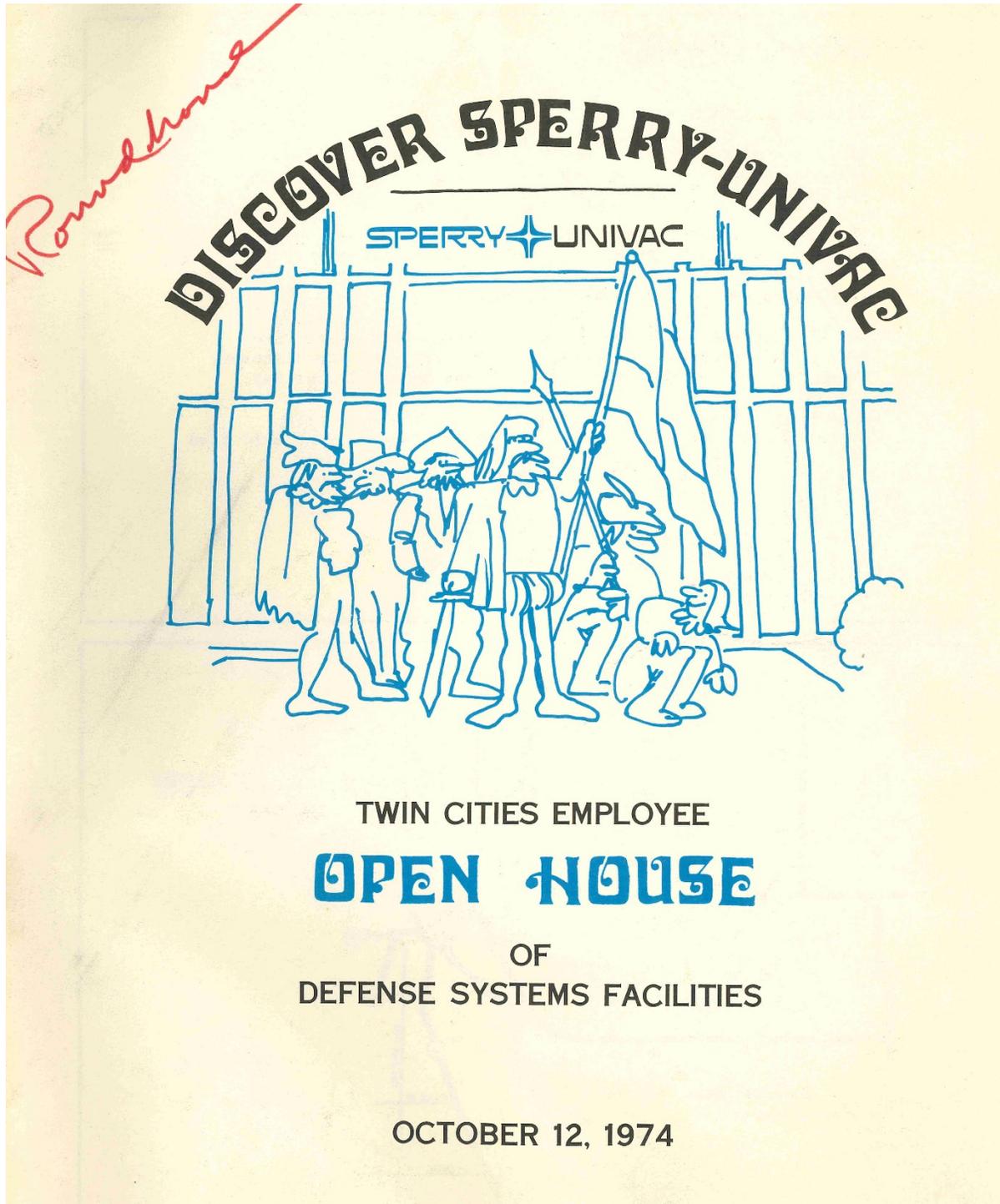


From the files of Ray Lins via his son Mike Lins.



Note autograph by Round House Rodney, he was an actor on the Casey Jones television series shown on Minnesota's television stations. Quite popular with children.

Established in 1980



Welcome to your Open House.

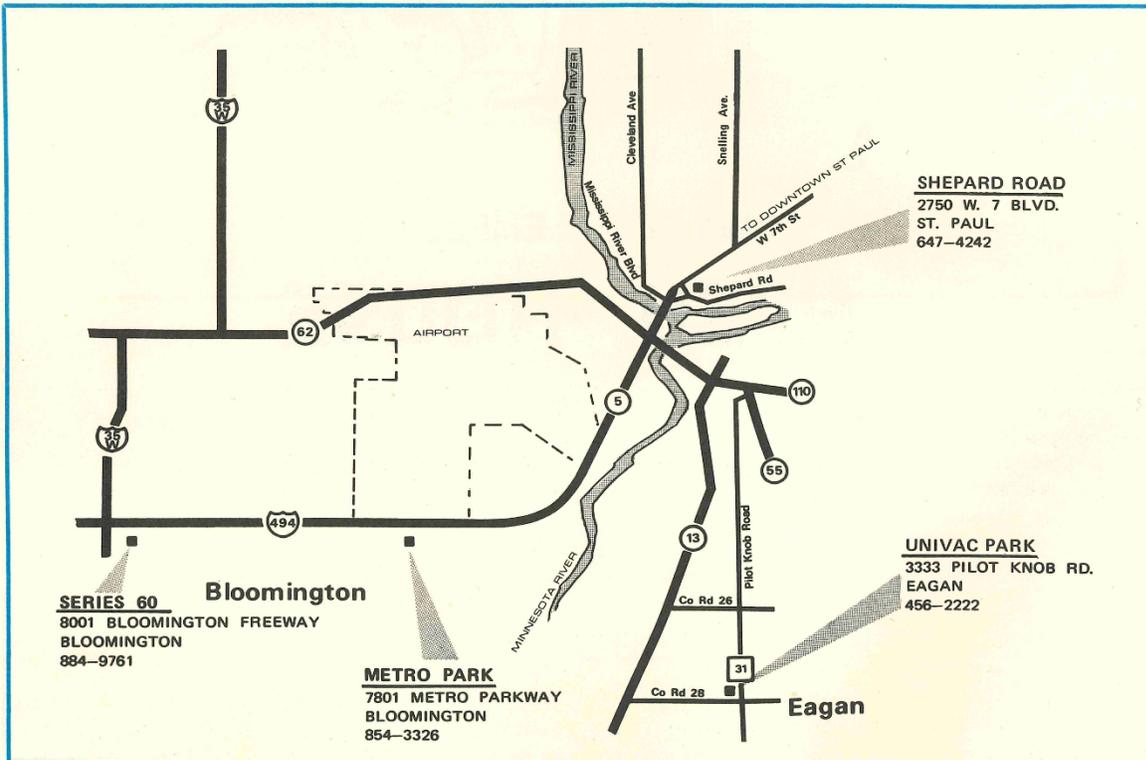
It is a real pleasure for me, on behalf of Sperry Univac, to welcome you to your 1974 Open House. We are delighted to have you with us.

