom facilities.
- **Public Facility, Minor:** Minor utility structures (e.g., poles, lines, pipes); minor sewer, water and storm drainage structures and collection system improvements (e.g., pump stations, lines, maintenance holes, valves, hydrants, drains, on-site detention facilities); new or extended public streets (including lane additions); minor improvements to existing streets (e.g., overlays, catch basins, signs, control devices, widening, curbs, gutter, sidewalks); minor transit improvements (e.g., bus stops or shelters); passive park improvements (e.g., trails, benches, native plantings or picnic areas); and transportation improvements identified in the adopted Transportation System Plan.

Quasi-judicial Decision: Similar to a court proceeding where affected parties are afforded more procedural safeguards. The quasi-judicial process is characteristic of most meetings of the Planning Commission. Personal notice must be mailed to property owners and occupants living within a prescribed distance of the affected area. Unlike legislative decisions, Planning Commission members are expected to avoid outside discussion of the business at hand, and they must declare *ex parte* contacts. (See “Legislative Decision.”)

Recreational Vehicle: A vacation trailer or other vehicle or portable unit built on a single chassis, which is either self-propelled or towed or is carried by a motor vehicle and which is designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel or seasonal use.

Recreational Vehicle (Area of Special Flood Hazard): A vehicle which is:

- A. Built on a single chassis;
- B. 400 square feet or less when measured at the largest horizontal projection;
- C. Designed to be self-propelled or permanently towable by a light duty truck; and
- D. Designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

Recreational Vehicle Park: Any lot of land upon which two or more recreational vehicle sites are located, established, or maintained for occupancy for recreational vehicles of the general

public as temporary living quarters, for recreation or vacation purposes. An RV park is intended for use on a temporary basis by campers, vacationers, or travelers.

Remand: A remand shall be conducted in compliance with the procedure type issued by the decision maker upon its initial review of the application unless otherwise specified in the remand order.

Replat, Major: The reconfiguring of lots in a recorded subdivision plat that results in either the creation of 4 or more additional lots, deletion of 4 or more lots, or reconfiguring of 4 or more lots.

Replat, Minor: The reconfiguring of a portion of the lots in a recorded subdivision or partition plat that results in 3 or fewer lots being created, deletion of 3 or fewer lots, or reconfiguring of 3 or fewer lots.

Reserve Strip: A narrow strip of land overlaying a dedicated street reserved to the City for control of access until such time as additional right-of-way is accepted by the City for continuation or widening of the street.

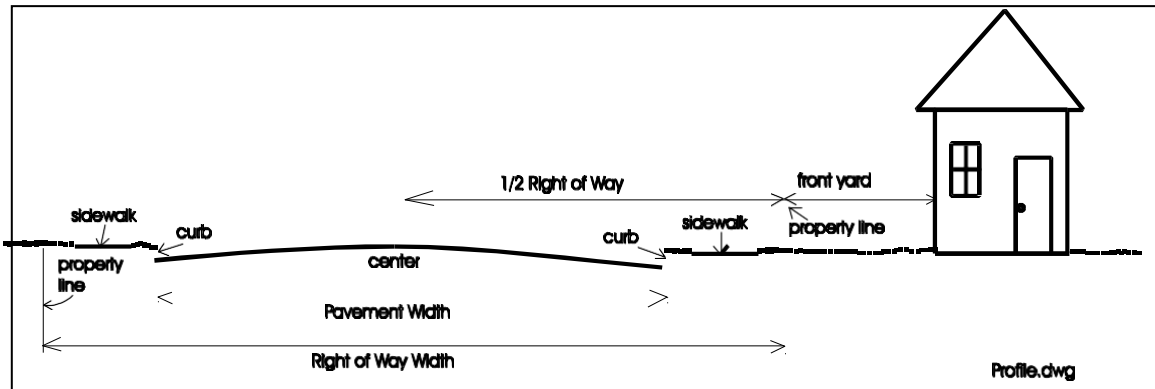
Residential Facility: A residential care facility, residential training facility, residential treatment facility, residential training facility, residential training home or residential treatment home licensed by or under the authority of the Department of Human Resources under ORS 443.000 to 443.825 which provides residential care alone or in conjunction with treatment or training or a combination thereof for five or fewer individuals who need not be related. Required staff persons shall not be counted in the number of residents and need not be related to each other, the residents or the facility owner or operator. This definition includes adult foster homes. All exclusions set forth in ORS 443.715 are excluded from this definition.

Restaurant, Drive-In: A retail outlet where food or beverages are sold to a substantial extent for consumption by customers in parked motor vehicles.

Restaurant, Fast Food: An establishment that offers quick food service of items already prepared and held for service, or prepared, fried, griddled quickly or heated in a device such as a microwave oven. Orders are not generally taken at the customer's table and food is generally served in disposable wrapping or containers.

Retention Facility: A facility to collect and hold stormwater runoff with no surface outflow.

Right-of-way: A public way dedicated for vehicular, bicycle or pedestrian use.



Right-of-way example

Riparian Area: The area adjacent to a river, lake, or stream, consisting of the area of transition from an aquatic ecosystem to a terrestrial ecosystem.

Row House: More than 2 units, often with 2 stories and with ground floor access, on individual lots.

Rusticated: A texture produced in ashlar (i.e., dressed stone work) masonry with deep cut 'V' or square joints to contrast with smooth masonry.



Rusticated stone work example

Sandy Style: An architectural style developed in the City of Sandy, Oregon that expresses elements of or reflects Cascadian Architecture by adapting appropriate elements of English Arts and Crafts Style (1900-1920) and Oregon Rustic Style (1915-1940) or similar elements.

School: A facility that provides a curriculum of elementary and secondary academic instruction, including kindergartens, elementary schools, junior high or middle schools, and high schools.

Sediment: Any material that is in suspension, is being transported, or has been moved from its site of origin by water, wind, or gravity as a result of erosion.

Senior Housing Complex: A housing development designed for or occupied solely of persons over the age of sixty years.

Service Building: A structure in a manufactured (mobile) home or recreational vehicle park containing laundry, restrooms or showers, intended to serve the needs of the residents of the park.

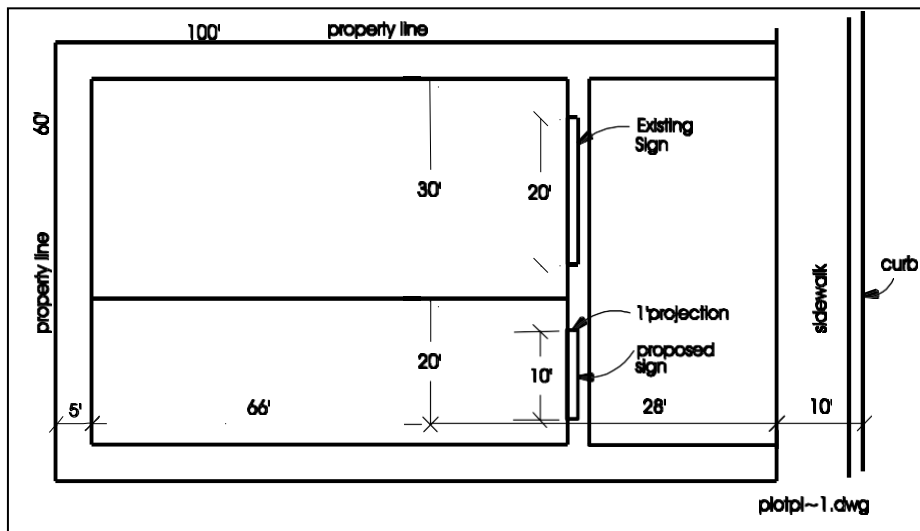
Setback: The minimum allowable horizontal distance from a given point or line of reference, which for purposes of this ordinance shall be the property line, to the nearest vertical wall of a building or structure, fence, or other elements as defined by this Code.

Shed dormer: Often used in gable-roofed structures, a shed dormer has a single-planed roof, pitched (sloping away from the structure) at a shallower angle than the main roof.

Shopping Center: A grouping of retail business and service uses on a single site with common parking facilities.

Sidewalk Café: An area adjacent to and directly in front of a street-level eating or drinking establishment located within the sidewalk area or pedestrian plaza area of the public right-of-way and used exclusively for dining, drinking, and pedestrian circulation.

Site Plan: A plan, prepared to scale, showing accurately and with complete dimensioning, the boundaries of a site and the location of all buildings, structures, uses, and principal site development features proposed for a specific parcel of land.



Site Plan Example

Site: The property subject to a development permit or erosion control plan.

Span (roof): The horizontal distance between the outside faces of bearing wall plates measured at the shortest dimension across the building.

Special Flood Hazard Area (SFHA): See “Area of Special Flood Hazard.”

Split-face concrete: Concrete masonry units or blocks with a split face, a technique that results in two blocks being manufactured as one unit and later split into two. This gives the blocks a rough face replicating the appearance of natural, quarried stone.



Split-face Concrete Example

Standing seam: A raised joint or rib on a sheet of metal roofing; provides visual relief and may help manage rainwater and snow.

Start of Construction (Area of Special Flood Hazard): Includes substantial improvement and means the date the building permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition, placement, or other improvement was within 180 days from the date of the permit. The actual start means either the first placement of permanent construction of a structure on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns, or any work beyond the stage of excavation; or the placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading, and filling; nor does it include the installation of streets and/or walkways; nor does it include excavation for a basement, footings, piers, or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main structure. For a substantial improvement, the actual start of construction means the first alteration of any wall, ceiling, floor, or other structural part of a building, whether or not that alteration affects the external dimensions of the building.

Stepped parapet: A parapet with breaks in elevation, usually in a symmetrical pattern, that provides visual relief along a building elevation and a transition between buildings of dissimilar height. May also screen rooftop equipment such as electrical and mechanical equipment.

Stockpile: On-site storage of any soil, sand, gravel, clay, mud, debris, vegetation, refuse or any other material, organic or inorganic, in a concentrated state.

Story: That portion of a building included between the upper surface of any floor and the upper surface of the floor next above, except that the top story shall be that portion of a building included between the upper surface of the top floor and the ceiling above.

Stream Bank, Top Of: The land area immediately above and regularly confining a water body, including a stream, river or associated wetland. The bank has a notably steeper slope than the surrounding landscape. The "bankfull stage" means the stage or elevation at which water overflows the natural banks or streams or other waters of this state and begins to inundate the upland. In the absence of physical evidence, the two-year recurrence interval flood elevation may be used to approximate the bankfull state. The first major break in the slope between the top of the bank at waterline and the surrounding landscape shall be the "top of bank."

Stream: A channel such as a river or creek that carries flowing surface water, including perennial streams and intermittent streams with defined channels, and excluding human-made irrigation and drainage channels.

Street: Designated in the City of Sandy Transportation System Plan as follows:

- A. Arterial, Major:** These consist of state highways, which carry nearly all vehicle trips entering, leaving, or passing through the Sandy area.
- B. Arterial, Minor:** These interconnect and support the major arterial system and link major commercial, residential, industrial, and institutional areas.
- C. Residential Minor Arterial:** A hybrid between minor arterial and collector street which allows moderate to high traffic volumes on streets where over 90 percent of the fronting lots are residential. Intended to provide some relief to the strained arterial system while ensuring a safe residential environment. Right-of-way width shall not be less than 62 feet nor more than 82 feet (or 88 feet if it's a green street with swales on both sides), street shall be a minimum three-lane cross section, and may include on-street parking.
- D. Collector Streets:** These provide both access and circulation within residential neighborhoods and commercial/industrial areas. Right-of-way width shall not be less than 44 feet nor more than 78 feet (or 82 feet if it's a green street with swales on both sides).
- E. Local Streets:** The primary function is to provide access to immediately adjacent land. Service to through-traffic movement on local streets is discouraged. Right-of-way width shall be 50 feet (or up to 56 feet if it's a green street with swales on both sides). Average daily traffic (ADT) shall not exceed 1,000 vehicles/day. Proposed projects that result in more than 1,000 ADT on an existing or proposed local street shall be modified to not exceed the 1,000 ADT threshold on the local street or the proposal may be processed through the procedures in Chapter 17.66 of the Sandy Development Code. Proposed outright permitted projects in the C-1, Central Business District, are exempt from adherence to the ADT standards on local streets.
- F. Cul-de-Sac:** A local street with only one outlet and having a bulb at the opposite end. A cul-de-sac shall not exceed 400 feet in length nor serve more than 20 dwelling units unless a proposal is successfully processed through the procedures in Chapter 17.66 of the Sandy Development Code.
- G. Green Street:** A street with a water quality treatment and/or conveyance swale on either one or both sides. Swales shall be a minimum of 8 feet wide. ADT standards and dimensional standards shall adhere to the above classifications depending on the street classification.

