



**Phase I Environmental Site Assessment
of the
Western State Hospital
Staunton, Virginia**

Prepared for
City of Staunton, Virginia

Wiley|Wilson Comm. No. 209161.00

August 31, 2009



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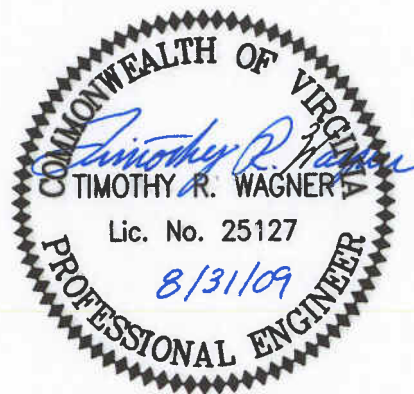




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This report was prepared solely for the use of the City of Staunton for this project. It is a statement of professional opinion based on information available at the time of preparation. It represents conditions at a specific time which is identified in the report and these conditions may change. To develop this report, the standard of care applicable to professional services was used.



CERTIFICATION

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

A blue ink signature of Timothy R. Wagner, written in a cursive style.

Timothy R. Wagner, P.E.
Project Manager

A blue ink signature of Kenneth Nowakowski, written in a cursive style.

Kenneth Nowakowski, P.E.
Senior Environmental Engineer



SUMMARY

Site Description

A Phase I Environmental Site Assessment (ESA) was performed in accordance with American Society of Testing Materials (ASTM) Standard E 1527-05 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process". The assessment was performed for the City of Staunton, Virginia at the Western State Hospital Property on August 6, 2009, by Wiley|Wilson. An ESA is performed on a commercial property site to identify recognized environmental conditions based on a review of historical documentation of environmental conditions and visual site reconnaissance for evidence of a release or threat of release of petroleum products or hazardous materials on or in the vicinity of the property. Recognized environmental conditions are defined by ASTM as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum products into structures on the property or into the ground, groundwater, or surface water on the property."

This report is to provide the City of Staunton a Phase I ESA of the Western State Hospital (WSH) property. The property is comprised of approximately 250 acres located in the northeast quadrant of the intersection of U.S. 250 and Interstate 81 in the City of Staunton corporate limits. The property is bordered to the east by Interstate 81, to the south by U.S. Route 250 (Jefferson Highway/Richmond Road), to the west by CSX Railroad and State Route 714 (Frontier Drive), and to the north by Mr. Nutty's property and the City of Staunton Industrial Development Authority property tract.

Environmental Conditions on the Subject Property

Based on the August 6, 2009 site reconnaissance, interviews with the staff at Western State Hospital and the City of Staunton, and review of available environmental records the following items may require additional investigation to determine their level of potential environmental hazard:

- The Fill Area on the Ridge North of the Wastewater Treatment Plant Site
This area has most likely been used as a debris landfill since the early 1990's based on a review of available aerial photographs and topographic maps. During the site reconnaissance of August 6, 2009 only soil, rock, woody debris, asphalt, concrete, and masonry was visible in the fill slope. However, the area that has already been filled is of concern, as the possibility of solid waste and environmentally hazardous materials in the fill is possible.



SUMMARY

- Ridge North of the Wastewater Treatment Plant Site
Based on historical DEQ documents a waste disposal area was located on the ridge to the northeast of the wastewater treatment plant site. This area was used for the storage and disposal of petroleum products, paints, solvents, and contaminated soils. By correspondence from the DEQ Valley Regional Office dated July 8, 1994, it appears as though this incident was closed and that no further compliance action is required. However, we recommend that the City conduct soil samples in this area to verify that soil contamination is not present.
- The Wastewater Treatment Plant Lagoon
According to available documentation and interviews with the Western State Hospital personnel, this lagoon was installed around 1970 for emergency situations. Even though the lagoon has been used very infrequently, the presence of hazardous materials and metals in the lagoon sediment is possible.
- The Dead and Dying Maple Trees along the Access Road
Along the main entrance road into the campus, the maple trees located on either side of a culverted stream are dead or dying. The location of these trees on both sides of a culvert that drains from the railroad and a farm cooperative site makes them suspect. There is the possibility that some herbicides used by the railroad could have entered into the culvert and killed the trees. It is also possible that the runoff from the farm cooperative could have killed the trees due to an excess of fertilizer, herbicides, or pesticides.
- CSX Railroad
Because railroads have historically presented environmental conditions due to their use of creosote cross ties, leaking diesel fuel, herbicides, and increased metals concentrations in the surrounding soils, the CSX railroad presents an environmental condition for the subject property.
- Asbestos
Asbestos is still present on-site, particularly in the Chirp Building (Building 100) and on a buried steam line located between Buildings 122 and 127. According to Western State Hospital personnel, an asbestos abatement program has been performed on the remainder of the buildings on-site. Based on the interviews, it appears as though the asbestos containing materials that were removed were the friable asbestos materials, asbestos floor tiles, and mastic that could be removed without destroying the integrity of the buildings. Asbestos containing materials still exists in enclosed areas.



SUMMARY

Environmental Conditions on the Adjoining Property

As mentioned above, the CSX Railroad could potential be of environmental concern to the Western State Hospital Property. The Augusta Farm Cooperative Bureau, Inc. could also be of environmental concern to the Western State Hospital due their production; storage; and distribution of pesticides, herbicides, and fertilizers.