The theme "Discover Sperry Univac" was adapted for the Open House because this day does indeed offer you the opportunity to "discover" the many challenging, interesting, and significant activities we are undertaking in Defense Systems.

You'll note that Christopher Columbus-type characters have been used throughout the Open House to carry out the discovery theme, for October 12, historically, has been Columbus Day.

We especially want to welcome the people from Roseville Operations to our facilities and we hope that everyone will find the Open House an enjoyable and educational experience.

E. D. Hams
Vice President and
General Manager
Defense Systems



Shepard Road Committee

Jeffrey Schmitt
Dave Carlstrom
Hugh Etzell
Larry Hamre
Robert Luken
Fred Murray
I. L. Shelton
Larry Strand

Shepard Road Hosts

Gerry Brings
Emmett Johnson
Jim Myers
Ken Osswald
Bob Overas
Mike Svendsen
Don Vizanko
Dick Yost

Shepard Road Hostesses

Bobbie Archambault	Ruth Grieves	De Nearing
Sue Arnold	Beverly Hammett	Kathy Pankratz
Irene Budenski	Amy Hanson	Patricia Plait
Joan Byer	Jan Hartman	Marilyn Ricker
Barbara Conti	Clara Hayes	Mary Ann Rylicki
Sandy Criego	Lela Karayusuf	Patty Sanburg
Joyce Ehrhardt	Carol Kramer	Lory Tharaldson
Pat Ferrozio	Barbara Lavell	Teri Tisthammer
Joneen Gaylord	Darlene Martinson	Romayne Walker
Kim Gravelle	Karen Milton	Naomi Walthour
	Mary Musto	

Shepard Road Department Hosts and Hostesses

George Anderson	Dick Horst	Dan Nelson
Jerry Anderson	Gary Humann	Walt Nelson
Bob Arnold	Geraldine Jensen	Wally Nickelson
Carol Babb	Lowell Johnson	Dan Norman
Chuck Barry	Don Kappel	Jerry O'Connor
Ernie Beck	Mike King	Bernie Olson
Duane Bendt	Bill Kircher	Duaine Olson
Bob Blau	Arnold Kittleson	Ray Olson
Manny Block	George Kohler	Wilbur Orson
Tom Boudreau	Fred Kycek	Leo Patch
Joe Brinda	Elmer Laduke	Harold Pierson
Bruce Brown	Dave Larsen	Bob Radloff
P. D. Cozine	John Lehto	Chuck Rick
Fran Dockendorff	Gary Linn	Jerry Schlick
Pat Doherty	Ray Lins	Bruce Scott
Hank Dotzler	Doug McCalla	Don Seck
Jerry Ell	Marilyn McDermott	Gerry Smith
Gerry Erickson	Ron Melland	Gary Snyder
Gary Farrell	Joe Messina	Lon Stolte
John Fullerton	Jay Myers	Bill Stout
Roger Gilmore	Bill Miller	Bob Stowell
Ed Godin	Bob Miller	Norris Swanburg
Don Goers	Joe Miller	Les Swenson
Ron Guenther	Dick Morrison	Ed Thomas
Jim Hammes	Roger Mrugala	Alex Trembley
Dorothy Hanson		Bill Tucci
Was Hasbrouck		Jeff White
Wally Herman		Ken Wieden
Karen Hoffstrom		Bill Wilcox
Don Holl		George Woodis

Hundreds of people are involved in preparing a facility for an Employee Open House. Many of the arrangements were made by the employees listed here, but scores of others helped them make the event successful. To everyone who so generously contributed time and effort, the company management and the Open House Committee extend their sincere thanks.

OPEN HOUSE COMMITTEE

General Chairman Jack Nichols
Associate Chairmen Marilyn Corrigan, Gerry Griffith, Russ Peterson, Jeffrey Schmitt
Graphic Arts Duane Bernhart, George Lehman, Robert Winkler
Art Show Mildred Gignac, Mary Jane Patterson
Photography Show Robert Wariakois
Refreshments Joseph Foley
Program Don Bruun

Univac Park Committee

Gerry Griffith
Susan Calhoun
John Cihunka
Judy Cognetta
Donald Miller
Richard Nicholson
Frank Nunberg
Sandy Robertson
Harold Schramel
Leslie Swanson

