HAMILTON WATCH CO., INC.
LANCASTER, PENNSYLVANIA 17604, U.S.A. (717)394-7161

September 6, 1985

Dr. L. F. Friedman
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

License No. 37-03572-06
Docket No. 30-12704
Control No. 103666

Dear Dr. L. F. Friedman:

The following information contains data that we discussed in our telephone conversation in early August. Please accept my thanks for assisting D. M. Fenwick and J. C. Sabol in my absence due to the illness Joe spoke to you about. Their thanks is also sent to you.

All of the following responses are in reference to amend License No. 37-03572-06 which was dated April 10, 1985.

Item 1 - Radiation Safety Course

Enclosed is a copy of the certificates awarded to J. C. Sabol for his completion of the course entitled "Occupational and Environmental Radiation Protection". Joe is officially our Radiation Protection Officer as mentioned in my memo dated July 11, 1985.

Item 2 - Inventory of Hands and Dials containing Tritium

Attached is an updated inventory list by watch model that have dial and/or hands that are tritium painted. The total in house curies of tritium from this inventory is equal to 87 curies.

Item 3 - Swipe Testing

We have contacted Radiation Physics, Incorporated of College Park, Maryland to handle the analysis end of our swipe testing. Also, please note they will handle our urine bioassays due to economics we discovered following up on the swipe test issue.

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37-03572-06 PDR

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Our swipe tests will be done in ten areas of our assembly inspection, and stockroom which are all housed in the third floor of our Wheatland Avenue facility. They will be done on a monthly basis to insure proper levels of radiation containment are met. (See attachment enclosed)

Bioassays will be performed on the operators in each respective area where the hands and dials are handled.

Inspection - 2 operators
Assembly - 4 operators
Stockroom - 1 operator

The bioassays will be forwarded on as monthly basis for analysis to Radiation Physics, Inc.

All operators have been informed of the new procedures by Joe and Dan and will be followed up on by Joe to insure we meet expected levels.

Item 4 - Contingency Plan

In the event we exceed levels that are expected, we will swipe test areas and reclean complete areas until Radiation Physics, Inc. inform us that acceptable levels are now met. Joe will be in charge of the swipe testing and house reports on the results.

Each area will be completely scrubbed with a detergent water solution three times a week to alleviate problems with contamination. In the event of an accident with water, disposal samplings will be sent to Radiation Physics, Inc. for analysis to insure no pollution will be done to the sewer systems of the area.

Again, thank you for your patience in my absence and your courtesy shown for all of us involved in the project here at Hamilton. Please call me if you have any questions regarding anything mentioned in this correspondence.

Sincerely,

Thomas E. Deitzler

Thomas E. Deitzler
Director of Factory Operations

Enclosure

cc: D. M. Fenwick
P. D. Karpouzis
J. S. Sabol
N.R.C. File

HARVARD SCHOOL OF PUBLIC HEALTH

BOSTON, MASSACHUSETTS

THIS CONFIRMS THAT

JOSEPH C. SABOL

participated in the course entitled

OCCUPATIONAL & ENVIRONMENTAL RADIATION PROTECTION

conducted by
the Department of Environmental Science and Physiology
and the Office of Continuing Education

