

**ARTICLE 21
PARKING AND LOADING REGULATIONS**

Last updated August 7, 2001

Sec. 21.01 SCOPE.

In all Zoning Districts, off-street parking facilities for the storage and parking of self-propelled motor vehicles for the use of occupants, employees, and patrons of the buildings hereafter erected, altered or extended after the effective date of this Ordinance, shall be provided as herein prescribed. Such space shall be maintained and shall not be encroached upon so long as said main building or structure remains, unless an equivalent number of such spaces are provided elsewhere in conformance with this Ordinance.

Sec. 21.02 LOCATION OF PARKING.

The off-street parking required by this Chapter shall be provided in accordance with the following requirements.

- A. One and Two Family Dwellings: The off-street parking facilities required for one and two family dwellings must be located on the same lot or plot of ground as the building they are intended to serve. Parking is limited to the driveway only and one additional parking lane may be allowed with approval of the Zoning Administrator.
- B. Multiple Family: The off-street parking facilities for multi-family dwellings must be located on the same lot or plot of ground as the dwellings they are intended to serve, and shall consist of a parking lot as defined elsewhere in this

Article. In no event shall any uncovered parking space in a multi-family district be located nearer than ten (10) feet to any main building.

- C. Mobile Home Parks: The off-street parking required may be located on each site or in parking lots conveniently located and readily accessible to each site. Each parking space must meet the minimum area requirements. In no event shall any uncovered parking space in a Mobile Home Park be located nearer than ten (10) feet to any main building.
- D. Other Land Uses: The off-street parking required may be located on each site or in parking lots conveniently located and readily accessible to each site. Each parking space must meet the minimum area requirements and meet any other engineering standards deemed necessary by the Planning Commission.

Sec. 21.03 PARKING LOT PAVEMENT REQUIREMENT.

All parking facilities required for uses mentioned in Section 21.06 of this Chapter shall be hard-surfaced with a pavement having an asphalt or concrete binder except the following:

- A. Parking areas for non-residential uses in the agricultural and rural district are not required to be paved if none of the public roads adjacent to the site are paved.

- B. Driveways and parking areas for single family or two family dwellings or agricultural uses in the agricultural and rural district or any residential district are not required to be paved unless the dwelling is located within a platted subdivision or condominium subdivision plan or project as defined by Michigan State Act 59, 1978, as amended, in which case paving shall be required.
- C. Parking areas used temporarily for the purpose of parking cars or other vehicles to attend carnivals, short-term open air businesses, recreational activities, park-n-ride transit lots are not required to be paved.
- D. During site plan review, the Planning Commission may approve temporary exceptions to the paving requirements to accommodate project phasing or weather-related delays.

All parking areas shall be graded and drained so as to dispose of surface water which might accumulate within or upon such area, and shall be completely constructed prior to a Certificate of Occupancy being issued.

Sec. 21.04 PARKING LOT CONSTRUCTION REQUIREMENT.

The construction of any parking lot shall be in accordance with the requirements of this Ordinance and such construction shall be completed and approved by the Zoning Administrator before actual use of the property as a parking lot and before a Certificate of Occupancy is issued. Plans for

the development of any parking lot must be submitted to the Zoning Administrator, prepared at a scale of not less than one (1) inch equals fifty (50) feet and indicating existing and proposed grades, drainage, pipe sizes, parking of all dimensions, type of curbing, drive and aisle dimensions, lighting, adjacent main buildings, sidewalks, landscaping, surfacing and base materials to be used, and the layout of the proposed parking lot. The plans are to be prepared in a presentable form by person or persons competent in such work and shall reflect conformance with the following provisions.

- A. All illumination for or on all such parking lots shall be deflected or directed away from adjacent residential areas and roadways and shall be installed in such a manner as to allow the reduction of the amount of light on other than normal parking hours each day.
- B. The required front yard setback area in a multi-family residential area shall be maintained as green area. In cases of difficult topography, the Zoning Administrator may allow the parking lots to extend into the front setback area provided that the average of front setback areas totals at least thirty (30) feet from any public street right-of-way. In no case shall the parking lot be any closer than ten (10) feet to a public right of way.
- C. When a required nonresidential parking lot or parking area is situated on a parcel which adjoins a residential District or a residential use, the respective side or rear yard setback in which said parking is located shall be a minimum of thirty (30) feet of which the fifteen (15) feet nearest

the respective property line is developed as a greenbelt; extending from the front setback to the rear yard setback in the case of the side yard parking adjoining the residential use, or the width of the rear of the lot in the case of rear yard parking adjoining the residential use.

- D.** Adequate ingress and egress to the parking lot, by means of limited and clearly defined drives, shall be provided for all vehicles.
- E.** Wheel stops or curbs shall be provided and so located as to prevent any vehicle from projecting over the lot or setback lines and to protect landscaping.
- F.** Plans for the layout of off-street parking facilities shall be in accordance with the following minimum regulations. The minimum parking space dimensions for a layout not provided for in the following regulations shall be nine (9) feet in width, twenty (20) feet in length, and 180 square feet in area.

