

Bring This Issue Along
When You Come To The Open House

MERRIMACK VALLEY WORKS NEWSLETTER

Vol. 6, No. 4 A Western Electric Publication April, 1973



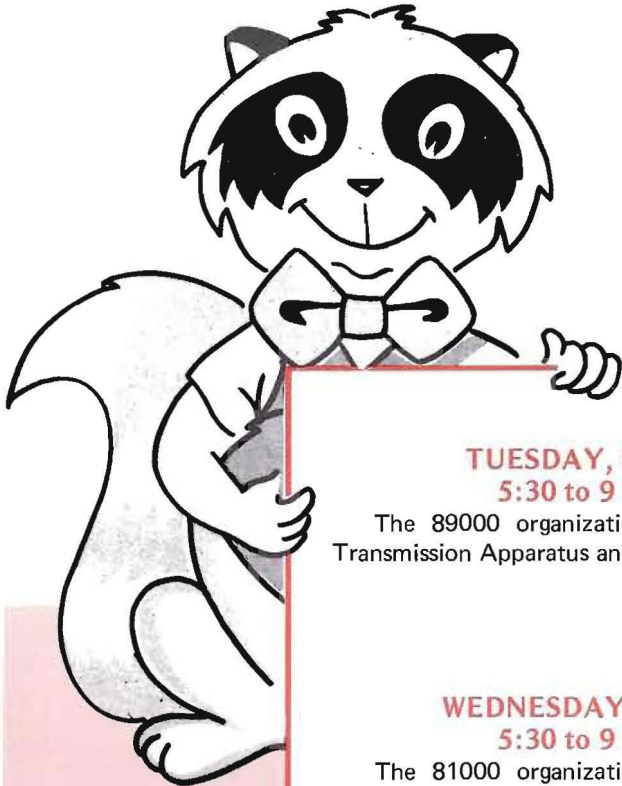
HI, I'M WILLIEBELL.

I want to remind everyone that they're invited to the Open House here at the Merrimack Valley Works next week. Bring your family and friends to show them where you work. Come see W.E. in '73.



Do-It-Yourself Tour Guide Kit

73 OPEN HOUSE may 1, 2, 3, & 5



You can come whenever you like during the Open House hours, but if everyone comes at the same time, it might be too crowded to have fun and see everything. So here is a schedule with certain times "reserved" for different groups. Everyone would appreciate your following this schedule, but no one will mind if you can't.

Also, while you're here, drop by Dave Hilder's office on the third floor and introduce your guests.

TUESDAY, MAY 1
5:30 to 9 P.M.

The 89000 organization, Manufacturing -
Transmission Apparatus and Components.

WEDNESDAY, MAY 2
5:30 to 9 P.M.

The 81000 organization, Manufacturing -
Transmission Equipment
The 03000 or Comptroller's organization
The 14000 organization, Production Man-
agement

THURSDAY, MAY 3
5:30 to 9 P.M.

The 12000 organization, Engineering Ser-
vices.

The 21000 organization, Engineering -
Transmission Products

The 02000 organization, Industrial and
Labor Relations.

The 27000 organization, Engineering -
Components and Facilities.

The 80400 organization, Quality Control
Engineering and Inspection and Test Appraisal
All resident organizations.

SATURDAY, MAY 5
9 A.M. to Noon

Everyone from the second and third shifts

A Family Style Chance To Come See W.E. in '73

When the Works Open House opens Tuesday for four days of "Come See W.E. in '73" there won't be a brass band, television coverage, or an address on the front lawn by a company representative. It's a family style Open House, designed for the people who work here at Merrimack Valley and the guests they choose to bring.

Open House hours on May 1, 2 and 3 are 5:30 to 9 P.M., and on Saturday, May 5, 9 A.M. to noon. During these hours all employees attending the Open House are invited to guide their guests through the Works, giving them the most personal attention possible. To help you guide your friends, the NEWSLETTER has included up-to-date maps of the Works and information on articles to help answer questions your guests may ask.

Some areas of the plant which house special equipment will have employees ready to escort you through safely and answer your questions. A few other areas

have been closed for safety reasons, and are marked on your maps.

Parking space has been reserved for the Open House in the north parking lot, and all guests should enter the Works through gate 4. In addition to normal safety and health procedures, certain other precautions have been taken to insure the welfare of all guests. The Medical Department will have extra per-

sonnel on duty during Open House hours. There also will be no forklift truck traffic in the aisles during this time. Since areas requiring safety glasses will be open to visitors, special goggles will be available in these shops for that part of your tour.

If there is any emergency or problem during the Open House, or if someone needs information or assistance, simply call one of the numbers below.

