



City of Duluth
Planning Division

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MEMORANDUM

DATE: April 4, 2016
TO: Planning Commission
FROM: Steven Robertson
SUBJECT: Suggested UDC Text Amendments for Planning Commission Review

Staff are recommending that the Planning Commission consider several UDC text amendments. Some of the text amendments correct errors, and others address standards that should be clarified or amended. With one exception (minimum parking requirements for off-street parking spaces for high schools), staff are asking for Planning Commission discussion at a public hearing in April, but then tabling most items for additional discussion and action at the May 10 Planning Commission meeting.

- 50-15.2, -15.3, and -15.5 MU-N, MU-C, and MU-B Zoning Districts (Amending Height Limits)
- 50-18.1.D Shoreland (Exceptions for Solar Equipment and Removal of Noxious Vegetation)
- 50-20.3 Commercial Uses (Revised/Expanded Use, Self-Service Storage Facility)
- 50-20.7 Adaptive Reuse of a Local Historic Landmark (Allowing in R-P Zone District)
- 50.21.3 Exceptions and Encroachments (Clarifying Egress Window and Porch Standards)
- 50-22.4 Cap Type (Clarifying Roof Slope Requirements in Form Districts)
- 50-24.2 Required Parking Spaces (Increase High School Off-Street Parking Requirements)
- 50-27.3 and -27.7 Signs (Clarifying Sight Triangle, Allowed Signs in MU-I, and Billboards)
- 50-29 Sustainability (Adding Additional Options for Compliance)
- 50-32 International Property Maintenance Code (Reference New Version)
- 50-37.9 Variance Standards (Amending to Better Conform to State Statute)

There are some additional items that the Planning Staff will bring before the Planning Commission in May that are not on this list: regulation of shipping containers, the permitted use table (theaters in F-3), and possible clarification of the standards related to platting (street names) and road extensions.

Next year, after the Comprehensive Plan update process is completed, staff will likely recommend that additional discussion and consideration be given to reexamining the form districts (such as reducing the number of individual form districts), the breadth of allowed uses in the R-2 zoning district, and the possible creation of a new residential district (between RR-2 and R-1).

II.F

50-15.2 Mixed Use-Neighborhood (MU-N).

A. Purpose.

The MU-N district is established to accommodate a mix of neighborhood-scale, neighborhood serving non-residential uses and a range of residential uses located in close proximity. This district accommodates both horizontal (uses located in separate structures) and vertical (uses located in the same building) types of mixed use. Non-residential uses may include small-scale retail, service and professional offices that provide goods and services to the residents of the surrounding neighborhood, as shown in Table 50-19.8;

**TABLE 50-15.2-1
MU-N DISTRICT DIMENSIONAL STANDARDS**

LOT STANDARDS		
Minimum lot area per family	One-family	4,000 sq. ft.
	Two-family	2,500 sq. ft.
	Multi-family	500 sq. ft.
	Efficiency unit	380 sq. ft.
	Townhouse or live-work dwelling	2,200 sq. ft.
No lot of record containing 5,000 sq. ft. or less shall be used except for a one-family dwelling or a permitted non-dwelling use		
Minimum lot frontage	One-family, two-family, or townhouse dwelling	30 ft.
	Multi-family or non-residential	50 ft.
STRUCTURE SETBACKS		
Minimum depth of front yard	One-family, non-residential, and mixed use	The smaller of 20 ft. or average of adjacent developed lots facing the same street
Minimum width of side yard	General, unless listed below	5 ft.
	Non-residential use adjacent to residential district or use	15 ft.
	Non-residential use adjacent to non-residential district or use	0 ft.
	Multi-family adjacent to single-family district or use	10 ft.
	Multi-family adjacent to multi-family district or use	0 ft.
Minimum depth of rear yard		25 ft.
STRUCTURE HEIGHT		
Maximum height of building	Non-residential use	35 45 ft.
	Residential or mixed use (general)	75 ft.
	Residential or mixed use (within 500 ft. of R-1 or R-2 district)	35 45 ft.
	Residential or mixed use (within 500 ft. of R-2)	50 ft.

Section 50.21 Dimensional standards contains additional regulations applicable to this district.

B. Example.



C. Illustration.



50-15.3 Mixed Use-Commercial (MU-C).

A. Purpose.

The MU-C district is established to provide for community and regional commercial development along commercial corridors and nodal centers. Intended non-residential uses include retail, lodging, service, and recreational facilities needed to support the community and region, as shown in Table 50-19.8. Development should facilitate pedestrian connections between residential and non-residential uses;

TABLE 50-15.3-1 MU-C DISTRICT DIMENSIONAL STANDARDS		
		LOT STANDARDS
Minimum lot area per family	Live-work dwelling	2,200 sq. ft.
	Multi-family	500 sq. ft.
	Efficiency unit	380 sq. ft.
Minimum lot frontage	Non-residential or mixed use	0 ft.
	Multi-family	50 ft.
		STRUCTURE SETBACKS
Minimum depth of front yard		0 ft.
Minimum width of side yard and rear yard	Non-residential district or use adjacent to residential or mixed use district or use	15 ft.
	Multi-family residential district or use adjacent to one-family residential district or use	10 ft.
	Non-residential use adjacent to commercial use or multi-family use adjacent to multi-family use	0 ft.
		STRUCTURE HEIGHT
Maximum height of building	Non-residential use	45 60 ft.
	Residential or mixed use	90 ft.
	Residential or mixed use (within 500 ft. of R-1 or R-2 district)	35 45 ft.
	Residential or mixed use within 500 ft. of R-2	50 ft.

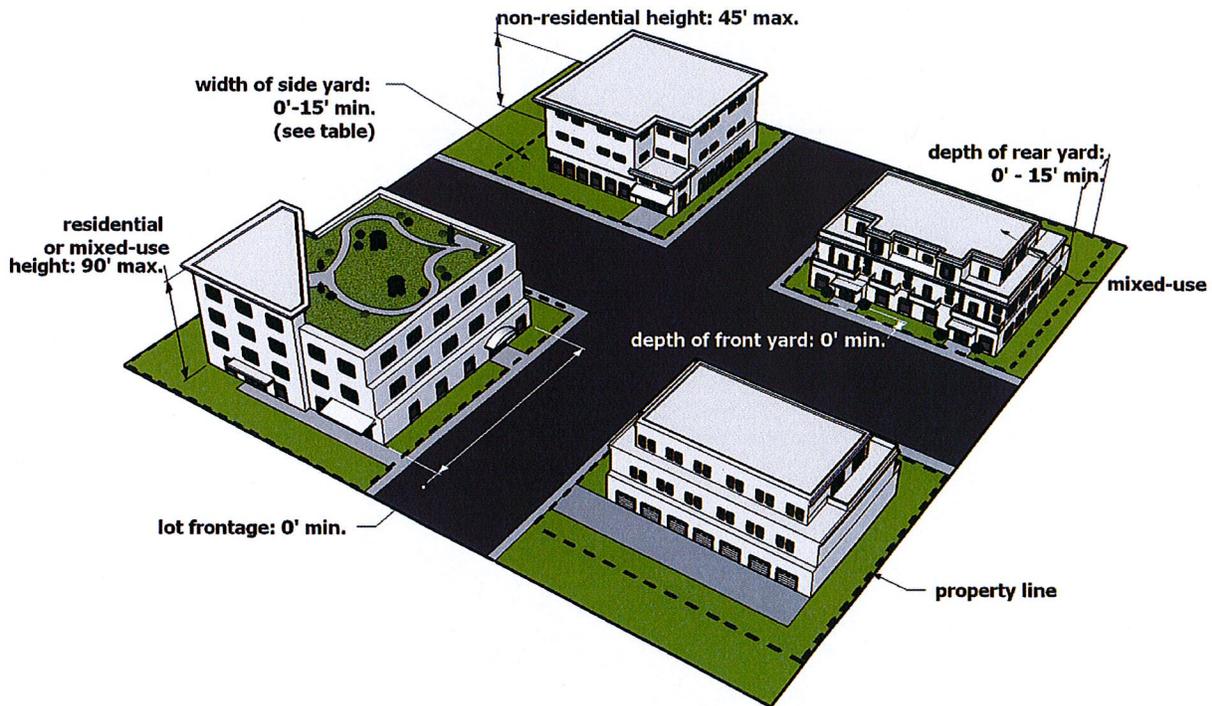
Section 50.21 Dimensional standards contains additional regulations applicable to this district.

B. Example.

MU-C Example Building Forms



C. Illustration.



D. Planning commission approval required.

A planning review by the planning commission, pursuant to the procedures in Article V, shall be required for all new development, redevelopment and expansions in the MU-C district, including but not limited to construction of driveways or other access from public streets, and construction of off-premises signs, but excluding the following:

1. Building construction or expansion of less than 500 square feet in area;
2. Building renovations that affect the exterior of structures that do not result in an increase in building square footage;
3. Grading and construction of parking areas less than 3,000 square feet.

Development may not proceed until the planning commission has approved the project through planning review;

E. Development standards.

1. The location, size and number of curb cuts shall be designed to minimize traffic congestion or hazard in the area. Any traffic control improvements required as a result of the proposal such as traffic signals, turning lanes, medians, signage and other types of improvements necessary to accommodate traffic flow to and from the proposed project shall be paid for by the property owner. Any additional right-of-way or easements needed shall be provided by the property owner at no cost to the city;
2. Any necessary public easements over the subject property shall be dedicated, and any necessary improvements within such easements or other easements adjacent to the subject property shall be made.

50-15.5 Mixed Use-Business Park (MU-B).

A. Purpose.

The MU-B district is intended to accommodate modern light industrial and technology-based developments of attractive integrated design and function. The development standards for this district are intended to ensure that projects minimize adverse impacts on surrounding uses and neighborhoods, reduce impacts on the natural environment, enhance the visual quality of development and ensure the provision of adequate and cost-efficient public facilities. Intended uses include wholesaling, industrial services, research laboratories, and light manufacturing needed to support the community and region at large, as shown in Table 50-19.8;

TABLE 50-15.5-1 MU-B DISTRICT DIMENSIONAL STANDARDS		
		STRUCTURE SETBACKS
Minimum depth of front yard	General	25 ft.
	Lots with less than 250 ft. average depth	Larger of 10 ft. or 10% of lot depth
Minimum width of side yard	Adjacent to residential use or district	6 ft.
	General	0 ft.
Minimum depth of rear yard	Adjacent to residential use or district	10 ft.
	General	0 ft.
		STRUCTURE HEIGHT
Maximum height of building	General	60 ft.
	Within 500 ft. of R-1 or R-2 district	35-45 ft.
	Within 500 ft. of R-2 district	50 ft.

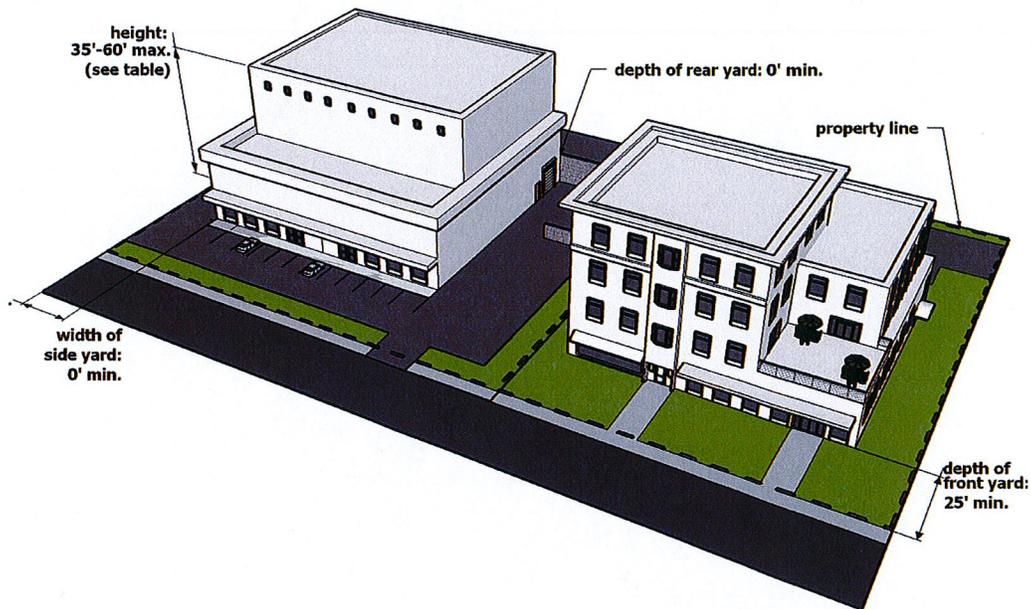
Section 50.21 *Dimensional standards* contains additional regulations applicable to this district.

B. Example.

MU-B Example Building Forms



C. Illustration.



D. Development standard.

In portions of the MU-B zone district developed after May 7, 1979, (a) all truck loading, unloading, and maneuvering areas shall be constructed in side or rear yard areas with a durable dust free material having a smooth hard surface, and shall be defined on all sides by raised cast-in-place concrete curbs, and (b) all truck loading, unloading, and maneuvering operations shall be conducted so that no truck movement interferes with ingress or egress of traffic on a street and no truck shall be required to back into loading areas from a street.

50-18.1.D Shorelands.

In furtherance of the policies declared by the state legislature, waters in the city have been classified as general development waters (GD), natural environment waters (NE) or coldwater rivers (CW). The shoreland overlay applies to lands within 1,000 feet of Lake Superior or within 300 feet of rivers, creeks, streams and tributaries and floodplains, as designated on the NR-O map. If a parcel or development lies only partially within a shoreland area, only the portion of the property within the shoreland is subject to these provisions;

1. Shoreland permit required.

The following activities and structures require a shoreland permit if located within a shoreland:

- (a) All structures;
- (b) All grading, filling and excavating;
- (c) All construction of impervious surfaces, including roads, driveways, parking areas and trails;
- (d) All removal of natural vegetation;
- (e) Any construction activity that removes or disturbs natural beach grasses on Park Point;

2. Standards for shoreland permit.

- (a) Erosion and sediment control measures shall be required for any land disturbing activity;
- (b) Grading and filling of more than 250 square feet or placement of more than ten cubic yards of material within the shore impact zone shall only be permitted if a plan for erosion control, stormwater management and shoreline buffer restoration is approved by the city and effectively implemented;
- (c) Impervious surfaces shall be designed and constructed to minimize and control runoff and erosion into the regulated waters;
- (d) Any removal of natural vegetation shall be designed to prevent erosion into regulated waters and to preserve shoreland aesthetics;
- (e) Removal of trees or shrubs in a contiguous patch, strip, row or block is prohibited in shore impact zones;
- (f) The project does not result in the proposed building being located in a shore or bluff impact zone;
- (g) Natural vegetation buffers shall be restored to the extent feasible after any project is complete;

Table 50-18.1.D-1: Minimum Shoreland Area Standards

Standards	General Development Waters ^[1]	Natural Environmental Waters	Coldwater River
Minimum setbacks from Ordinary High Water Level or highest known water level, whichever is higher			
<i>Structures</i>	50 ft.	75 ft.	150 ft.
<i>Commercial, mixed use, & industrial structures in the harbor, shown in Figure 50-18.1.- 3</i>	25 ft.	N/A	N/A
<i>Impervious surfaces in the Shore Impact Zone</i>	50 ft.	50 ft.	75 ft.
Lowest floor elevation above Ordinary High Water Level or highest known water level, whichever is higher ^[2]	3 ft.		
Width of naturally vegetative buffer	50 ft.		