Sec. 21.05 PARKING RESTRICTIONS.

Off-street and on-street parking of vehicles shall be further restricted by the following requirements. After the effective date of this Ordinance it shall be unlawful for the owner, tenant, or lessee of any lot, parcel or tract of land in a residential district or within a platted subdivision or condominium subdivision plan or project as defined by the State of Michigan Condominium Act, Public Act 59 of 1978, as amended, to permit or allow the open storage or parking, either day or night, thereon of trucks with a capacity that exceeds one (1) ton, semi trucks and

trailers, mobile homes, tractors, bulldozers, earth carriers, drag lines, cranes, steam shovels or any other equipment or machinery. It is provided, however, that the owner, tenant or lessee of a farm may openly store on the farm the machinery and equipment used on the farm; and it is further provided that equipment necessary to be parked overnight on a lot, parcel or tract of land during construction work thereon shall be accepted from this restriction.

Sec. 21.06 TABLE OF OFF-STREET PARKING REQUIREMENTS.

- A.** For the purposes of determining off-street parking and loading requirements the following provisions shall apply:
 - 1. In mercantile establishments, usable floor area (UFA) shall mean the floor area used for service to the public. It shall not include floor area used for storage or the processing and packaging of merchandise where it is carried on in a room in which service to the public is not involved.
 - 2. Gross floor area (GFA) shall include usable floor area devoted to storage, processing, packaging, and utilities.
 - 3. In hospitals, bassinets shall not be counted as beds.
 - 4. Where benches, pews, or other similar seating facilities are used as seats, each twenty-four (24) inches of such seating facilities shall be counted as one (1) seat.

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B. The amount of required off-street parking spaces by type of use shall be

determined in accordance with the following tables.

USE	REQUIRED NO. OF PARKING SPACES	PER EACH UNIT OF MEASURE AS FOLLOWS:
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RESIDENTIAL

One and two family	2	Per each dwelling unit
Multiple family and attached single family	2	Per each dwelling unit
Mobile home parks	2	Per each mobile home unit
Boarding house	1	Per each sleeping room

INSTITUTIONAL AND RECREATIONAL

Churches	1	Per each four (4) seats in larges sanctuary or hall
Hospitals	1 1 1	Per each two (2) beds plus, Per staff doctor, plus Per each two (2) employees
Libraries and museums	1	Per each 400 square feet
Lodge halls, private clubs, veterans clubs	1	Per each three (3) individual members allowed within the maximum occupancy load as established by local, county or state, fire, health, or building codes.
Private tennis club, swim club, golf club, or other similar use	1	Per each two (2) member families or individuals, plus amount required for accessory uses.
Theaters, auditoriums, and assembly halls	2 1	Per each five (5) seats based on the maximum seating capacity in the main place of assembly therein, plus Per each two (2) employees
Convalescent homes, homes for the aged, nursing homes, children's homes	1 1 1	Per each four (4) beds, plus Per each staff doctor, plus Per each two (2) employees
Stadiums and sports areas	1	Per each four (4) seats or eight (8) feet of bench

BUSINESS AND COMMERCIAL

Animal hospitals and kennels	1 1	Per each 400 square feet UFA, plus Per each two (2) employees
Auto salesrooms, wholesale stores, machinery sales, other similar uses	1 1	Per each 300 square UFA, plus Per each employee
Auto garages, auto repair shops, collision or bump shops, or other similar uses	1 1 2	Per each 800 square UFA, plus Per each two (2) employees computed on the basis of the maximum number of employees on duty at any one time, plus Per each stall or service area
Automobile service or filling stations	2 1 1	Per each service stall, plus Per each employee, plus Per each service vehicle
Vehicle wash establishment	1	One for each employee, plus three (3) additional spaces.
Barber shops	2	Per each barber
Beauty shops	3	Per each beauty operator
Bowling alleys	6	Per bowling lane, plus amount required for accessory uses
Dance halls, exhibition halls, pool halls, billiard parlors, and assembly halls without fixed seats	1 1	Per each two (2) persons allowed within the maximum occupancy load as established by local, county or state fire, health, or building codes, or Per each 100 square feet
Drive-in restaurants or similar drive-in uses for the sale of food, beverages, or refreshments	1	Per each 50 square feet GFA, plus Per each three (3) employees with a minimum total of 40 parking spaces
Drive-in theater	1 1	Per each outdoor speaker facility, plus Per each two (2) employees
Furniture, appliances and household equipment, repair shops, hardware stores, and other similar uses	1 1	Per each 800 square feet of UFA, plus Per each two (2) employees
Laundromat, coin operated dry cleaning establishment	1	Per each two (2) washing and dry cleaning machines
Miniature or "Par 3" golf course	2 1	Per each hole, plus Per each two (2) employees

