



**CITY OF WARREN
PLANNING COMMISSION**

JAMES R. FOUTS, MAYOR
ONE CITY SQUARE, STE. 315
WARREN, MICHIGAN 48093-5283
PHONE: (586) 574-4687 FAX: (586) 574-4645
CONTACT PLANNING DEPARTMENT

SITE PLAN APPLICATION FOR:

- SITE PLAN
- PUD (PLANNED UNIT DEVELOPMENT)
- DC (DOWNTOWN CENTER)

New Structures, Parking Lots, Access Drives Open Storage, Outdoor Retail Sales (permanent) etc.

\$1,500 up to 5,000 sq. ft. and \$20 per additional 1,000 sq. ft. (fee rounds up)

Addition to Site

Building Addition, Parking Lot, Open Storage, Outdoor Retail Sales (Temporary & Seasonal), etc.

\$1,000 up to 5,000 sq. ft. and \$20 per additional 1,000 sq. ft. (fee rounds up)

(Application Effective 3-20-23) (Fees Effective 8-10-21)

PLEASE TYPE OR PRINT

DESCRIPTION OF PROPOSED DEVELOPMENT _____

ADDRESS _____ ZONING _____ Sq. Ft. of Project _____

(If more than one address or parcel attach additional sheet if necessary)

PARCEL P.I.N. 12-13- ESTIMATED COST OF PROJECT \$ _____

(Use additional Sheet if Needed)

(Estimated cost of all site improvements)

LEGAL OWNER:

(PRINT) Name/Company Phone Email or Fax

Address

City/State/Zip

PROFESSIONAL:

(MUST BE LICENSED IN STATE OF MICHIGAN) (PRINT) Name/Company Phone Email or Fax

Address

City/State/Zip

APPLICANT:

(PRINT) Name/Company Phone Email or Fax

Address

City/State/Zip

Signature of Legal Owner (Attached AFFIDAVIT OF OWNERSHIP must be completed) _____ Date _____

Signature of Professional (Site Plan Preparer) _____ Date _____

Signature of Applicant (Representative for Development) _____ Date _____

SITE PLAN CHECK OFF LIST

As you the representative complete these items, you need to check them off. We will not accept packets without all items checked and done.

- Application shall be completed, signed and dated.
- Affidavit shall be completed, signed and notarized.
- The property owner shall be listed on the application and affidavit. If it is a business or LLC we need a contact name. If there is more than one owner, we need an affidavit for each one.
- Submit all phone numbers, fax or emails for contacts for communication purposes.
- If there is a pending rezoning, City Council approval is required before accepting this application.
- Submit twenty (20) copies of site plans that are signed and sealed by an Architect, Engineer, Land Surveyor or A.I.C.P. Planner and an electronic copy (by USB or email to dcrabtree@cityofwarren.org).
- Submit two (2) copies of surveys, signed and sealed by a Land Surveyor.
- Submit as needed two (2) floor plans, fifteen (15) elevation plans and fifteen (15) landscape plans.
- Submit the square footage of what the project is (not entire property).
- A legal description is provided on the site plan and electronically in word format.
- A Site Data Chart is provided on the site plan.
- A Location Map is provided on the site plan.
- Submit the estimated cost of the project.
- If the property has any delinquent taxes, your packet will not be accepted.**

Representative Signature _____ Date _____
(must have signature or will not accept package)

Employee Only – Please Initial:

1. Verify all items completed.
2. Make copy of check.
3. Let applicant know date of Planning Commission Meeting.
4. Stamp application and at least one sheet of plan.
5. Put brief description on agenda immediately.



