

How video games made friends and influenced growth of technology



At the Franklin Institute exhibit, Lynn Fink of Marlton runs a virtual slalom course on an alpine skiing simulator.

By Martha Woodall
INQUIRER STAFF WRITER
efore there was Pong, there was

efore there was Pong, there was Computer Space.

Afterward came Space Invadence in and Donkey Kong. And the rest, as they say, is history.

Videotopia, a new exhibit that explores the history of — you guessed it wideo games opens tomorrow at the Franklin Institute, The display chronicles the industry from the development of the first commercial arcade game just over 25 years ago to the latest racing simulators.

Located on the second floor of the museum's Mandell Center, Videotopia

museum's Mandell Center, Videotopia not only covers the past and technological advances of electronic gaming but boasts more than 70 games — many of them vintage machines — for hands-on play. The video games range from multi-player stations found in arcades to at-home models.

Visitors entering the 8,000-square-See GAMES on F4

tech.life@home

Thursday, June 19, 1997

How video games influenced technology

GAMES from F1
foot display will receive two free tokens to play the machines. More can
be earned by studying and correctly
answering questions asked
at
"Power-Up Stations." (Tokens also
can be purchased at the exhibit)
Most of the arcade machines can be
operated with a single token, but
some of the more sophisticated ones
require as many as four.

While the exhibit is meant to entertain, the creators say Videotophs
Is more than just fun and games
The display highlights the crucial
and little-appreciated role video
games have played in spurring the
advancement and widespread ac-

"Video games are monumentally important," said Keith Feinstein, president of the Electronics Conserwhen you vancy, a company based in Murray moves as rapidly as this one does...
Hill, N.J., that created this kind of stuff disap-Videotonia.

Games, says "We can look at the the exhibit's commercialization of computer technology creator, made and the acceptance of computer technology," said Feinstein, who betechnology seem less gan researching video threatening games in earnest seven
years ago. "If you'removed lvideo games|
from the equation, you
would have computers
that were still just used in corporations and very few homes."
He recalled that in the 1950s and
1960s, computers were portrayed in
1960s, computers

1960s, computers were portrayed in popular culture as large, mysterious — and threatening — representations of technology. In such movies as Stanley Kubrick's 2001: A Space Odyssey, computers were fear-in-ducing, evil machines.

"Video games," Feinstein said,
"removed all that. They made the
technology familiar. People wanted
it, and they spent money on it."

John Alviti senior curator of collections at the Franklin Institute and a historian specializing in technology's effects on society and culture, said this is not the first time games and toys have helped intro-

duce a new technology.
"This is the way in which technology has been introduced — different technologies and in different time spans — through amusements, gaming and other kinds of leisure-time activity and play," he said.

In the 19th century, Alviti said mechanical banks and toys helped ease the transition from the world of hand-made to machine-made goods. Video games, he said, are part of the shift from an electric-me-chanical age to an electronic-digital

According to Feinstein, consumer spending and interest in profitable games helped bring down the cost of home computers and drove the industry to improve sound, speed

industry to Improve sound, speed and graphics.

The computer and the video gam-ing industry have other connec-tions, as well. In 1976, Steve-Jobs was employed at Alari Inc., where he de-signed the enormously successful

advancement and widespread acceptance of technology.

vanced, he founded the Electronics Conservancy to preserve what was

"Twenty-five years is nothing, but when you have technology that

pears very rapidly," Feinstein said.

He pointed out that Atari manufactured between 70,000 and 80,000 copies of Asteroids, an enormously popular arcade game launched in 1979. Feln-stein estimates that

A committee of more than a dozen scholars, technologists and educators advised the Electronics Conservancy on this exhibit. The group includes such innovators as Alan

Alcorn, now of Silicon Gaming, who was the codesigner of Pong; and Ralph Baer, "the father of video games," who was the inventor of the Magnavox Odyssey and was granted the first patent for a video gaming device. device.

Borrowing from the language of video games, Videotopia is organrized into three "levels." These areas highlight the history of electronic games, describe how they are de-signed, and explain the technology

signed, and explain the technology that makes them work.

A centerpiece of this part of the exhibit is a labeled, functioning arcade game in a see-through cabinet so visitors can watch what happens inside a machine when a game is played.

The part of the exhibit the Frank-The part of the exhibit the Frank-lin Institute has dubbed the "ulti-mate arcade" features historically important and popular games, as well as examples that represent today's cutting edge. Some of the
newer games include Namce's 1996
Alpine Racer 2, Which uses a 22-bit
to provide a dizzying virtual slalom,
and Sega's Super GT, which gives
players the sensation of driving and
allows them to look into passing vethicles

hicles
The display also includes kiosks
holding two models of each of the
three most popular at-home video
game systems — Nintendo 64, Sony
PlayStation and Sega Saturn.
Franklin Institute officials said

all the games in the exhibit are suitable for general family use.

The Franklin Institute's display also includes Virtual Hoops, a vir-

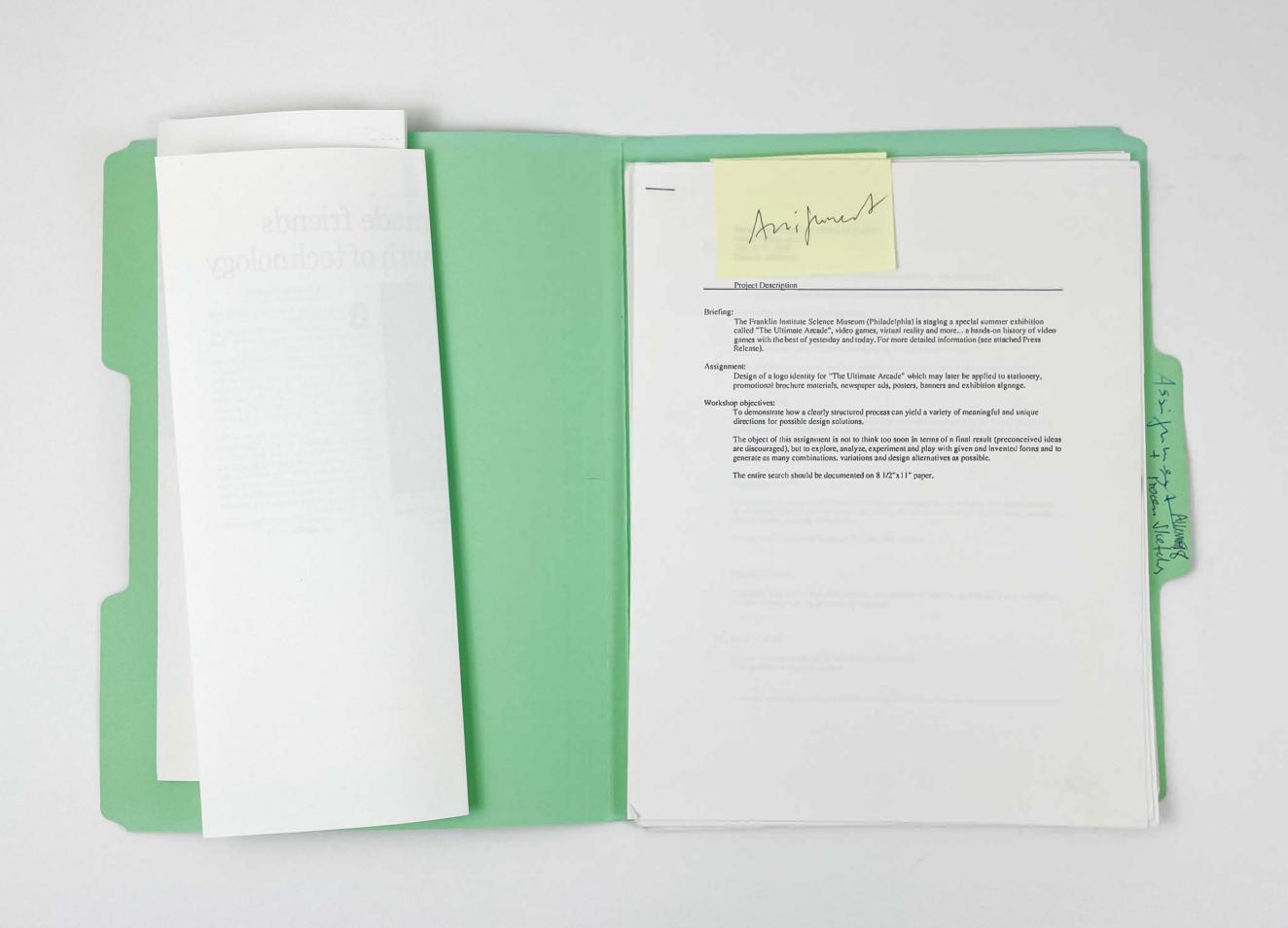
tual-reality basketball game that re-

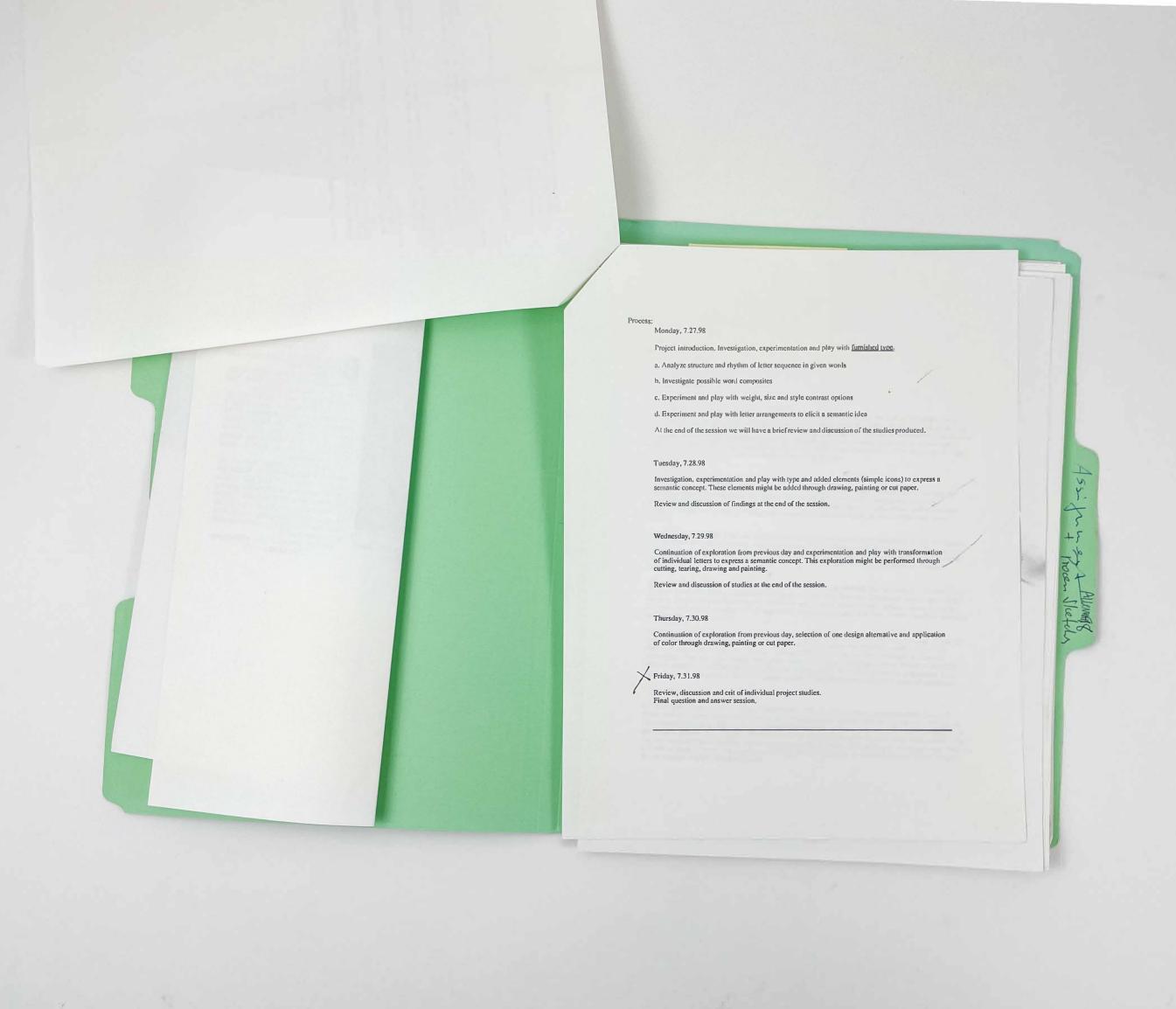
lies on blue screens, a special glove, a sophisticated computer and a

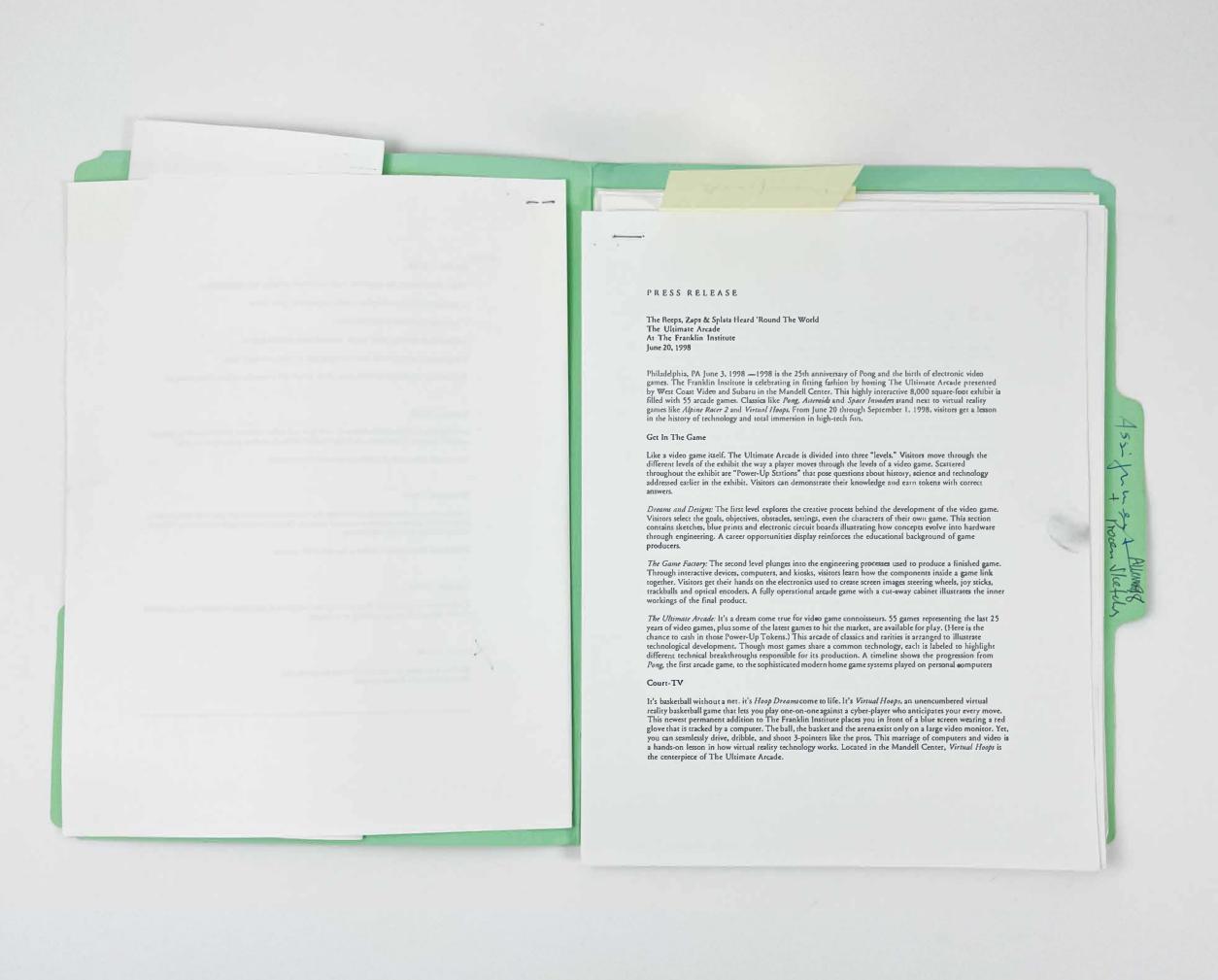
video camera to transpose a player's digitized image onto a huge TV

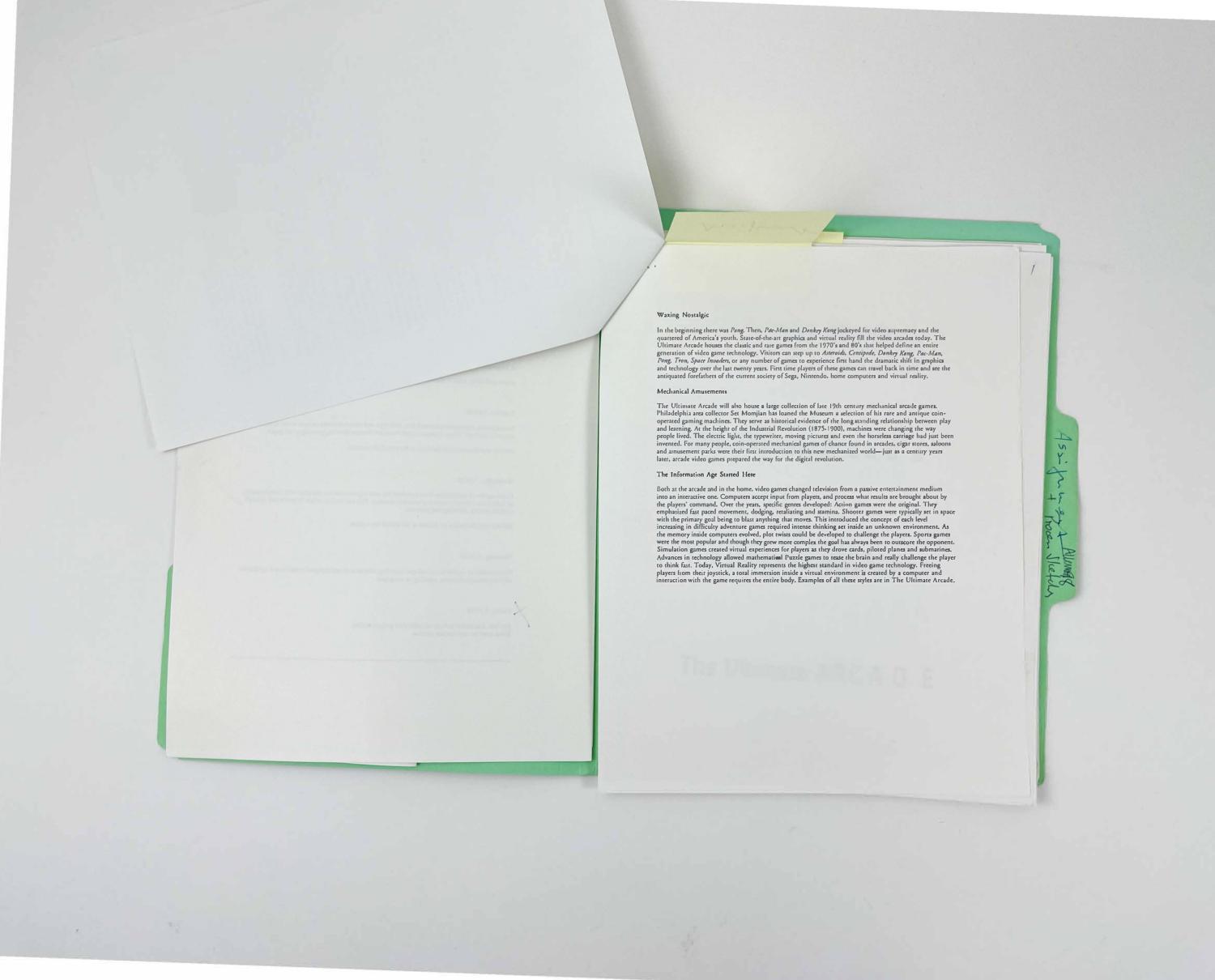
screen for two minutes of simulated

Mandell Center, 20th Street and the Parkway, is open from 9:30 a.m. to 5 p.m. Mondays through Thursdays, it is open until 9 p.m. Edgage and Supreduce and p.m. Fridays and Saturdays and until 5 p.m. Sundays. Admission is \$9.50 for adults and \$8.50 for children and seniors 62 and older, daily from 9 30 a m to 5 p.m. After 5 p.m., admission to the Mandell Center is \$7.50 for adults and \$6.50 for children









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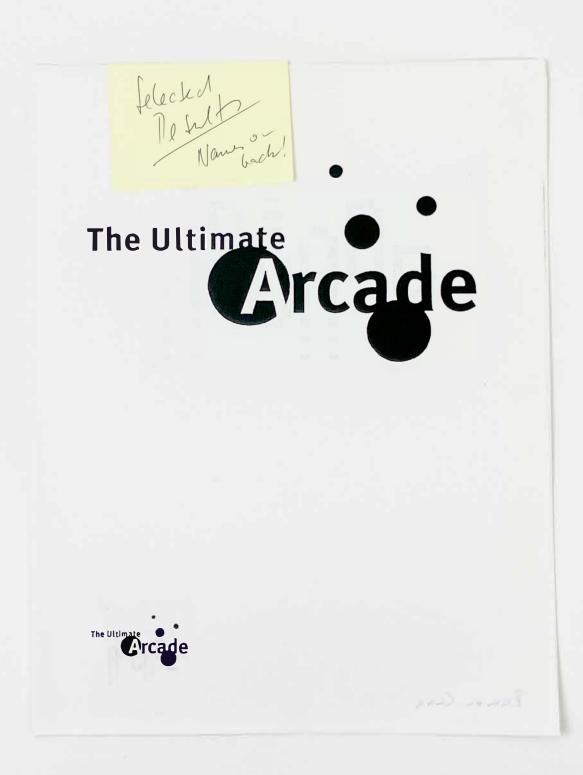








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Wolfgang Weingart July 20 – 24 Hans-Ulrich Allemann July 27 – 31 Lucille Tenaras August 3 – 7 Check our websile at http://www.meca edu lor 1998 faculty work examples, statements and course descriptions

Maine Summer Institute in Graphic Design

Program
This series of three five-day residential workshops brings together small groups of designers with a common intent of immersion into the essentials of design process

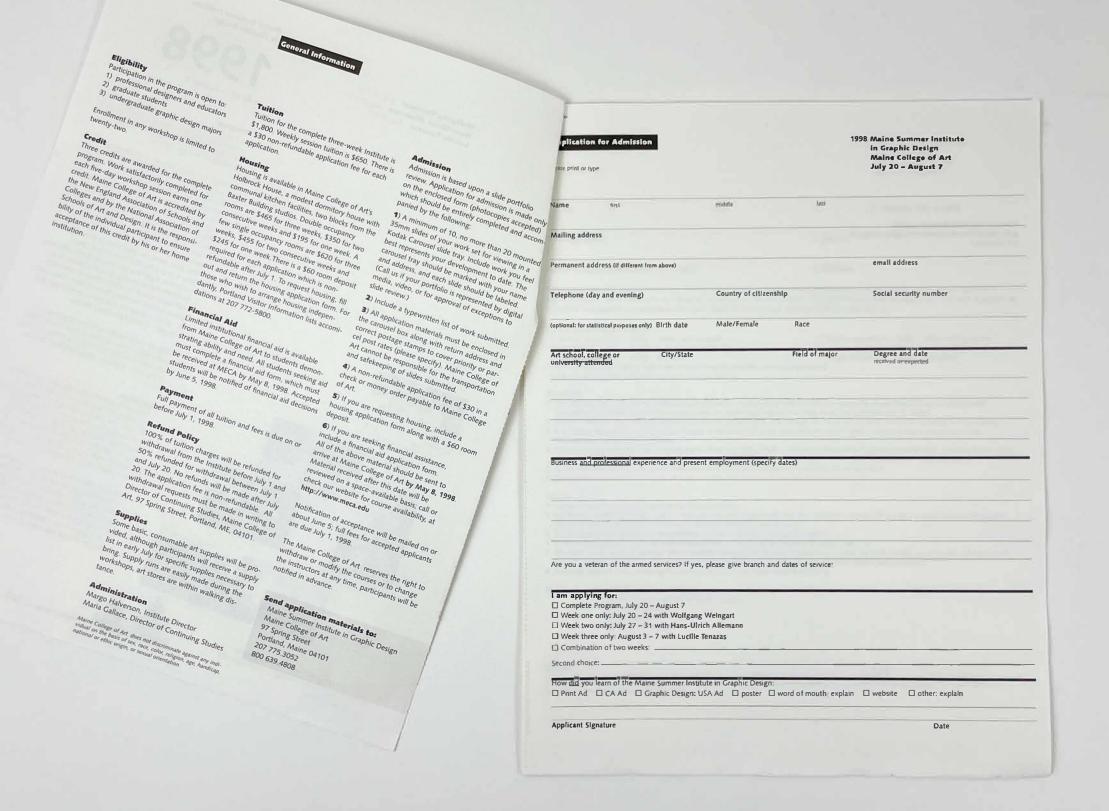
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Outside of the studio participants gather informally with faculty to share stories, theones and ideas while exploring Portland and the surrounding coast and islands, enjoying lobster Mainestyle

Portland is a small city of 65,000 located on a pennsula in Casco Bay, 109 miles north of Boston The red-bricked city is a galeway to the natural beauty of Maine's coast, and Maine's economic and cultural center Portland is known for its summer festivals and restaurants, it is a finendly walking city. Many call it a hidden jewel of a place, safe, interesting and inspiring

Studio facilities for the Maine Summer Institute in Graphic Design are provided in the Baxter Building, a Romanesque revival building in Porlland's Downtown Arts District which houses the College's Graphic Design Department Participants have dedicated studio space for the length of their stay with 24-hour access

Maine College of Art



1998 Maine Summer Institute in Graphic Design Maine College of Art July 20 – August 7 using Application lease print or type 2 Telephone (day & night) Name 3 Mailing address 4 Sex m/f 6 Birthdate 5 Dates housing will be required - from and to 6 How to register: All application must be done by mail or in person and must be accompanied by \$60 refundable* room deposit (payable to Maine College of Art). Confirmation and housing assignment will be sent by mall. Full payment is due prior to occupancy. *The room deposit is not refundable to applicants who withdraw after room assignments have been confirmed (no later than July 1) 7 Housing options (check one):

Double occupancy \$465 three-week program Since occupancy \$350 two consecutive weeks Since occupancy \$195 one week Since occupancy Since single occupancy rooms are available, but cannot be guaranteed Maine College of Art remains the final authority in all housing decisions ☐ Single occupancy* \$620 three-week program
☐ Single occupancy* \$455 two consecutive weeks
☐ Single occupancy* \$245 one week Procedures

1 The dates of occupancy will be verified in a confirmation malling along with all necessary materials. Room deposits are non-refundable applicants who withdraw from the program after the room assignments have been made (no later than July 1, 1998).

2 Maine College of Art is the final authority on all room assignments. The College will do its best to place students according to their wishes.

3 The College reserves the right to make changes in residence hall room assignments and the right to change living arrangements when circumstances necessitate such action.

4 Rooms are furnished with beds, dressers, lights, desks and chairs. Other accouterments must be supplied by the student. Holbrock House offers cooking facilities and supplies, and spacious common areas. Residents are responsible for bringing their own bed linens and towels.

5 A Resident Assistant is an occupant of the residence hall and is available for assistance and information.

6 Roommates will be of the same sex, though a couple may apply to share a double-occupancy room. Policies

1. Upkeep of the rooms is the responsibility of the occupants.

2. Residents are liable for the damage to rooms beyond normal wear and tear, Each resident is responsible for the conduct of visitors he or she allows into the residence hall, and assumes full responsibility for any damage.

3. The College cannot assume any responsibility for loss or damage to personal property.

4. No overnight guests are allowed without the written permission of the Director of Student Services.

5. All residents are expected to honor other residents' rights to privacy and to peaceful and quiet use of the facility. Loud partles, activities which disturb residents, or abuse of visiting privileges are considered grounds for dismissal from the facility with no refund.