^[1] All Lake Superior shoreland is classified as general development waters.

^[2] For a structure located in an area where FEMA has established a base flood elevation, the structure is exempt from this shoreland elevation requirement, but must meet flood plain regulations.

3. Dimensional standards.

(a) No shoreland permit shall be approved unless the standards in Table 50-18.1.D-1 are met or a variance obtained pursuant to Article V;

(b) Exceptions to dimensional standards.

i. Commercial, mixed use, & industrial structures in the harbor, shown in Figure 50-18.1-3: 0 feet setback for grain elevators, cranes, loading bins, and other equipment necessary for loading and unloading, including impervious surface necessary to support these activities;

ii. Public trails no more than ten feet wide may be constructed within these setbacks, provided that a minimum amount of natural vegetation is removed and provided that permits are obtained from the DNR and MPCA, if required;

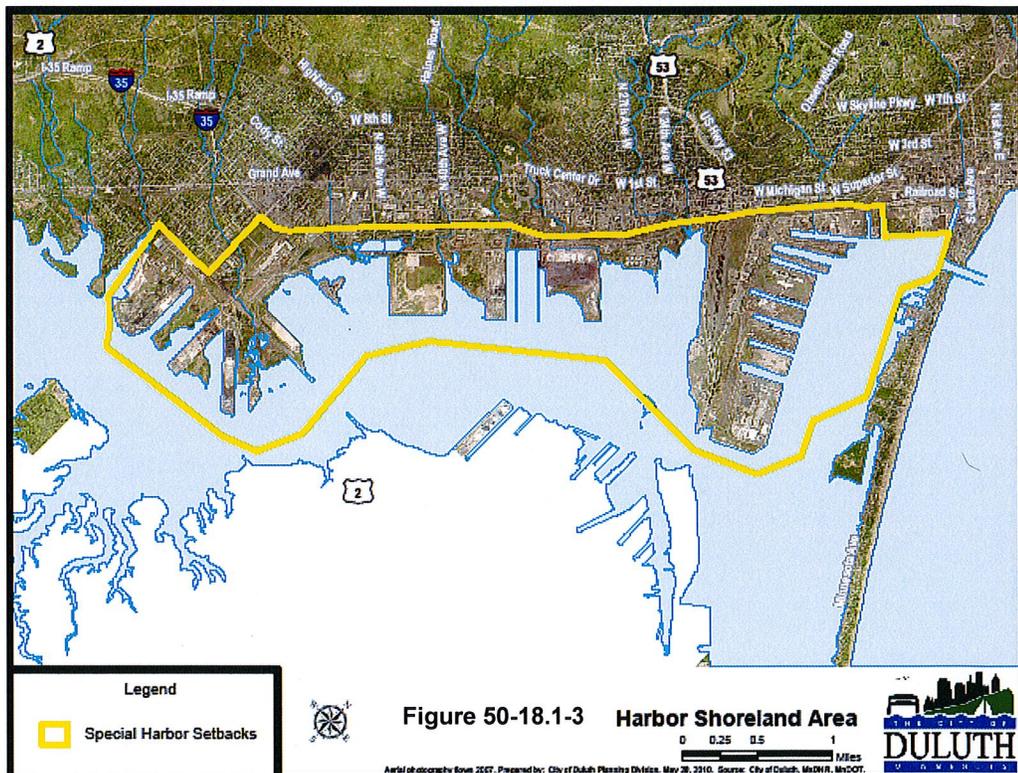
iii. Properties in Stormwater Zone B, as defined in Section 50-18.1E.3(f), that have been previously developed with 75 percent or greater impervious surface may use one of the following methods to determine building setback:

- Use the impervious surface setback for the shoreland classification as the building setback.
- When principal structures exist on the adjoining lots on both sides of the proposed building site, the structure setbacks can be altered to conform to the adjoining setbacks, provided the proposed building site is not located within the setback required for the naturally vegetative buffer;

iv. Park equipment such as playground structures and ball fields (but not including structures such as garages, storage buildings, toilets or warming houses) may be placed closer than the required structure setback provided they lie outside the area required for the native vegetative buffer;

v. Ground or pole mounted solar or wind power collection systems may be placed closer than the required structure setback provided they lie outside the area required for the naturally vegetative buffer;

vi. Removal of invasive vegetative species, provided there is replacement with non-invasive and non-harmful species, is allowed within the naturally vegetative buffer area with an approved shoreland permit.



4. Uses and special use permits.
 - (a) Those permitted and special uses shown in Table 50.19.8, subject to the issuance of any shoreland permit required by subsection D.1 and compliance with the standards of subsection D.2, except as listed below. Agricultural uses are not permitted in the shore impact zone. Within shoreland areas that are outside of the shore impact zone, agricultural uses are permitted if steep slopes are maintained in permanent vegetation or the land is operated under an approved conservation plan from the St. Louis County Soil and Water Conservation District;
 - (b) All industrial uses, including mining, extraction and storage, on coldwater rivers or natural environmental waters require a special use permit pursuant to Article V. The application for a special use permit must include a thorough evaluation of the topographic, vegetation and soils conditions on the site;
 - (c) Standards for special use permit:
 - (i) Compliance with all development requirements for shorelands in this Section 50-18.1.D;
 - (ii) Prevention of soil erosion, stormwater runoff or other possible pollution of public waters, both during and after construction or use;
 - (iii) Restoration of the shoreline buffer to a natural state;
 - (iv) Screening of structures and other facilities as viewed from regulated waters, as shown on the NR-O map;
5. Subdivisions.

New subdivisions in the shoreland area shall meet the following requirements:

 - (a) The land shall not be subdivided until the land has been rezoned into the R-P zone district, and the concept and detailed development plans required in the R-P districts shall be designed to comply with the provisions of this Section 50-18.1.D;
 - (b) A buffer at least 50 feet in width, consisting of trees, shrubs and ground cover of plants and understory in a natural state, is required within a line parallel to the ordinary high water level or highest known water level, whichever is higher, and as close to the ordinary high water level as topography and the health of the plants will permit;
 - (c) After construction is completed, the owner of the property shall be responsible for any continued need for erosion and sediment control and restoration on the property;
6. Nonconforming lots of record.

Lots of record in the office of the county recorder on November 19, 2010, may be allowed an exception from the structure setback requirement in subsection D.3. If the lot of record cannot be developed under the setback requirements of subsection D.3, then:

 - (a) The lot may be developed without a variance if (1) principal structures exist on the adjoining lots on both sides of a proposed building site, and (2) the proposed structure will be located no closer to the protected shore than the principal structure on either adjoining site, and (3) the resulting adjusted setback does not result in the proposed building being located in a shore impact zone; or
 - (b) The lot may be developed if a variance is obtained pursuant to Article V;

K. Grocery store, small and large.

1. Merchandise shall not be located within or obstruct required parking and pedestrian and vehicular circulation areas;
2. Outdoor display is for the temporary display of merchandise and not for the permanent storage of stock;

L. Mini-Self-service storage facility.

This use shall comply with the following standards when located in the RR-1, MU-B, I-G and I-W districts:

1. The use shall be contained within an enclosed building or buildings;
2. If the use abuts a residential zone district on any property line, building architecture shall employ sloped roofs and shall display wall relief features and colors commonly found in residential construction;
3. The use shall be designed so that doors to individual storage units do not face any abutting street frontage;
4. At least 50 percent of the wall surface area of any wall facing an abutting public street shall be faced with brick or split-block materials. Exposed concrete masonry unit (CMU) construction is not permitted on those facades;
5. Hours of public access to mini-storage units abutting one or more residential zone districts shall be restricted to the period from 6:00 a.m. to 10:00 p.m.;
6. Signage shall be limited to one 40 square ~~feet~~ foot illuminated pole free-standing sign and 20 square feet of non-illuminated wall signage. Signs shall not be located closer than ten feet to the front property line and no closer than 50 feet to any side property line;
7. Mini-Self-service storage facilities in the RR-1 district are only allowed on properties ~~within the RR-1 district~~ that are also within the Airport Overlay District Safety Zone B. There shall be a ~~minimum of 50 feet~~ of landscaped or naturally vegetated buffer from a minimum width of 50 feet along all property lines in addition to a dense urban screen along all side and rear property lines;
8. ~~In the R districts a dense urban screen shall be installed along all side and rear property lines;~~

This use shall comply with the following standards when located in the F-5, F-7, and F-8 districts:

1. This use must be completely contained within an enclosed building;
2. This use is not permitted on the ground floor or any upper floor, however, office functions related to this use may be on the ground floor;
3. Access to the storage units may not be provided from the primary street. Where the access is on a secondary street, parking must be available within 30 feet of the doorway and the doorway may not be a roll up door;
4. Signage for this use is permitted as any other commercial use in Sec. 50-27;

M. Office.

1. In the MU-I district, offices are limited to those in support of the permitted institutional uses in the district; general offices unrelated to the activities of those institutions are not permitted;
2. In the MU-B district, offices are limited to those in support of the permitted industrial uses in that zone district; general offices unrelated to the activities of those institutions are not permitted;
3. In the F-6 district, offices may not have drive-through facilities;

N. Other outdoor entertainment or recreation use not listed.

accordance with Minn. Stat. § 152.29, subd. 1(a), as may be amended, and the requirements of the commissioner of the Minnesota department of Health or other applicable state law.

Medical cannabis laboratory. Medical cannabis laboratory shall mean an independent laboratory permitted to test medical cannabis produced by a medical cannabis manufacturer in accordance with Minn. Stat. § 152.29, subd. 1(b), as may be amended, and the requirements of the commissioner of the Minnesota department of health or other applicable state law.

Medical cannabis manufacturer. Medical cannabis manufacturer shall mean the definition for same provided under Minn. Stat. § 152.22, subd. 7, as may be amended.

Medical or dental clinic. An establishment where patients who are not lodged overnight are admitted for examination and treatment by a group of licensed health care practitioners, dentists, or licensed health care practitioners and dentists in practice together.

Migratory bird flight path. The zone of jurisdictional land located from the Lake Superior and Saint Louis River shorelines to no less than two miles inland or where Skyline Parkway runs parallel to the shoreline, an area from the shoreline to Skyline Parkway or two miles inland, whichever is greater.

Mining, extraction and storage. The extraction, removal or the processing of sand, clay, loam, gravel, rock, top soil or fill materials (exclusive of sod) for commercial purposes, except as a necessary incident to any construction on the premises.

~~**Mini storage facility.** A building or group of buildings in a controlled access and fenced compound that contains varying sizes of individual, compartmentalized and controlled access units or lockers.~~

Minor system. Those other city drainage systems that empty into the major system, which mainly consists of storm sewer, culverts and smaller open channel sections such as swales and small ditches.

Minor utilities. A piece or system of service equipment or infrastructure that is necessary to support development within the immediate vicinity and that involves only small structures. Employees typically are not located at the site on an ongoing basis. Examples include but are not limited to: electric transformer stations, gas regulator stations, telephone exchange buildings, cable equipment boxes, district power distribution lines, electric utility boxes, and well, water and sewer pumping stations.

Mixed use structure. A structure containing a mix of the four major land uses, as defined by the permitted use table in UDC Section 50-19 (residential, public, commercial, and industrial). To be considered a mixed use structure, a structure must have at least 20 percent of its total square footage used by one of the four major land uses that is different than its principal use.

Modify or modification. When used in the context of wireless telecommunications facility, the addition, removal or change of any of the physical and visually discernable components or aspects of a wireless facility, such as antennas, cabling, equipment shelters, landscaping, fencing, utility feeds, changing the color or materials of any visually discernable components, vehicular access and parking. Adding a new wireless carrier or service provider to a telecommunications tower or telecommunications site as a co-location is a modification. A modification shall not include the replacement of any components of a wireless facility where the replacement is identical to the component being replaced or for any matters that involve the normal repair and maintenance of a wireless facility without adding, removing or changing anything, nor does it include upgrades or changeouts of equipment or antennas where the replacement is of similar size and appearance.

Motor vehicle. Any self propelled vehicle designed primarily for transportation of person or goods. It does not include an electric personal wheelchair.

Municipal separate storm sewer system (MS4). A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels or storm drains):

A. Owned or operated by a state, city, town, borough, county, parish, district, association or other public body (created by or pursuant to state law) having jurisdiction over disposal of sewage, industrial water, stormwater or other wastes. Including special district, or similar entity or an Indian tribe or an authorized Indian tribal organization or a designated and approved management agency under Section 208 of the CWA (33 U. S. C.1288) that discharges to waters of the United States;

B. Designed or used for collecting or conveying stormwater;

C. That is not a combined sewer; and

D. That is not part of a publicly owned treatment works (POTW) as defined in 40

CFR 122.2.

MPCA. Minnesota pollution control agency.

50-41.19. Definitions: S.

School, elementary. An public or private establishment providing educational services from kindergarten or Grade 1 through Grade 5, or from kindergarten or first grade through Grade 8, or some combination of those included years, together with incidental sports and outdoor activity areas.

School, middle or high. A public or private establishment providing educational services from Grade 6 through Grade 12, or from Grade 6 through 8, or from Grade 9 through Grade 12, or some combination of those included years, together with incidental sports and outdoor activity areas.

Seasonal camp or cabin. A facility containing one or more tent sites or cabins that is offered for use on short-term during defined seasons of the year, for compensation, and that may include accessory facilities such as showers, laundries or cooking and dining facilities.

Sediment. Solid mineral or organic material that, in suspension, is being transported, or has been moved from its original site by air, water, gravity or ice and has been deposited at another location.

Sedimentation. The process or action of depositing sediment that is determined to have been caused by erosion.

Self-service storage facility. A facility with controlled access that contains varying sizes of individual, compartmentalized and controlled access units or lockers leased or rented on individual leases for varying periods of time where individuals can store and remove their own personal property. This use can be located in an individual building or within multiple buildings with a fence to control access. This use is not intended for auction, commercial, wholesale or retail sales or miscellaneous or garage sales

Setback. The minimum horizontal distance between a lot line and a building or structure required by this Chapter.

Shore impact zone. Land located between the ordinary high water level of public waters and a line parallel to it at a setback of 50 percent of the required structure setback, but not less than 50 feet.

Shoreland. Lands within 1,000 feet of a lake or within 300 feet of a river and its floodplain, as shown on the NR-O map. The limits of shorelands may be less than the above limits whenever the waters involved are bounded by topographic divides that extend landward from the waters for lesser distances and when approved by the commissioner.

Sidewalk. A paved surface located in the public right of way and used as a pedestrian walkway.

Sidewalk café. An outdoor dining area located within the public right of way in front or adjoining a restaurant or other eating and drinking establishment.