AFFIDAVIT OF OWNERSHIP OF LAND

I, WE _____
Name(s) of Owner(s)

OF _____
Address, City, State Zip Telephone Email

THE _____ OF _____
Title of Officer Name of Company

BEING DULY SWORN, DEPOSE(S) AND SAY(S) THAT _____
I/We/It

_____/RECORDED LAND CONTRACT PURCHASER(S) _____/RECORDED DEEDHOLDER(S)

OF LAND FOR WHICH SUBMITTAL HAS BEEN/WILL BE MADE TO THE CITY OF WARREN, MACOMB COUNTY, MICHIGAN IN A:

PETITION FOR HEARING BY THE CITY OF WARREN PLANNING COMMISSION

FURTHER, THAT _____
Name(s) of Applicant(s)

THE _____ OF _____
Title of Officer Name of Company

OF _____
Address, City, State Zip Telephone

IS/ARE/MY/OUR DESIGNATED REPRESENTATIVE(S) IN THE PROCESSING OF SAID PETITION.

SIGNED _____

SIGNED _____

STATE OF MICHIGAN
COUNTY OF _____

ON THIS _____ DAY OF _____, 20____, BEFORE ME PERSONALLY CAME
_____, TO ME KNOWN TO BE THE INDIVIDUAL (S) NAMED IN AND WHO

EXECUTED THE FOREGOING AFFIDAVIT, FOR THE PURPOSE AS STATED, AND ACKNOWLEDGED THAT
_____ DID SO OF _____ OWN FREE WILL AND DEED.

NOTARY PUBLIC, _____ COUNTY, MICHIGAN
MY COMMISSION EXPIRES: _____

NOTICE TO OWNER

IF A REPRESENTATIVE APPEARS ON YOUR BEHALF, THE REPRESENTATIVE/APPLICANT SHALL CONTACT THE PLANNING DEPARTMENT BY LETTER OR EMAIL AND MAKE THEMSELVES KNOWN. FAILURE TO ANSWER ANY QUESTION FROM THE COMMISSION MAY RESULT IN YOUR REQUEST BEING TABLED OR DENIED. IT IS RECOMMENDED THAT YOU APPEAR IN PERSON.



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Site Plan Approval Procedure

- An applicant's request for tabling a public hearing must demonstrate an undue hardship on the applicant AND indicate a date certain for the future public hearing. Two (2) requests for tabling is allowed per petition.
 - Site plan approval does not waive or override the City of Warren Building and Fire Codes and all other applicable requirements that may apply.
 - Please be sure to thoroughly review the attached Plan Requirements, Landscape Plan Requirements, The Standard Conditions of the Planning Commission and the Site Plan Approval Procedure. The Affidavit of Ownership of Land is attached, must be completed and submitted with the application.
 - By signing the application, permission is granted for City Staff and Board Members to enter the subject property for purposes of gathering information to review the request.
 - I acknowledge there are no refunds for any reason.
1. Applicants may schedule a meeting with Planning Staff to conduct a preliminary review of the proposed site plan in order to identify issues which may arise during the review process. This preliminary meeting is not a requirement.
 2. A completed application, check off list, affidavit of ownership, required plans and applicable fee must be submitted to the Planning Department. **In addition to the required hard copy documents, an electronic PDF version of all submitted Site Plans, Floor Plans, Landscape Plans, Elevations and Property Surveys must also be included with all submittals.** Site plans will be placed on a Planning Commission agenda in accordance with the schedule prepared by the Planning Staff.
 3. The applicant will receive a notice informing them of the Planning Commission public hearing scheduled for their item. Attendance at the Planning Commission meeting is **mandatory**.
 4. If the request is approved by the Planning Commission, the applicant will receive formal correspondence from the Commission secretary outlining any conditions placed on the site plan approval, including the submittal of the required bond, revised site plans, etc. If the request is denied by the Commission, the applicant will receive formal correspondence from the Commission secretary outlining the reasons for the denial.
 5. The required performance bond (cash, surety or letter of credit) must be approved by the City Attorney's Office prior to being submitted to the Planning Department (please note that the Planning Department has performance bond forms available).
 6. When all of the conditions of the site plan approval have been completed, the Planning Department will prepare a letter to the Building Division indicating that they may begin processing a building permit application for the site. Please note all required permits are the responsibility of the applicant.

7. When the site is completed in compliance with the approved site plan, including all site improvements, the applicant shall submit a written email or faxed request to the Planning Department requesting that the performance bond be released.