Emergency and Information Telephone Numbers

For any **MEDICAL** Emergency dial

3440 immediately

for all other emergency calls or requests

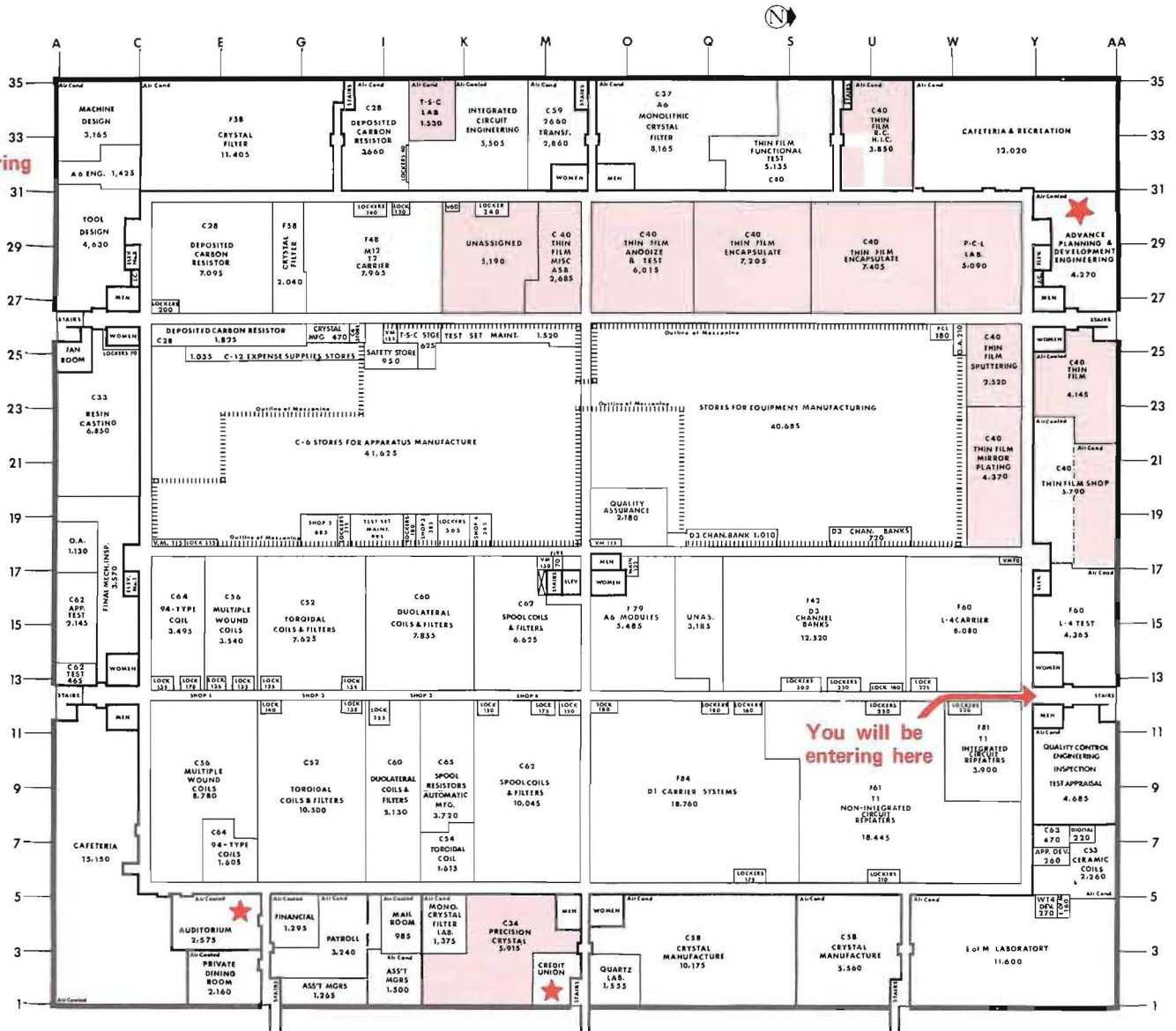
for information, dial extension

3951, 3612, or 4650

Here are some maps to help you show your family and friends all around, and to identify places that you might not be familiar with. The areas shaded in orange are closed during visiting hours for safety reasons. There'll be guides in a few other areas not marked on the maps to help you. Remember, the plant is open for you. Don't be afraid to look around.