6. Holbrook House is a non-smoking facility. No smoking is permitted inside the building. Please return this form, with \$60 deposit to Maine Summer Institute in Graphic Design Maine College of Art 97 Spring Street Portland, ME 04101 Student

Date
In signing, this document the student agrees to comply with all politiles and procedures outlined within when accepting a room assignment in the College facilities. Maine College of Art reserves the right to alter these policies when change is necessary and appropriate. A student's failure to comply with the policies outlined below may result in the student's removal from the residence hall or in a lesser penalty.

iancia Aid Application				1998 Maine Summe in Graphic Des Maine College July 20 – Augu	ign of Art
1 Name first	middle		last	2 Telephone	
3 Mailing address				4 Country of citiz	enship
5 Birthdate				6 Male/Female	
6 Student Status Please answer the fo	llowing:	Yes	٧o		
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Are you a veteran of the U.S. armed for					
Are you a ward of the court or are both Do you have legal dependents (other the		_			
If you are married, or if you answered yo				elated to your parents blank	
8 Number of family members (include ye	buiseii, spouse, and ou				Litolli your)
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Eligibility

- Participation in the program is open to:

 1) professional designers and educators 2) graduate students
- 3) undergraduate graphic design majors

Enrollment in any workshop is limited to

Credit
Three credits are awarded for the complete program. Work satisfactorily completed for each five-day workshop session earns one credit. Maine College of Art is accredited by the New England Association of Schools and Colleges and by the National Association of Schools of Art and Dealing His the reconstitution. Schools of Art and Design. It is the responsi-bility of the individual participant to ensure acceptance of this credit by his or her home

Tuition

Housing Is available In Maine College of Art's
Holbrock House, a modest dormitory house with
communal kitchen facilities, two blocks from the
Baxter Bullding studios. Double occupancy
rooms are \$465 for three weeks, \$350 for two
consecutive weeks and \$195 for one week. A
few single occupancy rooms are \$620 for three
weeks, \$455 for two consecutive weeks and
\$245 for one week. There is a \$60 room deposit
required for each application which is non-\$245 for one week. There is a \$60 room deposit required for each application which is non-refundable after July 1. To request housing, fill out and return the housing application form. For those who wish to arrange housing Independantly, Portland Visitor Information lists accomlations at 207 772-5800.

2) Include a typewritten list of work submitted.

3) All application materials must be enclosed in the carousel box along with return address and correct postage stamps to cover priority or parcel post rates (please specify). Maine College of At cannot be responsible for the transportation and safekeeping of sildes submitted.

Financial Aid
Limited institutional financial aid is available from Maine College of Art to students demonstrating ability and need. All students seeking ald must complete a financial aid form, which must be received at MECA by May 8, 1998. Accepted students will be notified of financial aid decisions

4) A non-refundable application fee of \$30 in a check or money order payable to Maine College of Art.

5) If you are requesting housing, include a housing application form along with a \$60 room deposit. by June 5, 1998

Full payment of all tuition and fees is due on or before July 1, 1998.

Refund Policy 100% of tuition charges will be refunded for withdrawal from the Institute before July 1 and 50% refunded for withdrawal between July 1 and July 20. No refunds will be made after July 20 The application fee is non-refundable. All withdrawal requests must be made in writing to Director of Continuing Studies, Maine College of Art. 97 Spring Street, Portland, ME, 04101, withdraw or modify the courses or to change

Some basic, consumable art supplies will be pro-vided, although participants will receive a supply list in early July for specific supplies necessary to bring Supply runs are easily made during the workshops, art stores are within walking distance

Administration

Margo Halverson, Institute Director Maria Gallace, Director of Continuing Studies

Admission

Tuition for the complete three-week Institute is
\$1,800. Weekly session tuition is \$650. There is
a \$30 non-refundable application fee for each
application.

Admission
Admission
Admission is based upon a slide portfolio
review. Application for admission is made only
on the enclosed form (photocopies accepted)
which should be entirely completed and accompanied by the following:

1) A minimum of 10, no more than 20 mounted

6) If you are seeking financial assistance, include a financial ald application form.
All of the above material should be sent to arrive at Maine College of Art by May 8, 1998.
Material received after this date will be reviewed on a space-available basis; call or check our website for course availability, at http://www.meca.edu

Notification of acceptance will be mailed on or about June 5, full fees for accepted applicants are due July 1, 1998

withdraw or modify the courses or to change the instructors at any time, participants will be notified in advance

Send application materials to:

Maine Summer Institute in Graphic Design Maine College of Art 97 Spring Street Portland, Maine 04101 207 775.3052 800 639 4808





Wolfgang Weingart July 20 - 24 Hans-Ulrich Allemann July 27 - 31 Lucille Tenaxas August 3 = 7

Maine Summer Institute in Graphic Design

July 20 — August 7

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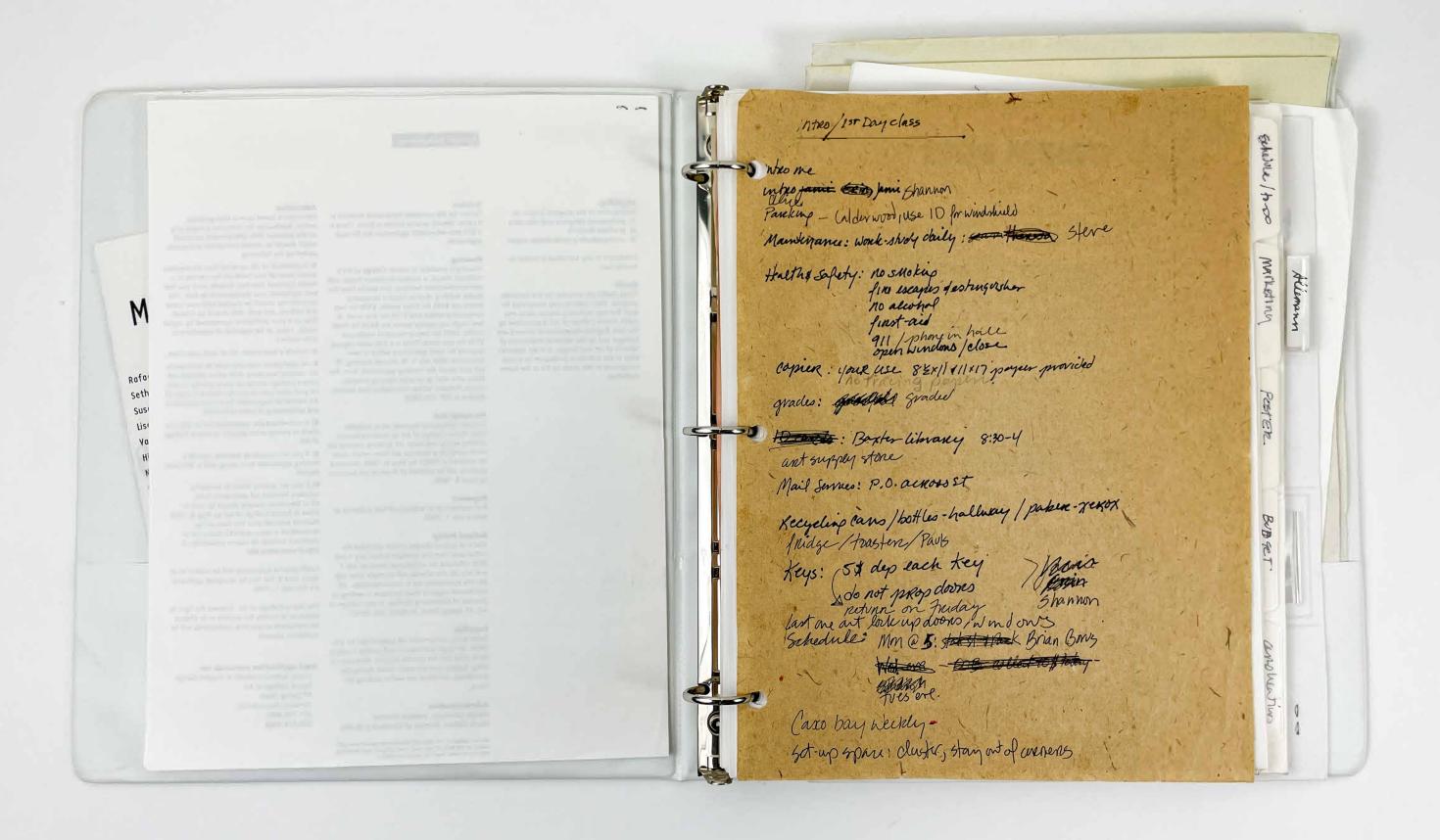
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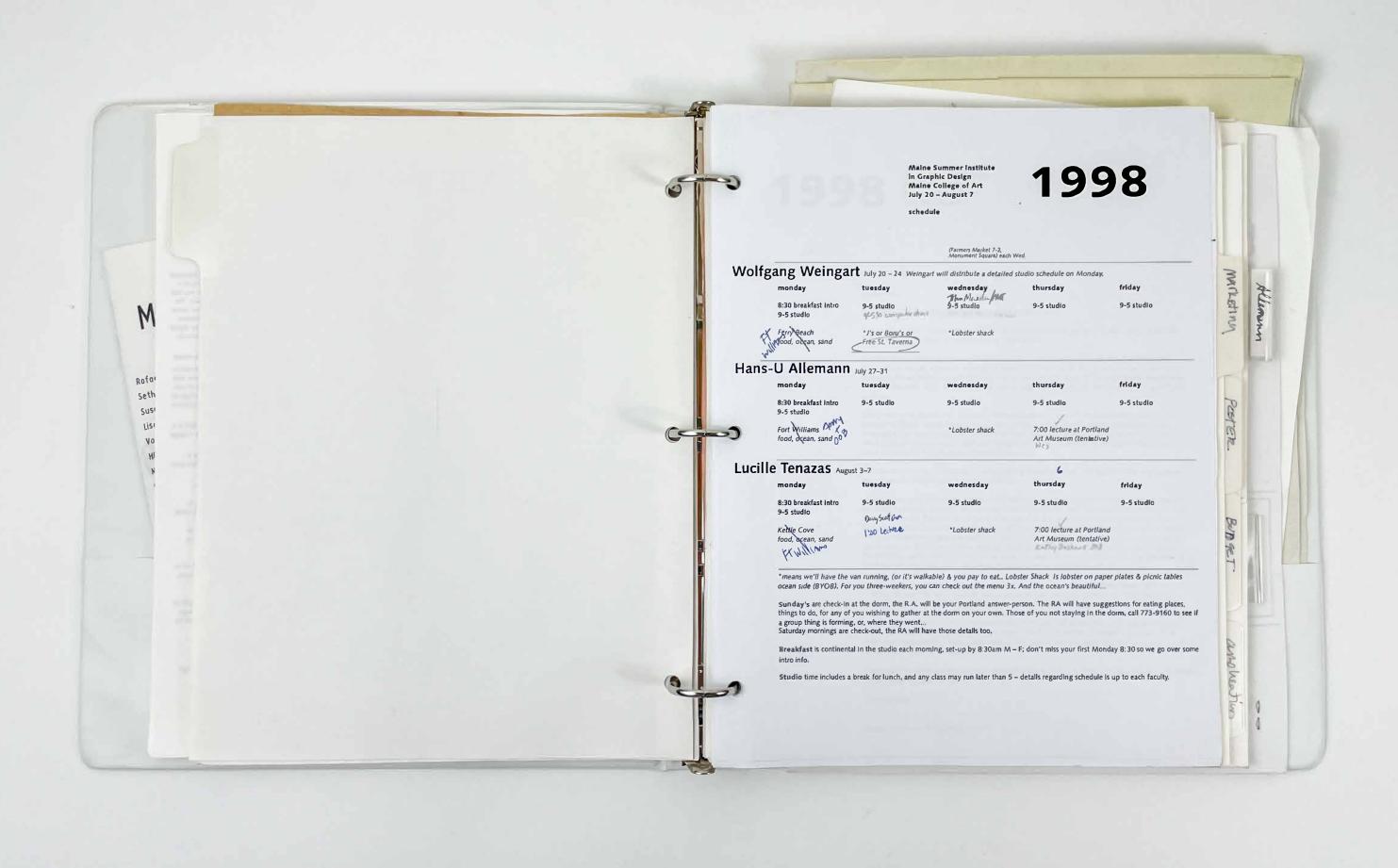
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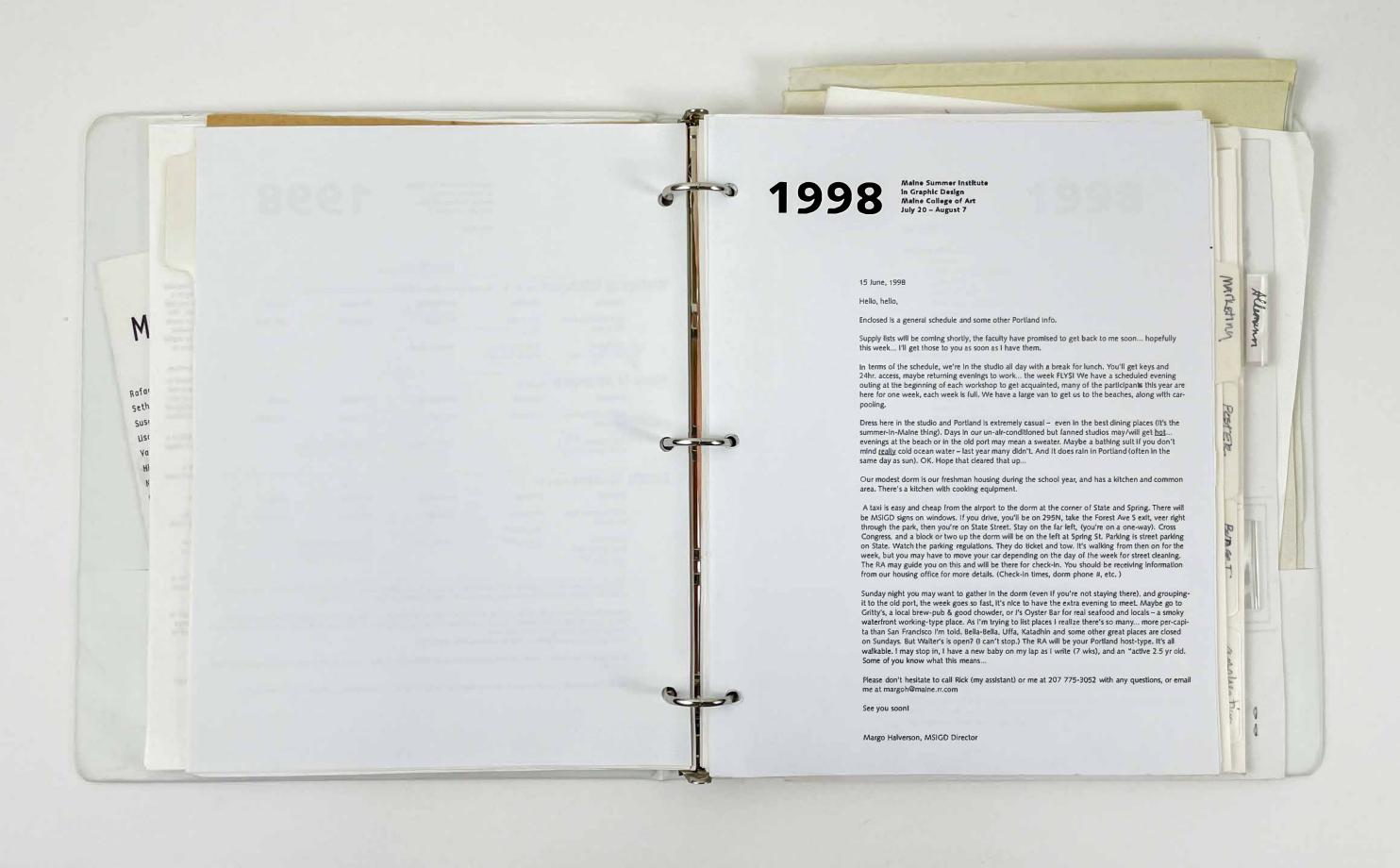
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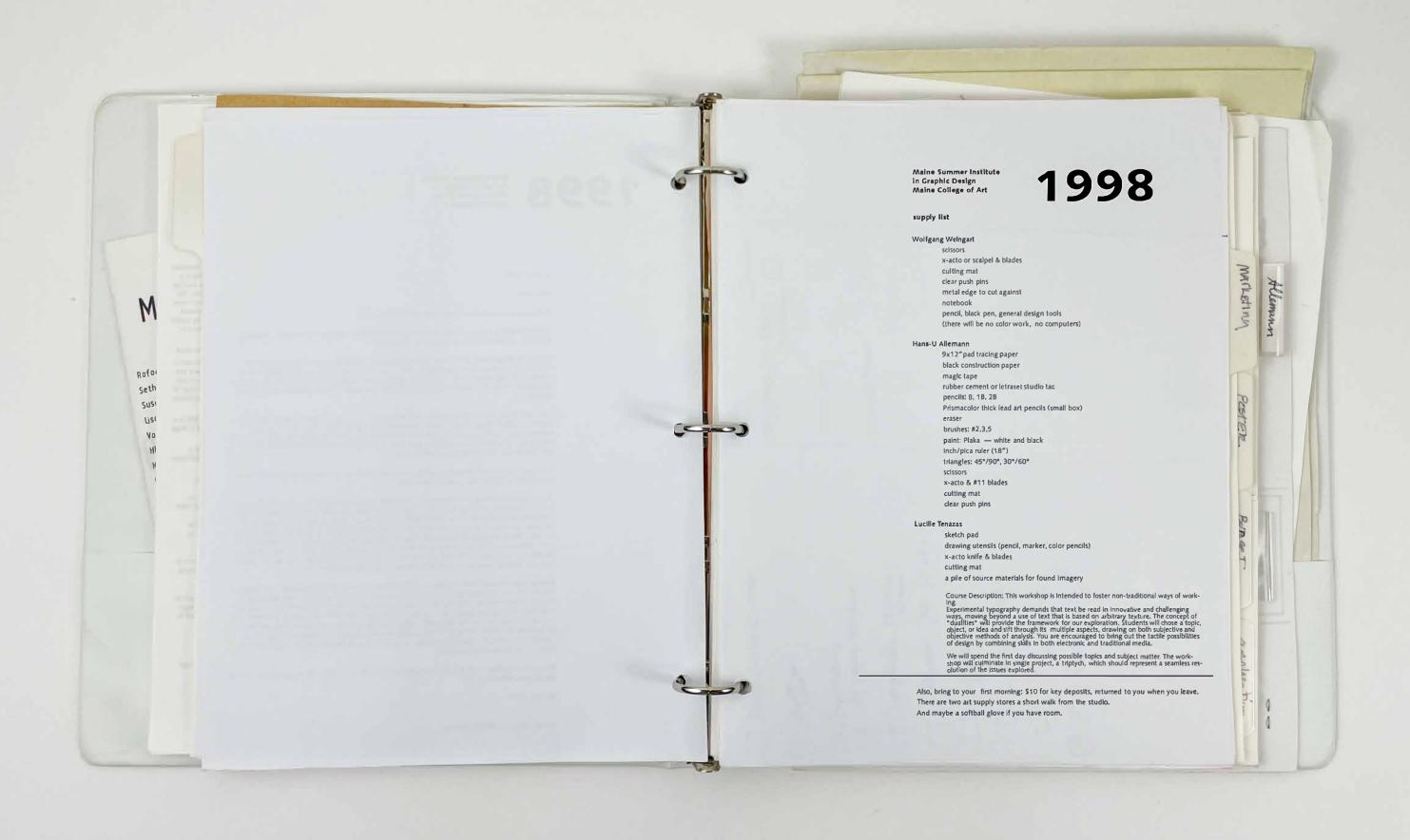