Sign. Any letter, word, symbol, model, printed, projected or affixed device, poster, picture, reading matter or representation in the nature of an advertisement, announcement, direction or informative device including its structure or component parts, which is more than one square foot in area and is located outdoors or is affixed to the interior or exterior of a window or door, or is displayed within 12 inches of a window intended for viewing from the exterior of the building. A sign shall not include (a) temporary parks and recreation signs permitted pursuant to Chapter 35 of the City Code, or (b) overhead banners and devices regulated under Article III of Chapter 45 of the City Code, or (c) any street name sign, public directional, utility or transportation sign, or motor vehicle traffic signs of any kind when officially placed, or to advertising or other information affixed to any motor vehicle, provided that such vehicle's primary use is not as a stationary advertising device, or (d) any inscription on any publicly owned building when the inscription is incorporated into the architectural design as a permanent feature.

Sign, A-frame. A sign ordinarily in the shape of the letter "A," or some variation thereof, that is displayed on the ground, not permanently attached, and usually two-sided.

Sign, agricultural identification. A sign describing an agricultural use that includes the name of the farm and/or the products grown on-site.

Sign, animated. A sign that uses movement or change of lighting to depict action or to create a special effect or scene. Animated signs do not include electronic message signs.

Sign, attention getting. Flags, pennants, streamers and similar devices or ornamentations designated for the purpose of attracting attention. Flags of nations, states, and cities, or fraternal, religious and civic organizations, permanent commercial flags, or temporary holiday decorations are not considered attention getting devices.

Sign, awning. A sign that is printed or displayed upon an awning. An awning is a roof-like cover designed for protection from the weather or as a decorative embellishment, which projects from a wall or roof of a structure over a window, walkway or door, with no supports that extend to the ground.

50-20.7 Adaptive reuse of a local historic landmark.

A. Intent.

To allow for economic use of historic landmarks by allowing a variety of uses that are not normally permitted in some zoning districts. Standards for adaptive reuse are designed to ensure that the adaptive reuse of a local historic landmark is compatible with surrounding areas;

B. Applicability.

The structure must be designated as a city of Duluth local historic landmark;

C. Allowed uses.

All uses that are permitted in the MU-N zone district shall be considered as eligible for an interim use permit in R-1, ~~or R-2,~~ or R-P district;

D. Process.

In order to apply for adaptive reuse of a local historic landmark, the following must be done prior to submitting an interim use permit application.

1. Have an approved preservation plan;
2. Meet with the heritage preservation commission to solicit comments on the proposed adaptive reuse;
3. Hold a community meeting to solicit comments from the public. Notice of the community meeting shall be mailed to all property owners within 350 feet of the landmark.

Provide all comments from the heritage preservation commission and community meeting with the interim use application;

E. Standards.

1. Traffic and parking.
 - (a) The adaptive reuse structure must be able to provide required off-street parking per Section 50-24. The city may require additional parking to minimize impact on the neighborhood;
 - (b) The adaptive reuse of the site must not create additional traffic after 10:00 p.m. on local residential streets;
 - (c) The adaptive reuse of the structure will not create frequent truck traffic on local residential streets;
2. Expansion of the structure.
 - (a) There shall be no expansion made to the footprint of the existing building;
3. Screening and buffering.
 - (a) Screening standards shall be required, as listed in Section 50-26. The city may require additional screening to reduce the impact of the adaptive reuse;
4. General compatibility.
 - (a) The proposed adaptive reuse of the historic structure must not change the essential character of the neighborhood;
5. Preservation.
 - (a) The structure must be preserved according to the preservation plan on file with the heritage preservation commission;

F. Amendments to approved adaptive reuse plans.

Any amendment to the use of the historic landmark must be approved through the interim use permit process, but do not need to follow the process outlined in Section D listed above.

50-21.3 Exceptions and encroachments.

The following exceptions and encroachments to required yard areas and height limits are allowed. These provisions apply only to form districts except as specifically noted.

Table 50-21-1: Exceptions and Encroachments	
Structure or Feature	Conditions or Limits
Encroachments into Required Yard Areas	
Architectural features (sills, belt courses, eaves, cornices) awnings and canopies, bay windows, gutters and downspouts	Up to 18 in. into any required yard area
Unenclosed or lattice-enclosed stairs, <u>escapes escapes and balconies opening upon fire towers</u>	Up to 5 ft. into any required rear yard, except as required to comply with applicable fire code or Americans with Disabilities Act
Chimneys and flues	Up to 2 ft. into any required front or side setback.
Open <u>sided uncovered porch, deck, or paved terrace</u>	Up to 10 ft. into front yard, but no closer than 5 ft. from any <u>street property line on a corner lot</u>
Enclosed vestibule or fixed canopy with a floor area of not more than 40 sq. ft.	Up to 4 ft. into front yard
Fuel pumps or pump islands	Not closer than 15 ft. from any street line or closer than 50 ft. from any residential use
Fences meeting the standards of Section 50-26.4	Fences may not be located closer than 3 ft. to any publicly maintained right-of-way
Porte cochere, carport or canopy if every part is unenclosed except for necessary structural supports	Permitted in any side setback, but not less than 5 ft. from any side lot line
<u>Residential window well</u>	<u>Permitted to encroach up to two feet from any property line, provided that window well:</u> <u>(a) has a minimum distance of at least 5 feet from any structure on any adjacent property, and</u> <u>(b) does not exceed the minimum window well depth and width required by fire and building codes</u>
Accessory structures	No accessory structure may be located: (a) between a street and any façade of a primary building facing that street, or (b) closer than 10 ft. to any principal structure on an adjoining property, or (c) closer than 5 ft. to any rear lot line, or (d) closer than 3 ft. to any side lot line, except as listed for specific accessory structures below.
<i>Accessory boat dock, residential</i>	No setback required from property lines along the water
<i>Accessory clotheslines, play equipment, trash containers, odor-controlled composting bins and rainwater harvesting tanks</i>	Permitted in side and rear yards
<i>Accessory rain garden</i>	Permitted in all (front, side and rear) yards
<i>Accessory wind power equipment</i>	Permitted in side and rear yards except where prohibited by adopted building code
Exceptions to Building Height Limits	
Television and radio towers, accessory communications towers for private use, religious assembly or ornamental spires and towers, belfries, monuments, tanks, water and fire towers, stage tower or scenery lofts, cooling towers, chimneys, elevator penthouses, air conditioning penthouses, skylights, smokestacks, conveyors, storage elevators and facilities, flagpoles, accessory wind power equipment or accessory rooftop solar collectors	In the Form District, the exceptions to building height limits for religious assembly or ornamental spires and towers only apply if the applicant proposes an Iconic Building

50-22.4 Cap types.

Cap type standards apply to the cap of all building types as required in this Section.

A. General provisions.

The following provisions apply to all cap types.

1. Intent. To guide the design of building caps in order to ensure an appropriate and aesthetically pleasing cap for all buildings;
2. Applicability. All buildings must meet the requirements of one of the cap types permitted for the building type;
3. Measuring height. Refer to the definition of "height of building" in Article VI;
4. Other cap types. The Iconic building type may seek to incorporate other building caps not listed as a specific type by applying for a special use permit pursuant to Section 50-37.10, but the height may not exceed the maximum height of the tallest cap type permitted for the building type;

B. Parapet cap type.

A parapet is a low wall projecting above a building's roof along the perimeter of the building. It can be utilized with a flat or pitched roof and also serves to limit the view of roof-top mechanics from the street. (Refer to Figure 50-22.4-A)

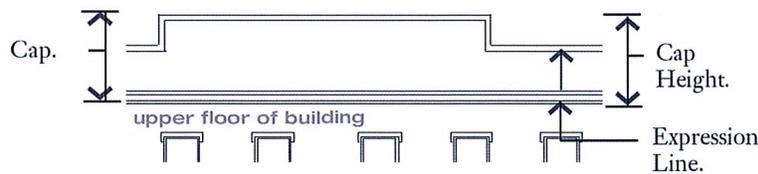


Figure 50-22.4-A: Parapet cap type

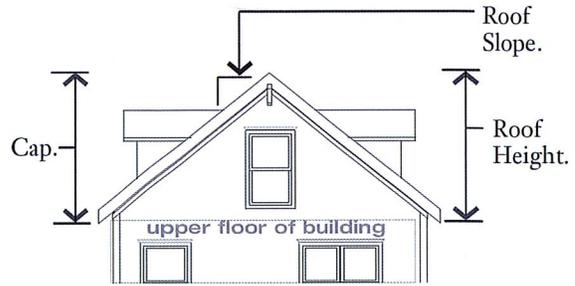
1. Parapet height. Height is measured from the top of the upper story to the top of the parapet;
 - (a) Minimum height is two feet with a maximum height of six feet;
 - (b) Cap shall be high enough to screen the roof and any roof appurtenances when viewed from the street(s) and any adjacent building of similar height;
2. Horizontal expression lines. An expression line shall define the cap from the upper stories of the building and shall also define the top of the cap;
3. Occupied space. Occupied space may not be incorporated behind this cap type;

C. Pitched roof cap type.

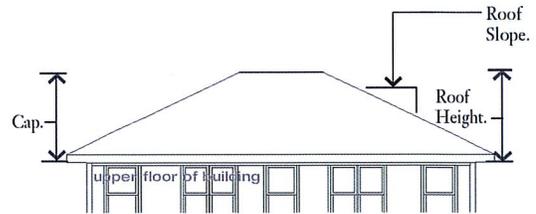
This cap type has a sloped or pitched roof. Slope is measured with the vertical rise divided by the horizontal span or run. (Refer to Figure 50-22.4-B)

1. Pitch measure. The roof may not be sloped **steeper** flatter than a 6:12 (rise:run) or **flatter** **steeper** than 16:12 (rise:run);
2. Roof types. Hipped, gabled, and combination of hips and gables with or without dormers are acceptable. Gambrel and mansard roofs are acceptable provided that when the ridge runs parallel to the street, one dormer per 15 feet of street face is required;
3. Parallel ridge line. A gabled end or perpendicular ridge line shall occur at least every 100 feet of roof for two-story buildings or higher and at least every 50 feet of roof for one-story buildings when the ridge line runs parallel to the front property line;
4. Roof height. Roof height may not be greater than the total of all floors below the roof. For single story portions of the building, roof height may not exceed one-and-one-half times the floor below the roof;

Figure 50-22.4-B: Pitched roof



Pitched Roof cap type – Gabled



Pitched Roof cap type - Hipped



Pitched Roof cap type - Gambrel



Pitched Roof cap type - Mansard

D. Flat Roof cap type

This cap type has a flat roof with overhanging eaves. (Refer to Figure 50-22.4-C)

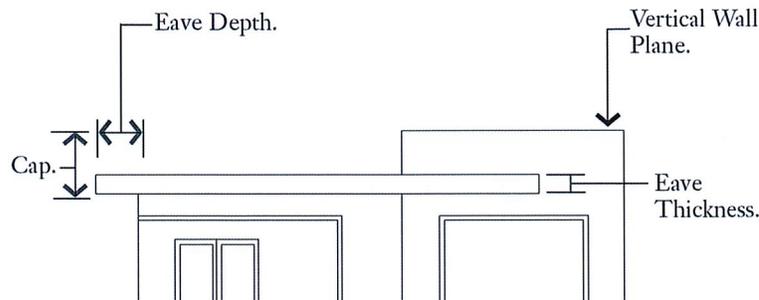


Figure 50-22.4-C: Flat roof

1. Roof types. Roofs with no visible slope are acceptable. Eaves are required on all street-facing facades;
2. Eave depth. Eave depth is measured from the building façade to the outside edge of the eave. Eaves shall have a depth of at least 12 inches;
3. Eave thickness. Eave thickness is measured at the outside edge of the eave, from the bottom of the eave to the top of the eave. Eaves shall be a minimum of six inches thick;
4. Interrupting vertical walls. Vertical walls may interrupt the eave and extend above the top of the eave with no discernible cap;
 - (a) No more than one-half of the front façade can consist of an interrupting vertical wall;
 - (b) Vertical walls shall extend no more than four feet above the top of the eave;

E. Towers.

A tower is a rectilinear or cylindrical vertical element that must be used with other cap types. (Refer to Figure 50-22.4-D)

1. Quantity. One tower is permitted per building;
2. Tower height. Maximum height, measured from the top of the upper story to the top of the tower, is the equivalent of the height of one upper floor of the building to which the tower is applied;
3. Tower width. Maximum width along all facades is one-third the width of the front facade or 30 feet, whichever is less;
4. Occupied space. Towers must be occupied by the same uses allowed in upper stories of the building type to which it is applied;
5. Tower cap. The tower may be capped by the parapet, pitched, or flat roof cap types. (Ord. No. 10044, 8-16-2010, § 6; cited only by Ord. No. 10284, 3-10-2014, § 2.)

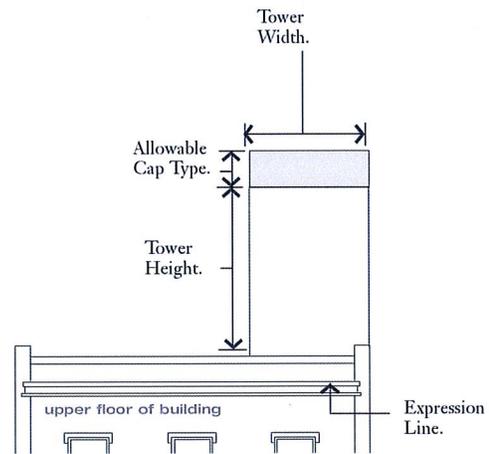


Figure 50-22.4-D: Tower

50-24.2 Required parking spaces.

In all districts there shall be provided, at the time any building or structure is erected, except as provided in Section 50-24.5, *Calculation of parking spaces*, the number of off-street parking spaces shown in Table 50-24-1, unless an exemption from or variation of this requirement is provided in another section of this Chapter.

