



# Site Plan Checklist

(2-05-10 Version)

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## **Cover Sheet Requirements** (Separate Sheet)

**Note:** Provide only the following on this sheet:

- Name of project
- Name of the City of Auburn Hills, Michigan
- Location Map
- Proprietor's name and address  
(Include contact person, phone, and fax)
- Engineer's name and address  
(Include contact person, phone, and fax)
- Architect's name and address  
(Include contact person, phone, and fax)
- Landscape Architect's name and address  
(Include contact person, phone, and fax)
- Table identifying sheets of site plan  
(e.g., SP-1 / Tree Survey, SP-2, etc.)
- Professional seal
- Provide brief description of the company and scope of project designed for City use in press release.  
(Should be no longer than three (3) paragraphs in length.)

### **NOTE:**

#### **Is the site plan in the required sheet order?**

1. Cover Sheet
2. Tree Survey/Existing Conditions Sheet(s)
3. Dimensional Site Plan
4. Engineering Site Plan(s)
5. Landscape Plan
6. Floor Plan(s)
7. Elevation Plan
8. Miscellaneous Sheets

Yes or No

*Note: Site plans will not appear before the Planning Commission unless in proper order.*

## **Tree Survey/Existing Conditions Requirements** (Separate Sheet)

- Wetlands, drainage courses, and flood areas per Ordinance No. 482
- Indicate existing vegetation per Woodlands Preservation Ordinance No. 763 (e.g., tree survey ... list of trees/create separate table for landmark trees)
- Existing structures, drives, or roads on parcel(s)
- Existing topography
- Show the following existing site features: (water main, sanitary sewer, storm sewer, ditches, culverts public easements, private utilities, private easements, and power poles).



## **Dimensional Site Plan Requirements:**

**(Separate Sheet from Engineering Plan) .... Do not show topography and utilities on this sheet**

- Proprietor's name and address (*Include contact person, phone, and fax*)
- Name of the City of Auburn Hills, Michigan
- Date, including revisions
- Title block
- Northpoint and scale (*Label scale and show scale graphically*)
- Legal Description
- Location Map
- Professional seal
- Correct sidwell identification number(s) ... Check number with City Assessor at 248-364-9436.**  
(*Place sidwell number(s) in lower right-hand side of plan ... call it "part of" if part of a larger parcel under land division review*)
- Provide note: Not for Construction Drawings (*Place note in bold in lower right-hand side of plan above the sidwell number*)
- Site acreage figures (*Provide gross and net*)
- Label property line dimensions
- Label actual front, side, and rear setback dimensions of building (do not show dimensions of required setbacks). Provide table on plan showing **required and provided** setbacks.
- Label zoning classifications of adjacent parcels
- Show adjacent lot lines and buildings within 100 ft.
- Show ingress/egress (e.g., curb cuts) to all properties on the opposite side of the street
- Show proposed acceleration, deceleration, and passing lanes
- Label tie to major thoroughfare or section corner
- Label centerline of public or private roads
- Label existing and proposed R.O.W. lines
- Provide table showing total building floor area and usable building floor area
- Provide total square footage for pavement/impervious surface on site. - NEW**
- Provide table showing **required and provided** parking calculations based on usable floor area .... include **required and provided** handicapped spaces (*If parking standard uses employees, show which standard is greater*)
- Label sample off-street parking space dimension, handicapped parking space dimension ... Both regular handicapped (8 ft. wide with 5 ft. stripe) and van accessible (8 ft. wide and 8 ft. stripe). (*Label van accessible handicapped spaces with "VAN" The van space is on the left hand side of the 8 ft. stripe.*)
- Label **all** drive dimensions
- Show loading/unloading area on plan and provide **required and provided** calculation (*Shade gray to define the area / Calculate by using building length along the longest road frontage ... Section 1701, Item p and 1806. ... Do not block drives or parking spaces with loading/unloading area*)
- Label greenbelts paralleling R.O.W. and adjacent property lines

