

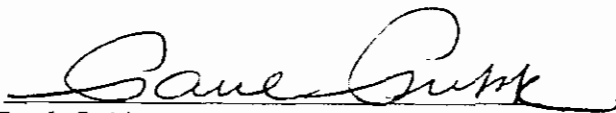
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January 9, 1992

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

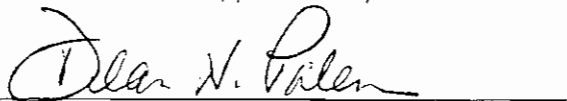
Please find attached the Cleaning and Opening plan for
Capen, Bardes, and the Campus Health Center.

This is Revision 1.1



Paul Pukk
Clean Harbors

Received and approved by



Dean N. Palen
Director of Environmental Sanitation Division

SUNY
BUILDING CLEANUP PLAN

Revision 1.1

1/7/92- NIGHT
CLEANUP DOC 1

***** CAPEN *****

DOUBLE WASH/DOUBLE RINSE THEN CONFORMATION WIPES ON INSIDE
OF VAULT.

INDUSTRIAL CLEAN THEN CONFORMATION SAMPLING IMMEDIATELY
OUTSIDE VAULT. DISPOSE OF MATS. Walls, floor, ceiling

INDUSTRIAL CLEAN THEN RESAMPLE ROOM B-2

-CHI will define the areas to Action Cleaning.
-Carpets will be cleaned not removed.

***** BARDES HOUSE - RESCUE *****

INDUSTRIAL CLEAN FLOORS- DISPOSE OF MATS AND CARPETS.
Dispose of dirt towels in bathroom.

***** CAMPUS HEALTH CENTER *****

INDUSTRIAL CLEAN (DISPOSE OF MATS AND CLEAN HOSPITAL GURNEY
NEAR BACK ENTRANCE) FLOORS IN THE FOLLOWING ROOMS.

PUBLIC ACCESS (CORRIDORS), S22, S23, W13, S28, S33, S34,
S27, S37, S37A, AND WALLS IN AREA S22.

Building # 9 (CPH)

CAPEN HALL BASEMENT

Minneapolis-Honeywell

Green
Blue
Yellow

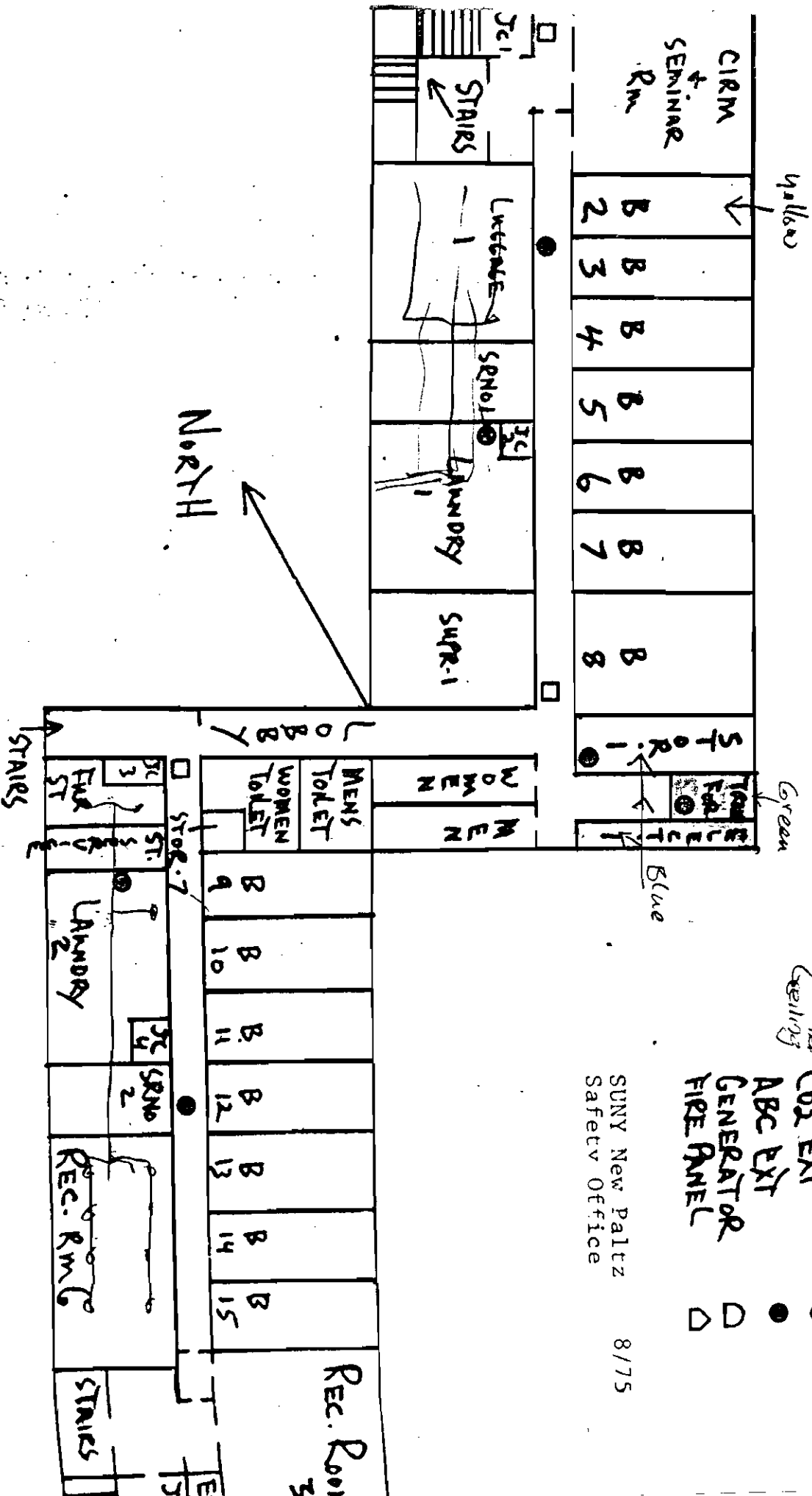
Double w/ASH/Rinse
Green walls/Floors
Clean Floors

Green ceiling

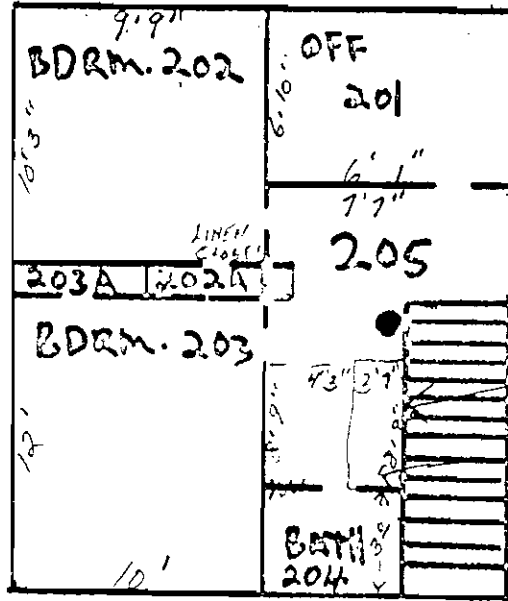
- FIRE ALARMS**
- FIRE ALARMS
 - PW. EXT.
 - CO2 EXT.
 - ABC EXT.
 - ◇ GENERATOR
 - ◇ FIRE PANEL

SUNY New Paltz
Safety Office

8/75

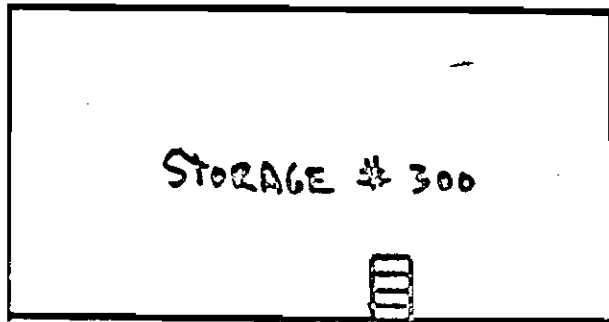


BARDES HOUSE



2 ND. FLOOR

STORAGE AREA OVER STAIRS
STORAGE W/LOCK

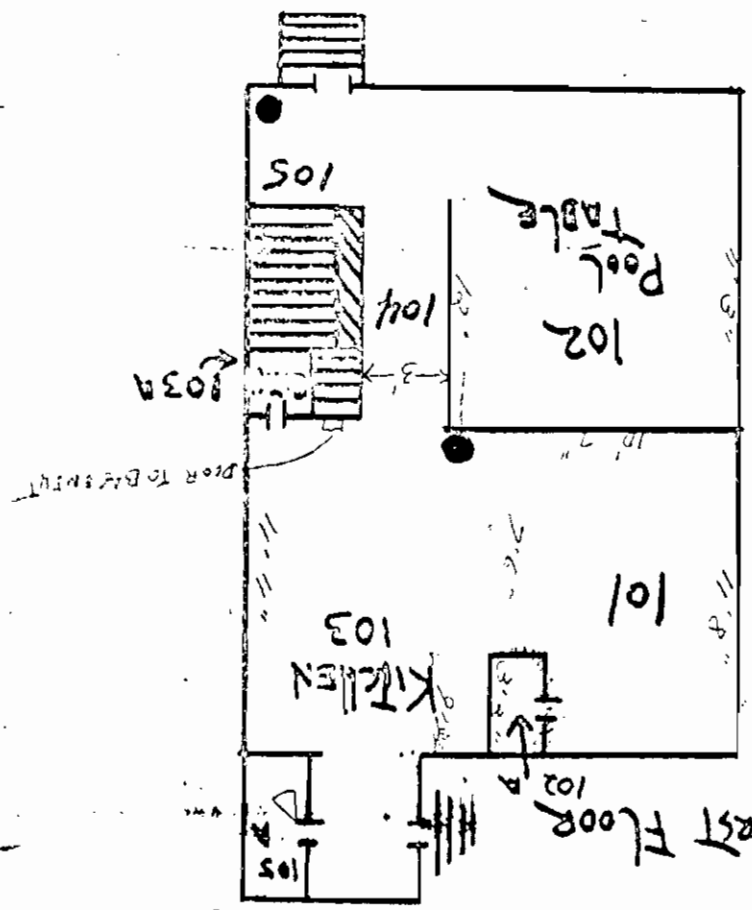


3 RD. FLOOR

BARDES HOUSE

WALLACING R. (BAR)

FIRST FLOOR

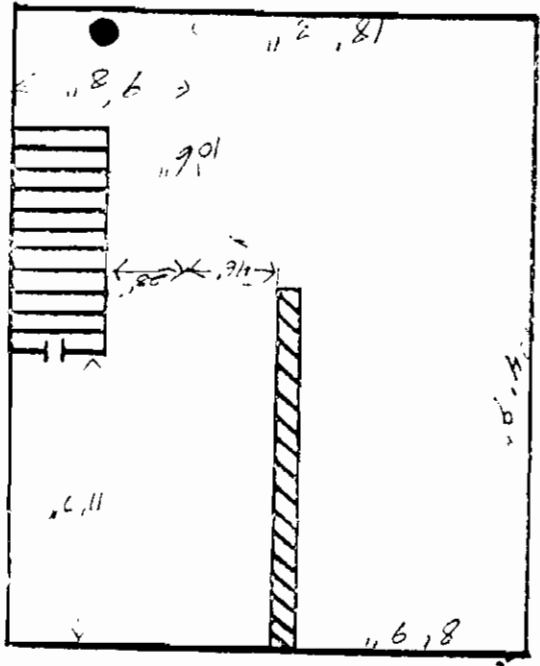


- FIRE ALARMS
- PW EXT.
- CO₂ EXT.
- ABC EXT.

SUNY New Paltz
Safety Office
8/75

Scale Approx
1" = 8'

Bsm't.



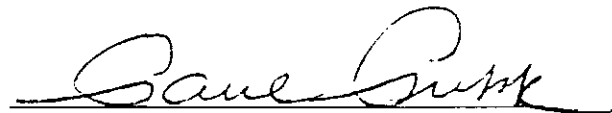
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1/9/91
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January 9, 1992

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

Please find attached the Cleaning and Opening plan for
Capen, Bardes, and the Campus Health Center.

This is Revision 1.1



Paul Fukk
Clean Harbors

Received and approved by



Dean N. Palen
Director of Environmental Sanitation Division

Received 1/21/91 with CHH
SONY
Campus Health Center

January 16, 1992

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

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

Building # 100

Building # 105

I have reviewed, reviewed and approved this plan.

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

Paul Fulk
Paul Fulk
Clean Harbors of Kingston

Paul Fulk 1/21/92
Paul Fulk
Clean Harbors of Kingston

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

Dean N. Palen 1/21/92
Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Richard Edwards 1/16/92
Richard Edwards
NYC Office of General Services

Richard Edwards 1/21/92
Richard Edwards
NYC Office of General Services

Best copy 1/21/92

CLEANUP PLAN FOR ELTING GYMNASIUM
1/16/92

Page 1 Rev. 1.6

The transformer room is 115-C. Room 115D has many horizontal surfaces. The floor is concrete. There is a duct that is 2 feet wide close to the ceiling. There are many layers of ducts and piping close to the ceiling. asbestos wrapping of some piping not in good condition. There are boilers and hot water storage tanks, filtering system and some tanks wrapped in asbestos. There is a small open room behind the vault (115E) with some pipes and asbestos fans. There are lockers in this area which are not high. Room 115F, 115G, 115H, 115I, 115J, 115K, 115L, 115M, 115N, 115O, 115P, 115Q, 115R, 115S, 115T, 115U, 115V, 115W, 115X, 115Y, 115Z, 115AA, 115AB, 115AC, 115AD, 115AE, 115AF, 115AG, 115AH, 115AI, 115AJ, 115AK, 115AL, 115AM, 115AN, 115AO, 115AP, 115AQ, 115AR, 115AS, 115AT, 115AU, 115AV, 115AW, 115AX, 115AY, 115AZ, 115BA, 115BB, 115BC, 115BD, 115BE, 115BF, 115BG, 115BH, 115BI, 115BJ, 115BK, 115BL, 115BM, 115BN, 115BO, 115BP, 115BQ, 115BR, 115BS, 115BT, 115BU, 115BV, 115BW, 115BX, 115BY, 115BZ, 115CA, 115CB, 115CC, 115CD, 115CE, 115CF, 115CG, 115CH, 115CI, 115CJ, 115CK, 115CL, 115CM, 115CN, 115CO, 115CP, 115CQ, 115CR, 115CS, 115CT, 115CU, 115CV, 115CW, 115CX, 115CY, 115CZ, 115DA, 115DB, 115DC, 115DD, 115DE, 115DF, 115DG, 115DH, 115DI, 115DJ, 115DK, 115DL, 115DM, 115DN, 115DO, 115DP, 115DQ, 115DR, 115DS, 115DT, 115DU, 115DV, 115DW, 115DX, 115DY, 115DZ, 115EA, 115EB, 115EC, 115ED, 115EE, 115EF, 115EG, 115EH, 115EI, 115EJ, 115EK, 115EL, 115EM, 115EN, 115EO, 115EP, 115EQ, 115ER, 115ES, 115ET, 115EU, 115EV, 115EW, 115EX, 115EY, 115EZ, 115FA, 115FB, 115FC, 115FD, 115FE, 115FF, 115FG, 115FH, 115FI, 115FJ, 115FK, 115FL, 115FM, 115FN, 115FO, 115FP, 115FQ, 115FR, 115FS, 115FT, 115FU, 115FV, 115FW, 115FX, 115FY, 115FZ, 115GA, 115GB, 115GC, 115GD, 115GE, 115GF, 115GG, 115GH, 115GI, 115GJ, 115GK, 115GL, 115GM, 115GN, 115GO, 115GP, 115GQ, 115GR, 115GS, 115GT, 115GU, 115GV, 115GW, 115GX, 115GY, 115GZ, 115HA, 115HB, 115HC, 115HD, 115HE, 115HF, 115HG, 115HH, 115HI, 115HJ, 115HK, 115HL, 115HM, 115HN, 115HO, 115HP, 115HQ, 115HR, 115HS, 115HT, 115HU, 115HV, 115HW, 115HX, 115HY, 115HZ, 115IA, 115IB, 115IC, 115ID, 115IE, 115IF, 115IG, 115IH, 115II, 115IJ, 115IK, 115IL, 115IM, 115IN, 115IO, 115IP, 115IQ, 115IR, 115IS, 115IT, 115IU, 115IV, 115IW, 115IX, 115IY, 115IZ, 115JA, 115JB, 115JC, 115JD, 115JE, 115JF, 115JG, 115JH, 115JI, 115JJ, 115JK, 115JL, 115JM, 115JN, 115JO, 115JP, 115JQ, 115JR, 115JS, 115JT, 115JU, 115JV, 115JW, 115JX, 115JY, 115JZ, 115KA, 115KB, 115KC, 115KD, 115KE, 115KF, 115KG, 115KH, 115KI, 115KJ, 115KL, 115KM, 115KN, 115KO, 115KP, 115KQ, 115KR, 115KS, 115KT, 115KU, 115KV, 115KW, 115KX, 115KY, 115KZ, 115LA, 115LB, 115LC, 115LD, 115LE, 115LF, 115LG, 115LH, 115LI, 115LJ, 115LK, 115LL, 115LM, 115LN, 115LO, 115LP, 115LQ, 115LR, 115LS, 115LT, 115LU, 115LV, 115LW, 115LX, 115LY, 115LZ, 115MA, 115MB, 115MC, 115MD, 115ME, 115MF, 115MG, 115MH, 115MI, 115MJ, 115MK, 115ML, 115MN, 115MO, 115MP, 115MQ, 115MR, 115MS, 115MT, 115MU, 115MV, 115MW, 115MX, 115MY, 115MZ, 115NA, 115NB, 115NC, 115ND, 115NE, 115NF, 115NG, 115NH, 115NI, 115NJ, 115NK, 115NL, 115NM, 115NO, 115NP, 115NQ, 115NR, 115NS, 115NT, 115NU, 115NV, 115NW, 115NX, 115NY, 115NZ, 115OA, 115OB, 115OC, 115OD, 115OE, 115OF, 115OG, 115OH, 115OI, 115OJ, 115OK, 115OL, 115OM, 115ON, 115OO, 115OP, 115OQ, 115OR, 115OS, 115OT, 115OU, 115OV, 115OW, 115OX, 115OY, 115OZ, 115PA, 115PB, 115PC, 115PD, 115PE, 115PF, 115PG, 115PH, 115PI, 115PJ, 115PK, 115PL, 115PM, 115PN, 115PO, 115PP, 115PQ, 115PR, 115PS, 115PT, 115PU, 115PV, 115PW, 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161S, 161T, 161U, 161V, 161W, 161X, 161Y, 161Z, 162A, 162B, 162C, 162D, 162E, 162F, 162G, 162H, 162I, 162J, 162K, 162L, 162M, 162N, 162O, 162P, 162Q, 162R, 162S, 162T, 162U, 162V, 162W, 162X, 162Y, 162Z, 163A, 163B, 163C, 163D, 163E, 163F, 163G, 163H, 163I, 163J, 163K, 163L, 163M, 163N, 163O, 163P, 163Q, 163R, 163S, 163T, 163U, 163V, 163W, 163X, 163Y, 163Z, 164A, 164B, 164C, 164D, 164E, 164F, 164G, 164H, 164I, 164J, 164K, 164L, 164M, 164N, 164O, 164P, 164Q, 164R, 164S, 164T, 164U, 164V, 164W, 164X, 164Y, 164Z, 165A, 165B, 165C, 165D, 165E, 165F, 165G, 165H, 165I, 165J, 165K, 165L, 165M, 165N, 165O, 165P, 165Q, 165R, 165S, 165T, 165U, 165V, 165W, 165X, 165Y, 165Z, 166A, 166B, 166C, 16

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 contaminants, 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
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(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

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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

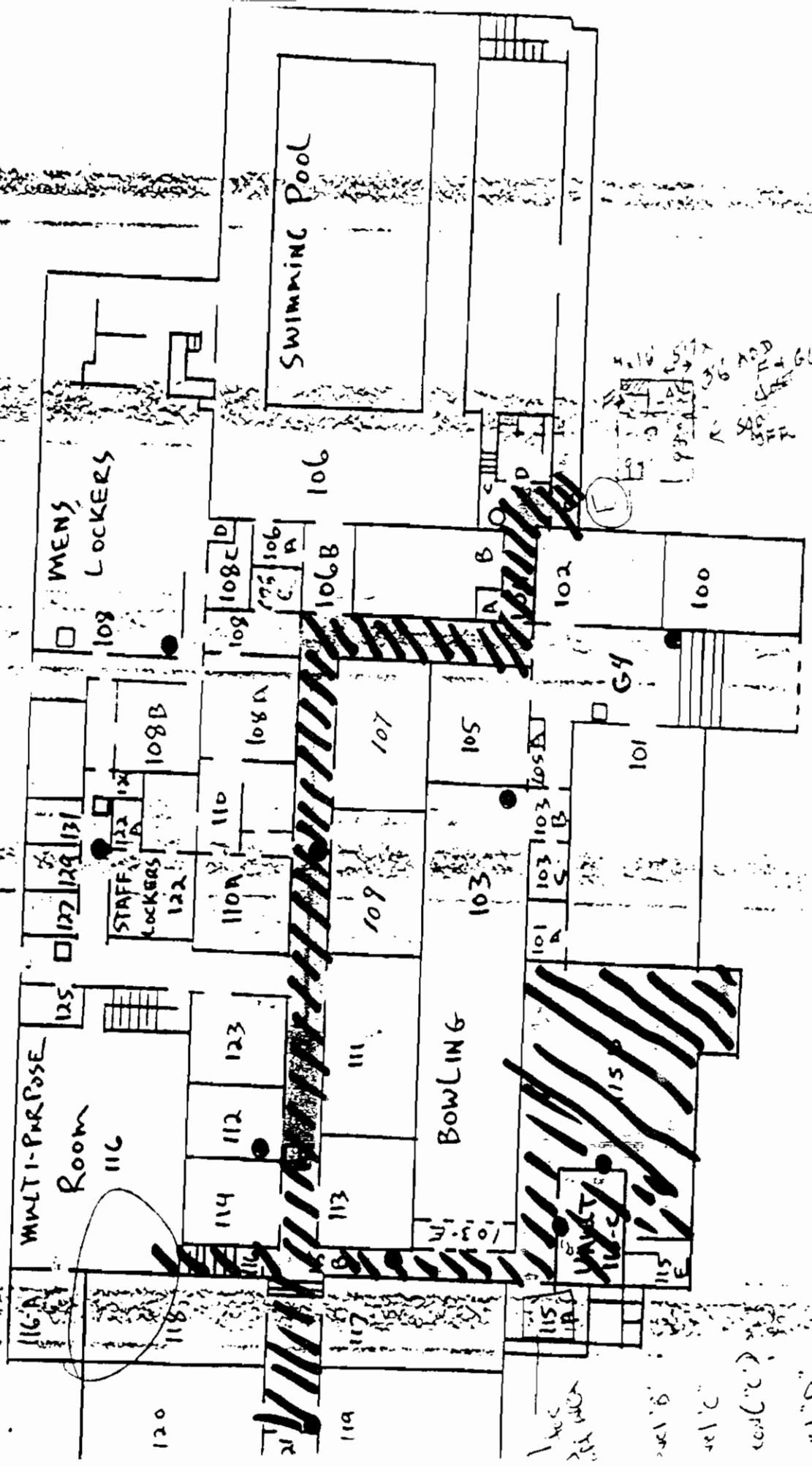
careful not to over saturate the carpet. Remove the rinse water with the vacuum. Work from lowest to highest concentration and from upper levels to lower levels with care to work in a manner to allow exit without crossing the cleaned areas. Let dry and sample (see below).