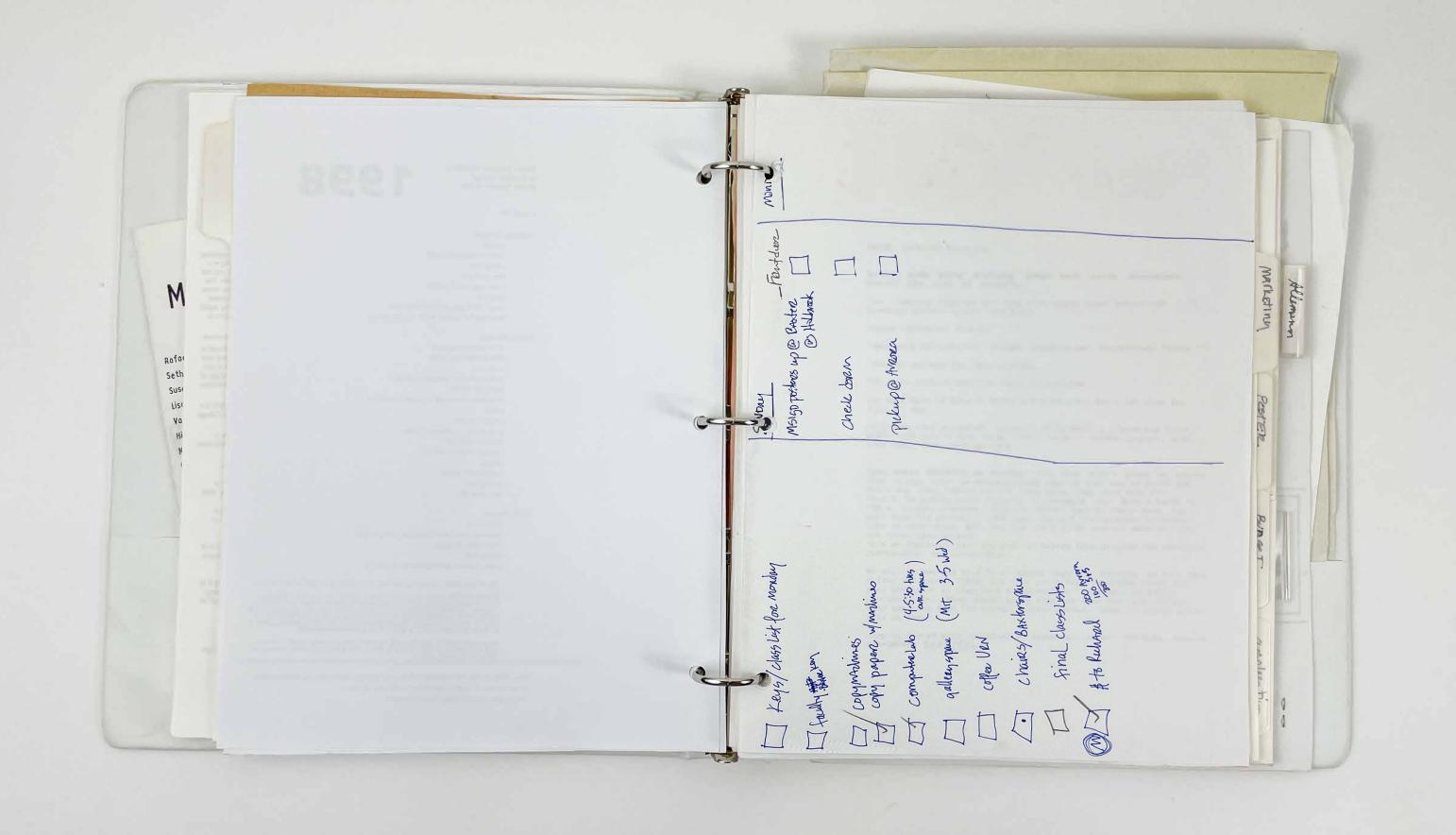
Maine College of Art

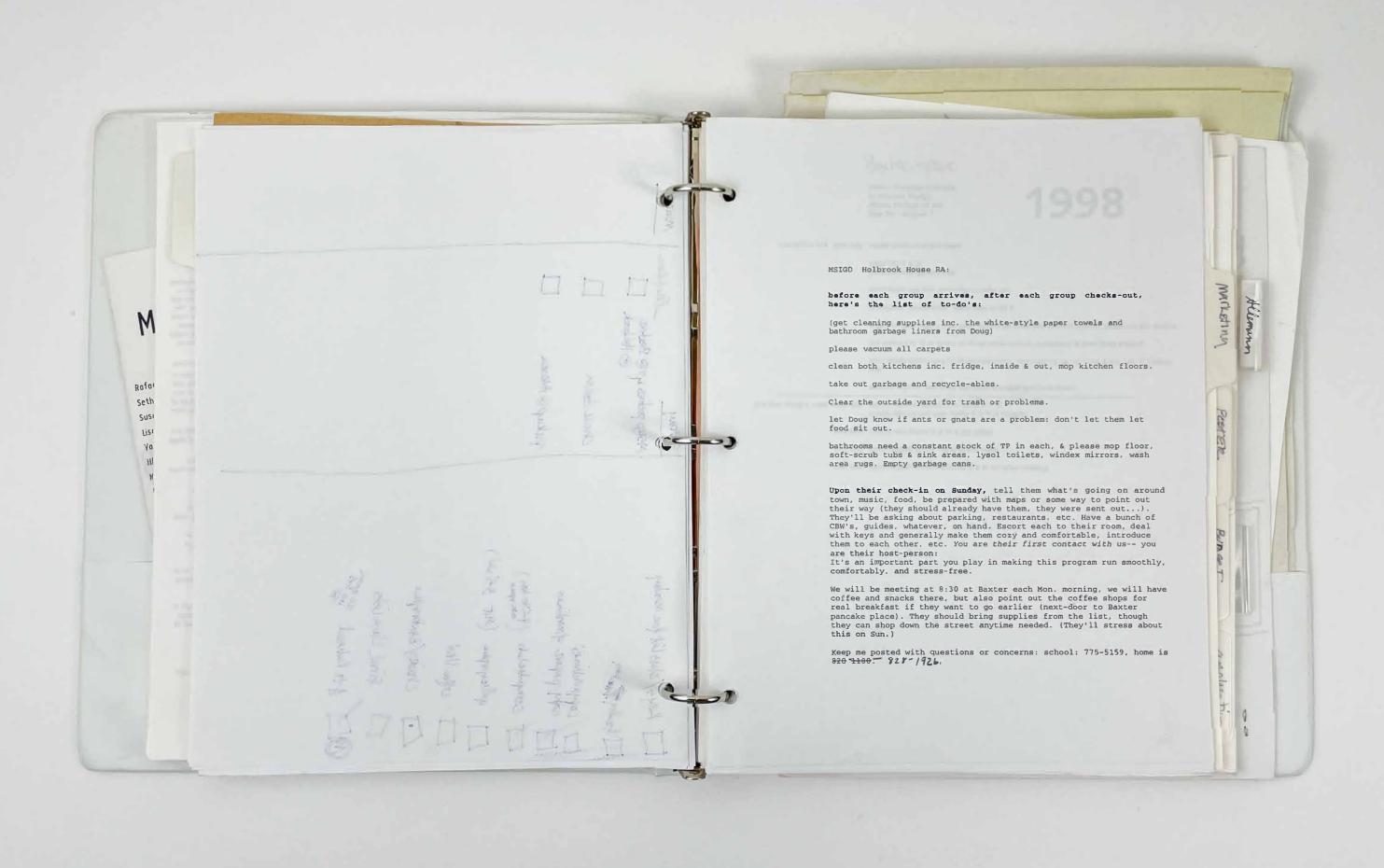


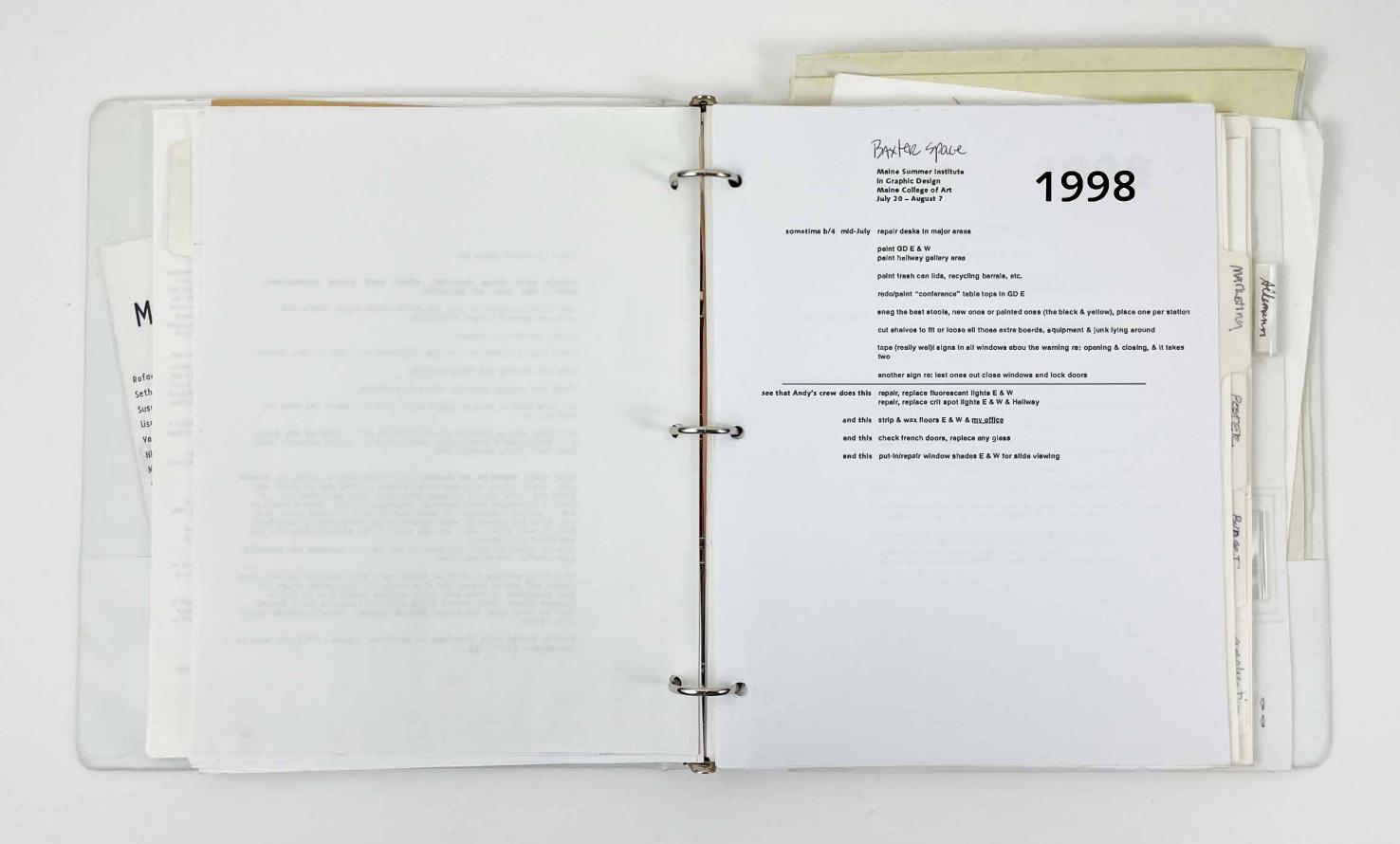


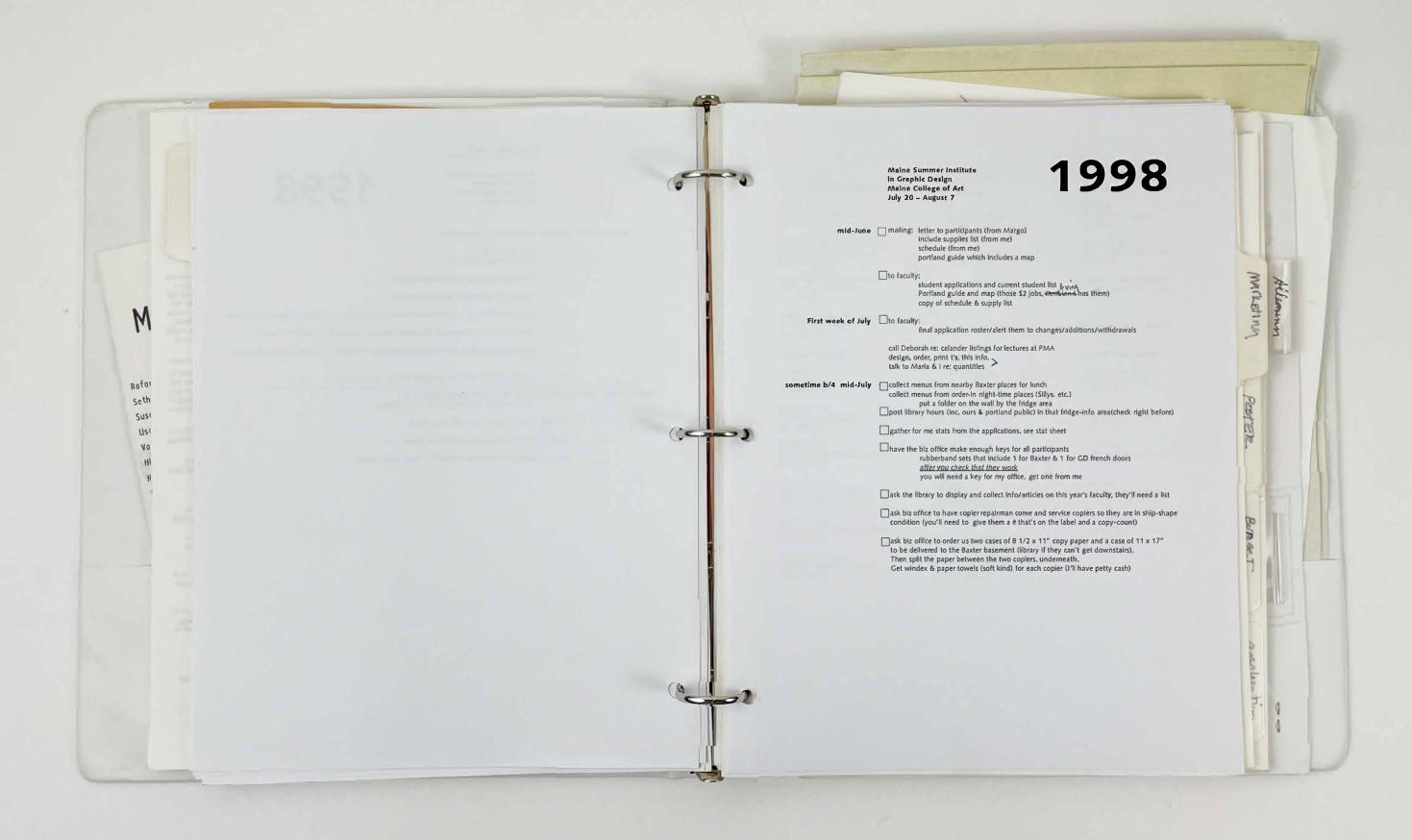


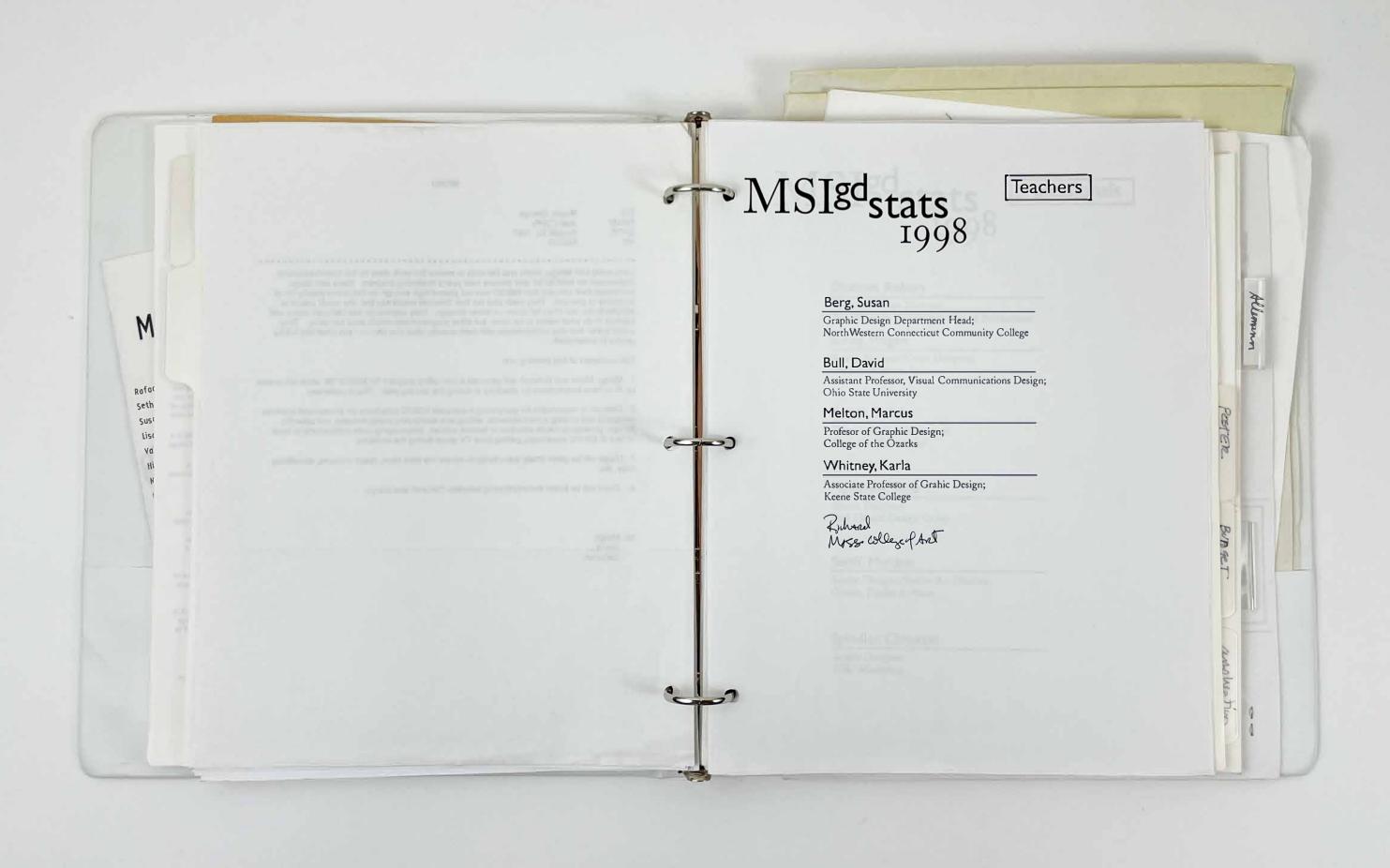


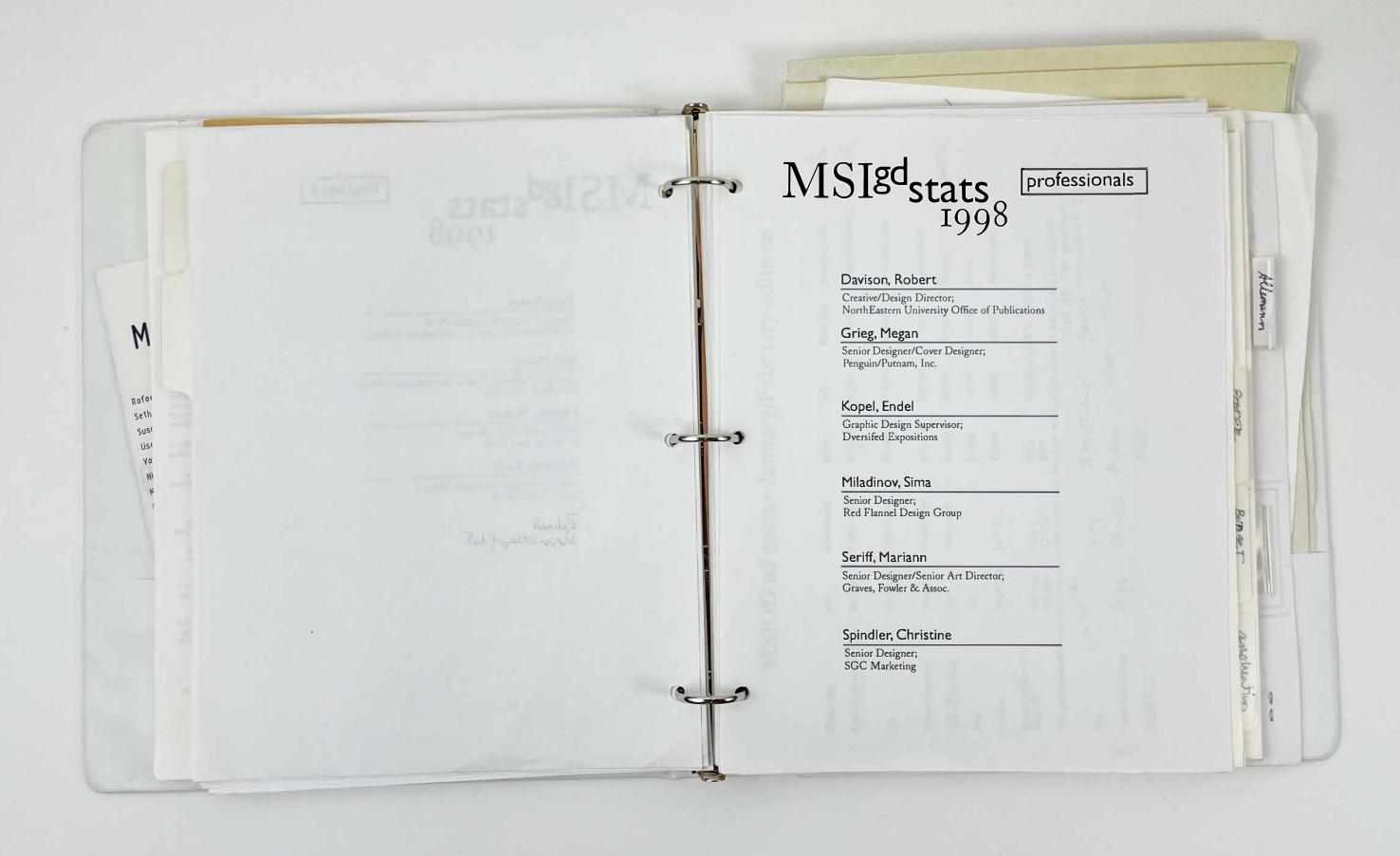






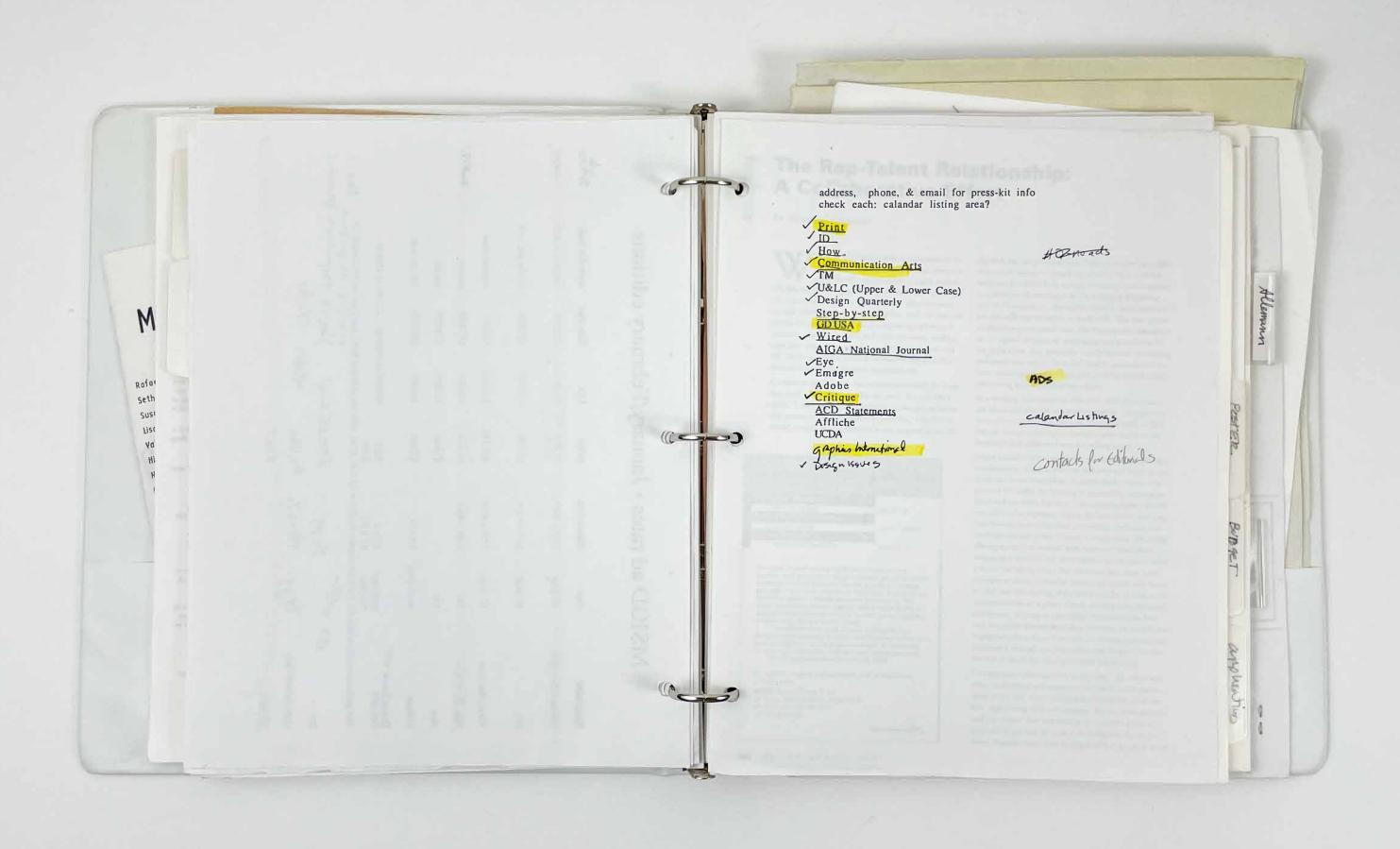


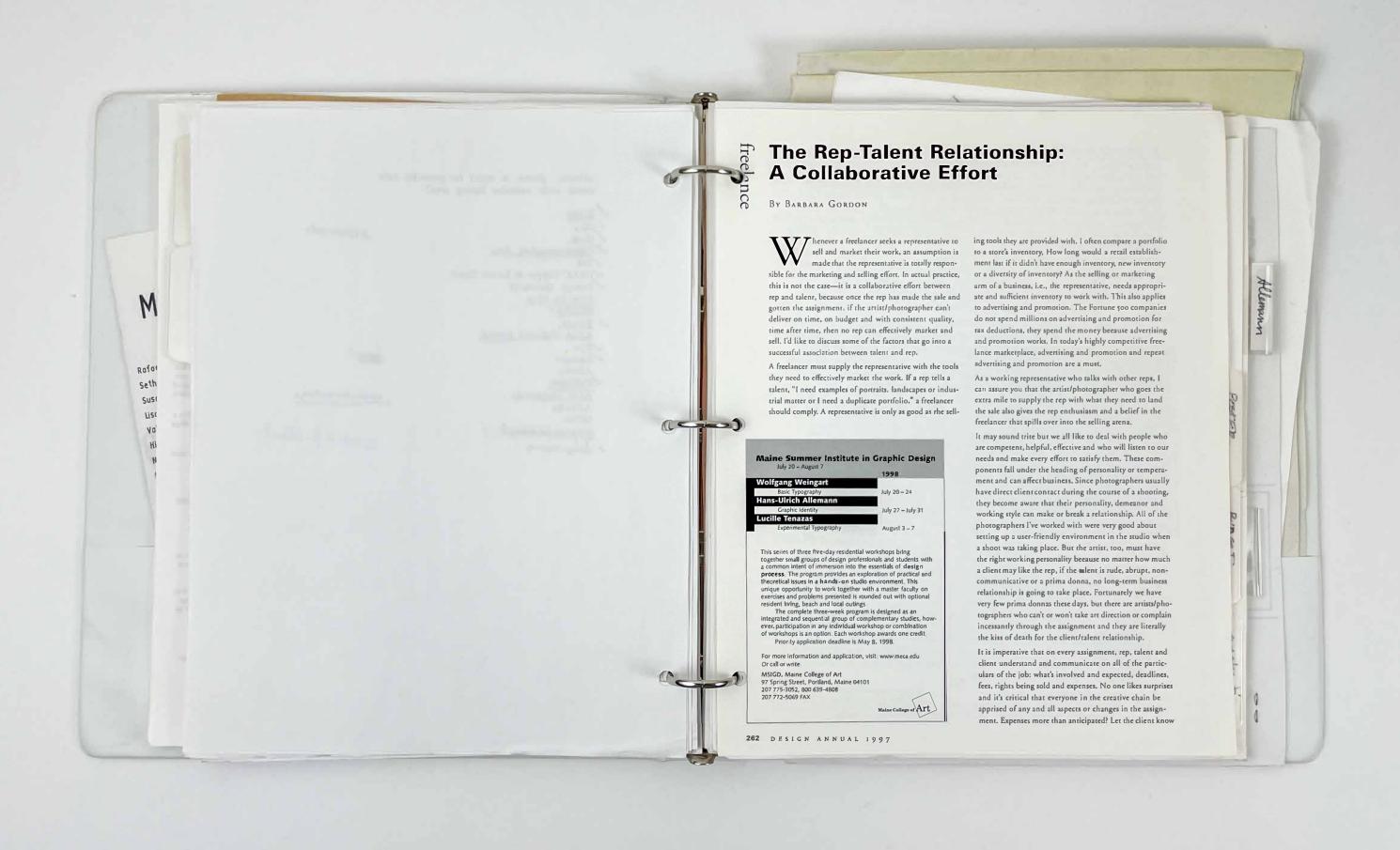


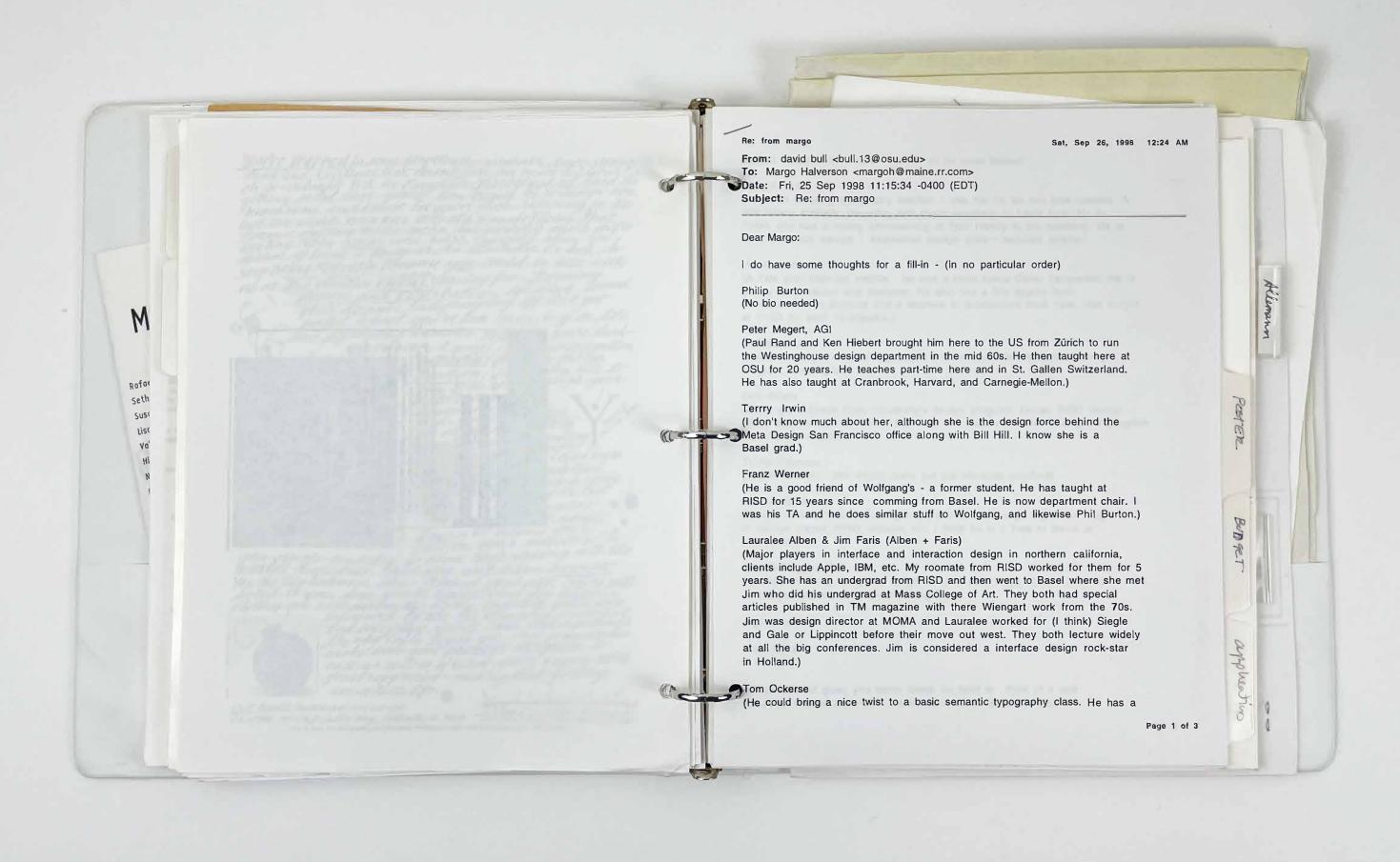


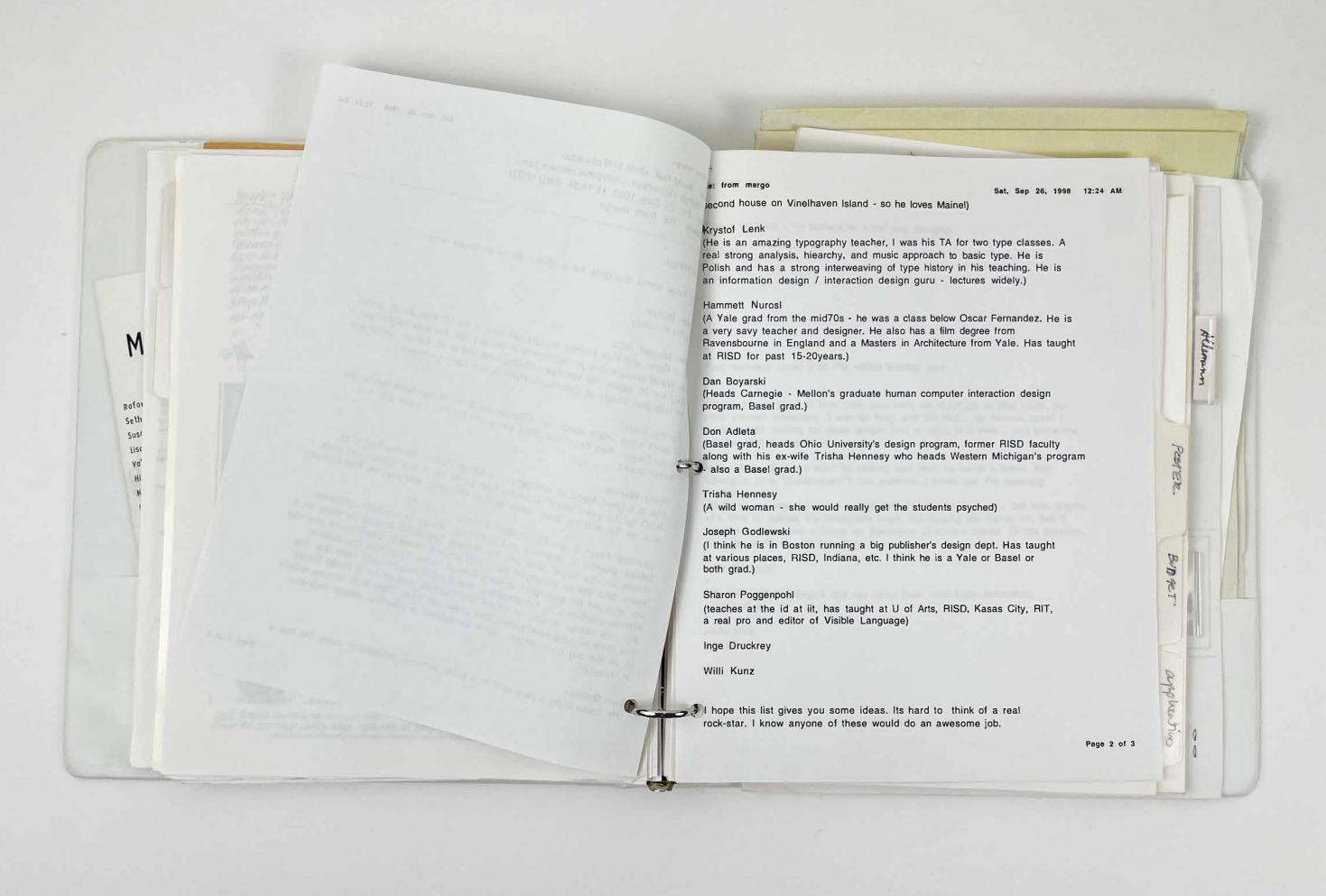
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1	Comunication Arts	1/4 page	3 3/8 x 4 3/4	\$2,695_15%	11/3/97	11/20/97	editorial decision	odio			
	I.D.	1/4 page	33/4 x 4 3/4	\$1,700	11/20/97	11/30/97	no site yet, soon				
	Wired Magazine	1/3 page	5 1/8 x 4 3/4	\$12,713!	10/27/97	11/3/97	seperate rates				