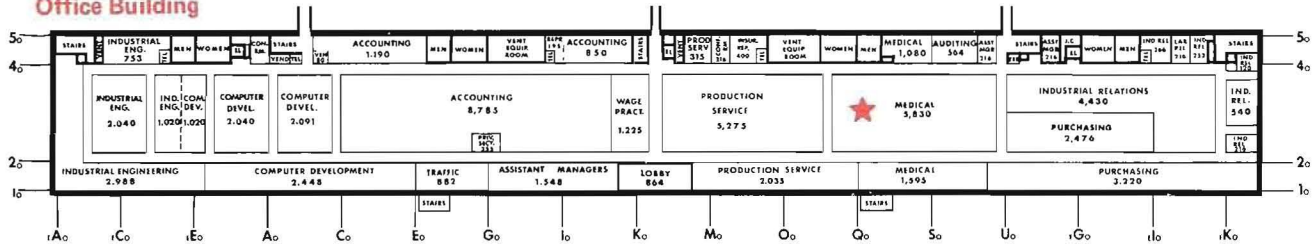
Second Floor Manufacturing Building



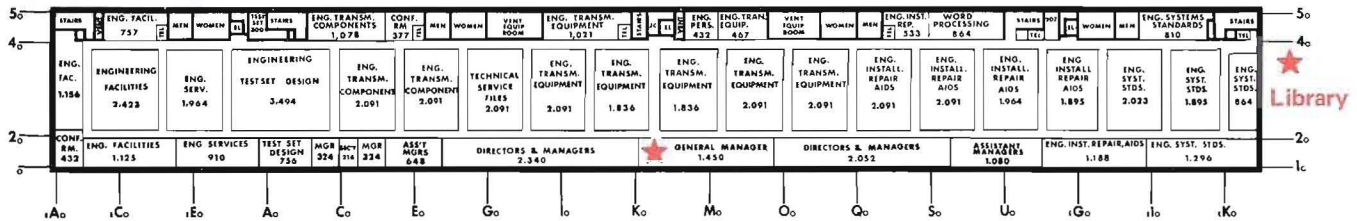
Points of interest for your visit are marked on these maps with a star

- ★ Don't Miss The displays set up by the Lawrence Plant, at the main aisle intersection on the first floor, Manufacturing Building
- ★ The Merrimack Valley Federal Credit Union, where over 9,000 members maintain assets of over \$15 million
- ★ General Manager Dave Hilder's office
- ★ The training rooms, where you can see yourself on TV
- ★ The Pioneer Lounge
- ★ The auditorium, featuring a collection of WE displays and exhibits
- ★ The Medical Department, with the emergency operating room, X-ray facilities, and clinics which saw over 16,000 visits last year
- ★ The Industrial Engineering Laboratories, featuring a complete television studio and advance planning and research areas
- ★ The Technical Library on the third floor of the Bell Labs Building

**Second Floor
Office Building**



**Third Floor
Office Building**



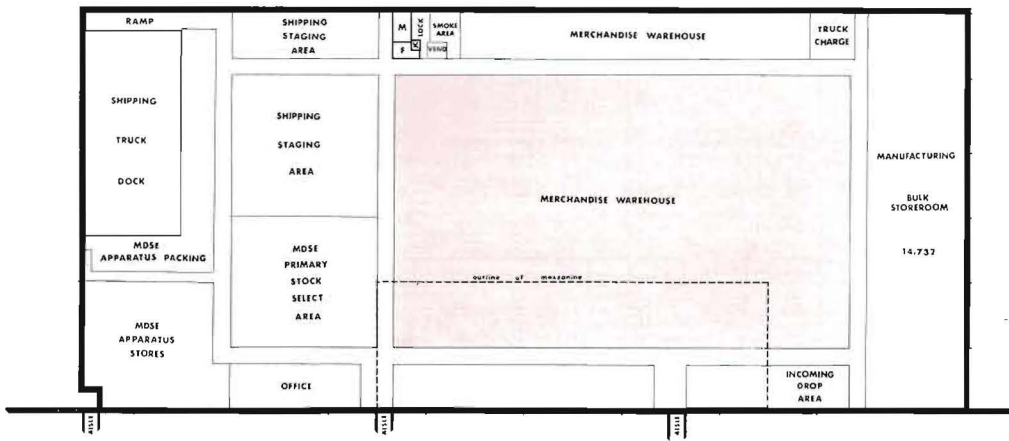
DID YOU KNOW??? *triv-i-a* - insignificant or unessential matters but fun to know

The front of the Merrimack Valley Works office building measures nearly a fifth of a mile (1,040 feet).
 There are 71 rest rooms and 102 water coolers here at the Works.
 MVW has 3,800 telephones.
 There are 8,500 wastebaskets to empty each day.

