

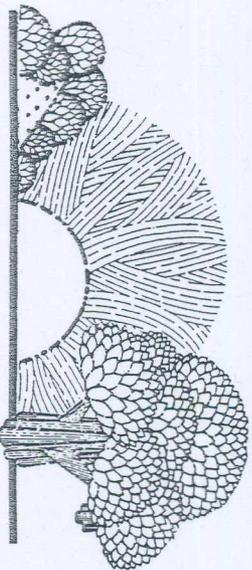
## A TREE FOR YOU . . .

Massachusetts encourages towns to plant trees on private land within 20 ft. of the street in order to "improve, protect, shade and ornament" the public ways. Setting trees back this far from the road protects them from snowplows, fumes and collisions. Any owner of land bordering a street may request a tree from the town. Preference is given to requests from urban areas, buffer areas, and major streets.

After the town plants a tree suited to the soil and exposure and selected for mature height and individual preference, the landowner is expected to care for it. Trees need protection from bark injury caused by lawnmowers, root injury from soil compaction, and overuse of broadleaf weedkillers. A simple way to avoid such problems is to provide a generous island of groundcover or heavy mulch around the base of the tree.

Every two or three years, most trees benefit from a spring application of balanced fertilizer, particularly if they are growing in poor soil or have restricted root space. Occasional *deep* watering during a dry summer is important. Too much fertilizer, fertilizer applied in the wrong season, or frequent shallow sprinkling does more harm than good.

For more advice on proper care of shade trees, call the Town Arborist at the Dept. of Public Works or the U. Mass Suburban Experiment Station in Waltham.



## . . . AND FOR YOUR CHILDREN'S CHILDREN

One of the precious cargoes carried by settlers to the New World were seedling trees from home and orchard. Pioneers carried their trees onward by wagon and flatboat to the West Coast. As transplanted people, they knew the value of roots. It became their custom to plant trees for each new child at each new home.

Wellesley is a gracious town today because our predecessors planted trees years ago. When the stately chestnuts died, the town replanted with elms and sugar maples. Today the town is replanting with species which are more resistant to exhaust, gas, paving and salt.

Trees are an investment which appreciates with age. The ancient olive groves which gave oil for ten generations gave also the language for a good investment—that which bears fruit.

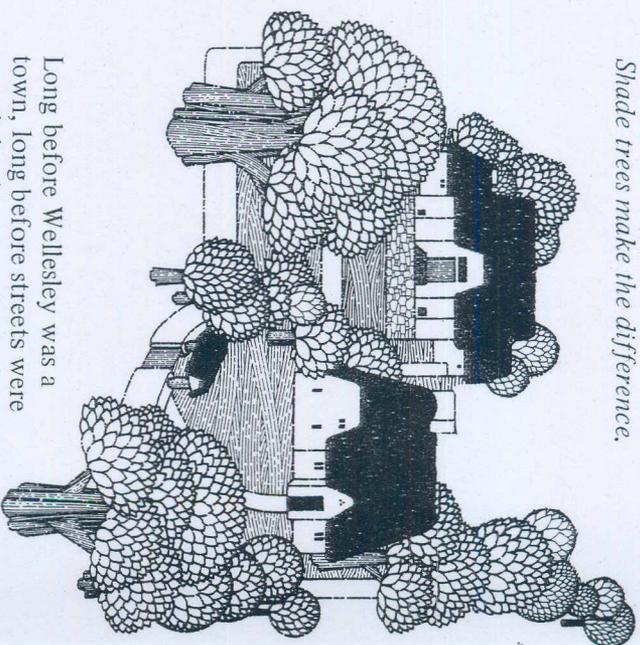
**You too can make an investment in the future by planting a tree near your home. To request a public street tree, please call now:**



Natural Resources Commission  
Wellesley, Massachusetts 02181

## SHADE TREES MAKE THE DIFFERENCE . . .

between living in Wellesley and living in a city. Wellesley is quiet, green and beautiful, uncommon qualities so close to Boston on major highway, railway and rapid transit lines. *Shade trees make the difference.*



