COUNTY OF ULSTER

300 Flatbush Avenue
P.O. Box 1800
Kingston, New York 12401

HEALTH DEPARTMENT

Masood Ansari, M.D.
Commissioner of Health
Patricia J. Cicale, R.N., M.S.
Director of Patient Services
Dean N. Palen, P.E., M.B.A.
Director of Environmental Sanitation
Walter Dobushak, D.O.
Medical Examiner

(914) 338-8443
FAX (914) 338-8443 ext. 200

January 30, 1992

Dr. Alice Chandler, President
State University of New York
College at New Paltz
Route 32
New Paltz, NY 12561

Dear Dr. Chandler:

In consultation with the New York State Department of Health, I have reviewed the PCB wipe, Dioxin/Furan wipe, and air sample results received from Clean Harbors Analytical Services, Inc., the Wadsworth Center for Laboratories and Research, ETC Laboratories and C.T.M. Analytical Laboratories, Ltd. for Capen Hall. In recognition of PCB and Dioxin/Furan levels not being elevated above the cleanup levels, the Department recommends that Capen Hall, Building #9, can be reopened for general admission with the following exceptions: basement level storage room located immediately outside of the transformer room, basement level men's room and basement level women's room pending the final PCB wipe sample results for these rooms.

If you have any questions regarding this recommendation, please contact me.

Sincerely yours,

Dean N. Palen

Dean N. Palen, P.E., MBA
Director of Environmental
Sanitation Division
Ulster County Health Department

DNP/ds
Attachment

cc: Dr. Ansari, Ulster County Health Dept.
Mark Knudsen, NYS Department of Health
Kristine Edwards, NYS Office of General Services
Lindo Signorelli, SUNY Office for Capital Facilities
Paul Pukk, Clean Harbors

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Clean Harbors
ENVIRONMENTAL SERVICES COMPANIES
1200 CROWN COLONY DRIVE
P.O. BOX 9137
QUINCY, MA 02269
(617) 849-1800

January 30, 1992

Mr. Dean N. Palen, P.E., MBA
Director of Environmental Sanitation Division
Ulster County Health Department
300 Flatbush Avenue
Kingston, New York 12401

Dear Mr. Palen:

Due to the recently recieved PCB wipe, Dioxin/Furan wipe and air sample results recieved from, Clean Harbors Analytical Services Inc., ETC laboratories, the Wadsworth Center for Laboratories and Research and C.T. Male, and in consideration of the levels of contamination which are acceptable for occupancy, as developed by your Department, we feel that Gapen Hall fulfills the requirements.

Please find attached all the applicable sample results which include the PCB wipe samples (room by room) the Dioxin/Furan sample (in the basement) and the air samples (which were taken on each floor).

Please also find enclosed the original cleanup plan, cleanup plan addendum and the plan sign off letter.

The following areas that have not as of yet had analysis results that conform with the Department of Health's re-occupancy criteria will have access restricted until the time that additonal cleaning has been performed and satisfactory results have been obtained:

o The storage area in the basement adjacent to the vault.
o The men's and women's room in the basement.

Sincerely,

Paul Pukk
Senior Project Manager
Clean Harbors of Kingston, Inc.

cc: Kristine Edwards, NYS Office of General Services
Mark Knudsen, NYS Department of Health
Dr. Ansari, Ulster County Health Dept.

Clean Harbors
ENVIRONMENTAL SERVICES COMPANIES
1200 CROWN COLONY DRIVE
P.O. BOX 9137
QUINCY, MA 02269
(617) 849-1800

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January 30, 1992

Mr. Dean N. Palen, P.E., M.B.A.
Director of Environment Sanitation Division
Ulster County Health Department
300 Flatbush Avenue
Kingston, New York 12401

Please find attached the plans for cleaning and opening the following buildings on the State University of New York campus in New Paltz

Building: Capen Hall

Revision: 1.6, Addendum 1.1

I have received, reviewed and approved this plan.

Paul Pukk
Clean Harbors of Kingston

Dean N. Palen 1/30/92
Dean N. Palen, P.E., MBA
Ulster County Health Dept.

K Edwards 1/30/92
Kristine Edwards
NYS Office of General Ser.

I have inspected the completed work and it meets with my approval

Paul Pukk
Clean Harbors of Kingston

Dean N. Palen 1/30/92
Dean N. Palen, P.E., MBA
Ulster County Health Dept.

K Edward 1/30/92
Kristine Edwards
NYS Office of General Ser.

CLEANUP PLAN FOR CAPEN DORMITORY
Addendum 1.1 to Revision 1.6
Date 1/30/92

Analytical results of a wipe sample in the Capen basement store room indicated 22 micrograms per 100 square centimeter PCB contamination. The wipe sample was taken from the top of a toaster oven. Due to the nature of items located in the store room all loose items shall be bagged or poly wrapped and placed in the low level contamination roll off container located behind Scudder building.

Once all the items located in the storage room are removed Industrial clean the floor and all horizontal surfaces including desk tops, countertops, window sills, etc. Follow the Industrial Cleaning Procedure during cleaning operations. All high skin contact surfaces such as doorknobs, chairs, etc. shall also be cleaned. Work shall be completed in level of protection B.

No isolation is required to complete these activities.

One post cleaning sample shall be taken.

1/30/92

The two washrooms in the basement which received unsatisfactory results from the 1/29/92 set of samples will be Industrial Cleaned (according to protocol) and be re-tested. The rooms will be restricted until satisfactory results are obtained.

CLEANUP PLAN FOR CAPEN DORMITORY
PLAN DATE 1/16/92 Page 1 Rev. 1.6

Industrial clean the floor in room B2 and all horizontal surfaces in the Public access areas of the basement including floor, desk tops, countertops, window sills, etc. (for discription of Industrial Cleaning see Cleanup Plan for Gage Dorm) and also high skin contact surfaces such as doorknobs, chairs etc. Carpets will be cleaned using a sponge mop to apply the TSP and detergent. Water will be introduced at a controlled rate to avoid saturation of the carpet. A wet dry vacuum will be used to collect the detergent solution and rinse solution from the carpet. If the zone is designated "C" a carbon filter must be attached to the exhaust of the vacuum if it is not HEPA equiped.

** Target Complete Date 1/12/92

Complete isolation of transformer vault area in anticipation of removal of liquid from transformer and removal of transformer hulk. Isolation in areas that have an option will extend 3 feet beyond the known level "B"/Heavier contamination zone. See building specific plan for transformers from each vault. (Seperate Plan).

** Target Complete Date 1/13/92

For possible entry by State employee (non-student) for personal possision removal we recommend Security surveillance. The area immediately adjacent to the vault will be securily isolated at this time and caution tape will be used to identify higher risk zones.

** Target Complete Date 1/15/92

Before every entry into transformer vault, if some modification to the electrical supply to the building has occured since the last entry, a OSHA certified Electrician must be employeed to assure that the vault area is de-energized. OGS Electrician to enter vault under level "B" to inspect wiring and access for new service. Arrive at 8 am on 1/13/92. Refer to OGS memo dated 1/12/92 for specific details.