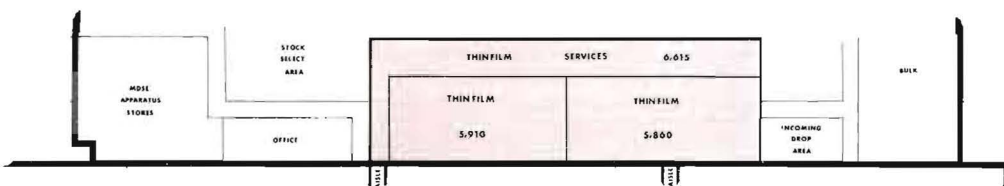
Every night over 20,000 square feet of floorspace are cleaned and waxed, the equivalent of over four regulation basketball courts.

The people here use 16,380,000 paper towels each year, or 2,700 miles of paper end to end.

1st. FLOOR, MDSE. BLDG. 70

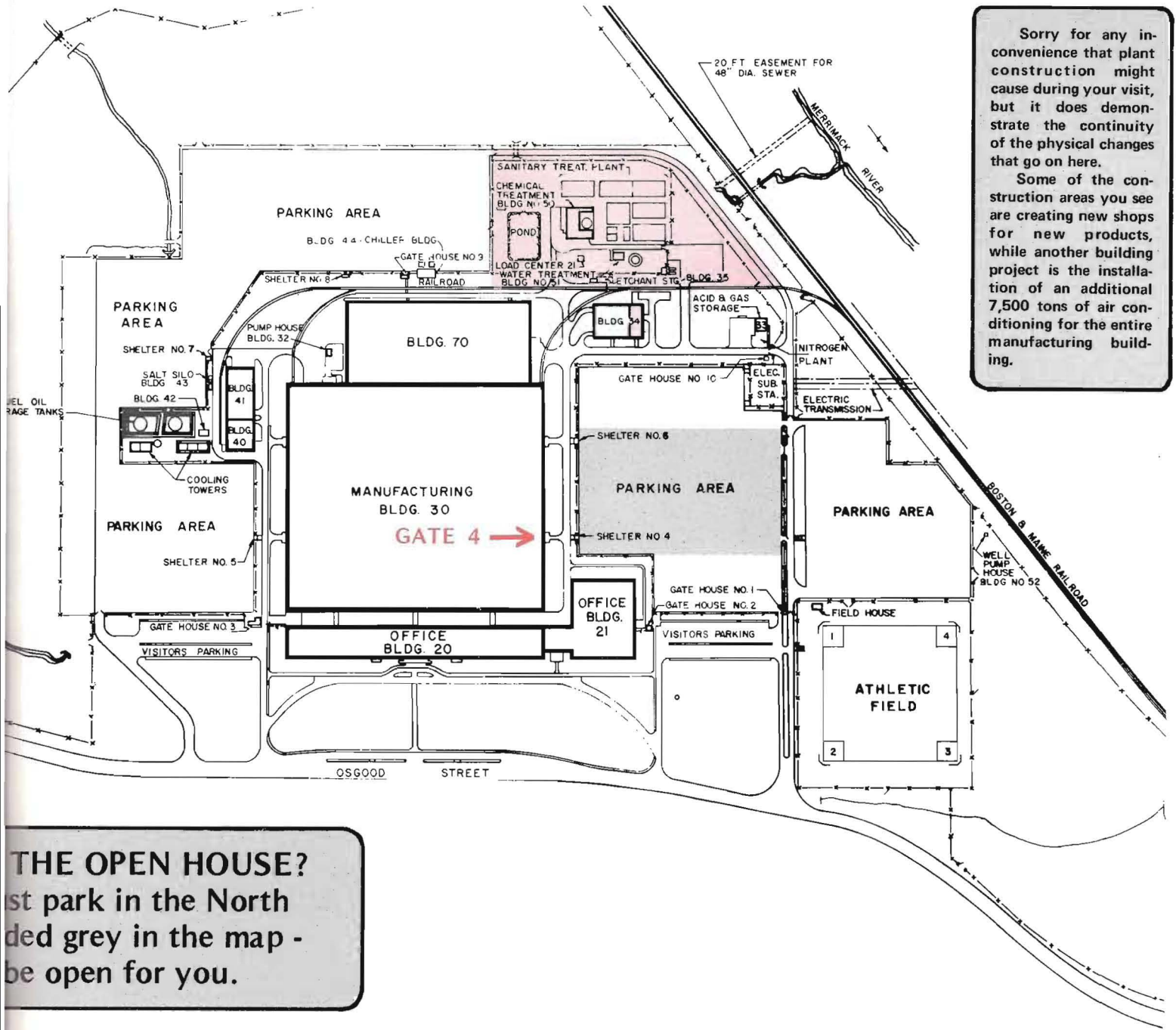


MEZZANINE BLDG. 70



PARKING FOR
 No problem - j
 Parking lot - sha
 Gate 4 will





Sorry for any inconvenience that plant construction might cause during your visit, but it does demonstrate the continuity of the physical changes that go on here.