Structure: A building or other improvement that is built, constructed or installed, not including minor improvements, such as fences, utility poles, flagpoles, or irrigation system components that are not customarily regulated through zoning ordinances.

Structure (Area of Special Flood Hazard): For floodplain management purposes, a structure is a walled and roofed building, including a gas or liquid storage tank, that is principally above ground, as well as a manufactured dwelling.

Substantial Damage: Damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred.

Substantial Improvement: Any reconstruction, rehabilitation, addition, repair, or other improvement of a structure the cost of which equals or exceeds 50 percent of the market value of the structure, before the “start of construction” of the improvement. This term includes structures which have incurred “Substantial Damage,” regardless of the actual repair work performed.

This term does not, however, include either:

1. Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified by the Director or their designee and which are the minimum necessary to assure safe living conditions; or
2. Any alteration of a “historic structure,” provided that the alteration will not preclude the structure’s continued designation as a “historic structure.”

Surface Water Management System: All natural and constructed facilities used to regulate the quantity and quality of surface water, including drainage easements, culverts, storm drains, catch basins, drainage ditches, natural drainage ways, stream corridors, rivers, ponds, wetlands and impoundments. A surface or stormwater facility serves one or more of three primary functions:

- **Detention Facility:** A facility to temporarily store stormwater runoff and subsequently release it at a slower rate than would otherwise occur.
- **Retention Facility:** A facility to collect and hold stormwater runoff with no surface outflow.
- **Water Quality Facility:** A facility, which physically, chemically or biologically removes pollutants and sediments from stormwater before reaching natural wetlands or streams.

T1-11 Siding: A composite panel (plywood) siding material with vertical grooves used extensively in the 1980s; prone to dry rot if not sealed and maintained properly.

Temporary use: A use, intended for limited duration, to be located in a zoning district not permitting such use and not constituting or continuing a nonconforming use or building.

Trailer: A structure constructed for movement on public highways that has sleeping, cooking, and plumbing facilities, that is intended for human occupancy, that is being used for residential purposes and that was constructed before January 1, 1962, and, in the case of a mobile home, met the construction requirements of Oregon Mobile Home Law in effect at the time of construction, but has not been demonstrated to conform to the requirements of the building code for other residences.

Transfer of development rights: The conveyance of development rights by deed, easement, or other legal instrument authorized by local or state law to another parcel of land and the recording of that conveyance.

Tree: Any living, standing woody plant having a trunk six inches or more in diameter, maximum cross section, at a point 24 inches above mean ground level at the base of the trunk.

Truck Terminal: Land and buildings used as a relay station for the transfer of a load from one vehicle to another or one party to another. The terminal cannot be used for permanent or long-term accessory storage for principal land uses at other locations. The terminal facility may include storage areas for trucks and buildings or areas for the repair of trucks associated with the terminal.

Use: An activity or a purpose, for which land or a structure is designed, arranged or intended, or for which it is occupied or maintained.

Variance, Area: A dispensation permitted on individual parcels of property as a method of alleviating unnecessary hardship by allowing a deviation from dimensional (i.e., height, bulk, yard, setbacks) requirements of the Code because of unusual or unique conditions.

Variance (Area of Special Flood Hazard): A grant of relief by a community from the terms of a floodplain management regulation.

Variance, Special: A dispensation permitted for use of structures or buildings as a method of alleviating unnecessary hardship by allowing a reasonable use of a building or structure, which because of unusual or unique circumstances, is denied by the terms of the Code. This type of variance should not be utilized as a substitute for the rezoning process.

Vegetation, Native: Vegetation that appears on a list of native vegetation species on file in the Planning Department. In contrast to native vegetation, invasive, exotic or introduced vegetation was imported to Sandy over the last few centuries, and can crowd out native vegetation species.

Vegetation Removal: Removal of vegetation within constrained or unbuildable areas governed by the FSH Overlay District.

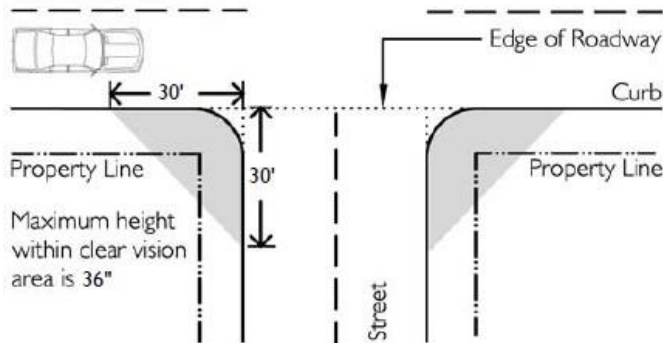
Vehicle: A device in, upon, or by which any person or property is or may be transported upon a public highway, except devices moved by human power or used exclusively upon stationary rails or tracks.

Vicinity Map: A drawing or diagram, to scale, showing the location of the proposed development in relation to abutting properties, major streets and other known landmarks.

Violation (Area of Special Flood Hazard): The failure of a structure or other development to be fully compliant with the community's floodplain management regulations. A structure or other development without the elevation certificate, other certifications, or other evidence of compliance required in this ordinance is presumed to be in violation until such time as that documentation is provided.

Visible (Building Elevation): A building elevation that can be seen from an abutting public street or civic space. See related figure for "Facing (Building Elevation)"

Vision Clearance Area: A triangular area located at the intersection of two streets or a street and an alley; two sides of which are measured from the curb line, or when curbs are absent from the edge of asphalt. Specific distances and prohibitions on visual obstructions within vision clearance areas are contained in Chapter 17.74. The third side of the triangle is a line across the corner of the lot joining the ends of the other two sides.



Vision Clearance Example

Visual Obstruction: Any fence, hedge, tree, shrub, device, wall, or structure between the elevations of 3 feet and 8 feet above the adjacent curb height or above the elevation of gutter line of street edge where there is no curb, as determined by the City Engineer, and so located at a street, drive, or alley intersection as to limit the visibility of pedestrians or persons in motor vehicles on said streets, drives, or alleys.

Warehousing and Distribution: A use engaged in storage, wholesale and distribution of manufactured products, supplies and equipment, but excluding bulk storage or materials that are inflammable or explosive or that create hazardous or commonly recognized offensive conditions.

Water Area: The area between the banks of a lake, pond, river, perennial or fish-bearing intermittent stream, excluding human-made farm ponds.

Water Quality: Water quality for any stream or wetland is measured in terms of the Oregon Water Quality Index (OWQI). The higher the OWQI score, the higher the quality of the water. The OWQI considers the following parameters:

- (a) water temperature;
- (b) percentage and concentration of dissolved oxygen;
- (c) biochemical oxygen demand;
- (d) pH;
- (e) total suspended solids;
- (f) ammonia and nitrate nitrogens;
- (g) total phosphorous; and
- (h) fecal coliforms.

Water quality is degraded when the mean OWQI score for a stream or wetland decreases (or can be expected to decrease) below existing conditions as a result of development.

Wetland: Wetlands generally include, but are not limited to, swamps, marshes, bogs, and similar wet areas. Wetlands are areas inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support a prevalence of hydrophytic vegetation. Hydrophytic vegetation typically is adapted for life in saturated soils, and under normal circumstances would be found in wetlands.

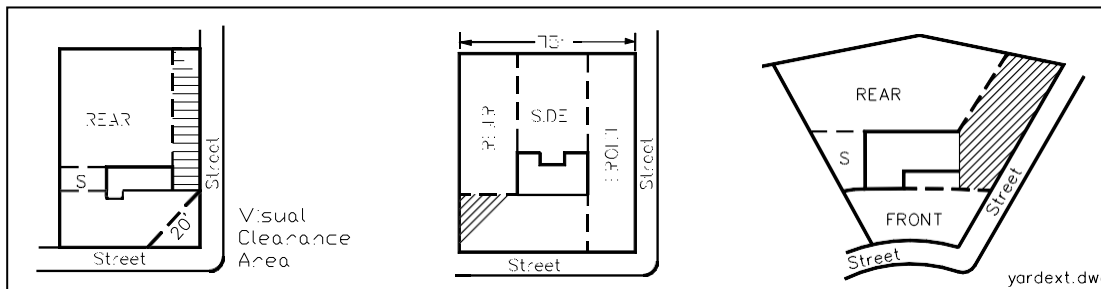
Wetland, Locally Significant: A wetland that meets the criteria for a “locally significant wetland” in OAR 141-86-340 “Procedures for Identifying Locally Significant Wetlands” and which is identified as such on the City of Sandy Local Wetlands Inventory (2001).

Wheel Stop: A physical obstruction used to prevent a car from moving beyond a predetermined point, usually installed on the pavement.

Yard: An open space unobstructed from the ground upward except as otherwise provided in this Code.

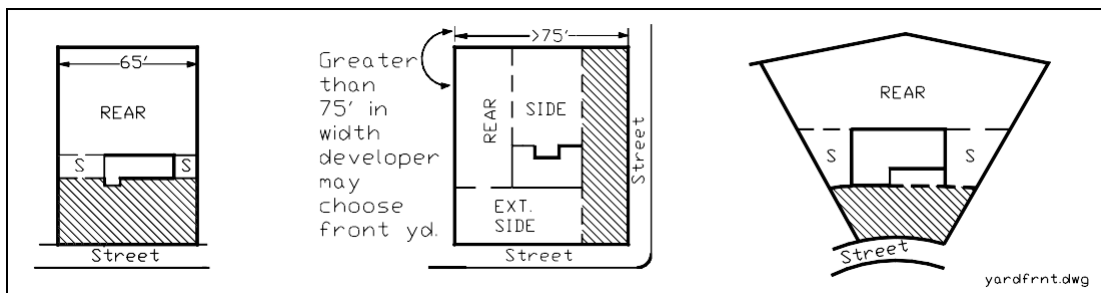
X Zone (floodway): Area of minimal to moderate flood hazards as depicted on the FIRM.

Yard, Exterior Side: A yard extending from the front lot line to the rear lot line on the street side of a corner lot.



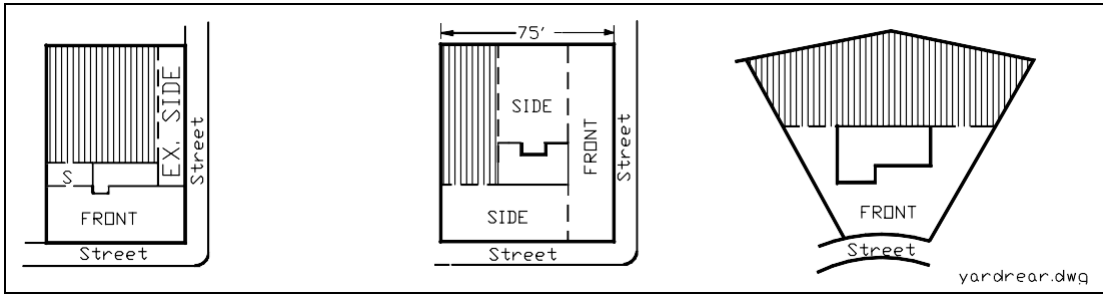
Side Yard (Exterior) Example

Yard, Front: A yard extending across the full width of the lot, the depth of which is the minimum horizontal distance between the front lot line and a line parallel thereto at the nearest point of the main building.