Plant Engr. Info Lobby

Gene Benolken
Jan Bort
Don Haskamp
Frank King
Lew Lisson
Dick Ney
Bob Puncocher

Univac Park Hostesses

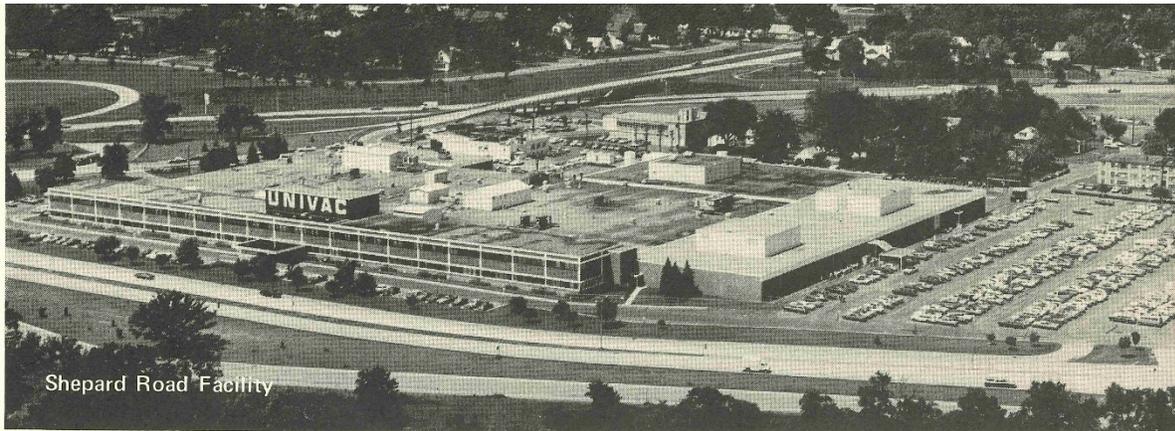
Trudy Achterhof	Barb Burford	Liz Kelly	Randy Powell
Sally Acker	Thelma Carlson	Marie LaCroix	Hazel Raasch
Jane Anderson	Mary Ann Chopp	Sue Launer	Judy Ramsay
Karen Banham	Fran Corcoran	Carol Linkert	Darlene Ruckman
Sally Bauer	Gloria Featherstone	Barb McKellips	Beth Schultz
Vivian Baumann	Sally Halvorson	Barb Nickelson	Ardena Shelton
Eileen Bergman	Rita Haman	Katy Noga	Marilyn Stein
Lois Best	Sandy Holderbecker	Maureen Novak	Shirley Stuart
Pearl Blomberg	Eva Houge	Selma Peters	Bev VanPelt
Kathy Braun	Dianne Johnson	Judy Pierre	Bev Walters
Marge Brown	Florence Johnson	Diane Plait	Mary Whiteneck

Univac Park Hosts

Bob Alexander	Gordie Frederick	Ed Kulczycki	Jim Rapinac
Clyde Allen	Pete Freeman	Tom Kunz	Dean Richardson
Don Anderson	Jack Frost	Dick Lachenmayer	John Roegge
Bob Barfknecht	Ed Fuller	Ken Larson	Richard Roessler
Leo Block	Bill Geiger	Ralph Laurens	Jack Rolfs
Richard Bowe	Walt Haberstroh	Bruce Lindell	Bob Russell
Les Brunker	Clint Haggerty	Lou Logan	Jack Sater
John Burgeson	Ernest Hams	Forrest Lowe	Don Schwanz
Norman Burnett	Denny Harren	Don Mager	Dick Seaberg
Jim Button	Russ Headley	Bill Malloy	Robert Siegfried
Pat Casey	Roy Hegler	Jack Mann	Richard Snell
Harvey Chiat	Gary Holthusen	John Markfelder	John Spearing
John Cieslicki	Ralph Hughes	Dale Maus	Jerry Squires
Harold Closmore	Paul Ives	Jerry Meyer	Joe Stoutenburgh
Richard Colby	Jerry Jaspersen	Ed Michaud	Maurie Taghon
Irv Dell	Art Johnson	Bob Moravec	Denny Thom
Harvey Dennison	Earl Joseph	Tom Morris	Ray Thompson
Lee Dominick	Leo Kennedy	Ernie Mutschler	Pete Tierney
Don Dunn	Ralph Kerler	Dan Newton	John Vold
Jack Ellingboe	Bob Kerner	Jim Nickitas	Earl Vraa
Tom Ellingson	Dave Kirkwood	Leo O'Brien	Al Wald
Bob Erickson	Jim Kiwus	Keith Oliver	Jim Wazliwik
Ray Fawcett	Dale Klette	Ed Olaszewski	Eugene Weller
Stan Foote	John Kolling	Hy Osofsky	Jim Welsh
Lyle Franklin	Ray Kot	LeRoy Prohofskey	Paul Welshinger
			George Workman

Univac Park Special Tour Hosts and Hostesses

Dave Augustson	Marshall Eklund	Steve Kulik	Halbert Rogers
Dick Barbari	Rodger Erickson	Karen Larsen	Carl Rumsey
Carole Bidon	Dennis Gacke	Jim Lundberg	John Schoeberl
Carl Boecker	John Goettl	Walter Makos	Marlene Summers
Eugene Chicoine	Ken Hedtke	Kenneth Mandl	Robert Wacker
John Christopherson	Richard Johnson	Laurel Nelson	Thomas Watson
David Detert	Dave Kirkwood	Steve Newcomer	Tom Zurick
Dana Doherty	Bruce Klugherz	Kevin Parillo	

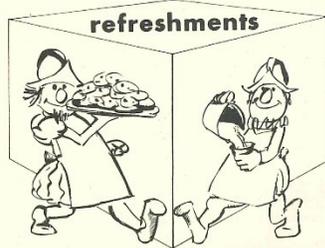


Shepard Road Facility

announcements & highlights

At both Shepard Road and Univac Park . . .

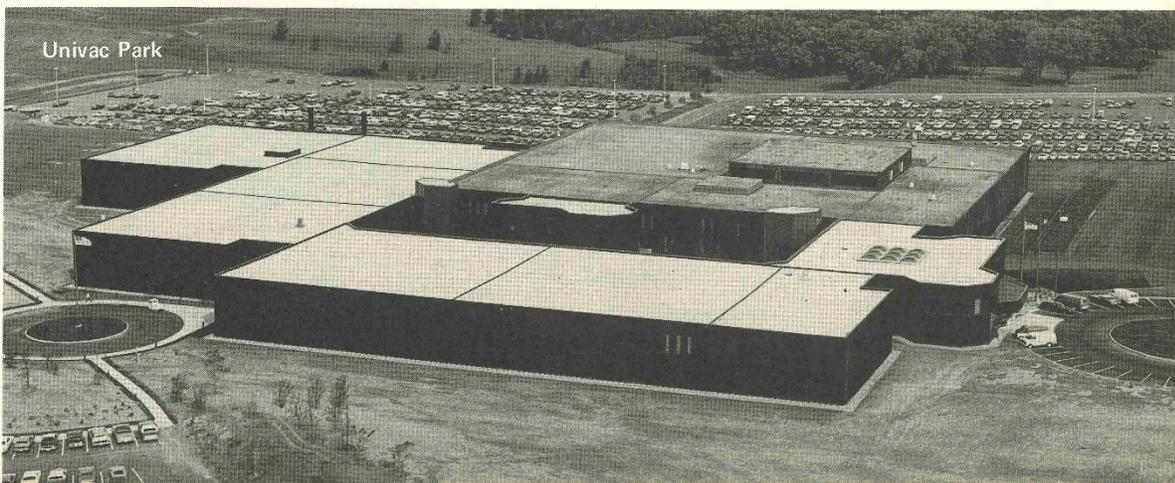
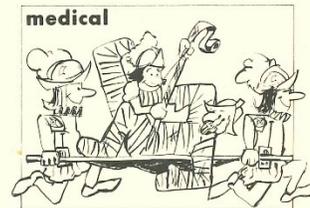
Take time to relax and have a cup of coffee or soft drink during the Open House. Complimentary refreshments will be served in the Cafeterias at the Shepard Road Facility and Univac Park.