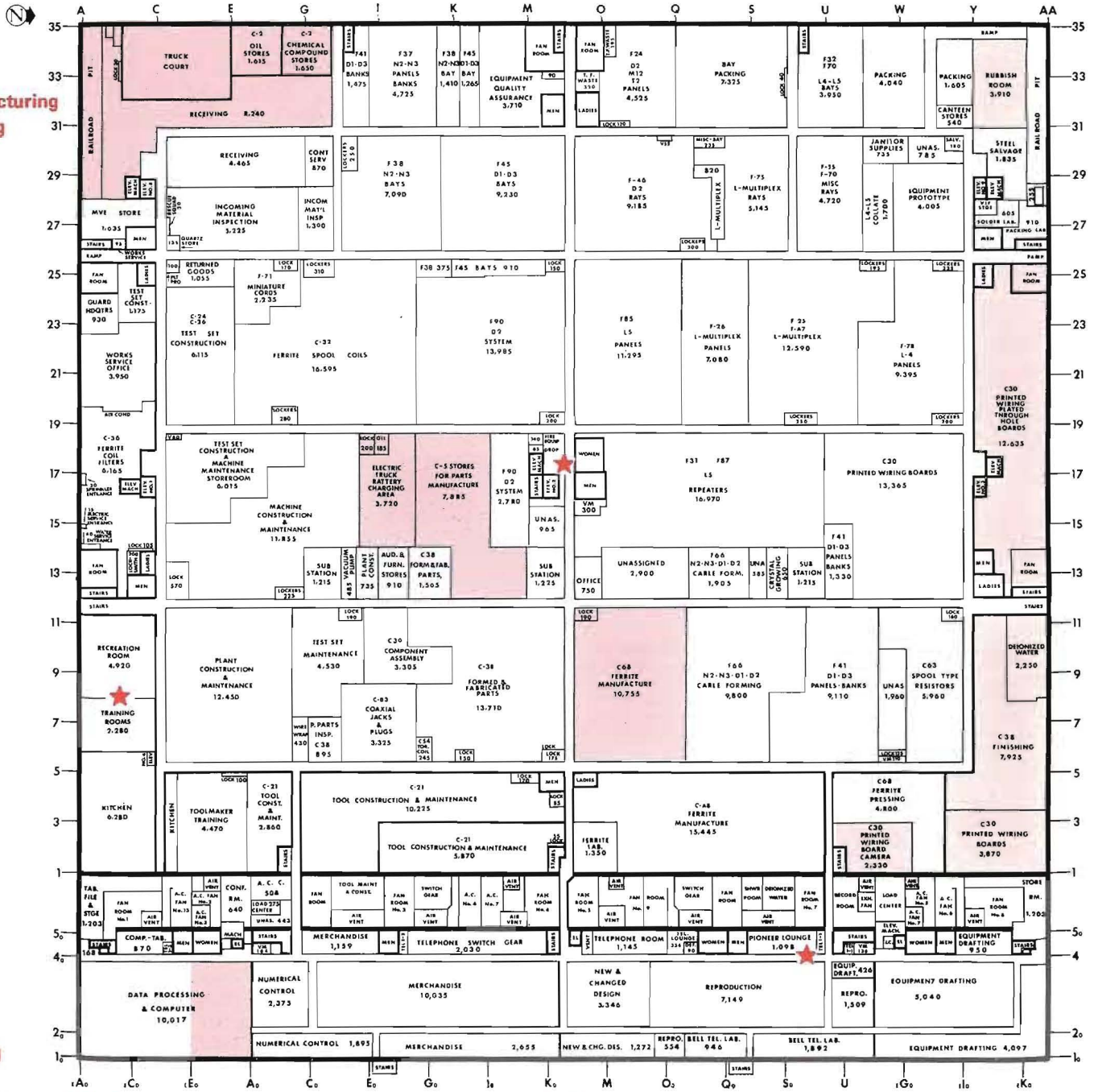
Some of the construction areas you see are creating new shops for new products, while another building project is the installation of an additional 7,500 tons of air conditioning for the entire manufacturing building.

THE OPEN HOUSE?
 Just park in the North shaded grey in the map - be open for you.



Tired From Walking?
 You're covering a lot of space relax awhile at the North Cafeteria
 Cake and ice cream
 Pepsi and coffee

First Floor Manufacturing Building



First Floor Office Building

The story behind the Merrimack Valley Works

While you're showing your guests around, you might like to tell them the story of the Merrimack Valley Works; how it came to be, and how it fits into the Western Electric Company.