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 be 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-labeled. 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 sampled may be required 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.

FIRST FLOOR



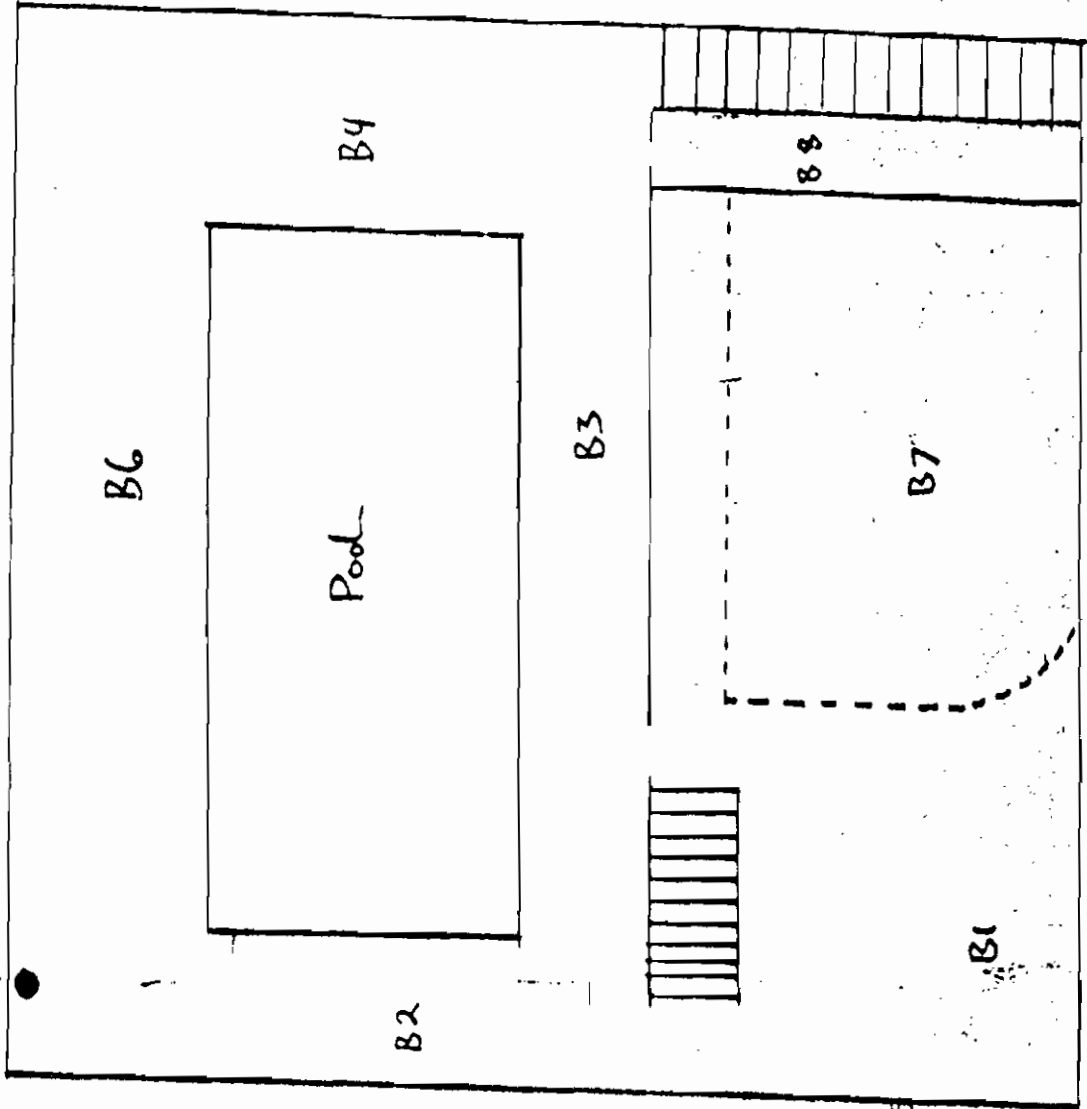

 to be cleaned

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4

NO DECON



Building # 5 (EG)

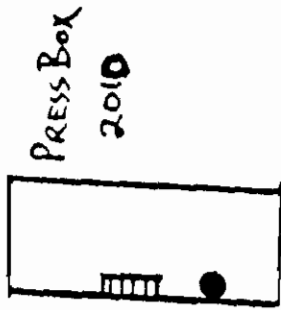
CLUB

GYM

Bsmt. Plan

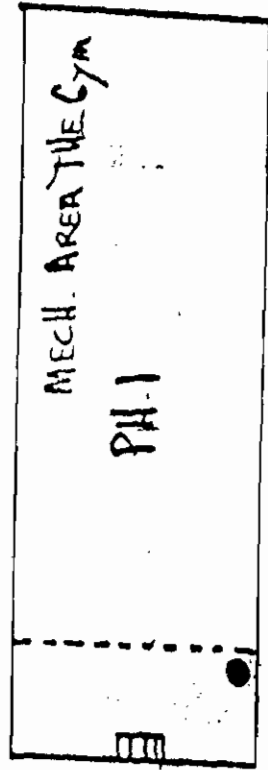
ALARM □
 EXT. ●
 EXT. ●
 EXT. ●
 CONTROL ROOM □
 ELEVATOR □

New Paltz 8/75
City Office



ELTING Gym

NO
D(Con)



VOID
PRESS BOX
BELOW MECH AREA

January 16, 1992

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

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

Building: Signature Text Library

Revision: 1.6

I have received, reviewed and approved this plan.

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

Paul Pusk
Paul Pusk
Clean Harbors of Kingston

Paul Pusk 1/21/92
Paul Pusk
Clean Harbors of Kingston

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

Dean N. Palen 1/21/92
Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Kristina Edwards 1/16/92
Kristina Edwards
NYC Office of General Services

Kristina Edwards 1/21/92
Kristina Edwards
NYC Office of General Services

Bill J. Egan 1/10/92 PE

CLEANUP PLAN FOR SOJOURNER LIBRARY

1/16/92

PAGE 1

REV. 1.6

Level "D"

Note that only the results of sampling for PCB's are detected and that the results are in the 1000-10000 range which is associated with the December 22nd 1991 incident. This cleaning effort is in keeping with the level for PCB's set for the site. The level set for remediation is 1000-10000. The results of sampling for PCB's are in the 1000-10000 range. The results of sampling for PCB's are in the 1000-10000 range. The results of sampling for PCB's are in the 1000-10000 range.

The transfer wall is located on the ground floor. The exit from the building is through Lot 20. Individual cleaning will begin in Lot 20. The results of sampling for PCB's are in the 1000-10000 range. The results of sampling for PCB's are in the 1000-10000 range. The results of sampling for PCB's are in the 1000-10000 range.

** Target Completion Date: 1/16/92

Note: Sampling for PCB's is not planned on any horizontal surface other than the floor in an area where there might be migration of contaminants from a previously taken sample.

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:

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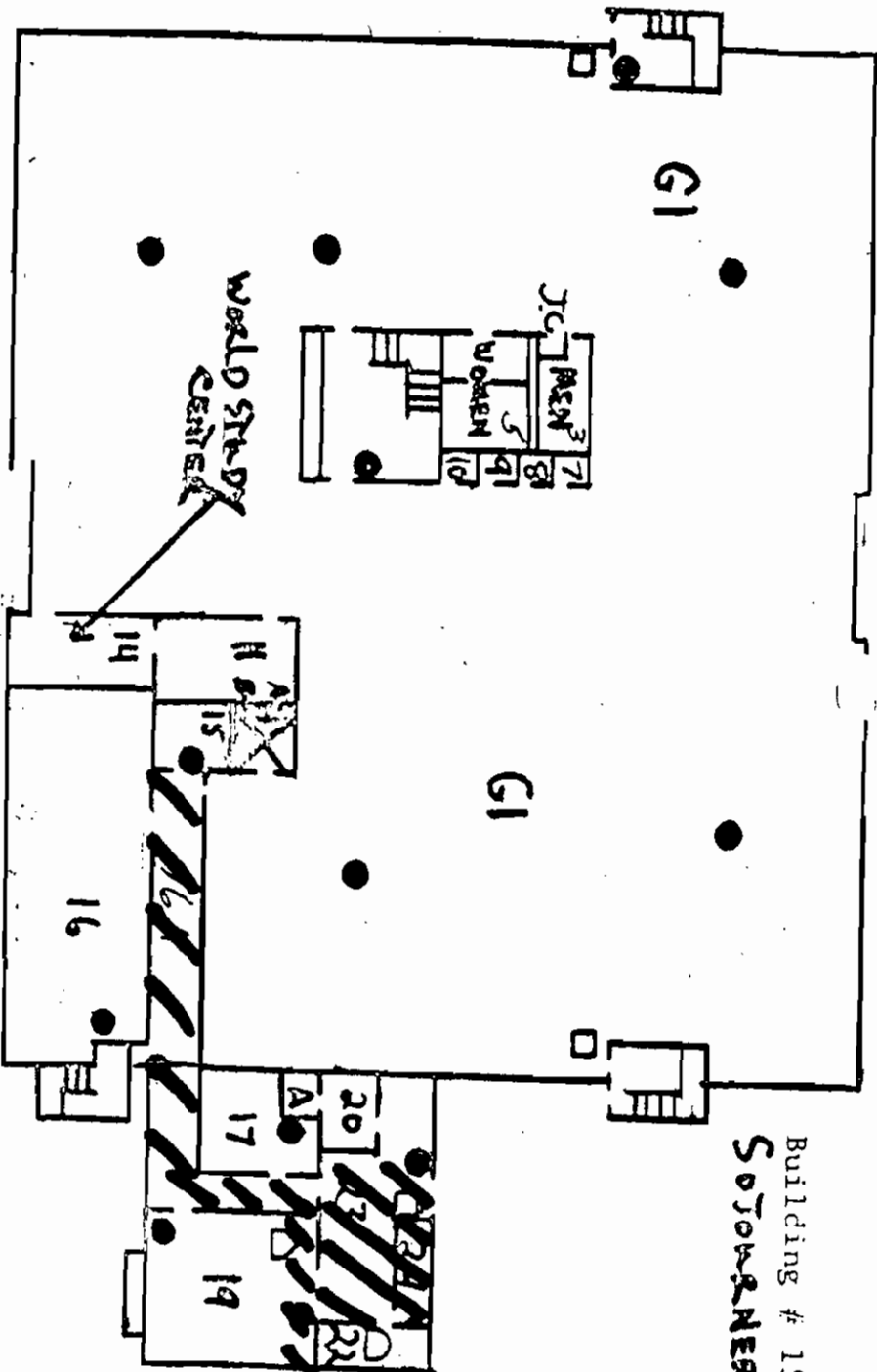
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Building # 15 (STL)
 SOTOMANER TRAIN LIBRARY



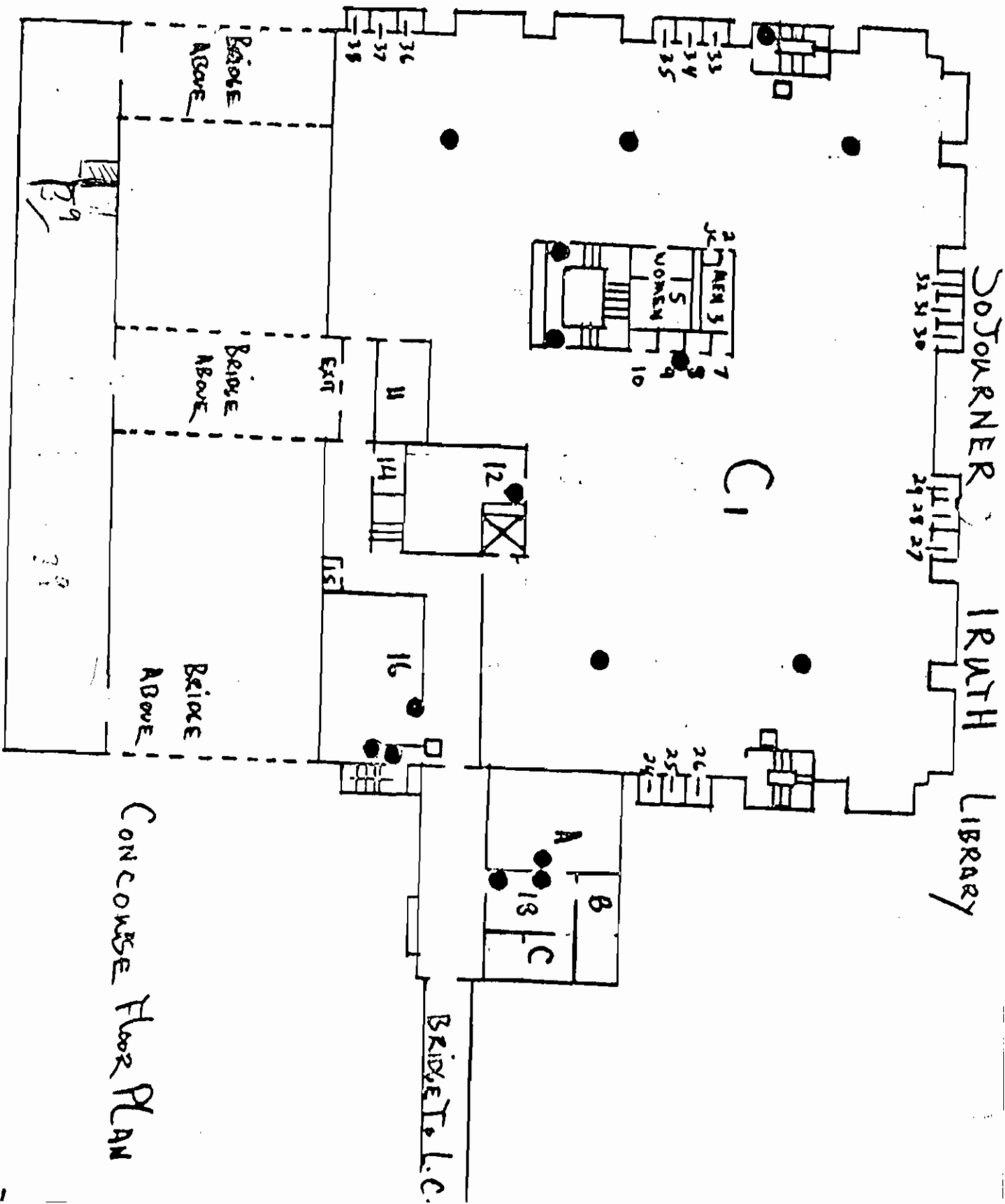
Acme Fire Alarm Company

- FIRE ALARMS □
- PW EXT ●
- CO2 EXT ●
- ABC EXT ●
- GENERATOR ○
- FIRE PANEL △

Stunt New Paltz
 Seseew Office

8/75

GROUND FLOOR PLAN



CONCOURSE Floor PLAN

DOJOURNER
 32 31 30
 29 28 27
 IRUTH
 LIBRARY

BRIDGET, L.C.

January 15, 1992

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

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

Building: Van Dyke Bldg., Learning Center

Revision: 1.1

I have reviewed the plans
and approved them as shown.

I have approved the
plans as shown and it
needs nothing approved.

Paul F. M...

Paul F.M.
Clean Harbors of Kingston

Paul F.M. 1/20/92

Paul F.M.
Clean Harbors of Kingston

Dean N. Palen 1/16/92

Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Dean N. Palen 1/20/92

Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Christine Edwards 1/16/92

Christine Edwards
NYO Office of General Services

Christine Edwards 1/20/92

Christine Edwards
NYO Office of General Services

Rec'd 1/20/92

In room B4 in the basement outside the transformer vault, all remaining high contact surfaces such as desk tops, stair railings, door knobs, counters, will be Industrial Disinfectant. The only high contact surface in the vault area will be cleared in a room that requires no special air cleaned area. Industrial Disinfectant is necessary in the entry of the vault, that go from B4, along the route of most travel to the stair case. Clearing the stair case along the route of travel to the most commonly used doorway. The stair case will be cleared with disinfectant.

4. Target Examples of a 1000 BA

If any result of a 1000 BA is not met, the 1000 BA will be locked. The Warehouse may need some remediation, but this is not a requirement.

For cleaning of room B4, the 1000 BA will be cleared individually, surface disinfectant on horizontal surfaces including the floor.