	Print Annual	1/4	3 7/8 x 43/4	\$1,290	12/5/97	12/12/97	not yet	SepTI7			
	How	1/4		\$1,060	11/7/97	11/14/97	not yet				
	Critique	single page	8.5 x 11	\$2,490	12/4/97	12/12/97	not yet, soon				
	Design Issues - WeB Fall 1997	half page full page	5.5 x 4 5.5 x 8.5	\$215 \$300	9/17/97 or 1/		97 or 1/30/99				
	This publication offers web site links, six months for \$75 or 12 mos. \$100. Web ads \$110 and \$145. Ads plus link \$125 and \$175. Dec. 1 10/25/93 to problem March 1 Eye Upper/Lower Case $1/4/99$.										
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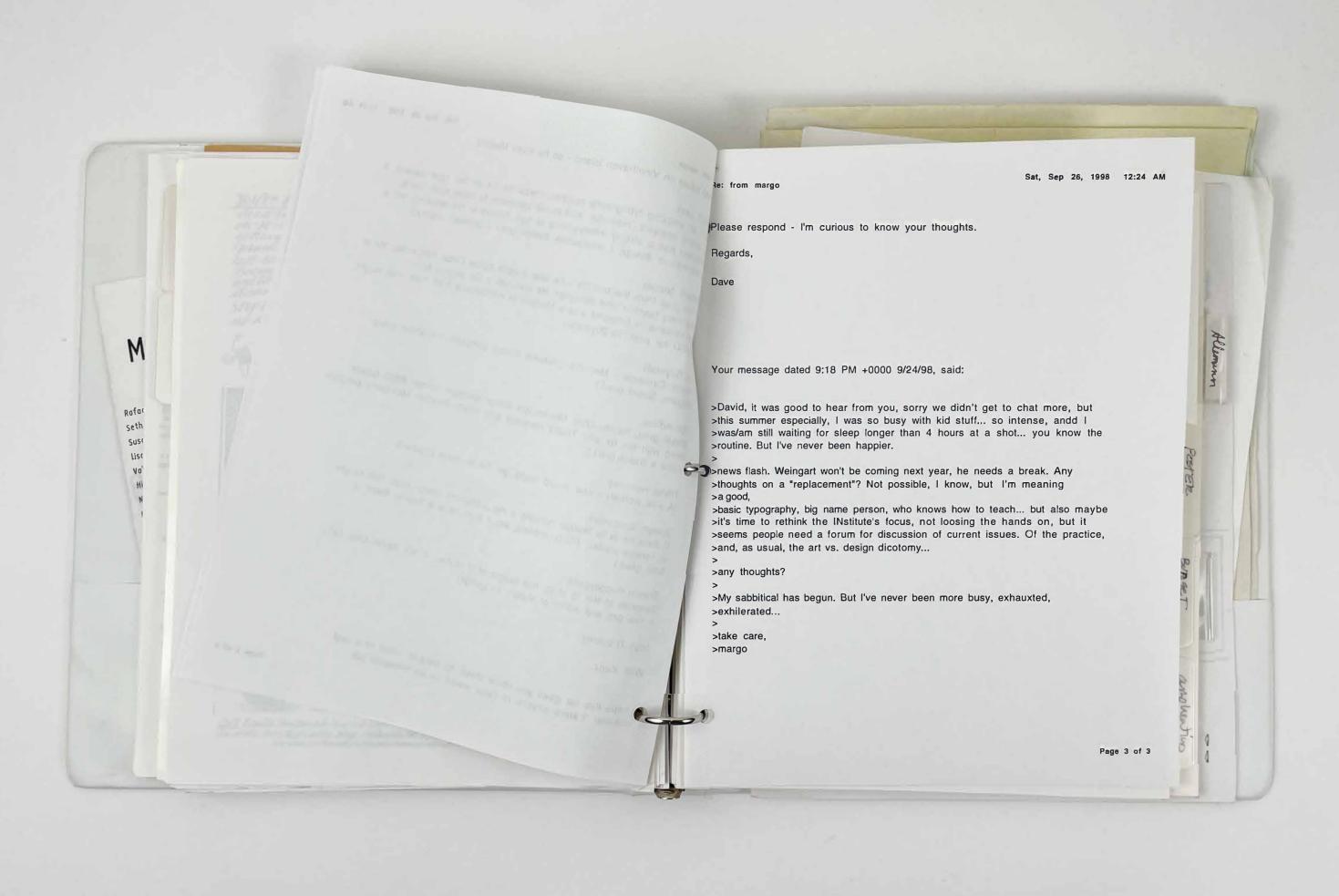
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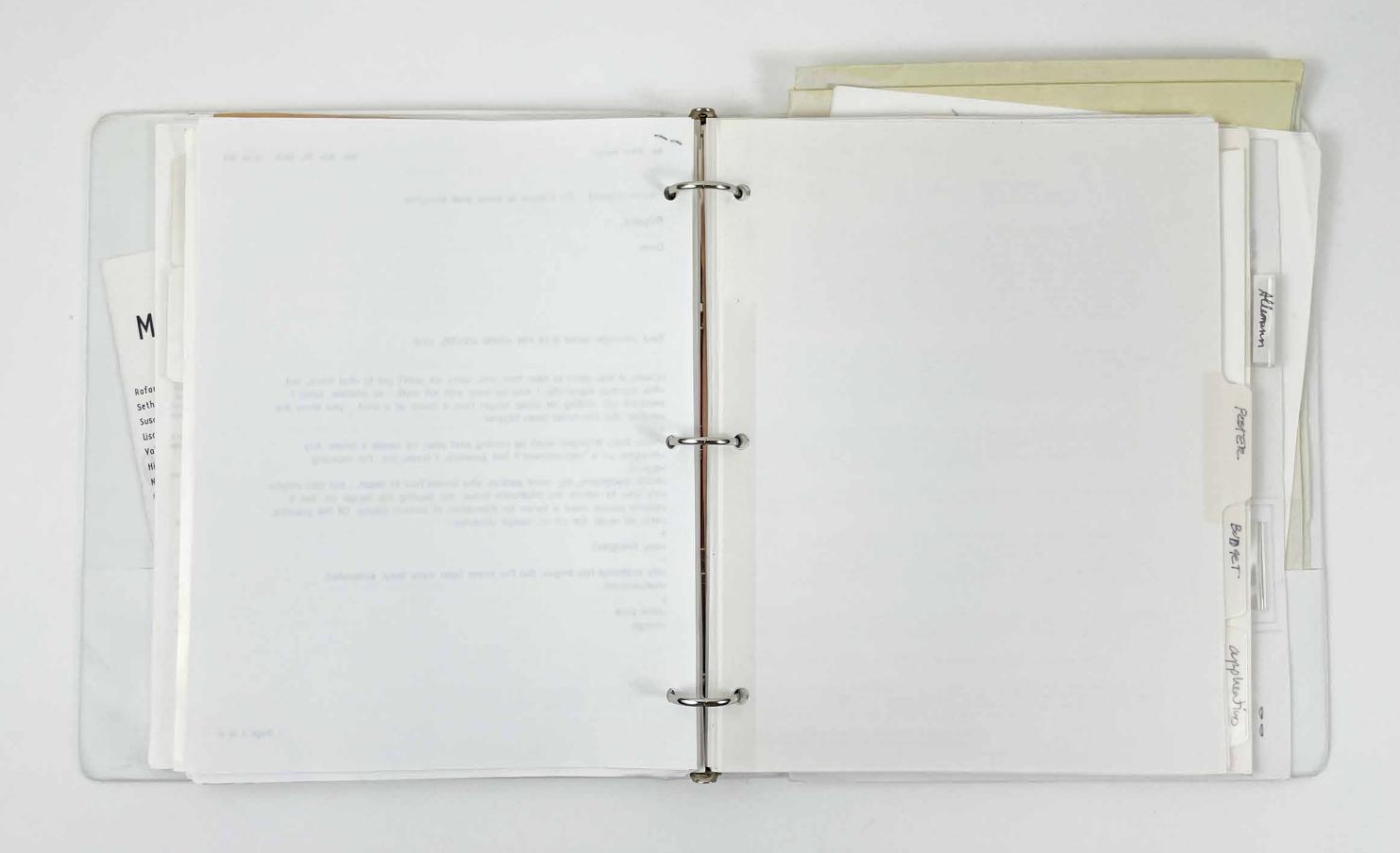