Table 50-24-1: Off-Street parking Spaces Required

Use	Requirement* (May Be Adjusted to 30% Less or 50% More)
RESIDENTIAL USES	
Dwelling, one-family	1 space per dwelling unit
Dwelling, two-family	
Dwelling, townhouse	
Dwelling, live-work	
Co-housing facility	
Manufactured home park	
Dwelling, multi-family	1.25 space per dwelling unit
Assisted living facility (elderly)	1 space per 3 habitable units
Residential care facility	1 space per 9 residential care beds, but not less than 2 spaces
Rooming house	1 space per habitable unit
PUBLIC, INSTITUTIONAL AND CIVIC USES	
Bus or rail transit station	No requirement
Business, art, or vocational school	1 parking space for each 8 seats in the main auditorium or 3 spaces for each classroom, whichever is greater
Cemetery or mausoleum	No requirement
Club or lodge (private)	2.5 spaces per 1,000 sq. ft. of floor area
Government building or public safety facility	As determined by land use supervisor based on anticipated use and neighborhood impacts
Hospital	2 spaces per 1,000 sq. ft.
Medical or dental clinic	4 spaces per 1,000 sq. ft. of gross floor area
Museum, library or art gallery	1 space per 1,000 sq. ft. of gross floor area
Nursing home	1 space per 6 beds

Table 50-24-1: Off-Street parking Spaces Required

Use	Requirement* (May Be Adjusted to 30% Less or 50% More)
Park, playground or forest reserve	No requirement
Religious assembly	1 space per 4 seats or per 100 sq. ft. in main auditorium, whichever is greater
School, elementary	1 parking space for each 10 seats in the auditorium or main assembly room or 1 space for each classroom, whichever is greater
School, middle or high	1 parking space for each 8 seats in the main auditorium or 3 spaces for each classroom, whichever is greater
School, high	6 parking spaces for each classroom or 2 parking spaces per 1,000 square feet, whichever is greater
University or college	2 spaces per 1,000 sq. ft. of office, research and library area plus 1 space per 125 sq. ft. of auditorium space.
Other community facility or institutional support uses not listed	As determined by land use supervisor based on anticipated use and neighborhood impacts
COMMERCIAL USES	
Adult bookstore	2.5 spaces per 1,000 sq. ft. of gross floor area
Adult entertainment establishment	5 spaces per 1,000 sq. ft. of gross floor area
Agriculture	No requirement
Automobile and light vehicle repair and service	2 spaces per 1,000 sq. ft. of gross floor area
Automobile and light vehicle sales, rental or storage	2 spaces per 1,000 sq. ft. of gross floor area
Bank	3.5 spaces per 1,000 sq. ft. of gross floor area
Bed and breakfast	1 space for manager plus 1 space per habitable unit
Building material sales	1 space per 1,000 sq. ft. of gross floor area
Business park support activities	2 spaces per 1,000 sq. ft. of gross floor area
Convention and event center	1 space per 4 seats or per 100 sq. ft. in main auditorium, whichever is greater
Daycare facility	1 space per 5 persons care capacity
Data center	1 space per 1,000 sq. ft. of gross floor area
Filling station	4 spaces per 1,000 sq. ft. gross floor area plus 1 per service stall
Funeral home or crematorium	1 space per 50 square feet of floor space in slumber rooms, parlors or

Table 50-24-1: Off-Street parking Spaces Required

Use	Requirement* (May Be Adjusted to 30% Less or 50% More)
	individual funeral service rooms
Garden material sales	1 space per 1,000 sq. ft. of gross floor area
Grocery store	3 spaces per 1,000 sq. ft. of gross floor area
Golf course	2.5 spaces per 1,000 square feet of clubhouse area
Hotel or motel	2 spaces per 3 guest rooms plus 1 per 200 sq. ft. of gross floor area in all accessory uses including restaurants and meeting rooms
Indoor entertainment facility	2.5 spaces per 1,000 sq. ft. of gross floor area.
Kennel	1 space per 1,000 sq. ft. of gross floor area
Marina or yacht club	2.5 spaces per 1,000 sq. ft. of clubhouse area, plus 1 per 10 boat slips
Mini-storage facility	1 space per 20 storage units
Office	2.5 spaces per 1,000 sq. ft. of gross floor area
Parking lot or parking structure (primary use)	No requirement
Personal service or repair	2.5 spaces per 1,000 sq. ft. of gross floor area
Preschool	1 space per 5 persons care capacity
Restaurant	6.5 spaces per 1,000 sq. ft. of gross floor area
Retail store	3 spaces per 1,000 sq. ft. of gross floor area
Riding stable	No requirement
Seasonal camp or cabin	1 space for every two beds, or for each cabin or sleeping unit, whichever is greater
Theater	1 space per 6 seats or per 100 sq. ft. in main auditorium, whichever is greater
Tourist or trailer camp	2 spaces per 3 sleeping rooms, suites, or trailer spaces
Truck or heavy vehicle sales, rental, repair or storage	1 space per 1,000 sq. ft. of gross floor area
Vacation dwelling unit	1 space for 1-2 bedrooms, 2 spaces for 3-4 bedrooms, 3 spaces for 5+ bedrooms
Veterinarian or animal hospital	2.5 spaces per 1,000 sq. ft. of gross floor area
Other commercial use not listed	As determined by land use supervisor based on anticipated use and neighborhood impacts

INDUSTRIAL USES

Table 50-24-1: Off-Street parking Spaces Required

Use	Requirement* (May Be Adjusted to 30% Less or 50% More)
Airport and related facilities	As determined by airport management
<ul style="list-style-type: none"> • Electric power or heat generation plant • Electric power transmission line • Junk and salvage services • Major utility or wireless communication tower • Radio or television broadcasting tower • Railroad or shipyard and related facilities • Solar or geothermal power facility (primary use) • Truck freight or transfer terminal • Water or sewer works • Wind power facility (primary use) • Bulk storage not listed 	No requirement
<ul style="list-style-type: none"> • Contractor's shop and storage yard • Dry cleaning or laundry plant • Recycling collection point (primary use) • Solid waste disposal or processing facility 	1 per 1,000 sq. ft. of gross floor area
<ul style="list-style-type: none"> • Manufacturing, light manufacturing, heavy manufacturing, hazardous or special • Storage warehouse • Water-dependent manufacturing, light or heavy • Wholesaling 	1 per 1,000 sq. ft. of gross floor area
Research laboratory	As determined by land use supervisor based on anticipated use and neighborhood impacts
Other industrial uses not listed	As determined by land use supervisor based on anticipated use and neighborhood impacts
ACCESSORY USES	
Accessory bed and breakfast	1 space for primary use dwelling; plus 1 space per habitable unit
Accessory caretaker quarters	1 space
All other accessory uses	No requirement
TEMPORARY USES	
Temporary real estate sales office	2 spaces
All other temporary uses	No requirement

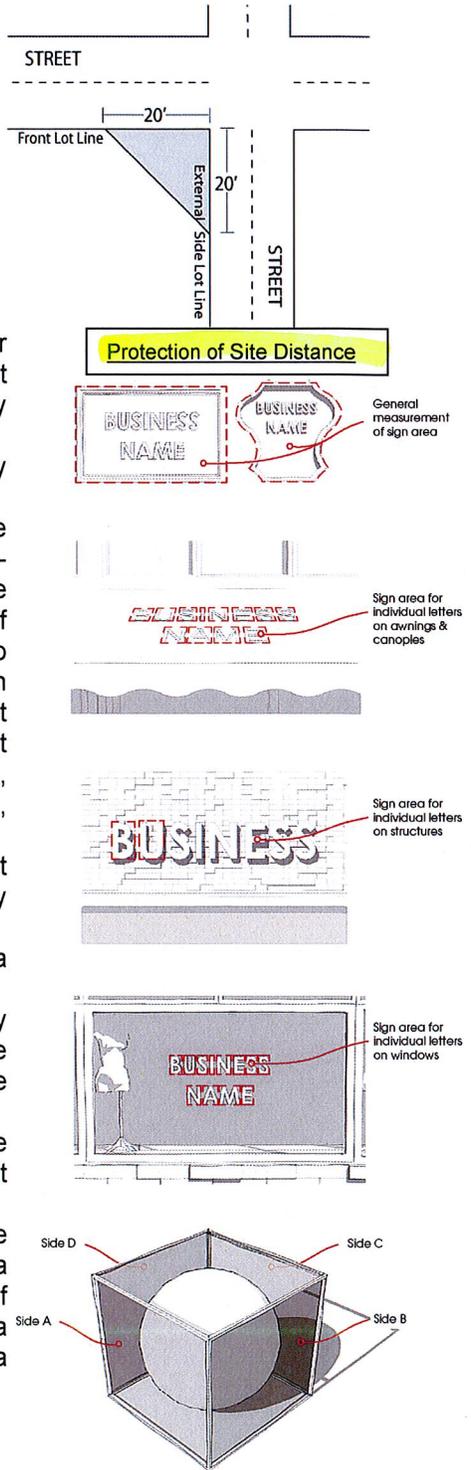
*The parking space requirement may be modified by Section 50-18.5 (Higher Education Overlay District), Section 50-24.3 (Adjustment to required off-street parking) and Section 50-24.4 (Maximum parking spaces).

50-27.3 Design and construction standards.

All signs constructed, erected, modified or altered must comply with the provisions of this Section and the requirements of the City Code.

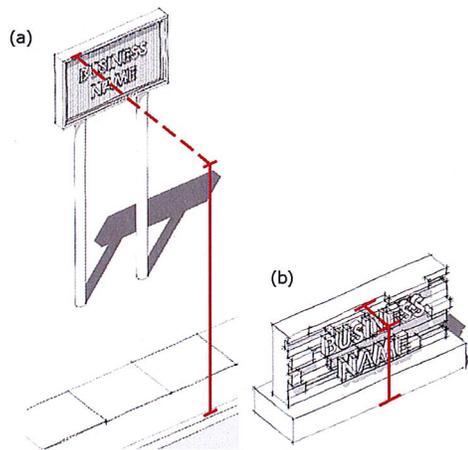
A. Prohibited sign location.

1. No sign may be erected in a location that violates the Minnesota State Building Code, Minnesota State Fire Code or other regulations;
2. No sign, other than that placed by agencies of government or a sign whose placement is authorized by this Section or the city, may be erected in the public right-of-way or on public property;
3. Signs located on public right-of-ways or on/in public or private skywalks must comply with Chapter 44A of the City Charter;
4. No sign may be erected on private property without prior consent of the property owner;
5. No sign may be erected in violation of the view obstruction provisions of Section 50-25.2.M (*Protection of site distance*) with the exception of a freestanding pole sign, if permitted in the district, with a diameter no greater than one foot and where the sign face is mounted a minimum of eight feet above grade. No sign can be erected that obstructs free and clear vision of any street, intersection, parking lot ingress or egress, or driveway;
6. No sign may be erected in a manner that obstructs access to fire escapes, any ingress or egress, or standpipes;
7. No sign may be erected on the exterior of a building to cover any windows or doors;
8. Signs on lots adjacent to state or county highways shall conform to the respective setbacks and other standards of the state and county highway departments;
9. Freestanding monument signs shall not be located closer than three feet from the lot line;
10. The supporting pole of a freestanding pole sign shall be setback from the lot line a minimum of three feet, but the sign itself may be up to the lot line. No part of a freestanding pole sign may encroach on a public right-of-way;



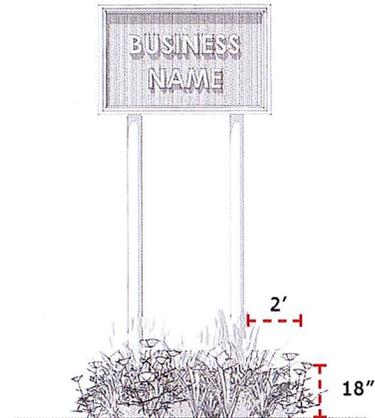
B. Sign dimension measurement methodology.

1. General measurement of sign area. Sign area is measured as follows:
 - (a) For signs on a background, the entire area of the framework or background of the sign is calculated as sign area, including any material or color forming the sign face or background used to differentiate the sign from the structure against which it is placed. Sign area does not include any supports or bracing, unless such framework or bracing is part of the message or sign face;
 - (b) For signs consisting of freestanding letters or logos, the sign area is calculated as the total area of each square, circle, rectangle or triangle, or combination thereof, that encompasses each individual letter or logo. Sign area does not include any supporting framework or bracing, unless such framework or bracing is part of the message or sign face;
 - (c) For awning and canopy signs, the sign area is the printed area of the awning or canopy, calculated as the total area of each square, circle, rectangle or triangle, or combination thereof, that encompasses each individual letter or logo;
 - (d) Window signs printed on a transparent film and affixed to the interior or exterior of a windowpane are calculated as individual letters or logos, provided that the portion of the transparent film around the perimeter of the individual letters or logos maintains 100 percent transparency of the window. Transparency is defined as both the ability to view into the interior of the establishment from the outside and to view the outside from the interior of the establishment through the same area;
 - (e) The sign area of a three-dimensional, free-form or sculptural (non-planar) sign is calculated as 50 percent of the sum of the area of the four vertical sides of the smallest cube that will encompass the sign;
 - (f) If a sign has two or more faces, the area of all faces is included in determining the area of the sign, unless the two sign faces are placed back-to-back and are no more than two feet apart. In such case, the sign area is calculated as the area of one face. If the two faces are unequal in area, the area of the larger face is used to calculate sign area;
 - (g) Necessary supports or uprights on which the sign is erected are not included in the sign area computation.
2. General measurement of sign height.
 - (a) Pole sign height is measured from the grade to the uppermost point of the sign. Grade is established by the elevation of the back of curb or, if no curb exists, from the edge of pavement at the center of the abutting street frontage where the sign will be erected. The pole sign height may also be measured from the natural slope of the lot where the sign will be erected;
 - (b) Monument sign height is measured from the existing lowest point of the ground where the monument sign is to be installed to the uppermost point of a sign;



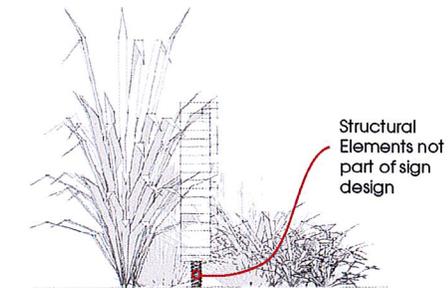
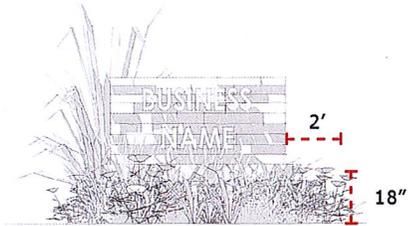
C. Construction standards.

1. Supports and braces must be designed as an integral part of the overall sign design and hidden from public view to the extent technically feasible;
2. All signs attached to a building must be installed and maintained so that wall penetrations are watertight and the structure does not exceed allowable stresses of supporting materials;
3. All signs must be designed and constructed in accordance with Minnesota State Building and Fire codes. Marquee structures must be approved by the city engineer and building safety department;
4. Glass forming any part of a sign must be safety glass;
5. All letters, figures, characters or representations in cut-out or irregular form, maintained in conjunction with, attached to or superimposed upon any sign must be safely and securely built into or attached to the sign structure;
6. Audio components are prohibited on any sign, with the exception of menuboards;
7. Any form of pyrotechnics is prohibited;



D. Electrical wiring.

1. All electrical fixtures, devices, circuits, conduits, raceways or apparatus used to illuminate, move or project any sign must be installed and maintained in accordance with Minnesota State Building Code, including the National Electrical Code. Electrical permits are required for sign installation in accordance with the Minnesota State Building Code;
2. Conduits and other components of a sign illumination system must be designed as an integral part of the overall sign structure and hidden from public view to the extent technically feasible;



E. Permit identification.

Every sign must include an identification of the permit number and name of sign installer either painted on the sign or by the application of a metallic sticker. The information must be visible from the ground with the exception of signs mounted seven or more feet above grade;

F. Required landscaping.

All freestanding signs, except in lots zoned I-G and I-WV, must be landscaped at the base of the sign in accordance with the following:

1. Freestanding signs must be landscaped with small shrubs a minimum of 18 inches in height at planting, spaced appropriately based on mature height and spread to provide continuous screening of sign base once shrubs have reached maturity. The remainder of the landscape area must be planted with perennials, turf or other live groundcover;

2. Landscape must extend a minimum of two feet from the sign base on all sides. If this two foot area extends into the right-of-way, landscape is not required within the right-of-way area. All landscape must be maintained in good condition, and free and clear of rubbish and weeds. Landscape around the base of a sign is included in the total amount of landscape required on a site, if applicable;
3. There is no requirement regarding the mature height of landscape, though landscape must be tailored to the scale of the sign. Landscape may be trimmed and maintained along the sign base to maintain visibility of the sign face;
4. When a monument sign is designed as a single structure where the pediment is constructed of similar or complimentary materials as the sign, and no structural elements that are not related to such overall design of the sign are visible, no landscape is required;

G. Required sign maintenance.

1. All signs must be maintained in a safe, neat and orderly condition and appearance, and must be repainted or otherwise maintained by the property owner to prevent corrosion or deterioration caused by the weather, age or any other condition;
2. All signs must be maintained to prevent any kind of safety hazard, including faulty sign structures, a fire hazard or an electrical shock hazard;
3. All unused sign hardware or wiring that is visible from the right-of-way must be removed;
4. If a sign is maintained in an unsafe or insecure condition, the city will give written notice to the property owner. If property owner fails to remove or alter the structure to comply with the standards of this Section, the sign may be removed by city at the expense of the property owner. The city may remove any sign that is an immediate peril to persons or property summarily and without notice;

H. Noncommercial messages.

A noncommercial message may be substituted for a commercial message on any sign permitted by this Section.