AUGUST 19 *to* AUGUST 23, 1985

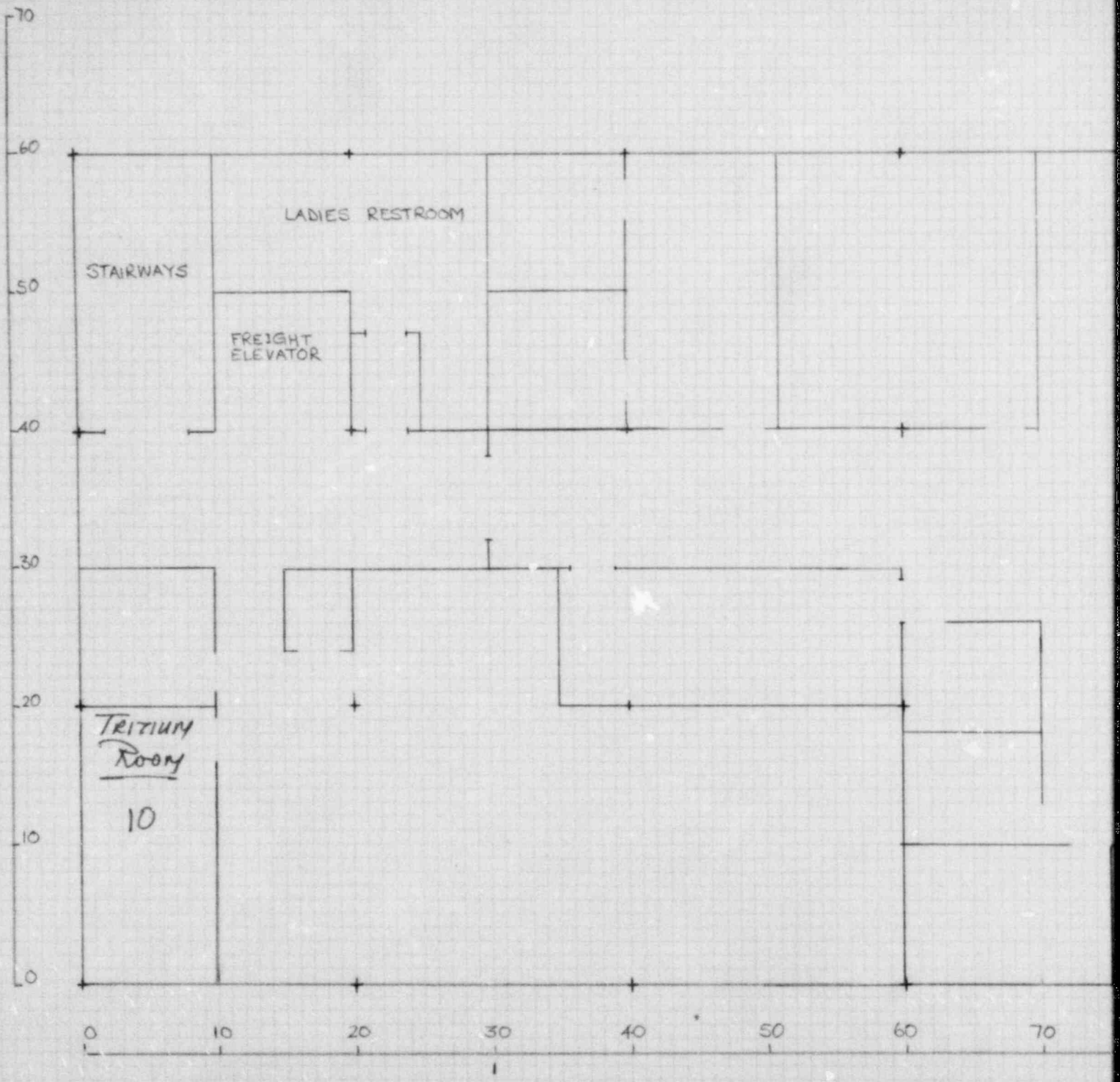
Course Co-Director

Course Co-Director and
Associate Dean for Continuing Education

TRITIUM HANDS + DIALS

INV040 DATED 7/26

DESCRIPTION		PART NO	IN STOCK	ON ORDER	BLANK #	STK	%
7 - Jewel	HAND	092799	3265	0			
↓	DIAL	515499	1748	0			
Khaki PK	HAND	081499	1419	0			
↓	DIAL	510599	302	0	510595	300	
LL BEAN PK	DIAL	514919	21	0			
Khaki	HAND	096839	20622	0			
↓	DIAL	509039	601	1000	509035	5533	
LL BEAN	DIAL	514879	326	0			
17- Jewel	DIAL	512619	15098	0			
Khaki Women	HAND	081479	558	1000			
