

FRIDLEY CITY CODE
CHAPTER 205.17. M-1 LIGHT INDUSTRIAL DISTRICT REGULATIONS
(Ref Ord 1170, 1182, 1225, 1264, 1272)

1. USES PERMITTED

A. Principal Uses.

The following are principal uses in M-1 Districts:

Wholesaling, warehousing, manufacturing, construction or service uses which will not be dangerous or otherwise detrimental to persons residing or working in the vicinity, and will not impair the use or value of any property, but not including any uses excluded hereinafter.

B. Accessory Uses.

The following are accessory uses in M-1 Districts:

- (1) Off-street parking facilities, directly related to the principal use.
 - (a) Including the business' fleet vehicles.
 - ((1)) Vehicles shall be licensed and street operable.
 - ((2)) Vehicles shall be parked on an approved hard surface.
 - ((3)) Vehicles shall be parked in the side or rear yard only.
 - ((4)) Vehicles shall be under a gross vehicle weight of 26,000 lbs.
 - ((5)) The parking stalls dedicated for the parking of fleet vehicles shall be in addition to what code would require for parking stalls on the site.
 - ((6)) The parking area shall be properly lit, with shielded and downcast lighting and properly secured.
 - (2) Off-street loading facilities.
 - (3) Business signs for uses permitted.
 - (4) Retail sales or servicing of products manufactured or warehoused.
 - (5) Offices associated with the principal use.
 - (6) A dwelling for a watchperson subject to the following conditions:
 - (a) Any dwelling unit located in an industrial structure shall not occupy the front half of a ground floor or basement.
 - (b) Any dwelling unit in an industrial building shall not contain more than one (1) bedroom.
 - (c) No detached dwelling unit shall be permitted in this district.
 - (d) A dwelling unit shall be a part of the principal building and be provided with an outside entrance.
 - (7) Solar energy devices as an integral part of the principal structure.

C. Uses Permitted With a Special Use Permit.

The following are uses permitted with a Special Use Permit in M-1 Districts:

- (1) Offices not associated with a principal use provided that:

- (a) The parking supply shall be in compliance with the requirements of Section 205.17.5 of the City Code and be sufficient to support full occupancy of the building. Parking requirements shall be determined by the City for each tenant prior to occupancy.
- (2) Commercial retail, service uses and Class I restaurant uses within office and/or industrial buildings which are supplemental to, and for the convenience of, the operation of the zoning district and which provide goods and services which are primarily for the use of persons employed in that district. Upon approval of a special use permit, these types of commercial tenants shall be approved for occupancy upon satisfying all applicable City requirements without additional special use permits, provided that:
 - (a) The maximum gross floor area occupied by such uses shall not exceed 20 percent of the total gross floor area of the building, with no individual tenant exceeding 3,000 square feet;
 - (b) The parking supply shall be in compliance with the requirements of Section 205.17.5., of the City Code and be sufficient to support full occupancy of the building. Parking requirements shall be determined by the City for each tenant prior to occupancy;
 - (c) Only wall mounted signs, subject to the limitations of Section 214 of the City Code, shall be permitted; and
 - (d) The building owner and/or agent shall be responsible for informing any prospective tenant that the property is zoned for industrial use.
 - (3) Commercial retail, service uses and Class II restaurants within office and/or industrial buildings, including those with drive-through components, such as banks, cleaners, photo shops, fast food restaurants, and similar uses shall be considered for a special use permit on an individual basis, provided that:
 - (a) The maximum gross floor area occupied by such uses, and other commercial uses, as permitted by special use permit, shall not exceed 30 percent of the buildings total floor area with no such individual tenant exceeding 5,000 square feet;
 - (b) The parking supply shall be in compliance with the requirements of Section 205.17.5 of the City Code and be sufficient to support full occupancy of the building;
 - (c) Only wall mounted signs, subject to the limitations of Section 214 of the City Code, shall be permitted;

- (d) The proposed use shall only be permitted when it can be demonstrated that their operation will not generate levels of traffic which reduce "The Exchange Level of Service", as defined by the Institute of Traffic Engineers, on streets at intersections;
 - (e) The proposed use, in the opinion of the City Council, would be compatible with the area in which it is proposed to be located; and
 - (f) The building owner and/or agent shall be responsible for informing any prospective tenant that the property is zoned for industrial use.
- (4) Commercial recreation uses subject to the conditions outlined in (3)(b) - (f) above; maximum gross floor area for both tenant size and percent of total building shall be considered on an individual tenant specific basis. (Ref. 900)
 - (5) Wind Generators and other tower mounted energy devices.
 - (6) Solar energy devices NOT an integral part of the principal structure.
 - (7) Telecommunications towers and wireless telecommunications facilities as regulated in Section 205.30.
 - (8) Junkyards (Automobile Recycling Center).

All junkyards shall satisfy the following requirements:

(a) Drainage Requirements:

Property being utilized as a junkyard shall satisfy all drainage requirements as required by municipal, county, state, federal and watershed district agencies or any other governmental or quasi-governmental body.