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Mortuary establishments, funeral homes, undertaking parlors	1	Per each 50 square feet of parlor area
Motels, hotels, tourist homes	1	Per each quest bedroom, plus one (1) per each employee, plus amount required for accessory uses
Open air business (not otherwise provided for herein)	1	Per each 800 square feet lot area used of said business
Personal service establishment (not otherwise provided for herein)	1	Per each 300 square feet of UFA, plus
	1	Per each two (2) employees
Restaurants and other establishments (other than drive-in restaurants) in which is conducted the sale and consumption on the premises of food, beverages, or refreshments	1	Per each three (3) persons allowed within the maximum occupancy load as established by local, state or county fire, health or building codes, plus
	1	Per each three (3) employees, or
	1	Per each 70 square feet UFA, plus Per each three (3) employees (whichever is greater)
Retail stores, except as otherwise specified herein	1	Per each 200 square feet of GFA, plus
	1	Per each three (3) employees
Roadside stands	5	Per each establishment

OFFICES

Banks (other than drive-in banks), post offices	1	Per each 200 square feet UFA, plus
	1	Per each employee
Business and professional offices	1	Per each 300 square feet GFA
Drive-in bank	4	Standing spaces per each outside teller access, plus normal requirements for banks
Medical clinic and dental clinic	4	Per each staff or visiting doctor, plus
	1	Per each employee

INDUSTRIAL

Industrial or manufacturing establishments research establishments	1	Per each 1 ½ employees computed on the basis of the greatest number of persons employed at any one time, day or night, or
	1	Per each 2,000 square feet UFA (whichever is greater)

Warehouses and storage buildings	1	Per each two (2) employees computed on the basis of the greatest number of persons employed at any one time, day or night, or
	1	Per each 2,000 square feet GFA (whichever is greater)

Sec.21.07 MISCELLANEOUS OFF-STREET PARKING PROVISIONS.

- A.** Existing Off-Street Parking at Effective Date of Ordinance: Off-street parking existing at the effective date of this Ordinance which serves an existing building or use, shall not be reduced in size to less than that required under the terms of this Ordinance.
- B.** Fractional Requirements: When units or measurements determining number of required parking spaces result in requirement of a fractional space, any fraction up to, and including one-half (1/2) may be disregarded and fractions over one-half (1/2) shall require one (1) parking space.
- C.** Requirements for a use not mentioned shall be the same for that use which is most similar to the use not listed, as determined by the Zoning Administrator.
- D.** Additional parking shall be provided and maintained in proper ratio to any increase in floor area or building use capacity.
- E.** In the case of mixed uses in the same building, the total requirements for off-street

parking and loading shall be the sum of the requirements for the separate individual uses computed separately.

- F.** Joint or collective provision of off-street parking for buildings or uses on two or more properties shall not be less than the sum of the requirements for the participating individual uses computed separately.
- G.** It shall be unlawful to use any of the off-street parking or loading area established to meet the requirements of this Ordinance for any purpose other than the parking of licensed vehicles or loading or unloading of necessary service trucks.

Sec. 21.08 OFF-STREET LOADING REQUIREMENTS.

On the same premises with every building or part thereof, erected and occupied for manufacturing, storage, warehouse, goods display, department store, wholesale, market, hotel, hospital, laundry, dry cleaning, or other similar use involving the receipt or distribution of vehicles, material or merchandise, there shall be provided and maintained on the lot adequate space for standing, loading and unloading services in

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order to avoid undue interference with street or parking areas.

of ten (10) feet by twenty-five (25) feet with fourteen (14) foot height clearance, and shall be provided according to the following schedule:

Such loading and unloading space, unless completely and adequately provided for within a building, shall be a minimum area

<u>GROSS FLOOR AREA IN SQUARE FEET</u>	<u>LOADING AND UNLOADING SPACES REQUIRED IN TERMS OF SQUARE FEET OF GROSS FLOOR AREA</u>
0 – 2,000	None
2,000 – 20,000	One space
20,000 – 100,000	One (1) space plus One (1) space for each 20,000 square feet in excess of 20,000 square feet.
100,000 – 500,000	Five (5) spaces plus one (1) space for each 40,000 square feet in excess of 100,000 square feet.
Over 500,000	Fifteen (15) spaces plus one (1) space for each 80,000 square feet in excess of 500,000 square feet.

Double count. Off-street loading space areas shall not be construed as, or counted towards, the supplying of area required as off-street parking space area.

Sec. 21.09 MINIMUM SIZE AND ACCESS.

All spaces and isles shall be designed to meet the following minimum standards:

Parking Pattern	Maneuvering Lane Width		Min Parking Space Width ¹	Min Parking Space Length ¹	Total Width of 2 Tiers of Spaces Plus Maneuvering Lane	
	One Way	Two Way			One Way	Two Way
0 degree (parallel parking)	11 ft.	18 ft.	8 ft.- 6 in.	25 ft.	28 ft.	35 ft.
30-50 degrees	12 ft.	20 ft.	9 ft.	21 ft.	54 ft.	62 ft.
54-70 degrees	13 ft.	24 ft.	9 ft.	21 ft.	55 ft.	66 ft.
75-90 degrees	15 ft.	26 ft.	9 ft.- 6 in.	20 ft.	55 ft.	66 ft.

¹ Measured perpendicular to the longitudinal space centerline.

² Measured along the longitudinal space centerline.