URBAN FORESTRY WORKSHEET
for submitting plans

Prior to grading, insure that any required tree protection fencing has been inspected by Urban Forestry personnel. If grading begins before the inspection is made, a revised plan will be required for the project.

Tree protection fencing shall be 4' tall chain-link fencing installed at the drip-line of trees to remain or at a minimum of 10' radius.

Always provide 3 copies of landscape plans that include the completed Tree Density Worksheet. For projects greater than 5,000 square feet, a professional stamp must be included.

DENSITY REQUIREMENTS
Provide plant list with common names, quantities and sizes.
All trees must be minimum 2"caliper **and** appropriate height for the species (6 foot minimum), and meet ANSI Standards for Nursery Stock at time of planting

Include on plans: all proposed and existing overhead utilities, parking lot light locations, detention facilities, utility easements, parking spaces and finished topography. Include an up to date planting detail for trees and shrubs that DOES NOT show tree staking or guying.

If a dumpster is to be used, show location & screening materials. Enclosure must be opaque and of sufficient height to fully screen dumpster.

PERIMETER
Show perimeter landscaping strip around parking areas. Install a minimum of one tree for every 50' of frontage and a continuous row of evergreen shrubs (18" minimum). Strips along 4 travel lanes must be 10' wide, less than 4 lanes are 5' wide.
(see sec. 17.24.150 for variations on this requirement).

INTERIOR
Show interior landscaping for parking areas. This includes one canopy tree for every 15 parking spaces, and a greenspace of 8% for all paved areas.

WATER
Show how all required plantings will be maintained. Choices include an automatic, timed irrigation system or hose attachments no more than 100' from required plantings.

BUFFERS
Show the zoning for the subject parcel and the surrounding parcels.
If a buffer is required (refer to buffer table), 50% of each component must be evergreen species.

TREE DENSITY WORKSHEET
(Ordinance 94-1104)

Date_____

Map_____Parcel_____

Application Number _____ - _____

Project Name_____

Address_____

1. Acreage (area of building site)   _____

2. Minus building coverage area   - _____

3. Equals adjusted acreage   = _____

4. Multiplied by required density units per acre   X   14

5. Equals required tree density units for project   = _____

PROTECTED TREES (existing trees 6" DBH or larger)
DBH (diameter at 4 1/2')   Example: 3 trees 6" DBH x 0.2 = .6 density units

DBH	# OF TREES		VALUE		UNITS	DBH	#OF TREES		VALUE		UNITS
6	_____	X	1.2	=	_____	20	_____	X	4.3	=	_____
8	_____	X	1.4	=	_____	22	_____	X	4.9	=	_____
10	_____	X	1.6	=	_____	24	_____	X	5.7	=	_____
12	_____	X	1.8	=	_____	26	_____	X	6.6	=	_____
14	_____	X	2.1	=	_____	28	_____	X	7.5	=	_____
16	_____	X	2.4	=	_____	30	_____	X	8.4	=	_____
18	_____	X	2.8	=	_____	32	_____	X	9.4	=	_____

DBH	# OF TREES		VALUE		UNITS	DBH	#OF TREES		VALUE		UNITS
34	_____	X	10.5	=	_____	48	_____	X	26.1	=	_____
36	_____	X	11.7	=	_____	50	_____	X	28.3	=	_____
38	_____	X	12.9	=	_____	52	_____	X	30.5	=	_____
40	_____	X	18.4	=	_____	54	_____	X	32.8	=	_____
42	_____	X	20.2	=	_____	56	_____	X	35.2	=	_____
44	_____	X	22.1	=	_____	58	_____	X	37.7	=	_____
46	_____	X	24.1	=	_____	60	_____	X	40.3	=	_____

REPLACEMENT TREE SCHEDULE
UNITS represent Basal Area   CAL represents caliper inches at planting

CAL	# OF TREES		VALUE		UNITS	CAL	#OF TREES		VALUE		UNITS
2	_____	X	0.5	=	_____	5	_____	X	0.9	=	_____
3	_____	X	0.6	=	_____	6	_____	X	1.0	=	_____
4	_____	X	0.7	=	_____	7	_____	X	1.2	=	_____

Density units provided on above schedules.

Total density units for protected trees   _____

Total density units for new trees   +   _____

Total density units provided   =   _____

Note: The total density units provided must equal or exceed the requirements of #5 above.
All protected and replacement trees must be shown on site plan.