## **Dimensional Site Plan Requirements (Continued):**

- Label internal sidewalks (7 ft. adjacent to buildings)
- Show and label width of 8 ft. pathway paralleling R.O.W. (Shade the pathway gray so it can be easily located on the plan)
- Show trash receptacle location, pad size, and method of screening per Section 1825 (Must be located 15 ft. away from building and adjacent property lines / Provide detail showing 6 ft. high masonry screen wall and wood gates. Do not forget to provide the "man door").
- Show sign locations and calculations
- Show 25 ft. wetland setback
- Provide locations and notes for all traffic control signs required for the site on this sheet.** Use Michigan Manual of Uniform Traffic Control Devices ... (e.g., stop signs, do not enter signs, one-way signs, right turn only signs, no left turn signs, etc.).
- Provide the following **"GENERAL NOTES"** - *verbatim* - **do not place "FIRE DEPARTMENT NOTES" on this sheet. - if you have other relevant notes place them in a separate area and call them "ADDITIONAL NOTES":**
  1. All lighting shall be shielded and directed downward and away from adjacent properties. Lighting shall meet the requirements of Zoning Ordinance No. 372.
  2. Signs shall meet the requirements of Zoning Ordinance No. 372.
  3. No outside storage will be allowed, which includes pallet storage, overnight vehicles, or trailer storage.
  4. Ground mounted transformers and roof mounted mechanical equipment shall be screened per Zoning Ordinance No. 372.
  5. Parking spaces shall be double stripped per Zoning Ordinance No. 372.
  6. Provide indication whether or not an Environmental Impact Statement is required as Note #6 under "general notes." (Required for sites which are 20 acres or greater)
  7. Provide indication whether or not a Land Division or Combination is required as Note #7 under "general notes."
  8. Provide indication whether or not Special Land Use permit application(s) are required as Note #8 under "general notes." (*List all Special Land Use permits requested and the relevant Sections of the Zoning Ordinance No. 372*)

## **Engineering Plan Requirements:** (Create Separate Sheet from General Site Plan)

***DO NOT FORGET TO PLACE FIRE DEPT. NOTES AND STANDARD NOTES ON THIS SHEET !!!!***

### **General Information**

- Basic information required for the General Site Plan ... Do **NOT** provide **"GENERAL NOTES"** on this sheet
- Provide required **"CITY OF AUBURN HILLS STANDARD NOTES"** and **"FIRE DEPARTMENT NOTES"**...*Verbatim* ... see attached
- Show the following existing site features: (water main, sanitary sewer, storm sewer, ditches, culverts public easements, private utilities, private easements, and power poles).
- Provide a minimum of 10' horizontal separation between all proposed and existing utilities.
- Show all existing above ground flammable and combustible liquid storage tanks (to remain and any new tanks proposed).
- Show the limits of wetland areas and quantify any impacts.

## **Engineering Plan Requirements (Continued):**

### **Water Main**

- Label the size of all existing and proposed water main. The minimum size of mainline water main shall be 8". Water main shall extend across property frontage to service neighboring properties. If viable and/or practical, water main shall be looped.
- Label the existing and proposed minimum 12' wide public water main easement. All public water main shall be centered within the easement.
- Provide a hydrant and gate valve and well at the end of all dead end water main. The maximum dead end lengths are as follows:
  - 75' for 6" fire hydrant lead
  - 450' for 8" water main
  - 1,000' for 12" water main
- Show the location of the proposed domestic and fire protection (if required) services and valves. The valves shall be contained within the public water main easement. Domestic and fire protection services shall be allowed on 8" to 16" water main only.
- Show the location of all proposed fire hydrants. Hydrants shall be positioned so that any exterior point of the building is within 300' of a hydrant or at a maximum spacing of 500' within a residential development. Contact John Burmeister of the Fire Department at (248) 364-6755 to set up a meeting to confirm proper fire hydrant spacing.
- Provide a note indicating that cover over existing and proposed water main must be maintained at 5.5'.