** Target Complete Date 1/14/92

Pump out transformer oil. Isolate transformer from transformer vault, clean the transformer in place, knock the wall out within the enclosure, the penitration will through an outside wall, remove the outside enclosure and extract the transformer. The transformer will be placed into a drip pan for transportation to the PCB storage area where it will be stored on a drip pan. Remove bricks that are necessary for transformer removal in a fashion as to elliminate dust and contaminant release. The bricks from this operation will placed into a seperate container, which will be a registered hazardous waste hauler's, until after analysis that is required for disposal.

** Target Complete Date 1/20/92

Modify the isolation enclosures to allow for double wash/double rinse with no escape of wash waters. This will necessitate the installation of a wooden door that is backed up for water tightness with polyethylene. Perform wash inside vault following procedures in the Jan. 5, 1992 document "Emergency Response Procedures". Collect all generated wastes in the proper containers (17C liquids, 17H solids) and store and label as if they contained PCB contaminated materials. Test for disposal parameters only.

** Target Complete Date 1/22/92

Perform PCB wipe postclean sampling.

** Target Complete Date 1/23/92

Recieve Draft PCB wipe sample results

** Target Date 1/25/92

Open Capen Building

** Target Date 1/26/92

Post Sampling Plan - One sample per student room on one of the desks and two samples per level in the hallways in the middle of each wing. One sample outside the vault. One sample in B2.

Building # 9 (CPH)