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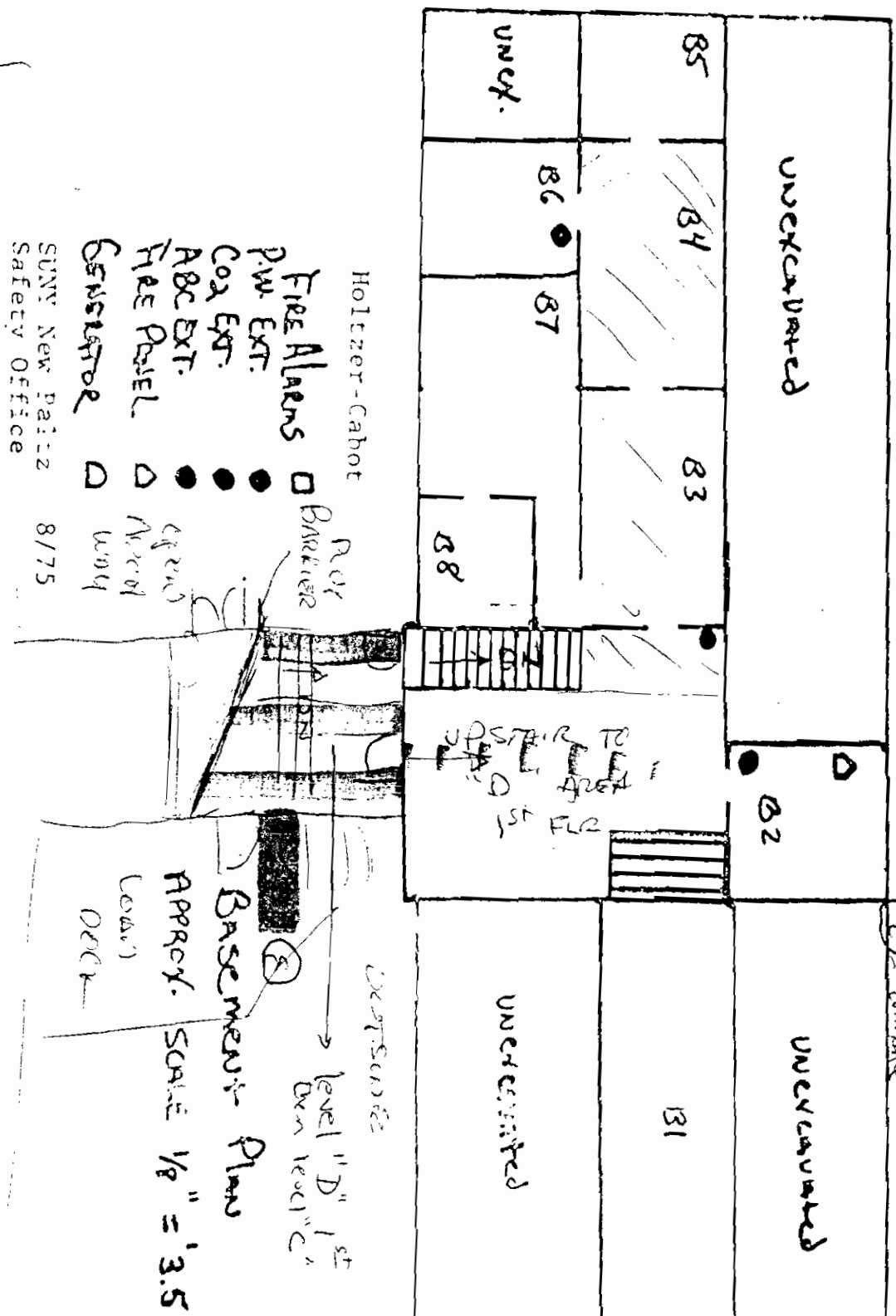
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Van der Berg

Learning Center



- Holzer-Cabot
- Riskier
 - Fire Alarms
 - P.W. EXT.
 - CO2 EXT.
 - ABC EXT.
 - △ Fire Panel
 - △ Generator
- SUNY New Paltz
Safety Office 8/75

- Level B
 - Level 'C'
 - Level 'D'
 - Level 'E'
- Entrance

UP STAIR TO 2ND FLOOR

DOWN STAIR TO 1ST FLOOR

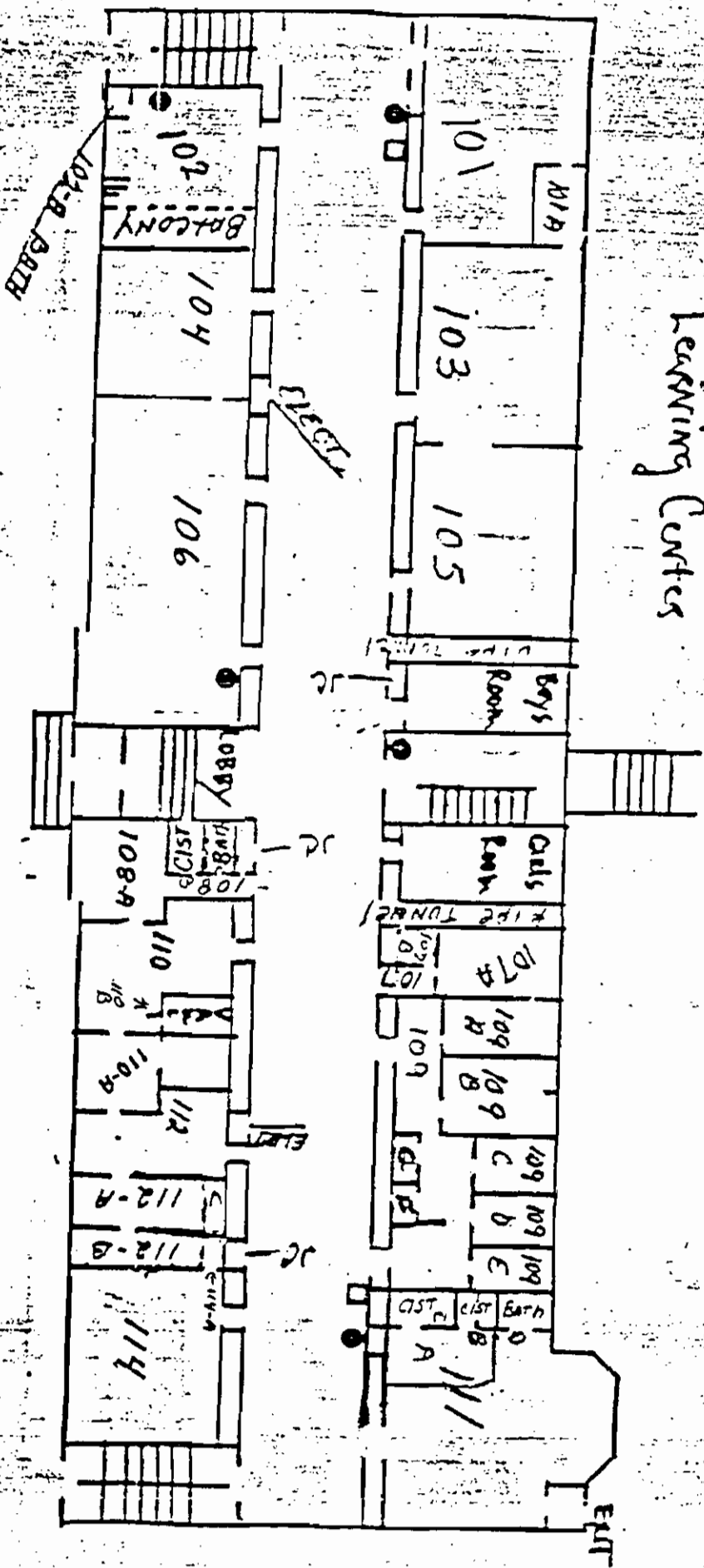
DECK

APPROX. SCALE 1/8" = 3.5' (approx)

Handwritten notes on the left margin, including 'CAD' and 'PLAN'.

Van der berg

Learning Center



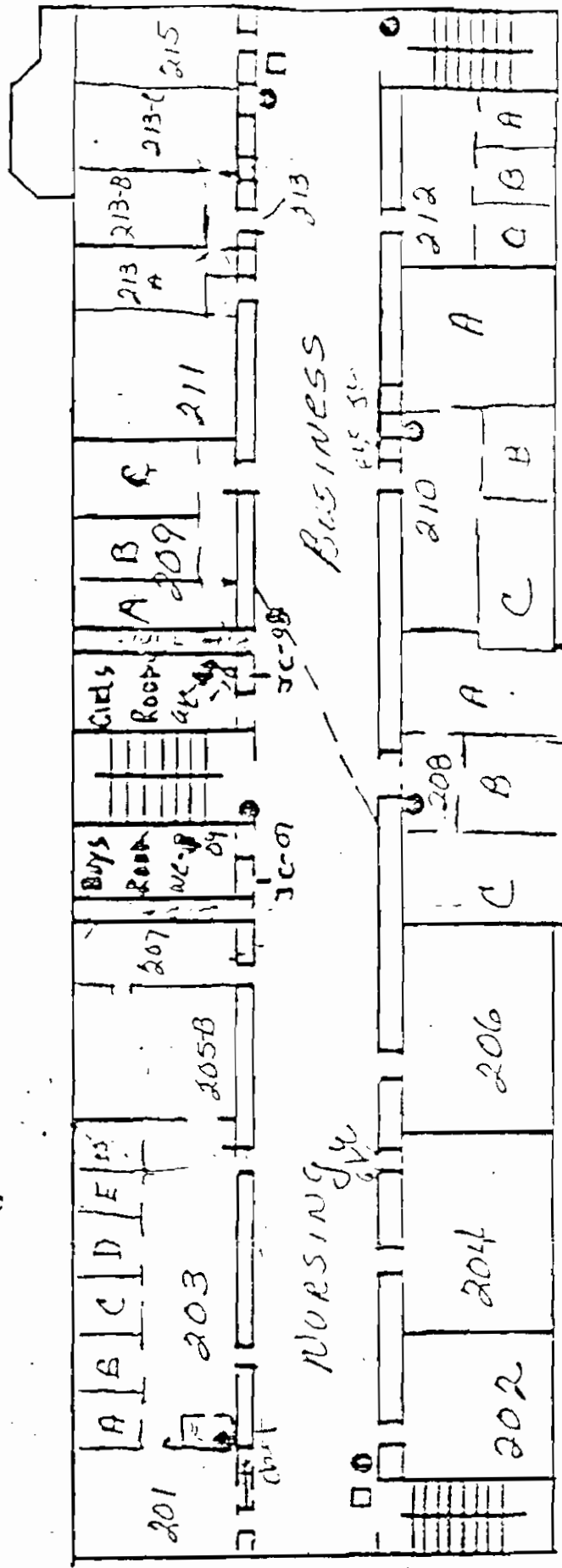
FIRST FLOOR PLAN

NEW PLAN HS OF
1/29/82

VAN DER BERG

Learning Center

Separate Mantel
Low Nursing & Business



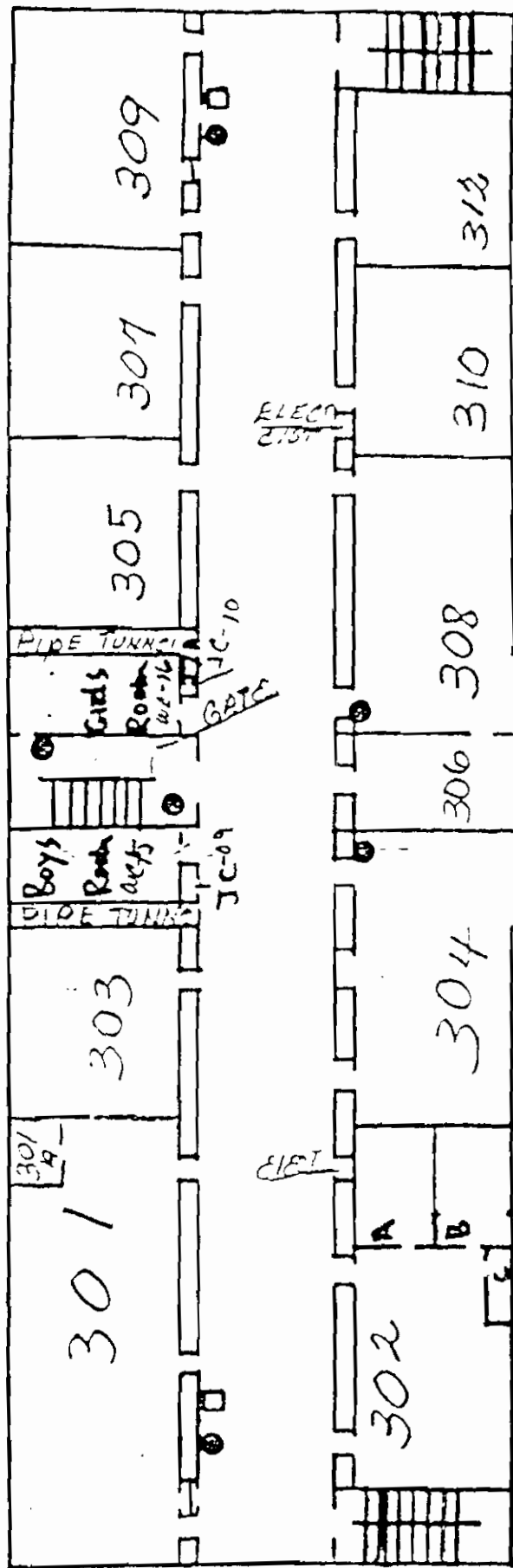
Need TO LOCATE
ELEC. CABINETS

SECOND FLOOR PLAN

24545-

REV 1/25/04
7/25/11

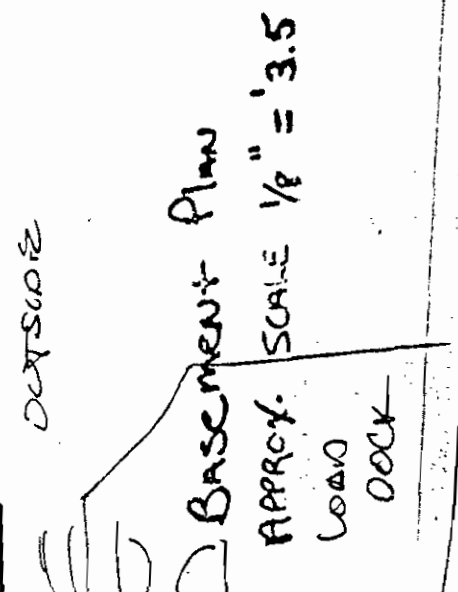
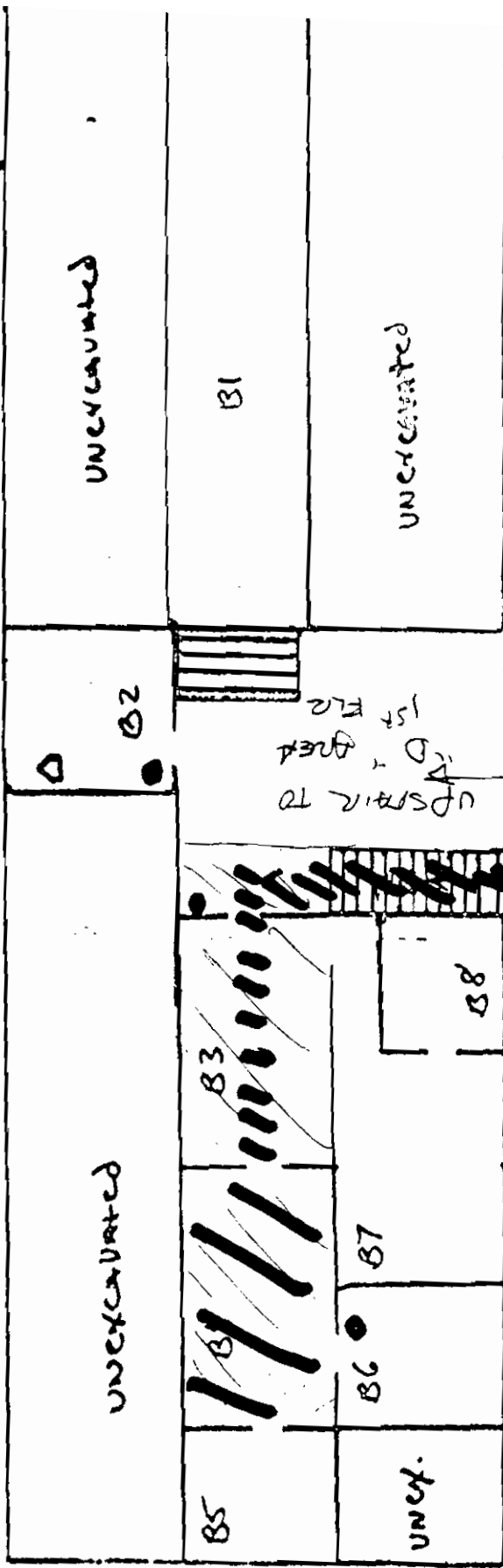
VAN DER BERG LEARNING CENTER



THIRD FLOOR + ROOF PLAN

VAN DEN BERG

LEARNING CENTER



Holtzer-Cabot

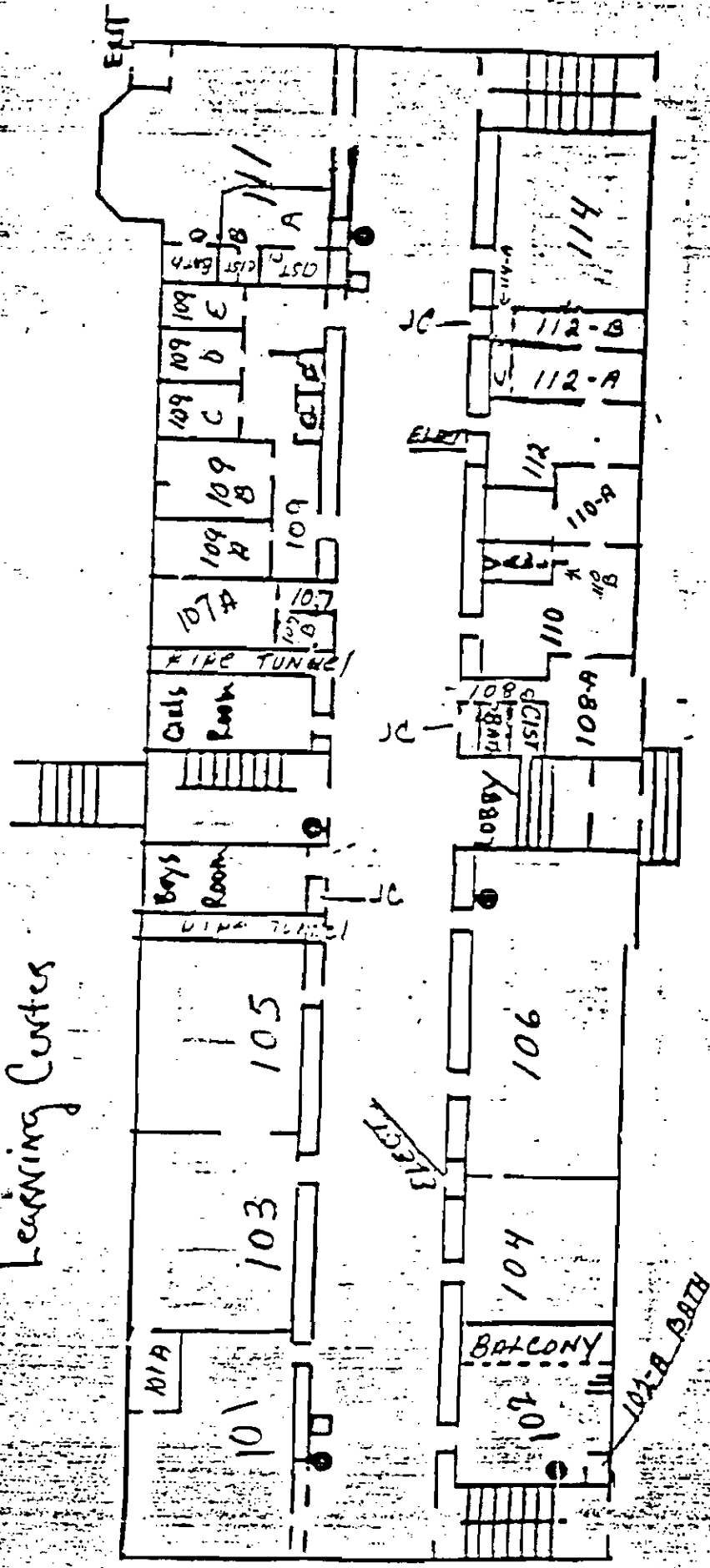
- Fire Alarms
- P.W. EXT.
- CO2 EXT.
- ABC EXT.
- FIRE PANEL
- GENERATOR
- POLY BARRIER
- OPEN AREA
- WAY

SUNY New Paltz 8/75
Safety Office

OLD VTL6. PUPANO
LEWIS "D"

NEW PLAN AS OF
1/29/86

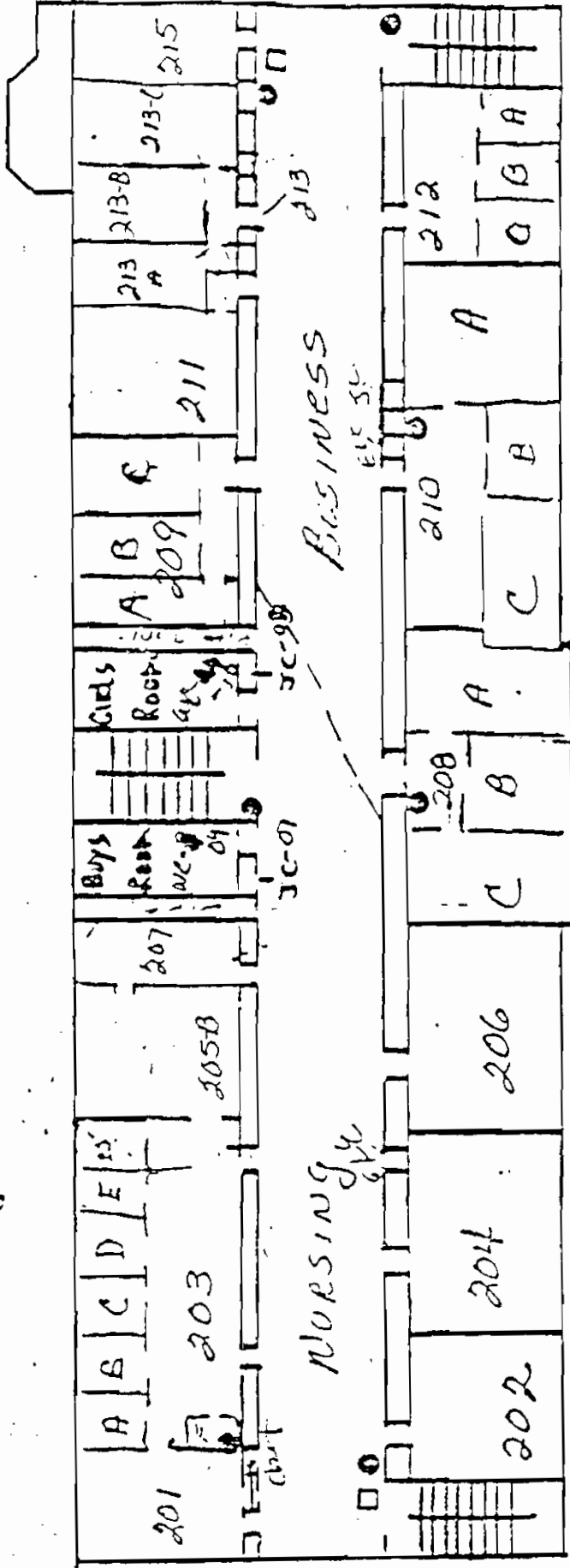
Van der berg
Learning Center



FIRST FLOOR PLAN

Separate Mantel for Nursing & Business

VAN DER BRAG Learning Center

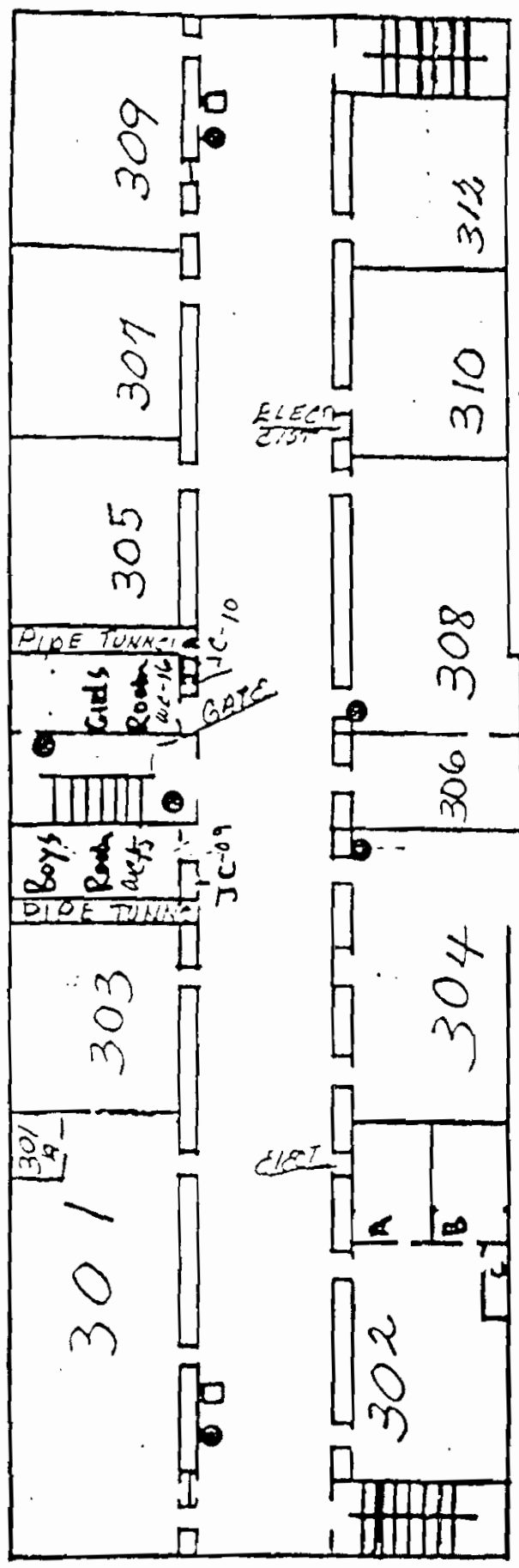


Need TO LOCATE ELEC. CIST & STP.