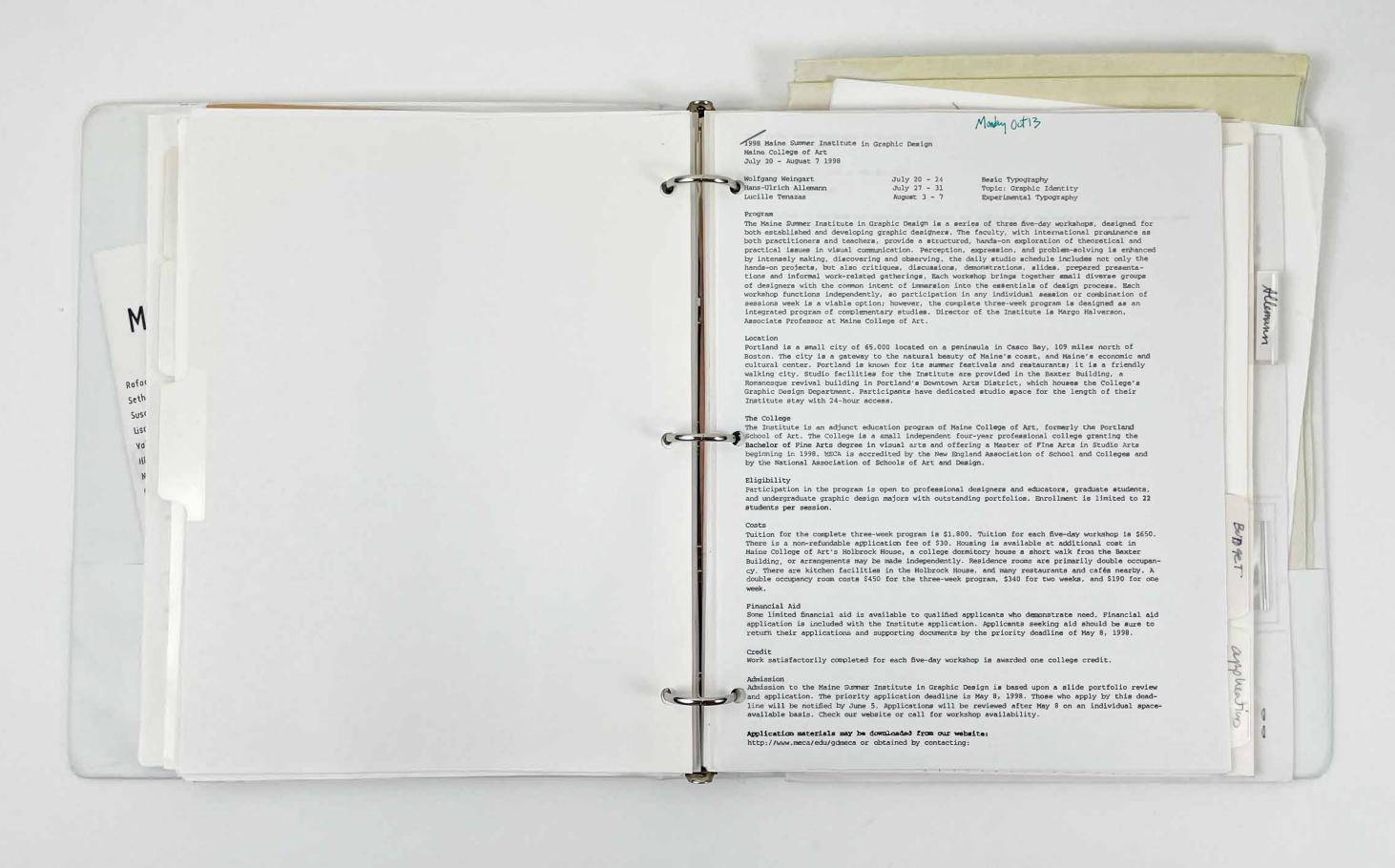


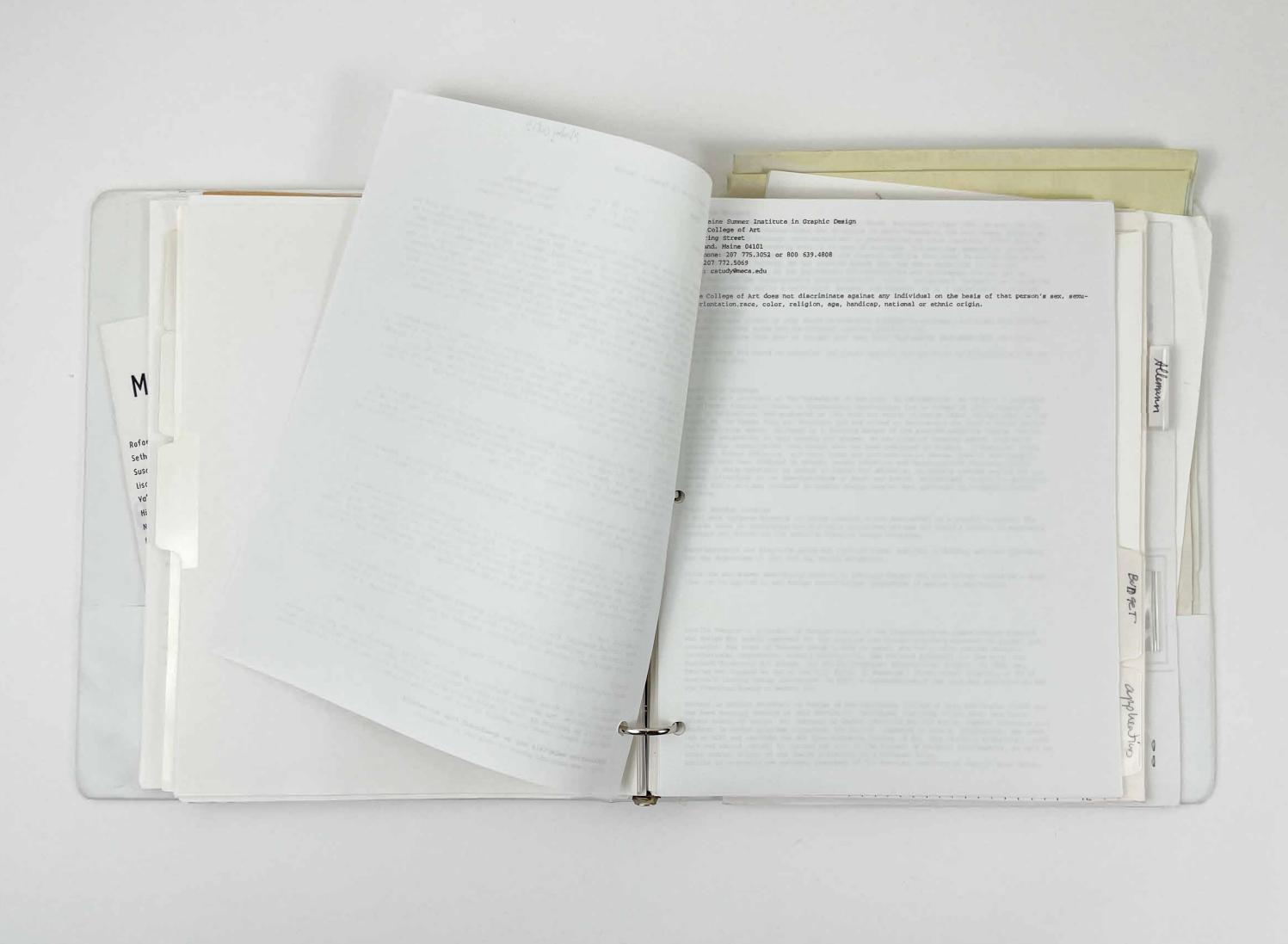




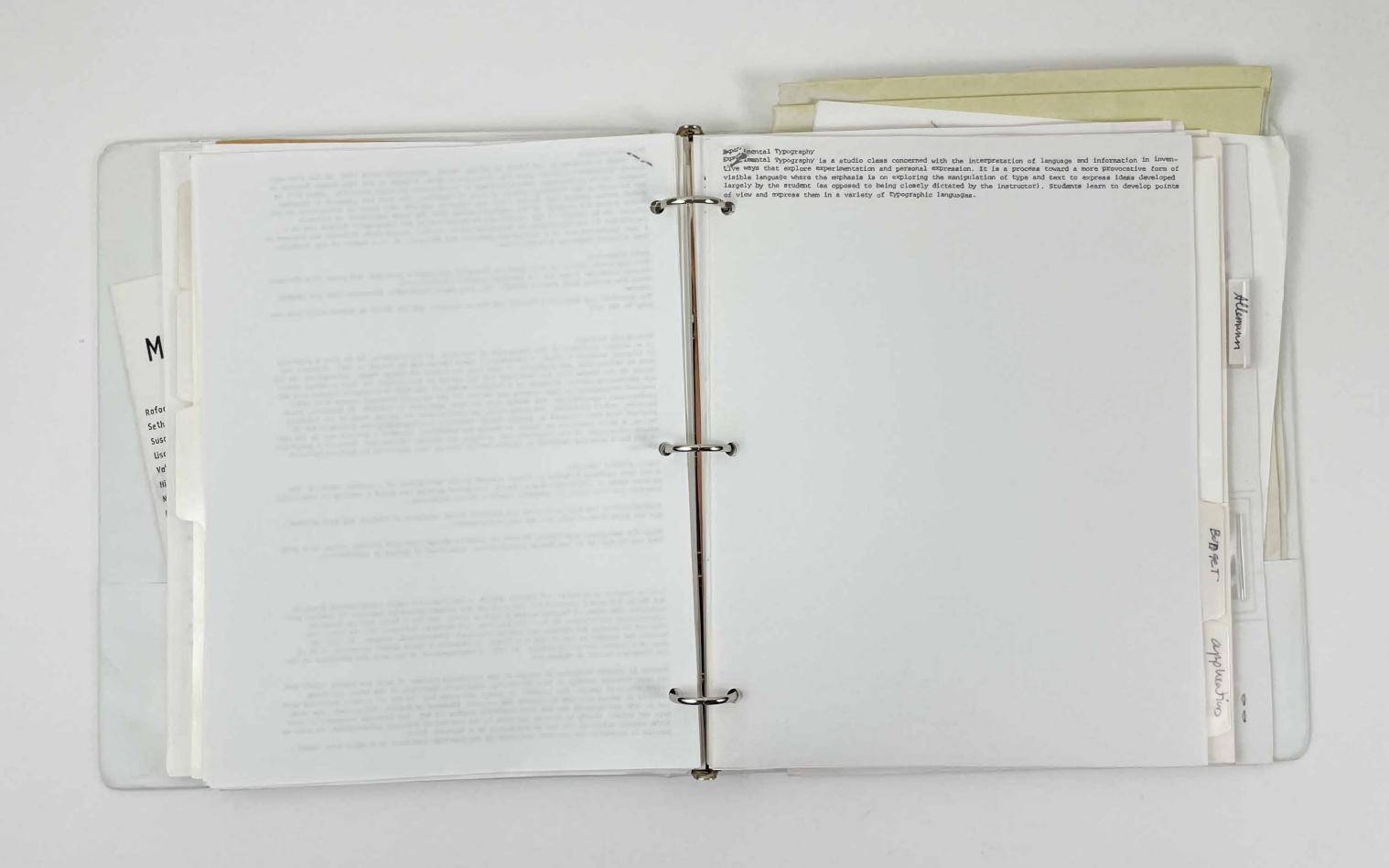


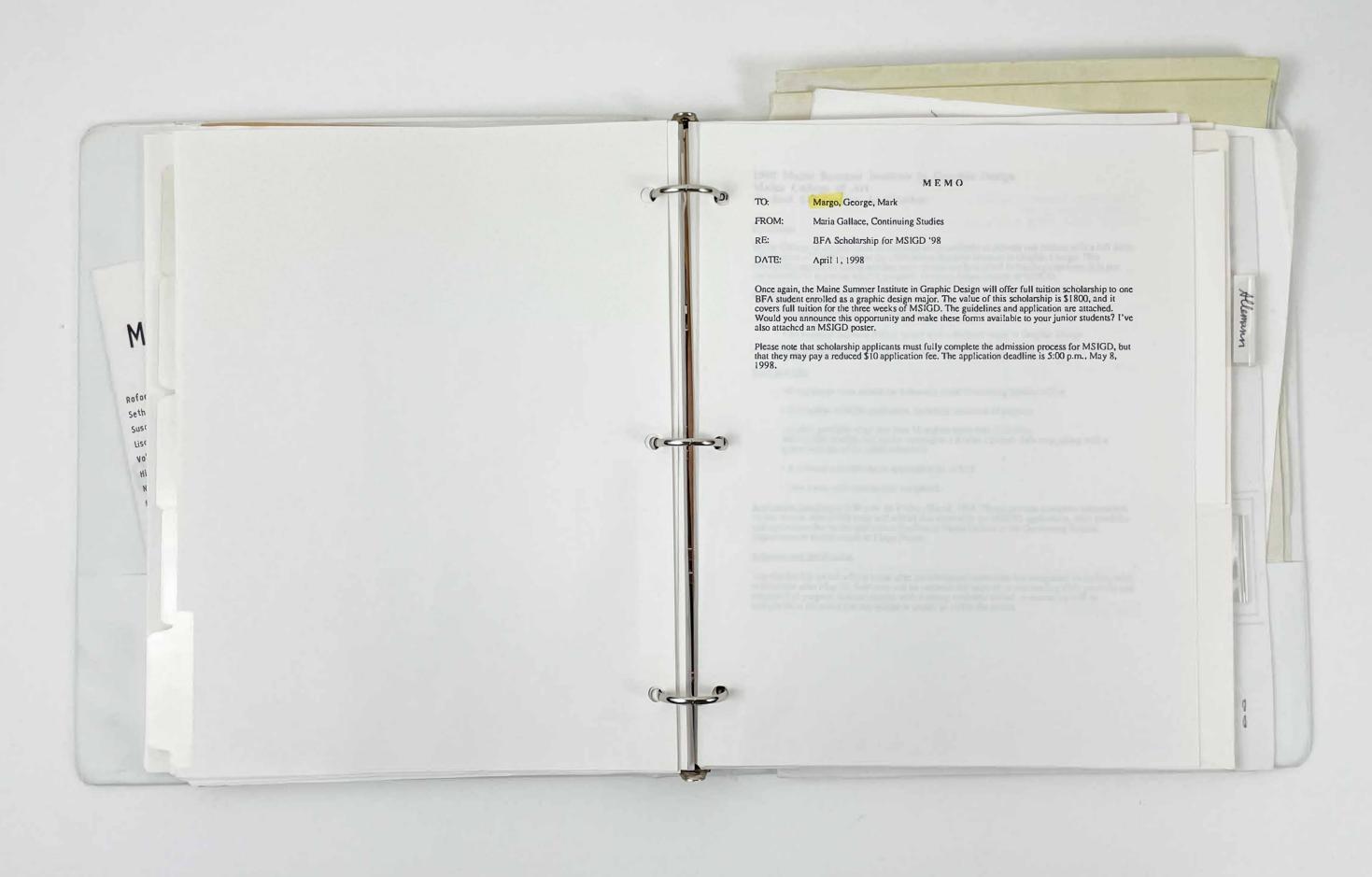


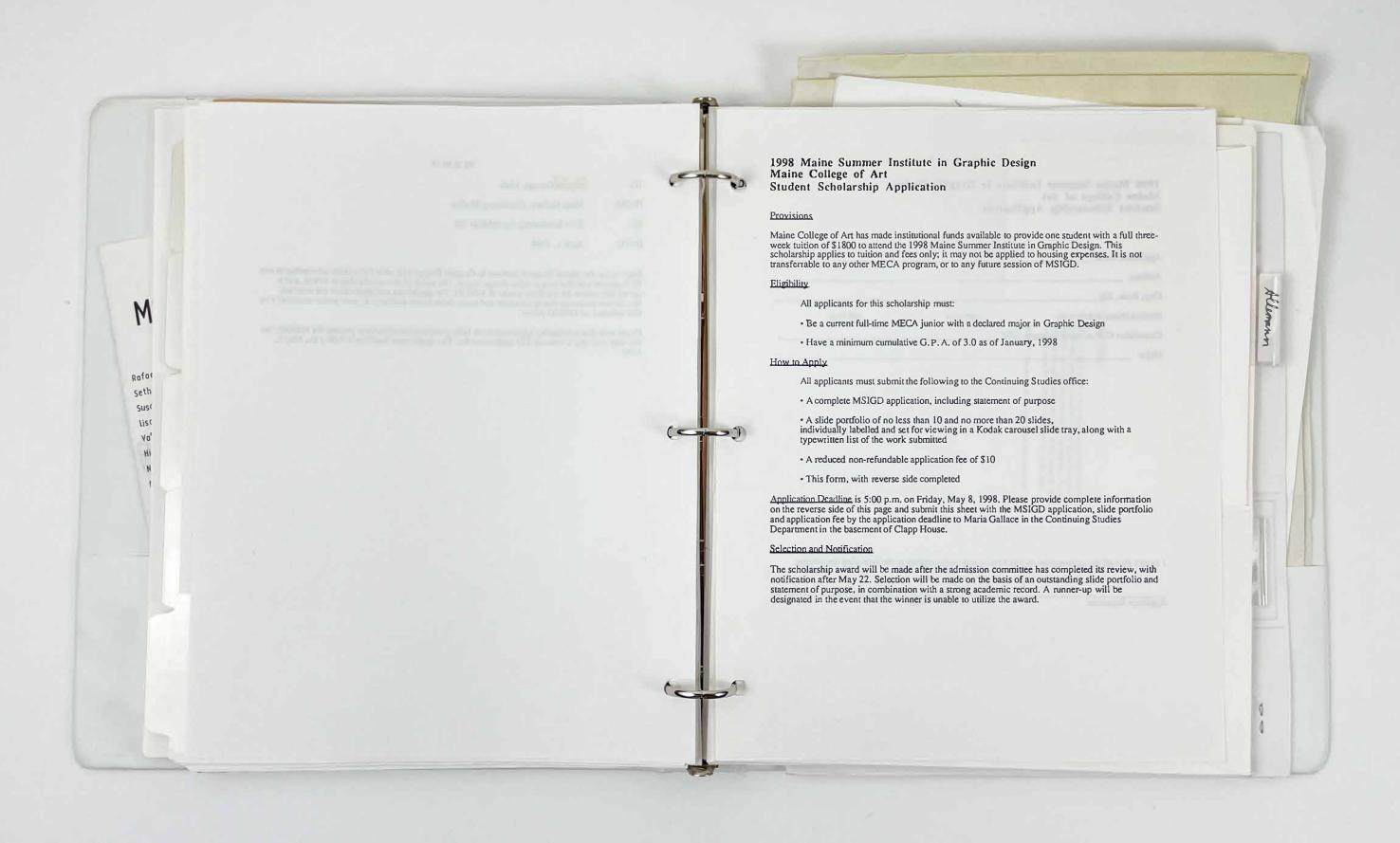










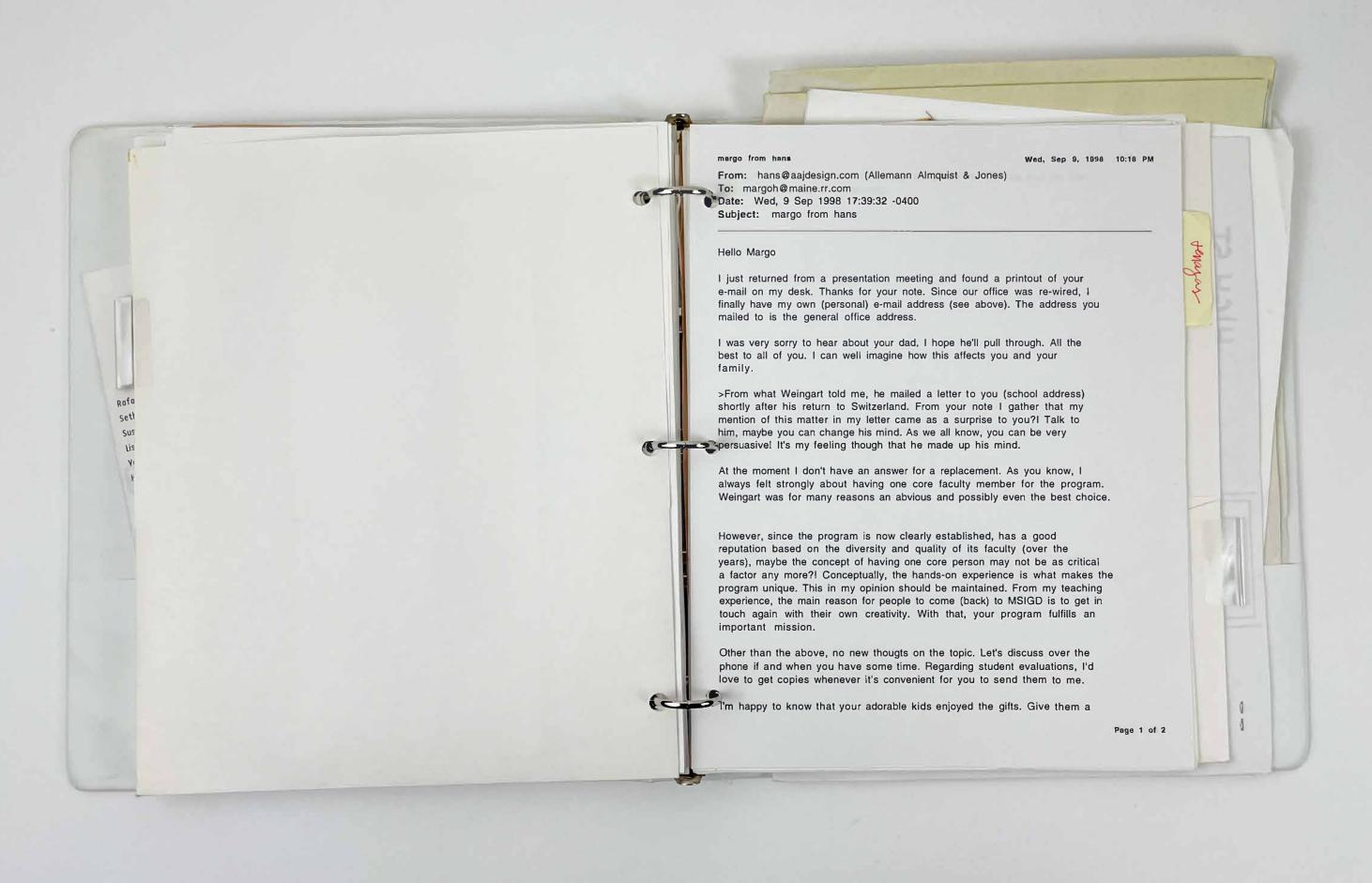


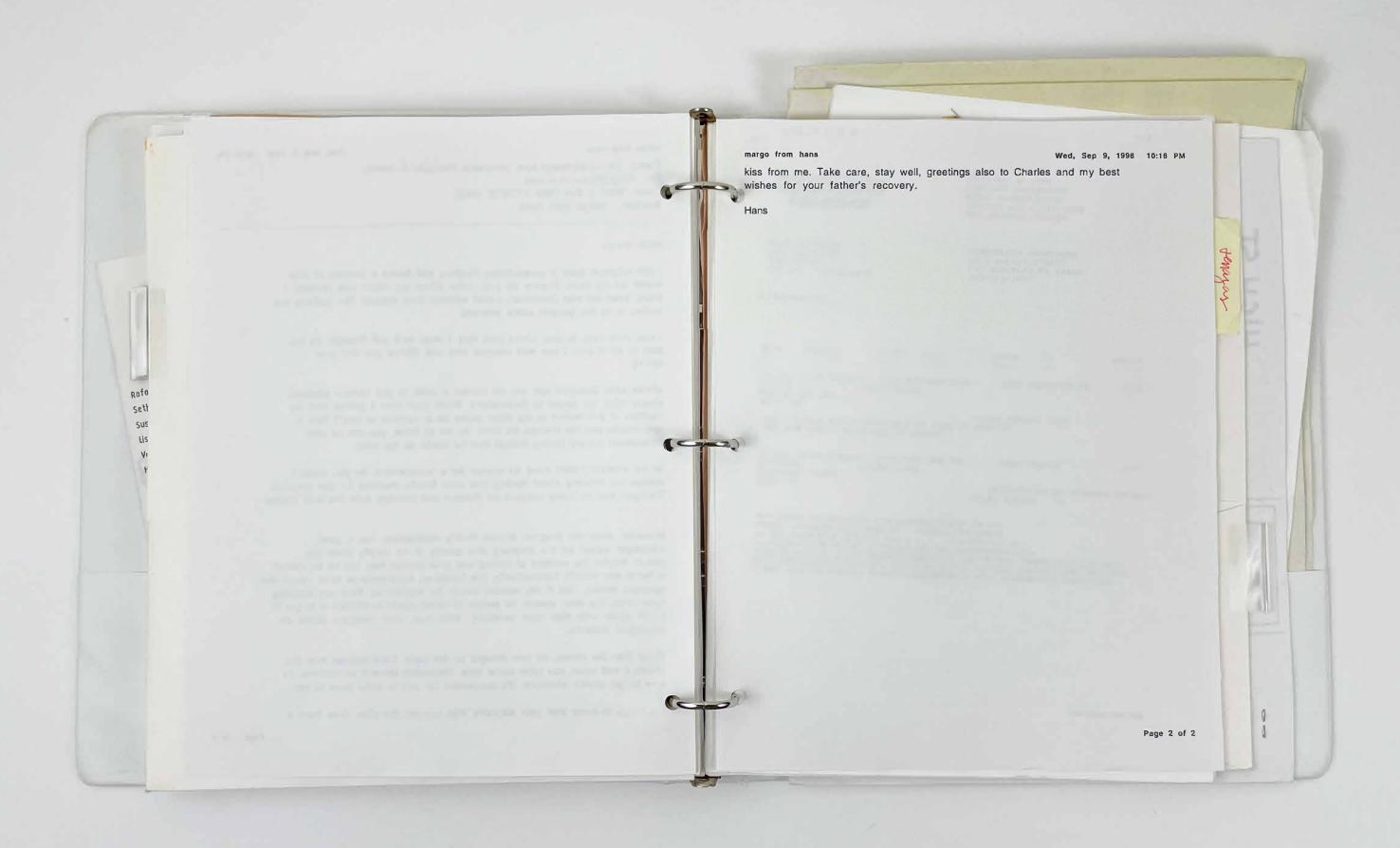
ALLEMANN ALMQUIST & JONES 1998 Maine Summer Institute in Graphic Design Maine College of Art TELEPHONE 215 829 9447 TELEFAX 215 829 1755 Student Scholarship Application 8.26.98 Applicant Name Dear Margo, Address _ I'm back again after a very relaxing and rejouvenating three week vacation in the Swiss mountains. What a wonderful surprise to find your letter and all the photographs among the mail that had accumulated in my absence. Thank you very much. The pictures certainly brought back memories of this intense, eventful, exhausting but ultimately fulfilling week in Portland. I enjoyed it a great deal. City, State, Zip. M Student Status (circle one) (JoMac) part-time Cumulative G.P.A. as of January, 1998 Margo, it was good to see you again (this time with family) after all these years. It was also wonderful for me to finally meet Charles. I found it quite impressive how the two of you manage and devide labor. I'm sure it's not easy at times. Still It all felt very relaxed and natural. You're a wonderful couple and your kids are adorable! I wish you Major Rafac Seth While in Switzerland, I Invited Weingart and his wife to come hiking with me over a weekend. We had a great time together. He told me about his plan to quit teaching at Portland for a while. I tried to talk him out of the idea but without success. Clearly he enjoyed these workshop weeks over the past six years. He just feels exhausted at the moment and he needs a break. I'm sure his book project has something to do with this decision as well as some health concerns. SUSC List Aa, Enclosed, as promised, I'm sending you some Swiss toys for Jack and Cora, I hope they'll enjoy them. Congratulations again on your management of another successful summer program. I'm honered to have been part of it. Also thanks again for your generous hospitality. After all these years it felt like a homecoming for me. ALLEMANN ALMQUIST & JONES DESIGN CONSULTANTS

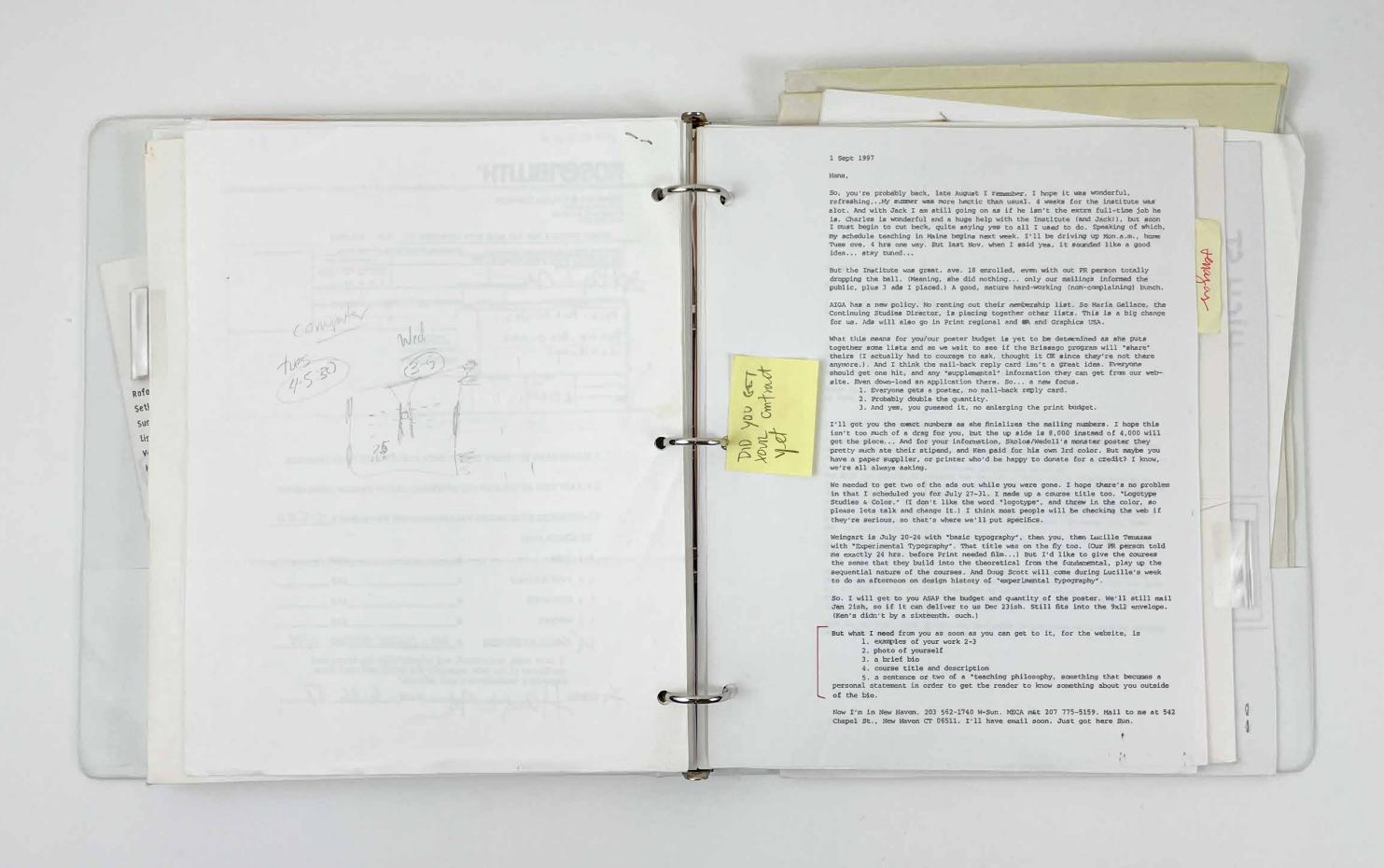
JOI CHERRY STREET 38.

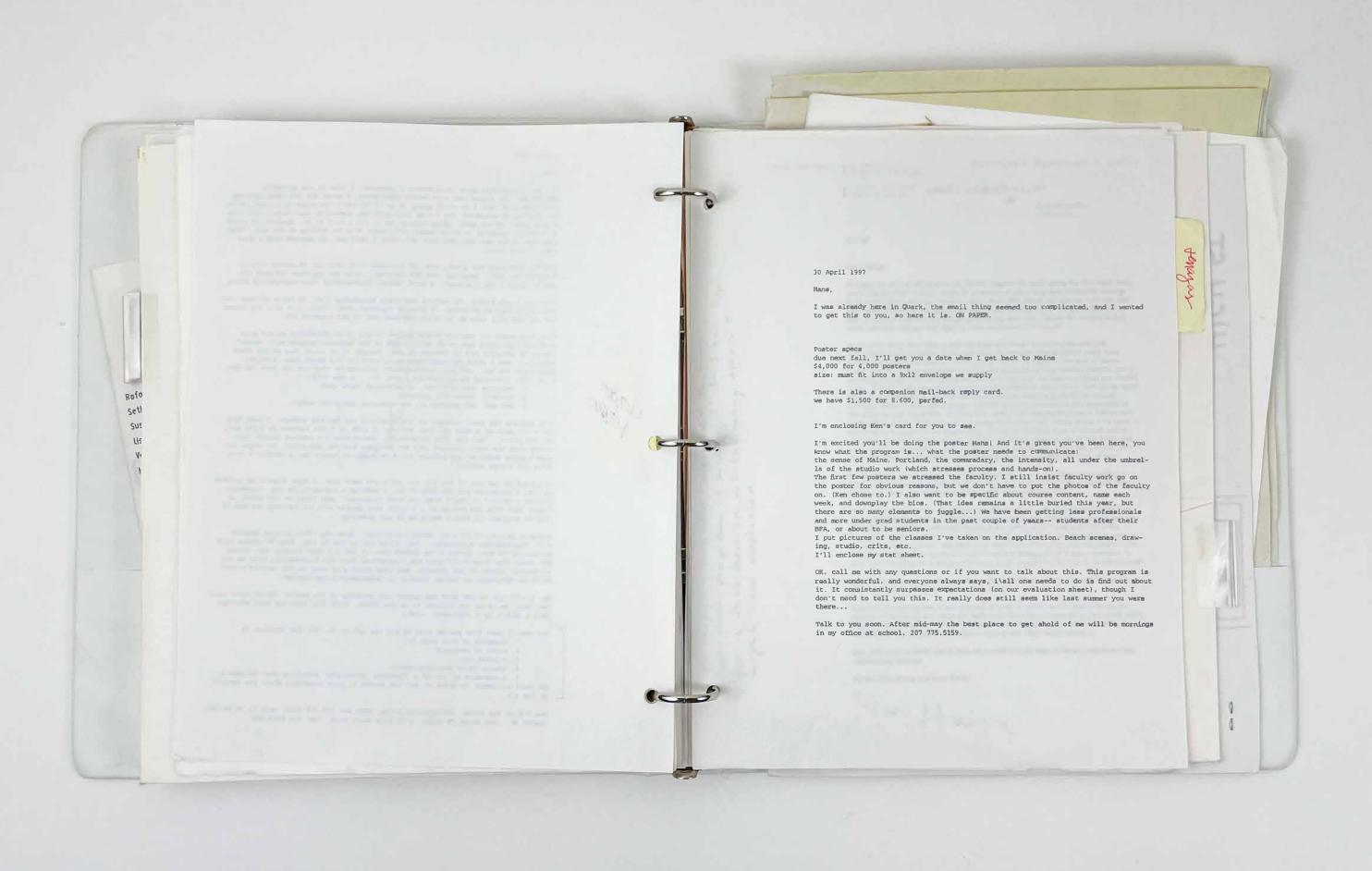
PHILADELPHIA PA 19106-1803 Now I have to get prepared and organized for another semester with seniors at the University of the Arts! From what I'm told, it's the worst class in 20 years!! Maybe I should have taken a sabbatical this year after all! 6.26. 47 Till next time. Keep in touch and I promise to do the same. My warmest wishes to you, Charles, Jack and Cora Affacted my trank into. rel. to MSIGD. I'M be

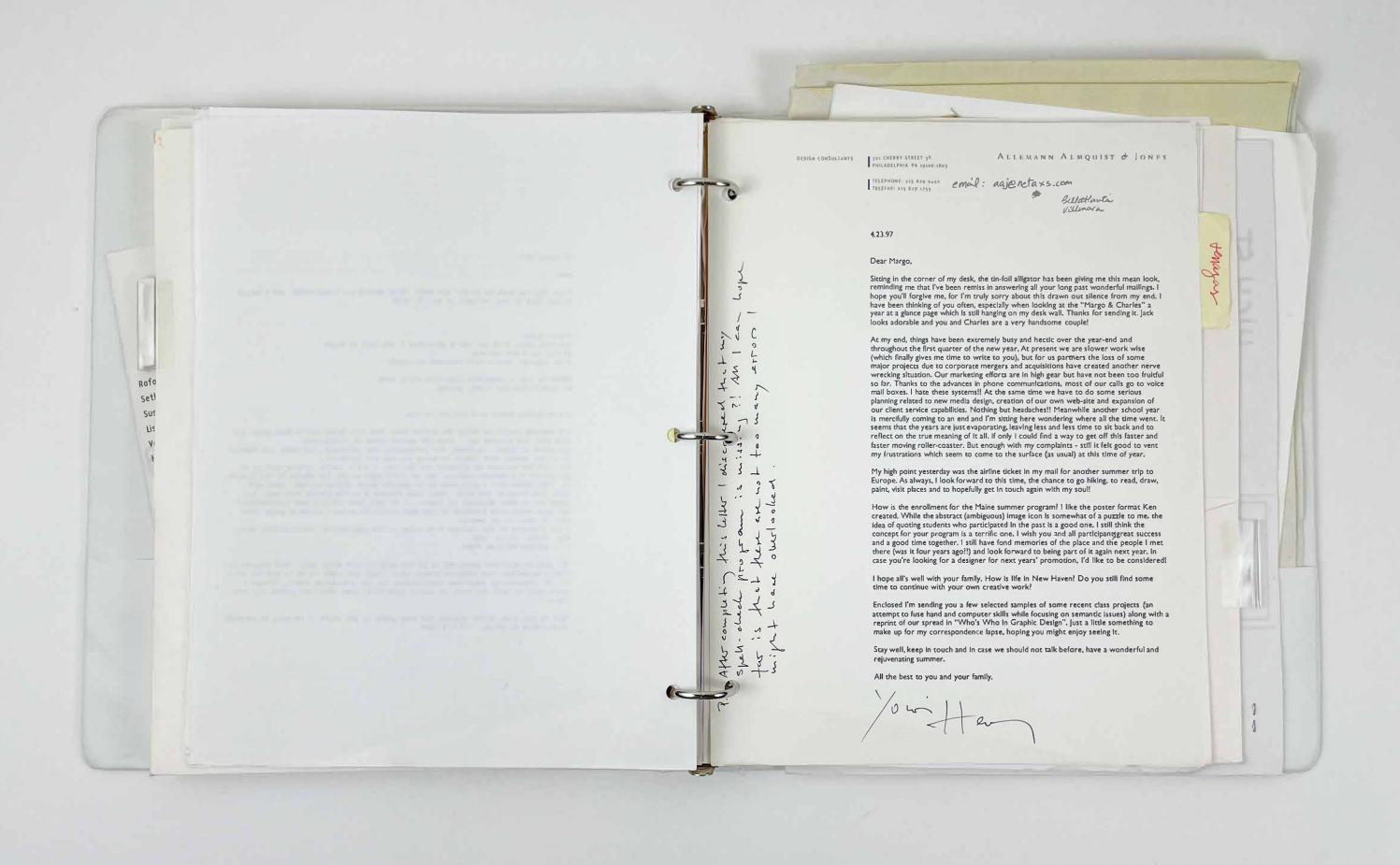
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	I certify that all the information on this form is true and complete to the best of my knowledge.			
151	Applicant Signature Date			