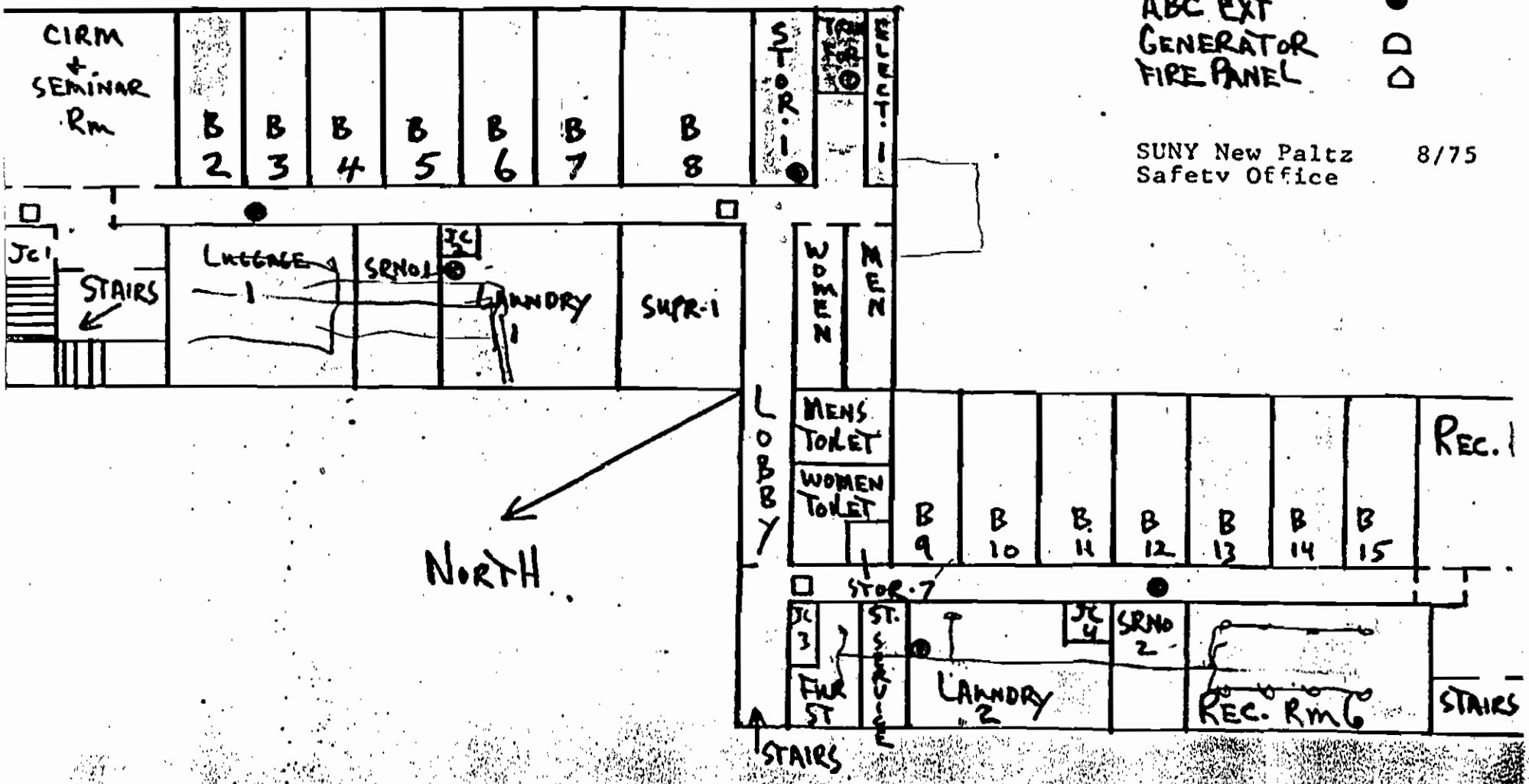
CAPEN HALL BASEMENT

[redacted] Double wash / Rinse
Clean walls / Floor
Clean Floors

Minneapolis-Honeywell

FIRE ALARMS □
PW. EXT. ●
Co2 EXT ⊖
ABC EXT ●
GENERATOR ⌂
FIRE PANEL ⌂

SUNY New Paltz 8/75
Safety Office

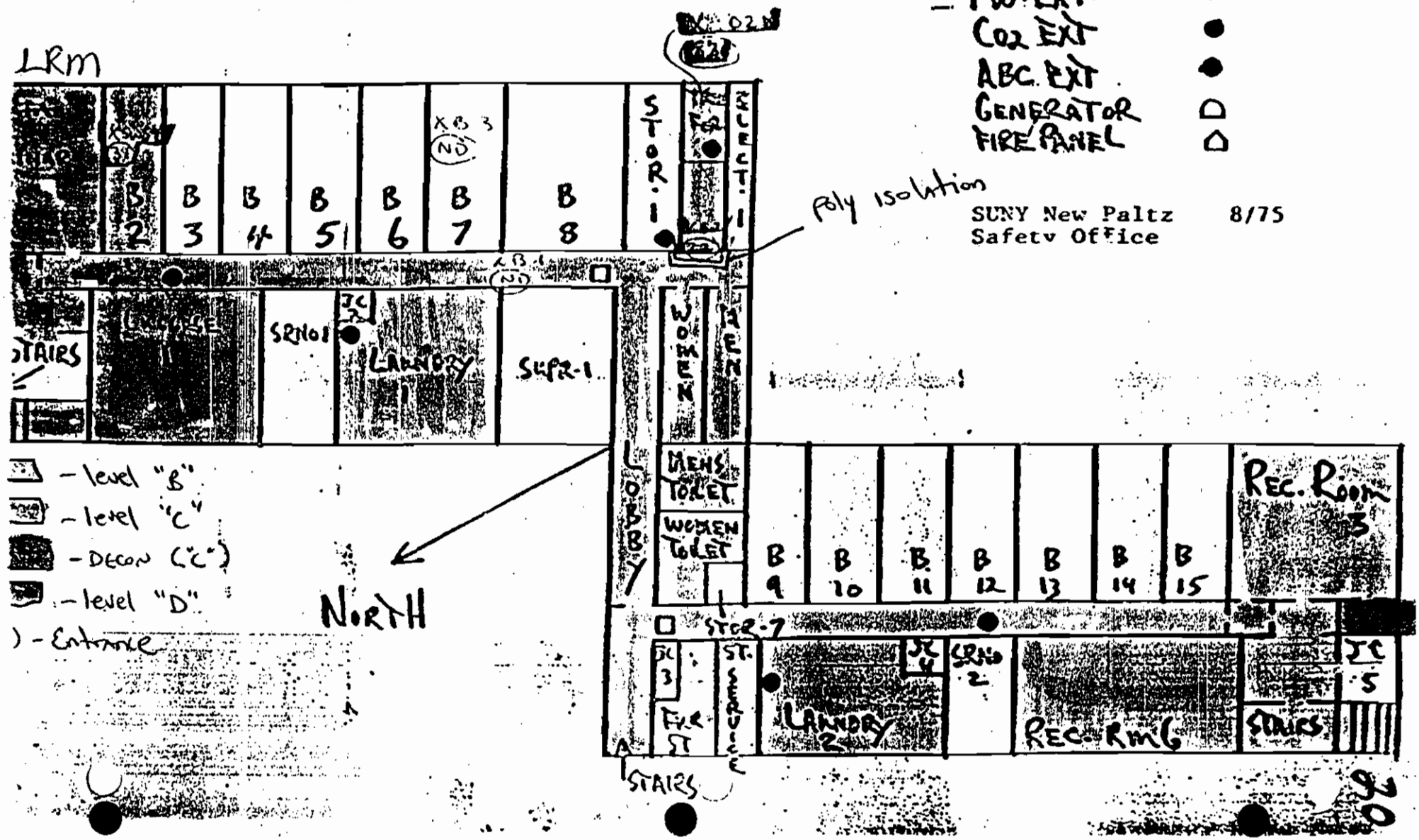


Building #9 (CPH)

CAPEN HALL BASEMENT

Minneapolis-Honeywell

FIRE ALARMS □
PW EXT. ●
CO2 EXT ●
ABC EXT ●
GENERATOR ⌂
FIRE PANEL ⌂



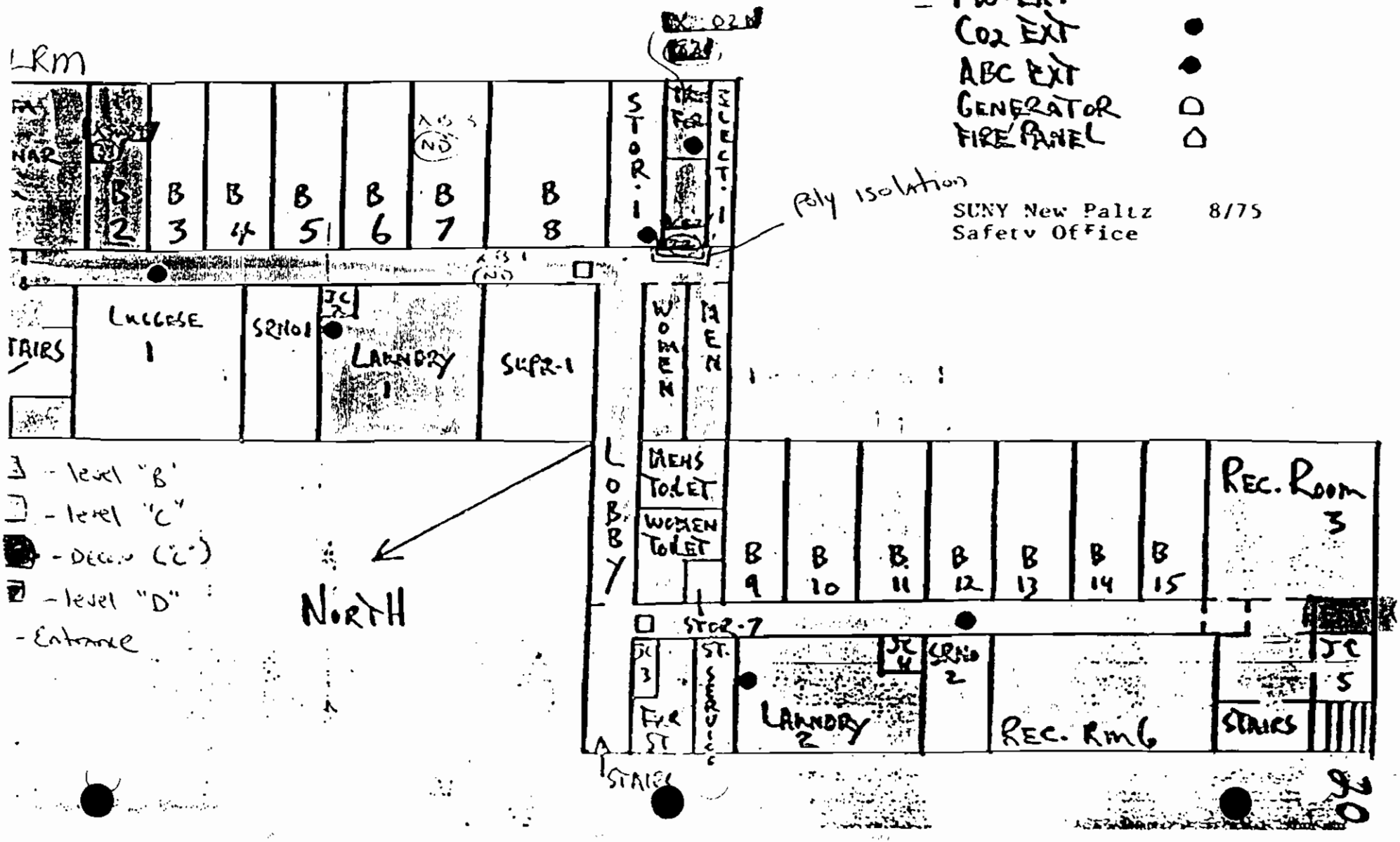
SUNY New Paltz 8/75
Safety Office

Building # 9 (CPH)

CAPEN HALL BASEMENT

Minneapolis-Honeywell

- FIRE ALARMS □
- PW. EXT. ●
- Co2 EXT ●
- ABC EXT ●
- GENERATOR ⌂
- FIRE PANEL ⌂



SUNY New Paltz 8/75
Safety Office

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January 16, 1992

Mr. Dean N. Palen, P.E., MBA
Director of Environmental Sanitation Division
Ulster County Health Department
300Flatbush Ave.
Kingston, New York 12401

Please find attached the plans for cleaning and opering the following buildings on the State University of New York cespus in New Paltz.