I. Permit identification.

All architectural signs on a structure announcing the original or historic name of the building, year of construction, or insignias must be maintained, and cannot be removed, altered, or covered. Such signs are not calculated as part of any sign area or maximum number of signs permitted by this Section.

50-27.7 Sign types.

A. General regulation.

The following types of signs require a zoning permit before they can be erected on a site. Table 50-27-4: Sign Types – Permit Required: District and Use Permissions describes which sign types are permitted in each district. In many districts, multiple sign types for the same development may be permitted.

TABLE 50-27-4: SIGN TYPES – PERMIT REQUIRED: DISTRICT AND USE PERMISSIONS																									
KEY (REFERENCE TABLE 50-19.8 FOR USES)																									
1 : Residential Uses						3: Commercial Uses																			
1A: Multi-Family Dwelling Only						4: Industrial Uses																			
2 : Public, Institutional and Civic Uses																									
NOTE: Accessory uses are subject to the home occupation sign standards																									
	R-C	RR-1	RR-2	R-1	R-2	R-P	MU-N	MU-C	MU-I	MU-B	MU-W	MU-P	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	I-G	I-W	P-1	
A-Frame Sign							3	3			3	3	3	3	3	3	3	3	3	3	3			2	
Awning	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	2	
Banner - Exhibition	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Billboard ¹								3 4		3 4		3 4										3 4			
Canopy	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	1A 2 3 4	2	
Electronic Message Sign ²	2	2	2	2	2	2	2	2 3 4	2 3 4	2 3 4	2	2 3 4	2	2	2	2	2	2	2 3	2 3 4	4	2	2	2	
Freestanding Signs – Pole	2	2	2	2	2	2	2 3 4	2 3 4	2 3 4	2	2 3 4	2 3 4	2												
Freestanding Signs – Monument	1 2	1 2	1 2	1 2	1 2	1 2	1 2 3 4	2																	
Marquee							3	3			3	3					3		3	3					
Projecting Sign							3 4	3 4	2 3 4	3 4	3 4														
Scoreboard	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Wall Sign	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2	

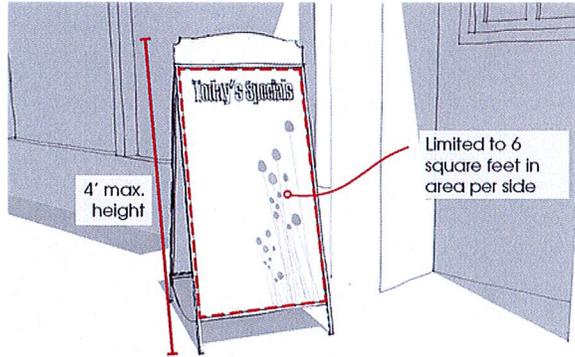
¹ Billboards are permitted on any lot within the noted districts, whether developed or undeveloped, unless such lot is developed for a one-family or two-family dwelling.

² Filling station uses in any district are permitted to display fuel prices by an electronic message component, and are subject to the restrictions of that section. Electronic message signs are not allowed in the Historic Canal Park area as identified in UDC Section 50-27.8.C. Electronic message signs are allowed in the Entertainment District area as identified in UDC Section 50-27.8.B.

B. A-frame signs.

A-frame signs are permitted as indicated in Table 50-27-4, subject to the following regulations.

1. A-frame signs are limited to six square feet in area per side and four feet in height. The use of A-frame signs is limited to business hours only and may not be displayed for more than 16 hours in a 24 hour period. Signs must be stored indoors at all other times;
2. An A-frame sign must be placed on the property where the business is located and within ten feet of the primary entrance of the business or on the right-of-way in front of property. A-frame signs must provide an unobstructed sidewalk width



of at least five feet for pedestrian passage and must not interfere with pedestrian traffic or violate standards of accessibility as required by the ADA or other accessibility codes;

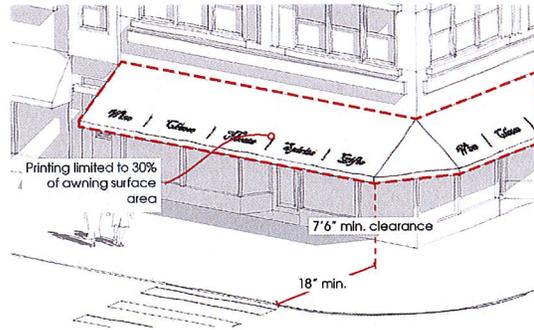
3. The permit applicant must provide and maintain in force a certificate of insurance, in a form approved by the city, that evidences that the applicant has in force insurance in the minimum amounts required by the city for bodily injuries or property damage in any one year protecting such person or organization and the City against liability for injuries or damages resulting from the placement of such objects or materials in the public right-of-way. Proof of insurance must be renewed on an annual basis;

C. Awning.

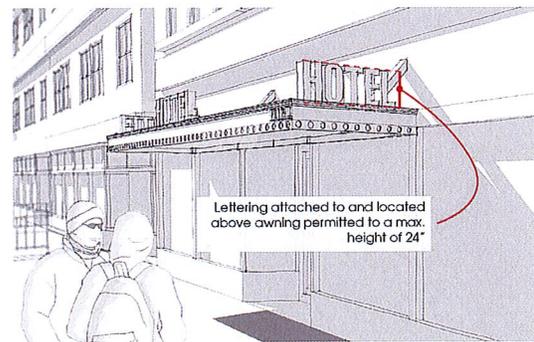
Awnings without printing, with the exception of a street address number (number only), are considered an architectural feature and are not regulated by this Section. This Section regulates awning signs, which are used to identify a use by name or logo, the goods or services offered on-site, and similar sign information. Awning signs are permitted as indicated in Table 50-27-4, subject to the following regulations:

1. Awning signs must maintain a minimum vertical clearance of seven feet six inches (7' 6");
2. Awning signs must be located a minimum of 18 inches from the back of curb;
3. Awning signs must comply with Minnesota State Building and Fire codes, including provisions for encroachment into the public right-of-way, structural requirements, sprinkler protections and similar regulations;
4. Awning signs must be made of a durable, weather-resistant material like canvas, canvas-like material, nylon, vinyl-coated fabric or metal. Solid, flat-roofed awnings may also be made out of finished wood, wood and plastic composites, metal or metal cladding, stucco or EIFS;
5. Printing on any awning sign is limited to 30 percent of the surface area;

6. Awning signs are permitted lettering attached to and located above the top of a solid awning to a maximum height of 24 inches. Signs mounted to solid, flat roofed awnings are limited to individually-mounted letters with internal illumination (if illuminated) or a sign board with external illumination – no internally illuminated cabinet signs;

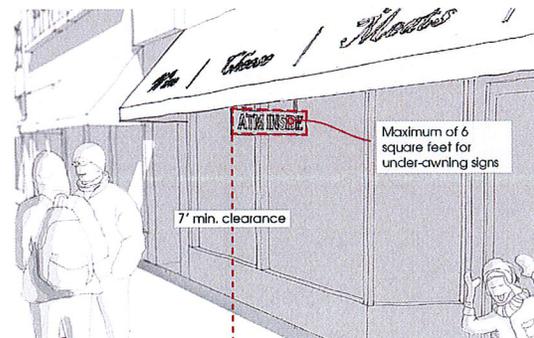


7. Awning signs may illuminate the printed area of the awning with gooseneck or similar external illumination. Back-lit awnings are prohibited;



8. Under-awning signs are permitted subject to the following:

- (a) Under-awning signs must be attached to the underside of an awning. Under-awning signs must not project beyond the awning;
- (b) Under-awning signs must maintain a minimum vertical clearance of seven feet;
- (c) A maximum of one under-awning sign is permitted per business establishment with frontage on the street where the awning is mounted;
- (d) Each under-awning sign is limited to a maximum of six square feet;

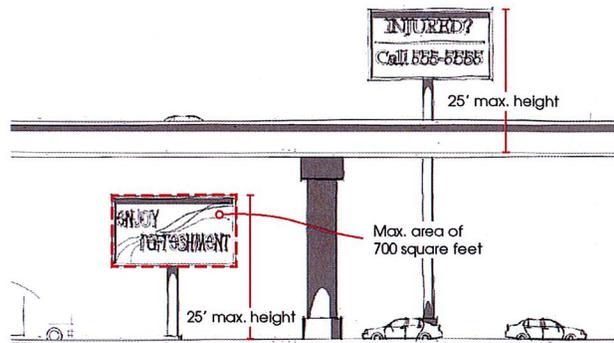
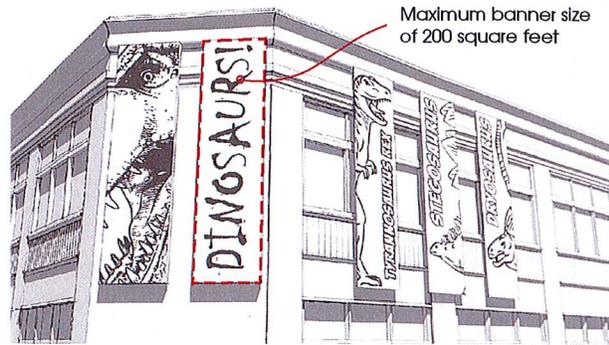


- (e) Under-awning signs must be securely fixed to the awning with metal supports;
- (f) Under-awning signs must be made of wood, metal or plastic;
- 9. A sign permit is required for recovering or resurfacing an existing awning;

D. Exhibition banners.

Exhibition banners are intended to be used in conjunction with a special exhibit for an educational facility, government building, museum, library or art gallery, or religious assembly. Exhibition banners are permitted for events and exhibitions as indicated in Table 50-27-4, subject to the following regulations:

- 1. Each use is permitted up to six exhibition banners during one display period. The display period is defined as the combined period of 30 days prior to the opening of the exhibit, the run of the exhibit, and for 14 days following the close of the exhibit. In no event may the display of exhibition banners exceed four months in any calendar year;
- 2. Exhibition banners must be made of a durable, weather-resistant material like canvas, nylon or vinyl-coated fabric;
- 3. Each exhibition banner is limited to a maximum sign area of 200 square feet;
- 4. Exhibition banners must be securely and tautly attached to the wall of the structure and no exhibition banner may be located higher than the roofline;

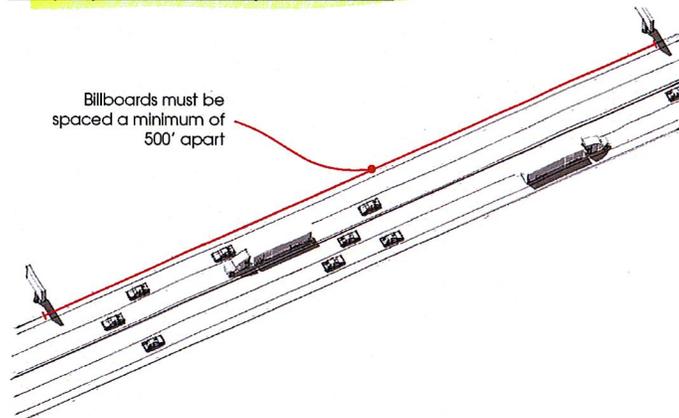


E. Billboard.

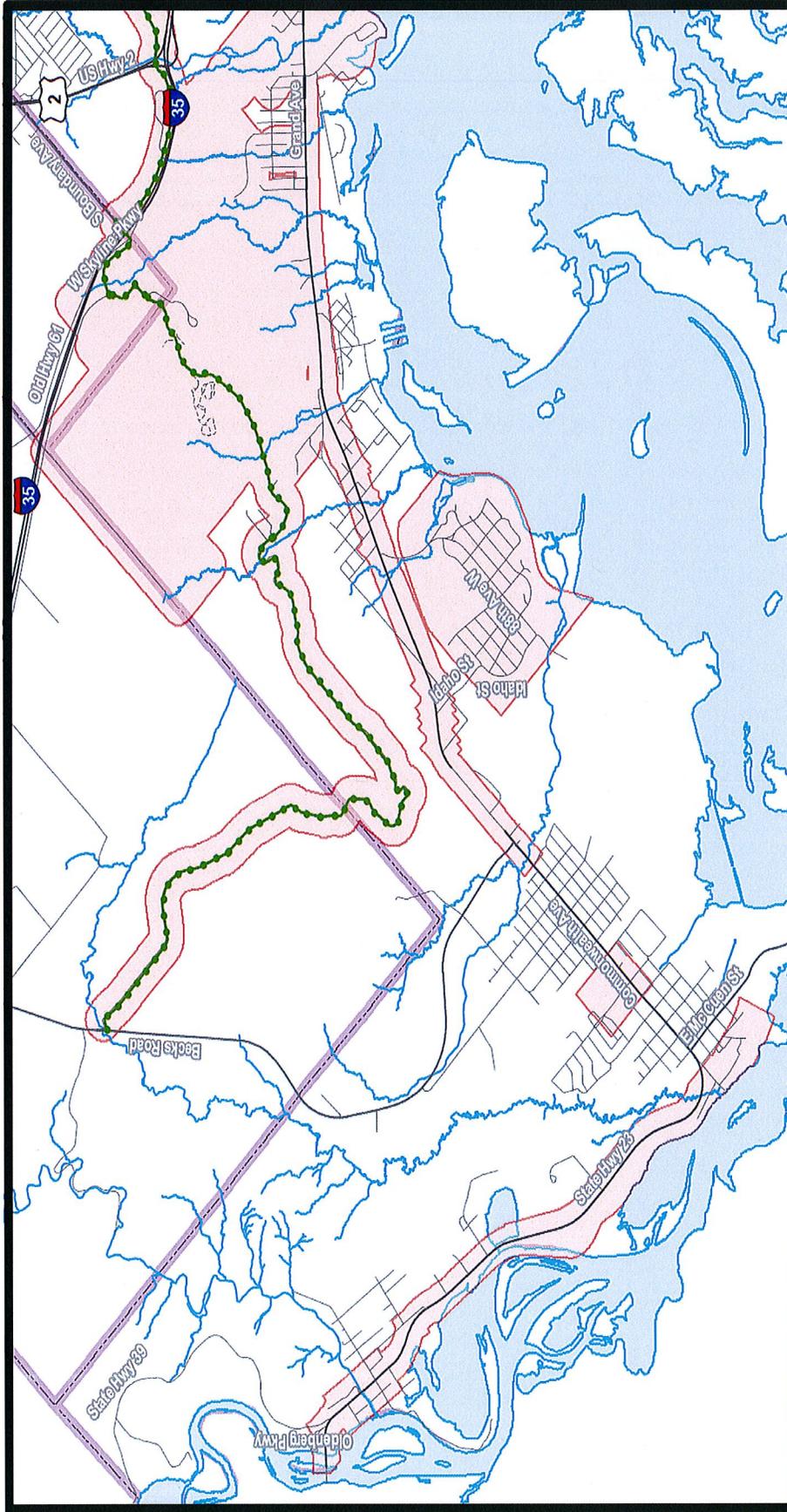
The following types of signs require a zoning permit before they can be erected on a site;