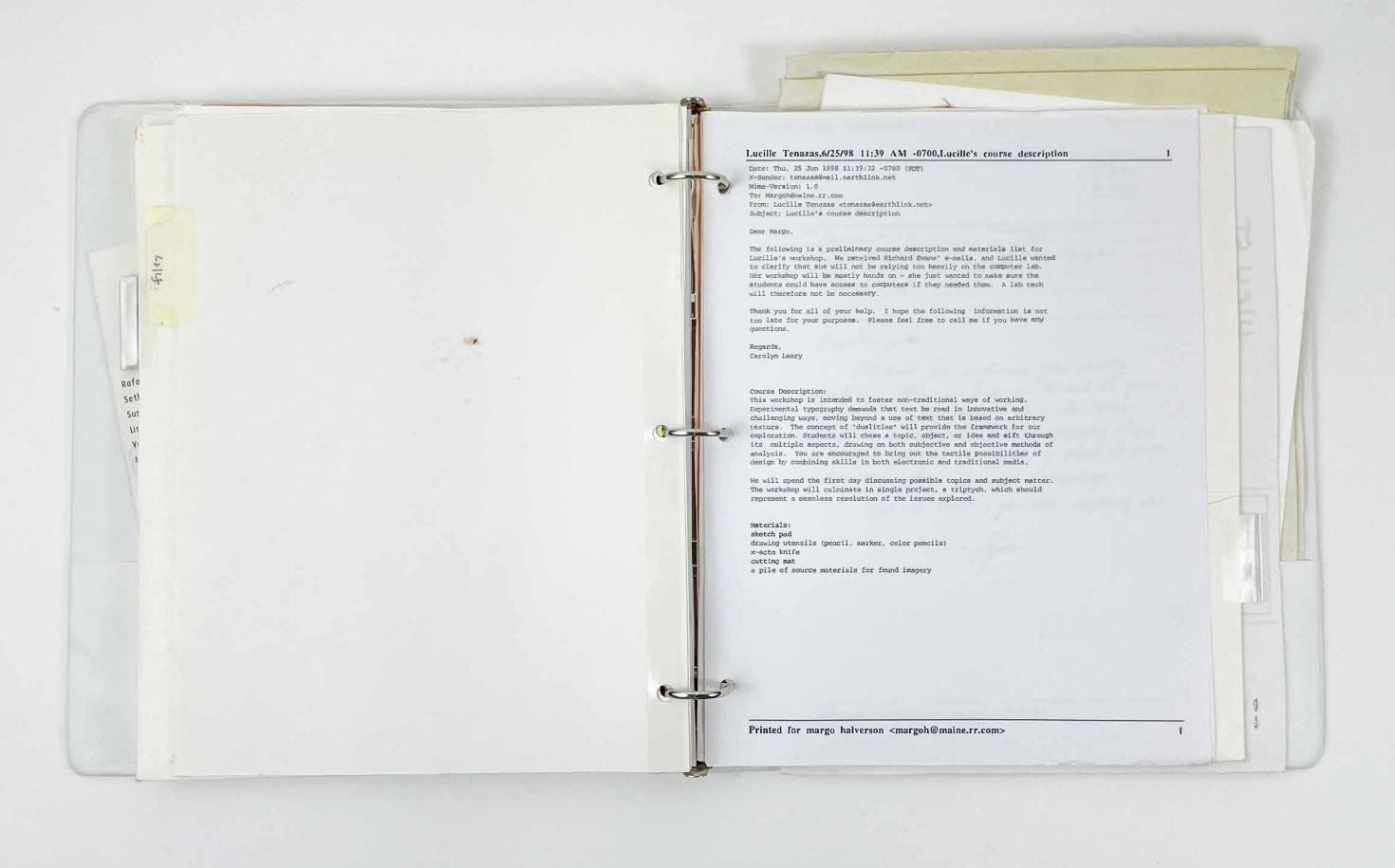


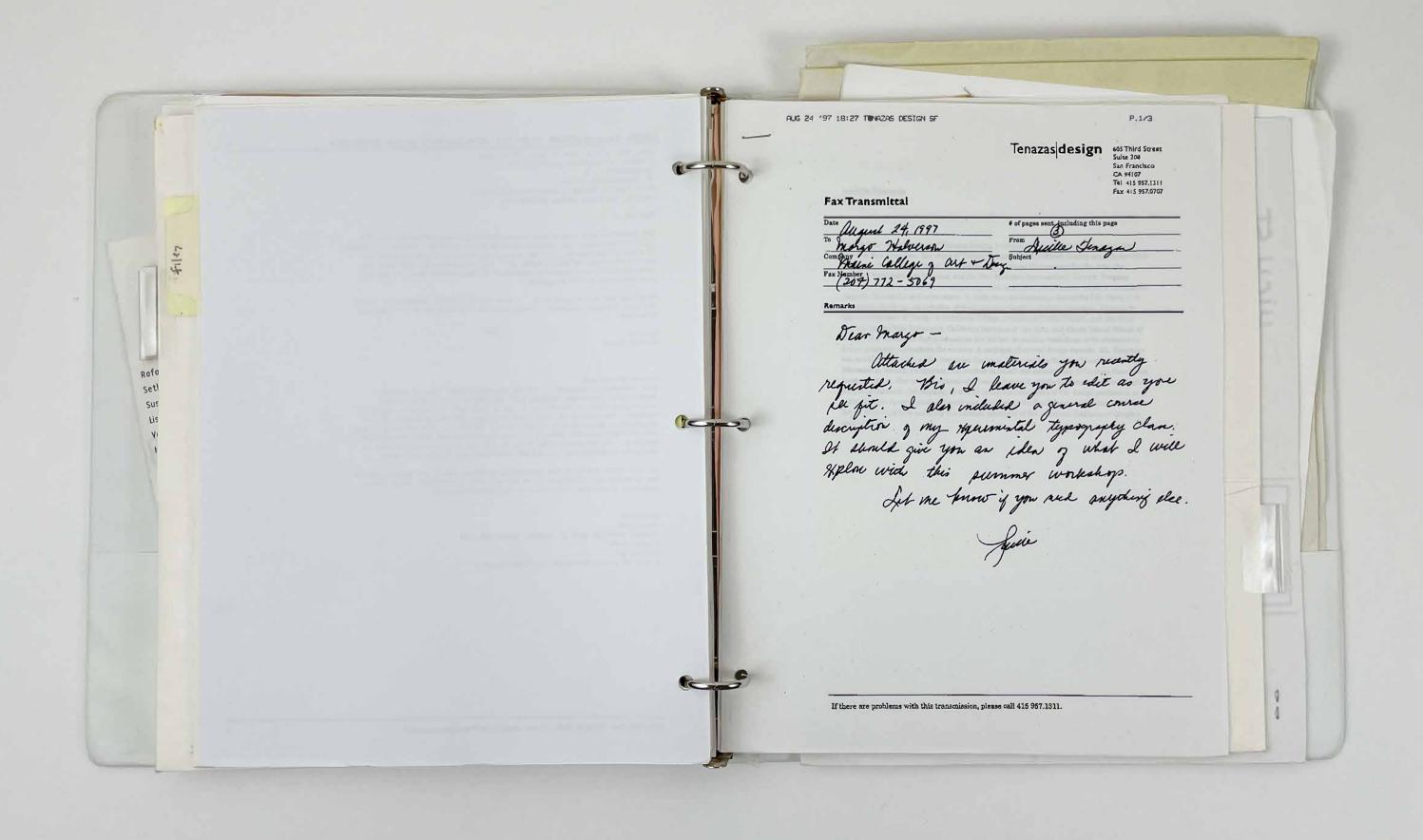


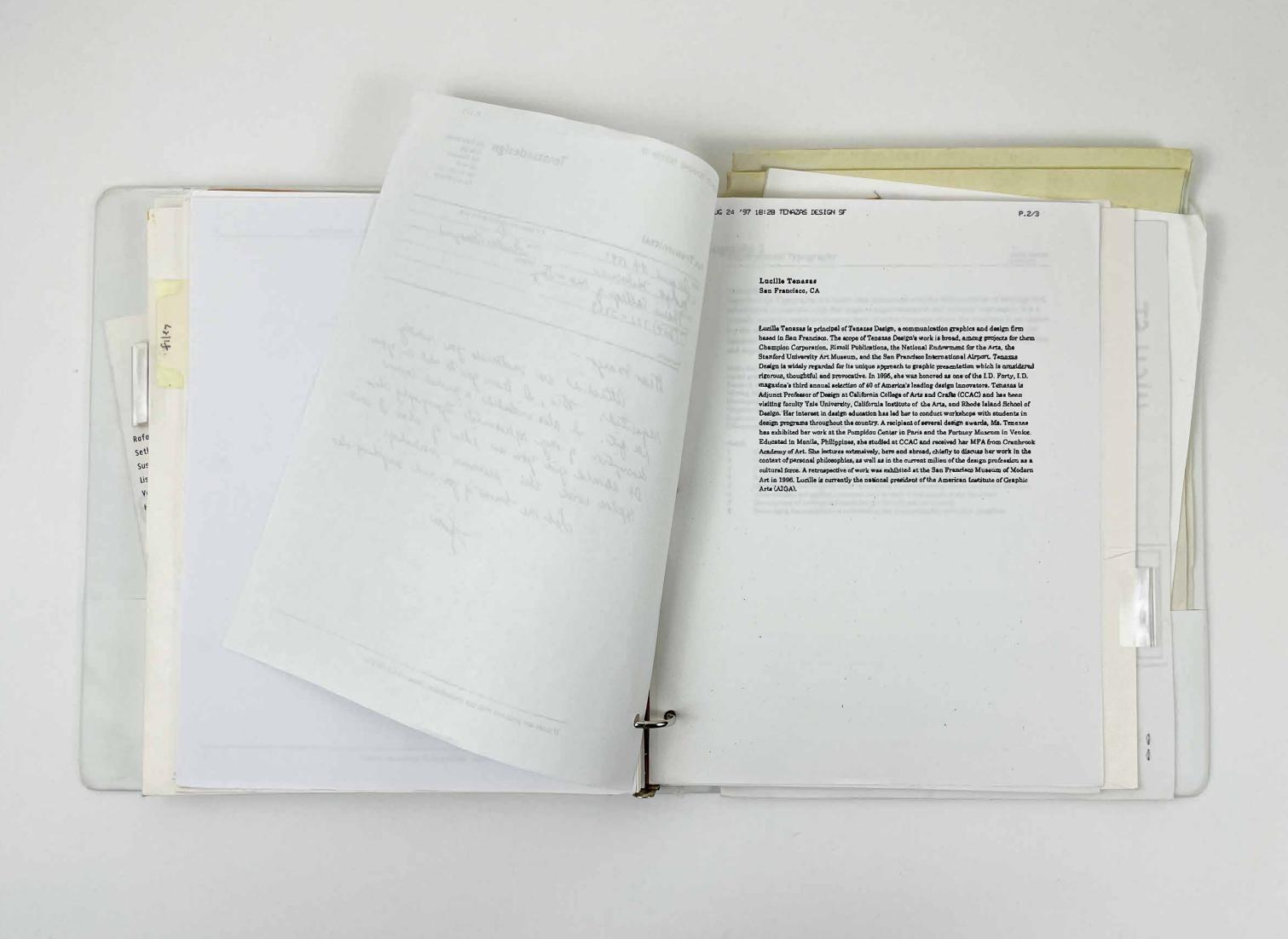


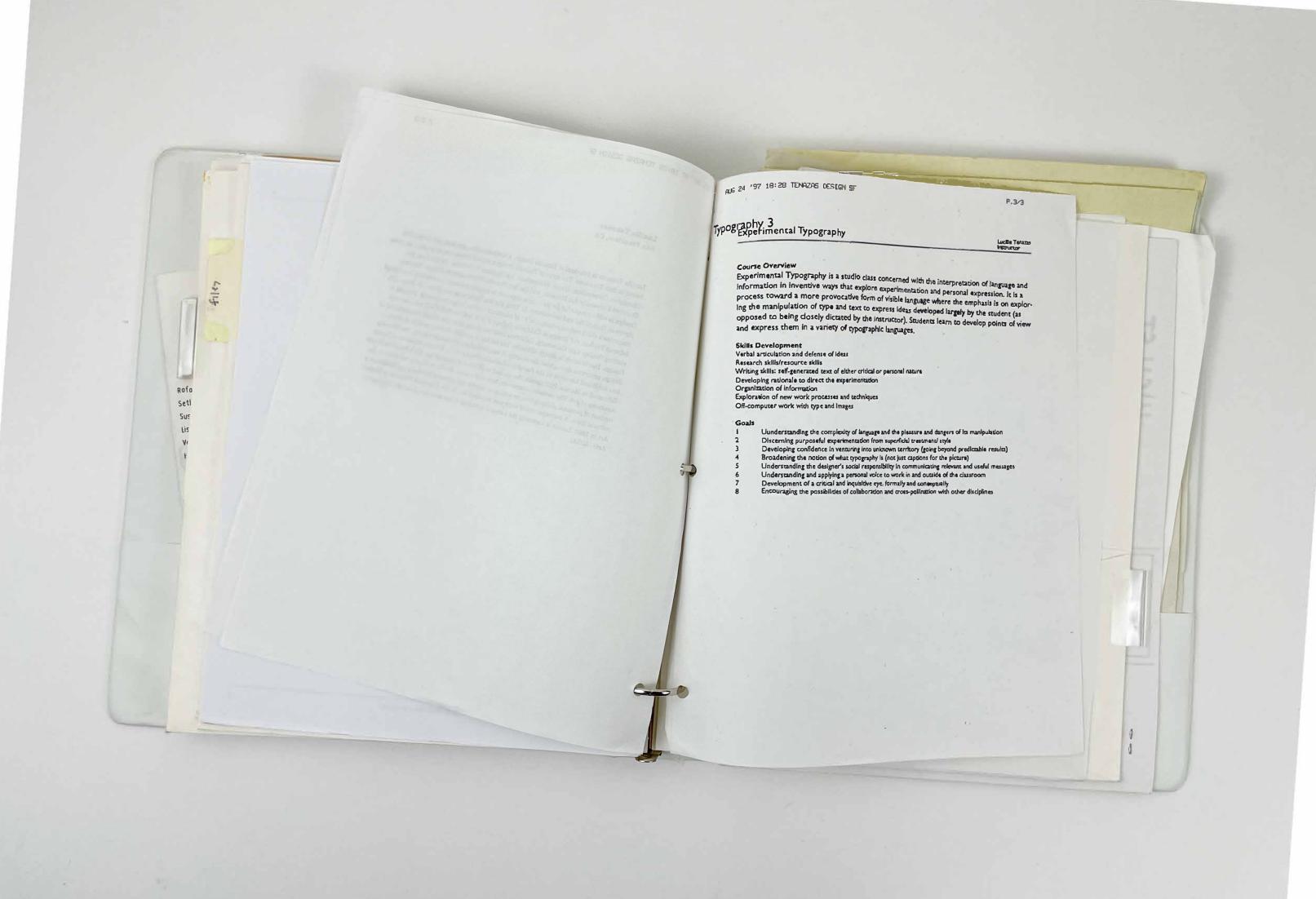


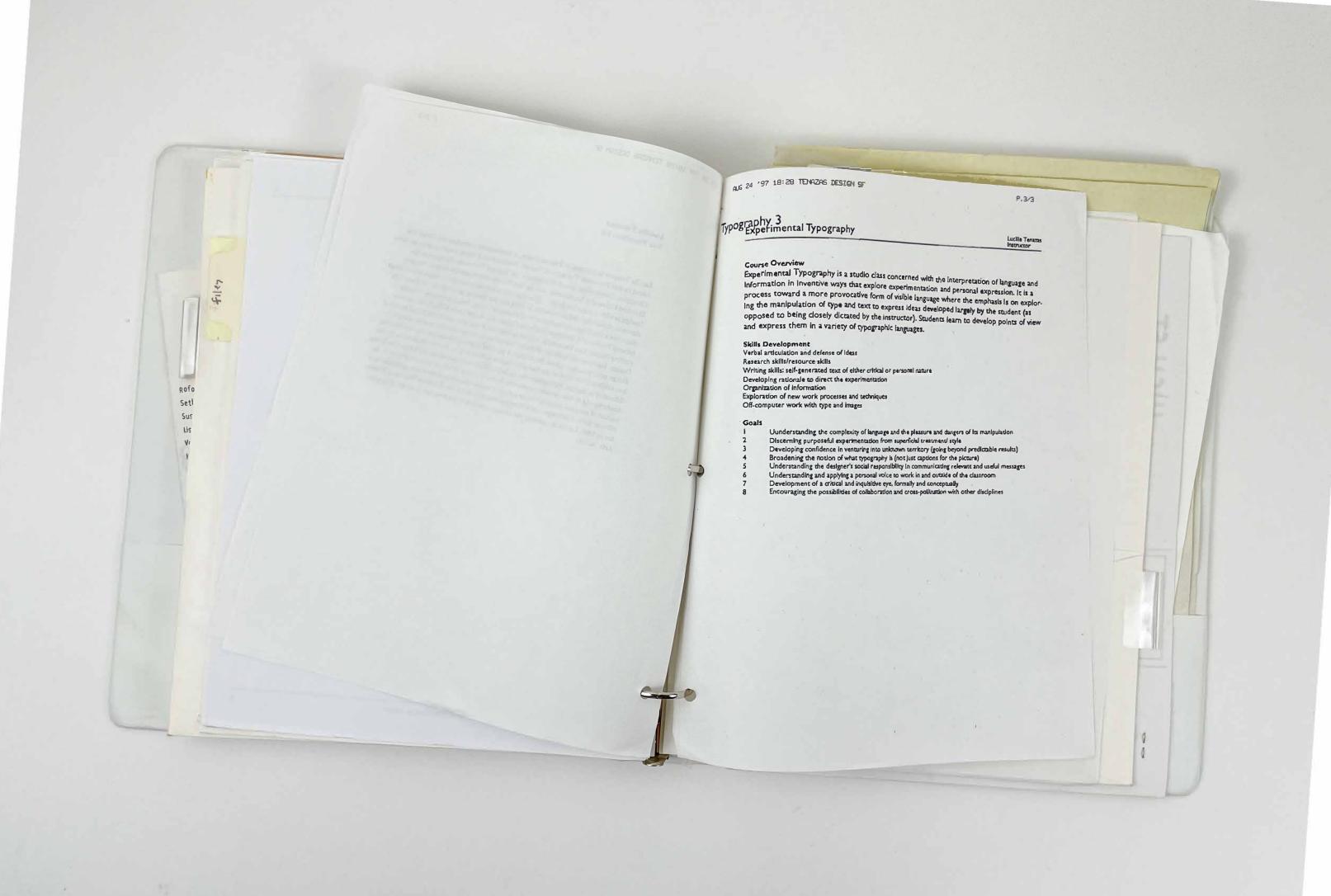


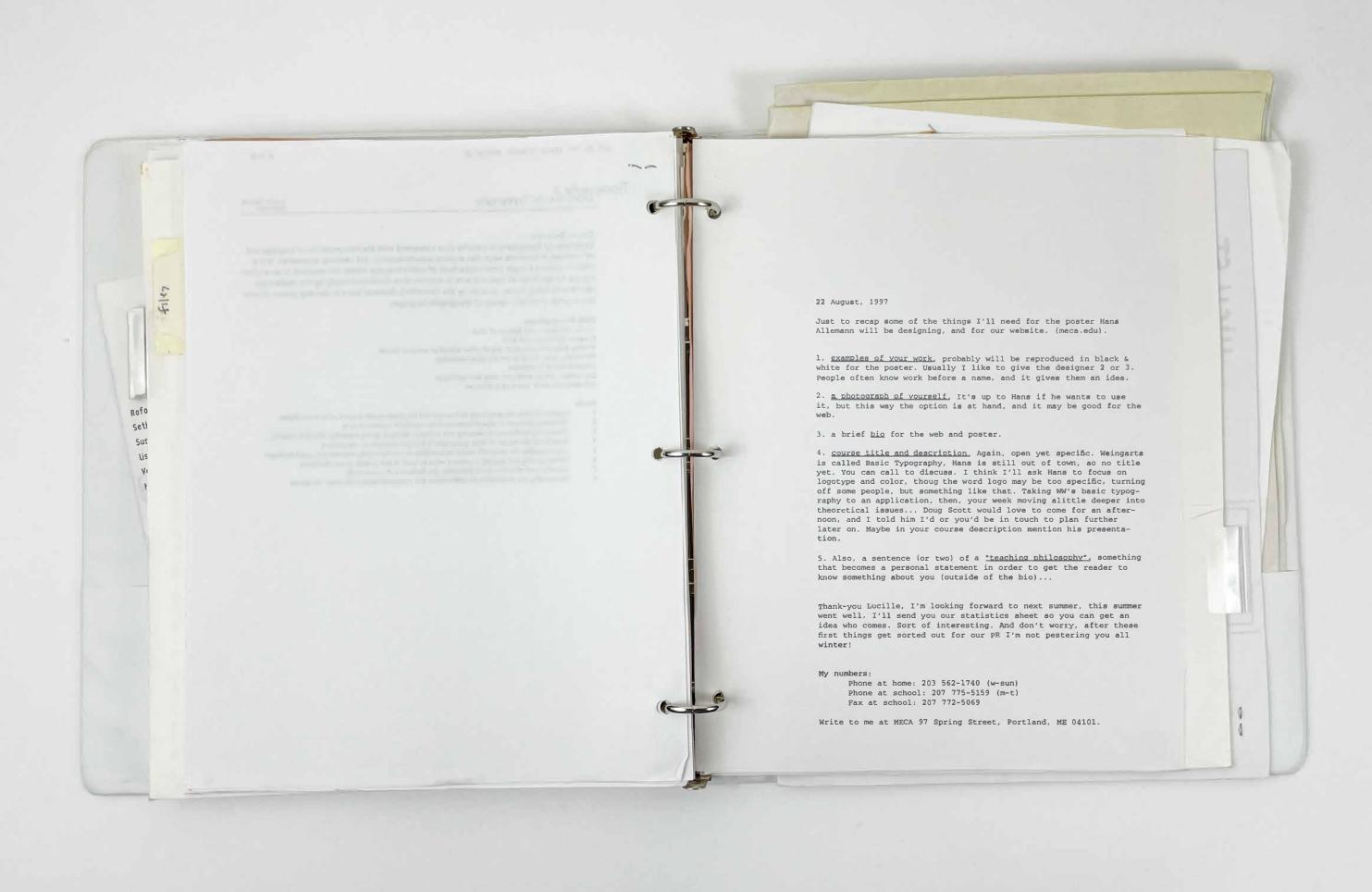


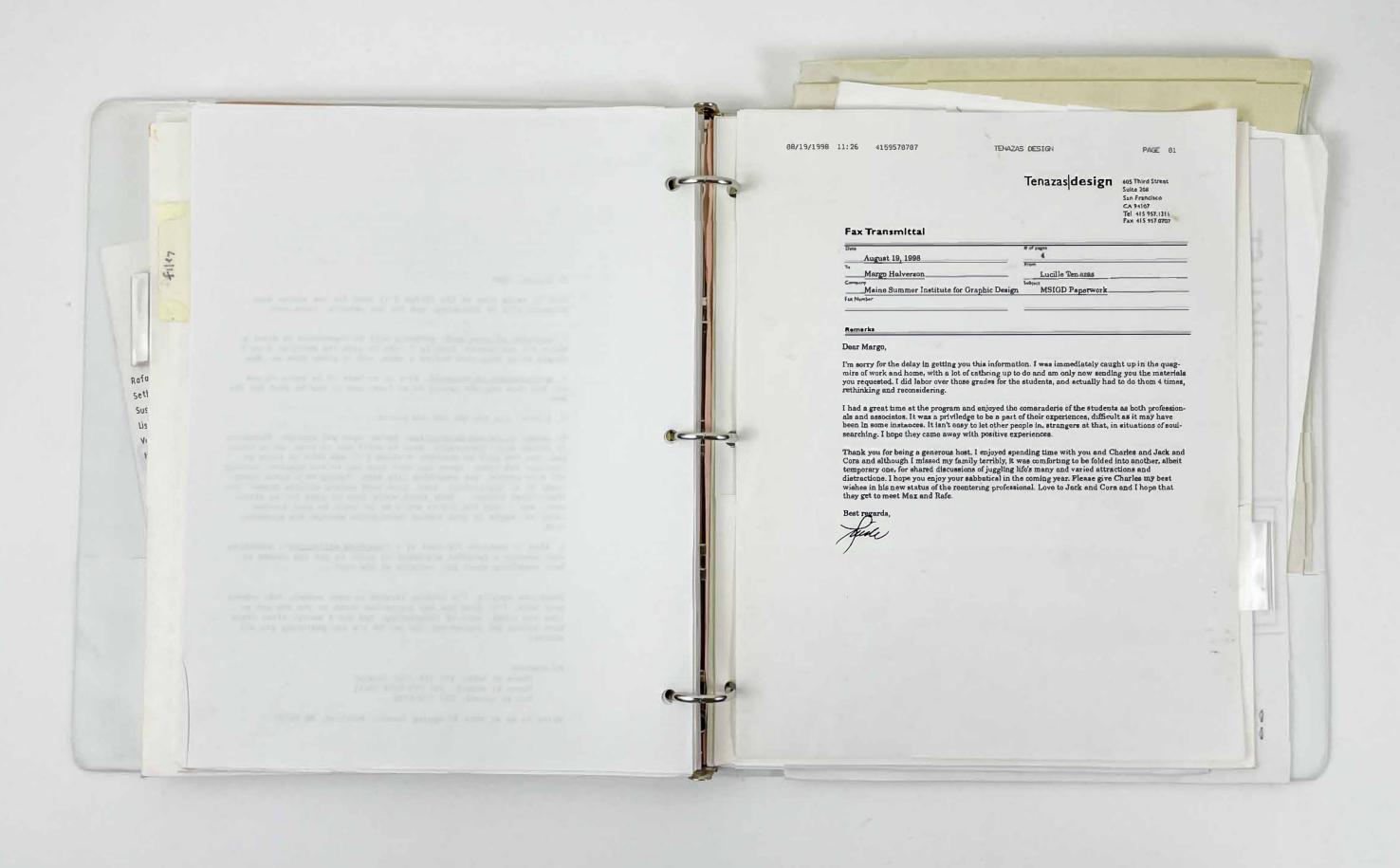


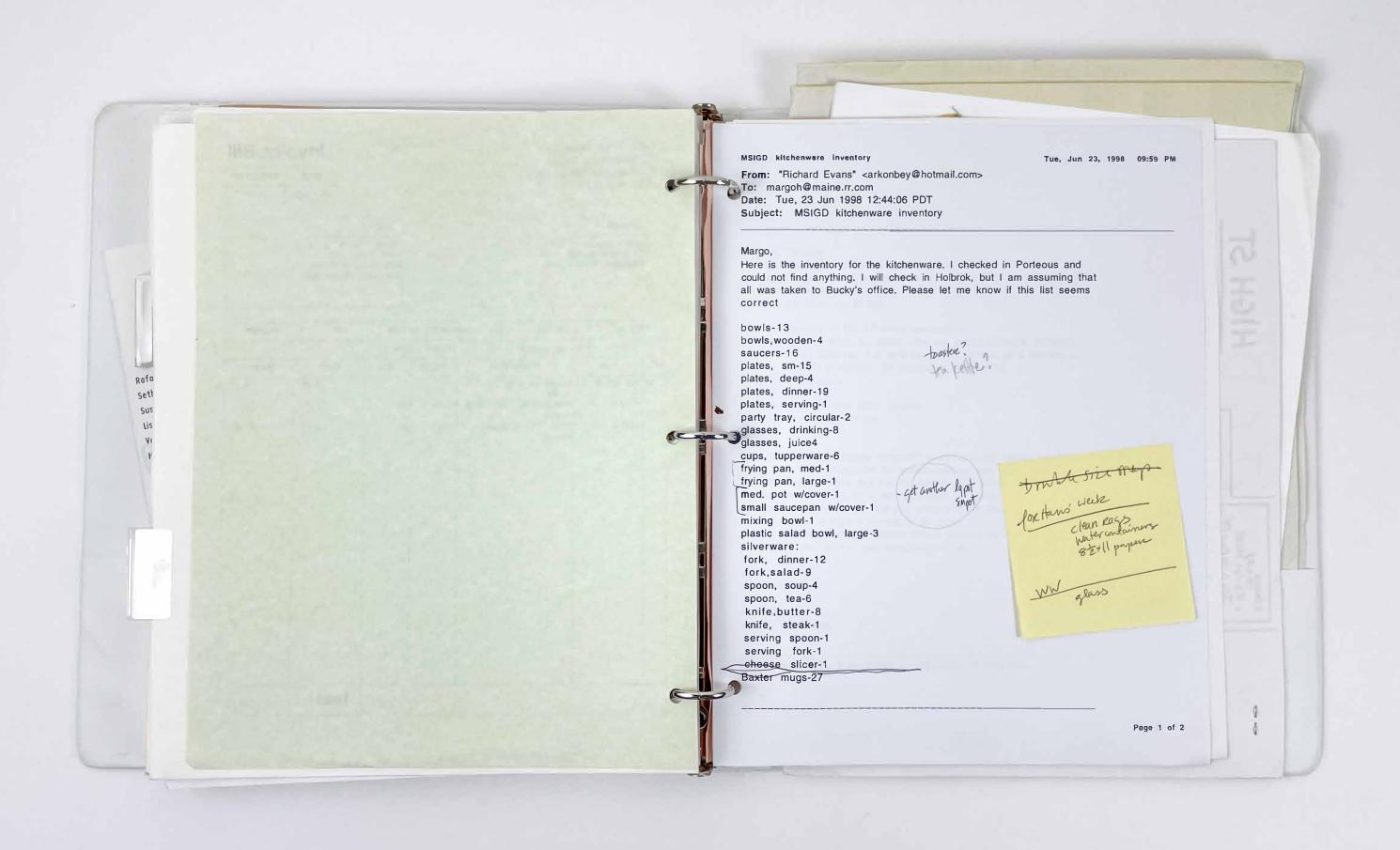


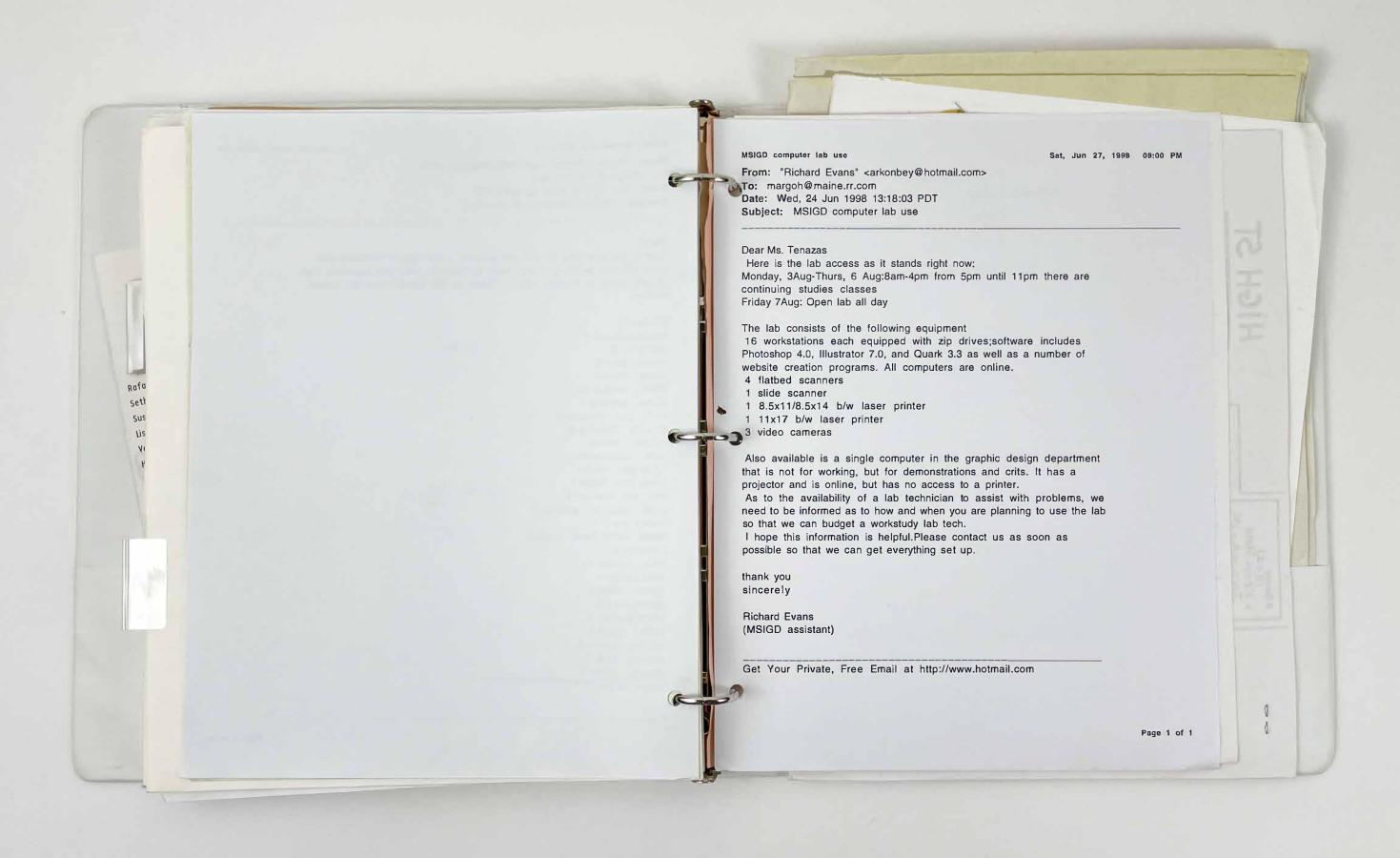


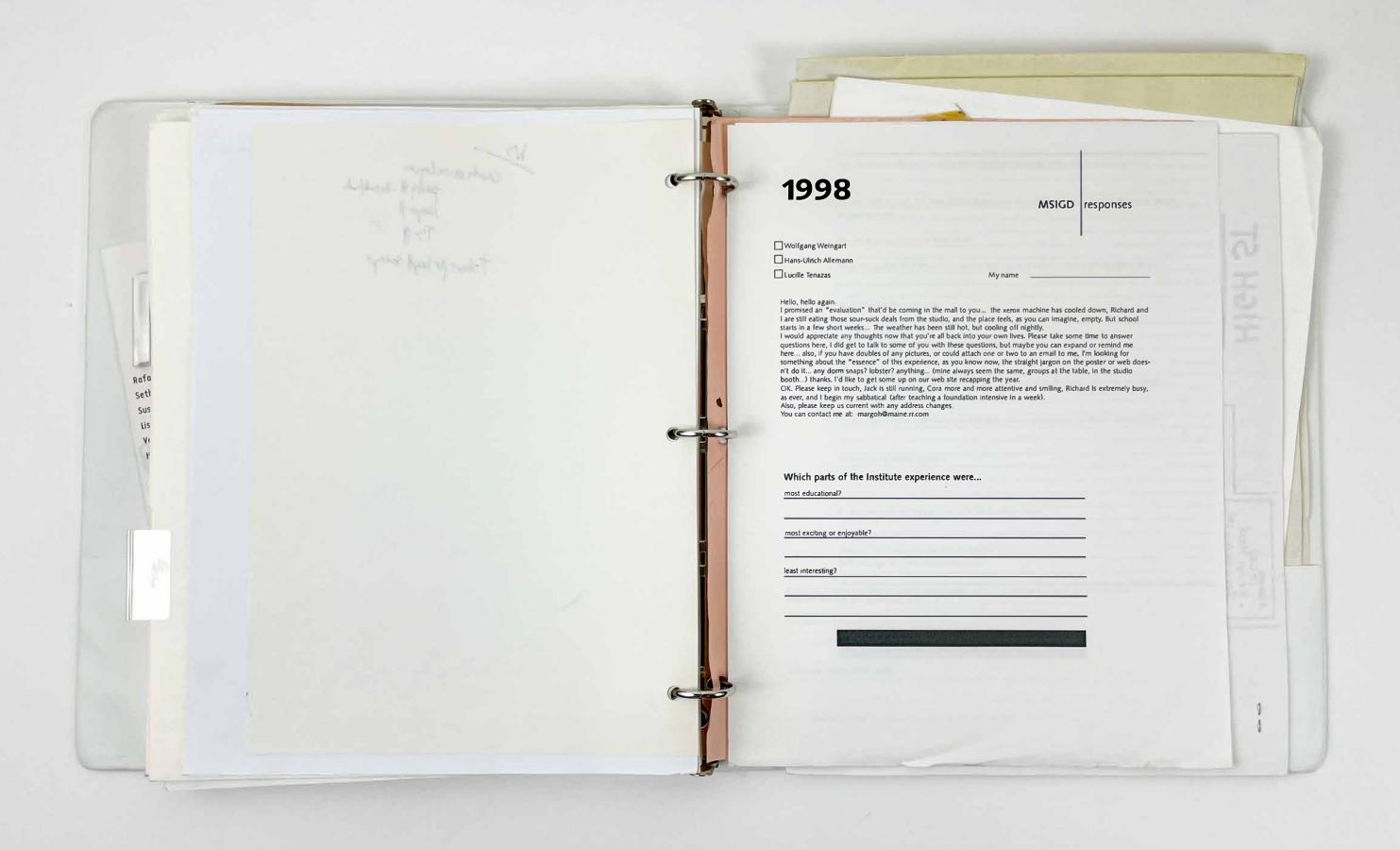


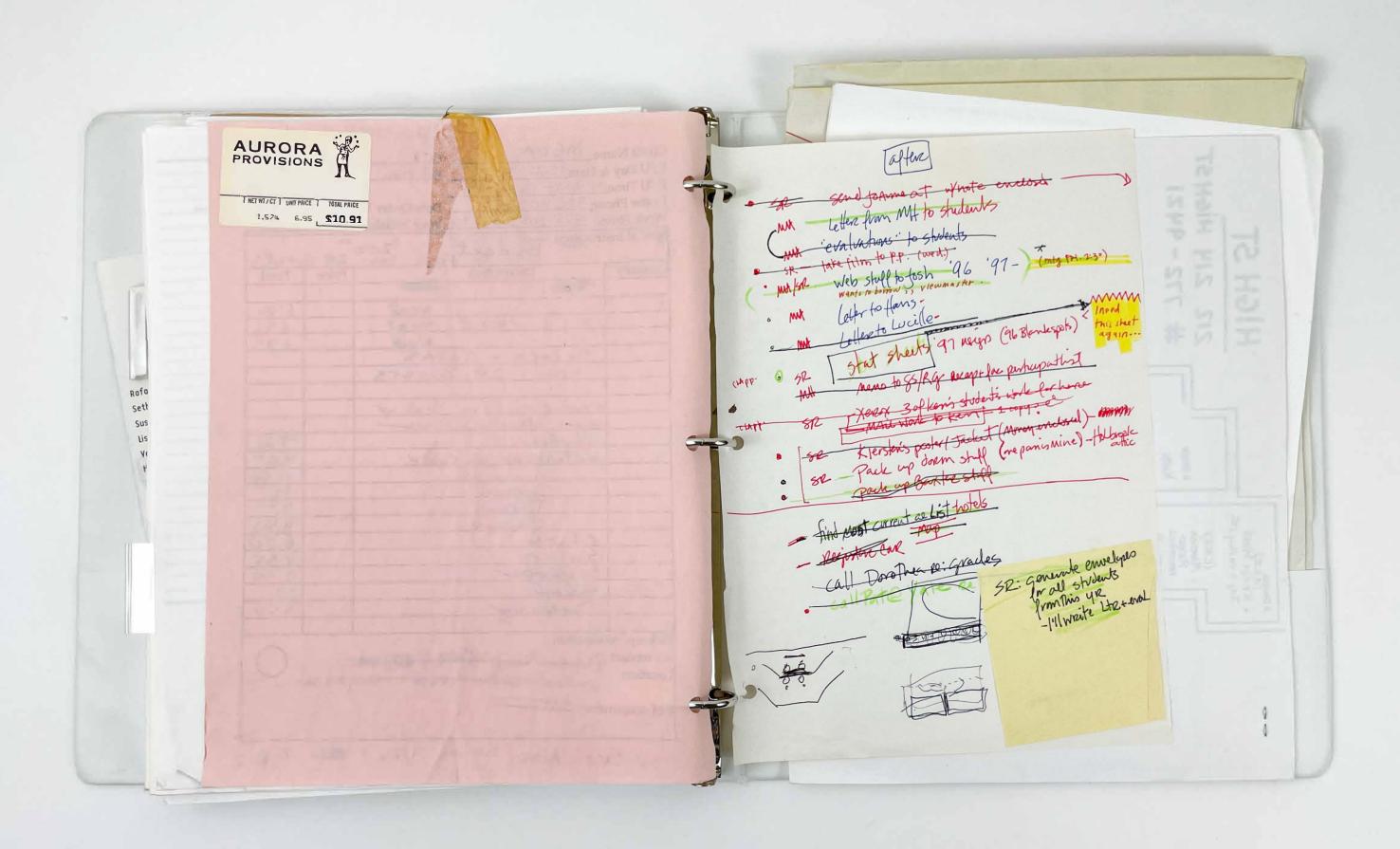


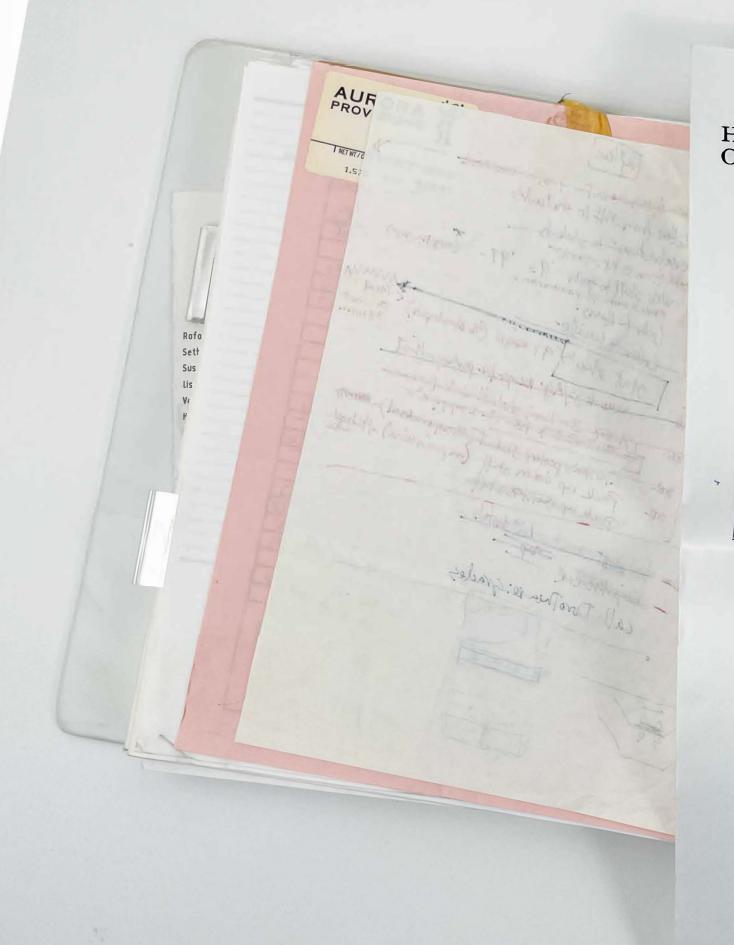












MSIGD

Holbrock House Occupancy Diagram

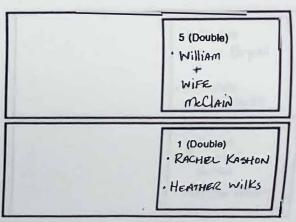


Maximum Occupancy: Singles: 4 Doubles: 14

Total Occupancy: 18 (This number includes the RA)

> July 20世 To July 24世





15 WEEK WITH WOLFGANG WEINGART



MSIGD

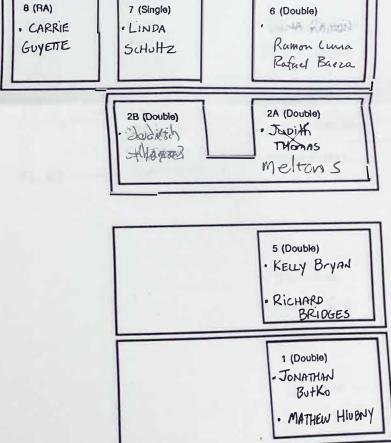
Holbrock House Occupancy Diagram



Maximum-Occupancy: Singles: 4 Doubles: 14

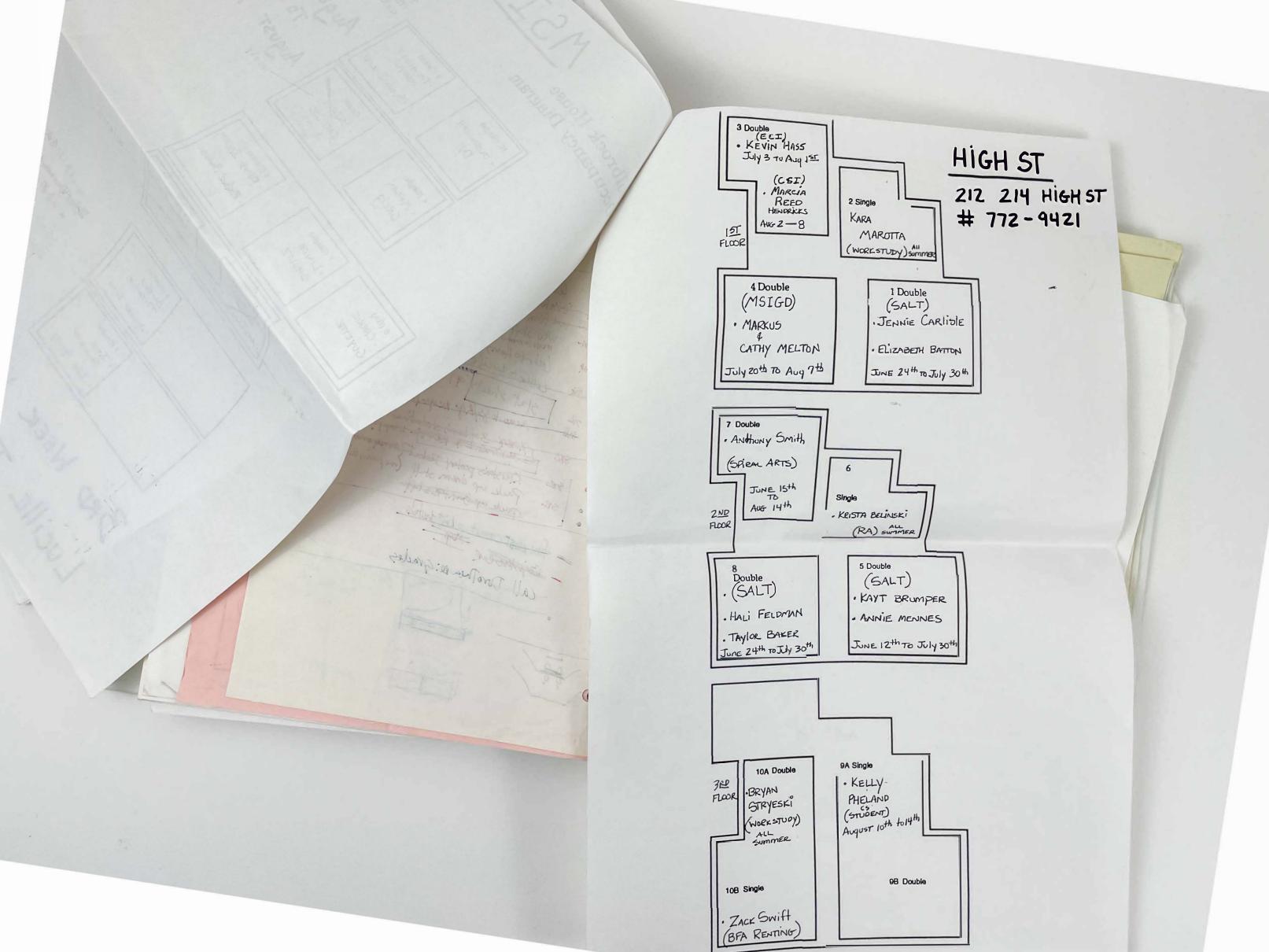
Total Occupancy: 18 (This number includes the RA)

July 27th To July 31st



2ND WEEK WITH HANS-ULRICH AllEMANN



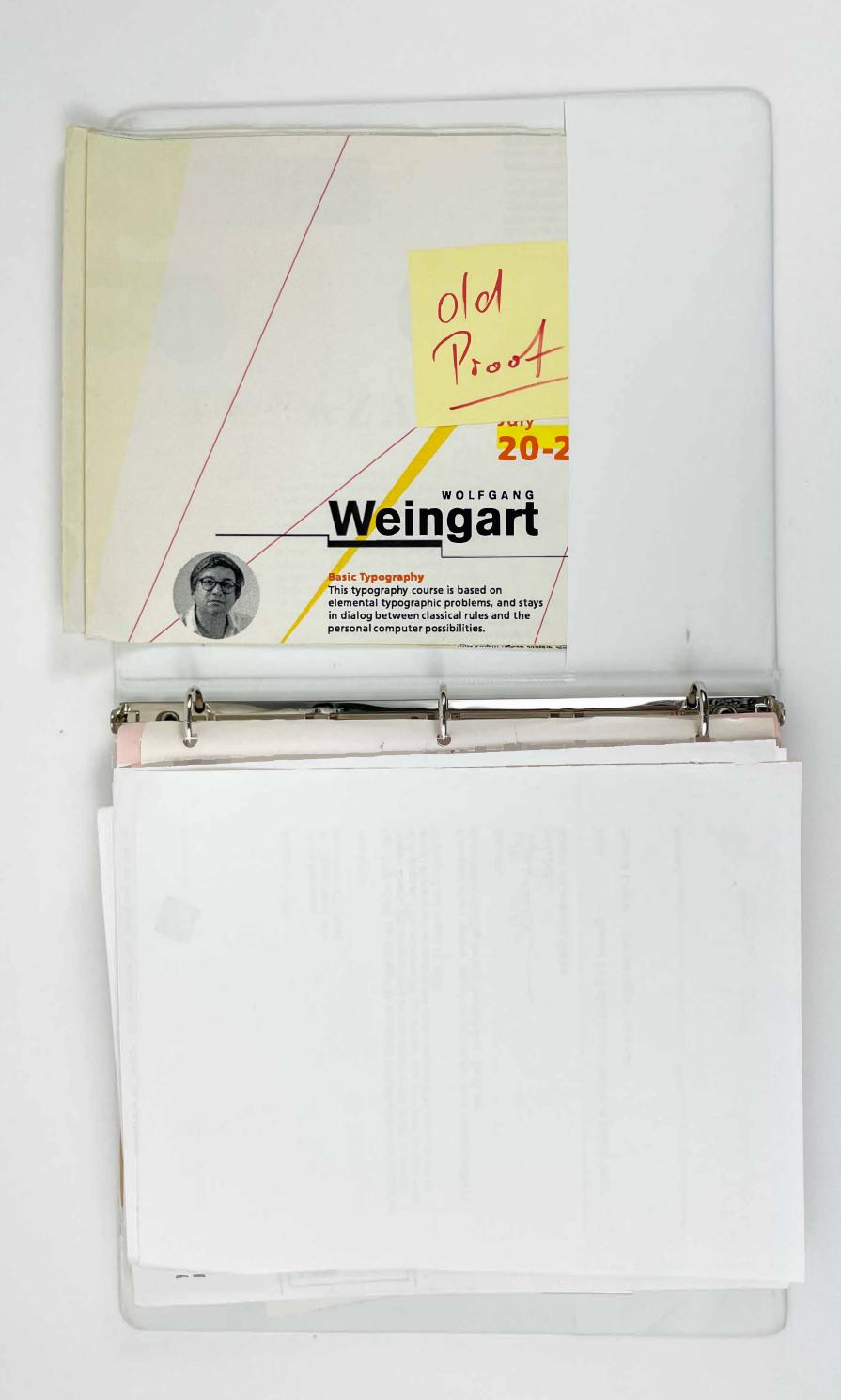




Tel. / fax (5) 523 34 68 Taller de comunicación visual Chicago 27-3 Col. Nápoles México, D. F. 03810 fecha / date. 07.0197 fax de / from BSTCLA ROBICS tax para/to: MARGO HALVERSON.

dIRECTOR.

número de tax/fax number: 207. 372.5069 número de hojas incluyendo esta carátula / total of pages including this one: DEAR MARgo: THANK YOU SO MUCH FOR YOUR WEEK BUT I AM LOOKING FORWARD TO TAKE NEXT YEAR COURSES (Probably the whole Month?) so I'LL CONTACT YOU EARLY Fe Bruary. THANK YOU . Greetings estera. Si no recibió bien el mensaje favor de contactamos / If you dich't recieve the message correctly please contact us





and express them in a variety of typographic languages.

land since 1968 He has also conducted typographic land since 1968. He has also conducted typographic Summer Program in Graphic Design in Brissago, the has lectured on his teaching methods in over 15 titions, design books and journals, and he has been sizecieved awards from the Swiss Department of Cultural and Typographic Process and is a contributor to the part was trained as a lead typesetter and is a self-taught tance Graphic Internationale

Allemann

AUGUST STREET

Allemann professor at The University of the Arts, in Philadelphia. He is also a principal of Allemann Almquist & delphia based design firm, founded in 1983. Allemann was born in Switzerland, and graduated in ie School of Design Basel, Switzerland. He has taught at the Kansas City Art Institute and has worked d for both a design studio and an advertising agency. Allemann is a founding member of the liphia chapter and has lectured extensively in this country and abroad. He has received numerous major professional organizations. His design work has been published in Graphis, ID Magazine, Print lodern Publicity, and other books and publications on design. Some of his teaching programs have d in Graphic Design Education and Typographische Monatsblaetter, a Swiss quarterly on issues in ducation. Allemann's posters are in the permanent collections of the Gewerbemuseums in Basel and erland. Recently a portfolio of his firm's work was featured in Graphic Design America Two, Rockport/Alliworth Editions. Rockport/Allworth Editions

Lucille Tenazas

Is principal of Tenazas Design, a San Francisco-based communication graphics and design firm widely regarded for its
rigorous and thought-provoking approach to graphic presentation. The scope of Tenazas Design's work is broad, and
its clients include Champion International Corporation, Rizzoli Publications, the National Endowment for the Arts,
the Stanford University Art Museum, and the San Francisco International Airport. In 1995, Ms. Tenazas was honored as
one of the LD. Forty, ID Magazine's third annual selection of 40 of America's leading design innovators in 1996, a retrospective of her work was exhibited at the San Francisco Museum of Modern Art.

Tenazas is Adjunct Professor of Design at the California College of Arts and Crafts (CCAC) and has been visiting faculty at Yale University, California Institute of the Arts, and Rhode Island School of Design. Her interest in design education has led her to conduct workshops with students in design programs throughout the country. Educated in Manila, Philippines, she studied at CCAC and received her MFA from Cranbrook Academy of Art. She lectures extensively, both here and abroad, chiefly to discuss her work in the context of personal philosophies, as well as in the current imfieu of the design profession as a cultural force.

Lucille is currently the national president of the American Institute of Graphic Arts. (AIGA).





Wolfgang Weingart AGI Postfach 2235 CH 4001 Bessi/Switzerland

Fon (061)261.02.53 Fon (061)695.67.11/School Fax (061)261.02.63

To Margo Halverson, Director c/o Maine College of Art Graphic Design Department

97 Spring Street Portland/Maine 04101

USA

Basel, September 18, 1997

Dear Margo,
I got your letter from August 22. Congratulations for finding a house
for you . . . I saw in my map a Prospect Street in Westbrook. Is this the
same street in the country side?

We saw Hans in August here, and stayed some days in our appartment. I send you the material for what you asked.

- 1. Biography the same like 1997
- 2. The quote the same like 1997
- 3. Charles has WW photographs
- 4. Send you some work with this letter

You sound also happy with the family, and work. Like since years I am still working on the book. In the moment to bring all the text in a good german, later english. A little boring work.

Please let me know, if you need more informations.

Skolos and Wedell came last week to Basel. It was a very good, and nice time. They came into the typeshop for a two hour discussion.