SECOND FLOOR PLAN

24545

VAN DER BERG
LEARNING CENTER



THIRD FLOOR + ROOF PLAN

new version
7/21/11

January 24, 1992

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

Please find attached the plan of work and drawings for the following buildings in the State University of New York system in New Paltz.

Building: Emily Frye

Revision: C.B. and Change order 1,2

I have received, reviewed and approved this plan.

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

Raul Puhk

Raul Puhk
Clean Harbors of Kingston

Raul Puhk 1/24/92

Raul Puhk
Clean Harbors of Kingston

Dean N. Palen 1/24/92

Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Dean N. Palen 1/24/92

Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Edwards 1/24/92

Kristine Edwards
NYS Office of General Services

Kedwards 1/24/92

Kristine Edwards
NYS Office of General Services

SMILEY
1/23/92
Page 1 Rev. 1.0

WORK MISSED IN SMILEY

ALL STAIRWELLS IN SMILEY WILL BE WASHED BY THE INDUSTRIAL WASH TECHNIQUE (SEE ATTACHED). THIS WORK WILL BE INSPECTED BY CLEAN HARBORS AND THE ON SITE OGS REPRESENTATIVE.

WORK WILL BE COMPLETED BY 1/24/92 6 AM

NO ISOLATION MEASURES WILL BE REQUIRED.
IF DECON DOES NOT EXIST USE EMERGENCY DECON SET UP ONLY.

CHANGE IN ORIGINAL PLAN

The door mentioned in the plan Cleanup Plan for Smiley Art Building Rev. 1.5 was not connecting the vault to the corridor but was across the hallway. Since it doesn't appear to be stained the removal of this door has will be deleted from the scope.

SMILEY ART BUILDING

CLEANUP PLAN FOR SMILEY ART BUILDING

1/15/92

Page 1 Rev 1.5

The transformer is in room 4 of the basement. Rooms 6 and 8 are blocked and, therefore, had no normal travel. The rig in the main entrance hall will be removed and stored as possible RDB contaminated. The utility hallway has a door, with louvers that connects the hallway with the vault that is stained, which will have to be removed and disposed of. The hallway has a fire extinguisher, fire alarms, door knobs, doorjamb, etc., which will have to be cleaned. The floor of the hallway is tile. Room 8 lighting has some equipment, as well as some wiring. There are electrical panels and what appears to be a plastic wrapping around the pipes and tanks. There is water on the floor which appears to be a discharge from an overhead pipe. There is an exhaust fan, which is not operating, that connects this room with the transformer vault. This connection will make it hard to get to the vault from the floor. The reason for cleaning the floor is that if, at some RDB's that were present in the vault would have their best route of exit through this louver where being the dense material that it is would settle on the floor. The high temperature makes this possible. This room is very hot and will require the workers to have heat stress training.

Level "B" protection will be used inside the vault and in the hallway outside the vault for 5 feet in either direction. Isolate this area with poly with airlock combination. Cleaning will involve using double wash/double rinse technique (see January 5 "Emergency Response Procedure").

After the process, the isolation measures will be removed. The vault will have to be powered down prior to cleaning.

** Target Complete Date 1/15/92

2nd Floor- Level P, 3rd Floor- Level Q, 1st Floor- Level B

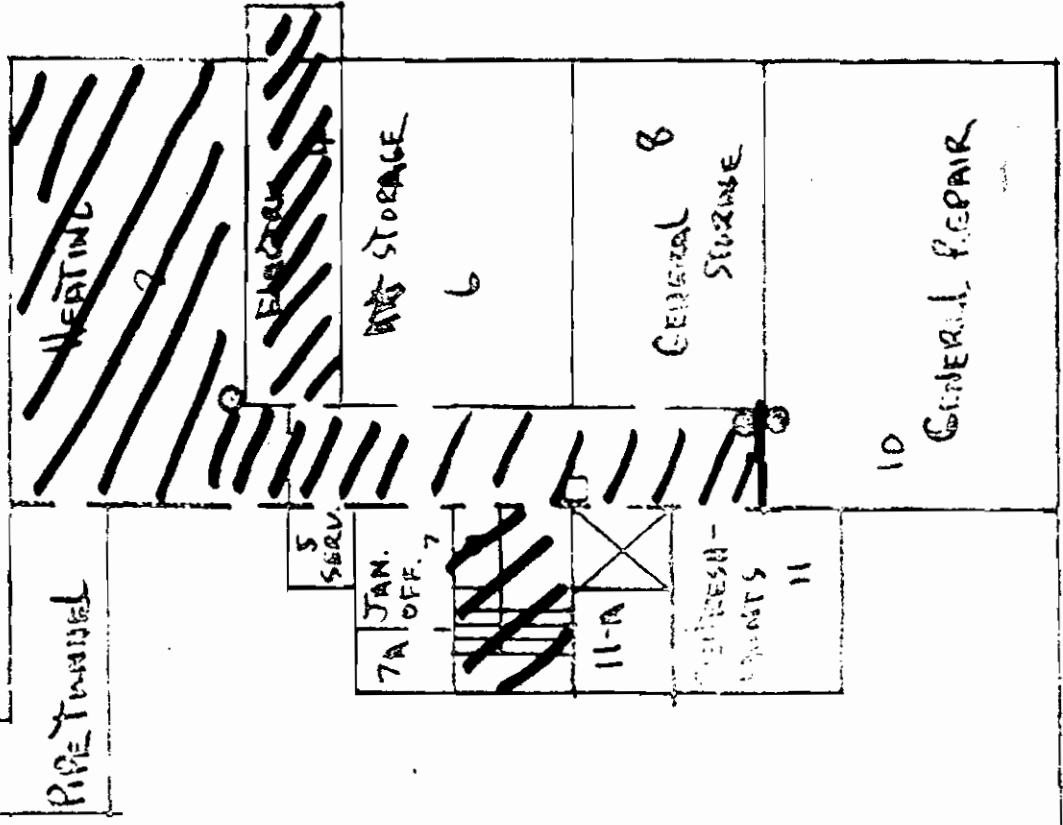
a) RDB Clean vault (A) and hallway outside of vault to B level in both directions.

b) Hallway room (B) individual clean floor.

c) Elevator shaft area

d) Individual clean circular concrete floors 1 and 2 of vault.

Building # 1 (SAB)
SMILEY ART BUILDING



CRAWL SPACE

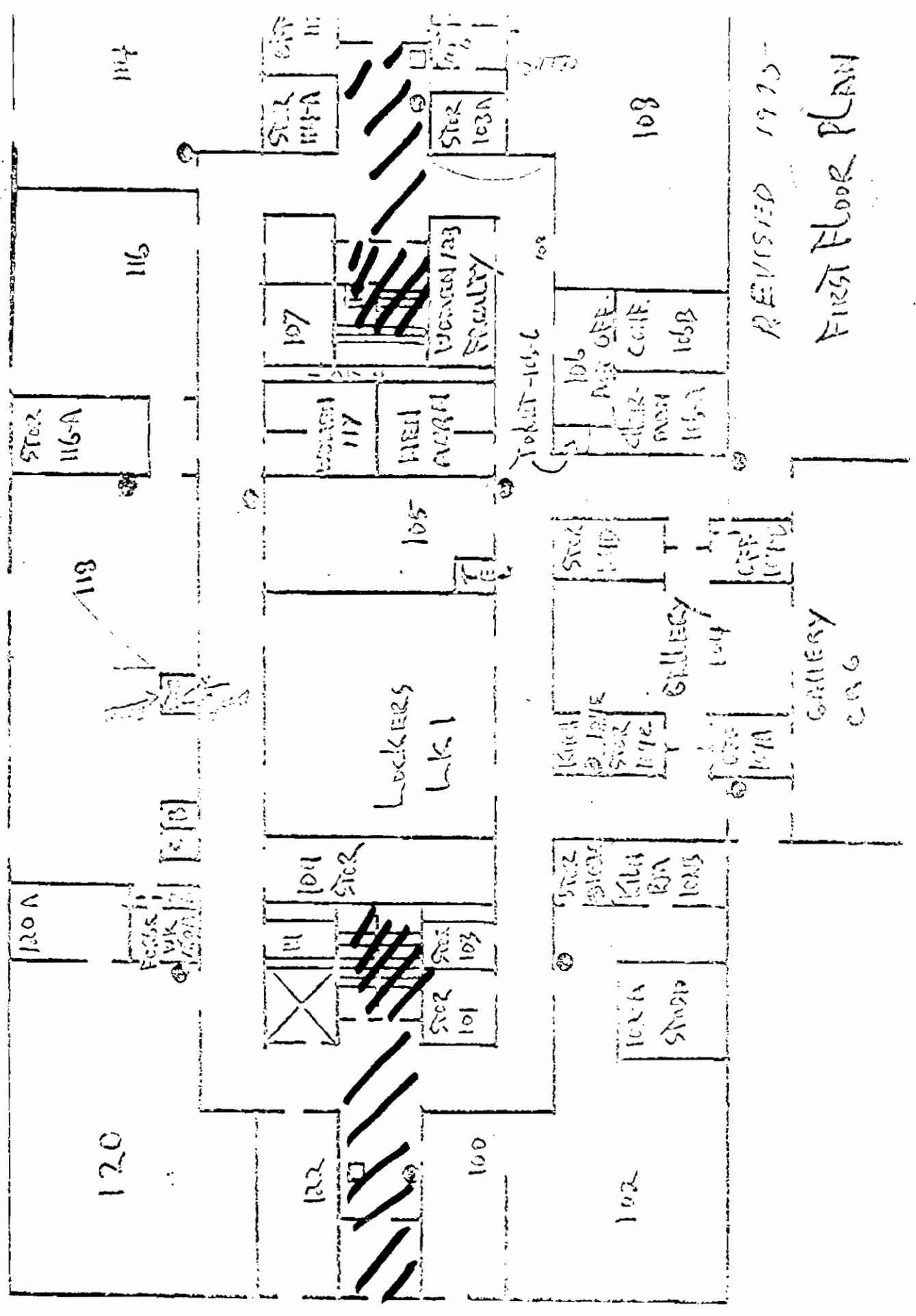
Minimum of 16-Inch, well

- FIRE ALARMS □
- P.W. EXT. ○
- CO₂ EXT. ○
- ABC EXT. ○
- GENERATOR ○
- FIRE PANEL ○

SUNY New Paltz 125
 Safety Office

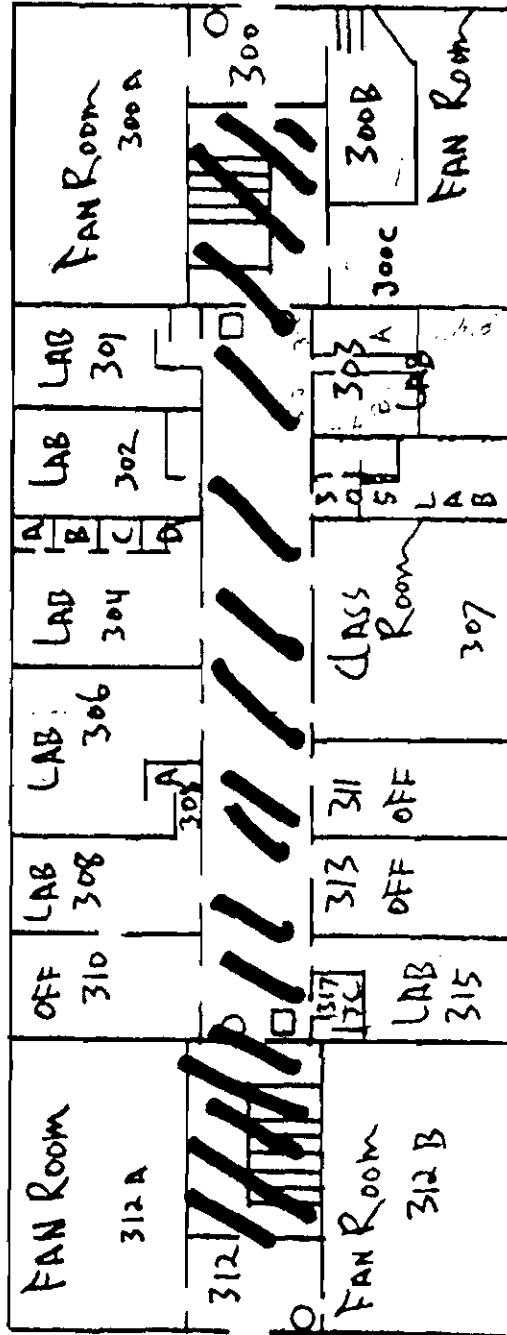
STUDIO BASEMENT PLAN

Sunday Net Building



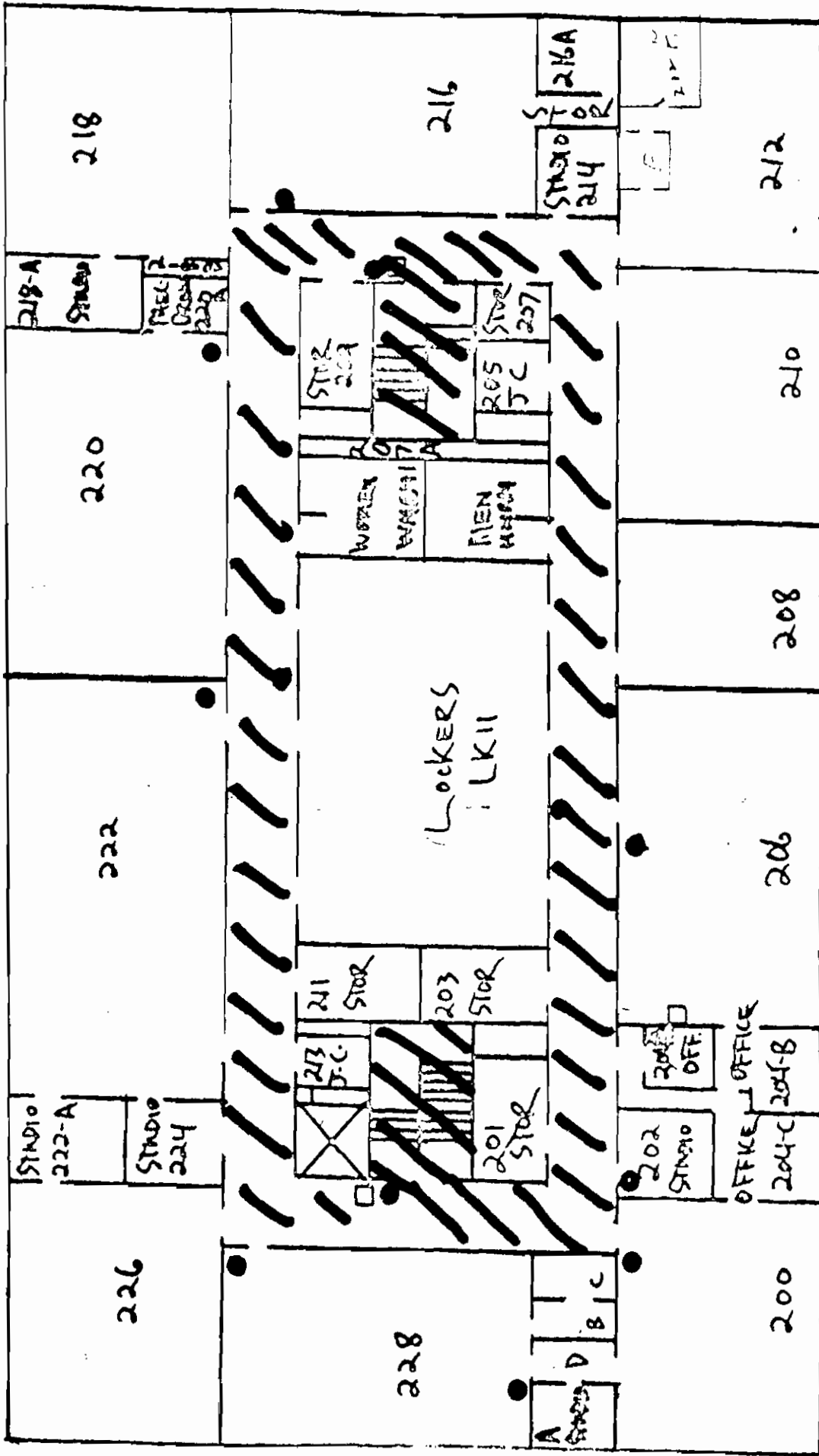
REVISED 1975
FIRST FLOOR PLAN

SMILEY ART BUILDING



PENT HOUSE FLOOR PLAN

Spailey Art Building



2ND Floor PLAN

CleanHarbors

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

7i6i

January 30, 1992

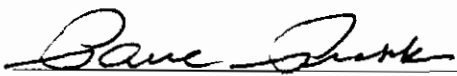
Mr. Dean N. Palen, P.E., M.B.A.
Director of Environment Sanitation Division
Ulster County Health Department
300 Flatbush Avenue
Kingston, New York 12401

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

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



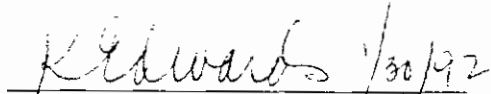
Paul Pukk
Clean Harbors of Kingston



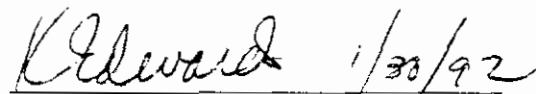
Dean N. Palen, P.E., MBA
Ulster County Health Dept.



Dean N. Palen, P.E., MBA
Ulster County Health Dept.



Kristine Edwards
NYS Office of General Ser.



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.

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 description 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 certified.

** Target Complete Date 1/18/92

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

** Target Complete Date 1/13/92

For possible entry by State employee (non-accident) for personal possession removal we recommend Security surveillance. The area immediately adjacent to the vault will be securely 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 occurred since the last entry, a OSHA certified Electrician must be employed to assure that the vault area is de-energized. OGE Electrician to enter vault under level "B" to inspect wiring and access for new service. Arrive at 3 am on 1/13/92. Refer to OGE memo dated 1/13/92 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 penetration 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 eliminate dust and contaminant release. The bricks from this operation will placed into a separate 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 decontamination 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 packed up for water tightness with polyethylene. Reinforce wash inside walls 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

Receive 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 beds and two samples per level in the hallways in the middle of each wing. One sample outside the vault. One sample in EE.