- 1. Billboards are permitted as indicated in Table 50-27-4 subject to the following regulations. However, billboards are only permitted in the MU-B and I-G districts with the use of an exception credit (Section 50-38.7). Billboards are also further restricted by the requirements of Minnesota State Statute Section 173.08, Subdivision 2, as amended from time to time;
- 2. The maximum sign area for a billboard is 700 square feet;
- 3. Billboards adjacent to on-grade roadways are limited to a maximum height of 25 feet. Billboards adjacent to grade separated/elevated roadways are permitted to measure the 25 foot height from the roadbed crown to the tallest projection of the structure. This measurement is taken at a perpendicular angle between the grade separated/elevated roadway and the sign location;
- 4. Billboards may only be mounted as freestanding pole signs. However, when an exception credit is used, billboards may be wall-mounted and are limited to the wall sign area allowed for that district;
- 5. Billboards are required to be spaced 500 feet apart, subject to the following:
 - (a) Billboards located along Interstate Highway No. 35 and Interstate Highway

- No. 535 must be spaced 800 feet apart, unless erected under an exception credit in which case only the 500 foot spacing is required;
- (b) Spacing is measured along the nearest edge of the right-of-way pavement to which the billboard is displayed and between points directly opposite the center of the billboard;
 - (c) Spacing requirements apply only to billboards located on the same side of the same highway;
 - (d) Multi-faced or back-to-back billboards, up to a maximum of a five foot separation between sign faces, are considered one billboard. Multi-faced or back-to-back electronic billboards are considered two separate billboards for the purposes of exception credits;



- 6. Electronic billboards are permitted only in the MU-C, MU-B, and I-G districts. Electronic billboards are also subject to the additional following regulations:
 - (a) An electronic billboard may only be erected if one of the following criteria is met:
 - (i) The electronic billboard is constructed using exception credits. The number of exception credits, in square footage, must equal three times the square footage of the electronic billboard to be constructed;
 - (ii) Nonconforming billboards of a total square footage are removed in an amount equal to three times the square footage of the electronic billboard to be constructed;
 - (b) Each message displayed on an electronic billboard must be static or depicted for a minimum of eight thirty seconds. Any scrolling, flashing or movement of the message is prohibited;
 - (c) The maximum brightness of an electronic billboard is limited to 5,000 nits or 464 candelas per square foot during daylight hours, and 500 nits or 46 candelas per square foot between dusk to dawn. The billboard must have an automatic dimmer control that produces a distinct illumination change from a higher allowed illumination level to a lower allowed level for the time period between one-half hour before sunset and one-half hour after sunrise;
- 7. No off-premises sign or billboard in excess of 60 square feet shall be erected or maintained in any area shown on the maps in Exhibit 50-27.8-1;
- 8. Billboards are only allowed as accessory uses on properties that have conforming principal uses and structures;



Legend

-  Skyline Parkway
-  Scenic Area
-  Municipal Boundary

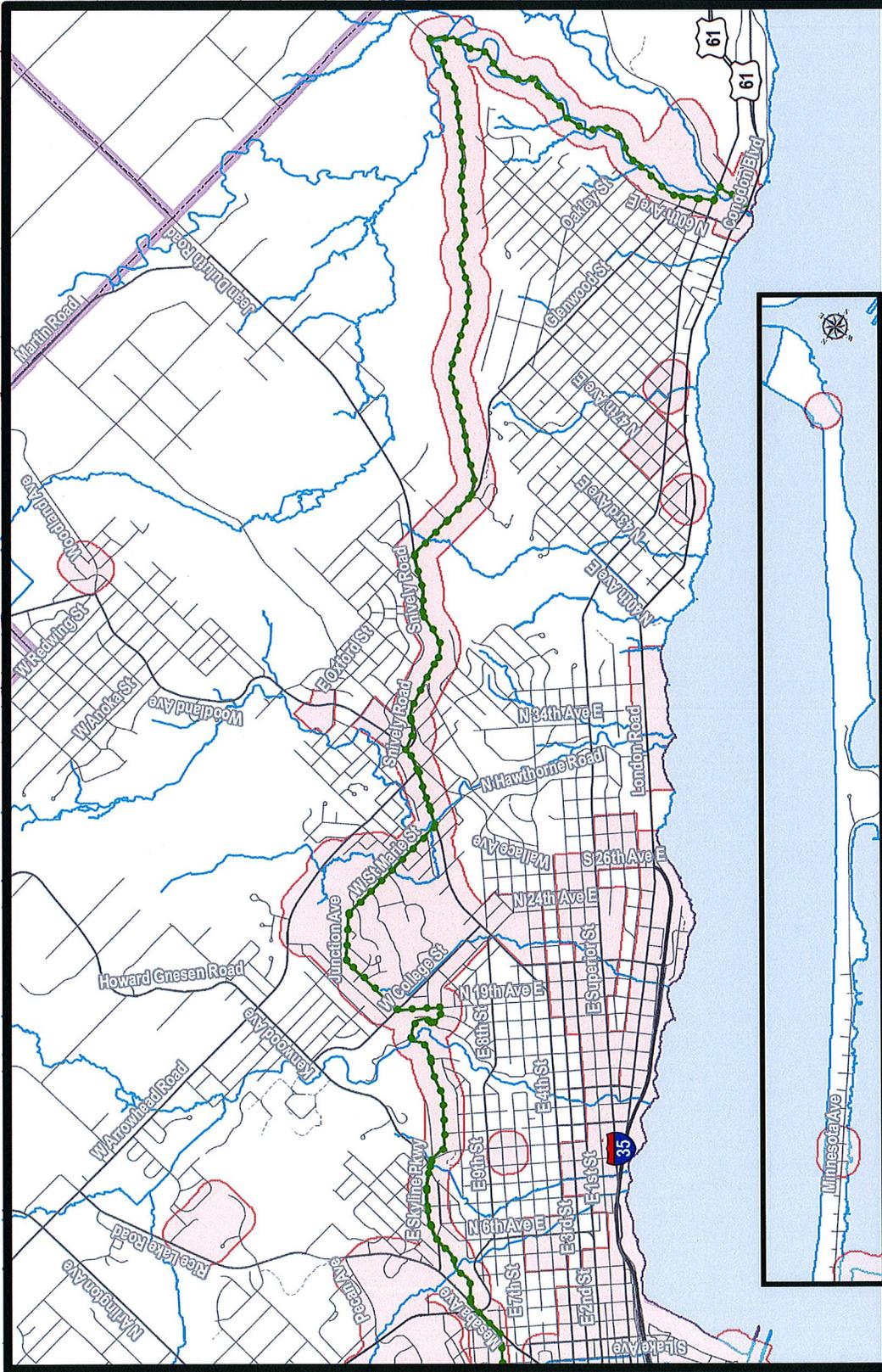


Exhibit 50-27.8-1

Scenic Areas Map 1 of 3



Aerial photography from 2008. Prepared by: City of Duluth Planning Division, December 8, 2009. Source: City of Duluth, MnDNR.



Scenic Areas Map 3 of 3

Exhibit 50-27.8-1



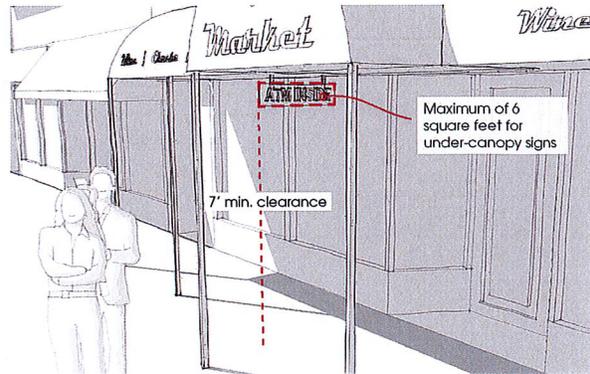
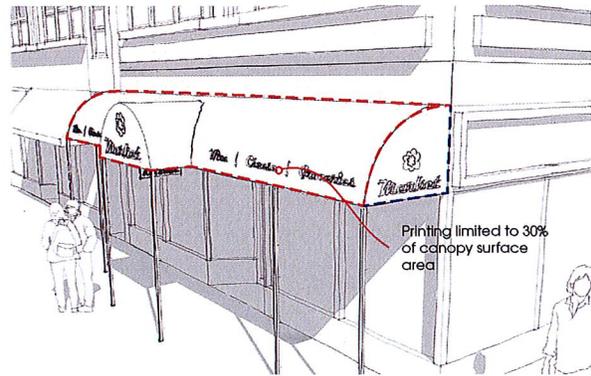
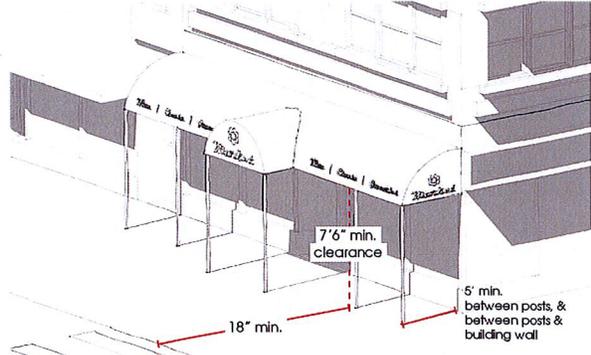
- Legend**
- Skyline Parkway
 - Scenic Area
 - Municipal Boundary

Aerial photography from 2008. Prepared by: City of Duluth Planning Division, December 8, 2009. Sources: City of Duluth, MnDNR.

F. Canopy.

Canopies without printing, with the exception of a street address number (number only), are considered an architectural feature and are not regulated by this Section. This Section regulates canopy signs, which are used to identify a use by name or logo, the goods or services offered on-site, and similar sign information. Canopy signs are permitted as indicated in Table 50-27-4 subject to the following regulations:

1. Canopy signs must maintain a minimum vertical clearance of seven feet six inches (7' 6");
2. Canopy signs must be located at least 18 inches from the back of curb. Support posts must maintain a minimum separation of five feet between posts and between the posts and any building wall. No obstructions are permitted within this area;
3. Canopy signs must comply with Minnesota State Building and Fire codes, including provisions for encroachment into the public right-of-way, structural requirements, sprinkler protections and similar regulations;
4. Canopy signs must be made of a durable, weather-resistant material like canvas, canvas-like material, nylon, vinyl-coated fabric or metal. Solid, flat-roofed canopies may also be made out of finished wood, wood and plastic composites, metal or metal cladding, stucco or EIFS;;
5. Printing on any canopy sign is limited to 30 percent of the surface area. Signs mounted to solid, flat roofed canopy are limited to individually-mounted letters with internal illumination (if illuminated) or a sign board with external illumination – no internally illuminated cabinet signs;
6. Canopies may include underside, external illumination;
7. Under-canopy signs are permitted subject to the following:
 - (a) Under-canopy signs must be attached to the underside of a canopy. Under-canopy signs must not project beyond the canopy;
 - (b) Under-awning signs must maintain a minimum vertical clearance of seven feet;
 - (c) A maximum of one under-canopy sign is permitted;
 - (d) Each under-canopy sign is limited to a maximum of six square feet;



- (e) Under-canopy signs must be securely fixed to the awning with metal supports;
- (f) Under-awning canopy must be made of wood, metal or plastic;

G. Electronic message sign.

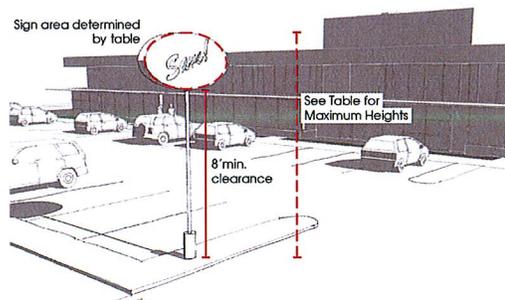
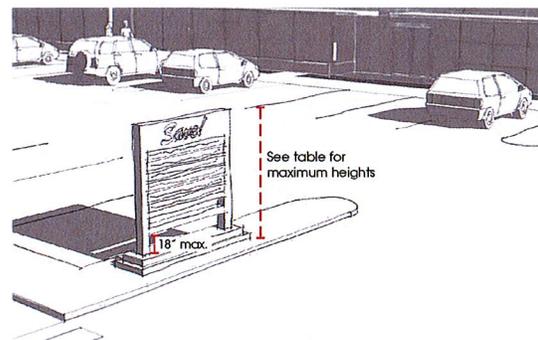
Electronic message signs are permitted as indicated in Table 50-27-4 subject to the following regulations. However, all filling stations in any district are permitted to display fuel prices by an electronic message component. Such component must only display numerical fuel prices and must be static.