(b) Pollution Control Requirements:

- ((1)) Uses which because of the nature of their operation create excessive noise, dust, dirt, smoke, noxious gases or odors, vibrations, glare, heat or can contaminate water run-off shall not be permitted.
- ((2)) Any property that is in violation of (a) above shall be given one (1) year from the date of written notification by the City or any other regulatory agency to abate the violation. If the pollution is determined to be hazardous to any person, animal or plant life, the time of one (1) year shall be reduced to a reasonable limit.

- ((3)) If action is not taken to abate the condition during the specified time, the use shall not be allowed to continue operation within the City of Fridley.
- ((4)) In order to assure compliance with these performance standards, the City may require the owner or operator of any use to conduct such investigations and tests as may be required to show adherence to pollution control standards. Any investigations and tests shall be carried out by an independent testing organization agreed upon by all parties concerned, or if after thirty (30) days notice there is failure to agree, an independent testing organization as may be selected by the City. The costs incurred in having such investigations or tests shall be shared equally by the owner or operator and the City. If the investigations and testing disclose noncompliance with pollution control standards, the entire cost shall be paid by the owner or operator.
- ((5)) This procedure shall not preclude the city from making any investigations and tests it finds appropriate to determine compliance with these pollution controls.

(c) Parking Requirements:

- ((1)) All designated parking areas shall include the following ratio of parking spaces:
 - ((a)) Parking stall requirements shall be as designated for in Section 205.17.5.C.
 - ((b)) Parking requirements may be subject to additional provisions as provided by the City.
 - ((c)) At least two percent (2%) of the above parking requirements shall be designated by twelve (12) foot by twenty (20) foot handicap-parking stalls.
- ((2)) All required parking shall be used for parking of customer and employee vehicles and not be used for storage, and shall remain unobstructed by other activities or uses.
- ((3)) No on-street storage of vehicles shall be permitted.
- ((4)) The parking areas shall be maintained free of vehicle parts, litter, debris and storage at all times.

(d) Screening Requirements:

All areas used for the storage of vehicles, garbage or refuse containers, raw materials, supplies or equipment shall be enclosed by a fence, at least eight (8) feet in height and comply with the following:

- ((1)) The fence shall be constructed so that no portion of the storage area is visible from any public right-of-way.
- ((2)) A solid fence or chain link fence with slats shall be provided.
- ((3)) Vines and other landscaping may also be required to provide additional screening.
- ((4)) No storage shall exceed the height of the fence.
- ((5)) All screening shall be maintained.

(e) License Requirements:

- ((1)) No person shall own, operate, maintain or allow to operate a junkyard within the boundaries of the City without the owner or operator first obtaining an annual license pursuant thereto of the provisions of this Chapter and other applicable chapters and sections of the City Code and any other governmental or quasi-governmental provisions.
- ((2)) Application shall be made by the owner of the property or by the operator of a junkyard through the City Clerk's office on forms furnished by that office. The applicant shall provide such information as the City may require.
- ((3)) The annual license fee and expiration date shall be as provided for in Chapter 11 of the City Code.

(f) Existing Facilities:

- ((1)) All existing junkyards, in operation at the date of adoption of this Chapter, shall conform to the above requirements within one (1) year of written notification by the City.
- ((2)) Any existing operation not conforming to this Chapter within that period shall not be granted a renewal of their junkyard license to continue to operate within the City.

(g) Scope:

The standards and requirements set forth above shall be in addition to all other applicable ordinances, laws, statutes, resolutions or regulations of this or any other governmental or quasi-governmental body.

(9) Repair garages.

(10) Automobile service stations.

If a special Use Permit is granted, the following minimum conditions must be met in order to protect public health, safety and general welfare. Because of traffic hazards, noise, light glare at night, outdoor storage of merchandise, indiscriminate advertising and other characteristics of this type of business which are potentially detrimental to the community, these minimum standards shall be considered, along with any other recommendations the City may determine necessary to eliminate the particular problems in achieving compatibility with abutting and adjacent land uses.

- (a) The station shall not provide for the outdoor operation of lubrication equipment, hydraulic lifts or service pits or the outdoor display of merchandise. The display of petroleum products between pumps or the temporary display of merchandise within four (4) feet of the station building is permitted.
- (b) The property shall not be used as a place of storage or depository of wrecked, abandoned or junked motor vehicles or for the sale or display for sale of used motor vehicles.
- (c) Any required buffer or screening area will be so constructed as to obstruct headlight beams of motor vehicles on the station property from beaming onto adjacent residential property.

(11) Limited Outdoor Storage (Ref Ord 1170)

All limited outdoor storage shall satisfy the following requirements and other stipulations deemed necessary due to site conditions:

- (a) The outdoor storage area is limited to a maximum size equal to 50% of the principal buildings footprint. This area must be designated on a site plan submitted with the Special Use Permit (SUP) application and must be located in the side or the rear yard.