Lost a child? Need directions to the nearest "Facility"? Official hosts and hostesses are on duty. They're ready to help you with any problems and are willing to do anything they can to make your visit an enjoyable one.

Security regulations prohibit the use of cameras within the plants. They may be left at the guard desks, where they will be tagged for return to their owners following the tours.

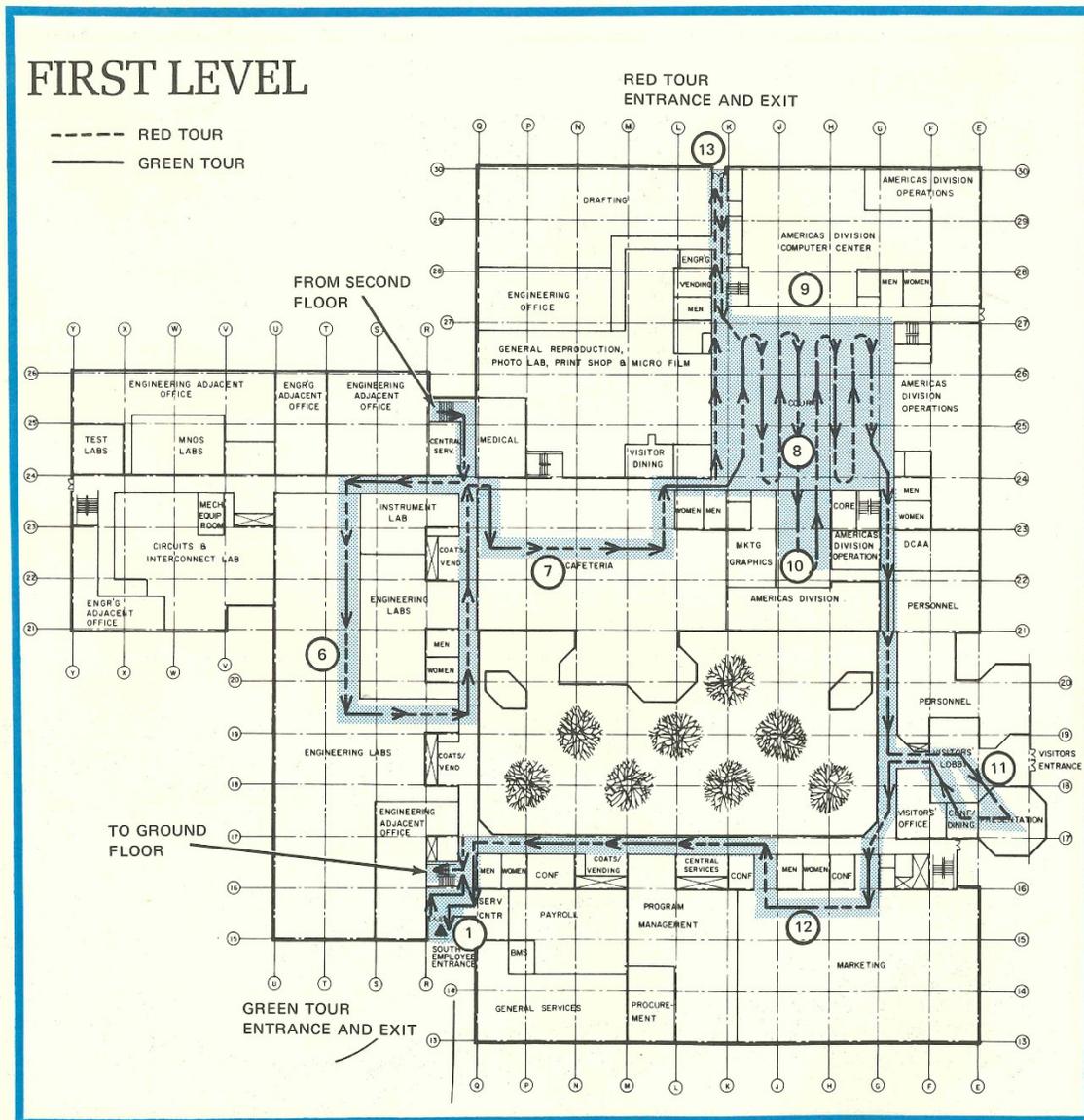
Nurses will be on duty during the Open House in the Medical Offices of the Shepard Road Facility and Univac Park.



Univac Park

UNIVAC PARK TOUR STOPS

- ① South entrance/exit
(Stop 2, downstairs; Stops 3,4, and 5, 2nd level)
- ⑥ Engineering laboratories. New concepts were created especially for this function.
- ⑦ Cafeteria (refreshments and entertainment)
- ⑧ Interior courtyard. All entries in the Employee Art Show are exhibited.
- ⑨ Americas Division computer center
- ⑩ Auditorium. The ceramic computer and other newly developed products are on display.
- ⑪ Visitor's lobby. (Open House information center)
- ⑫ Defense Systems Marketing office area
- ⑬ North entrance/exit