### **Sanitary Sewer**

- Label the size of all existing and proposed mainline sanitary sewer. The minimum size of mainline sanitary sewer shall be 10". Sanitary sewer shall extend across property frontage to service neighboring properties.
- Label the existing and proposed minimum 20' wide public sanitary sewer easement. All public sanitary sewer shall be centered within the easement. Wider easements will be required for deeper sewer to maintain a 1:1 excavated side slope within the easement.
- Label the size, type and slope of the proposed sanitary sewer lead. The minimum requirements are as follows:
  - 6" diameter
  - SDR 23.5
  - 1% slope
- Provide a note indicating that cover over existing and proposed sanitary sewer must be a minimum of 4'.

### **Storm Sewer**

- Label all existing and proposed storm sewer.
- Provide a note indicating that cover over existing and proposed storm sewer must be a minimum of 2.5'.
- Provide calculations showing the capacity of the existing storm sewer system if a connection is proposed.
- Indicate the ultimate storm sewer outlet (County Drain, Galloway Creek, Clinton River, etc.) The storm sewer outlet shall be in accordance with the City of Auburn Hills Master Storm Drain Plan.

## **Engineering Plan Requirements (Continued):**

### **Detention/Retention**

- Show the location and side slopes of the proposed detention basin. Side slope shall not exceed 1:3 and all slopes exceeding 1:6 shall be fenced. A 1' freeboard area must be provided and indicated at top of bank of the detention basin. If a fence is necessary, it is recommended to be constructed of a black wrought-iron look material.
- Provide calculations for the sizing of the detention basin or inline storm sewer used as detention. All systems must be sized for a 100-year storm event, according to the Oakland County Simplification Method. The calculations should include the C-factor for the site, Discharge rate representative of the drainage district that the site is located, and the volume of storage required and provided for the site.
- If connecting to an existing detention basin, provide calculations showing the total volume of the existing basin, the C-factor used to size the existing basin, the amount of storage volume dedicated for the site and the amount of storage volume required for the site.
- Indicate the storm water overflow route.

### **Paving**

- Provide pavement cross sections for on-site, public right of way, loading zone, pedestrian pathway, and sidewalk paving. The minimum pavement cross sections required are as follows:
  - Residential/Multi-Family – 3" asphalt on 8" 21 AA limestone aggregate base or 7" concrete on 6" 21 AA limestone aggregate base.
  - Commercial/Light Industrial – 4" asphalt on 8" 21 AA limestone aggregate base or 8" concrete on 6" 21 AA limestone aggregate base.
  - Industrial – 9" asphalt on 8" 21 AA limestone aggregate base or 9" concrete on 8" 21 AA limestone aggregate base.
  - Loading zone/dumpster pad – 8" concrete on 6" 21 AA limestone aggregate base
  - Pedestrian pathway (8' wide) – 3" asphalt on 4" 21 AA limestone aggregate base
  - Sidewalk (5' wide) – 4" concrete on 4" Class II sand
- Label drive entrance radii. The minimum radius should be 35'.
- Provide curb and gutter for the entire perimeter of paved area and include a cross sectional detail.

### **Site Grading**

- Provide existing grades on site and a minimum of 100' beyond property lines or as necessary to determine impact on drainage.
- Provide proposed spot elevations and/or contours. Elevations shall be provided at, though not limited to, the following:
  - Top of curb and/or edge of pavement
  - Edge of walk
  - Top and bottom of wall
  - Property corners
  - Finished floor
  - Storm structures
  - Detention basin high water
- Provide proposed spot elevations Pavement slopes must be between 1% and 4% for parking areas and 1% and 6% for drives. Slopes to adjacent properties shall not exceed 1:4.
- Show the location and indicate the type of all existing and proposed retaining walls and provide a cross sectional detail.