1. Only one electronic message sign per lot is permitted;
2. Each message or image displayed on an electronic message sign must be static or depicted for a minimum of eight seconds. Any scrolling, flashing or movement of the message is prohibited;
3. The maximum brightness of an electronic message sign is limited to 5,000 nits or 464 candelas per square foot during daylight hours, and 500 nits or 46 candelas per square foot between dusk to dawn. The sign must have an automatic dimmer control that produces a distinct illumination change from a higher allowed illumination level to a lower allowed level for the time period between one-half hour before sunset and one-half hour after sunrise;
4. Electronic message signs are permitted as part of a freestanding sign, wall sign or marquee and, in addition, are subject to the requirements for those sign types;
5. Electronic message signs must be integrated into the larger sign structure and must include the name of the use as a non-electronic component as part of the sign structure. Electronic message signs are limited to a maximum of 60 percent of the sign area of the freestanding or wall sign with which it is integrated;
6. Electronic message signs cannot display any off-premises commercial advertising;
7. Electronic display screens are prohibited;

H. Freestanding signs-pole and monument.

Freestanding signs are permitted as indicated in Table 50-27-4, subject to the following regulations:

1. Freestanding sign maximum height and sign areas are as indicated in Table 50-27-5. Freestanding signs must be constructed of solid or composite finished wood, metal, masonry, neon, glass or nonwoven plastic;
2. Only one freestanding sign, either pole or monument, is permitted per street frontage of a lot. For each additional 200 feet of street frontage, above an initial 200 feet of frontage, an additional freestanding sign, either pole or monument, is permitted, up to a maximum of three freestanding signs;
3. All freestanding signs over seven feet in height must submit construction plans prepared by a design professional licensed in Minnesota that comply with the requirements of the Minnesota State Building Code;
4. No part of a freestanding sign may project into, over or otherwise encroach on a public right-of-way;
5. A freestanding pole sign must



maintain a minimum vertical clearance of eight feet. When the pole structure of a freestanding pole sign is wrapped in any decorative material, the decorative pole wrapping must be permanently installed. Decorative wrapping shall not be closer than three feet to the property line, and shall not be wider than 25 percent of the sign face. No temporary signs may be attached to the pole of a freestanding pole sign;

6. Freestanding monument signs may be internally or externally illuminated. If externally illuminated, all light must be directed onto the sign face. Freestanding pole signs may only be internally illuminated;

TABLE 50-27-5: FREESTANDING SIGN REGULATIONS

DISTRICT	SIGN AREA	POLE SIGN	MONUMENT SIGN
	Maximum Sign Area (Square Feet)	Maximum Sign Height (Feet)	Maximum Sign Height (Feet)
R-C	42 sf	17	6
RR-1	42 sf	17	6
RR-2	42 sf	17	6
R-1	42 sf	17	6
R-2	42 sf	17	6
R-P	42 sf	17	6
MU-N	42 sf	17	6
MU-C*	60 sf	25	8
MU-I*	50 sf	25	8
MU-B*	50 sf (Monument)	Prohibited	8
MU-W*	50 sf	20	6
MU-P*	60 sf	25	8
F-1	42 sf	17	6
F-2	42 sf	17	6
F-3	42 sf	17	6
F-4	42 sf	17	6
F-5	42 sf	17	6
F-6	42 sf	17	6
F-7	42 sf	17	6
F-8	42 sf	15	6
F-9	60 sf	25	8
I-G*	60 sf	25	8
I-W*	60 sf	25	8
P-1	42 sf	17	6

*Freestanding Pole and Monuments Signs in the MU-I, MU-B and MU-W zones are allowed a maximum of 50 square feet. However, for sites with lot frontage that exceeds 250 lineal feet, the maximum size area of the sign may equal up to 20 percent of the lineal street frontage on the street nearest the sign, up to a maximum sign area of 100 square feet.

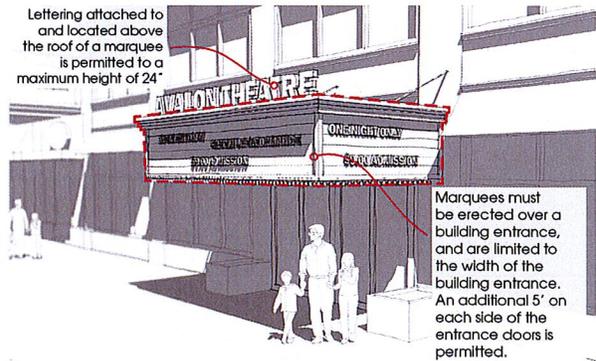
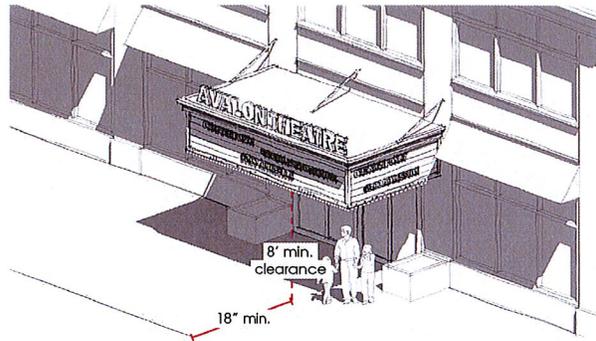
*Freestanding Pole and Monument Signs in the MU-C, MU-P, I-G, and I-W zones are allowed a maximum of 60 square feet. However, for sites with lot frontage that exceeds 300 lineal feet, the maximum size area of the sign may equal up to 20 percent of the lineal street frontage on the street nearest the sign, up to a maximum sign

area of 150 square feet.

I. Marquee.

Marquees are permitted as indicated in Table 50-27-4, subject to the following regulations:

1. Marquees must be supported solely by the building to which they are attached. No exterior columns or posts are permitted as supports;
2. No marquee may be erected on any building or other structure of wood frame construction;
3. The roof of a marquee may not be used for any purpose other than to form and constitute a roof and must be constructed of noncombustible material;
4. Water from the roofs of a marquee may not drain, drip or flow onto the surface of a public sidewalk. Sufficient downspouts, drains and gutters must be installed as part of each marquee to prevent water from the roof of the marquee from flowing onto the surface of a public sidewalk;
5. Marquees must be erected over a building entrance and are limited to the width of the building entrance. An additional five feet on each side of the entrance doors covered by the marquee is permitted;
6. All marquees must maintain a minimum vertical clearance of eight feet and the roof of the marquee structure must be erected below the second floor window sill. Marquees may encroach up to 18 inches from the back of curb;
7. Marquees are permitted lettering attached to and located above the roof of a marquee to a maximum height of 24 inches;
8. Marquees may be internally illuminated. External illumination is prohibited;

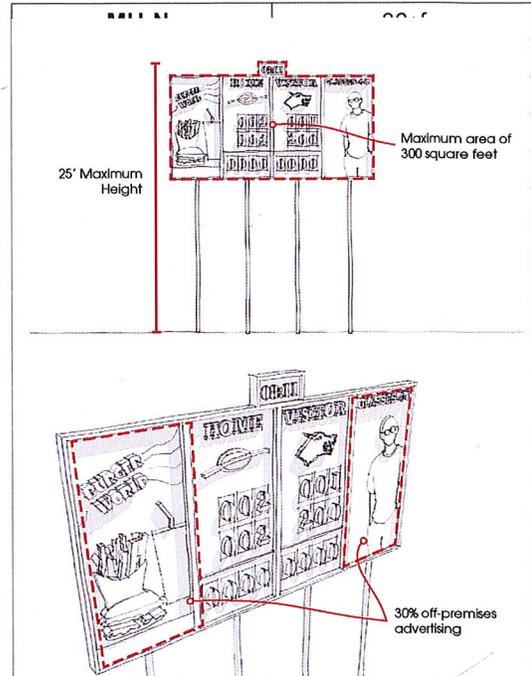


J. Projecting signs.

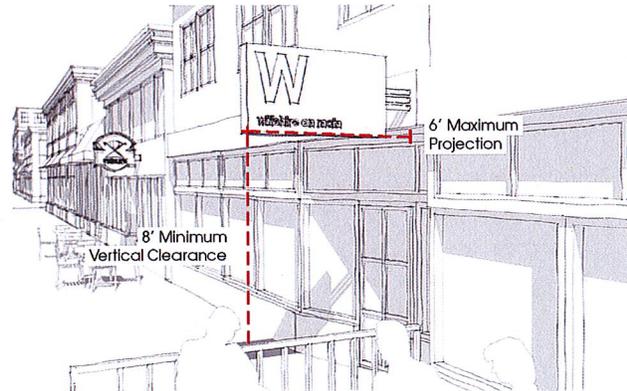
TABLE 50-27-6: PROJECTING SIGN REGULATIONS	
DISTRICT	MAXIMUM AREA
R-C	Prohibited
RR-1	Prohibited
RR-2	Prohibited
R-1	Prohibited
R-2	Prohibited
R-P	Prohibited

Projecting signs are permitted as indicated in Table 50-27-4, subject to the following regulations:

1. Projecting sign maximum area is as indicated in Table 50-27-6;
2. One projecting sign is permitted per establishment with frontage on a street. For a corner lot, one projecting sign is permitted for each street frontage. Projecting signs must be above or adjacent to the building entrance or, if a corner lot, the corner of the building;
3. Projecting signs may not project more than six feet from the face of the building to which they are attached, including the area between the sign and the face of the building;



4. Projecting signs must maintain a minimum vertical clearance of eight feet. No projecting sign affixed to a building may project higher than the building height, including the sign support structure;
5. Projecting signs, including frames, braces, and supports, must be designed by a licensed structural engineer or manufacturer. No projecting sign may be secured with wire, chains, strips of wood or nails nor may any projecting sign be hung or secured to any other sign. Any movable part of a projecting sign, such as the cover of a service opening, must be securely fastened by chains or hinges;
6. Projecting signs must be constructed of wood, metal, durable, weather-resistant material like canvas, canvas-like material, nylon or vinyl-coated fabric, or plastic. Projecting signs constructed of material must be mounted so that they are held taut between support posts;
7. Projecting signs may be internally or externally illuminated. If externally illuminated, all lighting must be directed onto the sign face from above;
8. Maximum projecting sign areas are provided in Table 50-27-6: *Projecting Sign Regulations*;
9. Projecting signs erected on properties within the Entertainment District and Historical Canal Park are subject to additional requirements as provided in 50-27.8;



K. Scoreboard and outfield signs.

1. Scoreboards and outfield signs are permitted as indicated in Table 50-27-4,

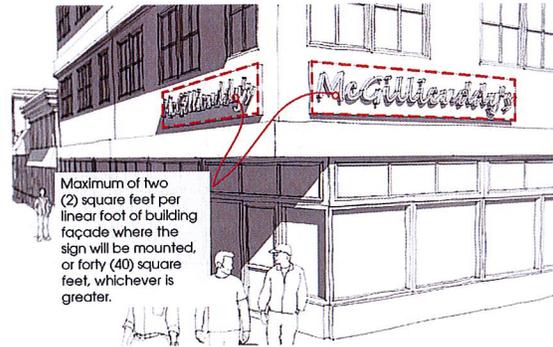
subject to the following regulations. Such signs are further restricted to recreational playing fields only;

2. Scoreboards must be constructed as a freestanding pole sign, no more than 300 square feet in sign area and 25 feet in height;
3. The score-keeping portion of the scoreboard may utilize an electronic message component;
4. If the scoreboard cannot be viewed from any adjacent right-of-way as measured along 500 foot sight lines from the scoreboard, up to 30 percent of the sign area may be used for off-premises advertising. If the scoreboard can be viewed from any adjacent right-of-way, up to 25 percent of the sign area may be used for off-premises advertising;
5. There is no limit on the number of outfield advertising signs so long as no such signs are visible from an adjacent right-of-way. No permit is required for outfield advertising signs;
6. Scoreboards and outfield signs that are part of a sports stadium as a principal use are considered part of the structure and not subject to these standards;

L. Wall signs.

Wall signs are permitted as indicated in Table 50-27-4, subject to the following regulations.

1. The maximum size of a wall sign is established at two square feet per linear foot of building façade where the wall sign will be mounted or 40 square feet, whichever is greater;
2. In addition, any structure over seven stories in height is permitted one additional wall sign per façade to identify the building, that must be placed within the top 20 feet of the structure and cannot cover any fenestration or architectural features. The maximum size is established at two square feet per linear foot of building façade, measured at the roof line, where the wall sign will be mounted;
3. Wall signs may be internally or externally illuminated. If externally illuminated, all light must be directed onto the sign face from above;
4. Wall signs must be safely and securely attached to the building wall. Wall signs must be affixed flat against the wall and must not project more than 18 inches from the building wall;
5. If a wall sign projects more than two inches from the surface, a minimum vertical clearance of eight feet is required;
6. No wall sign mounted on a structure may project above the roof of the structure to which it is attached, including the sign support structure. Wall signs may be mounted on a parapet wall when such parapet is consistent with the architectural design of the structure and/or the larger development, and such parapet wall is constructed of the same primary building materials as the structure, excluding any accent materials. When attached to a parapet wall, wall signs may not project more than eight feet above the roof of the structure, or 15 feet above the roof of the structure on properties zoned MU-C;
7. Wall signs must be constructed of wood, brick, metal or plastic. Wall signs of durable, weather-resistant material like canvas, canvas-like material, nylon or vinyl-coated fabric are also permitted but the signs must be held taught to the building with no sags or wrinkles and the mounting devices must be concealed



- by a frame that covers the entire perimeter of the banner;
8. Wall signs must not cover windows, doors or architectural features. However, wall signs are permitted on architectural appurtenances, such as chimneys or penthouses, which are part of the original structure;
 9. Ghost signs are considered wall signs. Existing ghost signs are exempt from these requirements and deemed conforming. Ghost signs may be maintained and repainted but no new information or images may be added to the existing sign. No new wall signs may be painted over ghost signs.



50-29 Sustainability standards.

50-29.1 Applicability.

In order to promote sustainable development, all new residential development proposals containing three or more units, and all non-residential development with a gross floor area of 10,000 square feet or more, shall be required to comply with the provisions of this Section 50-29. (Ord. No. 10044, 8-16-2010, § 6.)

50-29.2 Points required.

Each new development shall be required to achieve at least a minimum number of points from the menu of options shown in Table 50-29-1:

- A. Residential development minimum requirements.
 - 1. Residential development with 3-29 units: 3 points.
 - 2. Residential development with 30 or more units: 4 points;
- B. Non-residential development minimum requirements.
 - 1. Non-residential development with 10,000 to 25,000 square feet: 3 points.
 - 2. Non-residential development with a total square footage of more than 25,000 square feet: 4 points;

Table 50-29-1: Sustainability Point System	
	Points Earned
LOCATION	
Development on previously used or developed land that is contaminated with waste or pollution (brownfield site with Environmental Site Assessment documented contamination that will be removed by property owner as part of the project)	1.50
Development on previously used or developed land that is not contaminated (site re-use)	0.75
Development on a previously undeveloped site that is located immediately adjacent to existing city roadway and utility infrastructure and that does not require additional public roadway and utility infrastructure to be constructed to service development	0.25
ENERGY EFFICIENCY	
Meet ASHRAE standard 189.1 (Section 7.4.2) for building envelope design ^[1]	1.50
Meet ASHRAE standard 189.1 (Section 7.4.6) for lighting ^[1]	0.75
Meet ASHRAE standard 189.1 (Section 7.4.3) for HVAC equipment ^[1]	0.75
Meet Energy Star standards for low rise residential or exceed ASHRAE 90.1-2004 energy efficiency standards by 15%. ^[2]	1.00
ALTERNATIVE ENERGY	
Generate or acquire a minimum of 15% of the electricity needed by the development from alternative energy sources (solar, wind, etc)	1.00
Install solar panels on a minimum of 15% of homes dwelling units contained in one-family, two-family, or townhouse dwellings	0.75
Pre-wire a minimum of 10% of residential dwelling units for solar panels	0.25
Install solar panels on primary structure, or at least 50% of buildings in a multi-building complex	0.75
PASSIVE SOLAR	
A minimum of 20% of residential dwelling units or lots are oriented within 20% of east-west for maximum passive solar exposure	1.00
At least 20% of non-residential buildings have one longer axis oriented east-west for maximum solar exposure	1.00
WATER	
Install a "cool roof" or green vegetated roof on the primary structure, or at least 50% of primary buildings in a multi-building complex. Cool roofs shall have a Solar Reflectance Index of 78 for flat roofs or 29 for roofs with a slope greater than 2:12. Green or vegetated roofs shall include vegetation on at least 50% of the roof area (25% for renovated buildings) and shall use only plant materials permitted by the landscaping standards in Section 50-25.	2.00 <u>1.00</u>

Install a green vegetated roof on the primary structure, or at least 50% of primary buildings in a multi-building complex. Green or vegetated roofs shall include vegetation on at least 50% of the roof area (25% for renovated buildings) and shall use only plant materials permitted by the landscaping standards in Section 50-25.	2.00
Meet ASHRAE standard 189.1 (Section 6.3.1) for site water use reduction [1]	0.75
Meet ASHRAE standard 189.1 (Section 6.3.2) for building water use reduction [1]	0.50
STORMWATER, ADDITIONAL RETENTION	
Post construction development will retain at least 0.5 inches of runoff on the site from impervious surfaces. (Need proper native soils verified through geotechnical field testing.)	1.00
Post construction development will retain 1.1 inches of runoff on the site from impervious surfaces (Need proper native soils verified through geotechnical field testing.)	1.50
VEGETATION	
Retain at least 20% of existing pre-development, native natural vegetation (minimum 5,000 square feet)	0.75
Turf grass is limited to 40% of the landscaped area. (minimum 5,000 square feet)	0.25
URBAN AGRICULTURE	
A fenced, centrally located community garden space is provided for residents and for urban gardening purposes at a ratio of 50 sq. ft. per dwelling unit as part of the overall landscape plan	1.00
A minimum of one on-site composting station is provided for every 25 units	0.25
TRANSPORTATION	
Source a minimum of 20% by cost of construction materials from recycled products or products manufactured, extracted, harvested, or recovered within 250 miles of the site	1.50
A minimum of 1% of required automobile parking spaces are signed and reserved for hybrid/electric/low energy vehicles in preferred locations near the primary building entrance	0.25

[1] *Standard for the Design of High-Performance Green Buildings*, American Society of Heating, Refrigerating, and Air-Condition Engineers, 2009.