The Planning Staff will perform an inspection of the site to confirm completion. If the site has been completed, the item will be placed on the next available Planning Commission agenda for bond release approval. If the site has not been completed, the Planning Staff will send correspondence to the applicant outlining the deficiencies with the site. All subsequent requests for bond release/site inspection shall require a \$50 fee.



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Standard Conditions of the Planning Commission

1. Parking areas and driveways accessing streets shall be curbed, graded, drained, and hard surfaced within one (1) years' time of issuance of a building permit. The Division of Engineering shall approve parking/driveways in accordance with the approved site plan.
2. When two abutting property owners jointly use one driveway or two adjoining driveways sharing the same driveway entrance with the driveway radii extending onto each property owner's frontage, they shall provide a recorded document for shared (ingress/egress) or (shared parking) with the owner of the property abutting to the _____. This document shall be approved in draft format for form by the City Attorney prior to it being recorded at the Macomb County Register of Deeds.
3. Perpendicular parking spaces abutting a common property line shall be a minimum of twenty-two (22) ft. in length and a minimum of nine (9) ft. in width. All parking spaces adjoining a wall shall have the leading edge of a continuous concrete curbing measured five (5) ft. from the property line. If parking spaces abut a common property line AND do not require continuous curbing, then they shall have six (6) in. high, six (6) in. wide concrete curbing or a protective "bumper curb" placed with the leading edge five (5) ft. from the property line.
4. Planning Commission approval for the site plan is contingent upon a true representation of the development, which means that all dimensions, acreage, and figures on a site plan shall be accurate.
5. Front setback areas and areas between sidewalks and street curbs must be planted and maintained with grass and trees. Trees should be planted every fifty (50) ft. or less on center when these areas abut public right-of ways. Please note that areas along Van Dyke Avenue, Eight Mile Road, and Groesbeck Highway have proved difficult to landscape and the Planning Staff will review each plan abutting these roadways on an individual basis. A grass area with a three (3) ft. wide concrete strip along the street curb may be acceptable. Do not place loose materials or stones within front setback areas or public right-of-ways.
6. The curb radii connecting driveway approaches shall be twenty (20) ft. to twenty-five (25) ft. The government agency (City Engineer, Macomb County Road Commission, and MDOT) with jurisdiction over the Right-of-Way will evaluate the location, deceleration lanes, etc. for any points of access. MDOT may not be able to prepare a review of a site plan by the public hearing date set by the Planning Commission. When this situation arises, it is the responsibility of the applicant to obtain the approval from MDOT. If MDOT requires modification of the site plan, the Planning Director will review minor changes administratively, or remit major changes to the Planning Commission for consideration.
7. Construct sidewalks to the standards of the Division of Engineering. Sidewalk ramps at roadway intersections, driveways, sidewalk grade separations, etc. must comply with Act 8, P.A. 1973 (MCLA 125.1361). All new and existing sidewalks where offset by varying property right-of-ways shall be provided with reverse curves.