Building # 9 (CPH)

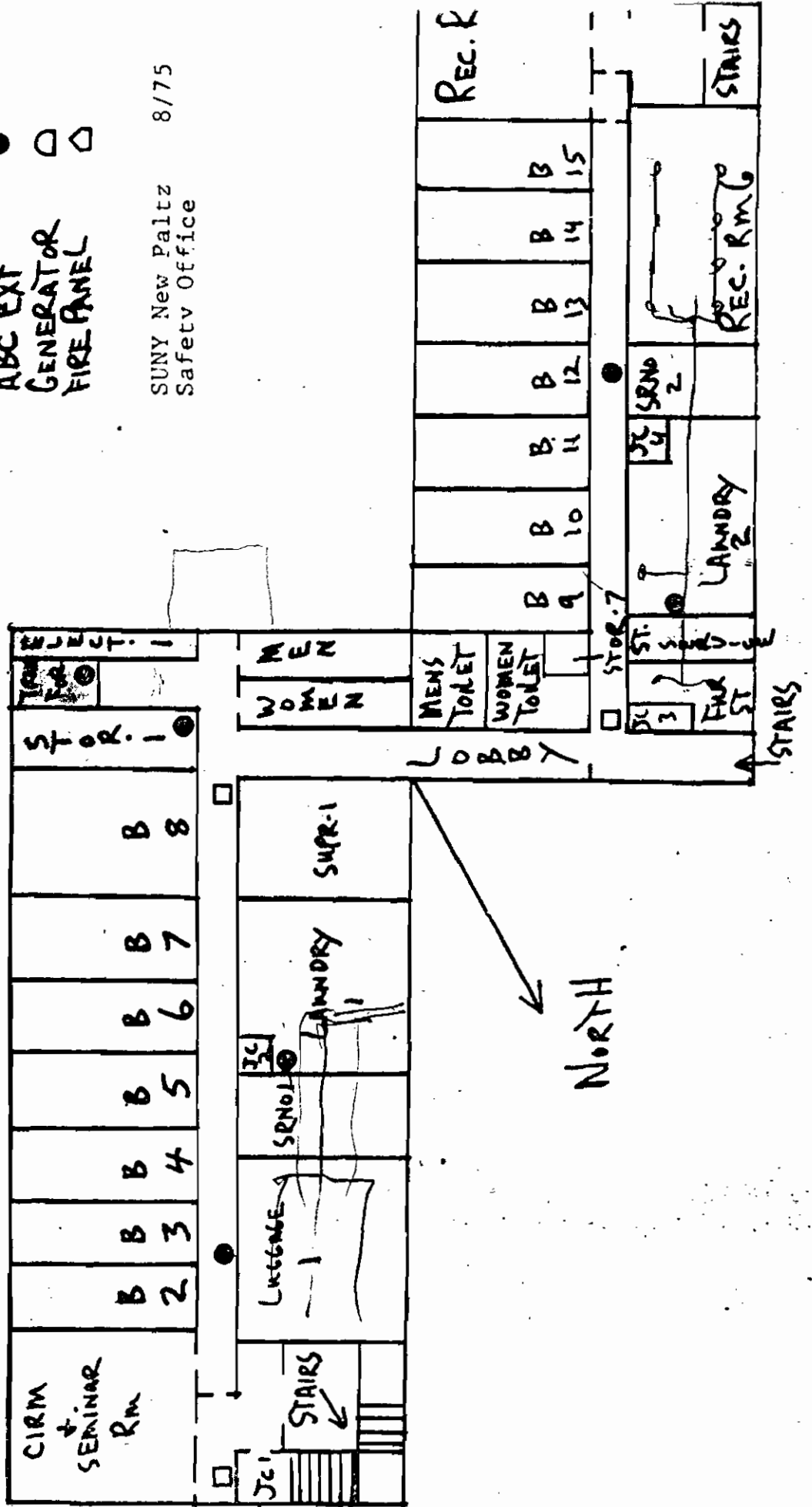
CAPEN HALL BASEMENT

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

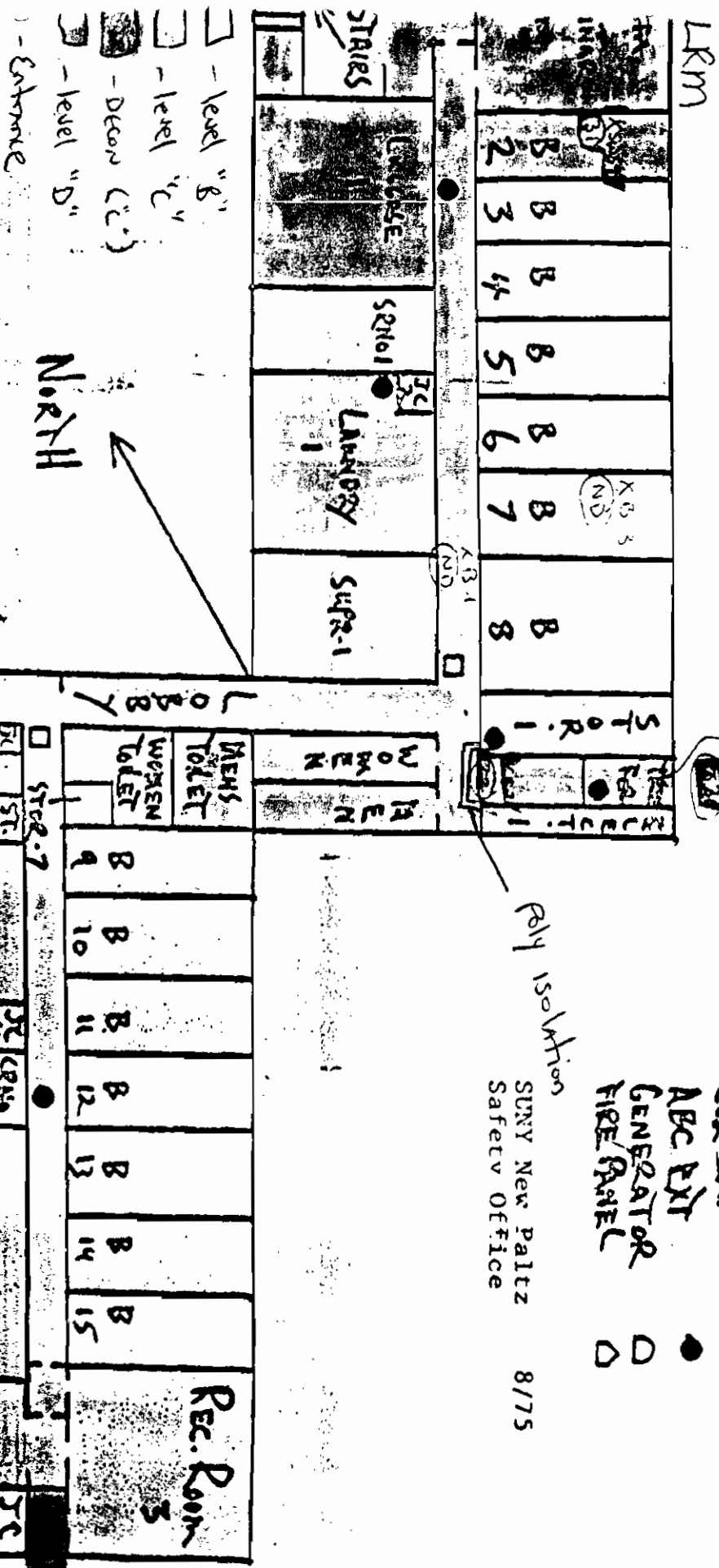


Building # 9 (CPH) CAPEN HALL BASEMENT

Minneapolis-Honeywell

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

SUNY New Paltz
Safety Office 8/75



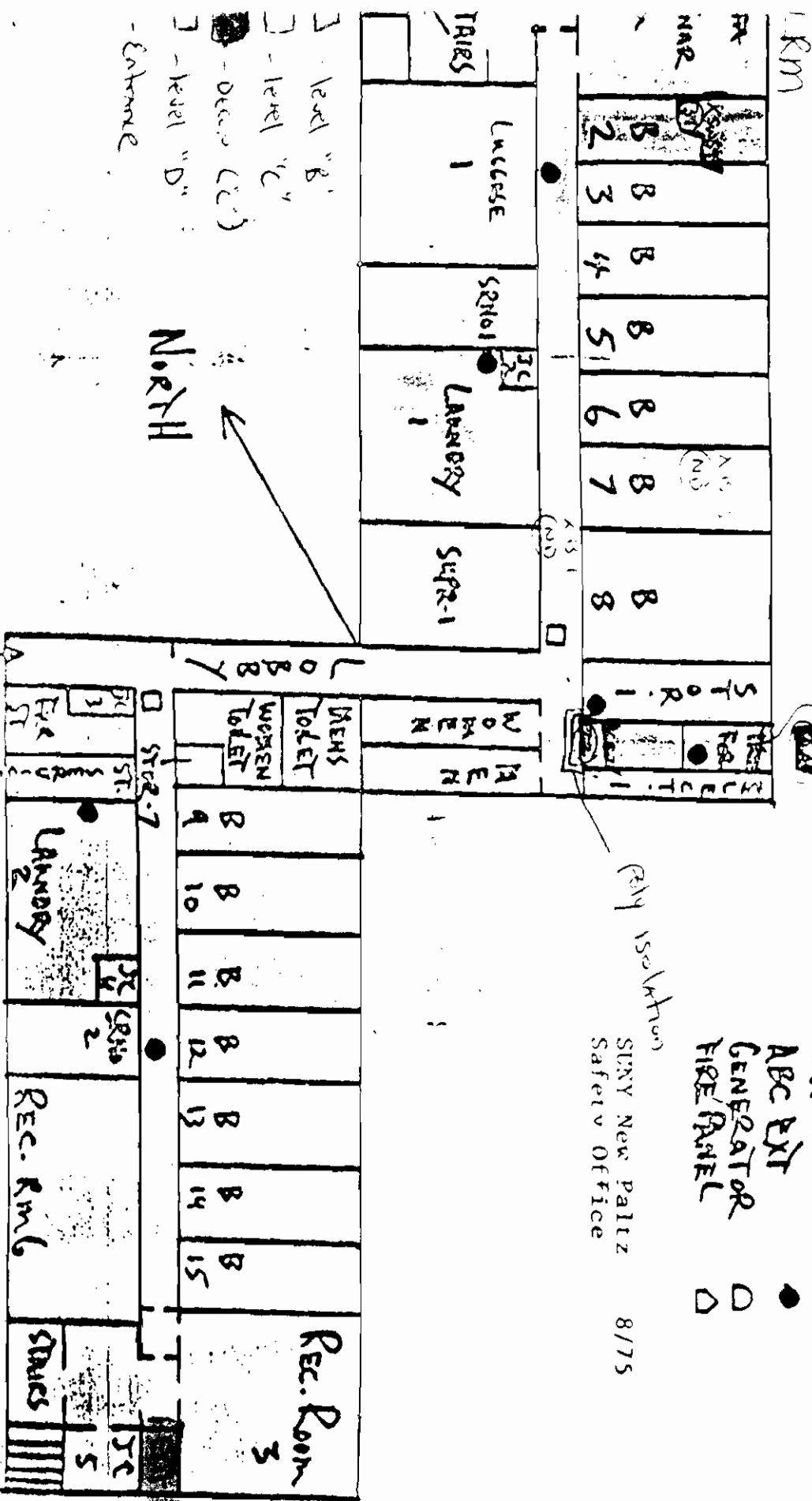
30

Building # 9 (CPH) CAREN HALL BASEMENT

Minneapolis-Honeywell

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

STNY New Palitz 8/75
Safely Office



- Level "B"
- Level "C"
- - Ocean (C)
- Level "D"
- Entrance

NORTH

STAIRS

3

January 16, 1992

Mr. Dean N. Polen, P.E., MDR
Director of Environmental Sanitation Division
Ulster County Health Department
300 Wallkill Ave.
Kingston, NY 12401

Enclosed are attached the plans for altering and opening the following buildings on the site of the facility of New York State at New Paltz.

Building #1

Building #2

Director of Health Department
Ulster County, New York

Director of Health Department
Ulster County, New York
needs written approval.

Edward Edwards

Edw. Edwards
Dir. Health Dept. of Kingston

Dean N. Polen

Dean N. Polen
Dir. Health Dept. of Kingston

Dean N. Polen 1/16/92

Dean N. Polen, P.E., MDR
Ulster County, Health Dept.

Dean N. Polen 1/30/92

Dean N. Polen, P.E., MDR
Ulster County, Health Dept.

Edward Edwards 1/16/92

Edw. Edwards
Dir. Health Dept. of Kingston

Edward Edwards 1/30/92

Edw. Edwards
Dir. Health Dept. of Kingston

101-11701-3-113

Pump out transformer oil. Isolate transformer from transformer vault, clean the transformer in place, knock the wall out within the enclosure, the penetration will through an outside wall, remove the outside enclosure and extract the transformer. The transformer will be placed into a drip pan for transport back 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 eliminate dust and airborne release. The brinks from this operation will placed in a separate container, which will be a registered hazardous waste, which will after analysis that is required for disposal.

** Target Complete Date 1/23/92

Modify the isolation enclosure to allow for double wash/double rinse with no escape of wash water. This will necessitate the installation of a double wash/double rinse set up for the big tank with polyethylene floor. This will be inside vault following procedures in the Jan. 5, 1992 edition of "Emergency Response Manual". Collect all generated wastes in the vault into a 55 gallon liquid, 170 gallon 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

Receive Draft PCB wipe sample results

** Target Date 1/25/92

Open Capen Building

** Target Date 1/28/92

Test Sampling Plan: One sample per shift room on one of the inside of the sample per level in the hallway in the middle of each wing. One sample outside the vault. One sample in DC.

CLEANUP PLAN FOR COPEN DORMITORY
 PLAN DATE 1/16/92

Page 1 Rev. 1.5

Industrial clean the floor in room 82 and all horizontal surfaces in the Public access areas of the basement including floor, desk tops, countertops, window sills, etc. (for description of Industrial Cleaning see Cleaning Plan for Sage Dome) and also high air contact surfaces such as doorknobs, chains etc. Carpets will be cleaned using a sponge mop to apply the TCP 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 work is designated "P" it will be done in accordance with the exhaust of the room. It is all HEPA equipped.

** Target Complete Date 1/12/92

Complete isolation of the entrance vault area in anticipation of removal of liquid from transformers and removal of transformer oil. Isolation is such that containment will extend 3 feet beyond the level "B" barrier contamination zone. See building specific plan for transformers from each vault. (Separate Plan).

** Target Complete Date 1/13/92

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

** Target Complete Date 1/15/92

Before every entry into transformer vault, if some modification to the electrical supply to the building has occurred since the last entry, a CEWO certified Electrician must be employed to assure that the vault area is de-energized. CES Electrician to enter vault under level "B" to inspect wiring and assure for new services. Arrive at 8 am on 1/15/92. Refer to CES work level 1/12/92 for specific details.

** Target Complete Date 1/16/92

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 contaminants, 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 bases 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

Do not to over saturate the carpet. Remove the rinse water 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-labeled. 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 (CPH)

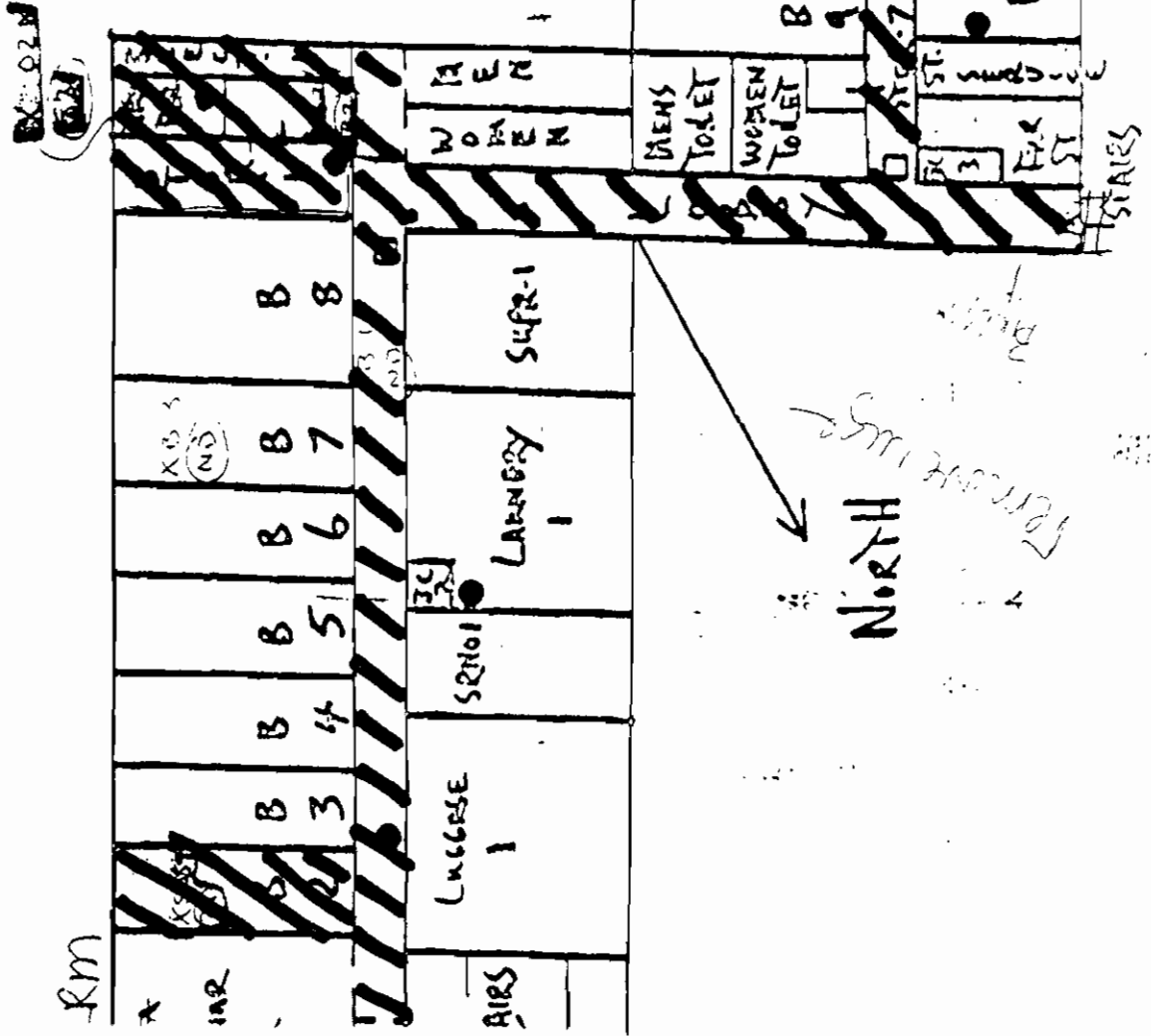
CAPEN HALL BASEMENT

Minneapolis-Honeywell

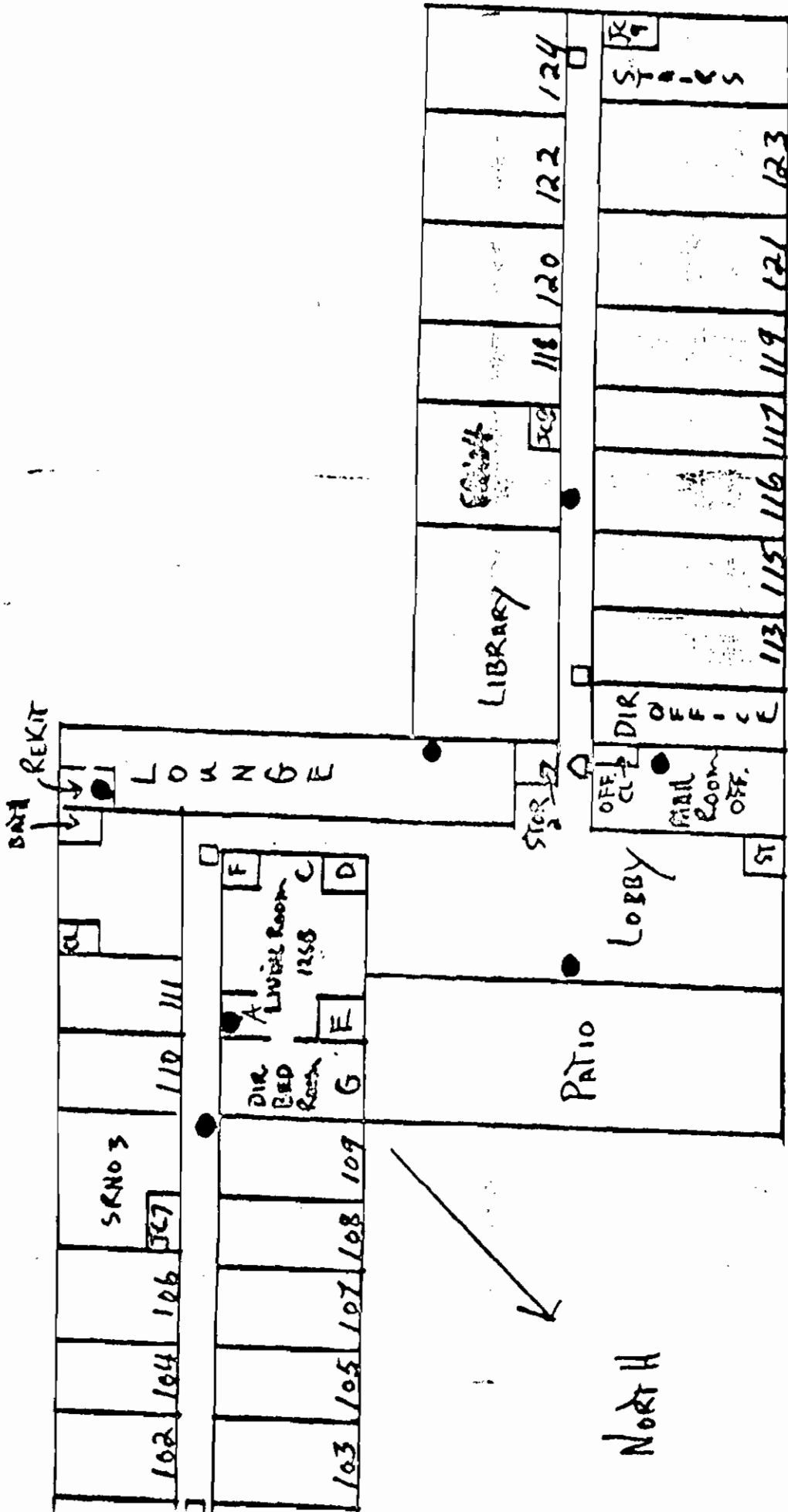
- FIRE ALARMS □
- PW. EXT. ●
- CO2 EXT. ●
- ABC EXT. ●
- GENERATOR ○
- FIRE PANEL ○