## **Basic Landscape Plan Requirements:**

(Separate Sheet)

- Basic information required on Dimensional Site Plan ... **Do NOT provide "GENERAL NOTES" or "FIRE DEPARTMENT NOTES" on this sheet.**
- Show utilities and proposed topography
- Provide the following in **TABLE FORMAT** showing landscape calculations per Section 1808 in the following order: ... **show table on site plan as follows**

Total Site Area		Show actual acreage Example: 4.30 ac – gross 4.25 ac - net
<b>Requirement</b>	<b>Required</b>	<b>Provided</b>
Net Landscape Area	<u>Commentary:</u> Show percent of net area <u>required</u> . (25% of net area in B-1 and 20% of net area in all other applicable districts shall be landscaped, exclusive of R.O.W., subaqueous areas, and retention/detention ponds. 50% of wetlands may be used toward landscaping credit.) <u>Show Calculation:</u> Example: 4.25 ac x .20 = 0.85 ac or 37,026 sq. ft. required	Show percent of net area provided.
Site Area Landscaping	<u>Commentary:</u> Approximate 50/50 mix of evergreen and deciduous trees is for each 1,000 sq. ft. of required landscape area <u>Show Calculation:</u> Example: 37,026 sq. ft. /1,000 = 37 trees	Show actual provided
Frontage Landscaping	<u>Commentary:</u> 1 tree for every 30 lineal ft. of greenbelt length along public or private roads. <u>Show Calculation:</u> Example: Squirrel Rd. - 150 ft. /30 = 5 trees Auburn Rd. - 300 ft. /30 = 10 trees	Show actual provided
Parking Interior Landscaping	<u>Commentary:</u> 1 tree for every 20 spaces in a row in parking interior island. Use only deciduous trees. This provision does <u>not</u> apply to parking adjacent to greenbelts or buildings, only in parking areas that are between drives that exceed 20 spaces (e.g., in the middle of a parking lot). If this standard does not apply ... write "N/A" under this part of the table <u>Show Calculation:</u> Example: 3 islands = 3 trees	Show actual provided
Total Landscape Trees	Show total required	Show total provided
Total Replacement Trees	Show total required	Show total provided

## Basic Landscape Plan Requirements (Continued):

- Provide a **SEPARATE** table showing quantity, key, botanical name, common name, size, species percentage, and genus percentage for all trees. Show total number of trees at end of table.
- Provide a **SEPARATE** table shrubs showing quantity, key, botanical name, common name, size. Show total number of shrubs at end of table.

### PLANT MATERIAL LIST:

#### LANDSCAPE TREES

DIVERSITY REQUIREMENTS:  
One genus to constitute 20% of the Trees (90 Trees x 0.20 = 18 Trees)  
One species to constitute 10% of the Trees (90 Trees x 0.10 = 9 Trees)

QTY	KEY	BOTANICAL NAME/COMMON NAME	SIZE/ROOT	PERCENTAGE	
				SPECIES	GENUS
8	GS	OMKGO BILOBA 'SARATOGA' (SARATOGA MADENHAR TREE)	3" CAL. B&B	8%	8%
8	TC	TILIA CORDATA 'CHANCELLOR' (CHANCELLOR LINDEN)	3" CAL. B&B	8%	15%
7	TG	TILIA CORDATA 'GREENSPIRE' (GREENSPIRE LINDEN)	3" CAL. B&B	7%	
8	AR	ACER RUBRUM 'OCTOBER GLORY'(OCTOBER GLORY RED MAPLE)	3" CAL. B&B	8%	13%
5	AF	ACER RUBRUM 'ARMSTRONGS' (ARMSTRONG MAPLE)	3" CAL. B&B	5%	
8	PL	PLATANUS ACERIFOLIA(LONDON PLANETREE)	3" CAL. B&B	8%	8%
8	GT	GLEDTISIA TRIANG. INERMIS 'SKYLINE' (SKYLINE HONEYLOCUST)	3" CAL. B&B	8%	14%
8	GI	GLEDTISIA TRIANG. INERMIS 'IMPCOLE' (IMPERIAL HONEYLOCUST)	3" CAL. B&B	8%	
6	PN	PINUS NIGRA (AUSTRIAN PINE)	8" HT.,B&B	6%	10%
4	PS	PINUS STROBUS (WHITE PINE)	8" HT.,B&B	4%	
6	PG	PICEA GLAUCA 'DENSATA'(BLACKHILLS SPRUCE)	8" HT.,B&B	6%	9%
3	PP	PICEA PUNGENS (COLORADO SPRUCE)	8" HT.,B&B	3%	
6	AB	ABIES CONCOLOR (WHITE FIR)	8" HT.,B&B	6%	13%
7	AS	ABIES BALSAMEA (BALSAM FIR)	8" HT.,B&B	7%	
<b>90</b>	<b>TOTAL</b>				