8. Any screening wall required shall be a brick embossed, poured concrete wall with a 45° cap. The wall shall be six (6) feet higher than the established grade of the properties abutting the property line. A detail of construction for walls shall accompany the site plan. The Planning Director may allow walls a minimum three (3) ft. high if sight lines for adjacent properties are an issue.
9. Install greenbelts and walls before requesting a Certificate of Compliance.
10. Any lighting on the site shall not encroach onto abutting properties or right-of-ways.
11. A trash enclosure shall be provided on each site. The enclosure shall be constructed with six (6) ft. high, brick embossed poured concrete walls. Gates with chain link and slats or boards should not have more than an inch of space separation between them. Details for construction are available in the Planning Department. Alternate trash enclosure materials may be considered upon approval by the Planning Director or Planning Commission.
12. All sites must comply with the provisions of Act 1 (1966, as amended, MCLA 125.1352) for ADA persons. This includes the installation of signs, blue painted parking stall lines, and symbols.
13. Post the required performance bond in a form (surety, cash or letter of credit) approved by the City Attorney. The minimum amount of the bond will be three (3) percent of the estimated cost of the new construction, including all site improvements. The Planning Commission may require a higher bond amount if it determines that it is necessary based on the circumstances of the proposed site plan. This assures the City of development in accordance with the approved site plan, completed within two (2) years of issuance of a building permit. The Planning Staff will conduct a site inspection after a request in writing to release the bond is received. **There is no fee for the initial bond release inspection, however each subsequent inspection will require a \$50 fee.** The Planning Commission will only release the bond after the Planning Staff verifies that the development meets the conditions of the site plan approval.
14. If a site plan is approved and a building permit is not issued within two (2) years from the date of approval, the site plan approval will expire and be revoked. If an issued building permit expires after six (6) months, the site plan approval will also be revoked and a new building permit may not be issued until the Planning Commission extends site plan approval or a new site plan approval is granted. **Please note that there will be a \$200 fee assessed for a site plan approval extension of one (1) year or less.**
15. Site Plan and/or Special land approval does not waive or override the City of Warren's Building and Fire Codes. Fire hydrant location and distances are required on all site plans, along with fire apparatus access and turn around, construction type, and external flammable and combustible liquid storage (M-3 and M-4 Districts only) referenced in the current Zoning Ordinance and International Building and Fire Code.
16. Open storage of vehicles, trailers, and materials other than junk on site is prohibited except as stipulated in Section 17.02 (s) and (t) Industrial Districts of the Zoning Ordinance and requires site plan approval.
17. If the proposed development is within the Red Run Drain, connecting tributaries, easements or right-of-ways, then the Red Run Inter County Drainage Board requires permits for the installation of storm drainage taps.
18. The Planning Commission may require a traffic study, Phase I Environmental Assessment or other studies on the subject property if the Commission believes that there may be a health, safety, and welfare concern.

19. All developments or redevelopments that disturb one acre or more, including projects less than one acre of a larger common plan of development, shall show how the developed site will comply with the storm water runoff requirements for the Minimum Treatment Volume Standard, the Channel Protection Standard, and the long term requirement to maintain the design performance of all constructed best management practices for storm water runoff volume and quantity. Guidance for meeting these requirements is found in the ***Procedures and Design Standards for Storm Water Management*** as published by the Macomb County Public Works Office.
20. On December 1, 2021, the City of Warren adopted a new storm water ordinance (***Sec. 41-155. – Post-construction storm water runoff***). This ordinance applies to any site plan that proposes land disturbance over an acre. A storm water narrative explaining how the site will comply with this ordinance is required.

SPECIFIC NOTES MAY BE REQUIRED ON SITE PLANS. THE FOLLOWING LIST SHOULD BE REVIEWED AND THE NOTES PROVIDED, IF APPLICABLE:

1. This note applies to property in C-1, C-2, C-3, M-1 and M-2 Zoning Districts if the applicant is not selling or renting items outside the building - NOTE: All outdoor retail sales of items shall be prohibited on the site.
2. This note applies to property in C-3, M-1, M-2, M-3 and M-4 Zoning Districts if the applicant doesn't require open storage outside the building - NOTE: Open storage of vehicles, trailers and materials shall not be permitted on the site.
3. When a new trash enclosure is required, the following note shall be provided - NOTE: A trash enclosure, measuring a minimum 10 ft. x 10 ft. shall be constructed of six (6) ft. high brick embossed poured concrete walls with 45° angle cap, have screened gates and be placed upon a minimum 10 ft. x 18 ft. concrete pad that provides an 8 ft. wide apron. Masonry block shall not be used as a construction material.
4. This note shall be provided on every site plan - NOTE: All lighting on the site shall be shielded and not encroach upon abutting properties or right-of-ways. Light poles shall be no higher than 20 ft. All glare shall be eliminated from all light fixtures. Upward directed lighting shall not be permitted.
5. This note shall be provided on every site plan - NOTE: All landscaped areas shall be automatically irrigated.
6. This note shall be provided on every site plan - NOTE: All barbed wire and supports for barbed wire are prohibited on the site.