- (b) The materials and equipment kept in the designated outdoor storage area must be fully screened so as to not be visible from:
 - ((1)) A residential district adjacent to the use;
 - ((2)) A residential district across a public right-of-way from the use;
 - ((3)) A public park adjacent to the use;
 - ((4)) A public right-of-way, including railroad right-of-way, adjacent to the use;
or
 - ((5)) Any commercial use adjacent to the use.
- (c) Screening of the outdoor storage area shall be achieved through a combination of masonry walls, fencing, berming, and landscaping in accordance with Section 205.17.06.G.(1)(a).
- (d) Materials and equipment stored outside must not exceed 12 feet in height.
- (e) The outdoor storage area must be a city-approved hard surface and bound on the perimeter by B-6-12 concrete curb and gutter.
- (f) Special use permit for limited outdoor storage shall not permit the outside storage of semi-trucks, semi-trailers, or heavy construction equipment (off-highway equipment or on-highway equipment over 26,000 GVW).
- (g) Hazardous chemicals and materials are prohibited from being stored outside.
- (h) The outdoor storage shall not affect the required amount of parking stalls needed on site.
- (i) The location and types of materials to be stored are to be reviewed by the Fire Marshal.

(12) Sexually oriented businesses as defined and regulated in Chapter 127 of the Fridley City Code. Sexually oriented businesses in multi-tenant buildings shall meet the standards required for commercial uses as stated in Section 205.17.01.C.(3). (Ref. 966)

(13) Day Care Centers.

- (a) The proximity of the outdoor play area to the building shall be designed so that children do not have to cross vehicle traffic.
- (b) Loading and drop-off locations shall not interfere with traffic flow.
- (c) Pedestrian crossing areas shall be clearly marked.
- (d) The maximum floor area to be occupied by day care center shall be limited to 30% of the floor area of the principal industrial building.
- (e) Require parking at one (1) space per 250 square feet of useable daycare space as provided in Section 205.07.01.C.(4)(a) of the City Code.
 - ((1)) Reduction of parking spaces may be allowed when provision of space required for parking stalls, due to the particular nature of the proposed use or other considerations, would be an unnecessary hardship. Adequate open space shall be provided to satisfy the required number of parking spaces.
 - ((2)) When the provisions for required parking space is inadequate, the City may require additional off-street parking be provided.
- (f) Signage shall be limited to wall signage; no independent freestanding signs should be permitted unless the sign replaces the freestanding sign of the industrial complex.
- (g) The facility shall be licensed in accordance with Minnesota and Anoka County requirements.
- (h) The facility shall comply with building code occupancy and separation requirements. (Ref. 1080)

- (14) Towing Service including those businesses whose principal use is to tow, impound, and store motor vehicles:
- (a) The storage aspect of said towing service operation shall be secondary, in terms of use, to a principal building that houses a towing office, repair/maintenance facility for towing fleet, and an interior storage area for a portion of the impounded collection of vehicles.
 - (b) The towing service site shall be located on a street with traffic volumes of less than 1,500 ADT (average daily trips).
 - (c) No storage of impounded or other vehicles associated with towing service business shall be parked on street(s) adjacent to towing service facility.
 - (d) All storage shall be located in the side or rear yard of the towing service facility
 - (e) All areas where vehicles are to be driven, towed or parked shall be surfaced with either asphalt or concrete and those parking areas shall have concrete curb and gutter of B6-12 standard or a suitable alternative, approved by the City Engineer, surrounding their perimeter.
 - (f) Areas where stored vehicles are intended to be parked shall be fenced, screened and adequately lit from sunset to sunrise for security purposes. Lighting shall only include shielded downcast fixtures.
 - (g) Parking stalls intended for storage of towed vehicles and towing truck fleet shall be separated from those required by Code for customers and employees. Employee and customer stalls can be in the side yard or front yard, but shall not be within the fenced area intended for towed or impounded vehicles, or the towing fleet.
 - (h) No intercom system shall be used in the open yard area if the edge of the yard is 250 feet or less from an existing residential dwelling in existence at the time of this permit's approval.
 - (i) No crushing, dismantling, or salvage of vehicles shall occur on the subject property.
 - (j) All towing operations whose storage yard is within 250 feet of a residential dwelling at the time of issuance of the special use permit, shall be required to have limited hours of yard operation, similar to the City's hours of power tool use and construction, which are: 7:00 AM to 9:00 PM Monday through Friday, 9:00 AM to 7:00 PM Saturday.
 - (k) Towing services shall not be located within a multi-tenant industrial complex.

D. Additional Restrictions.

For uses other than principal uses, requirements as to lot size, setbacks, building, parking, landscaping, screening, etc., shall be at least comparable to similar uses in other districts, but also subject to additional provisions as provided by the City.