Many greetings to you three . . .

your,

Wolfgang Waingart Postfach 2235 CH 1001 Basal/Switzerland

Fon (061)261.02.53 Fon (061)695.67.11/School Fax (061)261.02.63

To Margo Halverson, Director MSIGD c/o Maine College of Art Graphic Design Department

97 Spring Street Portland/Maine 04101

USA

Basel, March 19, 1998

Dear Margo, thanks for you long letter, which I had a little problems to understand. Do you get an other child? Or I missunderstood it . . .

I do not need special instruments for the course. All the same like always. The Scotchbands in the plastic holder are in your office from last year. I will bring some new scotchbands with me.

As I wrote to you on January 30th I will arrive in Portland from Boston at 2:55 pm, Suterday July 18th by DL 4299.

Perhaps Hans will arrive on Friday July 24, so its great that I can stay until Monday morning in the piano Room. No problems for me for sleeping. The same day the flight goes back in the afternoon.

Was a writter from NYC phoning you for a WWPicture in the CA magazine? Her name is Noreen O'Leary, and she is doing an article for April probably.

Many greetings to you all, and to Al Achram . .

your,

Wolfgang Weingart Postfach 2235 CH 4001 Basel/Switzerland

Foo (061)261.02.53 Fon (061)695.67.11/School Fax (061)261.02.63

To 'Margo Halverson, Director MSIGD c/o Maine College of Art

97 Spring Street Portland/Maine 04101

H S A

Basel, July 31, 1998

Dear Margo,
back exhausted in Basel with a new funny, sterile feeling in my left part
of my face and arm (probably blocked nerves) since I was waiting in the Portland
Airport for the flight to Boston, I like to thanks again for the great time with your family and guests at your wonderful home.

It was also a good time with your students, and I also saw again the generell needs in the basics . . . I do not why, but I love to wake them a little up, and to open a little their eyes - hopefull for few students, or only for a week.

- I like to write you soon enough before you start to plan your next Summer 1999 a not very happy note:
- I made today the difficult decision to teach for the moment not annymore at the Maine Summer Program. (My last instruction will be once in Boston, at Elizabeth Resnicks school, because I promised her old wish to do it soon).
- I feel the first time during these great six years that the expenditure of energy during these summers is immense.

The two day trip back and forth, regulary around 4 days preparing in Basel the material, and the one week teaching seems in the moment too much for me.

- I hope you take this decision not personnel: Every human beeing is replaceable, this realistic fact I learned from Armin Hofmann 25 years ago.
- I like to stay in contact, your family, and your school like before.

 And I hope that my brake will not affect our relationship and positif plans of the planned partnership between your school and Basel.

If you need my help in anny case, please contact me every time.

Perhaps in the meantime you went to Sylvie Bachofners house to find a way for our collective plan.

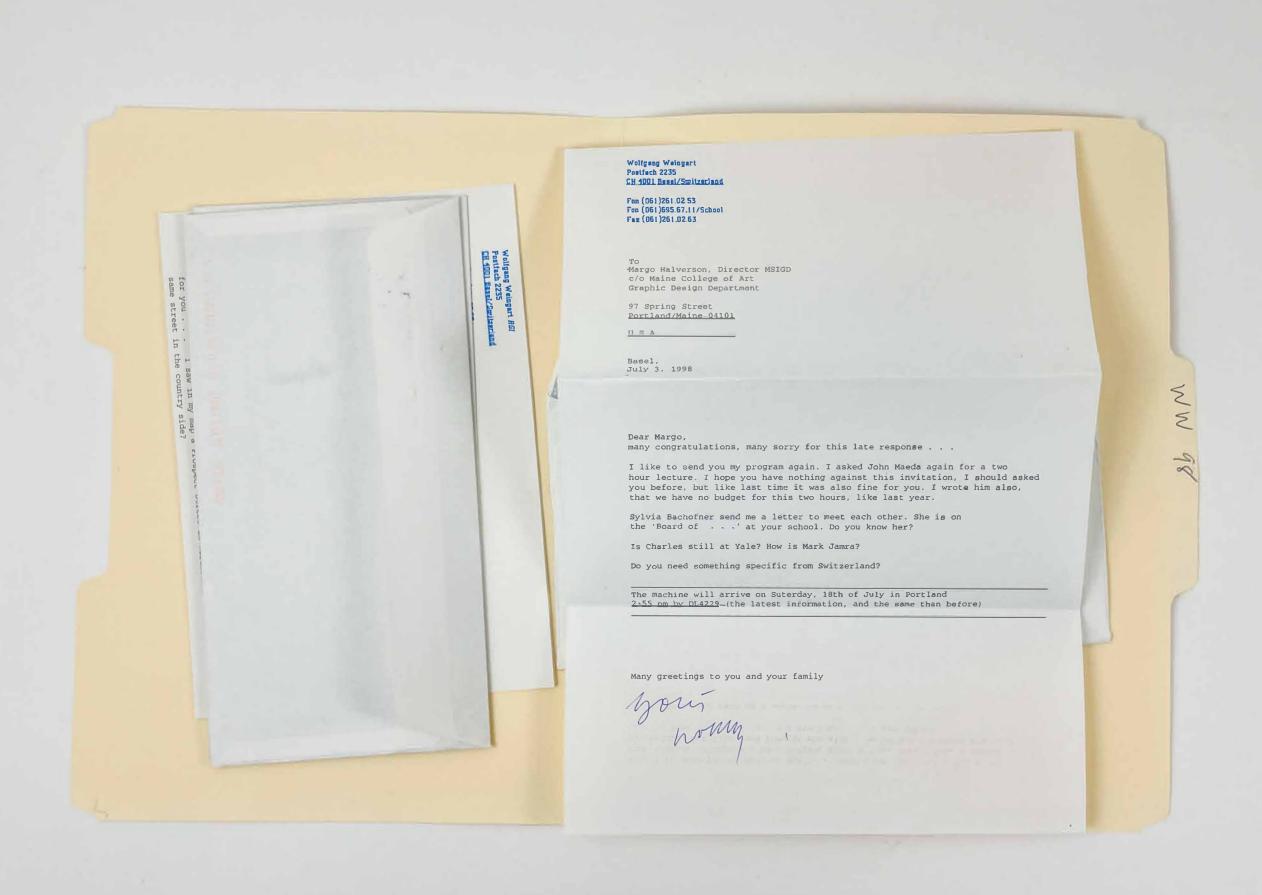
I wish you and your family all my best, with the hope to see each other soon back.

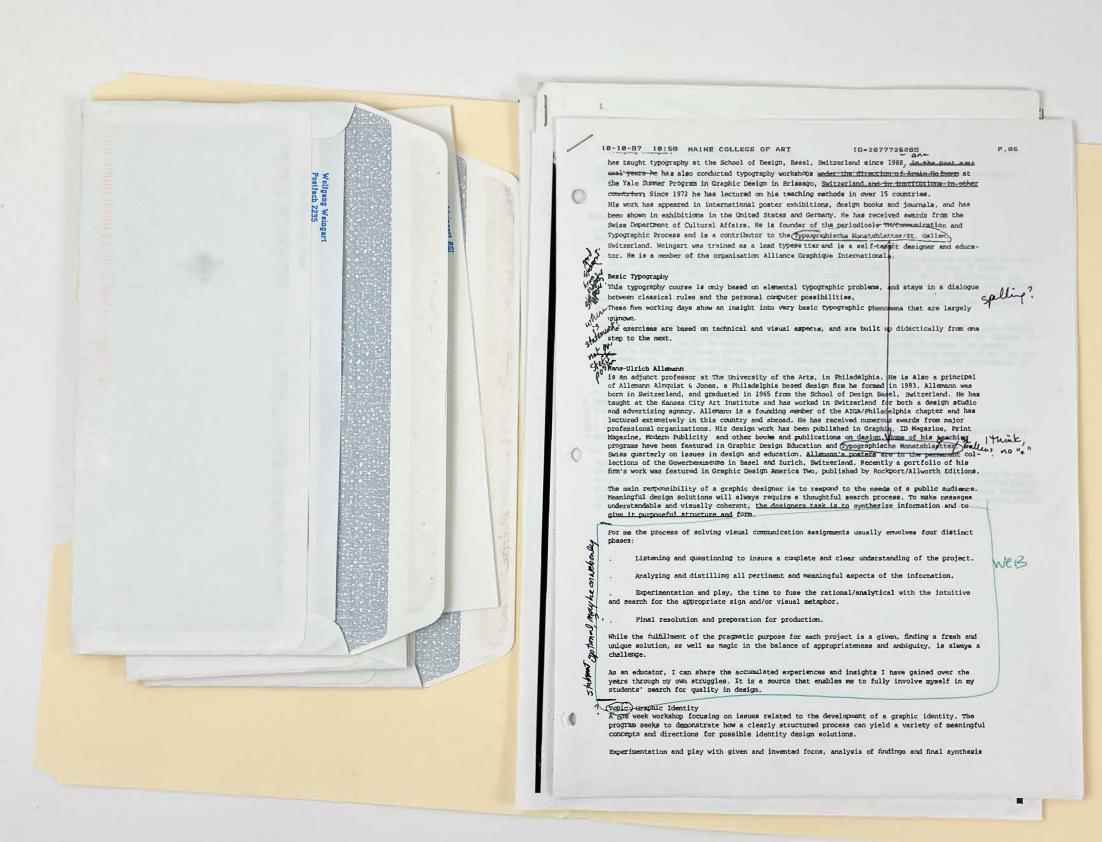
My best greetings to you all, and many thanks for all your helps,

you virge

Ps: (Eventual I have to be in Boston soon, to take the new opportunity to see a publisher, and, as I mentioned to you before, combine this trip to realize Elizabeth Resnicks every time comming back question to have a short workshop at her school). I will inform you soon enough, if, it will be some weeks after Xmas 1998.

Perhaps we have the opportunity to see us somewhere?





MW.

10-10-87 10:69 MAINE COLLEGE OF ART

While the assignment specifically relates to identity design, the work process serves as a model that can be applied to any design investigation, regardless of medium or application.

- V

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Lucille Tenezas San Prancisco CA

Lucille Tenazas is principal of Tenazas Design, a San Francisco-based communication graphics and design firm wide-ly regarded for Tts rigorous and thought-provoking approach to graphic presentation. The scope of Tenazas Design's work is broad, and its clients include Champion International Corporation, Rizzoli Publications, the National Endowment for the Arts, the Stanford University Art Huseum, and the San Francisco International Airport. In 1995, Ms. Tenazas was honored as one of the I.D. Forty, ID Magazine's third ennual selection of 40 of America's leading design innovators. In 1996, a retrospective of her work was exhibited at the San Francisco Museum of Modern Art.

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Lucille is currently the national president of the American Institute of Graphic Arts (AIGA).

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The whole idea of authorship is important.

I try to instill in my students that you have to make your voice heard.

I feel that if you are ware of who you are, then you can ultimately take on the identities and problems others may pose yet not lose your own voice.

Experimental Typography
Experimental Typography is a studio class concerned with the interpretation of language and information in inventive ways that explore experimentation and personal expression. It is a process toward a more provemative form of visible language where the emphasis is on exploring the manipulation of type and text to express ideas developed largely by the student (as opposed to being closely dictated by the instructor). Students learn to develop points of view and express them in a variety of typographic languages.