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Site Plan Requirements

1. PREPARATION OF PLANS BY LICENSED PROFESSIONAL

Submit one (1) copy of this application to the Planning Department, along with the corresponding plans (**hard copy and electronic**), **signed and sealed by a professional licensed by the State of Michigan, or an A.I.C.P. Planner** and the appropriate fee (please make checks out to: *City of Warren Treasurer*).

All plans necessary for site plan approval must bear the seal and/or signature of a professional architect, engineer, land surveyor, landscape architect licensed by the State of Michigan or A. I. C. P. Planner. All plans shall be on a minimum 24" x 36" size paper using a minimum engineer's scale of 1" = 10'. Planning Staff may approve smaller scales. The following prescribes the type and quantity of plans the Planning Department requires for your petition:

SITE PLAN:

Site Plan:	20 copies*
Property Survey:	2 copies*
Floor Plan:	2 copies*
Elevations:	15 copies*
Landscape:	15 copies*
Lighting (when necessary)	2 copies*

* **An electronic PDF version of all Site Plans, Floor Plans, Elevations Plans, Landscape Plans, Lighting Plans and Property Survey MUST be included with all submittals.**

NOTE: The Planning Commission may require a traffic study or Phase I Environmental Assessment on the subject property if the Commission believes that there may be a health, safety, and welfare concern.

2. PROPERTY SURVEY PLAN SPECIFICATIONS

A property survey, signed and sealed by a Professional Surveyor licensed by the State of Michigan and presented on a 24" X 36" sheet of paper must be provided. An accurate property survey ensures the Planning Commission that the development presented is as it exists. A survey will also enable your professional to provide you with a higher quality product. The survey shall be separate from the site plan and needs to clearly and correctly show the following:

- A. A correct depiction of the property lines, bearings, and distances of subject property.
- B. The legal owners, address, parcel number, legal description, and applicant/representative.
- C. Platted, cross access, joint driveway access, utility, and drainage easements.
- D. Joint parking and radii encroachment agreements.
- E. Features, structures, and improvements under, on, or above the surface of the property.
- F. Contour lines for elevations may be required depending upon site location.

3. FLOOR PLANS

Plans of each floor of a structure, including mezzanines and the basement, prepared to an architect's scale are a requirement. Please identify all walls, doors, and window openings. Identify areas of each floor by use and sq. ft. Note all seating arrangements and capacities on the plans.

4. BUILDING ELEVATIONS

Acceptable renderings of building elevations prepared to an architect's scale must include the height and width of the building in relation to the established grade, the types and colors of exterior materials, and fenestration, rooflines, chimneys, etc.

5. SITE PLAN SPECIFICATIONS

Please be sure to include all of the information listed below on your site plan.

A. Title Block

1. Project Name and Address
2. Designer Name and Address
3. Drawing Date
4. North Arrow with Drawing Scale
5. Embossed/Stamped and Signed Seal

B. Property Description

1. Legal Description (Match or update City records)
2. P.I.N. Number(s)
3. Property Lines, Bearings & Distance
4. Small Location Map
5. Subdivision Platted Easements(s)
6. Cross Access Easement(s)
7. Joint Parking Agreement(s)
8. Radii Encroachment Agreement(s)
9. Joint Driveway Access Easement(s)
10. Drainage Easement(s)
11. 100 and 500-year Flood Plain Boundaries
12. Acreage of proposed earth disturbance

C. Zoning Ordinance Requirements

1. List all dimensional and use variances granted to the property
2. Provide setbacks for all structures, impermeable and permeable parking areas, storage areas, etc.— measured to property lines
3. Site Data Chart must contain the following:

- a. Use (both existing and proposed)
- b. Zoning district(s) and setbacks (required, existing and proposed)
- c. Site area (sq. ft. or acreage)
- d. Area of existing structure(s)
- e. Area proposed structure(s)
- f. Gross structure area
- g. Structure height
- h. Open storage area
- i. Outdoor sales area
- j. Parking requirements for use
- k. Existing parking area(s)
- l. Proposed parking area(s)
- m. International Building & Fire Code
- n. Michigan Building Code – use group
- o. Acreage of proposed earth disturbance

D. Structures (dimensioned)

1. Principal Structure(s)
2. Accessory Structure(s)
3. Trash Enclosure
4. Greenbelt(s), Fence(s), Wall(s), Earthen Berm(s)
5. Utility Pole(s), Fire Hydrant(s), Manhole(s)
6. Signage
7. Flood Plain Floor Elevations
8. Storage Area(s)
9. Proposed areas for storm water treatment and detention facilities (if applicable)
10. All trees having a minimum caliper of three (3) inches in diameter.
11. All existing natural vegetation features.