2. USES EXCLUDED

- A. Any use allowed or excluded in any other district unless specifically allowed under Uses Permitted of this district are excluded in M-1 Districts.
- B. Uses which may be dangerous or otherwise detrimental to person residing or working in the vicinity thereof, or to the general welfare and may impair the use, enjoyment, or value of any property.
- C. Trucking Terminals. (Ref. 995)
- D. Uses whose principal operation requires the outdoor storage materials, motor vehicles, or equipment, including the outdoor manipulation of said materials, motor vehicles, or equipment. (Ref. 995)

3. LOT REQUIREMENTS AND SETBACKS

A. Lot Area.

- (1) A lot area of not less than three-fourths (3/4) acre is required for one (1) main building on plats recorded before January 1, 1983.
- (2) A lot area of not less than one and one half (1-1/2) acres is required for one (1) main building on plats recorded after January 1, 1983.

B. Lot Width.

A lot width of 100 feet is required at the required front setback.

C. Lot Coverage. (Ref. 951)

- (1) The maximum percent of the area of a lot allowed to be covered by the main building and all accessory buildings is as follows:
 - (a) One (1) Story - forty percent (40%) maximum; fifty percent (50%) with a special use permit as provided in (4) below.
 - (b) Two (2) Story - thirty-five percent (35%) maximum; forty-five percent (45%) with a special use permit as provided in (4) below.

- (c) Three (3) Story - thirty percent (30%) maximum; forty percent (40%) with a special use permit as provided in (4) below.
 - (d) Four (4) Story - twenty-five percent (25%) maximum; thirty-five percent (35%) with a special use permit in (4) below.
 - (e) Five (5) Story - twenty percent (20%) maximum; thirty percent (30%) with a special use permit as provided in (4) below.
 - (f) Six (6) Story - fifteen percent (15%) maximum; twenty-five (25%) with a special use permit as provided in (4) below.
- (2) The above lot coverage will be subject to other considerations including parking and open space requirements, use of facilities, and proximity to other districts, which may decrease the maximum lot coverage.
 - (3) The lot coverage may be reduced by the City if and when there is provision for underground parking within the main structure provided that the lot coverage shall not be more than forty percent (40%).
 - (4) The lot coverage as stated in (1) above may be increased up to a maximum of ten percent (10%) of the lot area upon obtaining a special use permit. In addition to the requirements of this Section and the factors identified in Section 205.05.04. to evaluate special use permit requests, the City shall consider the following factors in determining the effect of the increase in lot coverage:
 - (a) For existing developed properties, the total amount of existing hardsurface areas shall be evaluated to determine whether a reduction in the total building and parking coverage can be achieved.
 - (b) The petitioner shall prove that all other ordinance requirements are met, including but not limited to, parking, storm water management, and landscaping.

D. Setbacks.

(1) Front yard.

A front yard depth of not less than thirty-five (35) feet is required for all permitted buildings and uses.

(2) Side Yard.

Two (2) side yards are required, each with a width of not less than fifteen (15) feet except:

- (a) Where a driveway is to be provided in the side yard, the minimum required side yard increases to thirty (30) feet.
- (b) Where a side yard abuts a street of a corner lot, the side yard requirement increases to a minimum of thirty-five (35) feet.
- (c) No side yard is required where a common wall is provided between two (2) buildings which meet the requirements of the Building Code.

(3) Rear Yard.

A rear yard depth of not less than twenty-five (25) feet is required, with an additional one (1) foot of rear yard depth for each four (4) feet of building height over thirty-five (35) feet.

(4) Additional Setback Restrictions.

Whenever any industrial district is adjacent to or adjoins any other district, permitted buildings and uses, except automobile parking and loading spaces, driveways, essential services, walks and planting spaces shall not be:

- (a) Closer to a street right-of-way line, abutting a residential district, than 100 feet.
- (b) Closer to the alley right-of-way line than forty (40) feet.
- (c) Closer to the boundary line of any other district than thirty-five (35) feet.
- (d) Closer to the boundary line of a residential district than fifty (50) feet.

4. BUILDING REQUIREMENTS

A. Height.

Building height shall be a maximum of six (6) stories not exceeding sixty-five (65) feet provided that no building shall be erected to a height exceeding forty-five (45) feet within fifty (50) feet of any R-1 or R-2 residential district unless one (1) additional foot of setback can be provided for each one (1) foot of building height or portion thereof exceeding forty-five (45) feet.

B. Exterior Materials.

The type of building materials used on exterior walls shall be face brick, natural stone, specifically designed pre-cast concrete, factory fabricated and finished metal frame paneling, glass or other materials approved by the City.

5. PARKING REQUIREMENT

A. Reduction of Parking.

Reduction of parking stalls may be allowed when the provision of space required for parking stalls, due to the particular nature of the proposed use or other considerations, would be an unnecessary hardship. Adequate open space shall be provided to satisfy the total number of required parking stalls.

B. Additional Parking.

When the provisions for parking space required for specific district uses is inadequate, the City may require that additional off-street parking be provided.