Building: Capen Hall

Revisions: 1.6

I have received, reviewed and approved this plan.

Paul Pukk
Clean Harbors of Kingston

Dean N. Palen 1/16/92
Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Kristine Edwards 1/16/92
Kristine Edwards
NYS Office of General Services

I have completed the completed work and it meets with my approval.

Paul Pukk
Clean Harbors of Kingston

Dean N. Palen 1/30/92
Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Kristine Edwards 1/30/92
Kristine Edwards
NYS Office of General Services

Pump out transformer oil. Isolate transformer from transformer vault, clean the transformer in place, knock the wall out within the enclosure, the penitration will through an outside wall, remove the outside enclosure and extract the transformer. The transformer will be placed into a drip pan for transportation to the PCB storage area where it will be stored in a drip pan. Receive bricks that are necessary for transformer removal in a fashion as to elliminate dust and contaminant release. The bricks from this operation will placed into a seperate container, which will be a registered hazardous waste hauler's, until after analysis that is required for disposal.

** Target Complete Date 1/20/92

Modify the isolation enclosures to allow for double wash/double rinse with no escape of wash waters. This will necessitate the installation of a wooden door that is backed up for water tightness with polyethylene. Perform wash inside vault following procedures in the Jan. 5, 1992 document "Emergency Response Procedures". Collect all generated wastes in the proper containers (17C liquids, 17H solids) and store and label as if they contained PCB contaminated materials. Test for disposal parameters only.

** Target Complete Date 1/22/92

Perform PCB wipe postclean sampling.

** Target Complete Date 1/23/92

Recieve Draft PCB wipe sample results

** Target Date 1/25/92

Open Capen Building

** Target Date 1/26/92

Post Sampling Plan - One sample per student room on one of the desks and two samples per level in the hallways in the middle of each wing. One sample outside the vault. One sample in 22.

CLEANUP PLAN FOR CAPEN DORMITORY
PLAN DATE 1/16/92 Page 1 Rev. 1.5

Industrial clean the floor in room B2 and all horizontal surfaces in the Public access areas of the basement including floor, desk tops, countertops, window sills, etc. (for discription of Industrial Cleaning see Cleanup Plan for Gage Dorm) and also high skin contact surfaces such as doorknobs, chairs etc. Carpets will be cleaned using a sponge mop to apply the TSP and detergent. Water will be introduced at a controlled rate to avoid saturation of the carpet. A wet dry vacuum will be used to collect the detergent solution and rinse solution from the carpet. If the [illegible] designated [illegible] to the exhaust of the [illegible] HEPA equipped.

** Target Complete Date [illegible]

Complete isolation of transformer vault area in anticipation of removal of liquid from transformer and removal of transformer [illegible]. Isolation in area [illegible] will extend 3 feet beyond the known level "2" [illegible] contamination zone. See building specific plan for transformers from each vault. (Seperate Plan).

** Target Complete Date [illegible]

For possible entry by State employee (non-student) for personal possision removal we recommend Security surveillance. The area immediately adjacent to the vault will be securily isolated at this time and caution tape will be used to identify higher risk zones.

** Target Complete Date 1/15/92

Before every entry into transformer vault, if some modification to the electrical supply to the building has occured since the last entry, a OSHA certified Electrician must be employeed to assure that the vault area is de-energized. CCS Electrician to enter vault under level "2" to inspect wiring and access for new service. Arrive at 8 am on 1/13/92. Refer to CCS memo dated 1/12/92 for specific details.

** Target Complete Date 1/14/92

CLEANING PROCEDURE
ALL BUILDINGS
PROCEDURE FOR DEALING WITH ITEMS IN ROOMS TO BE INDUSTRIAL CLEANED.

PROCEDURE TO DEAL WITH ITEMS IN ROOMS TO BE PCB CLEANED WILL FOLLOW AND PROBABLY BE BUILDING SPECIFIC.

NOTE: Rooms that are found open, can be locked, and were not scheduled for cleaning will be locked with a note to that effect entered the appropriate log book. Example Room 113 in Gage.

Rooms that are in the Public areas that are scheduled for cleaning that contain items will still be cleaned. To assure that the cleaning can be documented to a satisfactory degree and that the items do not impair the progress of the cleaning the items will have to be either relocated or removed and disposed of. The general rules will be:

1) Low value, porous, high contact items: such as magazines, paper towels, toilet paper, fabric towels, etc.

2) High value, porous, high contact items: such as fabric covered sofas and chairs, mattresses, protective athletic clothing, etc.

3) High value, impervious items: such as plastic furniture, bicycles, wooden furniture with a good intact finish, etc.

4) Low value, impervious items: such as food associated items, plastic crates, and childrens' play things, pens, etc.

Categories 1, 2, and 4 will be removed, in a fashion that will not release or spread any contaminates, stored as if they were PCB contaminated materials. Final disposal will be dependent on testing.

Category 3 will be relocated onto polyethylene in a previously cleaned area after Industrial Cleaning of all surfaces that can be considered high contact (see examples below). If there is any questions as to if a surface is high contact then the surface will be cleaned.

Examples of High Contact Surfaces to be Cleaned for Category 3 Items:

Plastic Furniture: Chairs - seat, back of chair, arm rests
Bicycles - seat and handle bars
Tables - top, edges

PROCEDURES
PCB CLEANUP

INDUSTRIAL WASHING - To be used in areas that are to be occupied

Using a solution of water, trisodium phosphate, and a commercially available detergent (which has good surfactant characteristics) prepare to enter the work zone under the proper level of protection. Additional materials and equipment include spray units (such as those used to apply chemicals to gardens), sponge mops, long handled brushes (with relatively stiff bristles), 3 five gallon buckets (or equivalent), 17C drums for storage of wash and rinse water, 17H drums for storage of used brushes and mops.

Step 1. Remove all articles from work area. Mats, clothing, towels etc located on the floor should be containerized for disposal while larger items such as furniture should be relocated onto poly sheeting for later evaluation. Inventory all discarded materials and provide a written report with any and all serial numbers to the OGS office.

Step 2. Apply cleaning solution to surface to be cleaned with either a sponge mop or brush. Do not use excessive wash solution but make sure the area is thoroughly wetted and worked into the surface. If additional solution is required on the sponge or brush it must be dipped into a rinse bucket of water before it is dipped into the wash solution bucket to avoid contamination of the wash solution. The rinse solution bucket and wash solution bucket contents should be changed frequently to avoid the spread of the contaminate. The mop or brush should be discarded on a regular basis and replaced with a new unit frequently to avoid cross contamination. All work should progress from the upper levels of the building to the lower levels or the lowest contamination level to the highest and this decision will be made on a case by case basis. Avoid traffic in washed areas.

Step 3. Rinse the solution with a bucket of water and mop. The mop should not have been used in the washing step. The water and mop should be discarded and replaced frequently to avoid cross contamination. Avoid traffic in these areas until dry and samples, if necessary have been obtained.