10-10-97 10:58 MAINE COLLEGE OF ART

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1998 Maine Summer Institute in Graphic Design Maine College of Art July 20 - August 7 1998

Wolfgang Weingart July 20 - 24 Hans-Ulrich Allemann July 27 - 31 Lucille Tenazas August 3 - 7

The Maine Summer Institute in Graphic Design is a series of three five-day workshops, dasigned for both established and developing graphic designers. The faculty, with international prominence as both practitioners and teachers, provide a structured, hands-on exploration of theoretical and practical issues in visual communication. Perception, expression, and problem-polying is enhanced by intensely making, discovering and observing. I size the visual communication of the visual commun tiques, discussions, demonstrations, slides, prepared prepared prepared and informal work-related gatherings. Each workshop brings together analy groups of designers from all the common intent of immersion into the essentials of design process. Each workshopfunctions independently, so participation in any individual asssion or combination of sessions week is a viable option; however, the complete three-week program is designed as an integrated program of complementary studies. Director of the Institute is Margo Malverson, Associate Professor at Maine College of Art.

Location

Portland is a small city of 65,000 located on a peninsula in Casco Bay, 109 miles north of Boston. The city is a gateway to the natural beauty of Maine's coast, and Maine's economic and cultural center. Portland is known for its summer fastivals and restaurants; it is a friendly walking city. Studio facilities for the Institute are provided in the Eaxter Building, a Romanesque revival building in Portland's Country Arts District, which houses the College's Graphic Design Department. Participants have dedicated studio space for the length of their Institute stay with 24-hour access. Institute stay with 24-hour access.

The College

The College
The Institute is an adjunct education program of Maine College of Art, formerly the Portland
School of Art. The College is a small independent our year professional College granting that begins in the England Association of 1919;
Bachelor of Fine Arts degree in visual arts, HEA. Its addression be England Association of 1919;
School and Colleges and by the National Association of Schools of Art and Design. NS School and Colleges and by the National Association of Schools of Art and Design.

MFA
Eligibility

Participation in the program is open to professional designers and educators, graduate students, and undergraduate graphic design majors with outstanding portfolios. Enrollment is limited to 22 students per session.

1800 Tuition for the complete three-week program is 500x. Tuition for each five-day workshop is 500x.

There is a non-refundable application fee of Sox. Housing is available at pd additional cost in Haine College of Art's Holbrock House, a burn-set-week considered dormitory house a short walk from the Baxter Building, or arrangements may be made independently. Residence rooms are double occupancy. There are kitchen facilities in the Holbrock House, and many restaurants and cafes meanly.

A double occupancy room costs \$000 for the three-week program, \$000 for two weeks, and \$000 for Idduly.

A double occupancy room costs \$000 for the three-week program, \$000 for two weeks, and \$000 for Idduly. 450 340 one week,

Some limited financial aid is available to qualified applicants who demonstrate need. (Financial aid of — application is included with the Institute application.) Applicants seeking aid should be sure to return their applications and supporting documents by the priority deadline of May 1998.

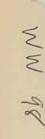
10-10-97 10:57 MAINE COLLEGE OF ART 1D-2077725088 Admission
Admission to the Maine Summer Institute in Graphic Design in admission to the Maine Summer Institute in Graphic Design in admission to the Maine Summer Institute in Graphic Design in admission to the Maine Summer Institute in Graphic Design is admission to the Maine Summer Institute in Graphic Design in Applications will be reviewed after May 15 on an individual space-available basis. Call or Check our website for workshop availability. Maine College of Art does not discriminate against any individual on the basis of that person's sex, secural orientation, race, color, religion, age, handicap, national or ethnic origin. Application materials may be downloaded from our website.

http://www.meca.edn or obtained by contacting: 1998 Maine Summer Institute in Gaphic Design Maine College of Art 97 Spring Street Portland, ME 04101 Telephone 207 775.3052 or 800 639.4808 ext. 231 FAX: 207 772.5069 email: cstudy@meca.edn

TO 6012077725869 08-18-1998 22:19 FROM WEINGART-WOLFF Wolfgung Weingert AST Postfach 2235 CR 1001 Assel/Switzerland 0 Fon (081)261.02.53 Fm. (061)695.67.11/School Fmx (061)261.02.63 Urgent Margo Halverson C/O Maine College of Art 97 Spring Street Portland/Maine 04101 USA Pax to: 001-207-772.50.69 1 Page Basel, October 8, 1998 0 Dear Margo, thank you for your call last week, and I hope we stay in touch like always. When I spoke yesterday with Andy Weed/Seattle, I thought it would be a great contribution for your Maine Summer Institute in Graphic Design. Andy came in August 1990 to the Postgraduate Program to Basel, and stayed three years at our school. His projects where outstanding and very different in his themes and creativities from the other students of his class. More I cannot say. Hope everything is well for you and your family \dots I do not know, if I will come to Boston in the new year. Elizabeth Resnick will print the Portland interview from Thursday July 23, 1998 in the AIGA Bulletin in coming Summer. Kathy revised it over a week, and I think it is now very good, and critical to the situation of todays and the future. If you are interested, I like to send you a copy by Mail. ((0 5

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Typography Workshop with Wolfgang Weingart/Basel-Switzerland at Maine Summer Institute in Graphic Design (Maine College of Art) Portland/Maine July 20 to 24, 1998 9 to 12 am 1 to 5 pm Monday 9-July 20 11: First exercise/end About the Basel School of Design School structure Second exercise/end The Typography History of the school Find the correct optical letter spacing with the typeface Times: SUMMER IN MAINE How we teach What can be school today? Material which we need for this week Explaining the four exercises, and why these exercises First exercise Find the correct optical letter spacing with the typeface Akzidenz-Grotesk: SUMMER IN MAINE 9 to 12 am 1 to 5.30 pm Tuesday 9-July 21 12: Third exercise Third exercise/end Find the correct word spacing: My backround, experience, 4- Showing by computer
5.30 general typography problems in relation to the and knowledge of . . . given four exercises Continue other side



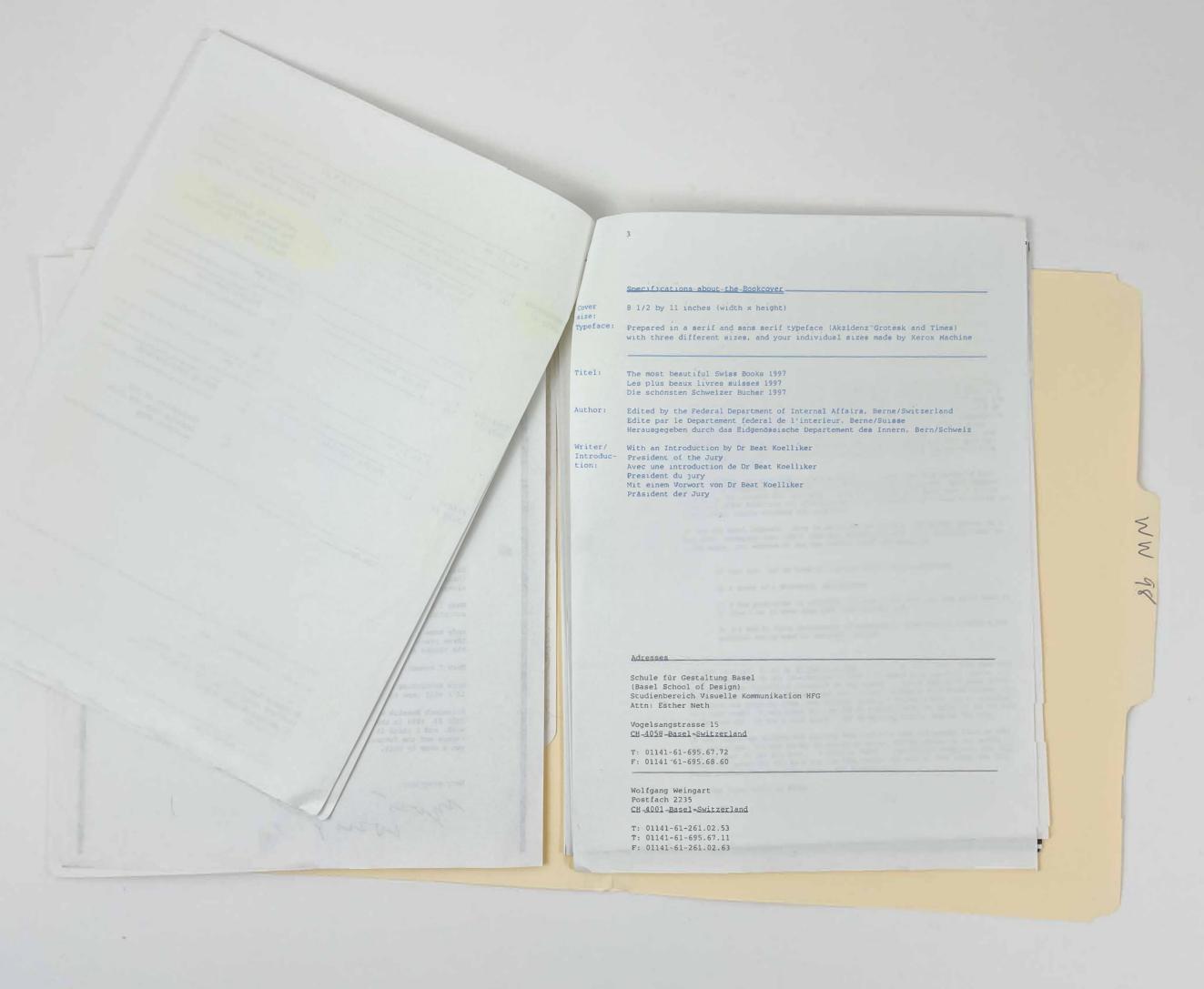
9 to 12 am 1 to 5 pm Fourth exercise Fourth exercise Bookcover Design (Text on page 3) Lecture by John Maeda: The Media Laboratory Massachusetts Institute of Technology 9 to 12 am 1 to 5.30 pm Thursday 9- Fourth exercise July 23 12: Fourth exercise 3.30- Planning a book project 5.30: 9 to 12 am 1 to 5 pm Friday 9-July 24 12: Fourth exercise Fourth exercise/end Evaluation of the results from the five workshop days The End.

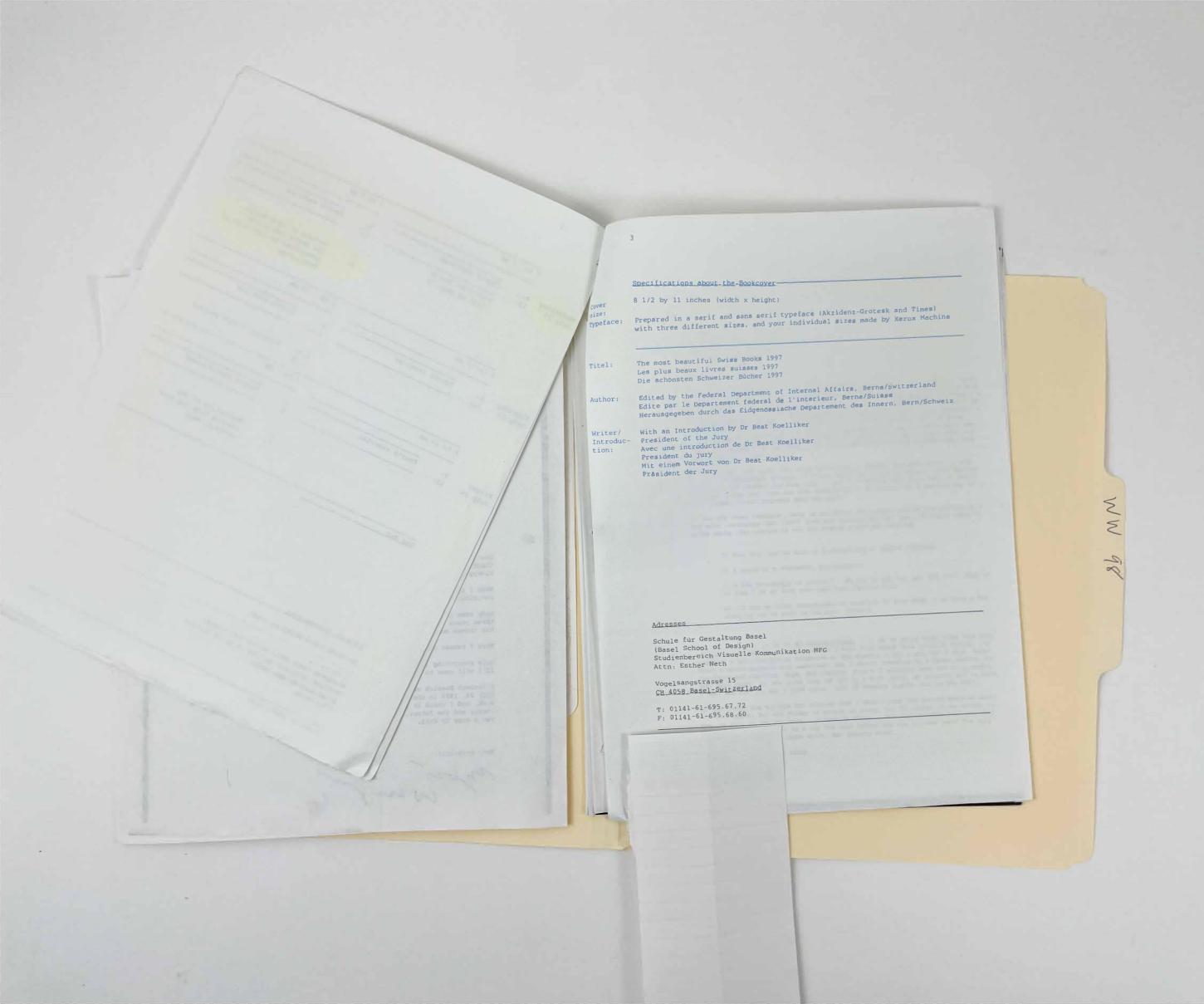
General informations

working tools which we need:

- 1 Scissors 2 Scotch tape (will bring into class) 3 Piece of glass (around 10 by 13 inches) 4 General design tools 5 Notebook

Continue other side





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s, I'm by myself, with Shannon
eling that with Jack, I really
y energy. So I need to say no to

poster, and we are putting up a
ng next year. Probably ready in
and meca.edu

or delete anything.

22 August, 1995

C

Wolfgang Weingart Postfach 2235/CH 4001 Basel, Switzerland

Hello Weingart,

CONE. But I'm elready on the road for next summer. Trying to wrap things up here since, in a week we move back to New Haven. WE BOUCHT A HOUSE. I had no idea we'd find one so soon, but now we will have a place to move to next spring, and when I'm up here I'll have a place to stay, though we'd prefer to remit to out for the 6 or 7 months of income... we'll see. These details eat up my time. It's 69 Prospect, a short walk to the back bay, a long walk into town, an easy bike. It's a great neighborhood, not too "suburban", with lota of character. You'll see it next summer. Are you feeling better? Dorothea said you weren't feeling to great when you returned. Remember how sick Sukki Pang was? Then the next week someone else from your week didn't feel too well...

But the summer was good. Very calm and mature it seemed. But four weeks is alot for me. I'm exhausted. As much as I love doing this, I'm by myself, with Shannon of course, and someone new next year... And I'm feeling that with Jack, I really have this other full-time job that also pulls on my energy. So I need to say no to more things, little requests here and there.

So now the usual requests...Hans is designing the poster, and we are putting up a web site, recapping last (1997) year and introducing next year. Probably ready in a few weeks. The address is ass the regular stuff and meca.edu

- 1) Your bio. Let me know it I should add or delete anything.
- 2) A quote or a statement, any changes?
- 3) A bkw photograph of yourself. (He may or may not use, but we'll have it in case.) We do have some here that Charles took.
- 4) 3-4 biw or color photographs of examples of your work. I do have a few examples you've send in the past, xeroxes.

You may send mail to me at $\frac{97 \text{ Spring Street}}{1}$ I'll be up every week. When does your school start? How do you re-energize? I know I've asked this question before, I'm teaching a mini-foundation intensive at the moment, 3 hrs a day for 8 days. Basic black & white figure-ground exercises. But I didn't schedule in a break between the Institute and teaching. Cops. But Charles, Jack & I actually went out to a restaurant last night. It was great fun, he SAT in a high chair, we actually got to have a beer and eat. It was a loud place, lots of flashing lights. Out by the mall.

Oh yes, Jamra was alittle mad with me that I didn't keep him posted where we went our last night. But the Friday is always so crazy, but he wanted to say goodby to you, so just to let you know... I blew it there... And did Dorothea tell you that Joanne Kaliontaz got hit by a car two days before she was to come here? The only thing she hurt was her right wrist. Her drawing wrist.

OK. Take care, hello to Kathy.

By Noreen O'LEARY

t's no less than Swiss design pioneer Armin Hofmann who describes younger colleague Wolfgang Weingarr as a teaching personality who carries on the "Basel typographic rradition from Jan Tschtchold, through Emil Ruder into the new age," Hofmann, who rightfully takes his own place in that hierarchy, retired ten years ago from Basel's Kunstgewerbeschule, leaving Weingart as the last, well-known heir to the mosr influential design education legacy of the past half-century.

Weingart shares many of the classic values of his predecessors at Basel's School of Design. But he is more well-known, of course, for his departure from them, for radicalizing and challenging those absolutes through his singular intellectual curiosity and experimentation. Some 30 years ago he pushed the tenants of Swiss typography as he began creating highly personal, expressive work. Initially exported

by early students like April
Greiman and the late Dan
Friedman, those ideas were
widely appropriated in the
'70s and '80s, becoming one of
the most profound influences
on American modernism.
Much of what was associated
with 'Swiss Punk' or 'New-

Wave' typography actually began in a small school type lab near the banks of the Rhine where Weingart, working with handset letters and darkroom techniques, pursued his own restless investigations into things like the use of grids, rules, white space, letter spacing, alternate text changes and stepped type.

His was a revolutionary precursor to a digital era where such manipulations, made easy, would form a new visual vocabulary. That technology changed everything for those who work with type—and for those who educate them. Basel's School of Design is currently reassessing its curriculum and teaching methods, with major changes to be announced as early as this summer. Weingart, never comfortable with computers, is at a crossroads himself. Eligible for retirement in five years, the 57-year-old may take advantage of that freedom and leave the program in pursuit of guest-teaching positions at other schools.

Before he does that, he will finish a long-awaited visual memoir, *Typography*, to be published by Lars Müller, Zürich. Weingart is in the final stages of finishing the book, which he expects will be available by late next year. It has been a delayed, time-consuming task. (The late Paul Rand wrote its introduction over

two years ago.) Weingart wanted ro avoid any semblance of a glossy, coffee-table retrospective. To steer clear of what he considers that purely executional format, he relied on his own process-driven instincts as a designer. At 500 pages, Typography offers a stunning, seminal view of the thinking and unlikely influences which have affected his development, supported by type illustrations, collages, photographs and posters.

The book is rhe first time readers will see much of that work, with the author painstakingly recreating old projects and the contents of sketchbooks from the past 40 years. The irreverent Weingart offers an uncharacteristically personal glimpse into his life. His early pieces—a photograph he took as a thirteen-year-old in Spanish Morocco, the drawing of a flower, a first woodcut—reveal ar a young age his original eye. He moves readers from his nomadic childhood, as the stepson of an archeologist in the German Diplomatic Service, to his three-year apprenticeship as a hand-typesetter in Stuttgart and then on to Basel, where in 1968 Hofmann invited him to teach in the-rhen new post-graduate program. Archeology, nature and landscapes are major influences in that visual evolution. Alongside examples of his work, Weingart shows photographic inspiration: A Roman temple in Lebanon, a tooftop in the old city of Jerusalem, paintings in a Maharajah palace in India. His lifelong fascination with handwriting is also apparent.

"I'd say 80% of rhe work in the book has not been seen before," says Weingart, "When I'm asked for examples for publication, I send almost the same things every time. I couldn't have given them these other pieces because I'm not sure people will understand out of context. So I send what has made me so-called 'well-known'."

That celebrity, provoking ubiquitous imitation with little understanding of underlying concepts, caused Weingart's work to fall out of favor among some designers and academics. It even made him lose interest in further development of signature innovations, as he voiced disdain for those he calls "criminalistic copy monkeys." "It was never my intention to create a commercial 'style'," he observes dryly. He cringed as he saw students leave Basel and misuse things like his stretched-out letter spacing. As a result, in the mid-'70s he overhauled his teaching approach to focus on basic problems and principles—many based on traditional Swiss typography—from which students are pushed to develop their

This page: Weingert in the Typeshop. Basel School of Design, mid 1980s.

Right: Kunstkredit 1982/1983. Poster commissioned by the city of Basel,

1983. World Format: 353/s X 503/s

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own forms of expression. The Swiss approach, or International Style, evolved from the tradictions of the Bauhaus, the New Typography of the 1920s and '30s and deStijl. Using right-angle emphasis, practitioners like Ruder and Hofmann combined sans serif type with phorography on underlying grids. Weingart accepts that as a design basis and then busts through those matrixest. "I like to fight against the sriffness of Swiss typography," he says. He challenges students to do likewise. "It's important that 'school' maintains its experimental character," he emphasites. "We need to give students every opportunity to independently develop ideas and learn how to apply them."

His method of problem solving is as simple as the results are visually complex. Weingart explains: "Typography is a triangular relationship between design ideas, typographic elements and printing rechniques, each of which must succeed." By varying the way typographic materials are used according to the ideas and techniques required by the problem, he aims to extend the flexibility of how type functions while still retaining meaning. When done successfully, the results push forward, free of trends in advertising or design. "It is type that is neutral, comparable in a visual sense to pure mathematical exercises," he says.

Like many highly intelligent people, Weingart is a jumble of paradoxes. The foundation for his breakthrough thinking lies in the anachronistic system of lead type and the point and pica system. He has never designed a typeface and sees no need to do so. He is bemused as he recalls meering some renowned American typographers, calling them "fashion characters" who equate great work to the number of fonts employed. "I don't have the need for many typefaces. Berthold's Akzidenz Grotesk is my favorite because it's a little bit ugly. It has character and is monumental, strong and direct," he argues. "After 500 years, Frutiger's Univers was a revolution...all the different weights; how you could mix things and everything lined up. It is incredible but it's too slicky for me." Yet, Weingart separates that personal view-and his classroom practices-from students' other interests in type. "Some of the Emigre faces are wonderful," he allows. "They have humor and fit very well into computer composition." He also voices a personal like for faces such as Keedy Sans, but contends it's a tricky typeface that should only be used by its creator, Jeffery Keedy.

Perhaps most contradictory is reconciling Weingare's distrust of computers with the historical driving interests behind his work. He's never focused on theory, preferring instead to dwell on

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practical exploration of available technology. Before computers, he originated the layering and juxtaposing of film positives to form a darkroom fusion of typography and imagery. He loves to experiment with an old black-and-white Xerox* machine inserting color tubes of red, green and blue. Even more simply, he says "I can make with an old typewriter wonderful rechnology." He was among the first to fully embrace the notion of letters as images in their own right.

"He is one of the most creative typographers ever," says Hofmann, now living in Eucerne, Switzerland. "Since the beginning of printing the relationship between letterforms and image has always presented a problem. With Weingart, no longer are they painfully opposed forces. He treats them in the expression of unity."

Weingart's reluctance to use computers is more of an emotional response rhan that of a technophobe.

"I don't like computers because I don't like to live simulated life," he sighs, "They're inhuman, whether you're designing or thinking. I like my scissors. I prefer the pain of going into the darkroom; seeing how the image develops, how to get the riming just right." He understands his students' need for computer skills but it makes it more difficult to work with them. "They are more interested in the result, than how to get to the result. The process, the type-setting, the mixing of colors—everything is hidden in the machine."

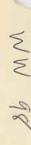
Still, he accepts the inevitability of computers ar Basel, He no longer insists pupils learn to set type by hand, for instance, "The interesting thing about students today is that more and more of these people look alike. They all have the same insignias, the same tennis shoes, the same labels. It's sort of like when you go to a military parade; every man looks the same, "he says. "And when they design, they all work with the same programs. That's the problem with computers—the potential for everyone's work to look alike."

This page: The Round Composings. Originally printed letterpress in 1983, reconstructed for color printing in 1990.

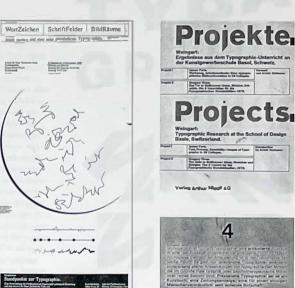
Right: Four ennouncements/posters for the Weingert Retrospective exhibited at the Institut für Neue Technische Form, Darmstadt, Germany, 1990, Projekte (Projects) cover design for a book documenting the typographic work of two students published by Arthur Niggli AG, 1979.

Cover series (No. 4) for the trade magazine Typographische Monatsblötter, published by the Printing and Paper Union of Switzerland, 1970,

Cover series (No. 11) for the trade magazine Typographische Monatablötter, published by the Printing and Paper Union of Switzerland, 1971.







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As he walks around Basel, he is clearly dismayed by the increasing internationalism of the place; the growing number of McDonald's outlets, local embrace of Brooklyn hip-hop culture and Day-Glo graffiti splashed on the city's historic landmarks. One of the most poignant passages in Typography is titled: "Sometimes I wish I lived in the 18th Century," Weingart does his best to replicate it. He doesn't drive, preferring his bike or the tram instead. He and his wife live in a 400-year-old topfloor apartment, nestled between the Basel Music Academy and St. Leonhard's church, Even in mid-winter, windows are kept wide open in his book-filled rooms, infusing them with church bells and chimney scents. He shows little enthusiasm for the consumer concerts around him: One of his only inclulgences are large reels of taped classical music, now nearly impossible to find. He's worn the same weathered raincoat for two decades; the chocolate suede lace-ups he favors are ten years old. Weingart's round face makes him look much younger than his years and former students can rest assured that the way they remember him is still intact: His white long-sleeved shirts swim around his wrists, cuffs unbuttoned, his bangs fall in an asymmetrical sweep across his eyes. Gone are the earlier teaching days when many of his students were closer in age and became peers who shared a beer or a meal after class. Now he is happier to go across to Germany, shopping bags stuffed into his brief-case, to the small border shopkeepers whose red wines and meats he prefers before heading home to his own kitchen, where cooking is self-described "daily therapy." As the only child of two doctors who traveled frequently—and who later divorced learning to cook for himself became an early badge of independence. That trait would inform development through the rest of his life. After discovering Swiss typography from a friend in Sruttgatt, he came to Basel in 1964 to study with Ruder and Hofmann, only to be thrown out of Ruder's class and to have Hofmann leave shortly thereafter for a teaching stint in India. He became self-taught, a process of reinvention that continues.

Whether he stays or not ar Basel, he remains supporrive of the program as it grapples with its own transformation challenges. "The basics of honest thinking are still here. The talent and commitment of the teachers remain. Even though some of the early pillars are gone, their values have been institutionalized," he pauses, reflecting one recent snowy evening, washing vegerables as twilight darkens his kitchen window. "Now we need to

This page: Logo for a book title, 1996.

M Compositions. The letter M constructed as a three-dimensional object, photographically interpreted, 1965–1967.

Right: Oriental Village. Linocut, 1951.

What would be my favorite thing to do tomorrow... Hand-composed metal type and bent lead rules, printed letterpress, 1969.

Experiments with readability, photographic manipulations in film, 1976.

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create a reputation that is as strong in technology as it is in typography. We just have to find the right person ro combine those efforts and when we do, it will be an accident just as it was with Ruder, Hofmann and me."

As accident go, Weingart's arrival at the Swiss school 35 years ago couldn't have been more timely for those interested in resting design conventions. Acting as a bridge between modern typographic traditions and new technology, he has influenced not only countless designers working around the world roday bur also generations of students to come.

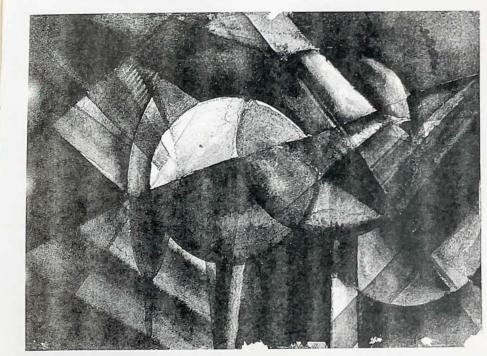
Left, Sketch for poster Kunstkredit 1977/1978, 1978.

Schreibkunst (The Art of Writing), Poster commissioned by the Kunstgewerbemiseum Zürich, 1981, World Format 35½ x 50½ a.

Das Schweizer Plakst (The Swiss Poster). Poster commissioned by the Gewerbemiseum Basel, 1982, World Format 50½ x 255½.

This page, New York Collage, 1975.

Unitided, Watercolor, 1960.



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