C. Parking Ratio.

- (1) For office use, at least one (1) off-street parking space shall be provided for each 250 square feet of office space use.
- (2) For retail use, at least one (1) off-street parking space shall be provided for each 150 square feet of retail space use.
- (3) For manufacturing use, at least one (1) off-street parking space shall be provided for each 400 square feet of manufacturing space use.
- (4) For warehouse and storage use, at least one (1) off-street parking space shall be provided for each 2,000 square feet of such space use.
- (5) For speculative building use, at least one (1) off-street parking space shall be provided for each 500 square feet of floor area on lots of more than one and one-half (1-1/2) acres.
- (6) For speculative building use, at least one (1) off-street parking space shall be provided for each 700 square feet of floor area on lots of less than one and one-half (1-1/2) acres.
- (7) The speculative parking ratio will be used for all mixed uses unless the owner agrees to enter into a written agreement, in recordable form, with the City, in which the owner represents to the City what the ratio of all uses in the building will be. Upon this happening, the parking ratio for the building will be determined on a pro-rata basis by the parking ratio per the number of square feet for each type of use which the owner represents will be located in the building. After execution of this agreement, any changes to the specified uses will require a special use permit from the City.
- (8) Accessible parking spaces will be provided in accordance with Minnesota Rules, Chapter 1341. (Ref. Ord. 1155).

- (9) At least one (1) off-street parking space shall be provided for each 400 square feet of building floor area for furniture sales use.

D. Design Requirements:

(1) Drainage.

All driveways and parking areas, except those for less than four (4) vehicles shall be graded according to a drainage plan which has been approved by the City.

(2) Lighting.

Any lighting used to illuminate an off-street parking area shall be shaded or diffused to reflect the light away from the adjoining property and traffic.

(3) Curbing.

The entire perimeter of all parking areas in excess of four (4) stalls, access driveways, truck loading spaces or other hard surface areas that handle motor vehicle traffic shall be curbed with a poured six (6) inch high concrete curb and gutter.

(a) Curbing shall be required around safety islands.

(b) Curb cuts and ramps for the handicapped shall be installed as required by state law.

(c) Construction shall be in accordance with curbing specifications on file at the City.

(d) The City may exempt curbing:

((1)) Where the parking lot directly abuts a sidewalk which is sufficiently higher than the grade of the parking lot and satisfies the curbing requirements.

((2)) Where the City has approved future expansion.

((3)) Where the City has approved storm water features like natural swales or rain gardens. (Ref 1225)

(4) Driveway Requirements.

(a) A maximum driveway width of thirty-two (32) feet at the curb opening, excluding the entrance radii, can be constructed.

(b) The parking aisle shall be a minimum of twenty-five (25) feet in width for two-way traffic and eighteen (18) feet in width for one-way traffic.

(b) The edge of the curb opening shall not be closer to the nearest portion of a street right-of-way intersection than seventy-five (75) feet or two-thirds (2/3) of the lot width whichever is smaller.

- (c) Where a "T" intersection exists, a drive may be located opposite the end of the intercepted street.
 - (d) The minimum driveway angle to the street shall be sixty(60) degrees.
- (5) All parking and hard surface areas shall be:
- (a) No closer than twenty (20) feet from any street right-of-way.
 - (b) No closer than five (5) feet from any side lot line, except for a common drive approved by the adjoining property owners and the City.
 - (c) No closer than five (5) feet from any rear lot line unless adjacent to an alley, then the setback shall be increased to fifteen (15) feet.
 - (d) No closer than five (5) feet from the main building.
 - (e) Curbed with minimum driveway access radii of ten (10) feet to match the existing street curb.
- (6) Loading Docks.
- (a) Outside loading docks shall be located in the rear or side yard and be properly screened.
 - (b) The space needed for the loading docks must be adequate to handle the loading and unloading needs, without obstructing the public right-of-way.
 - (c) On corner lots across from a residential district, no loading docks shall face the public right-of-way. (Ref. 1097)
- (7) Off-street parking shall be provided for all vehicles concerned with any use on the lot.
- (8) Parking lots with more than four (4) parking stalls shall be striped.
- (9) Sufficient concrete area may be required for motorcycle parking in addition to the required vehicle parking stalls.
- (10) Bike racks may be required by the City in an area that is convenient to each major building entrance and will not disrupt pedestrian or vehicular traffic or fire lanes.
- (11) Safety signs, markings and traffic control devices may be required to promote vehicular traffic or fire lanes.

- (12) Parking stalls may be nine (9) feet in width for manufacturing uses, warehouse and storage uses, speculative industrial buildings, and parking lots for long term employee parking. (Ref. 952, 960)

6. LANDSCAPE REQUIREMENTS

A. Scope.

All open areas of any site, except for areas used for parking, driveways, or storage shall be landscaped and incorporated into a landscape plan.

- (1) All new developments requiring a building permit shall comply with the requirements of this section.
- (2) Existing developments shall comply with the requirements of this section if one or more of the following applies:
 - (a) At the time of a building expansion or alteration which dictates the necessity for additional parking or hardsurface areas in excess of four (4) stalls.
 - (b) Building alterations which dictate a change in use such that the parking area must be expanded in excess of four (4) stalls.
 - (c) Construction of additional loading docks.
 - (d) Construction of new parking areas in excess of four (4) stalls.
- (3) If full compliance cannot be achieved due to site constraints, partial compliance as determined by the City shall be enforced.
- (4) The requirements of this section shall not be required for building alterations which do not affect the exterior portions of the site.