The Merrimack Valley Works is one of the largest industrial facilities in the Commonwealth of Massachusetts. But back in 1943, when Western Electric began the old Haverhill Shops as an extension of the Kearny, New Jersey, Works, all the pilot operation had was twenty people in an old shoe shop.

The Haverhill Shops grew out of WE's

commitment to produce electrical coils for the Bell System and the armed forces during WWII. At the end of the Haverhill Shops' first year, W.E. had 2,100 employees working in old factory buildings.

Lawrence Shops Open

In 1951 the original Haverhill Shops had expanded enough so that the Lawrence Plant opened. Formerly the Monomac Spinning Mill, the plant still has lanolin stains in its wood floor from the wool used as raw material during the heyday of the textile industry in Lawrence.

Two years later Western Electric announced that it would build a new manufacturing and administration facility between the two industrial cities. Ground was broken at the present site in North Andover, and in June, 1956, the Haverhill-Lawrence Shops became the Merrimack Valley Plant. The Haverhill locations then phased out as the new Works drew people and machinery from them. That year the employee population swelled to over 5,000.

continued on page 8

Facts About The Works That You Might Like To Know

The Merrimack Valley Works is a big place, and you might have to hurry if you want to see it all. Including the facilities in Lawrence, the Works has over 2 million feet of floorspace, or the equivalent of over 42 football fields.

Merrimack Valley employs nearly 10,000 employees from about 90 different cities and towns working three shifts; and with that many people working together in a place so large, the Works becomes very much like a small city.

The plant has almost every supportive service available so that it can fulfill its responsibilities to build equipment for the Bell Sys-

tem. For example, there is a fully equipped and staffed medical department, a security organization and fire department, a cafeteria system that feeds about 6,000 people a day, carpenters, painters, locksmiths, photographers, computer programmers, accountants, draftsmen, artists, millwrights, window washers, toolmakers, a "company racoon" and dozens of other jobs that don't involve building the actual products.

The Works is on a 169-acre tract which includes 35 acres of parking lots, 25 acres of lawn, and a seven-acre athletic field. Areas outside the parking lots have always been useful for expansion, and lately have become outdoor labor-



atories for telephone radio equipment, with radio towers and test ranges easily visible around the Works.

The financial impact of the Works on the local communities is astounding as demonstrated by last year's \$92.6 million payroll, and the \$23.2 million spent in purchasing services and materials from 1200 suppliers in Massachusetts alone.

Total Safety On Display With Fire Escapes For Sale

The Safety organization will be selling more than safety slogans at the Open House.

Their exhibit, which will be set up in the private dining room adjoining the auditorium, will feature a TOTAL SAFETY theme with on- and off-the-job safety information and displays.

At the same time the safety people will be selling roll-up fire escape ladders at cost for two- and three-story homes. Any employee who wants one can sign up at the exhibit and can arrange payment through payroll deductions. The ladders hook on a window sill in emergencies and offer a sturdy escape route, braced against the side of the building.


The displays will include the variety of personal protective devices available at the Works, as well as a life-size mock-up of the fire ladders in use.

Bell Labs . . .

Because of the sophistication and delicacy of many of the projects and experiments under way at Bell Laboratories, most of the rooms in the Labs Building will be closed during the Open House.

However, Irv Welber, Associate Executive Director of the Labs at Merrimack Valley, invites all visitors to stroll through the Labs Building. As you do, you will be able to see some of the experimental equipment under development by looking through windows and doors.

You are especially invited to visit the technical library on the third floor of the Bell Labs building, shared by both W.E. and BTL.

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ARTHUR BELLEVILLE
Editor
Photographer
JAMES P. CHASSE
Reporter
ELLEN LAHLUM

MVW HISTORY

from page 6

Extra Building For Quartz Growing

In 1959 the Works added a building to house quartz crystal growing facilities. (Drop by that building for a visit. There are tour guides available to explain how industry can "grow" perfect quartz in about a month.) That building was later expanded to include ferrite powder operations. Ferrite powder is used to manufacture magnetic cores for coils. Another addition was made to the Works when the office building was given a new wing to accommodate Bell Labs needs at Merrimack Valley.

A New Beginning For Environment

The next addition to the Works was one of major importance to the welfare of the entire community. In 1959 the Merrimack Valley Works dedicated a million dollar water pollution abatement facility. Stretched out over five acres, the treatment plant today purifies industrial effluents at the rate of 350,000 gallons a day. It also treats 200,000 gallons of sewage through aeration and a series of basins, filters, chemical treatment facilities and drying beds each day. In addition it purifies well water for industrial use. Unfortunately the facility is closed during the Open House for safety reasons, but it continues to guarantee that the Works will not pollute the Merrimack River.