PROCEDURE FOR CLEANING CARPETING

Equipment and materials necessary for this step are a vacuum capable of wet work and equipped with a HEPA filter, a brush with stiff bristles, two garden sprayers, 17C drums.

1) Apply a dilute solution of water, TSP and detergent to the carpeted area using a garden sprayer. Do not over saturate the area which may spread the contamination. Work the solution into the carpeting using the long handled brush. Remove as much wash solution as possible from the carpet using the vacuum. Apply the rinse water to the carpet using the other spray unit. Be

with the vacuum. Work from lowest to highest concentration and from upper levels to lower levels with care to work in a manner to allow exit without crossing the cleaned areas. Let dry and sample (see below).

PROCEDURE FOR SAMPLING CARPETS- (this will only be used when specified in the "Post Sampling Plan").

Since wipe sampling is not feasible for porous and pliable surfaces such as carpets the following procedure will be used.

1) Select the area to be sampled and identify it on the maps, sample location log, bottle, and chain of custody.

2) Using a 30 cm by 30 cm template mark out the spot to be sampled. Be aware that this will be a destructive analysis which means that some material is to removed from the carpet leaving a relatively bald spot so this should be taken in consideration when selecting the area to be sampled.

3) Using a set of finger nail scissors cut as much of the carpeting material away from the carpet backing as possible. Place the material in a suitable container which should be pre-labled. Be aware that there is a minimum required weight amount that will be required to obtain the desired detection limit desired. The area to be sample may be required may need to be adjusted to accommodate this fact.

4) Discard the latex gloves before sampling the next location.

5) Carefully decontaminate the scissors with methanol or discard before sampling the next location.

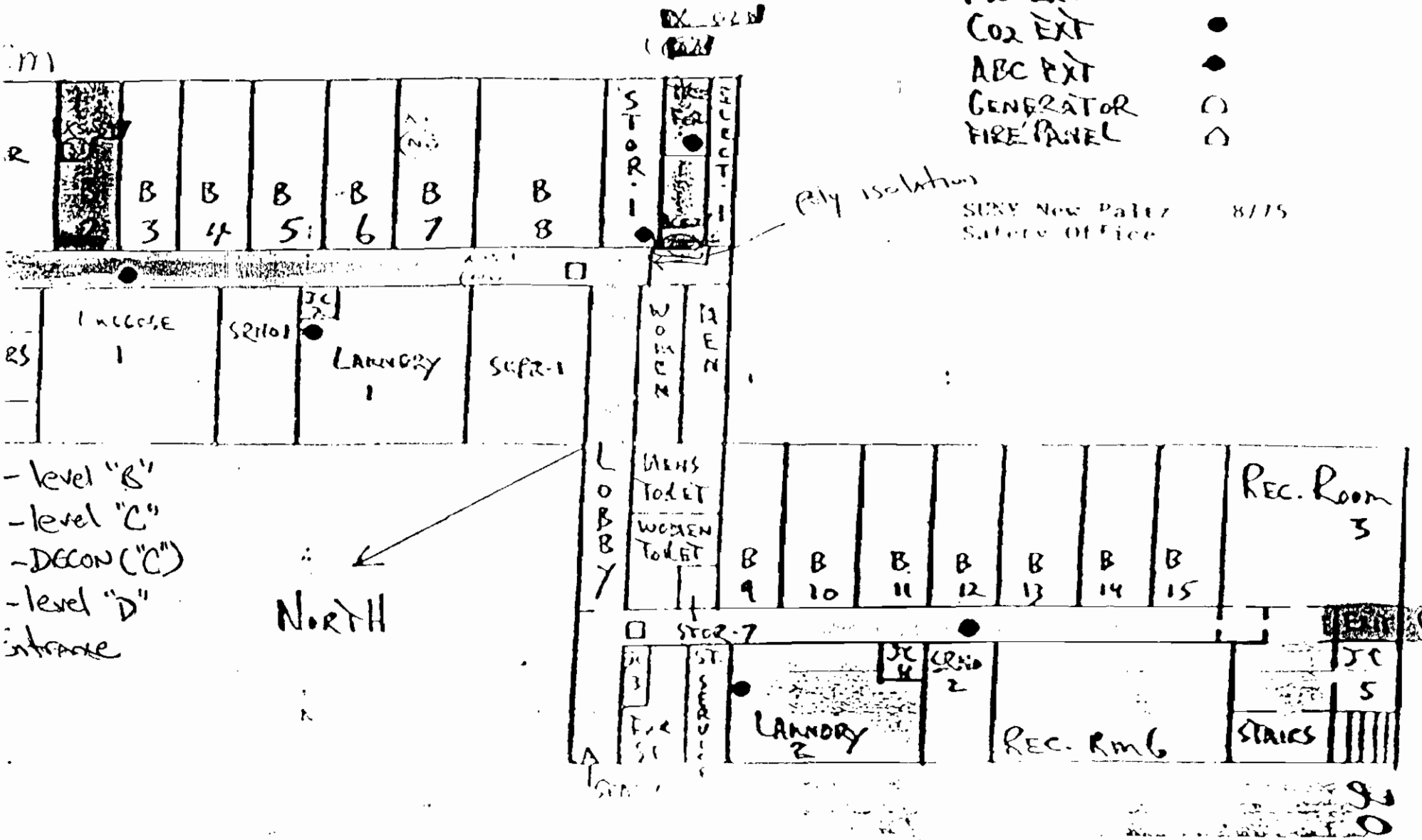
Building # 9 (Cont.)