B. Bonding Requirement.

The City shall retain a performance bond, cash or letter of credit, as required in Section 205.05.06.A.(3) of the zoning code for one growing season after the installation of landscape materials is completed.

C. Plan Submission and Approval.

(1) A landscape plan shall be submitted to and approved by the City prior to issuance of a building permit or prior to approval of outside improvements not related to building permit or prior to approval of outside improvements not related to building improvements. A plan shall not be required for routine replacement of existing materials or the installation of new materials when not associated with a building project.

(2) The following items shall appear on the landscape plan:

(a) General.

- ((1)) Name and address of owner/developer.
- ((2)) Name and address of architect/designer.
- ((3)) Date of plan preparation.
- ((4)) Dates and description of all revisions.
- ((5)) Name of project or development.
- ((6)) Scale of plan (engineering scale only) at no smaller than 1 inch equals 50 feet.
- ((7)) North point indication.

(b) Landscape Data.

- ((1)) Planting schedule (table) containing:
 - ((a)) Symbols
 - ((b)) Quantities
 - ((c)) Common names
 - ((d)) Botanical names
 - ((e)) Sizes of plant material at time of planting
 - ((f)) Root specification (B.R., B & B, potted, etc.)
 - ((g)) Special planting instructions

- ((2)) Existing tree and shrubbery, locations, common names and approximate size.
- ((3)) Planting detail (show all species to scale at normal mature crown diameter, or spread for local hardiness zone).
- ((4)) Typical sections in detail of fences, tie walls, planter boxes, tot lots, picnic areas, berms, and other similar features.
- ((5)) Typical sections of landscape islands and planter beds with identification of materials used.
- ((6)) Details of planting beds and foundation plantings.
- ((7)) Note indicating how disturbed soil areas will be restored through the use of sodding, seeding, or other techniques.
- ((8)) Delineation of both sodded and seeded areas with total areas provided in square feet, and slope information.
- ((9)) Coverage plan for underground irrigation system, if any.
- ((10)) Statement or symbols, to describe exterior lighting plan concept.

(c) Special Conditions.

Where landscape or man-made materials are used to provide required screening from adjacent and neighboring properties, a cross-section shall be provided through the site and adjacent properties to show property elevation, existing buildings and screening in scale.

D. Landscaping Materials; Definitions.

All plant materials shall be living plants. Artificial plants are prohibited.

(1) Gross and ground cover.

- (a) Ground cover shall be planted in such a manner as to present a finished appearance and reasonably complete coverage within twelve (12) months after planting, with proper erosion control during plant establishment period. Exception to this is undisturbed areas containing natural vegetation which can be maintained free of foreign and noxious materials.

- (b) Accepted ground covers are sod, seed, or other organic material. The use of rock and bark mulch shall be limited to areas around other vegetation (i.e., shrubs) and shall be contained by edging.
- (2) Trees.
- (a) Over-story Deciduous.
 - ((1)) A woody plant, which at maturity is thirty (30) feet or more in height, with a single trunk unbranched for several feet above the ground, having a defined crown which loses leaves annually.
 - ((2)) Such trees shall have a 2-1/2-inch caliper minimum at planting.
 - (b) Ornamental.
 - ((1)) A woody plant, which at maturity is less than thirty (30) feet in height, with a single trunk unbranched for several feet above the ground, having a defined crown which loses leaves annually.
 - ((2)) Such trees shall have a 1-1/2-inch caliper minimum at planting.
 - (c) Coniferous.
 - ((1)) A woody plant, which at maturity is at least thirty (30) feet or more in height, with a single trunk fully branched to the ground, having foliage on the outermost portion of the branches year-round.
 - ((2)) Such trees shall be six (6) feet in height a planting.
- (3) Shrubs.
- (a) Deciduous or evergreen plant material, which at maturity is fifteen (15) feet in height or less. Such materials may be used for the formation of hedges. Such materials shall meet the following minimum standards at time of planting:
 - ((1)) Dwarf deciduous shrubs shall be eighteen (18) inches tall.
 - ((2)) Deciduous shrubs shall be twenty-four (24) inches tall, except as in Section D below.
 - ((3)) Evergreen shrubs shall be of the eighteen (18) inch classification.

(4) Vines.

Vines shall be at least twelve (12) inches high at planting, and are generally used in conjunction with walls or fences.

(5) Slopes and Berms.

(a) Final slope upgrades steeper than 3:1 will not be permitted without special approval or treatment such as terracing or retaining walls.

(b) Earth berm screening parking lots and other open areas shall not have slopes exceeding 3:1. A minimum three (3) foot berm is required.

E. Perimeter Landscaping; Standards.

(1) In order to achieve landscaping which is appropriate in scale with the size of a building and site, the minimum standards apply:

(a) One (1) tree for every thousand (1,000) square feet of total building floor area or one (1) tree for every fifty (50) feet of site perimeter, whichever is greater. A minimum of thirty percent (30%) of the trees required will be coniferous.