### PLANT MATERIAL LIST:

#### SHRUBS/PERENNIAL:

QTY	KEY	BOTANICAL NAME/COMMON NAME	SIZE/ROOT
14	TD	TAXUS MEDIA DENSIFORMIS (DENSE YEW)	24" HT., CONT.
25	TH	TAXUS MEDIA 'HICKSII' ( HICKS YEW)	30" HT., CONT.
14	SB	SPINEX I BIANCA 'WINDY BREEZE'   WINDY WATER SPIRO	24" HT., CONT.
29	JH	JUNIPERUS H. PL. 'YOUNGSTOWN'   ANCOXIA JUNPER	18" SPD., CONT.
10	EA	ELIONYMUS ALATA 'COMPACTA' (DWARF BURNING BUSH)	24" HT., CONT.
38	PF	POTENTILLA FRUT. 'PINK BEAUTY'(PINK BEAUTY POTENTILLA)	18" HT., CONT.
78	PA	PONSETTIA ALPHE. 'NAMELIX'   DWARF FOUNTAIN GRASS	NO. 2 CONT., 2' D.C.
245	RO	RUDGEDIA FUL. 'SOLISTURN' (BLACK EYED SUSAN)	NO. 2 CONT., 18" D.C.
50	HS	HEMEROCALLIS 'STELLA D'ORO' ( STELLA D'ORO DAYLILY)	NO. 2 CONT., 18" D.C.
170	HB	HELICTOTRICHON SEMPERVIRENS BLUE OAT GRASS	NO. 2 CONT., 18" D.C.

- Provide basic tree planting details.
- Utility lines are shown and trees should not conflict.
- If this site plan is part of an original City tree removal permit approval (e.g., mass grading, site condominium, subdivision, etc.) show how the trees are being placed back on the site in terms of the overall development. Show the accounting of how other projects linked to the previous approval have placed trees back onto the site (e.g., *Hypothetically ....1000 replacement trees are required to placed back on a site due to mass grading ... Building A was constructed and put in 250 replacement trees, Building B put in 100 replacement trees, Building C put in 150 replacement trees .... your project would plant 200 replacement trees ... thus, 300 replacement trees would still need to be planted on site.*)
- Show replacement tree calculation for "landmark trees" removed ...protected trees greater than 24" DBH

### **Basic Floor Plan Requirements:**

**(Separate Sheet)**

- Show gross and usable square feet for each floor and a total of all floors
  - Provide plan for each floor
  - Provide a Minimum Building Code Compliance Chart per Jeff Spencer, Building Official (248-364-6940)
    - Use group classifications
    - Gross sq. ft. for all floors and number of stories including lower levels or basements
    - Construction type classification
    - Is the structure sprinkled and is it a N.F.P.A 13 system, 13R system, or 13D system
    - What mixed use options are being used for the design of the structure?
- 

### **Basic Elevation Plan Requirements:**

**(Separate Sheet)**

- Review the City's Architectural Design Policy.**
- Review the City's Green Building Policy.**
- Show north, south, east, and west elevations.
- Label the height of the building for each elevation. **Measure height to top of parapet.**
- Label the height of each floor of the building for each elevation.
- Show method of screening for rooftop mechanical equipment on elevation plan.
- Show sign locations and calculations.
- Attach a letter or legal size colored copy of the facade design with submittal.**
- Provide the following note: **“Any modifications to the facade plan (including color) must be resubmitted to the City of Auburn Hills for revised approval. The use of neon, flags, or any other type of unapproved signage shall be prohibited per site plan review.**





## **CITY OF AUBURN HILLS STANDARD NOTES**

CONSTRUCTION SHALL CONFORM TO CURRENT CITY OF AUBURN HILLS' STANDARDS.