[2] *Energy Standard for Buildings Except Low-Rise Residential*, American Society of Heating, Refrigerating, and Air-Condition Engineers, 2004.

C. LEED-certified building alternative.

Buildings that have achieved LEED requirements necessary to receive certification from the U.S. green building council at the silver level or above shall not be required to meet the above requirements;

D. Documentation required.

Applicants shall provide documentation of techniques that will be used to satisfy the above requirement, as necessary, at the time of application submittal. Documentation for items that may not be visually verified as part of an inspection may be provided in the form of invoices, receipts, or delivery confirmation for the items in question.

50-32 International property maintenance code

The city has adopted by reference the year 2000¹² edition of the International Property Maintenance Code, or its successor, as either may be amended for time to time, as the Housing Code of the city.

50-37.9 Variance.

This Section applies to applications for a variance from the terms and provisions of this Chapter. Different types of variances are subject to differing criteria for approval, and in many cases are also subject to limitations on the types of variances that can be granted.

A. Application.

An application for a variance shall be filed pursuant to Section 50-37.1.B;

B. Procedure.

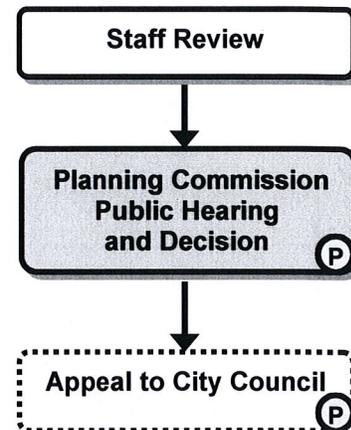
The planning commission shall review the application, conduct a public hearing on the application pursuant to Section 50-37.1.I, with public notice as required by Section 50-37.1.H, and shall make a decision on the application based on the criteria in subsections C through M below, as applicable to the specific type of variance being requested. The planning commission may grant a different variance or different form of relief than that requested by the applicant if it determines that the alternative relief better meets the criteria in subsections C through M below. The commission may impose appropriate conditions and safeguards to protect adjacent properties and the public interest, including but not limited to financial security pursuant to Section 50-37.2.P or a development agreement regarding the design, construction and operation of the project, to protect the comprehensive land use plan, to conserve and protect property and property values in the neighborhood and to ensure that all conditions of the variance will continue to be met. Constructing any improvement or beginning any activity authorized by the variance shall constitute the applicant's agreement to conform to all terms and conditions of the permit;

C. General variance criteria.

Unless different or inconsistent criteria or limitations are stated in subsections D through M below for the specific type of variance being requested, the planning commission shall approve an application for a variance, or approve it with conditions, if it finds that the proposed variance meets the following criteria. If there is a direct conflict between a provision or criteria in subsections D through M below and the general criteria in this subsection C, the provisions in subsections D through M shall govern:

1. Because of the exceptional narrowness, shallowness or shape of the applicant's property, or because of exceptional topographic or other conditions related to the property, the strict application of the requirements of this Chapter would result in peculiar and a practical difficultyies or exceptional or undue hardship to the property owner;
2. ~~The special circumstances or conditions that create the need for relief were not directly or indirectly created by the action or inaction of the property owner or applicant.~~ The plight of the landowner is due to circumstances unique to the property not created by the landowner.
3. The special circumstances or conditions applying to the building or land in question are peculiar to such property or immediately adjoining property, and do not apply generally to other land or buildings in the vicinity;
4. The relief is necessary for the preservation and enjoyment of a substantial property right and not merely to serve as a convenience to the applicant and the landowner is proposing to use the property in a reasonable use;
5. The relief will not impair an adequate supply of light and air to adjacent property or unreasonably increase the congestion in public streets or the danger of fire or

Variance



(P) Indicates Public Hearing Required

imperil the public safety or unreasonably diminish or impair established property values within the surrounding areas or in any other respect impair the health, safety or public welfare of the inhabitants of the city;

6. The relief may be granted without substantially impairing the intent of this Chapter and the official zoning map, and the variance, if granted, will not alter the essential character of the locality;
7. The relief does not allow any type of sign that is not allowed in the zone district where the property is located, pursuant to Section 50-27;
8. The relief complies with any additional limitations or criteria applicable to that variance in subsections D through M below;
9. Economic considerations do not constitute a practical difficulty;

D. No use variances.

No variance may be permitted to allow any use that is not listed in Table 50-19.8 as a permitted or special use in the zone district where the property is located, or Table 50-27.4 for a permitted sign in the district where the property is located;

E. Variances to lot size in unsewered areas.

A variance from the minimum lot size in unsewered area shall not be granted without presentation of a permit or letter of intent to issue a permit for onsite sewerage treatment from the county.

F. Variances for two-family dwellings in the R-1 district.

The commission shall not grant any variance from the requirements for the allowance of two-family dwellings within the R-1 zone district except:

1. A variance from the required front yard setback;
2. A variance reducing the minimum dimensional requirements by up to ten percent;

G. Variances from parking and loading regulations.

1. Residential districts.

(a) A variance may be granted to allow parking on a portion of a lot in an R zone where parking is not permitted by Section 50-24.6.B in the following two cases:

- (i) On any non-corner lot in an R district where the permitted parking area as shown in Table 50-24-3 is of insufficient size or configuration to allow for compliance with the off street parking requirements of this Chapter, and the applicant demonstrates hardship;
- (ii) On any corner lot in an R district where the R district parking area is of insufficient size or configuration to allow for compliance with the off street parking requirements of this Chapter, without a showing of hardship;

(b) The variance shall be subject to the following conditions, and any other conditions determined by the commission to be reasonable and necessary to protect the interests of the abutting property owners and the residential character of the surrounding neighborhood:

- (i) On a non-corner lot with frontage of less than 50 feet, only one parking area may be located outside the R district parking area;
- (ii) On a corner lot with frontage of less than 50 feet, the variance may allow for compliance with the off street parking requirements of this Chapter;
- (iii) On a corner or non-corner lot with frontage of 50 feet or greater, no variance may allow a parking area, including any driveway area leading to it, to exceed an additional 30 percent of the front yard;
- (iv) The proposed parking area shall be entirely located on the applicant's lot and shall not encroach across any abutting lot line unless such

abutting lot and the subject lot are under the same ownership and the abutting lot is not occupied by a dwelling unit;

- (v) Where the proposed parking area will encroach into any unimproved area of a street, the variance shall expire upon improvement of the street;
- (vi) Economic considerations, in whole or part, shall not constitute a hardship;

2. Reducing required parking spaces.

Except as provided in 50-37.9.G, variances from the minimum amount of off-street parking required may be approved if a smaller amount of off-site parking will be adequate to meet the needs of the facility because the facility is restricted to occupancy or use by populations with documented lower vehicle uses, such as the elderly or disabled;

3. Exceeding required parking spaces.

Variances from the maximum parking limits provided in 50-24.4 shall not exceed 200 percent of the minimum requirement provided in Table 50-24.1;

H. Variances to reduce setbacks;

When the application is for the reduction of a required front, rear or side yard setback, the commission may require the submission of a landscaping and buffering plan, and may require that all required landscaping or buffering, or landscaping and buffering of equal effectiveness, be installed within the reduced setback area. Decorative fencing and decorative wall structures may be proposed where more intense vegetated landscaping will not provide adequate mitigation of impacts on adjacent properties. The commission shall only approve the variance if the landscaping and buffering will mitigate impacts on adjacent properties as effectively as those required by Sections 50-25 and 50-26 of this Chapter;

I. Variances in the MU-C district.

- 1. Within the MU-C district, the only variances that may be approved are variations in any dimensional standard in Sections 50-15.3 and 50-21 by no more than ten percent. However, if the need for a variance is the result of a government taking pursuant to eminent domain powers, then (a) the limits of this subsection I.1 shall not apply and (b) all or part of the required landscaping and buffering may be placed in the public right-of-way if the property owner executes a perpetual maintenance agreement with the owner of the right-of-way;
- 2. In the case of a setback reduction variance, the landscaping and buffering in any reduced setback area shall be at least four feet in height and screen out at least 50 percent of the view of any parking area, unless the setback is reduced to less than five feet, in which case it shall screen out at least 75 percent of the view of the parking area;

J. Variances in A-O airport overlay district.

Variances shall be pursuant to and consistent with the procedures in the Duluth International Airport Zoning Ordinance adopted by the city and four other jurisdictions, and in the event of an inconsistency between that Airport Zoning Ordinance and this Chapter, the provisions of the Airport Zoning Ordinance shall govern;

K. Variances from flood plain regulations.

Variances to the flood plain regulations in Section 50-18.1.C shall only be granted in compliance with the limitations in this subsection K.

- 1. In a floodway:
 - (a) No variance shall be granted that would result in any increase in flood levels during the base flood discharge;
 - (b) No variance shall authorize the placement of a manufactured home, dwelling unit or any structure designed for human habitation;

- (c) No variance shall be granted authorizing a lesser degree of floodproofing or flood protection than is required by Section 50-18.1.C;
 - (d) Variances shall be limited to giving the applicant a minimal reasonable use of the site;
2. In a flood fringe:
 - (a) No variance shall authorize a lesser degree of floodproofing or flood protection than is required by Section 50-18.1.C;
 - (b) Variances shall not produce any adverse effects to the flood capacity or efficiency of the watercourse;
 3. Flood insurance notice and recordkeeping.

The building official shall notify the applicant for a variance that:

 - (a) The issuance of a variance to construct a structure below the base flood level will result in increased premium rates for flood insurance up to amounts as high as \$25 for \$100 of insurance coverage; and
 - (b) Construction below the 100 year or regional flood level increases risks to life and property. Such copy notification shall be maintained with a record of all variance actions. The building official shall maintain a record of all variance actions, including justification for their issuance, and report such variances issued in its annual or biennial report submitted to the administrator of the national flood insurance program;
 4. General considerations.

The city shall consider the following factors in granting variances and imposing conditions on permits and variances in flood plains:

 - (a) The potential danger to life and property due to increased flood heights or velocities caused by encroachments;
 - (b) The danger that materials may be swept onto other lands or downstream to the injury of others;
 - (c) The proposed water supply and sanitation systems, if any, and the ability of these systems to minimize the potential for disease, contamination and unsanitary conditions;
 - (d) The susceptibility of any proposed use and its contents to flood damage and the effect of such damage on the individual owner;
 - (e) The importance of the services to be provided by the proposed use to the community;
 - (f) The requirements of the facility for a waterfront location;
 - (g) The availability of viable alternative locations for the proposed use that are not subject to flooding;
 - (h) The compatibility of the proposed use with existing development and development anticipated in the foreseeable future;
 - (i) The relationship of the proposed use to the comprehensive land use plan and flood plain management program for the area;
 - (j) The safety of access to the property in times of flood for ordinary and emergency vehicles; and
 - (k) The expected heights, velocity, duration, rate of rise and sediment transport of the flood waters expected at the site;
 5. Submittal of hearing and decision notices to the DNR.
 - (a) The planning commission shall submit to the commissioner of the DNR a copy of the application for proposed variance sufficiently in advance so that the commissioner will receive at least ten days' notice of the hearing. Such notice shall specify the time, place, and subject matter of the hearing and shall be accompanied by such supporting information as is necessary to indicate the nature and effect of the proposed use. The notice may be sent by electronic mail or U.S. mail to the respective DNR area hydrologist;
 - (b) A copy of all decisions granting variances shall be forwarded to the commissioner of the DNR within ten days of such action. The notice may be sent by electronic mail or U.S. mail to the respective DNR area hydrologist;

6. Additional federal emergency management agency conditions.
The following additional conditions of FEMA must be satisfied:
 - (a) Variances shall only be issued upon (i) a showing of good and sufficient cause, (ii) a determination that failure to grant the variance would result in exceptional hardship to the applicant, and (iii) a determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances;
 - (b) Variances shall only be issued upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief;
7. Conditions attached to variances,
Upon consideration of the factors listed above and the purpose of this Section, the planning commission may attach such conditions to the granting of variances and permits as it deems necessary to fulfill the purposes of this Section. Such conditions may include, but are not limited to, the following:
 - (a) Modification of waste treatment and water supply facilities;
 - (b) Limitations on period of use, occupancy, and operation;
 - (c) Imposition of operational controls, sureties, and deed restrictions;
 - (d) Requirements for construction of channel modifications, compensatory storage, dikes, levees, and other protective measures; and
 - (e) Floodproofing measures, in accordance with the State Building Code and this chapter. The applicant shall submit a plan or document certified by a registered professional engineer or architect that the floodproofing measures are consistent with the regulatory flood protection elevation and associated flood factors;

L. Standards for variances in shorelands.

No variance shall be granted that compromises the general purposes or intent of Section 50-18.1.D or results in adverse consequences to the environment. Variances shall include a requirement for the applicant to mitigate the impacts of the variance on shoreland areas;

M. Reconstruction of a nonconforming building.

A variance may be granted to permit the reconstruction of a nonconforming building that has been damaged from any cause or has deteriorated to the extent of more than 60 percent of its assessed market value as determined by the city assessor, if the commission determines that it is necessary for the preservation and enjoyment of a substantial property right and is not detrimental to the public welfare of the city.