(b) Two (2) ornamental trees can be substituted for every one (1) over-story deciduous shade tree. In no case shall ornamental trees exceed fifty percent (50%) of the required number of trees.

(c) Parking and driving areas between the building and frontage street shall be screened in the following manner:

((1)) A continuous mass of plant materials; minimum of three (3) feet in height at time of planting;

((2)) A continuous earth berm with slopes no greater than 3:1 and a minimum of three (3) feet in height; or

((3)) A combination of earth berms and plant materials such that a minimum of three (3) feet of continuous screening is achieved.

F. Interior Parking Lot Landscaping Standards.

(1) All parking areas containing over one hundred (100) stalls shall include unpaved, landscaped islands that are reasonably distributed throughout the parking area to break up the expanses of paved areas. Landscaped islands shall be provided every two hundred fifty (250) feet or more of uninterrupted parking stalls.

- (2) All landscaped islands shall contain a minimum of one hundred eight (180) square feet with a minimum width of five (5) feet and shall be provided with deciduous shade trees, or ornamental, or evergreen trees, plus ground cover, mulch, and/or shrubbery, in addition to the minimum landscape requirements of this ordinance. Parking area landscaping shall be contained in planting beds bordered by a six (6) inch raised concrete curb.
- (3) Trees shall be provided at the rate of one tree for each fifteen (15) surface parking spaces provided or a fraction thereof.

G. Screening and Buffering Standards.

- (1) Where the parcel abuts park or residentially zoned property, there shall be provided a landscaped buffer which shall be constructed in the following manner:
 - (a) A screening fence or wall shall be constructed within a five (5) foot strip along the property lines abutting the park or residentially zoned property. Said fence or wall shall be constructed of attractive, permanent finished materials, compatible with those used in the principal structure, and shall be a minimum of six (6) feet high and a maximum of eight (8) feet high. Chain link fences shall have non-wooden slats when used for screening purposes;
 - (b) A planting screen shall be constructed in a fifteen (15) foot strip and shall consist of healthy, fully hardy plant materials and shall be designed to provide a minimum year-round opaqueness of eighty percent (80%) at the time of maturity. The plant material shall be of sufficient height to achieve the required screening. Planting screens shall be maintained in a neat and healthful condition. Dead vegetation shall be promptly replaced; or
 - (c) If the existing topography, natural growth of vegetation, permanent buildings or other barriers meet the standards for screening as approved by the City, they may be substituted for all or part of the screening fence or planting screen.
- (2) All loading docks must be located in the rear or side yards and be screened with a six (6) foot high minimum solid screening fence if visible from a public right-of-way or if within thirty (30) feet of a residential districts.
- (3) All external loading and service areas accessory to buildings shall be completely screened from the ground level view from contiguous residential properties and adjacent streets, except at access points.

H. Credit for Large Trees.

The total number of required over-story trees may be reduced by one-half (1/2) tree for each new deciduous tree measuring three (3) inches or more in diameter, or each new coniferous tree measuring eight (8) feet or more in height. In no event, however, shall the reduction be greater than twenty-five (25) percent of the total number of trees required.

I. Credit for Existing Trees.

The total number of required new over-story trees may be reduced by the retention of existing over-story trees provided that the following conditions are satisfied:

- (1) Such trees are four (4) inches or greater in caliper measured six (6) inches from soil level.
- (2) For each existing tree meeting the requirement, two trees as required in Section D above may be deleted.
- (3) Proper precautions to protect trees during development shall be indicated on grading plans submitted for plan review. Such precautions are outlined in Section J. These precautions shall be included in the landscape surety.

J. Irrigation.

Underground irrigation shall be required to maintain all landscaped, boulevard, front and side yard areas.

K. Installation.

- (1) The following standards shall be met when installing the required landscaping:
 - (a) Plant materials shall be located to provide reasonable access to all utilities.
 - (b) All required screening or buffering shall be located on the lot occupied by the use, building, facility or structures to be screened. No screening or buffering shall be located on any public right-of-way.
 - (c) Sodded areas on slopes shall be staked.
 - (d) Seeded areas shall be mulched with straw to prevent erosion. Hydra mulching is acceptable.
 - (e) Oak trees shall be surrounded by snow fence or other means at their drip line to prevent compaction of their root systems.

- (f) Plantings shall not be placed so as to obstruct lines of sight at street corners and driveways.
 - (g) No plant materials reaching a mature height of twenty (20) feet or more shall be planted within a twenty-five (25) foot lineal path of the centerline of an overhead power line.
- (2) The applicant shall install all landscape materials within one year; but shall have three (3) years within which to install the required landscaping if the following minimum standards are met:
- (a) First Year.
 - ((1)) All grading is completed, including installation of berms.
 - ((2)) The required irrigation system is installed.
 - ((3)) Areas to be seeded and/or sodded are installed.
 - ((4)) Screening for adjacent residential areas is installed, if required.
 - ((5)) Twenty-five percent (25%) of the required over-story trees are installed.
 - ((6)) Twenty-five percent (25%) of the perimeter landscaping is installed.
 - (b) Second year.
 - ((1)) The remainder of the perimeter landscaping is installed.
 - ((2)) Interior landscaping is installed.
 - ((3)) Fifty percent (50%) of the remaining required over-story trees are installed.
 - (c) Third Year.