The last building expansion was the addition of a merchandise warehouse in back of the manufacturing building. Visitors often notice that one interior wall is made of the same brick as the outside of the Works, a reminder of the time before the warehouse was completed. Stop in and see how W.E. arranges its pantry shelves.

Since these projects were completed, the Works has seen dramatic growth within the walls, as its interior has changed radically. The sophistication of new products, especially those involving thin film technology, has introduced enclosed, controlled environment work areas, with filtered air for dust-free manufacturing. People now regularly work under microscopes and thin film components are sliced by laser beam.

The products change along with demand. These changes are continuing, with many parts of the Works periodically receiving face lifts, but it's the people who make the changes happen. That's where your own story can begin.



"Hey, What Do They Make Here?"

Some time during the Open House some little tyke about 18 inches from the floor is going to ask you that question, and no kid is ready to take an answer like "transmission equipment" lying down.

So try your own variation of this answer. It may save you a dozen questions later on.

Tell him we make telephone equipment for the Bell Telephone companies across the country, and the equipment we make here is called carrier equipment. Then you can explain that carrier equipment lets wires, cables or radio beams carry more than one telephone call at the same time. That way you don't have to have a separate telephone line to every place for all the calls you want to make, and many people can talk from city to city or country to country at the same time because of the things we make here.

But however the explanation works out, Williebell will be happy if the kids learn that we don't make washing machines or rocket ships, and if they get to see where their parents work.

How Does Western Fit Into The Bell System?

The Bell System has over a million employees. One fifth of them work for Western Electric, today the largest single producer of communications equipment in the world.

Western Electric is completely owned by the American Telephone and Telegraph Company, the parent company of the Bell System. Together, AT&T and W.E. own Bell Laboratories.

Western Electric is the manufacturing and supply unit of the Bell System, and serves in four major operations: manufacturing, of which the Merrimack Valley Works is one of the company's 23 major plants; installation, which maintains a force of 33,000 installers working out of 32 offices across the country; purchasing, where a group of 2,400 specialists buy

all the materials and services required anywhere in the Bell System; and distribution, with 34 service centers and seven distribution centers, to channel equipment and supplies to the telephone companies.

Bell Labs is the research and development unit of the Bell System, charged with the development of new communication systems and the improvement of existing facilities.

AT&T has interest in twenty-four operating telephone companies, like New England Telephone. Another AT&T subsidiary is Long Lines, which interconnects these companies and the thousands of other telephone companies across the country, and provides long distance and international telecommunications.

a few requests . . .

people will be working and machines running while you are here, so keep a close watch on your toddlers . . .

the open house ends at 9 on weeknights and noon on saturday; please listen for the closing announcements . . .

thanks

MERRIMACK VALLEY WORKS NEWSLETTER

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APRIL EDITION
INFORMATION SUPPLEMENT

Retirements



H. Francis Drenth will retire on June 14 after over 28 years of company service. Mr. Drenth, a Section Chief, Customer Billing, lives on West Main Street in Merrimac.

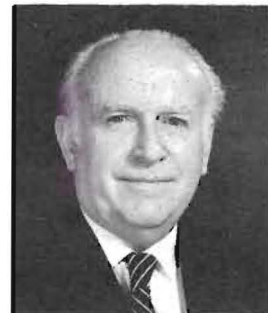


Edward W. Moye, Department Chief of the Equipment Drafting Department, will retire on June 1. Mr. Moye has been with Western Electric for nearly 46 years and lives on Fernview Avenue in North Andover.

Arline J. Dobbratz of Epping, N. H., will retire on May 29. Mrs. Dobbratz is a Layout Operator in the Coil Winding Section and has been with the company for over 21 years.



Dennis J. Hanlon, a Tester in the Repeater Inspection and Test Section will retire on May 31. Mr. Hanlon, who lives on Lexington Avenue in Bradford, has 17 years with Western Electric.



Arlene P. Cartier, a Process Checker in the Miscellaneous Spool Resistor Department, retired on April 2. Mrs. Cartier, who has over 18 years of service, lives on North Broadway in Haverhill.



Irene B. Busta retired on April 17 after 15 years of company service. Mrs. Busta, who was a Wireman in the N2, N3, D1, and D2 Prewire and Preparation and Final Inspection Section, lives on Hampshire Street in Methuen.

Evelyn M. Bryant of East Hampstead, N. H., will retire on May 31. A Coil Winder in the Coil Winding Section, Mrs. Bryant has 26 years of service.