CAPEN HALL BASEMENT

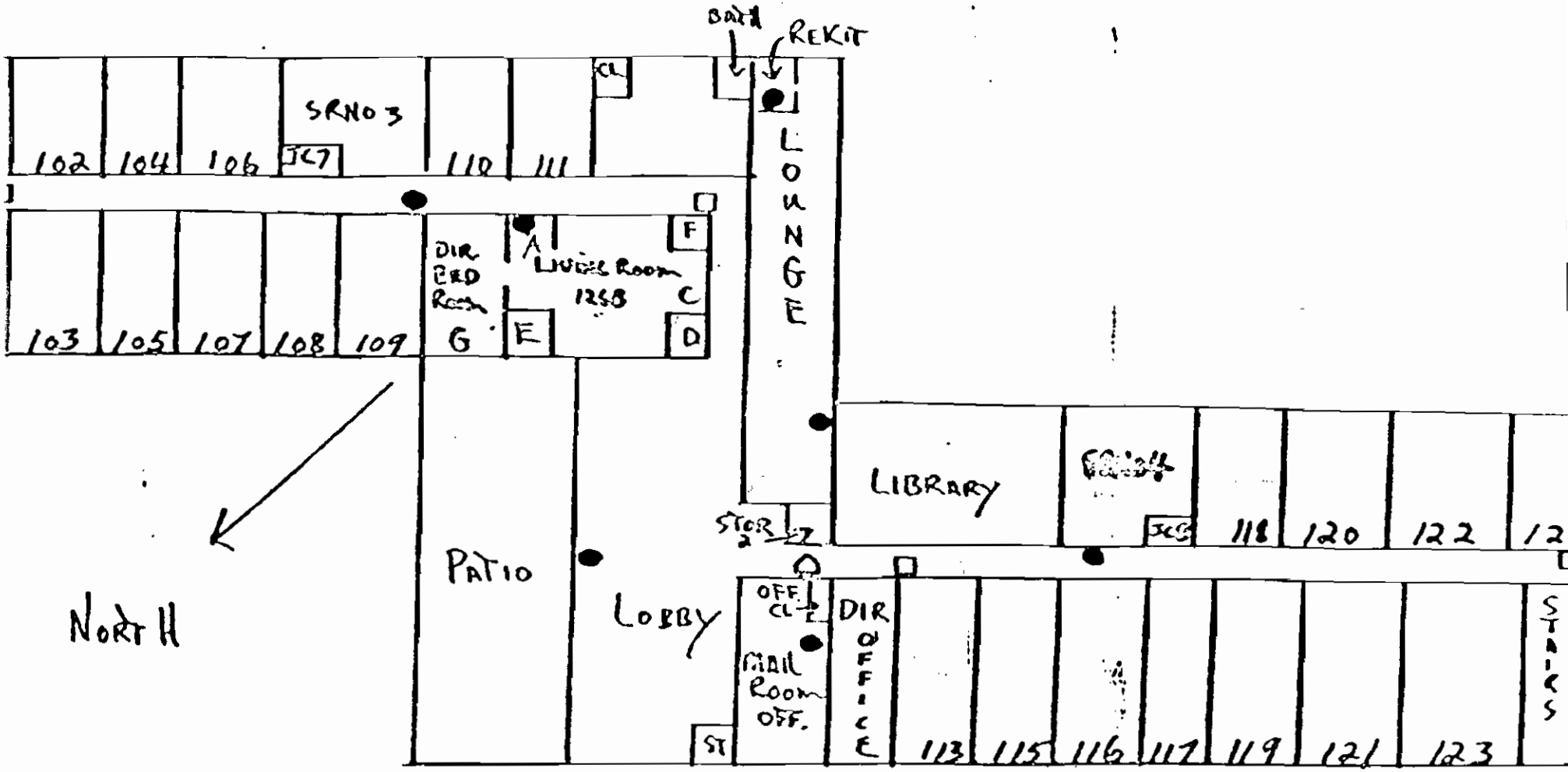
Minneapolis-Honeywell

FIRE ALARMS
PW. EXT.
CO2 EXT
ABC EXT
GENERATOR
FIRE PANEL

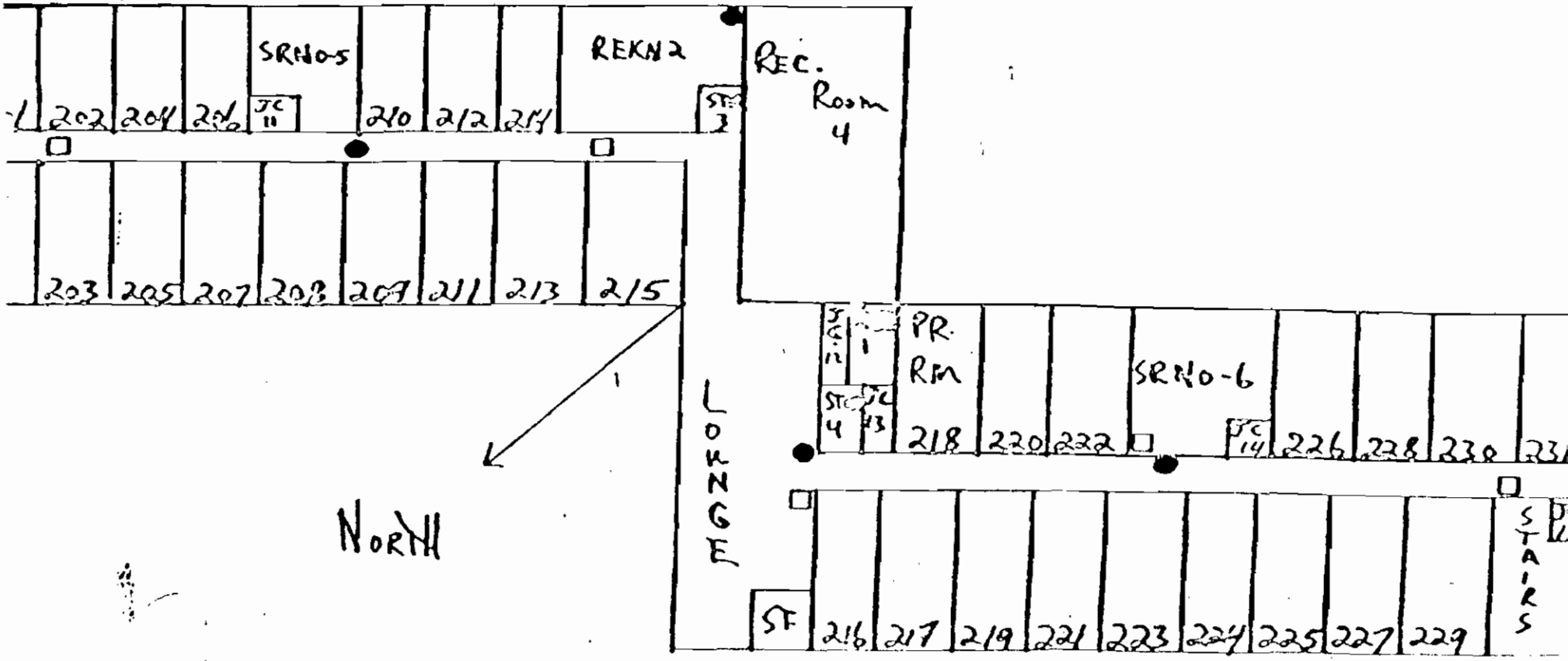
SUNY New Paltz 8/75