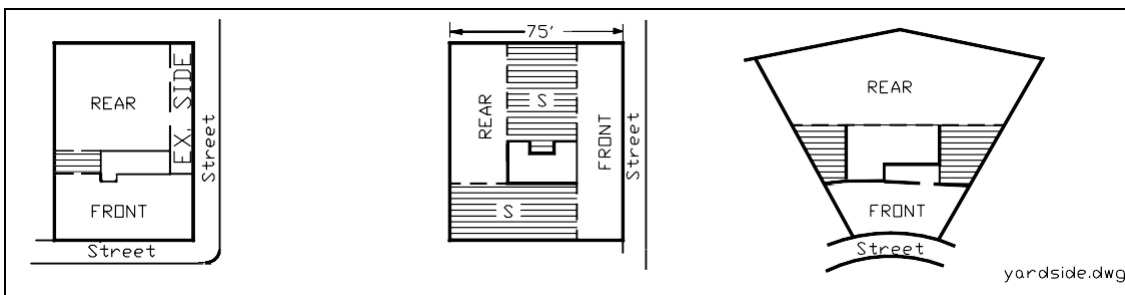
Front Yard Example

Yard, Rear: A yard extending across the full width of the lot between the rear main building and the nearest point of the rear lot line.



Rear Yard Example

Yard, Side: A yard between the main building and the side lot line extending from the front yard or front lot line where no front yard is required, to the rear lot line. The width of the required side yard shall be measured horizontally from the nearest point of the side lot line to the nearest part of the main building.



Side Yard Example

Zoning District: An area of land within the Sandy City limits, designated for specific types of permitted developments, subject to the development requirements of that district.

CHAPTER 17.84 IMPROVEMENTS REQUIRED WITH DEVELOPMENT

17.84.00 INTENT

This chapter provides general information regarding improvements required with residential, commercial, and industrial development. It is intended to clarify timing, extent, and standards for improvements required in conjunction with development. In addition to the standards in this chapter, additional standards for specific situations are contained in other chapters.

17.84.10 EXCEPTIONS

Single family residential development on existing lots is exempt from this chapter, with the exception of 17.84.30 Pedestrian and Bicyclist Requirements.

17.84.20 TIMING OF IMPROVEMENTS

- A. All improvements required by the standards in this chapter shall be installed concurrently with development, as follows:
 - 1. Where a land division is proposed, each proposed lot shall have required public and franchise utility improvements installed or financially guaranteed in accordance with the provisions of Chapter 17 prior to approval of the final plat.
 - 2. Where a land division is not proposed, the site shall have required public and franchise utility improvements installed or financially guaranteed in accordance with the provisions of Chapter 17 prior to temporary or final occupancy of structures.

- B. Where specific approval for a phasing plan has been granted for a planned development and/or subdivision, improvements may similarly be phased in accordance with that plan.

17.84.30 PEDESTRIAN AND BICYCLIST REQUIREMENTS

- A. Sidewalks shall be required along both sides of all arterial, collector, and local streets, as follows:
 - 1. Sidewalks shall be a minimum of five (5) ft. wide on local streets. The sidewalks shall be separated from curbs by a tree planting area that provides separation between sidewalk and curb, unless modified in accordance with Subsection 3 below.
 - 2. Sidewalks along arterial and collector streets shall be separated from curbs with a planting area, except as necessary to continue an existing curb-tight sidewalk. The planting area shall be landscaped with trees and plant materials approved by the City. The sidewalks shall be a minimum of six (6) ft. wide.
 - 3. Sidewalk improvements shall be made according to City standards, unless the City determines that the public benefit in the particular case does not warrant imposing a severe adverse impact to a natural or other significant feature such as requiring removal of a mature tree, requiring undue grading, or requiring modification to an existing building. Any exceptions to the standards shall generally be in the following order.
 - a) Narrow landscape strips
 - b) Narrow sidewalk or portion of sidewalk to no less than four (4) feet in width
 - c) Eliminate landscape strips
 - d) Narrow on-street improvements by eliminating on-street parking
 - e) Eliminate sidewalks

4. The timing of the installation of sidewalks shall be as follows:
 - a) Sidewalks and planted areas along arterial and collector streets shall be installed with street improvements, or with development of the site if street improvements are deferred.
 - b) Sidewalks along local streets shall be installed in conjunction with development of the site, generally with building permits, except as noted in (c) below.
 - c) Where sidewalks on local streets abut common areas, tracts, drainageways, or other publicly owned or semi-publicly owned areas, the sidewalks and planted areas shall be installed with street improvements.

- B. Safe and convenient pedestrian and bicyclist facilities that strive to minimize travel distance to the extent practicable shall be provided in conjunction with new development within and between new subdivisions, planned developments, commercial developments, industrial areas, residential areas, public transit stops, school transit stops, and neighborhood activity centers such as schools and parks, as follows:
 1. For the purposes of this section, “safe and convenient” means pedestrian and bicyclist facilities that: are reasonably free from hazards which would interfere with or discourage travel for short trips; provide a direct route of travel between destinations; and meet the travel needs of pedestrians and bicyclists considering destination and length of trip.
 2. To meet the intent of “B” above, rights-of-way connecting cul-de-sacs or passing through unusually long or oddly shaped blocks shall be a minimum of 15 ft. wide with eight (8) feet of pavement.
 3. 12 ft. wide pathways shall be provided in areas with high bicycle volumes or multi-use by bicyclists, pedestrians, and joggers.
 4. Pathways and sidewalks shall be encouraged in new developments by clustering buildings or constructing convenient pedestrian ways. Pedestrian walkways shall be provided in accordance with the following standards:
 - a) The pedestrian circulation system shall be at least five (5) feet in width and shall connect the sidewalk on each abutting street to the main entrance of the primary structure on the site to minimize out of direction pedestrian travel.
 - b) Walkways at least five (5) feet in width shall be provided to connect the pedestrian circulation system with existing or planned pedestrian facilities which abut the site but are not adjacent to the streets abutting the site.
 - c) Walkways shall be as direct as possible and avoid unnecessary meandering.
 - d) Walkway/driveway crossings shall be minimized. Internal parking lot design shall maintain ease of access for pedestrians from abutting streets, pedestrian facilities, and transit stops.
 - e) With the exception of walkway/driveway crossings, walkways shall be separated from vehicle parking or vehicle maneuvering areas by grade, different paving material, painted crosshatching or landscaping. They shall be constructed in accordance with the sidewalk standards adopted by the City. (This provision does not require a separated walkway system to collect drivers and passengers from cars that have parked on site unless an unusual parking lot hazard exists).
 - f) Pedestrian amenities such as covered walk-ways, awnings, visual corridors and benches will be encouraged. For every two benches provided, the minimum parking requirements will be reduced by one, up to a maximum of four benches per site. Benches shall have direct access to the circulation system.

- C. Where a development site is traversed by or adjacent to a future trail linkage identified within the Transportation System Plan, improvement of the trail linkage shall occur concurrent with

development. Dedication of the trail to the City shall be provided in accordance with 17.84.90(D).

- D. To provide for orderly development of an effective pedestrian network, pedestrian facilities installed concurrent with development of a site shall be extended through the site to the edge of adjacent property(ies).
- E. To ensure improved access between a development site and an existing developed facility such as a commercial center, school, park, or trail system, the Planning Commission or Director may require off-site pedestrian facility improvements concurrent with development.

17.84.40 TRANSIT AND SCHOOL BUS TRANSIT REQUIREMENTS

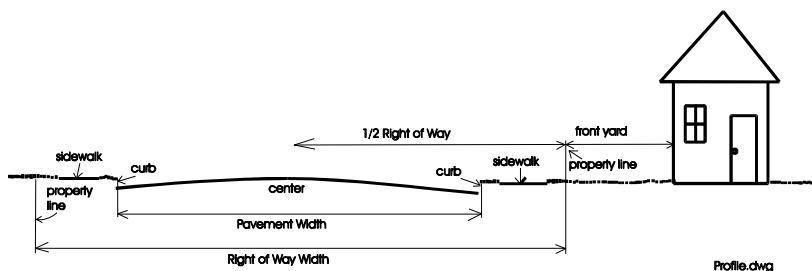
- A. Development sites located along existing or planned transit routes shall, where appropriate, incorporate bus pull-outs and/or shelters into the site design. These improvements shall be installed in accordance with the guidelines and standards of the transit agency. School bus pull-outs and/or shelters may also be required, where appropriate, as a condition of approval for a residential development of greater than 50 dwelling units where a school bus pick-up point is anticipated to serve a large number of children.
- B. New developments at or near existing or planned transit or school bus transit stops shall design development sites to provide safe, convenient access to the transit system, as follows:
 - 1. Commercial and civic use developments shall provide a prominent entrance oriented towards arterial and collector streets, with front setbacks reduced as much as possible to provide access for pedestrians, bicycles, and transit.
 - 2. All developments shall provide safe, convenient pedestrian walkways between the buildings and the transit stop, in accordance with the provisions of 17.84.30 B.

17.84.50 STREET REQUIREMENTS

- A. Transportation Impact Study (No Dwellings). For development applications that do not propose any dwelling units, the City may require a transportation impact study that evaluates the impact of the proposed development on the transportation system. Unless the City does not require a transportation impact study, the applicant shall prepare the study in accordance with the following:
 - 1. A proposal establishing the scope of the study shall be submitted for review to the City Traffic Engineer. The scope shall reflect the magnitude of the project in accordance with accepted transportation planning and engineering practices. Large projects shall assess intersections and street segments where the development causes increases of more than 20 vehicles in either the AM or PM peak hours. Once the City Traffic Engineer has approved scope of the study, the applicant shall submit the results of the study as part of its development application. Failure to submit a required study will result in an incomplete application. A traffic impact study shall bear the seal of a Professional Engineer licensed in the State of Oregon and qualified in traffic or civil engineering.
 - 2. If the study identifies level-of-service conditions less than the minimum standard established in the development code or the Sandy Transportation System Plan, or fails to demonstrate that average daily traffic on existing or proposed streets will meet the ADT standards established in the development code, the applicant shall propose improvements and funding strategies for mitigating identified problems or deficiencies that will be implemented concurrent with the proposed development.

- B. Transportation Impact Study (Dwellings). For development applications that propose dwelling units, an applicant must submit a transportation impact study unless the application is exempt from this requirement pursuant to subsection (B)(6), below. Failure to submit the study will result in an incomplete application. A traffic impact study shall bear the seal of a Professional Engineer licensed in the State of Oregon and qualified in traffic or civil engineering. The applicant shall prepare the study in accordance with the following:
1. The study area must include all existing and proposed site accesses and all existing and proposed streets and intersections where the development adds more than 20 vehicles during any peak hour as determined by using the most recent edition of the Institute of Transportation Engineers Trip Generation Manual. The determination of peak hour vehicle addition shall include the cumulative impact of the proposed development and development on abutting properties that received a certificate of occupancy or recorded a plat within the past 5 years.
 2. The study must analyze existing conditions and projected conditions upon completion of the proposed development.
 3. The study must be performed for the weekday a.m. peak hour (one hour between 7 a.m. and 9 a.m.) and p.m. peak hour (one hour between 4 p.m. and 6 p.m.). Analysis of other time periods may be required for uses that generate their highest traffic volumes at other times of the day or on weekends.
 4. The study must demonstrate that the transportation impacts from the proposed development will comply with the City's level-of-service and average daily traffic standards and the Oregon Department of Transportation's mobility standard.
 5. If the study identifies level-of-service conditions less than the minimum standard established in the development code or the Sandy Transportation System Plan, or fails to demonstrate that average daily traffic on existing or proposed streets will meet the ADT standards established in the development code or fails to meet the Oregon Department of Transportation's mobility standard, the applicant shall propose improvements and funding strategies for mitigating identified problems or deficiencies that will be implemented concurrent with the proposed development.
 6. A transportation impact study is not required under this section if:
 - a) The cumulative impact of the proposed development and development on abutting properties that received a certificate of occupancy or recorded a plat within the past 5 years will generate no more than 20 vehicle trips in any weekday a.m. or p.m. peak hour as determined by using the most recent edition of the Institute of Transportation Engineers Trip Generation Manual; or
 - b) The proposed development completed a transportation impact study at the time of annexation within the past 5 years and that study assessed the impact of the same or more dwelling units than proposed under the new land use action; or
 - c) The application only proposes to convert an existing detached single family dwelling to a duplex.
- C. Transportation Impact Study (Dwellings) – Discretionary Track. As an alternative to the process outlined in Section 17.84.50(B), an applicant may choose to follow the process in Section 17.84.50(A).
- D. Location of new arterial streets shall conform to the Transportation System Plan in accordance with the following:
1. Arterial streets should generally be spaced in one-mile intervals.