NO WORK SHALL BE PERFORMED WITHOUT INSPECTION.

A PERMIT FROM THE DPW IS REQUIRED FOR ALL CONSTRUCTION WITHIN CITY ROW. NO EQUIPMENT OR MATERIAL STORAGE WILL BE PERMITTED IN THE ROW.

ALL CITY STREETS MUST BE MAINTAINED DURING CONSTRUCTION. STREETS SHALL BE KEPT FREE OF MUD, DIRT, CONSTRUCTION DEBRIS, DUST AND THE LIKE. IF CLEAN-UP IS NOT PERFORMED WITHIN 24 HOURS OF NOTIFICATION, THE CITY RESERVES THE RIGHT TO PERFORM THE WORK AND CHARGE THE DEVELOPER ACCORDINGLY.

WORKING HOURS (INCLUDING RUNNING OF ANY MACHINERY) SHALL BE RESTRICTED TO MONDAY THROUGH SATURDAY, 7:00 AM TO 7:00 PM; SUNUP TO SUNDOWN; WHICHEVER IS LESS. CONSTRUCTION OPERATIONS BEYOND THE PERIODS MENTIONED ABOVE SHALL BE PERMITTED ONLY AFTER WRITTEN APPROVAL OF THE CITY MANAGER OR HIS DESIGNEE.

ALL MATERIALS AND MANUFACTURERS SHALL CONFORM TO THE STANDARD DETAILS.

UTILITY STRUCTURES SHALL NOT BE LOCATED IN DRIVEWAYS, AND WHERE POSSIBLE, SHALL NOT BE LOCATED IN PAVED AREAS.

THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH ACT 53 OF P.A. OF 1974 AND ALSO CONTACT OAKLAND COUNTY UTILITY AND PROTECTION SERVICE (MISS DIG 1-800-482-7171) THREE (3) WORKING DAYS BEFORE THE START OF ANY CONSTRUCTION.

THE CONTRACTOR SHALL PROVIDE NECESSARY SIGNS, BARRICADES AND LIGHTS TO PROTECT TRAFFIC AND THE WORK AS DIRECTED BY THE ENGINEER. SUCH DEVICES SHALL BE PLACED PRIOR TO STARTING WORK IN AFFECTED AREAS.

ALL SOIL EROSION AND SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE OAKLAND COUNTY STANDARDS AND DETAILS. THE CONTRACTOR SHALL FOLLOW LOCAL RULES AND REGULATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL FOR ALL MATERIALS THAT ARE DISPOSED OFF OF THE PROJECT SITE.

ALL SOIL EROSION MEASURES MUST BE PROPERLY PLACED PRIOR TO GRADING OR OTHER CONSTRUCTION ACTIVITIES.

FIELD CHANGES TO THE APPROVED PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE INSPECTOR ON SITE, WHO WILL DETERMINE WHETHER THE CHANGE IS CONSIDERED "SIGNIFICANT". "SIGNIFICANT" FIELD CHANGES SHALL BE SUBMITTED TO THE CITY BY THE DESIGN ENGINEER. THE CITY SHALL NOT BE HELD RESPONSIBLE FOR DELAYS IN APPROVAL OF CHANGES TO THE APPROVED SITE IMPROVEMENT (ENGINEERING) PLAN.

WHERE POSSIBLE, PUBLIC UTILITIES SHALL NOT BE PLACED UNDER PAVEMENT. THE CITY OF AUBURN HILLS SHALL NOT BE RESPONSIBLE FOR PAVEMENT, CURB, OR OTHER RESTORATION OF PERMANENT FACILITIES LOCATED WITHIN THE MUNICIPAL EASEMENT.