Safety Office



CAPEN HALL - FIRST FLOOR

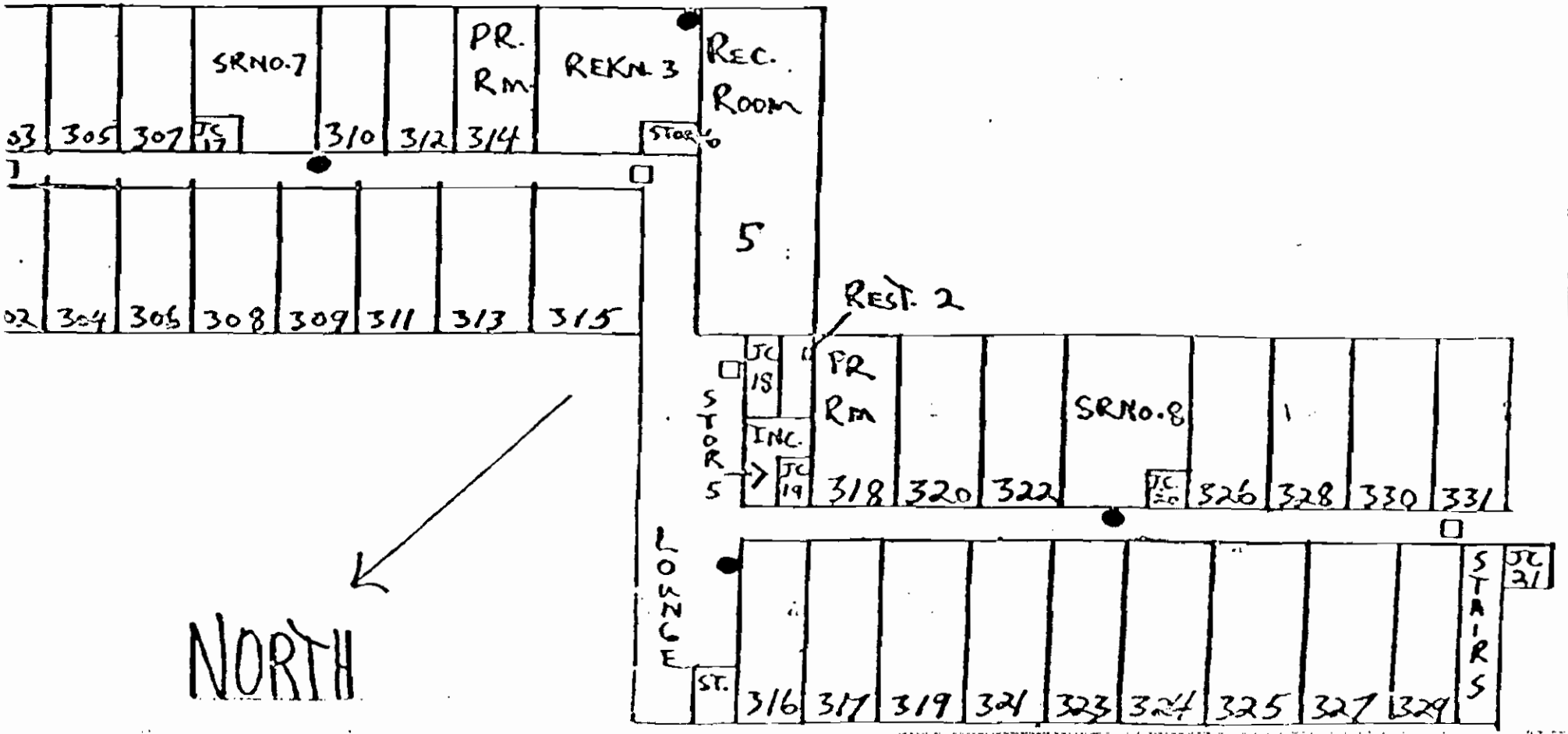


CAPEN HALL - SECOND FLOOR



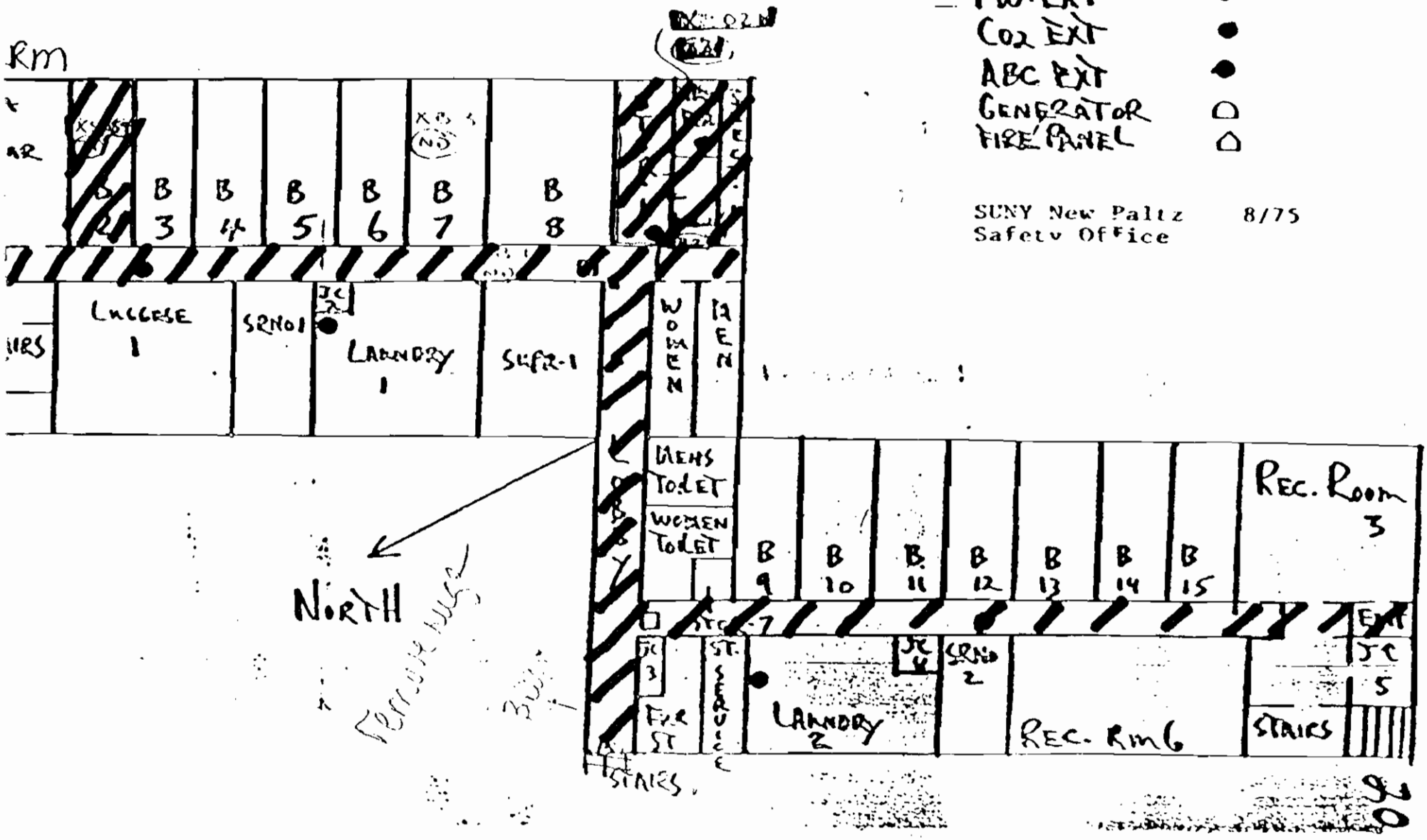
CAPEN HALL

THIRD FLOOR



Building # 9 (CPH)