2. Traffic signals should generally not be spaced closer than 1,500 ft. for reasonable traffic progression.
- E. Local streets shall be designed to discourage through traffic. NOTE: for the purposes of this section, “through traffic” means the traffic traveling through an area that does not have a local origination or destination. To discourage through traffic and excessive vehicle speeds the following street design characteristics shall be considered, as well as other designs intended to discourage traffic:
1. Straight segments of local streets should be kept to less than a quarter mile in length. As practical, local streets should include traffic calming features, and design features such as curves and “T” intersections while maintaining pedestrian connectivity.
 2. Local streets should typically intersect in “T” configurations rather than 4-way intersections to minimize conflicts and discourage through traffic. Adjacent “T” intersections shall maintain a minimum of 150 ft. between the nearest edges of the two rights-of-way.
 3. Cul-de-sacs shall not exceed 400 ft. in length nor serve more than 20 dwelling units, unless a proposal is successfully processed through the procedures in Chapter 17.66 of the Sandy Development Code.. Cul-de-sacs longer than 400 feet or developments with only one access point may be required to provide an alternative access for emergency vehicle use only, install fire prevention sprinklers, or provide other mitigating measures, determined by the City.
- F. Development sites shall be provided with access from a public street improved to City standards in accordance with the following:
1. Where a development site abuts an existing public street not improved to City standards, the abutting street shall be improved to City standards along the full frontage of the property concurrent with development.
 2. Half-street improvements are considered the minimum required improvement. Three-quarter-street or full-street improvements shall be required where traffic volumes generated by the development are such that a half-street improvement would cause safety and/or capacity problems. Such a determination shall be made by the City Engineer.
 3. To ensure improved access to a development site consistent with policies on orderly urbanization and extension of public facilities the Planning Commission or Director may require off-site improvements concurrent with development. Off-site improvement requirements upon the site developer shall be reasonably related to the anticipated impacts of the development.
 4. Reimbursement agreements for three-quarter-street improvements (i.e., curb face to curb face) may be requested by the developer per Chapter 12 of the SMC.
 5. A half-street improvement includes curb and pavement 2 feet beyond the center line of the right-of-way. A three-quarter-street improvement includes curbs on both sides of the side and full pavement between curb faces.



- G. As necessary to provide for orderly development of adjacent properties, public streets installed concurrent with development of a site shall be extended through the site to the edge of the adjacent property(ies) in accordance with the following:
1. Temporary dead-ends created by this requirement to extend street improvements to the edge of adjacent properties may be installed without a turn-around, subject to the approval of the Fire Marshal.
 2. In order to assure the eventual continuation or completion of the street, reserve strips may be required.
- H. Where required by the Planning Commission or Director, public street improvements may be required through a development site to provide for the logical extension of an existing street network or to connect a site with a nearby neighborhood activity center, such as a school or park. Where this creates a land division incidental to the development, a land partition shall be completed concurrent with the development.
- I. Except for extensions of existing streets, no street names shall be used that will duplicate or be confused with names of existing streets. Street names and numbers shall conform to the established pattern in the surrounding area and be subject to approval of the Director.
- J. Location, grades, alignment, and widths for all public streets shall be considered in relation to existing and planned streets, topographical conditions, public convenience and safety, and proposed land use. Where topographical conditions present special circumstances, exceptions to these standards may be granted by the City Engineer provided the safety and capacity of the street network are not adversely affected. The following standards shall apply:
1. Location of streets in a development shall not preclude development of adjacent properties. Streets shall conform to planned street extensions identified in the Transportation Plan and/or provide for continuation of the existing street network in the surrounding area.
 2. Grades shall not exceed 6 percent on arterial streets, 10 percent on collector streets, and 15 percent on local streets.
 3. As far as practical, arterial streets and collector streets shall be extended in alignment with existing streets by continuation of the street centerline. When staggered street alignments resulting in "T" intersections are unavoidable, they shall leave a minimum of 150 ft. between the nearest edges of the two rights-of-way.
 4. Centerline radii of curves shall not be less than 500 ft. on arterial streets, 300 ft. on collector streets, and 100 ft. on local streets.
 5. Streets shall be designed to intersect at angles as near as practicable to right angles and shall comply with the following:
 - a) The intersection of an arterial or collector street with another arterial or collector street shall have a minimum of 100 ft. of straight (tangent) alignment perpendicular to the intersection.
 - b) The intersection of a local street with another street shall have a minimum of 50 ft. of straight (tangent) alignment perpendicular to the intersection.
 - c) Where right angle intersections are not possible, exceptions can be granted by the City Engineer provided that intersections not at right angles have a minimum corner radius of 20 ft. along the right-of-way lines of the acute angle.
 - d) Intersections with arterial and collector streets shall have a minimum curb corner radius of 20 ft. All other intersections shall have a minimum curb corner radius of 10 ft.

6. Right-of-way and improvement widths shall be as specified by the Transportation System Plan. Exceptions to those specifications may be approved by the City Engineer to deal with specific unique physical constraints of the site.

- K. Private streets may be considered within a development site provided all the following conditions are met:
1. Extension of a public street through the development site is not needed for continuation of the existing street network or for future service to adjacent properties;
 2. The development site remains in one ownership, or adequate mechanisms are established (such as a homeowner's association invested with the authority to enforce payment) to ensure that a private street installed with a land division will be adequately maintained; and
 3. Where a private street is installed in connection with a land division, paving standards consistent with City standards for public streets shall be utilized to protect the interests of future homeowners.

17.84.60 PUBLIC FACILITY EXTENSIONS

- A. All development sites shall be provided with public water, sanitary sewer, broadband (fiber), and storm drainage.
- B. Where necessary to serve property as specified in "A" above, required public facility installations shall be constructed concurrent with development.
- C. Off-site public facility extensions necessary to fully serve a development site and adjacent properties shall be constructed concurrent with development.
- D. As necessary to provide for orderly development of adjacent properties, public facilities installed concurrent with development of a site shall be extended through the site to the edge of adjacent property(ies).
- E. All public facility installations required with development shall conform to the City's facilities master plans.
- F. Private on-site sanitary sewer and storm drainage facilities may be considered provided all the following conditions exist:
1. Extension of a public facility through the site is not necessary for the future orderly development of adjacent properties;
 2. The development site remains in one ownership and land division does not occur (with the exception of land divisions that may occur under the provisions of 17.84.50 F above);
 3. The facilities are designed and constructed in accordance with the Uniform Plumbing Code and other applicable codes, and permits and/or authorization to proceed with construction is issued prior to commencement of work.

17.84.70 PUBLIC IMPROVEMENT PROCEDURES

It is in the best interests of the community to ensure public improvements installed in conjunction with development are constructed in accordance with all applicable City policies, standards, procedures, and ordinances. Therefore, prior to commencement of installation of public water, sanitary sewer, storm drainage, broadband (fiber), street, bicycle, or pedestrian

improvements for any development site, developers shall contact the City Engineer to receive information regarding adopted procedures governing plan submittal, plan review and approval, permit requirements, inspection and testing requirements, progress of the work, and provision of easements, dedications, and as-built drawings for installation of public improvements. All work shall proceed in accordance with those adopted procedures, and all applicable City policies, standards, and ordinances.

Whenever any work is being done contrary to the provisions of this Code, the Director may order the work stopped by notice in writing served on the persons engaged in performing the work or causing the work to be performed. The work shall stop until authorized by the Director to proceed with the work or with corrective action to remedy substandard work already completed.

17.84.80 FRANCHISE UTILITY INSTALLATIONS

These standards are intended to supplement, not replace or supersede, requirements contained within individual franchise agreements the City has with providers of electrical power, telephone, cable television, and natural gas services (hereinafter referred to as “franchise utilities”).

- A. Where a land division is proposed, the developer shall provide franchise utilities to the development site. Each lot created within a subdivision shall have an individual service available or financially guaranteed prior to approval of the final plat.
- B. Where necessary, in the judgment of the Director, to provide for orderly development of adjacent properties, franchise utilities shall be extended through the site to the edge of adjacent property(ies), whether or not the development involves a land division.
- C. The developer shall have the option of choosing whether or not to provide natural gas or cable television service to the development site, providing all of the following conditions exist:
 - 1. Extension of franchise utilities through the site is not necessary for the future orderly development of adjacent property(ies);
 - 2. The development site remains in one ownership and land division does not occur (with the exception of land divisions that may occur under the provisions of 17.84.50 F above); and,
 - 3. The development is non-residential.
- D. Where a land division is not proposed, the site shall have franchise utilities required by this section provided in accordance with the provisions of 17.84.70 prior to occupancy of structures.
- E. All franchise utility distribution facilities installed to serve new development shall be placed underground except as provided below. The following facilities may be installed above-ground:
 - 1. Poles for street lights and traffic signals, pedestals for police and fire system communications and alarms, pad mounted transformers, pedestals, pedestal mounted terminal boxes and meter cabinets, concealed ducts, substations, or facilities used to carry voltage higher than 35,000 volts;
 - 2. Overhead utility distribution lines may be permitted upon approval of the City Engineer when unusual terrain, soil, or other conditions make underground installation

impracticable. Location of such overhead utilities shall follow rear or side lot lines wherever feasible.

- F. The developer shall be responsible for making necessary arrangements with franchise utility providers for provision of plans, timing of installation, and payment for services installed. Plans for franchise utility installations shall be submitted concurrent with plan submittal for public improvements to facilitate review by the City Engineer.
- G. The developer shall be responsible for installation of underground conduit for street lighting along all public streets improved in conjunction with the development in accordance with the following:
 - 1. The developer shall coordinate with the City Engineer to determine the location of future street light poles. The street light plan shall be designed to provide illumination meeting standards set by the City Engineer.
 - 2. The developer shall make arrangements with the serving electric utility for trenching prior to installation of underground conduit for street lighting.

17.84.90 LAND FOR PUBLIC PURPOSES

- A. Easements for public sanitary sewer, water, storm drain, pedestrian and bicycle facilities shall be provided whenever these facilities are located outside a public right-of-way in accordance with the following:
 - 1. When located between adjacent lots, easements shall be provided on one side of a lot line.
 - 2. The minimum easement width for a single utility is 15 ft. The minimum easement width for two adjacent utilities is 20 ft. The easement width shall be centered on the utility to the greatest extent practicable. Wider easements may be required for unusually deep facilities.
- B. Public utility easements with a minimum width of eight (8) feet shall be provided adjacent to all street rights-of-way for franchise utility installations.
- C. Where a development site is traversed by a drainageway or water course, a drainage way dedication shall be provided to the City.
- D. Where a development is traversed by, or adjacent to, a future trail linkage identified within the Transportation System Plan, dedications of suitable width to accommodate the trail linkage shall be provided. This width shall be determined by the City Engineer, considering the type of trail facility involved.
- E. Where existing rights-of-way and/or easements within or adjacent to development sites are nonexistent or of insufficient width, dedications may be required. The need for and widths of those dedications shall be determined by the City Engineer.
- F. Where easement or dedications are required in conjunction with land divisions, they shall be recorded on the plat. Where a development does not include a land division, easements and/or dedications shall be recorded on standard document forms provided by the City Engineer.