TOUR STOP

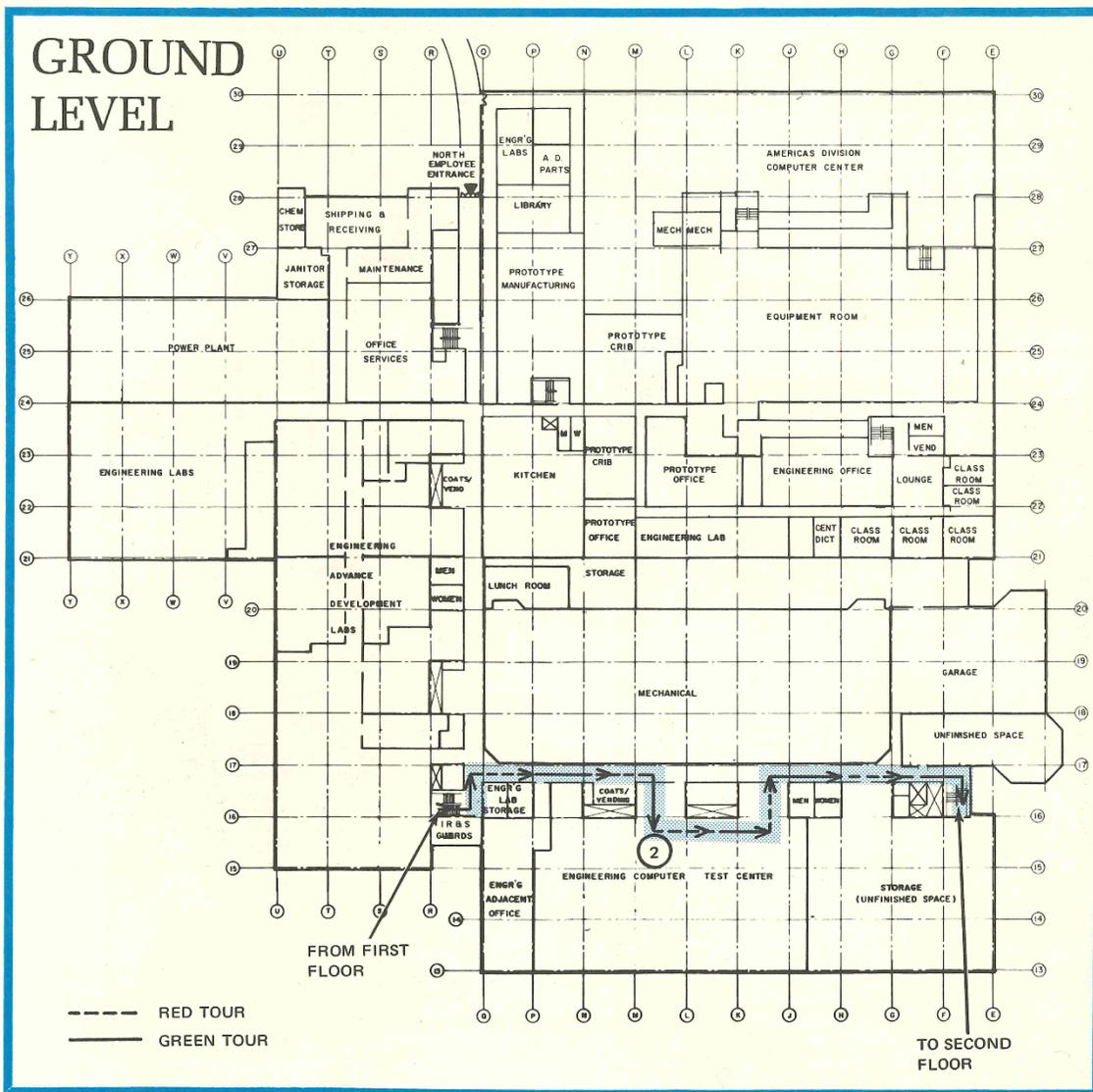
- ② Engineering computer test center

Defense Systems Headquarters is housed at Univac Park. The General Manager and his staff, plus the division planners and the legal staff, are included.

The Univac Park Open House tour highlights both the existing unit and the newly built office and laboratory complex. If you enter from the south employee entrance, follow the "green tour" markers; from the north entrance, follow the "red tour" signs. Both tour routes begin on the first level, descend to the ground level, and move to the second level before returning to the first level. Follow the tour guide for an informative visit.

The Defense Systems Controller maintains a staff of 175 at Univac Park. They provide services such as financial planning, pricing, program financial control, billings and collections, contract administration, and payroll.

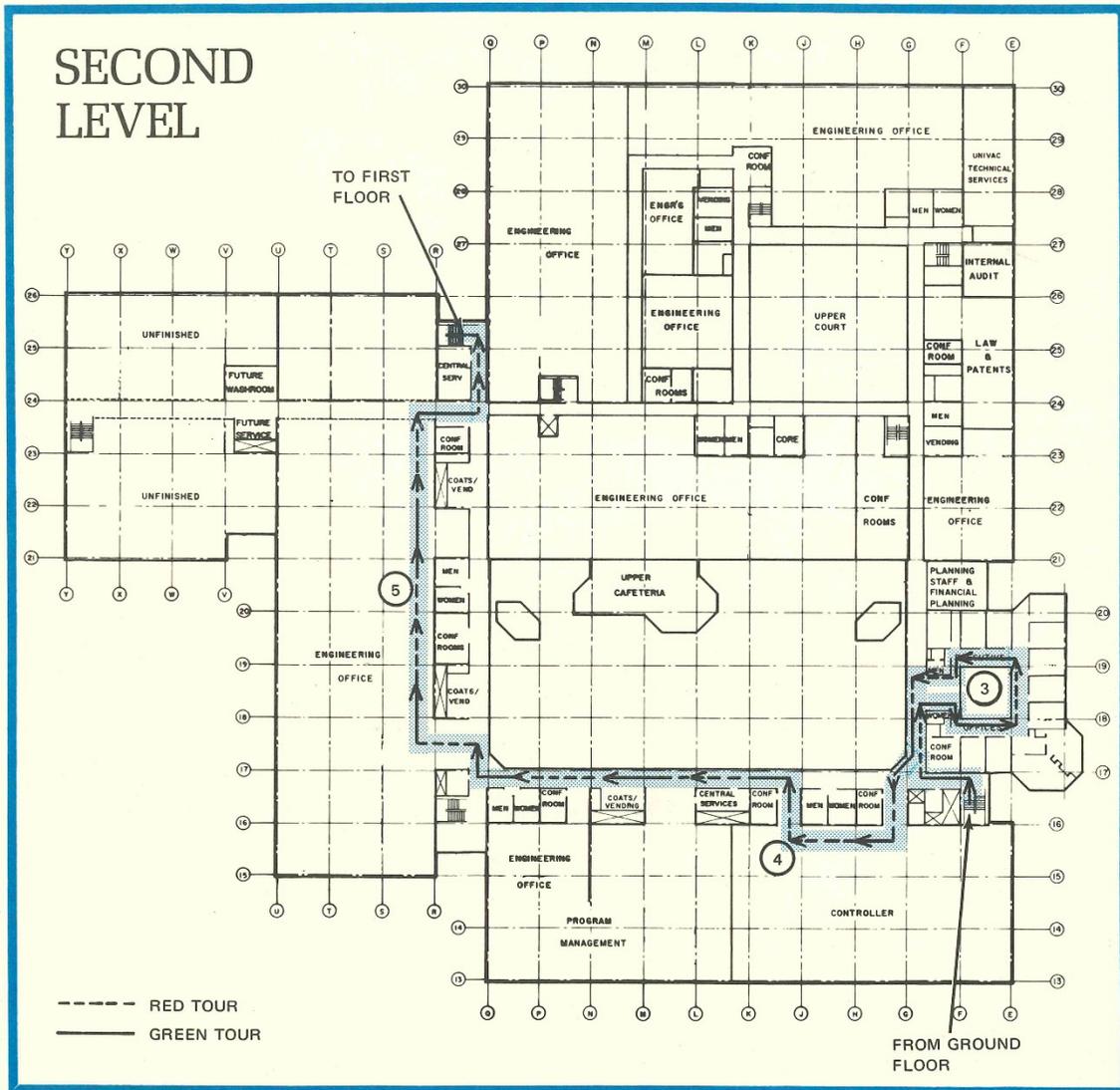
Program Management occupies 11,200 square feet, with 120 people. This organization is responsible for the management of major programs and products.