E. Impermeable Surface Areas (dimensioned)

1. Parking Area(s)
2. Driveway(s) (26 ft. minimum)
3. Concrete Curbing
4. Concrete Strips
5. Bumper Curbs
6. Public/Private Sidewalk(s)
7. Roof Area (All Structures)

F. Parking Areas and Circulation (dimensioned)

1. Parking Area(s)
2. Barrier-Free Parking Space(s)
3. Loading Zone(s)
4. Maneuvering Lane(s)
5. Vehicle Circulation Arrows

G. Abutting Properties (within 50 ft.)

1. Zoning District(s)
2. Structure(s) and uses of close
3. Driveway(s)
4. Sidewalk(s)
5. Parking Area(s)
6. Greenbelt(s), Fence(s), Wall(s), Earthen Berm(s)

H. Public/Private Streets and Roads (dimensioned)

1. Name and Class (thoroughfare, collector, residential)
2. Defined Centerline
3. Existing and Planned Right-of Ways
4. Public Alley(s), Walkway(s), etc.



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Landscape Plan Requirements

1. LANDSCAPE PLAN REQUIREMENTS AND SPECIFICATIONS

A. Landscape Plan Submittal Requirements

A landscape plan may be required for site plan approval. Proper selection and installation of plant material decreases maintenance and replacement cost over time. Investing in green space will improve the environment and make your site more desirable.

The landscaping plan shall indicate the quantity, quality, location, and the variety of all plantings. Include a maintenance schedule, an irrigation plan, and a method of planting on the plan.

Please prepare all landscape plans on a minimum 24" x 36" reproducible paper, at a minimum scale of 1" = 10' or the Planning Staff may approve smaller scales, and include the following components:

1. Title Block - indicates the project name and address, the date of drawing/revisions, north arrow with drawing scale, and licensed seal of professional on each copy.
2. Plant Data Chart - includes the common and scientific name of proposed plant materials, the quantity of each, the size of each (caliper and height), and any comments relevant to the landscape plan.
3. Landscape Requirement Chart - includes the total site area (sq. ft.), the Planning Commission's required landscaped area, and the total landscaped area proposed by the applicant.
4. Property and Structure Layout - shows the physical properties of the site. Please be sure to include lot lines with dimensions, the location of principal structures on the subject and adjacent properties, impermeable areas, and the location of accessory improvements to the surface of the site (trash enclosures, storage sheds, light poles, etc.).

B. Greenbelts and Earthen Berms

If an industrial or commercially zoned use abuts a residential use or less intense zone, a greenbelt (as defined in Section 2.26 of the Zoning Ordinance) is required. Grass, ground cover or other living plant material shall stabilize the ground surface within the greenbelt unless a durable synthetic material is approved by the Planning Commission.

An earthen berm functions as a visual and acoustical screen between spaces. The Planning Commission has the discretion to require the incorporation of earthen berms within a greenbelt. A landscaped berm (4:1 slope with a minimum height of 6 ft.) should buffer residential uses from areas where parking, truck traffic, open storage areas, and Right-of-Way exist.

C. Landscape Area

In addition to any greenbelt required by the Zoning Ordinance, **ten (10%)** of the net site area (apart from existing and/or proposed public right-of-way) may be incorporated into the site as landscaped open space. Pedestrian walks, plazas, planter and other decorative elements may be included in such landscaped areas, as well as “substantial” (greater than 200 sq. ft. and wider than 8 ft.) stabilized planted areas.