- G. If the City has an interest in acquiring any portion of a proposed subdivision or planned development site for a public purpose, other than for those purposes listed above, or if the City has been advised of such interest by a school district or other public agency, and there is a reasonable assurance that steps will be taken to acquire the land, the Planning Commission may require those portions of the land be reserved for public acquisition for a period not to exceed one (1) year.
- H. Environmental assessments for all lands to be dedicated to the public or City may be required to be provided by the developer. An environmental assessment shall include information necessary for the City to evaluate potential liability for environmental hazards, contamination, or required waste cleanups related to the dedicated land. An environmental assessment shall be completed prior to the acceptance of dedicated lands in accordance with the following:
 - 1. The initial environmental assessment shall detail the history of ownership and general use of the land by past owners. Upon review of the information provided by the grantor, as well as any site investigation by the City, the Director will determine if the risks of potential contamination warrant further investigation. When further site investigation is warranted, a Level I Environmental Assessment shall be provided by the grantor.

17.84.100 MAIL DELIVERY FACILITIES

- A. In establishing placement of mail delivery facilities, locations of sidewalks, bikeways, intersections, existing or future driveways, existing or future utilities, right-of-way and street width, and vehicle, bicycle and pedestrian movements shall be considered. The final location of these facilities shall meet the approval of the City Engineer and the Post Office. Where mail delivery facilities are being installed in conjunction with a land division, placement shall be indicated on the plat and meet the approval of the City Engineer and the Post Office prior to final plat approval.
- B. Where mail delivery facilities are proposed to be installed in areas with an existing or future curb-tight sidewalk, a sidewalk transition shall be provided that maintains the required design width of the sidewalk around the mail delivery facility. If the right-of-way width will not accommodate the sidewalk transition, a sidewalk easement shall be provided adjacent to the right-of-way.
- C. Mail delivery facilities and the associated sidewalk transition (if necessary) around these facilities shall conform to the City's standard construction specifications. Actual mailbox units shall conform to the Post Office standards for mail delivery facilities.
- D. Installation of mail delivery facilities is the obligation of the developer. These facilities shall be installed concurrently with the public improvements. Where development of a site does not require public improvements, mail delivery facilities shall be installed concurrently with private site improvements.

Mail delivery facilities may not be placed on arterial or collector streets or in sight distance zones or vision clearance areas.

**CHAPTER 17.100
LAND DIVISION**

17.100.00 INTENT

The intent of this chapter is to implement the Comprehensive Plan, to provide procedures, regulations, and design standards for land divisions and associated improvements and to provide for orderly and efficient land division patterns supported by a connected system of streets, fiber (broadband), water supply, sanitary sewer and stormwater drainage facilities.

The division of land is the initial step in establishing Sandy's ultimate development pattern. The framework of streets, blocks and individual lots is implemented through the land division process. Density, dimensional standards, setbacks, and building height are established in applicable zoning district regulations.

This chapter presents the review procedures, design standards and improvement requirements for land divisions. Procedures for replats and property line adjustments are also addressed in this chapter.

17.100.10 GENERAL PROVISIONS

- A. No land shall be divided prior to approval of a minor partition, major partition or subdivision in accordance with this Code.
- B. No sale or conveyance of any portion of a lot, other than for a public purpose, shall leave a structure on the remainder of a lot with less than the minimum lot, yard or setback requirements of the zoning district.
- C. Land division is processed by approval of a tentative plan prior to approval of the final land division plat or map. Where a Type II or Type III procedure is required for land division approval, that procedure shall apply to the tentative plan approval. As long as there is compliance with the approved tentative plat and conditions, the Director shall have the authority to approve final plats and maps for land divisions through a Type I procedure.

17.100.20 LAND DIVISION CLASSIFICATION - TYPE I, II OR III PROCEDURES

- A. Type I Land Division (Property Line Adjustment). Property line adjustments shall be a Type I procedure if the resulting parcels comply with standards of the Development Code and this chapter.
- B. Type I Land Division (Minor Partition). A minor partition shall be a Type I procedure if the land division does not create a street and the resulting parcels comply with the standards of the zoning district and this chapter.
- C. Type II Land Division (Major Partition or Subdivision). A major partition or subdivision shall be a Type II procedure when a street is extended, satisfactory street conditions exist and the resulting parcels/lots comply with the standards of the zoning district and this chapter. Satisfactory street conditions exist when the Director determines one of the following:
 - 1. Existing streets are stubbed to the property boundaries and are linked by the land division.

2. An existing street or a new proposed street need not continue beyond the land division in order to complete an appropriate street system or to provide access to adjacent property.
 3. The proposed street layout is consistent with a street pattern adopted as part of the Comprehensive Plan or an officially adopted City street plan.
- D. Type II Land Division (Minor Replat). A minor replat of an existing platted subdivision shall be a Type II procedure when the street(s) are existing and no extension or reconstruction/realignment is necessary, when the replat does not increase the allowable density, the resulting parcels comply with the standards of the zoning district and this chapter, and the replat involves no more than six (6) lots.
- E. Type III Land Division (Major Partition or Subdivision). A major partition or subdivision shall be a Type III procedure if unsatisfactory street conditions exist or the resulting parcels/lots do not comply with the standards of the zoning district and this chapter. The Director shall determine if unsatisfactory street conditions exist based on one of the following criteria:
1. The land division does not link streets that are stubbed to the boundaries of the property.
 2. An existing street or a new proposed street will be extended beyond the boundaries of the land division to complete a street system or provide access to adjacent property.
 3. The proposed street layout is inconsistent with a street pattern adopted as part of the Comprehensive Plan or an officially adopted City street plan.
- F. Type III Land Division (Major Replat). A major replat involves the realignment of property lines involving more than six lots, even if the subdivision does not increase the allowable density. All parcels resulting from the replat must comply with the standards of the zoning district and this chapter. Any replat involving the creation, extension or modification of a street shall be processed as a major replat.

17.100.30 PROPERTY LINE ADJUSTMENT

Approval of a property line adjustment is required to move a common boundary between two parcels or lots. A Type I property line adjustment is not considered a development action for purposes of determining whether floodplain, greenway, or right-of-way dedication or improvements are required.

- A. Application Requirements. Property line adjustment applications shall be made on forms provided by the City and shall be accompanied by:
1. Two (2) copies of the property line adjustment map;
 2. The required fee;
 3. Any data or narrative necessary to explain the application.
- B. Map Information. The property line adjustment map and narrative shall include the following:
1. The names, addresses and phone numbers of the owner(s) of the subject parcels and authorized representative;
 2. Scale of the drawing using an engineer's scale;
 3. North arrow and date;
 4. Legal description of the property;
 5. Dimensions and size of the parcels involved in the property line adjustment;
 6. Approximate locations of structures, utilities, rights-of-way and easements;

7. Points of access, existing and proposed;
 8. Any natural features such as waterways, drainage area, significant vegetation or rock outcroppings;
 9. Approximate topography, particularly noting any area of steep slope.
- C. Approval Criteria. The Director shall approve a request for a property line adjustment if the following criteria are satisfied:
1. No additional parcels are created.
 2. All parcels meet the density requirements and dimensional standards of the base zoning district.
 3. Access, utilities, easements, and proposed future streets will not be adversely affected by the property line adjustment.
- D. Final Approval. Three paper copies of the final map shall be submitted within one year of approval of the property line adjustment. The final map shall include a boundary survey, which complies with ORS Chapters 92 and 209. The approved final map, along with required deeds, must be recorded with Clackamas County.

17.100.40 MINOR AND MAJOR PARTITIONS

Approval of a partition is required for a land division of 3 or fewer parcels in a calendar year. Partitions, which do not require creation or extension of a street for access, is classified as a Type I minor partition. Partitions, which require creation or extension of a street for access, are classified as Type II, major partitions.

- A. Preapplication Conference. The applicant for a minor or major partition shall participate in a preapplication conference with City staff to discuss procedures for approval, applicable state and local requirements, objectives and policies of the Sandy Comprehensive Plan, and the availability of services. A preapplication conference is required.
- B. Application Requirements. Partition applications shall be made on forms provided by the planning department and shall be accompanied by:
1. Eight copies of the tentative plan for the minor or major partition;
 2. The required fee;
 3. Any data or narrative necessary to explain the application;
 4. List of affected property owners.
- C. Tentative Partition Plan. The tentative plan shall be a minimum of 8 1/2 x 11 inches in size and shall include the following information:
1. The date, north point, engineering scale, and legal description;
 2. Name and address of the owner of record and of the person who prepared the partition plan;
 3. Zoning, size and dimensions of the tract to be partitioned;
 4. Size, dimensions and identification of proposed parcels (Parcel 1, Parcel 2, Parcel 3);
 5. Approximate location of any structures on the tract to be partitioned, including setbacks to proposed parcel boundaries;
 6. Location, names and widths of streets, sidewalks and bikeways within the tract to be partitioned and extending 400 feet beyond the tract boundaries;
 7. Location, width and purpose of existing and proposed easements on the tract to be partitioned;

8. Location and size of sanitary sewer, water and stormwater drainage facilities proposed to serve the property to be partitioned;
 9. Natural features such as waterways, drainage area, significant vegetation or rock outcroppings;
 10. Approximate topography, particularly noting any area of steep slope;
 11. A plan for future parcel redivision, if the proposed parcels are large enough to be redivided under the comprehensive plan or zoning designation.
- D. Approval Criteria. The Director or Planning Commission shall review the tentative plan for a minor or major partition based on the classification procedure (Type I, II or III) and the following approval criteria:
1. The proposed partition is consistent with the density, setback and dimensional standards of the base zoning district.
 2. The proposed partition is consistent with the design standards set forth in this chapter.
 3. Adequate public facilities are available or can be provided to serve the proposed partition.
 4. All proposed improvements meet City standards.
 5. Traffic volumes shall not exceed average daily traffic (ADT) standards for local streets as detailed in Chapter 17.10, Definitions.
 6. The plan preserves the potential for future redivision of the parcels, if applicable.
- E. Conditions. The Director or Planning Commission may require dedication of land and easements and may specify such conditions or modifications of the tentative partition plan as deemed necessary. In no event, however, shall the Director or Planning Commission require greater dedications or conditions than could be required if the entire tract were subdivided.
- F. Approval of Tentative Partition Plan. When a tentative partition plan has been approved, all copies shall be marked with the date and conditions of approval. One copy shall be returned to the applicant, one copy shall be sent to the county and one copy shall be retained by the City.
- G. Approval Signatures for Final Partition Map. Following review and approval of a final partition map, the Director shall:
1. Review Plat for Accuracy. The Director may require field investigations to verify that the plat survey is accurate. The applicant shall be notified and afforded an opportunity to make corrections if needed.
 2. Sign the plat to certify that the map is approved.
 3. Notify the applicant that the partition map and accompanying documents have been approved and are ready for recording with the Clackamas County Recorder.
 4. Deliver the signed original to the applicant who shall deliver the original and two exact copies to the County Recorder's office. One recorded copy shall be returned to the City of Sandy immediately after recording is completed.
- H. Effective Date for Final Partition Map Approval. The partition shall become final upon recording of the approved partition map together with any required documents with the County Recorder. Work specifically authorized following tentative approval may take place prior to processing of the final partition map. The documents effectuating a partition shall become null and void if not recorded with the County Recorder within one year following approval.

- I. Improvements. The same improvements shall be installed to serve each parcel of a partition as required of a subdivision. Improvement standards are set forth in Section 17.90. If the Director and City Engineer find a need to vary the improvement standards for a partition, the application shall be processed through a Type III hearing and may exempt specific improvements.
- J. Exceptions to Improvements. Exceptions to improvements may be approved in transition areas or other areas as deemed appropriate by the City. In lieu of excepting an improvement, the Planning Commission may recommend to the City Council that the improvement be installed in the area under special assessment financing or other facility extension policies of the City.

17.100.50 NONRESIDENTIAL PARTITIONS OR SUBDIVISIONS

This section includes special provisions for partitions or subdivisions of land that is zoned for commercial or industrial use.