↓	DIAL	510579	1310	0	510575	585	
Women Khaki-Mt	DIAL	510639	868	0			
LL BEAN	DIAL	514899	149	0	510575	ABOVE	
LL Bean Mt	DIAL	516739	177	0			
LL Bean Dlx FLD	D/M	542110	11	0			
↓	HAND	088339	490	0			
	DIAL	542119	515	0			
Khaki Qtz	HAND	083919	5060	2000			
↓	DIAL	518739	826	3	518735	1266	
LL Bean Qtz	DIAL	518819	1099	994			
Khaki-Mt Qtz	DIAL	518919	427	0	518915	207	
Kh. Qtz Racquet	HAND	087739	0	0			
↓	DIAL	543339	8	100			
LL Bean FLD WT	D/M	538670	40	0			
↓	DIAL	538679	1999	1000			
WEBSTER	DIAL	539019	297	0			
Khaki Qtz Women	DIAL	518759	286	0	518835	10	300
LL Bean Qtz Women	DIAL	518839	92	100			
Khaki-Mt Qtz	DIAL	518899	0	0	519215	128	
LL Bean-Mt	DIAL	519219	431	0			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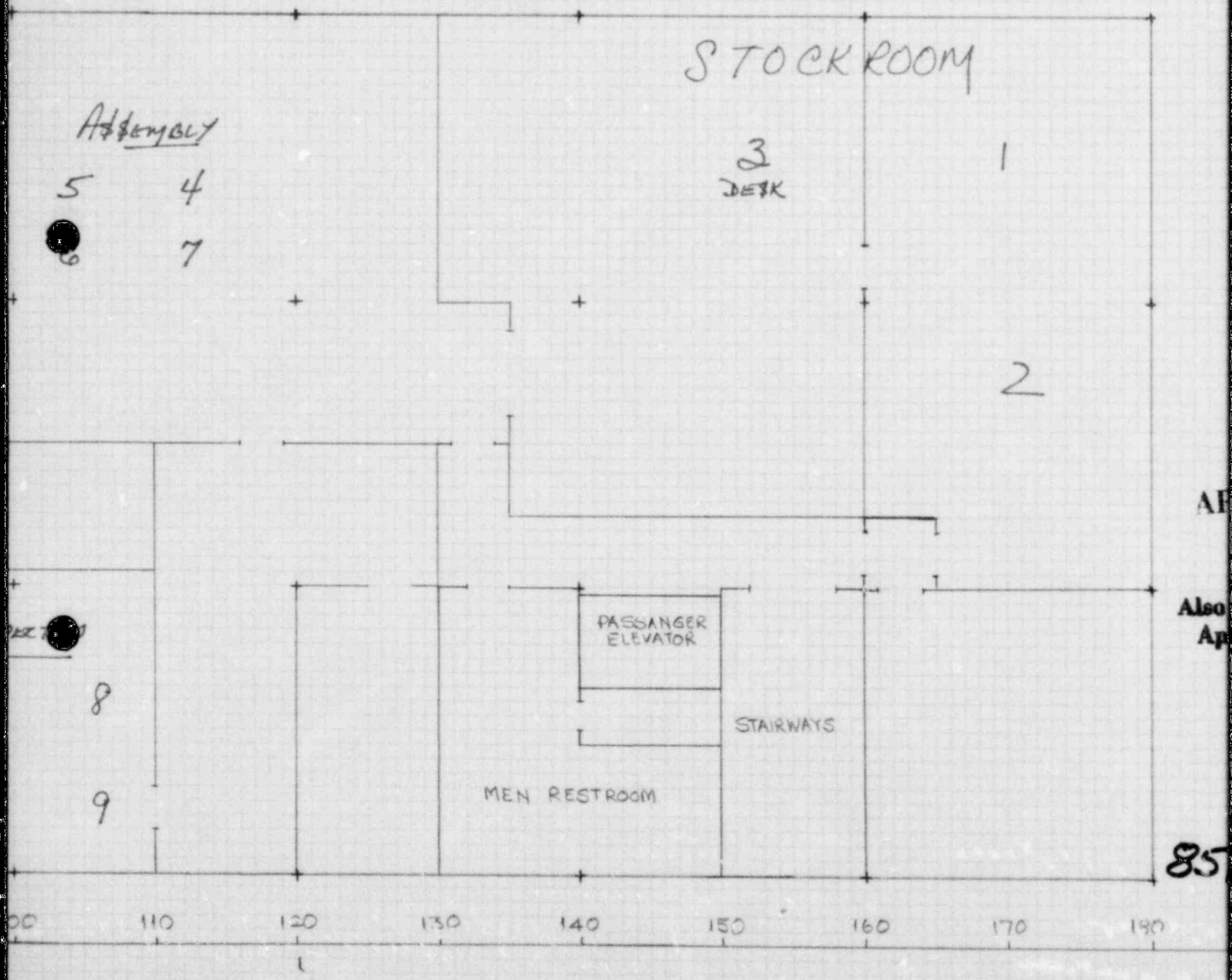
STOCKROOM
ASSEMBLY
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PASSANGER ELEVATOR
STAIRWAYS
MEN RESTROOM
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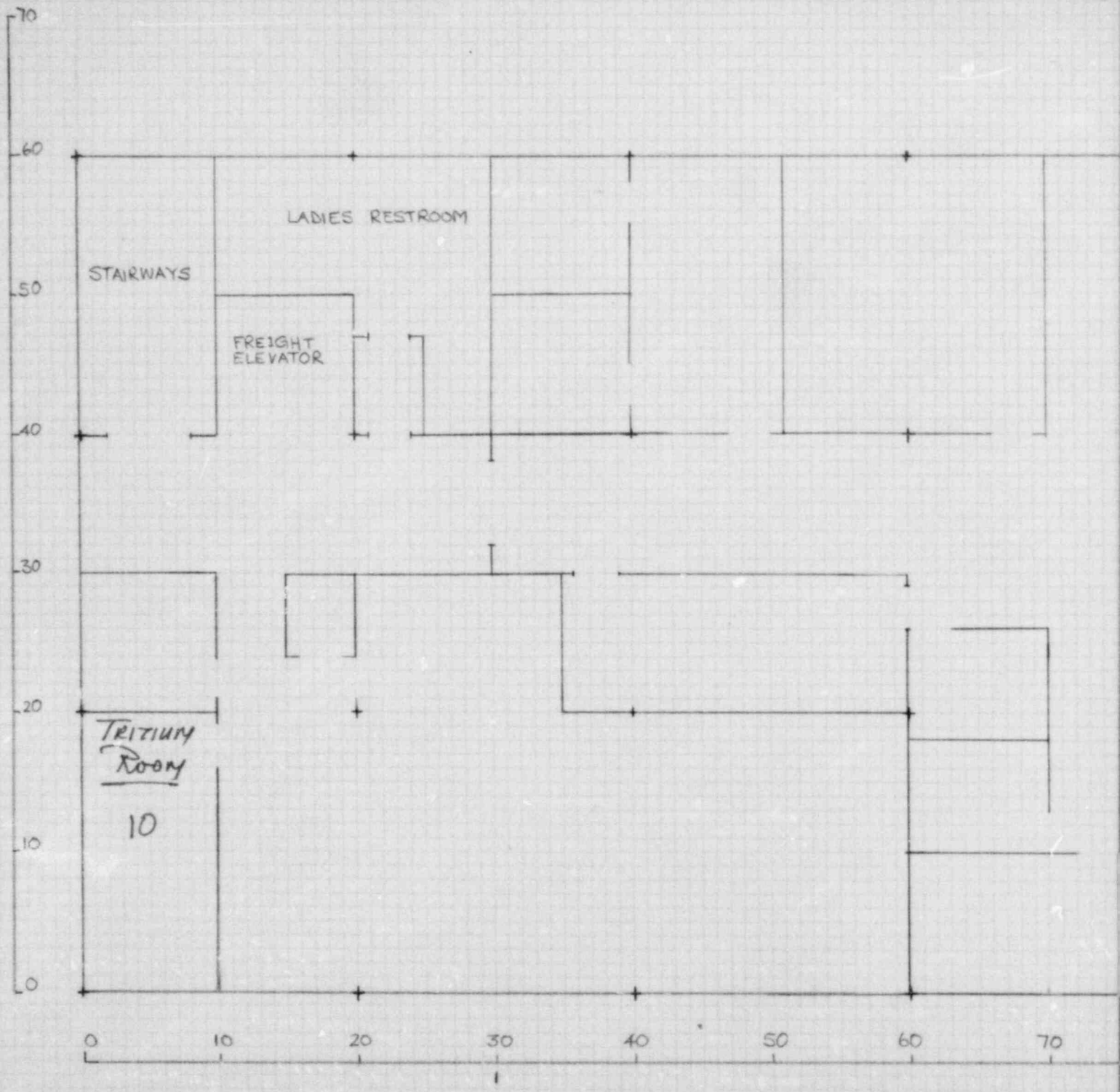
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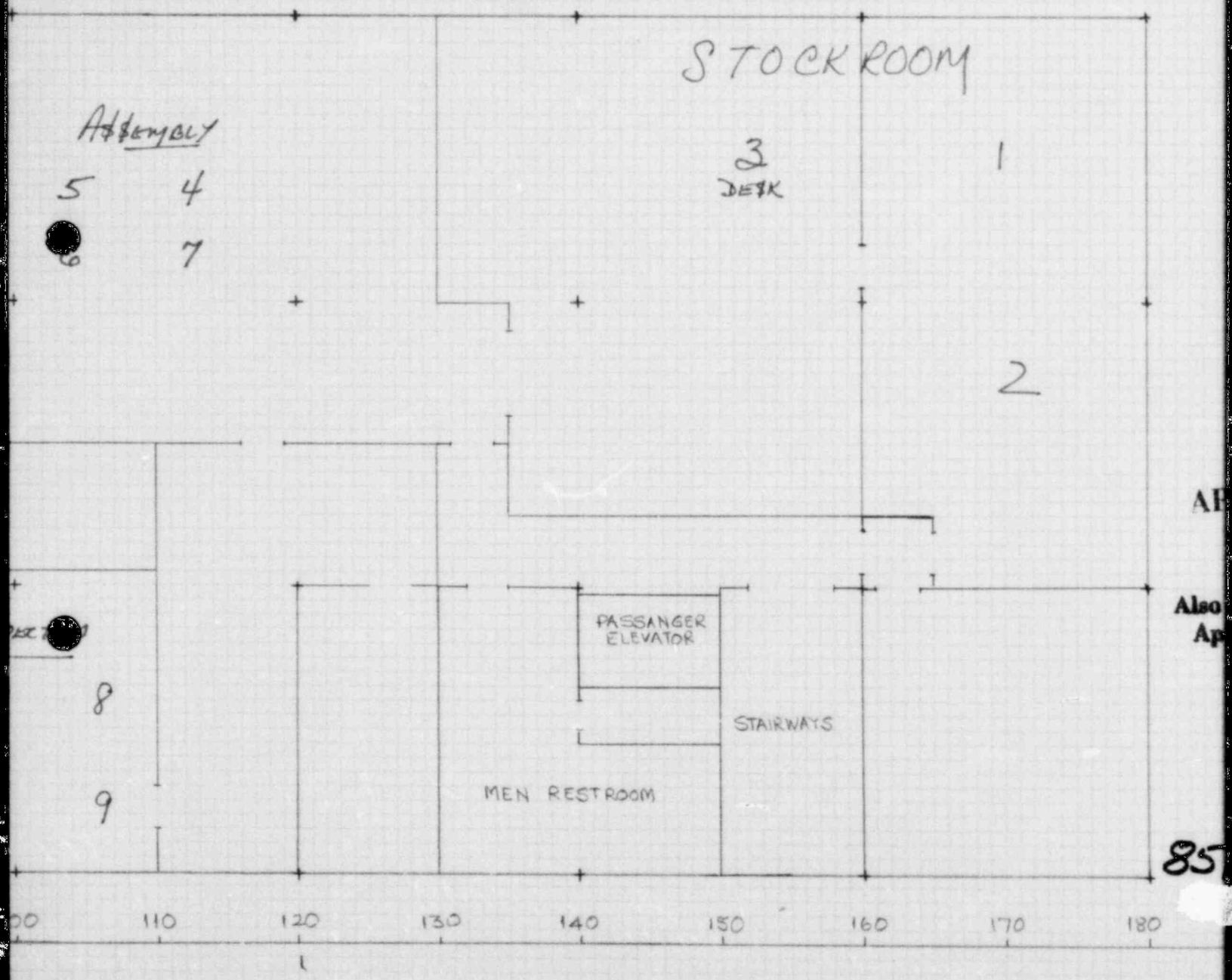
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CONVERSATION RECORD

TIME: 1500 DATE: 7/29/85

TYPE: ☐ VISIT ☐ CONFERENCE ☒ TELEPHONE ☐ INCOMING ☒ OUTGOING

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU	ORGANIZATION (Office, dept., bureau, etc.)	TELEPHONE NO.
Thomas E. Deitzler	Hamilton Watch Co.	

SUBJECT

ROUTING

NAME/SYMBOL	INT

SUMMARY

I explained that, in answer to question 4 of our letter dated 6/24/85, we needed a survey program for solid contamination control. I also asked for a possession limit.

ACTION REQUIRED

"OFFICIAL RECORD COPY"

NAME OF PERSON DOCUMENTING CONVERSATION	SIGNATURE	DATE
	Lawrence F. Friedman	7/29/85

ACTION TAKEN

SIGNATURE	TITLE	DATE