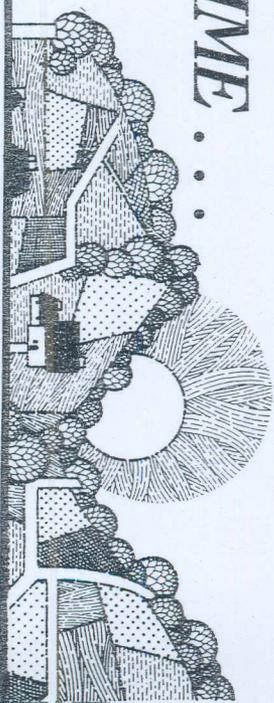
Long before Wellesley was a town, long before streets were paved, landowners planted trees to shade their roads and grace their homes. The town's great benefactor, Horatio H. Hunnewell, was a famed horticulturist whose public legacy includes the Town Hall Park and Arboretum. Wellesley College also emphasized horticulture, and its extensive greenhouses still attract local and national visitors. One of the earliest Town boards was the Park Commission, founded in 1888 to landscape Wellesley's avenues and parks. The Natural Resources Commission now serves as the Park Commission and Tree Warden for Wellesley.

# TREES WORK FOR YOU ALL THE TIME . . .

Don't take trees for granted.

Like all living things, they need tender loving care.

Have you stopped to think how much trees do for you?



## *RY: PEACE AND QUIET . . .*

Trees are excellent sound absorbers. Thick plantings of trees near busy streets reduce the noise of heavy traffic. Because deciduous trees increase blood pressure and induce stress, reducing noise reduces stress. Even better, the sound of rustling leaves promotes relaxation.

## *LIGHT AND SHADOW . . .*

Trees filter and soften bright light. A screen of trees can eliminate annoying glare from streetlights, traffic headlights, or stadium lights. Trees drop their leaves to let in the winter sun and spread a summer's canopy of grateful shade. Even a searing eclipse of the sun becomes harmless images under a tree.

## *BREATH OF LIFE . . .*

Trees clean the air by collecting dust and soot. They warn us when the air is bad by turning brown or dying. They freshen air by soaking up unpleasant fumes and sending out perfumes. They humidify dry air. But more than this, trees breathe in carbon dioxide and breathe out pure oxygen, the breath of life.

## *LIQUID ASSETS . . .*

Trees are designed to catch raindrops. Their slippery leaves or slick needles cascade water to the ground just where their roots need it. In so doing, trees also replenish the groundwater that is tapped by Wellesey's wells and comes out the kitchen faucet.

## *SOFT RAINS . . .*

Tree leaves cushion the hammering of rainstorms. Tree litter and tree roots absorb, slow down, and disperse runoff. This protects against gully formation, washouts, mudflows, and flooding. In great storms, when rivers rise above their banks, it is the tree roots which hold the banks together.

## *WARM WINTERS . . .*

When winter winds howl down from the north, tree buffers can tame them to a breeze. A tall hedge lifts gales 100 yds. to windward and keeps them off the ground 300 yds. downwind. Trees planted twice their mature height away from a house will reduce a 12 mph wind to a 3 mph zephyr. Trees act as snowfences, piling drifts away from the road. Planted between plowed fields, they prevent the topsoil from blowing away. Tender plants will survive New England winters if they are planted in the shelter of trees. Winters are warmer when the wind-chill factor is tamed by trees.

## *LEAF PEPPER'S DELIGHT . . .*

Trees are beautiful. They enhance vistas, inspire tranquility, provide perspective, unify compositions, soften lines, screen ugliness, and separate spaces. Through the seasons trees give changing joys of flowers, fruit, leaves, texture and form. Artists use trees to symbolize beauty, abundance, endurance and rebirth.

## *ENERGETICS . . .*

Trees are solar converters and energy storehouses. By photosynthesis, trees produce food energy and fuel energy. Only a tree can package sunlight, air and water into a crisp red apple, a crunchy walnut, or a juicy peach. And only trees can make the wood to build the fires to bake the pies. But you can make your own miracle by planting the right tree seed. Just add water.

## *NATURAL RESOURCES . . .*

We depend on trees for an incredible number of useful and delightful products. Try making a list of the foods, fibers, oils, syrups, chemicals, medicines, building materials, flavorings, spices and artistic supplies provided by trees. Send your list to the Natural Resources Commission and we will publish the longest.

Take a good look at the next tree you see. Remarkable, isn't it?