- A. Principles and Standards. In addition to the standards established for partitions or subdivisions, the applicant for a nonresidential partition or subdivision shall demonstrate that the street, parcel and block pattern proposed is adapted to uses in the vicinity. The following principles and standards shall be observed:
 - 1. Proposed commercial and industrial parcels shall be suitable in area and dimensions to the types of development anticipated.
 - 2. Street right-of-way and pavement shall be adequate to accommodate the type and volume of traffic anticipated.
 - 3. Special requirements may be imposed by the City with respect to street, curb, gutter and sidewalk design and construction.
 - 4. Special requirements may be imposed by the City with respect to the installation of public utilities, including but not limited to water, sanitary sewer, and stormwater drainage facilities.
 - 5. Efforts shall be made to protect adjacent residential areas from potential nuisance from a proposed commercial or industrial subdivision. Such efforts may include the provision of extra depth in parcels backing up on existing or potential residential development and landscaped buffers.
 - 6. Streets carrying nonresidential traffic, particularly truck traffic, should not normally be extended through adjacent residential areas.
 - 7. Traffic volumes shall not exceed average daily traffic (ADT) standards for local streets as detailed in Chapter 17.10, Definitions.

17.100.60 SUBDIVISIONS

Approval of a subdivision is required for a land division of 4 or more parcels in a calendar year. A two-step procedure is required for subdivision approval: (1) tentative plat review and approval; and (2) final plat review and approval.

- A. Preapplication Conference. The applicant for a subdivision shall participate in a preapplication conference with City staff to discuss procedures for approval, applicable state and local requirements, objectives and policies of the Sandy Comprehensive Plan, and the availability of services. The preapplication conference provides the opportunity to discuss the

conceptual development of the property in advance of formal submission of the tentative plan in order to save the applicant unnecessary delay and cost.

B. Application Requirements for a Tentative Plat. Subdivision applications shall be made on forms provided by the planning department and shall be accompanied by:

1. 20 copies of the tentative plat;
2. Required fee and technical service deposit;
3. 20 copies of all other supplementary material as may be required to indicate the general program and objectives of the subdivision;
4. Preliminary title search;
5. List of affected property owners.

C. Format. The Tentative Plat shall be drawn on a sheet 18 x 24 inches in size and at a scale of one inch equals one hundred feet unless an alternative format is approved by the Director at the preapplication conference. The application shall include one copy of a scaled drawing of the proposed subdivision, on a sheet 8 1/2 x 11, suitable for reproduction.

D. Data Requirements for Tentative Plat.

1. Scale of drawing, north arrow, and date.
2. Location of the subdivision by section, township and range, and a legal description sufficient to define the location and boundaries of the proposed tract.
3. A vicinity map, showing adjacent property boundaries and how proposed streets may be extended to connect to existing streets.
4. Names, addresses, and telephone numbers of the owner(s) of the property, the engineer or surveyor, and the date of the survey.
5. Streets: location, names, paved widths, alleys, and right-of-way (existing and proposed) on and within 400 feet of the boundaries of the subdivision tract.
6. Easements: location, widths, purpose of all easements (existing and proposed) on or serving the tract.
7. Utilities: location of stormwater drainage, sanitary sewers and water lines (existing and proposed) on and abutting the tract. If utilities are not on or abutting the tract, indicate the direction and distance to the nearest locations.
8. Ground elevations shown by contour lines at two-foot vertical intervals for ground slopes of less than 10 percent and at ten-foot vertical intervals for ground slopes exceeding 10 percent. Ground elevation shall be related to an established benchmark or other datum approved by the Director.
9. Natural features such as marshes, rock outcroppings, watercourses on and abutting the property, and location of wooded areas.
10. Approximate location of areas subject to periodic inundation or storm sewer overflow, location of any floodplain or flood hazard district.
11. Location, width, and direction of flow of all water courses.
12. Identification of the top of bank and boundary of mandatory setback for any stream or water course.
13. Identification of any associated wetland and boundary of mandatory setback.
14. Identification of any wetland and boundary of mandatory setback.
15. Location of at least one temporary bench mark within the tract boundaries.
16. Existing uses of the property, including location and present use of all existing structures to remain on the property after platting.
17. Lots and Blocks: approximate dimensions of all lots, minimum lot sizes, and proposed lot and block numbers.

18. Existing zoning and proposed land use.
 19. Designation of land intended to be dedicated or reserved for public use, with the purpose, conditions, or limitations of such reservations clearly indicated.
 20. Proposed development phases, if applicable.
 21. Any other information determined necessary by the Director such as a soil report or other engineering study, traffic analysis, floodplain or wetland delineation, etc.
- E. Approval Criteria. The Director or Planning Commission shall review the tentative plat for the subdivision based on the classification procedure (Type II or III) set forth in Chapter 17.12 and the following approval criteria:
1. The proposed subdivision is consistent with the density, setback and dimensional standards of the base zoning district, unless modified by a Planned Development approval.
 2. The proposed subdivision is consistent with the design standards set forth in this chapter.
 3. The proposed street pattern is connected and consistent with the Comprehensive Plan or official street plan for the City of Sandy.
 4. Traffic volumes shall not exceed average daily traffic (ADT) standards for local streets as detailed in Chapter 17.10, Definitions.
 5. Adequate public facilities are available or can be provided to serve the proposed subdivision.
 6. All proposed improvements meet City standards.
 7. The phasing plan, if requested, can be carried out in a manner that meets the objectives of the above criteria and provides necessary public improvements for each phase as it develops.
- F. Conditions. The Director or Planning Commission may require dedication of land and easements, and may specify such conditions or modifications of the tentative plat as deemed necessary.
- G. Improvements. A detailed list of required improvements for the subdivision shall be set forth in the approval and conditions for the tentative plat.
- H. Tentative Plat Expiration Date. The final plat shall be delivered to the Director for approval within two (2) years following approval of the tentative plat, and shall incorporate any modification or condition required by approval of the tentative plat. The Director may, upon written request, grant an extension of the tentative plat approval for up to one (1) additional year. The one year extension by the Director is the maximum extension that may be granted for a subdivision.
- I. Submission of Final Plat. The applicant shall survey the subdivision and prepare a final plat in conformance with the tentative plat approval and the requirements of ORS Chapter 92.
- J. Information on Plat. In addition to information required for the tentative plat or otherwise specified by state law, the following information shall be shown on the final plat for the subdivision:
1. Tract boundary lines, right-of-way lines of streets and property lines with dimensions, bearings or deflection angles and radii, arcs, points of curvature and tangent bearings. All bearings and angles shall be shown to the nearest one-second and all dimensions to the nearest 0.01 foot. If circular curves are proposed in the plat, the following data must be

shown in table form: curve radius, central angles, arc length, and bearing of long chord. All information shown on the face of the plat shall be mathematically perfect.

2. Easements denoted by fine dotted lines, clearly identified and, if already of record, their recorded references. If an easement is not definitely located of record, a statement of the easement shall be given. The width of the easement, its length and bearing, and sufficient ties to locate the easement with respect to the subdivision shall be shown. If the easement is being dedicated by the plat, it shall be properly referenced in the owner's certificates of dedication.
3. Any building setback lines if more restrictive than the City zoning ordinance.
4. Location and purpose for which sites, other than residential lots, are dedicated or reserved.
5. Easements and any other areas for public use dedicated without any reservation or restriction.
6. A copy of any deed restrictions written on the face of the plat or prepared to record with the plat with reference on the face of the plat.
7. The following certificates that may be combined where appropriate:
 - a) A certificate signed and acknowledged by all parties having any recorded title interest in the land, consenting to the preparation and recording of the plat.
 - b) A certificate signed and acknowledged as above, dedicating all land intended for public use except land that is intended for the exclusive use of the lot owners in the subdivision, their licensees, visitors, tenants and servants.
 - c) A certificate with the seal of and signed by the engineer or the surveyor responsible for the survey and final plat.
 - d) Other certificates now or hereafter required by law.
8. Supplemental Information with Plat. The following data shall accompany the final plat:
 - a) A preliminary title report issued by a title insurance company in the name of the owner of the land, showing all parties whose consent is necessary and their interest in the tract.
 - b) Sheets and drawings showing the following:
 - 1) Traverse data including the coordinates of the boundary of the subdivision and ties to section corners and donation land claim corners, and showing the error of closure, if any.
 - 2) The computation of distances, angles and courses shown on the plat.
 - 3) Ties to existing monuments, proposed monuments, adjacent subdivisions, street corners and state highway stationing.
 - c) A copy of any deed restrictions applicable to the subdivision.
 - d) A copy of any dedication requiring separate documents.
 - e) A list of all taxes and assessments on the tract which have become a lien on the tract.
 - f) A certificate by the engineer that the subdivider has complied with the improvement requirements.
9. Certification by the City Engineer or by the owner of a privately owned domestic water supply system, that water will be available to the property line of each and every lot depicted in the final plat.

K. Technical Plat Review. Upon receipt by the City, the plat and supplemental information shall be reviewed by the City Engineer and Director through a Type I procedure. The review shall focus on conformance of the final plat with the approved tentative plat, conditions of approval and provisions of city, county or state law applicable to subdivisions.

1. The City Engineer may make field checks as needed to verify that the final plat is sufficiently correct on the ground, and City representatives may enter the subdivision property for this purpose.
2. If the City Engineer or Director determines that full conformance has not been made, they shall advise the subdivider of the changes or additions that must be made and shall afford the subdivider an opportunity to make the changes or additions.
3. All costs associated with the technical plat review and recording shall be the responsibility of the applicant.

L. Approval of Final Plat. The signatures of the Director and the City Engineer shall indicate approval of the final plat. After the plat has been approved by all city and county officials, a digital copy of the plat and a digital copy of any recorded documents shall be delivered to the Director within 20 working days of recording.

M. Recording of Final Plat. Approval of the plat by the City shall be conditioned on its prompt recording. The subdivider shall, without delay, submit the plat to the county assessor and the county governing body for signatures as required by ORS 92.100. The plat shall be prepared as provided by ORS 92.080. Approval of the final plat shall be null and void if the plat is not submitted for recording within 30 days after the date the last required approving signature has been obtained.

17.100.70 LAND DIVISION DESIGN STANDARDS

All land divisions shall be in conformance with the requirements of the applicable base zoning district and this chapter, as well as with other applicable provisions of this Code. Modifications to these requirements may be accomplished through a Planned Development. The design standards in this section shall be used in conjunction with street design standards included in the City of Sandy Transportation System Plan and standards and construction specifications for public improvements as set forth in adopted Public Facilities Plans and the Sandy Municipal Code.

17.100.80 CHARACTER OF THE LAND

Land which the Director or the Planning Commission finds to be unsuitable for development due to flooding, improper drainage, steep slopes, rock formations, adverse earth formations or topography, utility easements, or other features which will reasonably be harmful to the safety, health, and general welfare of the present or future inhabitants of the partition or subdivision and the surrounding areas, shall not be developed unless adequate methods are formulated by the subdivider and approved by the Director or the Planning Commission to solve the problems created by the unsuitable land conditions.

17.100.90 ACCESS CONTROL GUIDELINES AND COORDINATION

- A. Notice and coordination with ODOT required. The city will coordinate and notify ODOT regarding all proposals for new or modified public and private accesses on to Highways 26 and 211.
- B. It is the city policy to, over time, reduce noncompliance with the Oregon Highway Plan Access Management Policy guidelines.

- C. Reduction of compliance with the cited State standards means that all reasonable alternatives to reduce the number of accesses and avoid new non-complying accesses will be explored during the development review. The methods to be explored include, but are not limited to: closure, relocation, and consolidation of access; right-in/right-out driveways; crossover easements; and use of local streets, alleys, and frontage roads.

17.100.100 STREETS GENERALLY

No subdivision or partition shall be approved unless the development has frontage or approved access to an existing public street. In addition, all streets shall be graded and improved in conformance with the City's construction standards, approved by the City Engineer, in accordance with the construction plans.