Anna B. Raskow, a Billing Clerk in Customer Billing, will retire on May 4 with over 20 years of company service. Mrs. Raskow lives on Second Street in North Andover.

Alice S. Dion of Arlington Street in Haverhill retired on April 11. Mrs. Dion was a Tester in the Miscellaneous Test Section and has 15 years of service with Western Electric.

Be A V.I.P. In Greater Lawrence

Calling the people at V.I.P. can make **You** a very important person. V.I.P. stands for the Volunteer In-Service Program which now serves Greater Lawrence from an office in the city's United Service Building.

The program is a clearing house for volunteers. Anyone who wants to assist any social agencies in the Lawrence area should call the V.I.P. line on 687-3444. V.I.P. will put the volunteer in contact with whatever agency needs him, and can advise volunteers where their services will be most useful. V.I.P. is also looking for volunteer help staffing its own office on North Canal Street.

If you are interested in working for or through V.I.P., call the V.I.P. line or Nick Carnett here at the works on extension 3698.

Promotions

On April 15:

Thomas W. Reed, Staff Associate, Supervisory Development Program, was promoted to Section Chief, Thin Film Shop Information System Coordination.

William J. Clancy, Jr., Stock Maintenance Clerk in the Prototype, Ferrite, Small Toroidal Coils and Filters, Duo-lateral and Spool Filters, 94 Type Coils, Ordering and Service Section (C31, 36, 33, 52, 55, 61, 62, 64).

William G. McLaughlin, Staff Associate, Supervisory Development Program, was promoted to Section Chief, Ferrite Spool Coil Winding.

D. Phillip Wilkes, Staff Associate, Supervisory Development Program, was promoted to Section Chief, D3 Cable Forming, Preparation, and Final Inspection.

Mrs. Evangeline Zatzos, Layout Operator in the Miscellaneous Carrier, TCE Bays, N-1 Channel Inspection and Test Section, was promoted to Section Chief, D3 Plug-In Assembly, Wire, Inspection and Test.

John M. Melia, Production Analyst in the Equipment New Design Section, was promoted to Section Chief, Carrier Stores.

Mrs. Margaret G. Murphy, Accounting Clerk, Payroll, was promoted to Section Chief, Computer Accounting Systems, Hourly Payroll.

In Memoriam

Joseph P. Boisvert, retired, March 4, 1973.

Andrew W. Murray, retired, March 5, 1973.

James L. Perry, Beam Crossover Section, March 23, 1973.

Russell G. Grenier, Ferrite Manufacturing Section, March 30, 1973.

Carmen D. Autieri, Carrier Stores Section, March 30, 1973.

L-5 Group Celebrates 1st Birthday



On April 3rd people in the L5 Carrier Hybrid Integrated Circuits and Repeater Department celebrated their group's first birthday when they presented their boss, Joe Lyons, with a cake reading "Happy Birthday L5."

The L5 Repeater, highlighted in last month's NEWSLETTER, is part of the L5 Carrier System which has a capacity of 108,000 voice channels in a 22 tube cable.

Anniversaries

TWENTY-FIVE YEARS

Name	Dept.	May			
Butler, Pauline J.			89520	3	
Boyer, Albert E.			12410	6	
Woodman, Frances D.	89560	5	Baglione, Adeline D.	81580	9
Lialios, Orania H.	89660	6	Nadeau, Sandra P.	21340	11
Woodman, Dorothy A.	81950	24	Jones, Joan M.	89660	13

TWENTY YEARS

Houle, Robert F.	02140	3	Waters, Alan T.	21730	13
Bume, Frederic L.	12420	4	Heffernan, Raymond S.	14940	14
Cleary, Anna G.	89330	5	Naughton, Thomas H.	89450	14
Waites, Robert G.	12420	5	Kanan, Mary D.	81410	16
Ratte, Lucille O.	14150	12	Perreault, Henry G.	89520	19
Samia, Dearborn	12340	12	Rousseau, Robert P.	12420	19
Tarzia, Marie K.	81570	12	Meade, John T.	89510	21
Rheume, Joseph G.	30410	19	Dodier, George R.	12370	22
Kenney, William P.	03740	25	Santomassimo, Mary V.	89660	22
Cogswell, Lawrence H.	21950	26	George, Pearl L.	89560	23
Callahan, Helen P.	89530	28	McCarthy, Marlene M.	89660	23
			Rogers, Rita F.	81630	24
			Woidyla, Anna	14930	25
			Flynn, Priscilla M.	81430	26
			Garant, Claire D.	81410	27

FIFTEEN YEARS

Bauchman, Irene M.	89430	3			
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