Any remaining landscaping shall be installed.

L. Maintenance.

- (1) The property owner shall be responsible for replacement of any dead trees, shrubs, ground covers, and sodding. If any plant materials are not maintained or replaced, the property owner shall have, upon written notification from the City, one growing season to replace said materials before the City shall maintain or replace said plant materials and assess the property for the costs thereof. Plant materials need not be replaced specie for specie; however, in no case shall the number of plant materials be reduced from the minimum that is required by this section when replacing dead plant materials.
- (2) Screen fences and walls which are in disrepair shall be repaired.
- (3) All vacant lots, tracts, or parcels shall be properly maintained in an orderly manner free of litter and junk. (Ref. 960)

7. PERFORMANCE STANDARDS

A. Parking Facilities.

All driveways, parking areas and loading docks shall be surfaced with blacktop, concrete or other hard surface material approved by the City.

B. Exterior Storage.

The exterior storage of materials, motor vehicles, and equipment shall comply with Section 205.17.01.C.(11). (Ref. 995)

C. Refuse.

All waste materials, refuse or garbage shall be contained in closed containers as required under the chapter entitled "Waste Disposal" of the Fridley City Code.

D. Screening.

- (1) Screening of off-street parking shall be required for:
 - (a) Any off-street parking area visible from a public right-of-way.
 - (b) Any driveway to a parking area adjoining a public right-of-way.
- (2) Where any industrial district is adjacent to a public right-of-way or across from any residential district, the following requirements must be met:

- (a) There shall be a five (5) foot sidewalk easement provided along the property line.

Council may allow the applicant to delay the installation of the sidewalk, if the applicant signs an agreement that it will be constructed when the City requires the installation.
- (b) There shall be a fifteen (15) foot planting strip located behind the required sidewalk, that is substantial enough to create a physical separation between the public right-of-way and the industrial property.
- (3) All trash or garbage storage receptacles must be located in the rear or side yards, and be totally screened from view from any public right-of-way. Provisions must be taken to protect screening from vehicle damage.
- (4) All raw materials, supplies, finished or semi-finished products and equipment, not including motor vehicles, shall be stored within an enclosed building or be screened on all sides from view from a public right-of-way or an adjoining property of a different district by a fence or other approved screen which extends two (2) feet above the highest item to be stored with the height of the fence not to exceed eight (8) feet except where materials and equipment are being used for construction on the premises.
- (5) Motor vehicles necessary to the operation of the principal use, may be stored without screening only in the permitted rear yard area if they are not readily visible from a public right-of-way, adjacent residential district, a residential district across a public right-of-way, or a public park. (Ref. 995)
- (6) All roof equipment, except alternate energy devices, must be screened from public view unless the equipment is designed as an integral part of the building and is compatible with the lines of the building, as determined by the City. (Ref. 960)

E. Drainage and Grade Requirements.

A finished ground grade shall be established such that natural drainage away from all buildings is provided. The following minimum criteria shall apply:

- (1) The minimum elevation of finished grade shall not be less than one-fourth (1/4) inch rise per horizontal foot of setback measured from curb grade.
- (2) The City may specify a minimum finished ground grade for any structures in order to allow proper drainage and connection to City utilities.
- (3) Grading shall meet all other requirements of Chapter 208, Stormwater Management and Erosion Control. (Ref 1225)

F. Maintenance.

It shall be the responsibility of the property owner to ensure that:

- (1) Every exterior wall, foundation and roof of any building or structure shall be reasonably watertight, weathertight and rodentproof and shall be kept in a good state of maintenance and repair. Exterior walls shall be maintained free from extensive dilapidation due to cracks, tears or breaks of deteriorated plaster, stucco, brick, wood or other material that gives evidence of long neglect.
- (2) The protective surface on exterior walls of a building shall be maintained in good repair and provide a sufficient covering and protection of the structural surface against its deterioration. Without limiting the generality of this Section, a protective surface of a building shall be deemed to be out of repair if:
 - (a) More than twenty-five percent (25%) of the area of any plane or wall on which the protective surface is paint is blistered, cracked, flaked, scaled or chalked away; or
 - (b) More than twenty-five percent (25%) of the pointing of any brick or stone wall is loose or has fallen out.
- (3) Every yard and all structures, walls, fences, walks, steps, driveways, landscaping and other exterior development shall be maintained in an attractive, well kept condition.
- (4) The boulevard area of a premises shall be properly maintained, groomed and cared for by the abutting property owner.

G. Essential Services.

- (1) Connection is required on each lot served by City sanitary sewer.
- (2) Connection is required on each lot served by City water line. (Ref. 960)