- A. Street Connectivity Principle. The pattern of streets established through land divisions should be connected to: (a) provide safe and convenient options for cars, bikes and pedestrians; (b) create a logical, recognizable pattern of circulation; and (c) spread traffic over many streets so that key streets (particularly U.S. 26) are not overburdened.
- B. Transportation Impact Studies. An applicant is required to prepare and submit a transportation impact study in accordance with the standards of Chapter 17.84 unless those standards exempt the application from the requirement.:
 - 1.
- C. Topography and Arrangement. All streets shall be properly related to special traffic generators such as industries, business districts, schools, and shopping centers and to the pattern of existing and proposed land uses.
- D. Street Spacing. Street layout shall generally use a rectangular grid pattern with modifications as appropriate to adapt to topography or natural conditions.
- E. Future Street Plan. Future street plans are conceptual plans, street extensions and connections on acreage adjacent to land divisions. They assure access for future development and promote a logical, connected pattern of streets. It is in the interest of the city to promote a logical, connected pattern of streets. All applications for land divisions shall provide a future street plan that shows the pattern of existing and proposed future streets within the boundaries of the proposed land divisions, proposed connections to abutting properties, and extension of streets to adjacent parcels within a 400 foot radius of the study area where development may practically occur.
- F. Connections. Except as permitted under Exemptions, all streets, alleys and pedestrian walkways shall connect to other streets within the development and to existing and planned streets outside the development and to undeveloped properties that have no future street plan. Streets shall terminate at other streets or at parks, schools or other public land within a neighborhood.

Local streets shall align and connect with other roads when crossing collectors and arterials per the criteria in Section 17.84.50K(5)(e).

Proposed streets or street extensions shall be located to provide direct access to existing or planned transit stops, and existing or planned neighborhood activity centers, such as schools, shopping areas and parks.

G. Exemptions.

1. A future street plan is not required for partitions of residentially zoned land when none of the parcels may be redivided under existing minimum density standards.
2. Standards for street connections do not apply to freeways and other highways with full access control.
3. When street connection standards are inconsistent with an adopted street spacing standard for arterials or collectors, a right turn in/right turn out only design including median control may be approved. Where compliance with the standards would result in unacceptable sight distances, an accessway may be approved in place of a street connection.

17.100.110 STREET STANDARDS AND CLASSIFICATION

Street standards are illustrated in the figures included at the end of this chapter. Functional definitions of each street type are described in the Transportation System Plan as summarized below.

- A. Major arterials are designed to carry high volumes of through traffic, mixed with some unavoidable local traffic, through or around the city. Major arterials should generally be spaced at 1-mile intervals.
- B. Minor arterials are designed to collect and distribute traffic from major and minor arterials to neighborhood collectors and local streets, or directly to traffic destinations. Minor arterials should generally be spaced at 1-mile intervals.
- C. Residential minor arterials are a hybrid between minor arterial and collector type streets that allow for moderate to high traffic volumes on streets where over 90% of the fronting lots are residential.
- D. Collector streets are designed to collect and distribute traffic from higher type arterial streets to local streets or directly to traffic destinations. Collector streets should generally be spaced at 1/2-mile intervals.
- E. Local streets provide direct access to abutting property and connect to collector streets. Local streets shall be spaced no less than 8 and no more than 10 streets per mile, except as the city may otherwise approve through an adjustment or variance pursuant to Chapter 17.66. Local streets shall not exceed the ADT standards set forth in Chapter 17.10, except that the ADT standard for local streets shall not apply to outright permitted development within the C-1 zone.
- F. Cul-de-sacs and dead end streets are discouraged. If deemed necessary, cul-de-sacs shall be as short as possible and shall not exceed 400 feet in length.
- G. Public access lanes are designed to provide primary access to a limited number of dwellings when the construction of a local street is unnecessary.

- H. Alleys are designed to provide access to multiple dwellings in areas where lot frontages are narrow and driveway spacing requirements cannot be met.

17.100.120 BLOCKS AND ACCESSWAYS

- A. Blocks. Blocks shall have sufficient width to provide for two tiers of lots at appropriate depths. However, exceptions to the block width shall be allowed for blocks that are adjacent to arterial streets or natural features.
- B. Residential Blocks. Blocks fronting local streets shall not exceed 400 feet in length, unless topographic, natural resource, or other similar physical conditions justify longer blocks. Blocks may exceed 400 feet if approved as part of a Planned Development, Specific Area Plan, adjustment or variance.
- C. Commercial Blocks. Blocks located in commercial districts shall not exceed 400 feet in length.
- D. Pedestrian and Bicycle Access Way Requirements. In any block in a residential or commercial district over 600 feet in length, a pedestrian and bicycle accessway with a minimum improved surface of 10 feet within a 15-foot right-of-way or tract shall be provided through the middle of the block. To enhance public convenience and mobility, such accessways may be required to connect to cul-de-sacs, or between streets and other public or semipublic lands or through greenway systems.

17.100.130 EASEMENTS

A minimum eight (8) foot public utility easement shall be required along property lines abutting a right-of-way for all lots within a partition or subdivision. Where a partition or subdivision is traversed by a watercourse, drainage way, channel or stream, the land division shall provide a stormwater easement or drainage right-of-way conforming substantially with the lines of such watercourse, and such further width as determined needed for water quality and quantity protection.

17.100.140 PUBLIC ALLEYS

- A. Public alleys shall have a minimum width of 20 feet. Structural section and surfacing shall conform to standards set by the City Engineer.
- B. Existing alleys may remain unimproved until redevelopment occurs. When development occurs, each abutting lot shall be responsible for completion of improvements to that portion of the alley abutting the property.
- C. Parking within the alley right-of-way is prohibited except as provided in Section 17.100.140(D) below.
- D. An alley with a minimum width of 28 feet may permit parallel parking on one side of the alley only.

17.100.150 RESIDENTIAL SHARED PRIVATE DRIVES

A shared private drive is intended to provide access to a maximum of two (2) dwelling units.

A. Criteria for Approval

Shared private drives may be approved by the Director when one or more of the following conditions exist:

1. Direct access to a local street is not possible due to physical aspects of the site including size, shape, or natural features.
2. The construction of a local street is determined to be unnecessary.

B. Design

1. A shared private drive constructed to city standards shall not serve more than two (2) dwelling units.
2. A shared access easement and maintenance agreement shall be established between the two units served by a shared private drive. The language of the easement and maintenance agreement shall be subject to approval by the Director. Such easements shall be recorded in the Deed Records of Clackamas County.
3. Public utility easements shall be provided where necessary in accordance with Section 17.100.130.
4. Shared private drives shall be fully improved with an all weather surface (e.g. concrete, asphalt, permeable pavers) in conformance with city standards. The pavement width shall be 20 feet.
5. Parking shall not be permitted along shared private drives at any time and shall be signed and identified accordingly.

17.100.160 PUBLIC ACCESS LANES

Public access lanes are designed to provide primary access to a limited number of dwellings where the construction of a local street is not necessary. Public access lanes are intended to serve a maximum of six (6) dwelling units.

A. Criteria for Approval

Public access lanes may be approved by the Director when certain conditions exist which make the construction of a standard local street unnecessary. Approval of public access lanes shall be based on one or more of the following:

1. Physical conditions such as natural features, unusual lot size, shape, or other unique features prevent the construction of a local street.
2. It is determined that construction of a local street is not necessary to facilitate orderly development of a future street system.
3. It is determined that there are no logical extensions of an existing local street to serve the site.

B. General Provisions

1. A public access lane may serve a maximum of six (6) dwelling units.
2. Public access lanes are subject to spacing requirements of Section 17.100.120.
3. Public utility easements shall be provided where necessary in accordance with Section 17.100.130.

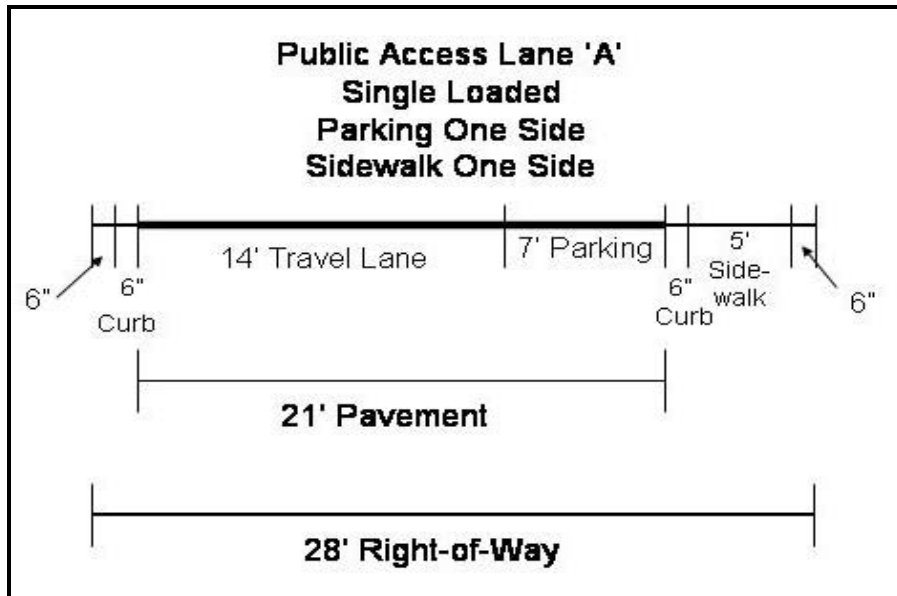
4. If a public access lane is designed as a dead end, a turnaround shall be provided at the point where the lane terminates. The design of the turnaround shall be subject to approval by the Director and the Fire Department.
5. Parking shall be prohibited in public access lane turnarounds.
6. Street lighting may be required in public access lanes for traffic and pedestrian safety.

C. Public Access Lane Design

1. Public Access Lane 'A' (Figure 17.100 - A)

- a) Public access lane 'A' is designed to be single loaded and provide access to lots located on one side of the lane only.
- b) Public access lanes shall be constructed to city standards and must meet the required dimensions as specified in this section.
- c) Curbside sidewalks on the side of the lane which abuts lot frontage are along public access lanes to achieve specified dimensions.
- d) Planter strips are not required along public access lanes due to the minimal lots served. Lots abutting a public access lane are required to have street trees planted in accordance with Section 17.100.290.
- e) Parking is permitted on one side of a public access lane 'A' as shown in Figure 17.100 - A. Parking shall be permitted on the side of the lane that abuts lot frontages only. Signage shall be displayed to indicate the parking regulations along the lane and in the turnaround.

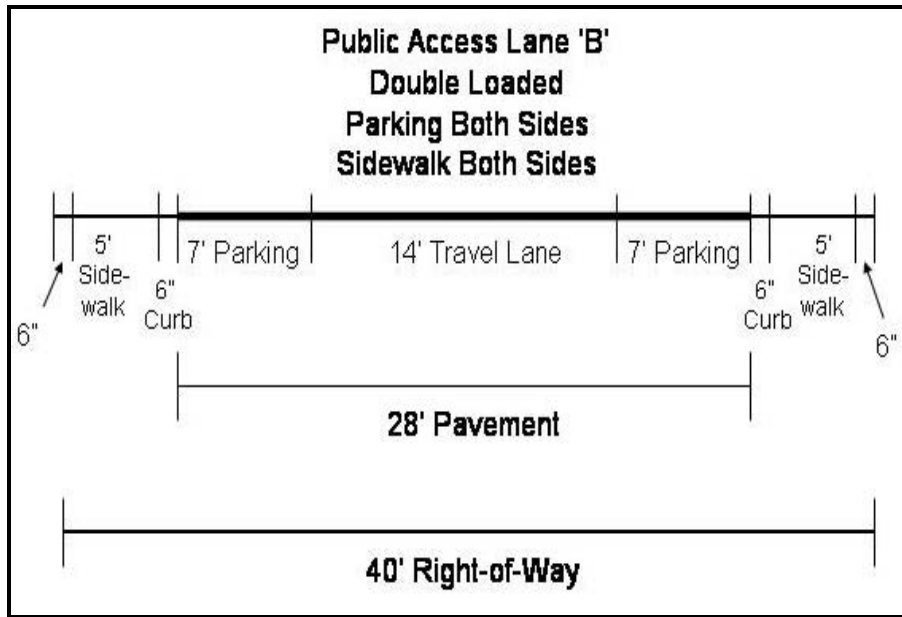
Figure 17.100 – A: Public Access Lane ‘A’



2. Public Access Lane Option ‘B’ (Figure 17.100 - B).

- a) Public access lane ‘B’ is designed to be double loaded and provide access to lots located on both sides of the lane.
- b) Public access lanes shall be constructed to city standards and must meet the required dimensions as specified in this section.
- c) Curbside sidewalks are required along both sides of the access lane to achieve specified dimensions.
- d) Planter strips are not required along public access lanes due to the minimal lots served. Lots abutting a public access lane are required to have street trees planted in accordance with Section 17.100.290.
- e) Parking is permitted on both sides of a public access lane ‘B’ as shown in Figure 17.100 - B. Signage shall be displayed to indicate the parking regulations along the lane and in the turnaround.