SUNY New Paltz
Safety Office

8/75

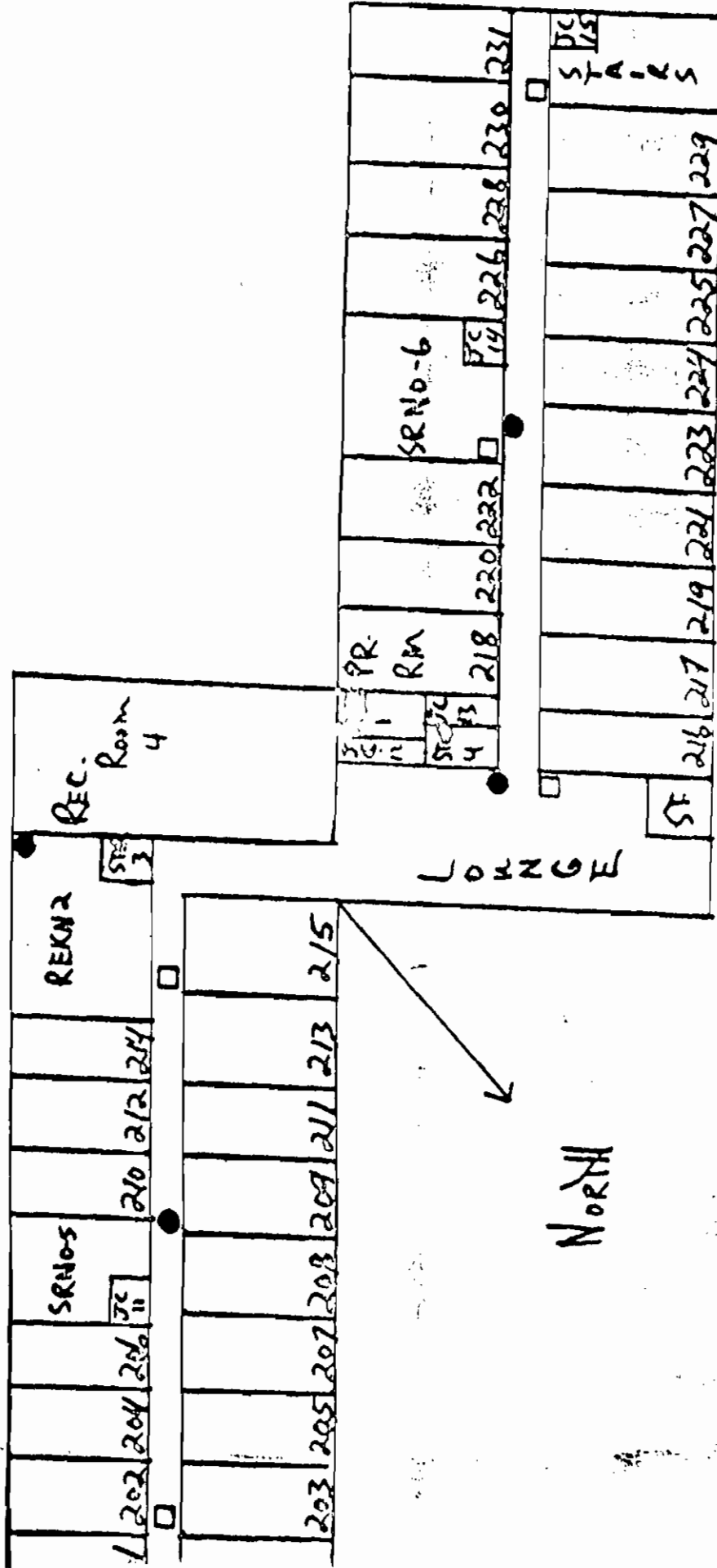


CAPEN HALL - FIRST FLOOR



22

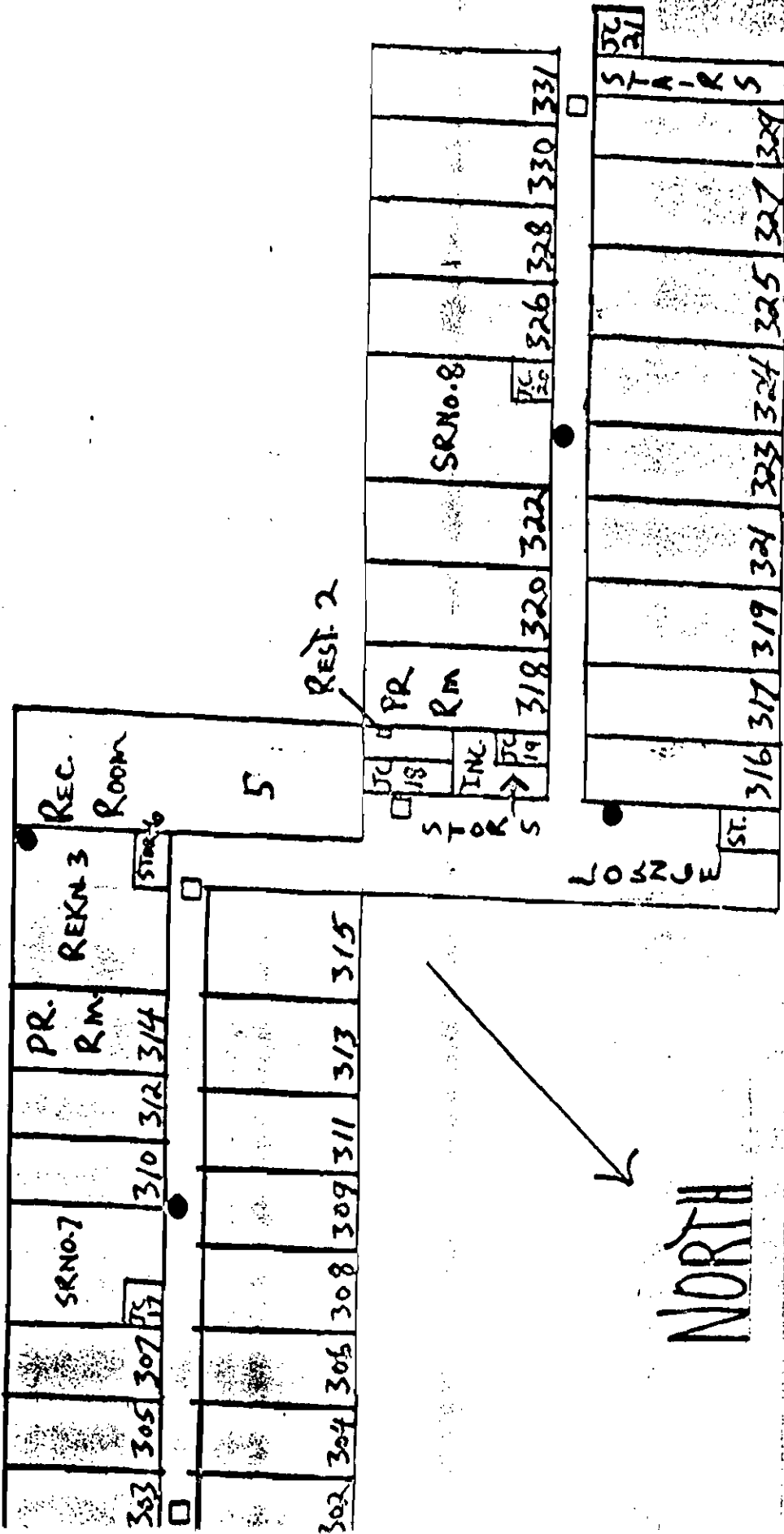
CAPEN HALL - SECOND FLOOR



NORTH

CAPEN HALL

Third Floor



January 31, 1992

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

Please find attached the Cleaning and Opening plan for Gage Hall for the following building on the State University of New York campus in New Paltz:

Building: Gage hall

Revision 1.6
with addendum 1.0 + 2.0

I have received, reviewed
and approved this plan.

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

Paul P. Kirk For Paul P. Kirk
Paul P. Kirk
Clean Harbors of Kingston

Paul P. Kirk For Paul P. Kirk
Paul P. Kirk
Clean Harbors of Kingston

Dean N. Palen 1/31/92
Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Dean N. Palen 2/1/92, Allan D. Dimmitt 2/1/92
Dean N. Palen, P.E., MBA
Ulster County Health Dept.

Kristine Edwards 1/31/92
Kristine Edwards
NYS Office of Gen. Services

Kristine Edwards 2/1/92
Kristine Edwards
NYS Office of Gen. Services

GAGE CLEANUP PLAN
1/16/92

Page 1 Rev. 1.6

1) Perform Industrial Cleaning in public access areas such as hallways, bathrooms, stairs, handrails, etc., on levels 3, 2, 1 and the basement. This will consist of using a water based solution of Trisodium Phosphate and commercially available detergent and wet mopping the visibly clean areas or scrubbing the visually dirty areas until they appear "clean". In doing so only small amounts of solution will be used to minimize waste and avoid spreading the contamination. After mopping a section of floor, the mop will be rinsed in a dilute bucket of the same solution to partially clean mop. Then dipping the mop in the concentrated solution to continue the cleaning activities. Mops or brushes will be replaced often to eliminate the spread of contaminants. Levels of protection for this task will be modified level "C" protection, except in the immediate vicinity of the transformer vault which will be level "D". Level "B" will be used in the vault. Rinsing the area will be done with water from an entirely separate bucket. This water will be replaced often, at least once per level. Industrial cleaning will progress from top level to basement to avoid travel over cleaned areas. Foot protection will be changed from floor to floor. All wastes will be stored in drums, labeled properly for PCB wastes - 170 drums for liquids and 17H drums or registered hazardous waste hauler rolloffs for solids (with bows and intact tarps). Mats that are not attached will be disposed of. Carpeting will be washed and rinsed in the following fashion. Apply a dilute solution of the TSP and detergent to the carpet using a commercially available sprayer (the type that is used to apply pesticides to plants). Using a stiff bristled brush work the cleaning solution into the carpet. Remove as much of the wash solution as possible using a vacuum equipped with a HEPA filter. Apply water to the carpet using a different spray unit. Remove the excess water using a vacuum equipped with a HEPA filter. Allow carpet to dry, and treat, store, etc of all generated wastes as PCB contaminated.

** Target Complete Date - 1/13/92

Wipe samples can be collected one per level in an area which is immediately adjacent to the precleanup locations.

**** Target Complete Date - 1/14/92**

When these activities are complete, the area which is delineated by the transformer vault plus a buffer zone of 3 feet will be cordoned off using copious amounts of caution tape. Air sampling results must be below the acceptable levels. The isolation measures for transformer removal must be in place prior to cleanup of the building.

**** Target Complete Date 1/14/92**

The vault area will then be checked for power

**** Target Complete Date 1/16/92**

In the case of Gage we believe the access door will be used rather than making a wall penetration. The transformer will be wiped down and then double wrapped in 6 mil polyethylene. The transformer will then be removed and stored in the indoor central storage area with proper markings and in PCB drip pans. All associated electrical equipment on the inside of the vault will then be removed and stored in an appropriate registered roll-off container. This will be in Level "B" protection inside the isolation measures and level "C" protection outside the isolation measures but inside the overall exclusion zone for the building.

**** Target Complete Date 1/19/92**

Pull wires into transformer vault. (procedure in January 5 document - "Emergency Response Procedures") and place into proper container. The manholes will be addressed under a separate document.

**** Target Complete Date 1/20/92**

Perform the double wash/double rinse procedures on all surfaces inside the vault (See Appendix B in January 5, 1992 "Emergency Response Procedures"). Remove and dispose of doors into the vaults. Replace these with a temporary wooden hinged door assembly to limit access. This will be a of sturdy construction. The ceiling, in the vault, contains asbestos. It will be removed before the decontamination activities are complete. The removal will comply with all applicable local, state and federal regulations and all applicable notifications will be made by the general contractor.

** Target Complete Date 1/22/92

Perform required analysis

** Target Complete Date 1/23/92

Receive PCB wipe sample results Draft

** Target Complete Date 1/23/92

Receive Dioxin wipe sample results

** Target Complete Date 1/31/92

Open Gage for re-occupancy - Given DOH approval and acceptable analytic results.

** Target Complete Date 1/31/92

Post Cleaning Sampling- One sample per student room on one of the desks. Two samples per level at the corners of the building and one sample outside the vault all samples on horizontal surfaces not being the floor.

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 Sage.

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 contaminants, 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 bases 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

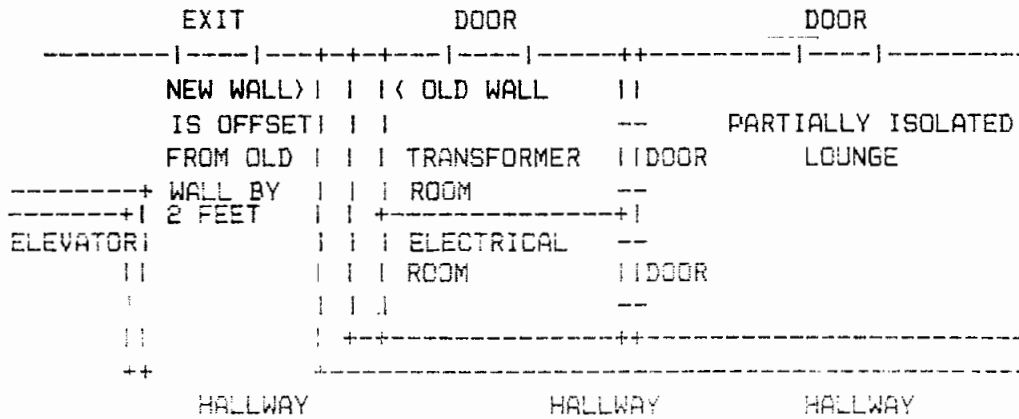
careful not to over saturate the carpet. Remove the rinse water with the vacuum. Work from lowest to highest concentration and from upper levels to lower levels with care to work in a manner to allow exit without crossing the cleaned areas. Let dry and sample (see below).

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-labeled. 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.

GAGE ISOLATION PLAN
 2/01/91 Revision 1 to addendum 1
 VAULT, ELECTRICAL ROOM, LOUNGE EXCLUSION PLAN



PLEASE INSPECT THE AREA IMMEDIATELY AND DETERMINE THE MATERIALS REQUIRED. OBTAIN THE MATERIALS SINCE THE PLAN IS TO OPEN THIS BUILDING BY SATURDAY.

THE FRAMING FOR THE WALLS NEEDS TO BE METAL AND THE CONSTRUCTION MATERIAL IS FIRE RATED SHEET ROCK.

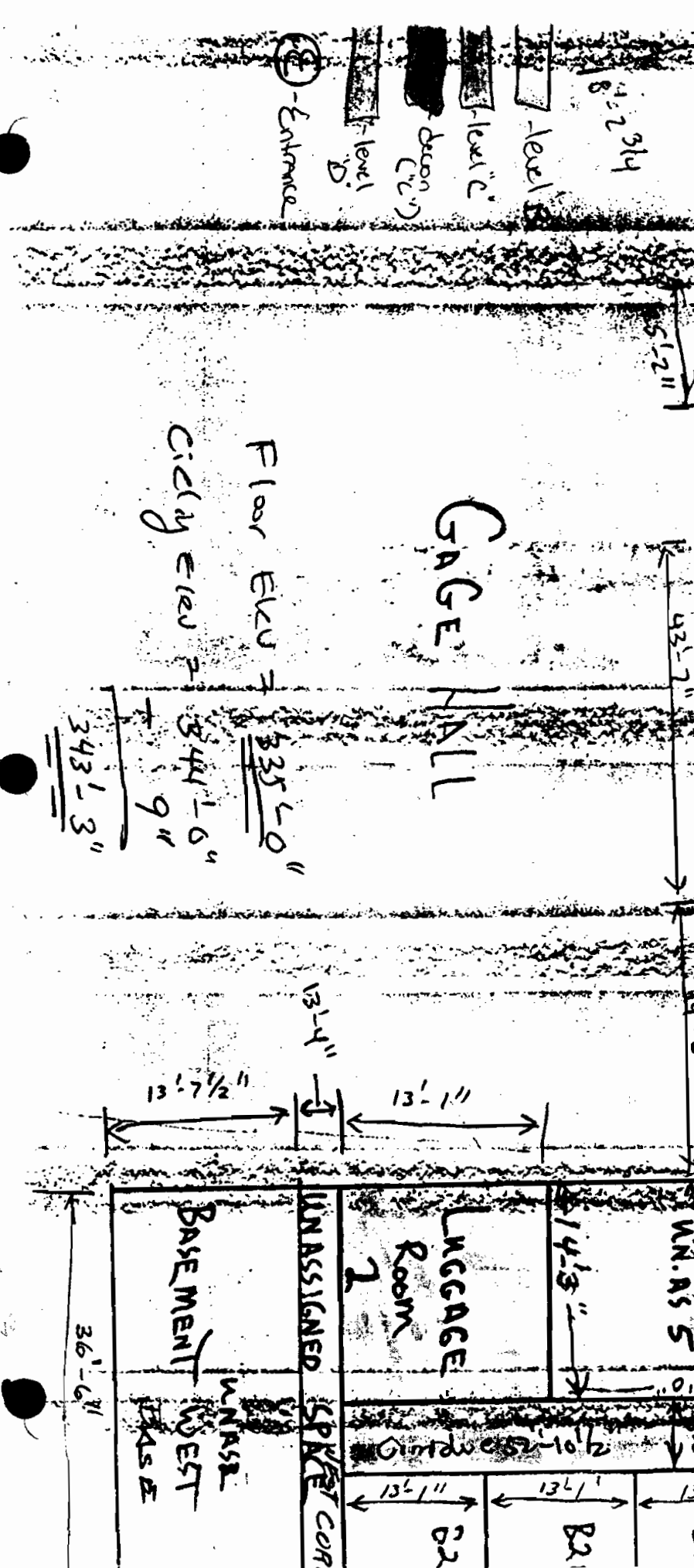
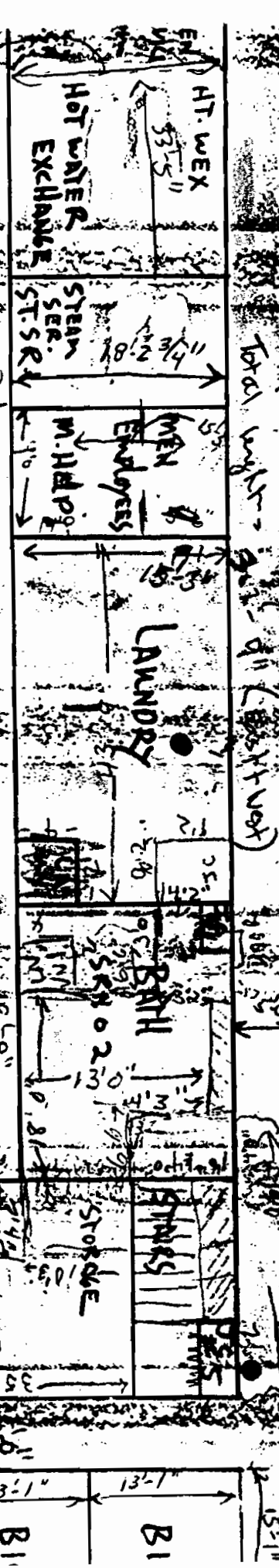
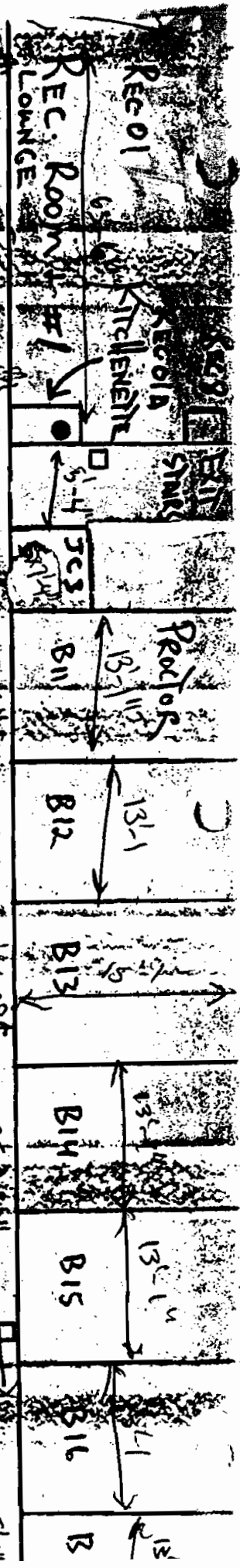
* The isolation was extended to include the elevator and the entire rec. room to allow for complete isolation of the vault area for subsequent decon. Components of the isolation materials were in accordance with the specifications of OGS and Clean Harbors.