CAPEN HALL BASEMENT



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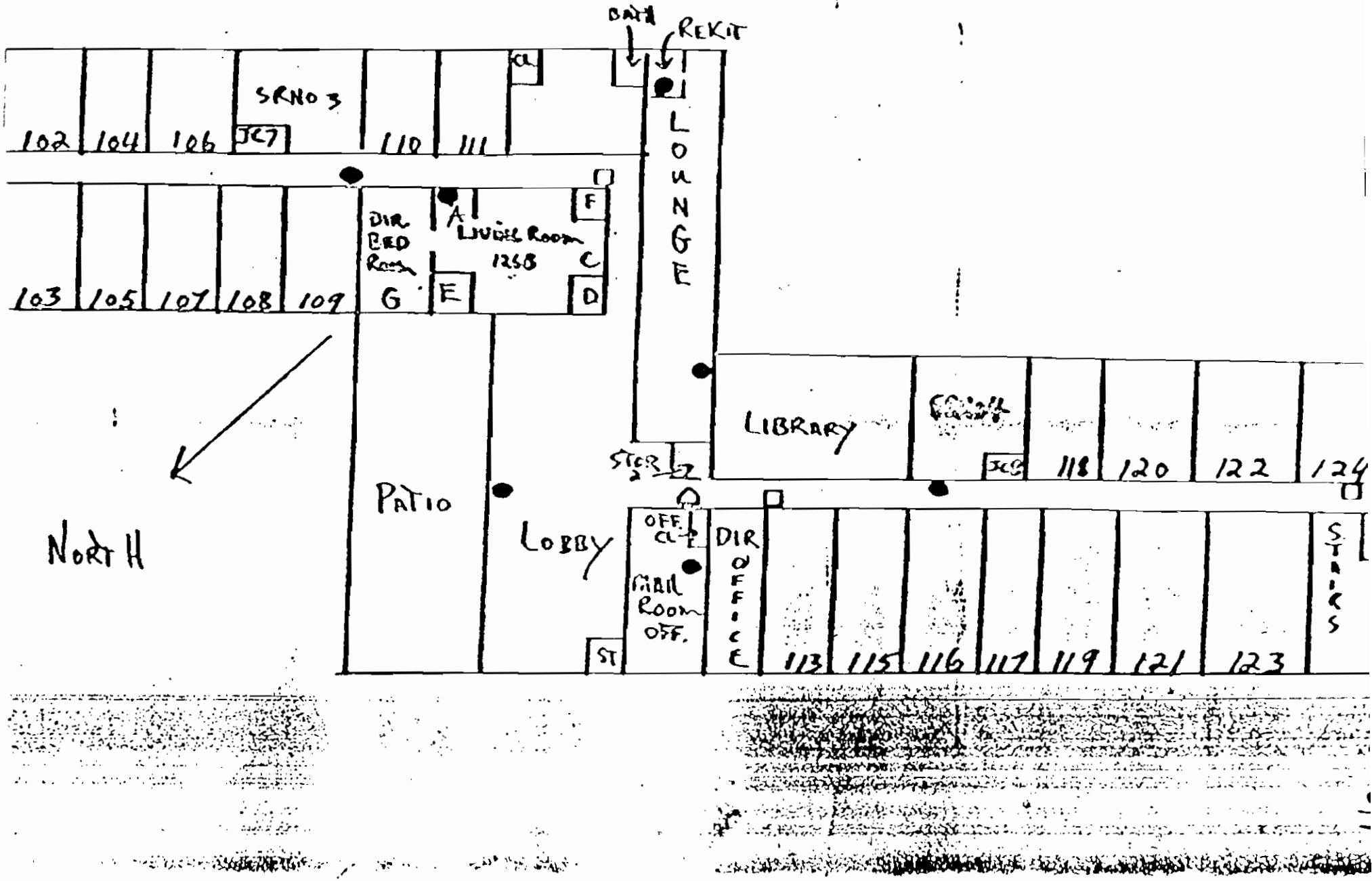

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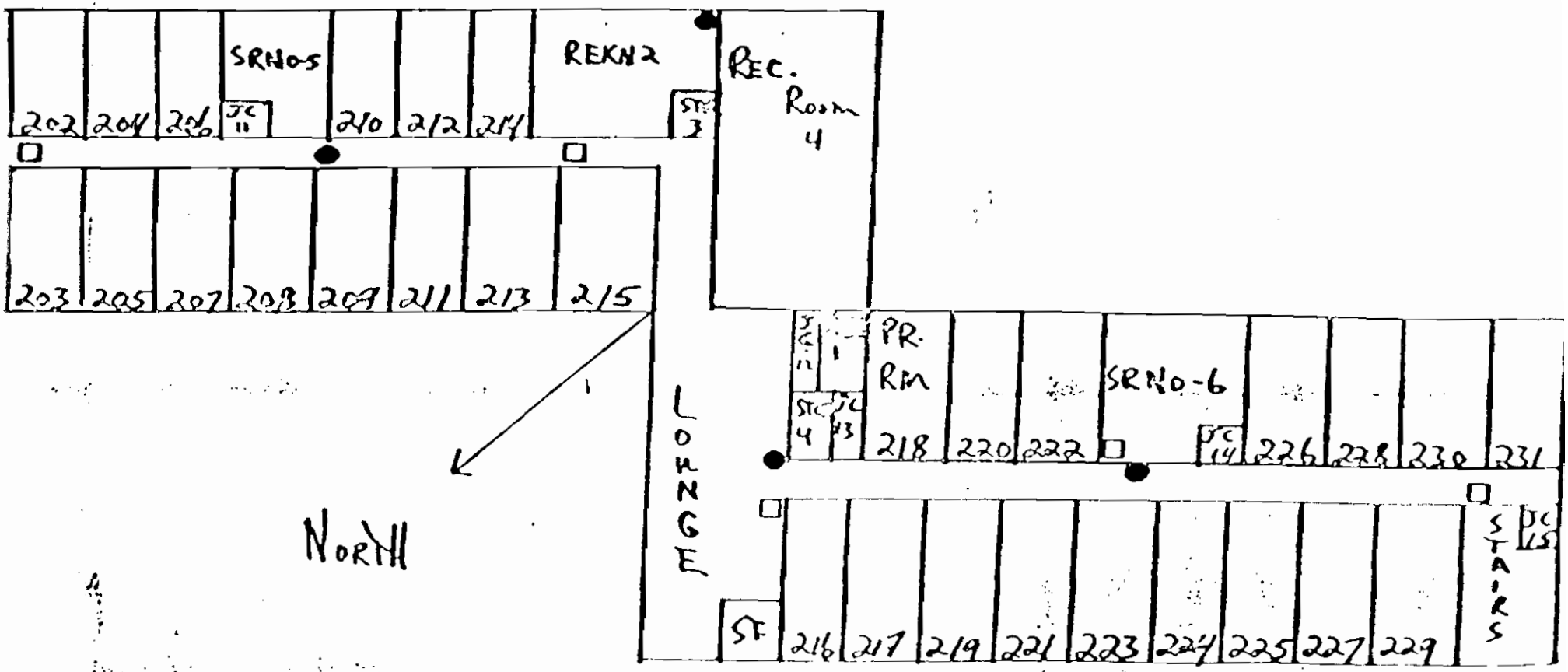

CAPEN HALL

THIRD FLOOR