Figure 17.100 – B: Public Access Lane ‘B’



17.100.170 FLAG LOTS

Flag lots can be created where it can be shown that no other street access is possible to achieve the requested land division. The flag lot shall have a minimum street frontage of 15 feet for its accessway. The following dimensional requirements shall apply to flag lots:

- A. Setbacks applicable to the underlying zoning district shall apply to the flag lot.
- B. The access strip (pole) may not be counted toward the lot size requirements.
- C. The accessway shall have a minimum paved width of 10 feet.

17.100.180 INTERSECTIONS

- A. Intersections. Streets shall be laid out so as to intersect as nearly as possible at right angles. A proposed intersection of two new streets at an angle of less than 75 degrees shall not be acceptable. No more than two streets shall intersect at any one point unless specifically approved by the City Engineer. The city engineer may require left turn lanes, signals, special crosswalks, curb extensions and other intersection design elements justified by a traffic study or necessary to comply with the Development Code.
- B. Curve Radius. All local and neighborhood collector streets shall have a minimum curve radius (at intersections of rights-of-way) of 20 feet, unless otherwise approved by the City Engineer. When a local or neighborhood collector enters on to a collector or arterial street, the curve radius shall be a minimum of 30 feet, unless otherwise approved by the City Engineer.

17.100.190 STREET AND TRAFFIC CONTROL SIGNS

The City Engineer shall specify the type and location of traffic control signs, street signs and/or traffic safety devices.

17.100.200 STREET SURFACING

Public streets, including alleys, within the development shall be improved in accordance with the requirements of the City or the Oregon Standard Specifications. All streets shall be paved with asphaltic concrete or Portland cement concrete surfacing. Where required, speed humps shall be constructed in conformance with the City's standards and specifications.

17.100.210 STREET LIGHTING

A complete lighting system (including, but not limited to: conduits, wiring, bases, poles, arms, and fixtures) shall be the financial responsibility of the subdivider on all cul-de-sacs, local streets, and neighborhood collector streets. The subdivider will be responsible for providing the arterial street lighting system in those cases where the subdivider is required to improve or front on an arterial street. Standards and specifications for street lighting shall conform to IESNA roadway illumination standards and the City's streetlighting guidelines

17.100.220 LOT DESIGN

- A. The lot arrangement shall be such that there will be no foreseeable difficulties, for reason of topography or other conditions, in securing building permits to build on all lots in compliance with the Development Code.
- B. The lot dimensions shall comply with the minimum standards of the Development Code. When lots are more than double the minimum lot size required for the zoning district, the subdivider may be required to arrange such lots to allow further subdivision and the opening of future streets to serve such potential lots.
- C. The lot or parcel width at the front building line shall meet the requirements of the Development Code and shall abut a public street other than an alley for a width of at least 20 feet. A street frontage of not less than 15 feet is acceptable in the case of a flag lot division resulting from the division of an unusually deep land parcel that is of a size to warrant division into not more than two parcels.
- D. Double frontage lots shall be avoided except where necessary to provide separation of residential developments from arterial streets or to overcome specific disadvantages of topography or orientation.
- E. Lots shall not take access from major arterials, minor arterials or collector streets if access to a local street exists. When driveway access from major or minor arterials may be necessary for several adjoining lots, the Director or the Planning Commission may require that such lots be served by a common access drive in order to limit traffic conflicts on such streets. Where possible, driveways shall be designed and arranged to avoid requiring vehicles to back into traffic on minor or major arterials.

17.100.230 WATER FACILITIES

Water lines and fire hydrants serving the subdivision or partition, and connecting the development to City mains, shall be installed to provide adequate water pressure to serve present and future consumer demand. The materials, sizes, and locations of water mains, valves, service laterals, meter boxes and other required appurtenances shall be in accordance with American Water Works Association and the Oregon Standard Specifications standards of the Fire District, the City, and the Oregon Health Authority Drinking Water Services section.

If the City requires the subdivider to install water lines in excess of eight inches, the City may participate in the oversizing costs. Any oversizing agreements shall be approved by the City manager based upon council policy and dependent on budget constraints. If required water mains will directly serve property outside the subdivision, the City may enter into an agreement with the subdivider setting forth methods for reimbursement for the proportionate share of the cost.

17.100.240 SANITARY SEWERS

Sanitary sewers shall be installed to serve the subdivision and to connect the subdivision to existing mains. Design of sanitary sewers shall take into account the capacity and grade to allow for desirable extension beyond the subdivision.

If required sewer facilities will directly serve property outside the subdivision, the City may enter into an agreement with the subdivider setting forth methods for reimbursement by nonparticipating landowners for the proportionate share of the cost of construction.

17.100.250 SURFACE DRAINAGE AND STORM SEWER SYSTEM

- A. Drainage facilities shall be provided within the subdivision and to connect with off-site drainage ways or storm sewers. Capacity, grade and materials shall be by a design approved by the city engineer. Design of drainage within the subdivision shall take into account the location, capacity and grade necessary to maintain unrestricted flow from areas draining through the subdivision and to allow extension of the system to serve such areas.
- B. In addition to normal drainage design and construction, provisions shall be taken to handle any drainage from preexisting subsurface drain tile. It shall be the design engineer's duty to investigate the location of drain tile and its relation to public improvements and building construction.
- C. The roof and site drainage from each lot shall be discharged to either curb face outlets (if minor quantity), to a public storm drain or to a natural acceptable drainage way if adjacent to the lot.

17.100.260 UNDERGROUND UTILITIES

All subdivisions or major partitions shall be required to install underground utilities (including, but not limited to, electrical, fiber, cable, and telephone wiring). The utilities shall be installed pursuant to the requirements of the utility company.

17.100.270 SIDEWALKS

Sidewalks shall be installed on both sides of a public street and in any special pedestrian way within the subdivision.

17.100.280 BICYCLE ROUTES

If appropriate to the extension of a system of bicycle routes, existing or planned, the Director or the Planning Commission may require the installation of bicycle lanes within streets. Separate bicycle access ways may be required to reduce walking or cycling distance when no feasible street connection is available.

17.100.290 STREET TREES

Where planting strips are provided in the public right-of-way, a master street tree plan shall be submitted and approved by the Director. The street tree plan shall provide street trees approximately every 30' on center for all lots.

17.100.300 EROSION CONTROL

Grass seed planting shall take place prior to September 30th on all lots upon which a dwelling has not been started but the ground cover has been disturbed. The seeds shall be of an annual rye grass variety and shall be sown at not less than four pounds to each 1000 square feet of land area.

17.100.310 REQUIRED IMPROVEMENTS

The following improvements shall be installed at no expense to the City, consistent with the standards of Chapter 17.84, except as otherwise provided in relation to oversizing.

- A. Lot, street and perimeter monumentation
- B. Mailbox delivery units
- C. Sanitary sewers
- D. Stormwater drainage facilities
- E. Sidewalks
- F. Street lights
- G. Street name signs
- H. Street trees
- I. Streets
- J. Traffic control devices and signs
- K. Underground communication lines, including broadband (fiber), telephone, and cable.
Franchise agreements will dictate whether telephone and cable lines are required.
- L. Underground power lines
- M. Water distribution lines and fire hydrants
- N. Fiber (broadband)

17.100.320 IMPROVEMENT PROCEDURES

Improvements installed by a land divider either as a requirement of these regulations or at their own option shall conform to the standards of Chapter 17.84 and improvement standards and

specifications adopted by the City. Improvements shall be installed in accordance with the following general procedure:

- A. Improvement work shall not start until plans have been checked for adequacy and approved by the City Engineer. To the extent necessary for evaluation of the proposal, improvement plans may be required before approval of the tentative plan of a partition or subdivision.
- B. Improvement work shall not start until after the City is notified. If work is discontinued for any reason it shall not resume until the City is notified.
- C. Improvements shall be constructed under the inspection and to the satisfaction of the City Engineer.
- D. All improvements installed by the subdivider shall be guaranteed for a period of one (1) year following acceptance by the City Engineer. Such guarantee shall be secured by cash deposit in the amount of the value of the improvements as set by the City Engineer. Subdividers may elect to provide a subdivision maintenance bond equal to ten (10) percent of the value of the public improvements for a period of two (2) years following acceptance by the City.
- E. As-constructed plans in both digital and hard copy formats shall be filed with the City Engineer upon completion of the improvements.

17.100.330 OPTIONS FOR IMPROVEMENTS

Before the signature of the City Engineer is obtained on the final partition or subdivision plat, the applicant shall install the required improvements, agree to install required improvements, or have gained approval to form an improvement district for installation of the improvements required with the tentative plat approval. These procedures are more fully described as follows:

- A. Install Improvements. The applicant may install the required improvements for the subdivision prior to recording the final subdivision plat. If this procedure is to be used, the subdivision plat shall contain all the required certifications except the County Surveyor. The City shall keep the subdivision plat until the improvements have been completed and approved by the City Engineer. Upon City Engineer's approval, the City shall forward the final subdivision plat for certification by the County Surveyor and then to the County Clerk for recording; or
- B. Agree to Install Improvement. The applicant may execute and file with the City an agreement specifying the period within which required improvements shall be completed. The agreement shall state that if the work is not completed within the period specified, the City may complete the work and recover the full cost and expense from the applicant. A performance bond equal to 110 percent of the value of the guaranteed improvements shall be required. Performance bonds shall be issued by a surety registered to do business in Oregon. The value of the guaranteed improvements may include engineering, construction management, legal and other related expenses necessary to complete the work. The agreement may provide for the construction of the improvements in increments and for an extension of time under specified conditions; or
- C. Form Improvement District. The applicant may have all or part of the public improvements constructed under an improvement district procedure. Under this procedure the applicant

shall enter into an agreement with the City proposing establishment of the district for improvements to be constructed, setting forth a schedule for installing improvements, and specifying the extent of the plat to be improved. The City reserves the right under the improvement district procedure to limit the extent of improvements in a subdivision during a construction year and may limit the area of the final subdivision plat to the area to be improved. The performance bond described in section B above shall be required under the improvement district procedure. The formation of a Local Improvement District (LID) is entirely within the discretion of the City.

17.100.340 PERFORMANCE GUARANTEE

If the applicant chooses to utilize the opportunities provided under "A" or "B" above, the applicant shall provide a performance guarantee equal to 110 percent of the cost of the improvements to assure full and faithful performance thereof, in one of the following forms:

- A. A surety bond executed by a surety company authorized to transact business in the State of Oregon in a form approved by the City Attorney.
- B. In lieu of the surety bond, the applicant may:
 1. Deposit with the City cash money to be released only upon authorization of the City Engineer;
 2. Supply certification by a bank or other reputable lending institution that an irrevocable letter of credit in compliance with the International Chamber of Commerce Uniform Customs and Practice for Documentary Credits, UCP 600 or most current revision. has been established to cover the cost of required improvements, to be released only upon authorization of the City Engineer. The amount of the letter of credit shall equal 110% of the value of the improvements to be guaranteed; or
 3. Provide bonds in a form approved by the City Attorney.
- C. Such assurance of full and faithful performance shall be for a sum determined by the City Engineer as sufficient to cover the cost of required improvements, including related engineering and incidental expenses.
- D. If the applicant fails to carry out provisions of the agreement and the City has expenses resulting from such failure, the City shall call on the performance guarantee for reimbursement. If the amount of the performance guarantee exceeds the expense incurred, the remainder shall be released. If the amount of the performance guarantee is less than the expense incurred, the applicant shall be liable to the City for the difference.