TOUR STOPS

- ③ Defense Systems Headquarters executive area
- ④ Controller/Program Management offices. Flexible planning is an integral part of the design concept.
- ⑤ Engineering office area. The open office areas have colorful, self-standing screens that create visual and acoustical privacy.

The people comprising the **Defense Systems Marketing** organization have the primary responsibility of selling computer systems to the outside world. In face to face contacts with existing and potential customers, members of the headquarters and regional sales force present Sperry Univac's solution to the broad range of data processing problems facing various agencies of the Federal Government. In support of the salesman in the front lines, other members of the marketing organization include advertising and public relations, inventory management, market and product planning, market forecasts and proposal management.





The Univac Park open-air courtyard, a pastoral setting.

The major portion of **Defense Systems Engineering** is consolidated and occupies about one-half of the total space at Univac Park. The many disciplines of Engineering are found here: Data Processing Systems and Programming, Customer Services, Equipment Design, Applied Research, and Electronic Component Development. Over 1300 engineers are located in offices and the new laboratories at Univac Park.

The **Industrial Relations and Services** organization, which is primarily service oriented, is housed in Univac Park. This includes Personnel Administration, Salary Administration, Affirmative Action, Facilities Planning, Employee Relations, Compensation, Public Affairs, and General Services. Labor Relations and Factory Personnel are located at the Midway Facility.

Americas Division computer systems currently occupy 24,320 square feet of space in Univac Park. The primary function of these systems is to prove machine performance and capability utilizing prospective customer programs. The three large scale systems and auxiliary gear are valued at \$24,000,000. The support group for these systems includes 175 employees.

Technical Services Division is headquarters for a group of over 400 people located throughout the world who provide engineering and programming services required in the development of systems for Government and commercial applications.



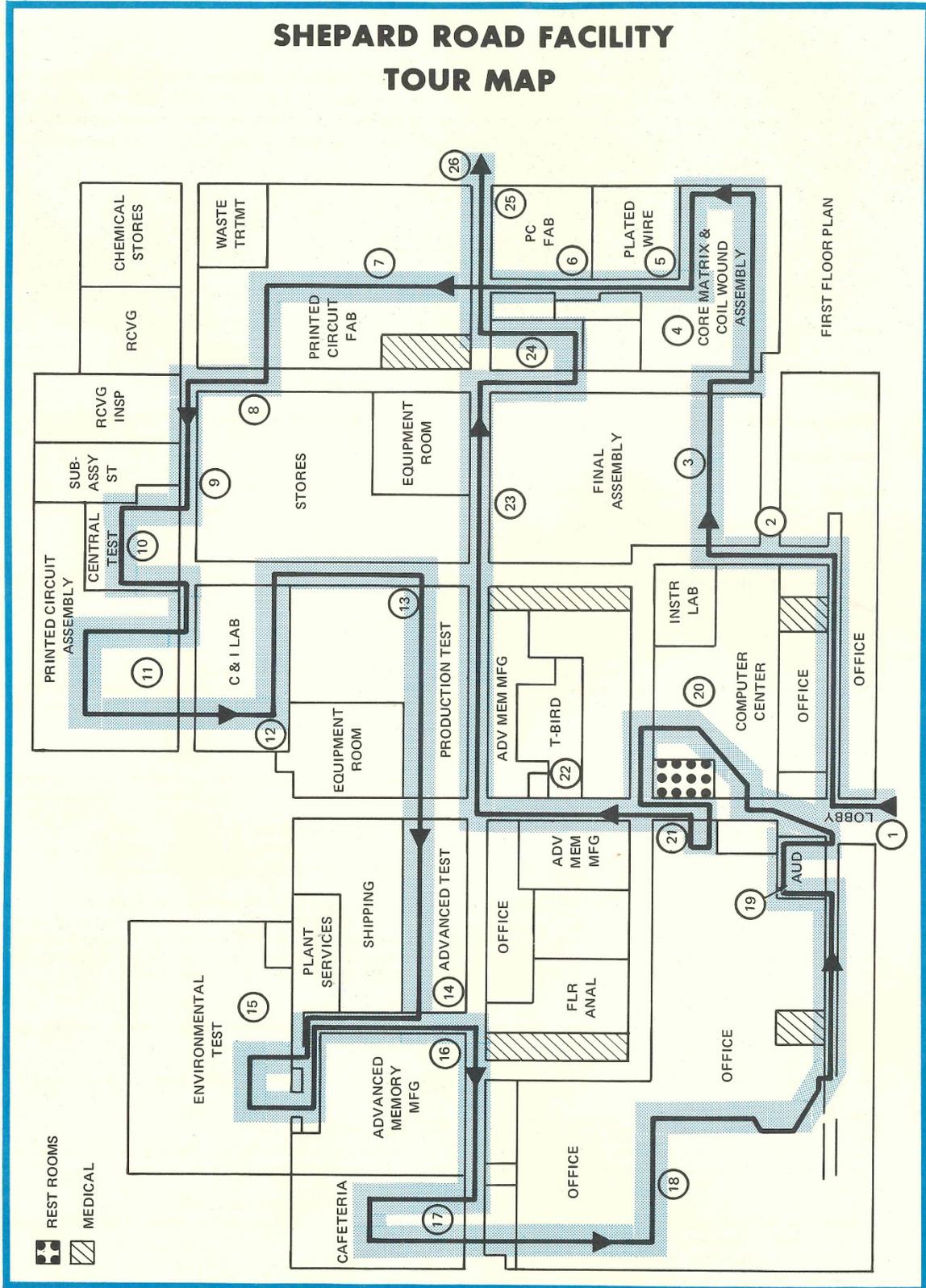
The fourth Sperry Univac Amateur Art Exhibit and Contest is displayed in the open courtyard of Univac Park. Mary Jane Patterson, Labor Relations, has coordinated this exhibit. She received assistance from Mildred Gignac and Judy Pierre. The judges for the contest are: Tony Caponi, of Macalester College, Warren Knight, of the Minneapolis College of Art and Design, and Bob Halladay, head of Commercial Artists at Dayton's.