* Denotes revision to Addendum 1.

GAGE CLEANUP PLAN
2/01/92

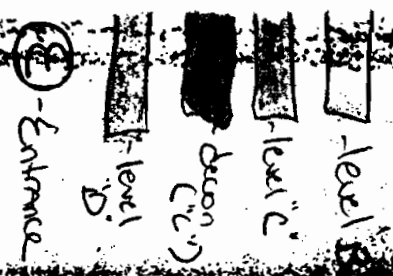
ADDENDUM 2.0

Analytical results of a precleaning wipe sample on a fire extinguisher on the third floor of Gage Hall indicated 5.1 microgram per 100 square centimeter PCB contamination. All fire extinguishers were removed from the third floor of Gage Hall and properly disposed.



GAGE HALL

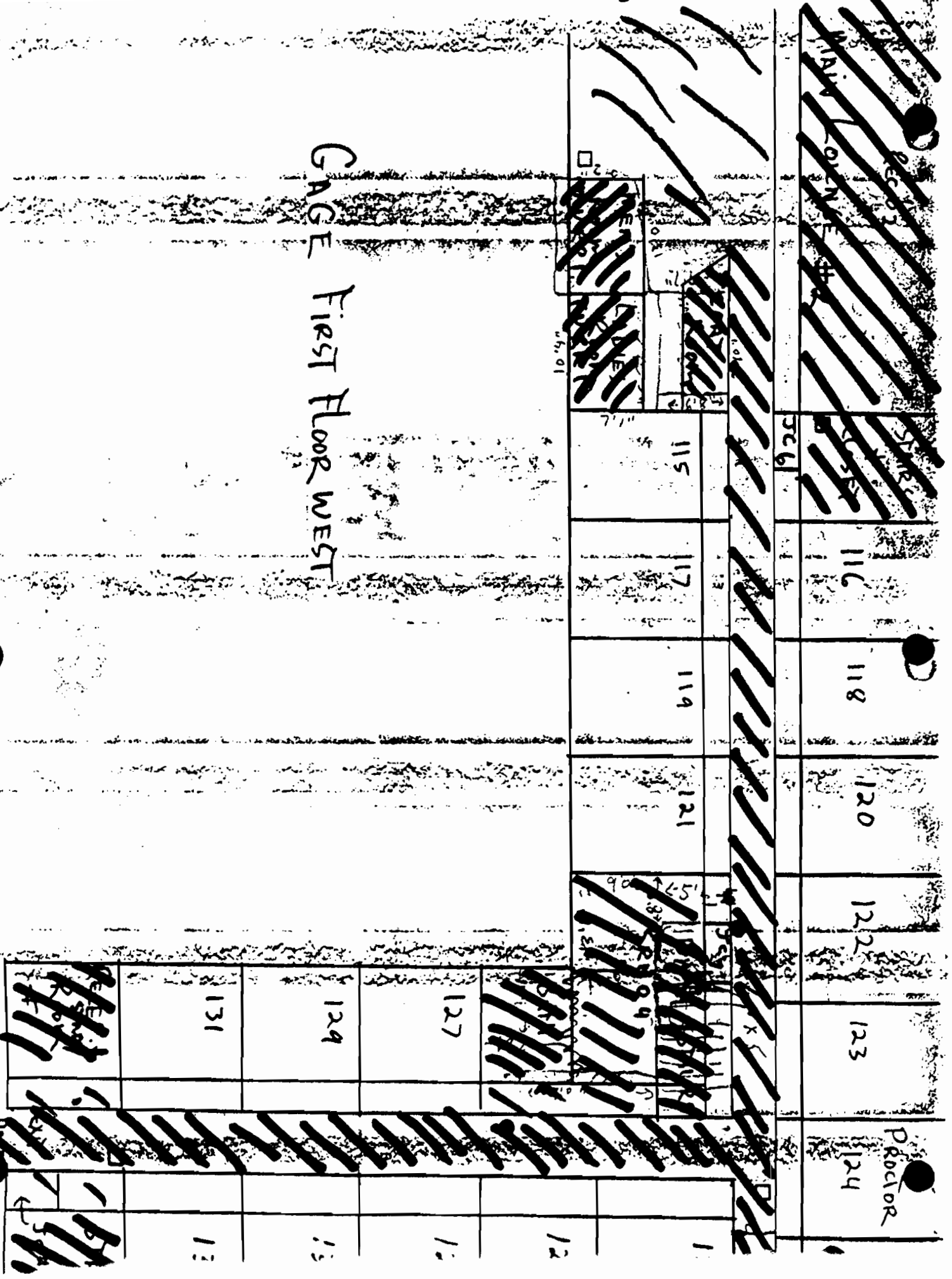
Floor ELEV = 335'-0"
 Ceiling elev = 344'-6"
9"
343'-3"



Total length = 91' (East-West)

36'-6"

GAGE FIRST FLOOR WEST



210	211	212	213	215	217	Reactor	219	223
209				214	216	218	220	222
208								
206		207						
204		205						
202		203						
		201						
		Reactor						

SECOND FLOOR EAST

205

DC
16

Reactor
208

Reactor

219

220

223

SECOND FLOOR WEST

225	226	228	229	Reactor 230	232	234	236	238	239
227	227	228	229	231	233	235	237	238	239
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Reactor
244

247

245

243

~~248~~

15

2

2

NI

February 5, 1992

Mr. Dean N. Palen, P.E., MBA
Director of Environmental Sanitation Division
Ulster County Health Department
300 Flatbush Ave.
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: Old Library


Revision 1.6


Addendum # 1. Rev 2.0


I have received, reviewed and approved this plan.

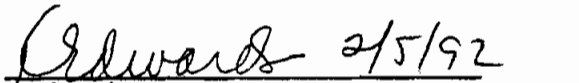
I have inspected the completed work and it meets my approval.



Paul Pukk
Clean Harbors of Kingston


Paul Pukk
Clean Harbors of Kingston


Dean N. Palen, P.E., MBA
Ulster County Health Dept.


Dean N. Palen, P.E., MBA
Ulster County Health Dept.


Kristine Edwards
NYS Office of General Services


Kristine Edwards
NYS Office of General Services

CLEANING PLAN FOR OLD LIBRARY
1/24/92

Page 1 Rev 1.6

Levels of PCB were detected immediately outside the vault area that need to be addressed. These levels were 24 and 28 micrograms per 100 square centimeters. These put them into the range for level "B" protection but does not necessary indicate that this transformer was involved in the December of 1991 incident. A transformer that exhibits wear and develops a leak, such as that observed in this vault, can have levels such as these tracked out of the vault area by the personnel doing the regular maintenance. Regardless of the source the 24 and 28 micrograms per 100 square centimeters is above the criteria for re-occupancy set by the Ulster County Health Department and must be cleaned. Level of Protection in the vault and in the immediate area will be "B". All other work areas will be level "C".

The transformer is in room B5. B7 is a boiler room. In the hallway outside the transformer room there are three old transformers which should be tested and if they contain PCB be removed. There are 2 polishing machines that are also in the hallway which are cumbersome and contain many moving parts. If these are not re-usable they should be disposed of. Other forms of miscellaneous equipment are located in the hallways and if they are more than 15 feet from the doorway of room B5, they will be left in place; if less than 15 feet from the doorway, they will be disposed of. The 15 feet represents the extent of the contamination plus a buffer zone which is recommended by the EPA spill cleanup guidelines. If the University intends to retain any of the equipment that is within 15 feet of the doorway it should be marked with a bright orange tag before cleaning commences. The items to be saved should be kept to a minimum since the cleaning will be difficult and near to impossible to confirm. The drum of "volatile amines" should be overpacked, have a packing slip attached with all available information and removed to the central storage area as a non-PCB possible corrosive flammable liquid for later analysis and disposal. The floors are cement in this hallway. The empty drums of ammonium stripper should be removed and disposed. The liquid on the floor in room B5 must be sampled and analyzed before cleaning. The current in room B5 will have to be interrupted before cleaning (If the results from the oil are positive for PCB's) because of the many wall units and hanging incandescent lighting. Room B4 has electrical wall boxes and conduits, a chair, some hoses, hanging lights. Only the chair will be Industrial Cleaned in this room. Room B6 contains much equipment with expected asbestos wrapping on pipes and tanks. There is a 3 foot wide conduit overhead with piping above the conduit.

The room has wall panels and many tanks as well as having a very high temperature. The Cleaning will not extend into this room. Room B7, the boiler room, has debris on the floor that consists of such materials as screens, wires, etc. There is a 3 foot wide conduit overhead with more pipes above the conduit. The room also contains a large piece of equipment which extracts the heat from hot water. The temperature is extremely high in this room. No cleaning will be conducted in this room.

In the areas immediately outside the vault area (to a average maximum of 15 feet) isolate the area with poly and 2 x 4's to prevent contaminate migration. On the floor and other high contact horizontal surfaces Industrial Clean. Clean light fixtures 100B and 100C.

The leak from the transformer has been repaired. The stain on the floor will be chipped up. The vault will be double washed and rinsed. The vault will then be resampled.

** Target Complete Date 1/25/92

- o Clean hallway outside transformer vault.
- o Clean exit from vault through first floor out to door.

Post Cleaning Sampling- 1 sample immediately outside the vault on a horizontal surface other than the floor and one sample immediately inside the vault on a horizontal surface other the the floor or transformer.

OLD LIBRARY CLEANUP PLAN
ADDENDUM 1.0

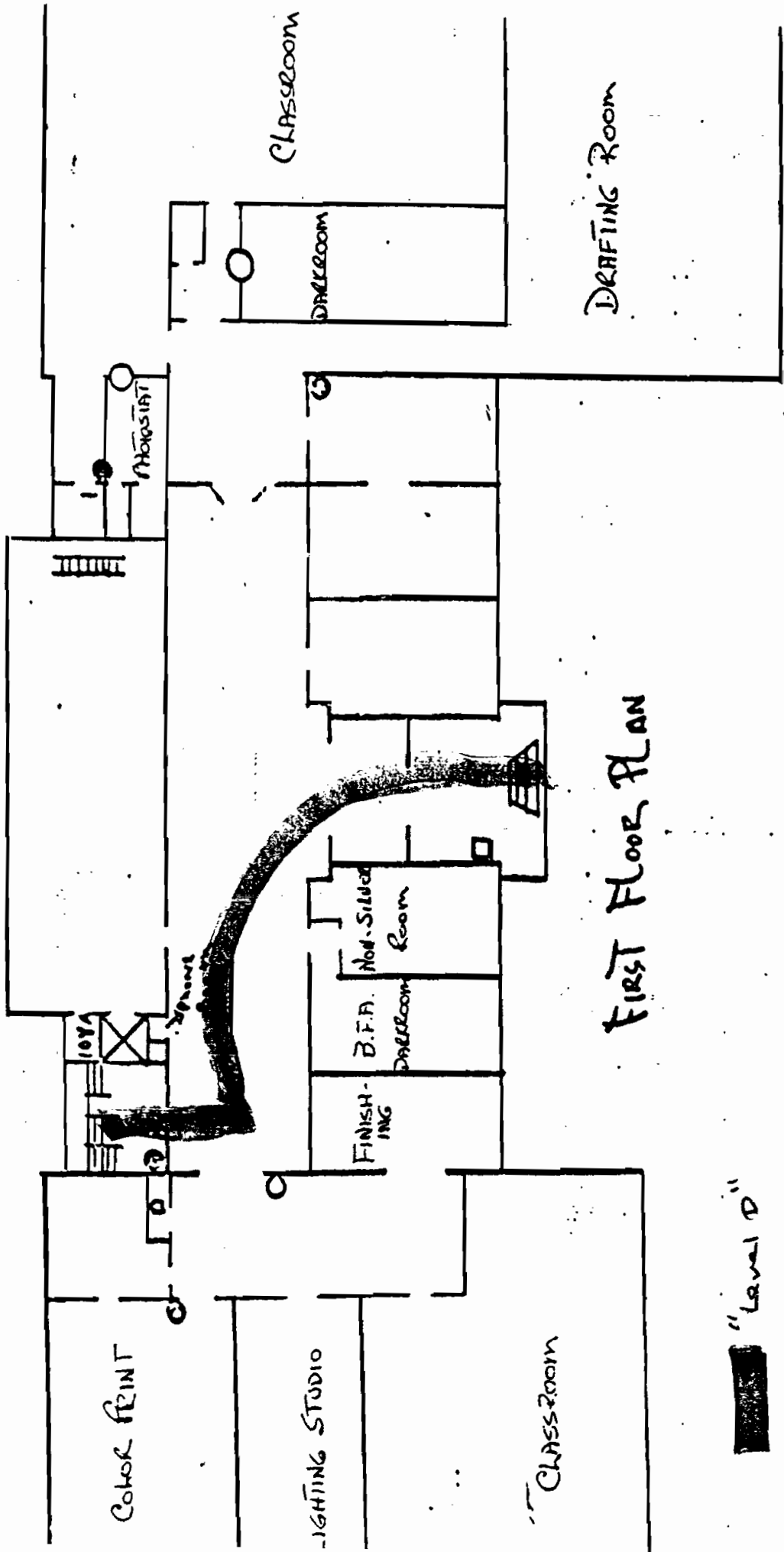
PAGE 1.0 REV. 2.0
2/05/92

The transformer room has a PCB level of 10 micrograms per 100 square centimeters on the floor. The floor area will be Double washed/double rinsed. A sample will be taken from the floor of the transformer vault after cleaning. This sample will be 900 square centimeters. The area will be restricted until a satisfactory reading is obtained. The decontamination area will not be removed until a satisfactory reading is obtained.

After double wash and cleaning analytical results of a wipe sample inside the vault indicated PCB levels of 1.3 micrograms per 100 square centimeters on the floor. The vault area was re double washed and double rinsed. The area outside the vault including public areas in the basement were also industrial cleaned at the request of the Board of Health.

levels of Protection

OLD LIBRARY



FIRST FLOOR PLAN

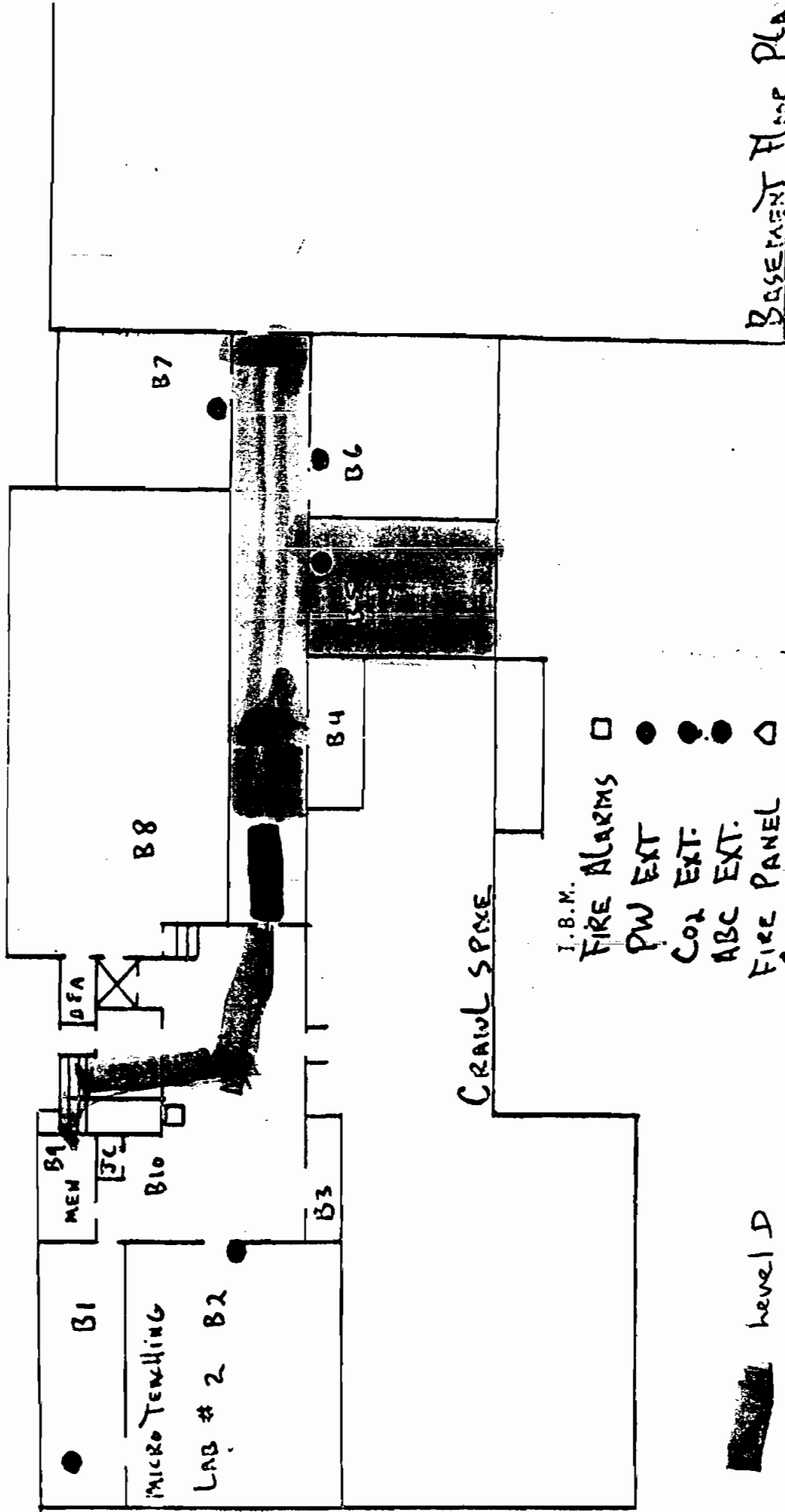
"Level D"

REVISED - 6-19-85

Levels of Protection

Building # 4 (OL)

OLD LIBRARY



BASEMENT Floor Plan

- I.B.M. □
- FIRE ALARMS □
- PW EXT. ●
- CO2 EXT. ●
- ABC EXT. ●
- FIRE PANEL △
- GENERATOR □

SUNY New Paltz 8475
Safety Office

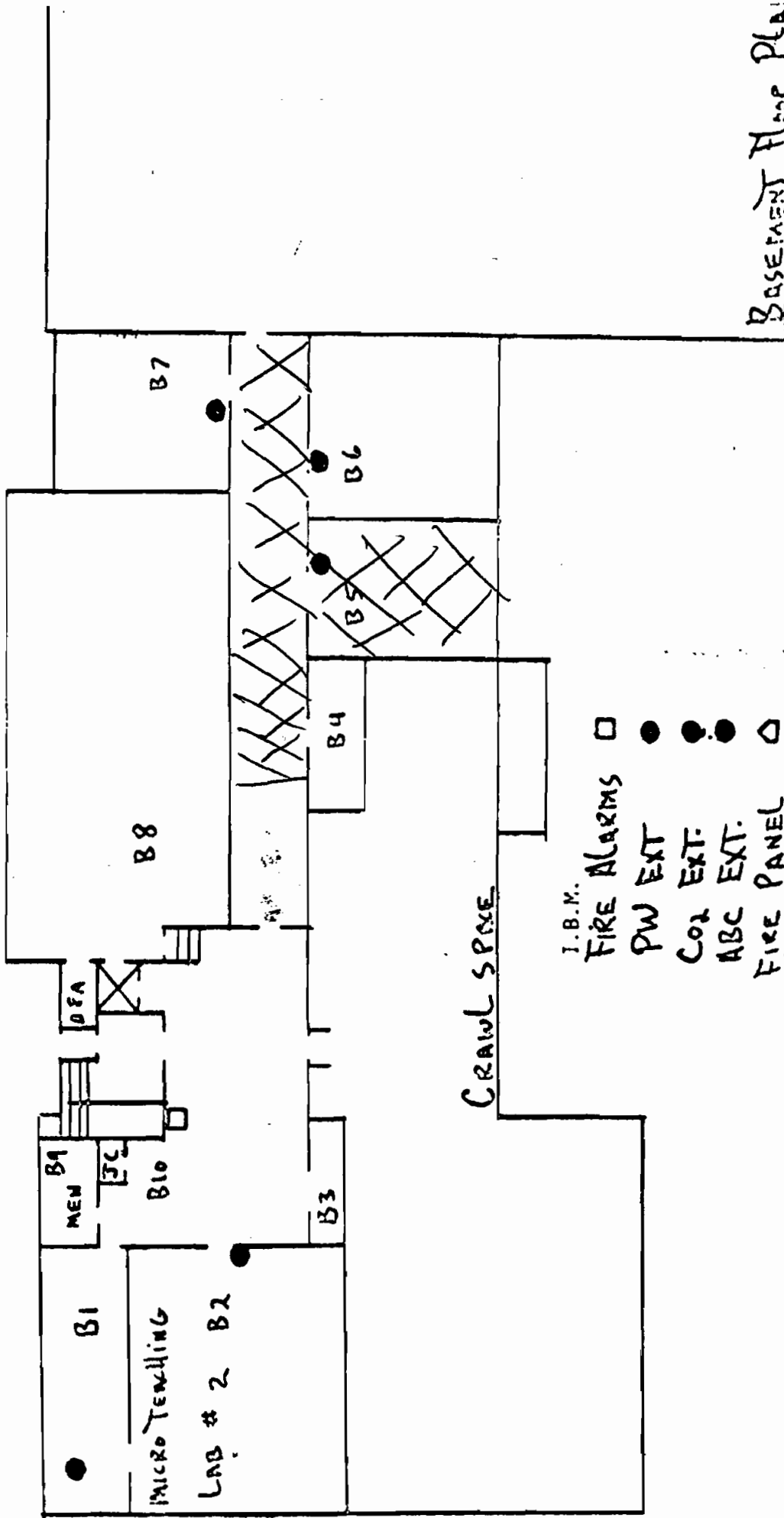
APPROXIMATE SCALE 1" = 18'