3 WORKING DAYS PRIOR TO STARTING CONSTRUCTION, CONTACT THE CONSTRUCTION DEPARTMENT OF ORCHARD, HILTZ & McCLIMENT, INC. AT (734) 466-4539 TO SCHEDULE INSPECTION. OHM SHALL INSPECT ALL SITE IMPROVEMENTS INCLUDING UNDERGROUND UTILITY INSTALLATION, EARTHWORK OPERATIONS, RETAINING WALLS, PAVEMENT IN CITY R.O.W., ALL SIDEWALKS OR SAFETY PATHS IN ANY PUBLIC R.O.W., AND ANY ADDITIONAL ITEMS NOTED DURING REVIEW OR AT THE PRE-CONSTRUCTION MEETING. FINAL OCCUPANCY MAY BE AFFECTED IF PROCEDURES ARE NOT FOLLOWED FOR PROPER INSPECTION.

PERMANENT STRUCTURES OF ANY TYPE, INCLUDING BUT NOT LIMITED TO, TREES, LIGHT POLES, DRAINAGE STRUCTURES, SANITARY STRUCTURES, BENCHES, TRASH RECEPTACLES, ETC., WILL NOT BE ALLOWED WITHIN THE INFLUENCE OF THE PUBLIC WATER MAIN OR SANITARY SEWER EASEMENTS.

## **Place verbatim on Engineering Plan**

### **FIRE DEPARTMENT NOTES**

1. THE FOUR (4) INCH STEAMER CAPS ON ALL HYDRANTS WILL BE PAINTED ACCORDING TO THE FOLLOWING:

WHITE-ON 4.00 INCH MAINS  
RED-ON 6.00 INCH MAINS  
ORANGE-ON 8.00 INCH MAINS  
GREEN-ON 12.00 INCH MAINS  
BLUE-ON 16.00 INCH OR LARGER MAINS

2. NO PARKING SHALL BE PERMITTED AND/OR NO OBSTRUCTIONS SHALL BE PLACED OR CONSTRUCTED WITHIN FIFTEEN (15) FEET OF ANY FIRE HYDRANT OR FIRE DEPARTMENT CONNECTION, PUBLIC OR PRIVATE.
3. THE FIRE DEPARTMENT CONNECTION MUST BE LOCATED WITHIN ONE HUNDRED (100) FEET OF A FIRE HYDRANT AND WITHIN FIFTY (50) FEET OF A MINIMUM EIGHTEEN (18) FOOT WIDE PAVED DRIVEWAY OR STREET.
4. GAS METERS, PROPANE TANKS, OVERHEAD ELECTRICAL SERVICE, AND TRANSFORMERS MUST NOT BE LOCATED ON THE SAME SIDE OF THE BUILDING OR STRUCTURE AS THE FIRE DEPARTMENT CONNECTION UNLESS A CLEAR DISTANCE OF ONE HUNDRED FIFTY (150) FEET CAN BE MAINTAINED BETWEEN UTILITIES AND THE FIRE DEPARTMENT CONNECTION.
5. ALL DRIVE AREAS MUST BE POSTED AS FIRE LANES WITH UNIFORM SIGNS IN KEEPING WITH THE STANDARD ESTABLISHED IN THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. SIGNS MUST BE ERECTED ON BOTH SIDES OF THE FIRE LANES WITH SPACING BETWEEN SIGNS NOT TO EXCEED ONE HUNDRED (100) FEET.
6. DESIGNATED EXIT DOORS ONTO DRIVES OR PARKING AREAS MUST BE PROTECTED WITH GUARD POSTS OR PARKING BLOCKS.
7. A WHITE HIGH VISIBILITY STRIP SHALL BE PAINTED ON THE UPPER FLANGE OF ALL FIRE HYDRANTS.