Roundhouse Rodney makes his appearance at Univac Park from 10:00 to 11:00. He is at the Shepard Road Facility from 10:00 to 10:45 and again from 11:30 to 12:15. He is at Univac Park from 12:45 to 1:30.



Clancy the Cop appears at the Shepard Road Facility from 10:00 to 10:45 and again from 11:30 to 12:15. He is at Univac Park from 12:45 to 1:30.



SHEPARD ROAD FACILITY

The Shepard Road facility is the key manufacturing center for Sperry Univac Defense Systems. The original building was occupied in 1956, and in 1971 was expanded to house one of the most modern and efficient production facilities in the country. A complete tour of the plant has been arranged with professional entertainment, exhibits, and refreshments. This tour guide and map is provided to make your visit more informative. As you progress on your tour today, you will notice entries by Sperry Univac employees in the Photo Contest.

TOUR GUIDE

- ① **MAIN LOBBY**
Welcome to Shepard Road (Plant 1). We hope you enjoy your tour and this opportunity to discover Sperry Univac. A sampling of UNIVAC computers is on display.
- ② Mementos of your Open House are given out here.
- ③ **FINAL ASSEMBLY**
Production is going on in the Pin and Bushing, Automatic Wire Wrap, and Hand Wire Wrap areas.
- ④ **CORE MATRIX AND COIL WOUND ASSEMBLY**
Toroidal winder, core stringing, and rope memory stringing machines are in operation. You will see an operator doing a hand-stringing operation and a display showing the buildup of a memory stack. Automatic plane and stack testers are in operation in the Core Matrix Test area. Photos of core planes are enlarged and projected.
- ⑤ **PLATED WIRE**
A flow diagram of the plated wire facility is in pictorial form.
- ⑥ **LAMINATING**
In this room a Kard Laminating press is used for bonding multilayer boards together.
- ⑦ **PRINTED CIRCUIT FAB PLATING**
In operation are the automatic copper plating and solder plating lines, the conveyORIZED chemical spray etchers, and other equipment.
- ⑧ **STORES**
The Randriever storage unit is in operation in Tool Stores.
- ⑨ **STORES**
The counting machine is counting out candy and bagging it for the children on the tour.
- ⑩ **CENTRAL TEST**
In use here are a 418 Computer, a 1218 Computer, and component and printed circuit board test equipment. The children will be able to type in a name of a comic strip character and receive a picture printout.
- ⑪ **PRINTED CIRCUIT ASSEMBLY**
Note the material transporters as well as the overhead conveyor, the solder machine conveyor, the flat pack prep machine, the Ragan Assembly Aid, and the flat pack placement machine.
- ⑫ **CIRCUIT AND INTERCONNECT LAB**
A display shows the development of interconnecting devices and their applications. A laser trimmer and bonding machine are in operation.
- ⑬ **PRODUCTION TEST AND ADVANCED TEST**
A computer is shown under test, together with a layout showing the various parts and assemblies of the computer. The new Mini Computer is also on display.
- ⑭ **ADVANCED MANUFACTURING TECHNIQUES LAB**
A "Rube Goldberg" machine will dispense gumballs for the children.
- ⑮ **ENVIRONMENTAL TEST**
This simulates the actual operating environment that computers experience in the field.
- ⑯ **ADVANCED MEMORY MANUFACTURING**
This area has a display of equipment and assembly machines.
- ⑰ **CAFETERIA**
A break for refreshments.
- ⑱ **OFFICE AREAS**
A Lektriever storage system and Microfiche data information equipment will be in operation in Production Control. See yourself on closed circuit television.
- ⑲ **AUDITORIUM**
Clancy the Cop and Roundhouse Rodney will entertain here. A sign in the front lobby gives the times for each performer.
- ⑳ **COMPUTER CENTER**
The Center is operating a full shift and you will see three 1108 Computers and associated gear in operation.
- ㉑ The Computer Center has set up a UNISCOPE 100 here in the "Conversational" mode with games for your grade school and high school age children. Games, such as Guess A Number, Guess A Word, Acey Ducey, Opposite Word, Tic Tac Toe, and your Horoscope, will be played.
- ㉒ **THUNDERBIRD LINE**
Thin film deposition equipment is visible from the tour route.
- ㉓ Balloons and pennants will be given to the children and a clown will entertain.
- ㉔ **LUNCHROOM**
A five-minute movie entitled "UNIVAC DISCOVERED" will be run continuously.
- ㉕ **PRINTED CIRCUIT FABRICATION**
Numerically controlled drilling machines are operating in this area.
- ㉖ Exit - Thank you for coming.



The Final Assembly area in the Shepard Road Facility



Sperry Univac's Photography Exhibit and Competition is a special feature of the Shepard Road Facility Open House. Bob Wariakois coordinated this exhibit; the judges for the photo contest were Dr. Kenneth J. Sigford, Robert L. Cerny, and Robert L. Pritschet, all well known artists and photographers. These judges used the International Photo Salon judging method. Members of the Sperry Univac Photo Club assisted in the photo display arrangement.

25-Year Employees Honored

Prior to the start of the Open House today a special buffet breakfast was held in the newly remodeled and expanded Univac Park cafeteria to honor all Twin City-based Sperry Univac employees with 25 or more years of service with the company.

Families of the honored employees also attended, along with key management people.