[Redacted] Level D
 [Redacted] "Decon C"
 [Redacted] Level C
 [Redacted] Level B

Primary Cleaning Area

Building # 4 (OL)

OLD LIBRARY



BASEMENT Floor Plan

- I.B.M.
- FIRE ALARMS □
 - PW EXT ●
 - CO2 EXT. ●
 - ABC EXT. ●
 - FIRE PANEL ◊
 - GENERATOR ◊

8-75

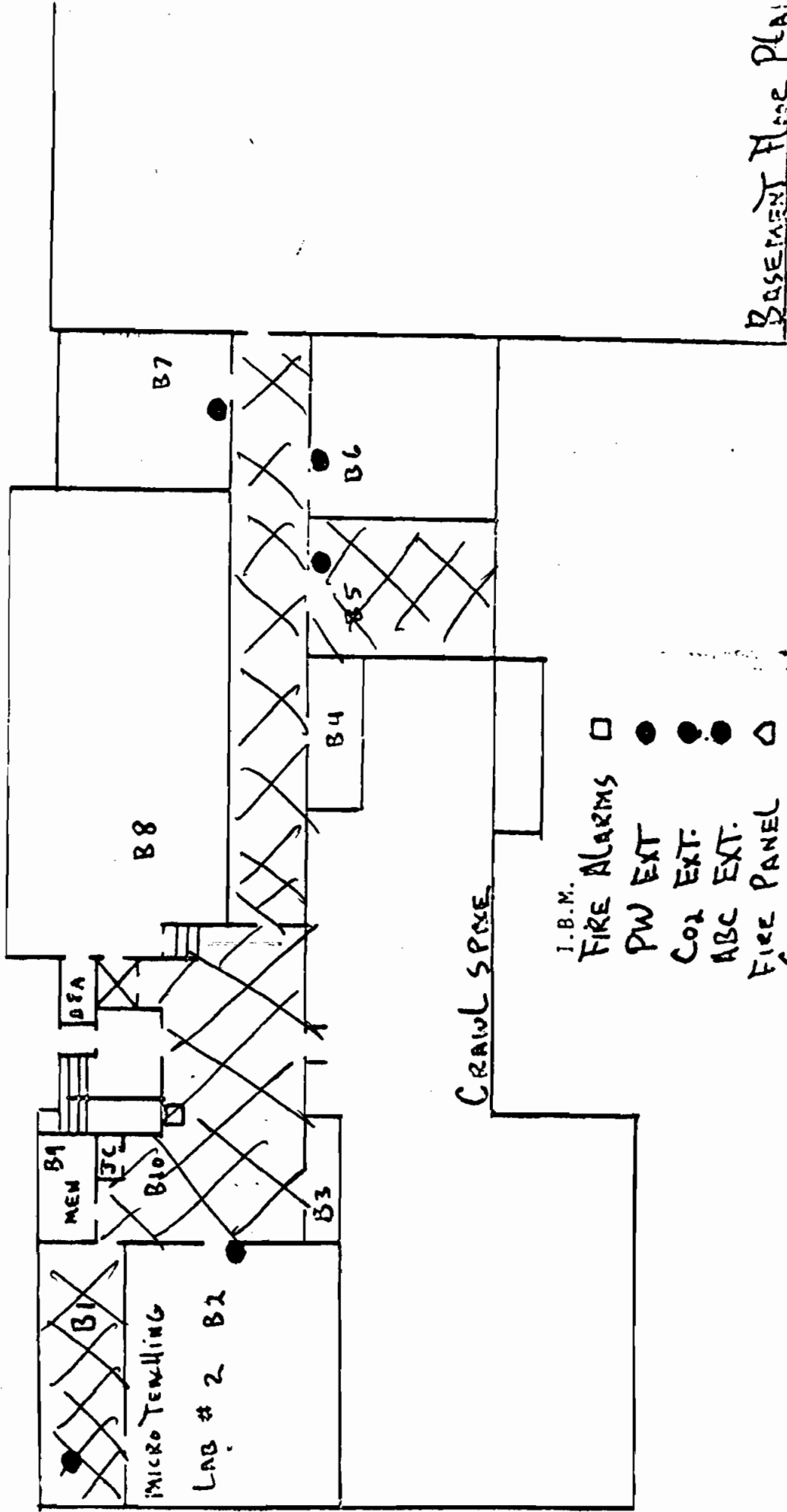
SUNY New Paltz
Safety Office

APPROXIMATE SCALE 1"=18'

Secondary Cleaning Area

Building # 4 (OL)

OLD LIBRARY



- I.B.M. □
 FIRE ALARMS □
 PW EXT. ●
 CO2 EXT. ●
 ABC EXT. ●
 FIRE PANEL □
 GENERATOR □

SUNY New Paltz
Safety Office

875

APPROXIMATE SCALE 1"=18'

BASEMENT Floor Plan



SUNY
PCB Environmental Migration Evaluation
06/18/92
Page 1.0 Rev. 1.0
Document # 06189201

Scope: To Evaluate the Subsurface External PCB Migration

To evaluate the possibility of subsurface PCB migration from the transformer vaults, in the effected buildings, on the SUNY campus several soil borings will be conducted in the immediate areas of the vaults. To determine the proper location for these borings three wells will be installed around the buildings to be investigated to determine the sub-surface geological strata and subsurface water table flow patterns. These wells will be located in a manner such that they surround the entire area to be investigated but do not compromise or interfere with existing structures. The borings will be placed at points as close to the buildings as possible but reflect the most probable routes of migration as determined by the information obtained from the well borings and resultant water table elevations. A minimum of one boring per building will be drilled giving a total of 3 wells and 5 borings. If the subsurface conditions are in question or it is suspected that structures in the area may be influencing the possible migratory paths of the contamination additional borings will be recommended.

The cores recovered from split spoon samples obtained from the borings will be evaluated for PCB concentration at 1 foot intervals, if possible. The wells and borings will be abandoned at the termination of the sub-surface investigation.

Information obtained from this investigation may be used to recommend further remediation of the area or to conclude that no sub-surface migration has occurred.

Since the possibility exists in encountering PCB contamination while drilling, proper PPE and monitoring will be conducted. A trained Geologist will be present to complete the drilling logs and assure that misinterpretations of subsurface phenomena, such as perched water being the water table, does not occur. Labeling and other sample tracking systems currently used on the site will be adhered to.



SUNY
PCB ENVIRONMENTAL MIGRATION EVALUATION
06/18/92
Page 2.0 Rev. 1.0
Document # 6189201

Standard decontamination procedures to avoid cross contamination will be used. All wastes that are suspected of being contaminated will be disposed of as high contact materials, or tested to determine the proper disposal methods.

Standard Health and Safety measures will be used to isolate the area and delineate the work zones.



SUNY
07/07/92
Backfilling Specifications
Page 1.0 Rev. 1.0
Document # 7069202

Scope: To comprehensively outline the requirements necessary to complete the backfilling procedures associated with the soil remediation at buildings where excavation will take place.

Backfilling

1.0 General Backfill

A. All backfill required for structures and trenches and required to provide the finished grades shown and as described herein shall be furnished, placed and compacted by the CONTRACTOR. Unless otherwise specified fill may be obtained from off-site sources. All materials used for filling and backfilling shall be clean soils of acceptable quality and shall be free from boulders, excessive clay, frozen lumps, wood, stumps, sludge or other organic material or deleterious materials. Clean excavated materials meeting these requirements may be used as backfill.

B. Backfill excavations as promptly as work permits, but not until completion of the following:

1. Acceptance by ENGINEER of construction below finish grade including dampproofing, waterproofing, and perimeter insulation.
2. Inspection, testing, approval, and recording of locations of underground utilities.
3. Removal of shoring, bracing and backfilling of voids with satisfactory materials.
4. Removal of trash and debris.

C. Excavation shall be kept dry during backfilling operations. Backfill around structures and piping shall be brought up evenly on all sides.

D. Unless otherwise specified or directed by the ENGINEER fill shall be placed in loose lifts not exceeding 12 inches in thickness and shall be mixed and spread in a manner assuring uniform lift thickness after placing.

E. The water content of fill material shall be controlled during placement within the range necessary to obtain the compaction specified. In general, the moisture content of the fill shall be within three (3) percent of the optimum water content for compaction as determined by laboratory tests. CONTRACTOR shall perform all necessary work to adjust the water content of the material to within the range necessary to permit the compaction specified. No fill material shall be placed when free water is standing on the surface of the area where the fill is to be placed. No compaction of fill will be permitted with free water on any portion of the fill to be compacted.

F. Compaction of fill shall be performed with equipment suitable for the type of material placed and which is capable of providing the densities required. CONTRACTOR shall select compaction equipment and submit it and his proposed procedure to the ENGINEER for approval.

G. Fill shall be compacted by at least two coverages of all portions of the surface of each lift by compaction equipment. One coverage is defined as the condition obtained when all portions of the surface of the fill material have been subjected to the direct contact of the compactor.

H. The effectiveness of the equipment selected by the CONTRACTOR shall be tested at the commencement of compacted fill work by construction of a small section of fill within the area where fill is to be placed. If tests on this section of fill show that the specified compaction is not obtained, the CONTRACTOR shall increase the amount of coverages, decrease the lift thicknesses or obtain a different type of compactor.

I. Backfill around structures shall be performed using the specified procedures, except that within ten (10) feet of foundations and underground structures, light compaction equipment should be used, with the gross weight of the equipment not exceeding 7,000 lbs. Provide equipment that is capable of the required compaction within restricted areas next to structures and around piping.

J. The minimum density for general backfill shall be 95 percent of the maximum density obtained in the laboratory in accordance with ASTM D 698 Method C including Note 2. This percentage is of standard Proctor density. Testing shall only be required if directed by the ENGINEER.

K. If the specified densities are not obtained because of improper control of placement or compaction procedures, or because of inadequately or improperly functioning compaction equipment, the CONTRACTOR shall perform whatever work is required to provide the required densities. This work shall include complete removal of unacceptable fill areas, replacement and recompaction until acceptable fill is provided.

2.0 Select Fill

A. Select fill shall be provided in the following locations:
1. Support below and around piping and foundations.
2. Where shown or directed by ENGINEER.

B. Subgrade surface shall be level, dry, firm and subject to ENGINEER'S approval. Fill shall not be placed if any water is on the surface of area to receive fill. Fill shall not be placed or compacted in a frozen condition or on top of frozen material.

C. Fill shall be placed in horizontal loose lifts of 12 inches maximum thickness. It shall be mixed and spread in a manner to assure uniform lift thickness after placing.

D. Each layer of fill shall be compacted before placement of the next lift.

E. Fill containing lumps, pockets or concentrations of silt or clay, rubble, debris, wood or other organic matter shall not be placed. Fill containing unacceptable material shall be removed and disposed of.

F. The water content of the fill being compacted shall be above the bulking water content for the material. CONTRACTOR shall wet the fill materials during placement to achieve water contents needed for effective compaction.

G. Compaction of fill shall be performed with equipment suitable for the type of material being placed. CONTRACTOR shall select equipment which is capable of providing the densities required and shall submit the equipment to the ENGINEER for approval.

H. Vibratory rollers or vibratory plate compactors are suitable for compaction of select fill. Each layer of fill material shall be compacted by at least two complete

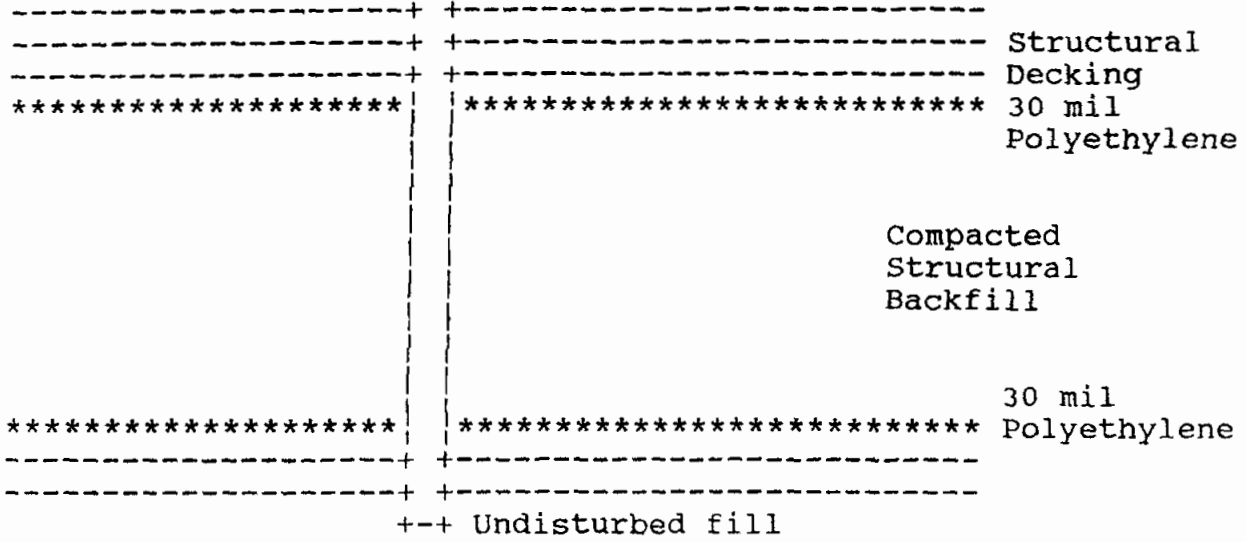
coverages of all portions of the surface of each lift using approved compaction equipment. One coverage is defined as the condition reached when all portions of the fill lift have been subjected to the direct contact of the compacting surface of the compactor.

I. The minimum density to be obtained in compacting the select fill shall be 95 percent of maximum density obtained in the laboratory in accordance with ASTM D 698 Method C including Note 2. This percentage is of standard Proctor density. If the field and laboratory tests indicate unsatisfactory compaction, CONTRACTOR shall provide the additional compaction necessary to obtain the specified degree of compaction.



SCUDDER VAULT

6 inch PVC Pipe from surface to
+-+bottom of excavation for sampling.





SUNY
Subsurface Investigation
06/05/92
Document # 6059203
Page 1.0 Rev 2.0

Scope: To investigate the possibility of sub-surface migration of PCB from the transformer vaults of the effected buildings.

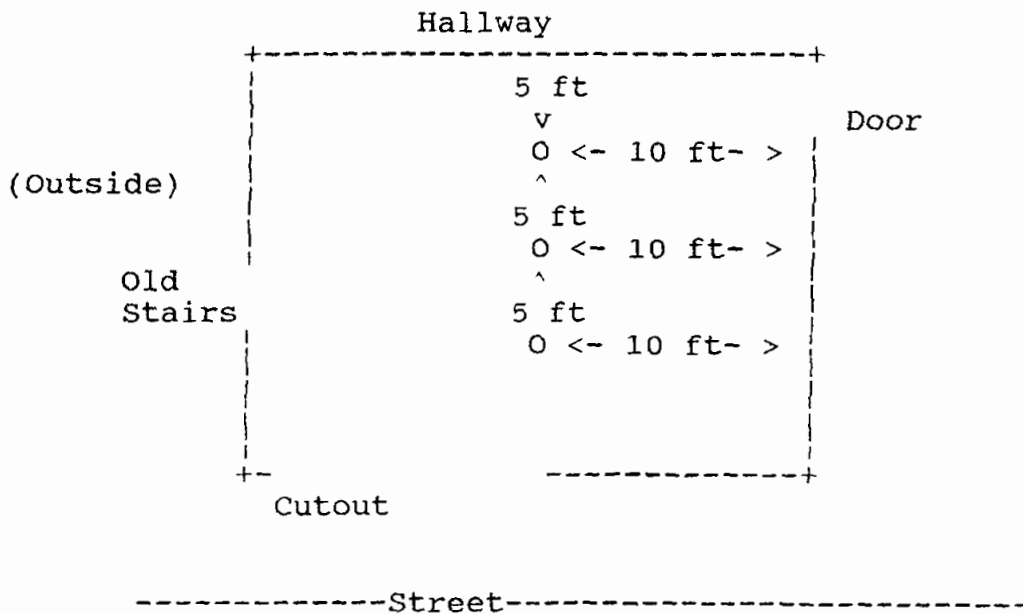
Due to the fact that extensive PCB contamination has been uncovered directly under the transformer vaults of several effected buildings it will be necessary to determine the extent, if any, of PCB migration from these areas. In order to accomplish this we will have to use the standard operating procedures which include placing wells upstream for control and to assure the direction of flow of groundwater.

Since the vault floor has acted as a cap and the footings of the buildings has acted as a cut off wall, the migration of PCB is not likely but is possible therefore this exercise is necessary. These wells will also be useful in assuring complete remediation of the campus.

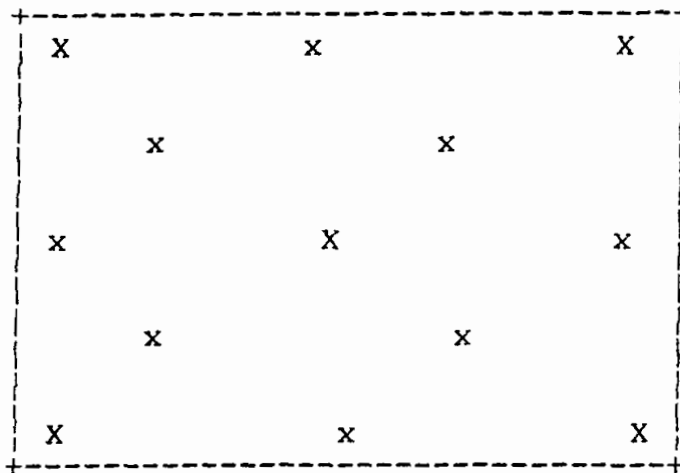
If removal of layers of soil in the vault area becomes to labor intensive and doesn't produce the expected reduction gradient of concentrations then limited subsurface investigation of the area immediately under the vault area will be conducted. These measures will include but not be limited to soil gas surveys using temporary gas extraction points and trial borings using hand borers.

Initially hand borings will be done in several locations at several depths to determine the extent and uniformity of the contamination spread. In critical areas the samples will be analyzed on a 24 hour basis.

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First Numbers are the original samples.
Second set is after Halogenated Solvent Washing in ()'s
Samples from first set weren't exact matches for first
but were matched with second set fairly closely.



Top view of Vault Floor

All x's are included in composite

Only large X's are to be analyzed seperately option

Using the diagram above the initial sample will be a composite of all 13 points. To sample these points bush away about 1/8" of soil using a brush or similar device. Make sure that the device is decontaminated or discarded between points. Then sample all thirteen points placing the individual samples into a stainless steel bowl. Mix up the composite samples and obtain one sample for 24 hour turnaround.

After taking these sample we will only be using the large X (five) for the remaining levels. One split spoon sample will be taken at each of the five points driven to the depth of five feet. The top and bottom of each recovery will be designated as top (1 foot depth) and bottom (2 foot depth) from existing grade or first recovered in the split spoon at initial grade minus five feet and last recovered initial grade minus six feet.

Each of the samples will be analyzed seperately given a total of 10 samples below grade obtained with the split spoon. Clean the split spoon with methanol between points. These samples will be analyzed on a 48 hour basis. Splits will be kept for later conformation by the field test procedure.