D. Development Connectivity

All developments requiring Site Plan Review should use landscape areas to provide pedestrian connections to adjacent developments as much as possible. In certain instances, the Planning Commission may request the provision of a fifteen (15) foot wide easement for pedestrian walkway/bikeway purposes.

E. Sight Triangle

A “sight triangle” occurs at any corner where two streets intersect and is measured along the property lines twenty-five (25) feet in each direction from the intersection. It is important for the safety of pedestrians and motorists that good vision is maintained within the sight triangle. To ensure clear lines of sight, no plant material, signage, etc. may obstruct view from a height of thirty (30) inches to a height of ten (10) feet above the roadway surface.

F. Natural Feature Preservation

Landscape plans should indicate all existing natural features on site, such as watercourses, bodies of water, plant life, stands of trees and individual trees having a minimum caliper of four (4) inches in diameter. The Licensed Professional shall preserve and enhance these features when designing the site.

G. Landscape Area Installation and Maintenance

Install the approved greenbelt or landscape areas before requesting a Certificate of Compliance from the Building Division. It is important to remove and replace diseased or dying materials, and keep the landscape areas in a neat and orderly appearance after receiving the Certificate of Compliance. **If these areas fall into disrepair, or trees and vegetated areas removed without approval, the site plan is altered and the owner shall receive a violation(s) from the Planning Department and Building Division (Zoning section).**

H. Storm Water Detention

If on-site storm water detention/treatment facilities are required, include the proposed location of the facilities on the landscape plan. A plan for the long term maintenance of any required storm water facilities will need to be submitted upon approval of the site plan by the Planning Commission, to the Division of Engineering.

2. PLANT MATERIAL

The landscape plan shall consider existing landscape contained within adjacent Right-of-Way and properties. Although the Planning Staff encourages diverse and hardy plantings, a measure of connectivity to current conditions should exist.

A. Plant Material Standards

The Planning Department applies the following **MINIMUM** standards to plant materials and locations:

1. Trees shall be at least three (3) inches in diameter and eight (8) feet high above grade.
2. Shrubs shall be at least twenty-four (24) inches high above grade.
3. All trees that range from three (3) to four (4) inches in diameter shall be protected and supported by tree guards.
4. Trees shall be planted no more than fifty (50) feet apart. Trees may be planted closer to each other.
5. No tree may be planted closer than three and one half (3 ½) feet to the curb or the sidewalk.
6. No tree may be within fifteen (15) feet of a driveway that opens onto a public street due to the potential blocking of sight lines.

B. Prohibited Species

The following species are prohibited within the City of Warren:

1. Silver Maple, *Acer Dasycarpum*
2. Box Elder, *Acer Negundo*
3. Tree of Heaven, *Ailanthus Altissima*
4. European Barberry, *Berberis Vulgaris*
5. Northern Catalpa, *Catalpa Speciosa*
6. Eastern Red Cedar, *Juniperus Virginiana*
7. Amur Maple, *Acer Ginnala*
8. Norway Maple, *Acer Platanoides*
9. Black Alder, *Ailanthus Altissima*
10. Porcelain-Berry, *Alnus Glutinosa*
11. Japanese Angelica Tree, *Aralia Elata*
12. Japanese Barberry, *Berberis Thunbergii*
13. Oriental Bittersweet, *Celastrus Orbiculatus*
14. Russian-Olive, *Elaeagnus Angustifolia*
15. Autumn-Olive, *Elaeagnus Umbellata*
16. Glossy Buckthorn, *Frangula Alnus*
17. Baby's Breath, *Gypsophila Paniculata*
18. English Ivy, *Hedera Helix*
19. Dame's Rocket, *Hesperis Matronalis*
20. Yellow Flag, *Iris Pseudacorus*
21. Common Privet, *Ligustrum Vulgare*
22. Birdfoot Trefoil, *Lotus Corniculatus*
23. Purple Loosestrife, *Lythrum Salicaria*
24. White Mulberry, *Morus Alba*
25. Amur Corktree, *Phellodendron Amurense*
26. Eurasian Honeysuckles, *Lonicera* ssp. (e.g. *Japonica*; *L X Bella*; *L Maackii*; *L. Morrowii* *L. Tatarica*)
27. Common Mulberry, *Morus Alba*
28. Poplar, *Populus*
29. Willow, *Salix*
30. American Elm, *Ulmus Americana*
31. Chinese Elm, *Ulmus Parvifolia*
32. All Ash Species
33. Black Pine, *Pinus Nigra*
34. Kadzu, *Pueraria Lobata*
35. Callery Pear, *Pyrus Calleryana*
36. Common Buckthorn, *Rhamnus Cathartica*
37. Black Jetbead, *Rhodotypos Scanderns*
38. Multiflora Rose, *Rosa Multiflora*
39. Crown-Vetch, *Securigera Varia*
40. Chinese Elm, *Ulmus Parvifolia*
41. Siberian Elm, *Ulmus Pumila*
42. Black Locust, *Robinia Pseudoacacia*
43. Sweetautumn Clematis, *Clematis Terniflora*
44. Wintercreeper Euonymus, *Euonymus Fortunei*
45. Winged Wahoo, Burning Bush, *Eunymus Alatus*
46. Japanese Silver, Maiden Grass, *Miscanthus Sinesis*
47. Moneywort Creeping Jenny, *Lysimachia Nummularia*
48. Reed Canary Grass, Ribbon Grass, *Phalarus Arundinacea*
49. Japanese & Giant Knotweed, *Polygonum Cuspidatum* & *P. Sachalinense*
50. Yellow-Groove ("Running") Bamboo, *Phyllostachys Aureosulcata*

Other species may be prohibited. Locate them at: green.macombgov.org/GreenPlantingGuidance

C. Recommended Species in the City of Warren

Choosing proper plant materials can save considerable expense over the life of a project. Desirable materials should be easy to maintain and withstand the varying climate of southeastern Michigan. The Planning Staff recommends the following varieties for use within the City of Warren:

<p>Deciduous Shade Trees</p> <ul style="list-style-type: none">a) Red Maple, <i>Acer Rubrum</i>b) Hackberry, <i>Celtis Occidentalis</i>c) English Oak, <i>Quercus Robur</i>d) Little Leaf Linden, <i>Tilia Cordata</i>e) Thornless Honey Locust, <i>Gleditsia Triacanthos Var. Inermis</i>f) Sweet Gum, <i>Liquidambar Sstyracifua</i>g) White Oak, <i>Quercus Alba</i>h) Pin Oak, <i>Quercus Palustri</i> <p>Deciduous Ornamental Trees</p> <ul style="list-style-type: none">a) American Yellowwood, <i>Cladrastis Kentukea</i>b) Ginkgo, <i>Ginkgo Biloba</i>c) Eastern Redbud, <i>Cercis Canadensis</i>d) Crab Apple, <i>Malus</i>e) Flowering Cherry, <i>Prunus</i>	<p>Deciduous Shrubbery</p> <ul style="list-style-type: none">a) Dogwood, <i>Cornus Species</i>b) Dwarf Burning Bush, <i>Euonymus Alata Var. Compacta</i>c) Potentillia, <i>Potentillia Species</i>d) Spirea, <i>Spirea Species</i>e) Viburnum, <i>Viburnum Species</i>f) Weigela, <i>Weigela Species</i> <p>Evergreen Trees</p> <ul style="list-style-type: none">a) Norway Spruce, <i>Picea Abies</i>b) White Spruce, <i>Picea Glauca</i>c) Austrian Pine, <i>Pinus Nigra</i>d) Scotch Pine, <i>Pinus Sylvestris</i>e) Douglas Fir, <i>Pseudotsuga Menziesii</i> <p>Evergreen Shrubbery</p> <ul style="list-style-type: none">a) Yew, <i>Taxus Species</i>b) Arborvitae, <i>Thuja Species</i>c) Hemlock, <i>Ysuga Species</i>
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Other species may be considered and located at the Green Macomb website:

Green.macombgov.org/GreenPlantingGuidance