Following breakfast, the group officially started the Univac Park Open House tour. The following employees were honored at the breakfast:

Edward Andert	Charles Fahland	George Johnson	John Michaelson	Ray Paulson	Bob Starn
Donald Backstrom	George Fastner	Gordon Johnson	Lawrence Michaud	Donald Petersen	Benjamin Swezey
Gerald Behan	Joseph Feely	Leonard Johnson	Ray Miller	Lawrence Pinska	Richard Swifka
Roy Berg	Robert Fischer	Wesley Johnson	Robert Miller	Joseph Potter	Norbert Tollefson
Arnold Berkland	Philip Gaines	Frank Kline	Paul Mliner	Robert Price	William Toner
Adam Bild	Harold Gibbons	John Knopf	Sidney Moeller	Alfred Raiche	Eugene Topitzhofer
Reuben Bonin	Sather Goerne	Louis Knopf	Adolph Mueller	Robert Rohde	Robert Uebelhoer
Lee Borchardt	B. Louise Goy	John Kozmik	Donald Nechodom	Robert Ross	Raymond Valen
Richard Brings	John Graney	Frederick Kreitlow	Lloyd Nelson	George Rothe	Oscar Vigness
Warren Burrell	Robert Green	Earl Labahn	Wallace Nickelson	Sidney Rubens	Rudolph Wanzong
Earl Case	Herman Hanson	Robert Leacock	Carl Nicosia	Lloyd Schmidt	Vernon Weeks
Edmund Cich	Russell Headley	Gerhard Linn	Orville Nouska	John Schurmeier	Donald Weidenbach
John Dornak	Frederic Hebeisen	Marshall McFarland	Alexander Orosz	Ernest Shonka	Frank Weiss
Herbert Edquist	Thomas Honan	Robert McMillan	Walter Osllyn	Clarence Sieben	Orville Wilking
Woodrow Edstrom	Arthur Hegstrom	Amy Mead	Kenneth Osswald	James Speer	Donald Woodward
Bernard Eklund	Frederic Hoppe	Walter Medved	Robert Patterson	Daniel Staab	Emanuel Zarembinski

Univac Park — Rediscovered

By Russ Headley

Univac Park, a facilities planner's dream for nearly five years, began its transformation to reality ten years ago this month. It was in October 1964 that authority to acquire land was sought from the corporation.

Beginning in 1960, annual studies had been prepared showing the space growth needs for what was then known as Univac Twin Cities Operations. With the 1964 creation of the profit center concept within Univac, the program assumed a Defense Systems identification and it was as a DSD effort that land acquisition was finally approved.

Early Land Purchase Options

By the end of 1964, a real estate broker and law firm had been retained to negotiate land purchase options and to hold the options for us in order to maintain anonymity, our identity being only that of "a large, eastern electronics firm."

The first of a total of five options involved in the original land purchase was executed in May 1965 covering 60 acres in the middle of the site.

By August 1965, a total of 200 contiguous acres were under option and the necessary capital expenditure authorization was being processed. That same month, a local architectural firm was retained to undertake site evaluation and feasibility studies.

Veil of Secrecy Lifted

The next two months were spent in site analyses, narrowing or eliminating natural gas pipeline easements, extending options, and pursuing capital funding. Monies were approved in mid-October and the veil of secrecy (which had been pierced on at least two known occasions) was lifted by a Nov. 2, 1965 announcement to employees and a Nov. 3 press release. Robert E. McDonald, then Vice President and General Manager of DSD, emphasized "the intention of company management to continue conducting a major Univac operation in the Twin Cities area."

Now in the open, it was possible to request the necessary rezoning from the Eagan Town Board, the necessary forms being obtained from the Town Clerk whose principal "office" was then in the kitchen of her home. The Town Board unanimously granted the rezoning on Nov. 16, 1965, and the last major hurdle to land acquisition was cleared.

Options were exercised early in December; a building proposal was submitted in mid-December; and purchase agreements were executed shortly before Christmas. On Jan. 5, 1966, final payments were made and Univac took clear title to 200 acres of rolling farmland.

Early Building Designs

It was on the same day, early in February 1966, when Mr. McDonald was elevated to the Univac Presidency, that a reduced building program received Board approval. Originally proposed as a larger rectangular facility surrounding an open-air courtyard, the smaller building permitted roofing over the now-familiar interior court.

Architectural work proceeded and we were again before the Eagan Town Board in July 1966 seeking a building permit.

The Univac Park site was remarkably free from buildings for being so close to St. Paul. One old abandoned homestead was offered to and used by the Eagan volunteer fire department for practice burns. The well serving the house was preserved and can be located under the present Americas Division benchmark facility.

Although original company planning called for on-site sewer and water facilities, Eagan Township aggressively pursued its own plans and was able to provide both utilities by the time we were ready to occupy. Univac supported these efforts through a large donation of land for the elevated water storage tank at the north end of Univac Park.

The Unearthed Boulder

Groundbreaking ceremonies, led by Gerald G. Probst, Mr. McDonald's

successor as DSD VP & GM, took place August 16, 1966, and construction was underway. Everything seemed to be falling into place, including the announced 1971 completion of Interstate 35E and 494 (a two-year slippage from announced dates at the time of land purchase).

The soil at Univac Park proved ideal for construction purposes and grading proceeded without incident, marred only by the uncovering of an itinerant, large boulder, later to become the subject of an imaginative and spirited preservation campaign. Despite the colorful history attributed to the rock, which stood for nearly seven years near the visitor's entrance off Pilot Knob, amateur geologists at the time of its discovery surmised that it arrived from somewhere in North Dakota via glacier and was deposited in the terminal moraine country of Eagan long before the Kaposia Souix arrived on the scene. Devotees will be happy to note, however, that the rock has acquired a significance of more recent origin and has been ensconced in its permanent (?) resting place near the main south entrance from Yankee Doodle Road.

On Time, On Target

A potentially major setback occurred when high winds hit the area on June 30, 1967, causing the partially erected water tank to collapse; diligence on the part of Eagan officials, however, corrected the damage and the first moves of Univac employees into the new facility began Sept. 11, 1967, as scheduled.

Eagan became a village and later a city, but the statements made by Mr. Probst and John J. Klein, then Chairman of the Eagan Town Board, might well have been made today as we occupy the greater Univac Park. Said Mr. Probst, "We are pleased by the willing cooperation extended us by the Eagan community throughout the construction period. We look forward to a long and mutually beneficial association with Eagan and its citizens." And in his welcome statement, Klein said, "I am sure you will find Eagan as pleasant and attractive as those of us who have made our homes here."