Conclusions and Recommended Response Actions

Environmental conditions exist for the subject property based on the presence of the fill area, the wastewater lagoon, the dying vegetation along the entrance road, the presence of asbestos in the Chirp Building and buried steam piping, and the adjacent railroad and farm cooperative. We recommend that the City of Staunton perform a Phase II Environmental Site Assessment that includes test pits in the fill area, soils and groundwater sampling on the ridge north of the wastewater treatment plant site, in the wastewater lagoon, along the culvert where the maple trees are dying, and along the CSX railroad boundary.

An asbestos survey has already identified the Chirp Building and the buried piping as having asbestos; therefore, we do not see the need of additional asbestos surveys. The asbestos abatement program appears to have removed the friable asbestos that could be abated without destroying the building walls. Asbestos may still be present in the buildings in enclosed areas and may still be present in non-friable form. Therefore, the demolition contractors will have to make provisions to address the remaining asbestos during demolition.

If the City decides to pursue state and federal funding for development of the property, we recommend a Phase I Cultural Resources Investigation. Also, the City may wish to have a wetlands delineation performed to determine the extent of jurisdictional wetlands on-site. The banks of the two small streams on-site would be considered jurisdictional wetlands, and there may be some areas adjacent to the two streams near the eastern potion of the property that may fit the criteria of jurisdictional wetlands.



INTRODUCTION

Purpose and Scope of Services

A Phase I Environmental Site Assessment (ESA) was performed in accordance with American Society of Testing Materials (ASTM) Standard E 1527-05 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process". The assessment was performed for the City of Staunton, Virginia at the Western State Hospital Property on August 6, 2009, by Wiley|Wilson. An ESA is performed on a commercial property site to identify recognized environmental conditions based on a review of historical documentation of environmental conditions and visual site reconnaissance for evidence of a release or threat of release of petroleum products or hazardous materials on or in the vicinity of the property. Recognized environmental conditions are defined by ASTM as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum products into structures on the property or into the ground, groundwater, or surface water on the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

This report is to provide the City of Staunton a Phase I ESA of the Western State Hospital (WSH) property. The property is comprised of approximately 250 acres located in the City of Staunton in the northeast quadrant of the intersection of U.S. 250 and Interstate 81. The property is bordered to the east by Interstate 81, to the south by U.S. Route 250 (Jefferson Highway/Richmond Road), to the west by CSX Railroad and State Route 714 (Frontier Drive), and to the north by Mr. Nutty's property and the City of Staunton Industrial Development Authority property tract. The scope of work for preparing this report and assessment included the following:

- Review of reasonably ascertainable state and federal environmental regulatory records
- Site reconnaissance
- Interviews
- Reviewing and evaluating reasonably ascertainable historical maps and data regarding the property and adjacent properties
- Prepare a Phase I ESA report



INTRODUCTION

Limitation and Exceptions

This report was prepared solely for the use of the City of Staunton, their lenders, assigns, and/or successors in accordance with the agreed upon scope of services. The conclusions provided in this report are based only on the information contained in this document. Additional information regarding this site or adjacent properties that was not available at the time this assessment was prepared, could modify the conclusions stated in this report. This report has been prepared in accordance with the ASTM Standard E 1527-05; no other warranty, expressed or implied, is made as to the professional advice provided under the terms of the agreement between the City of Staunton and Wiley|Wilson, as discussed below.

Wiley|Wilson was not retained to provide a comprehensive or definitive service. Services provided by Wiley|Wilson were intended to provide a Phase I ESA as an indication whether recognized environmental conditions and/or areas of potential environmental concern exists at the property or on closely adjacent properties that may affect the subject property. In addition, this Phase I ESA is only valid up to one hundred eighty (180) days after the site inspection date of August 6, 2009. No estimates, plans or specifications, soil or groundwater testing, asbestos inspection and testing, lead-based paint inspection, geotechnical or remedial recommendations, or work other than described were included under the scope of services.

Special Terms and Conditions

There were no special terms or conditions with this Phase I ESA.

Methodology Used

The Phase I ESA was conducted in accordance with the scope and limitations of ASTM Standard E 1527-05. Wiley|Wilson reviewed reasonably ascertainable state and Federal environmental regulatory records, historical maps, and data regarding the WSH property and adjacent properties. The City of Staunton, the current land owner - Department of Behavioral Health and Developmental Services (DBHDS) (formerly known as Commonwealth of Virginia Department of Mental Health, Mental Retardation & Substance Abuse Services (DMHMRSAS)), and government officials were contacted to obtain additional information regarding the subject property. A site reconnaissance was conducted by Wiley|Wilson on August 6, 2009 to determine if any recognized environmental conditions and/or areas of potential environmental concern were present at the WSH property.



SITE DESCRIPTION

Location and Legal Description

The Western State Hospital (WSH) property consists of approximately 250 acres located in the City of Staunton's corporate limits in the northeast quadrant of the intersection of U.S. 250 and Interstate 81. The property is bordered to the east by Interstate 81, to the south by U.S. Route 250 (Jefferson Highway/Richmond Road), to the west by CSX Railroad and State Route 714 (Frontier Drive), and to the north by Mr. Nutty's property and the City of Staunton Industrial Development Authority property tract. The ownership details of the WSH property are presented below:

Owners Name	Date of Deed	Acreage
Commonwealth of VA WSH	6/30/1945	109
Commonwealth of VA WSH	7/13/1045	48
Commonwealth of VA WSH	5/28/1946	140.9
Commonwealth of VA WSH	8/17/1953	3.74
Commonwealth of VA DeJarnette Center	6/21/1995	-43.21
Commonwealth of VA DOT	9/21/1999	-6.21

A full legal description of the WSH property is provided in Appendix B.

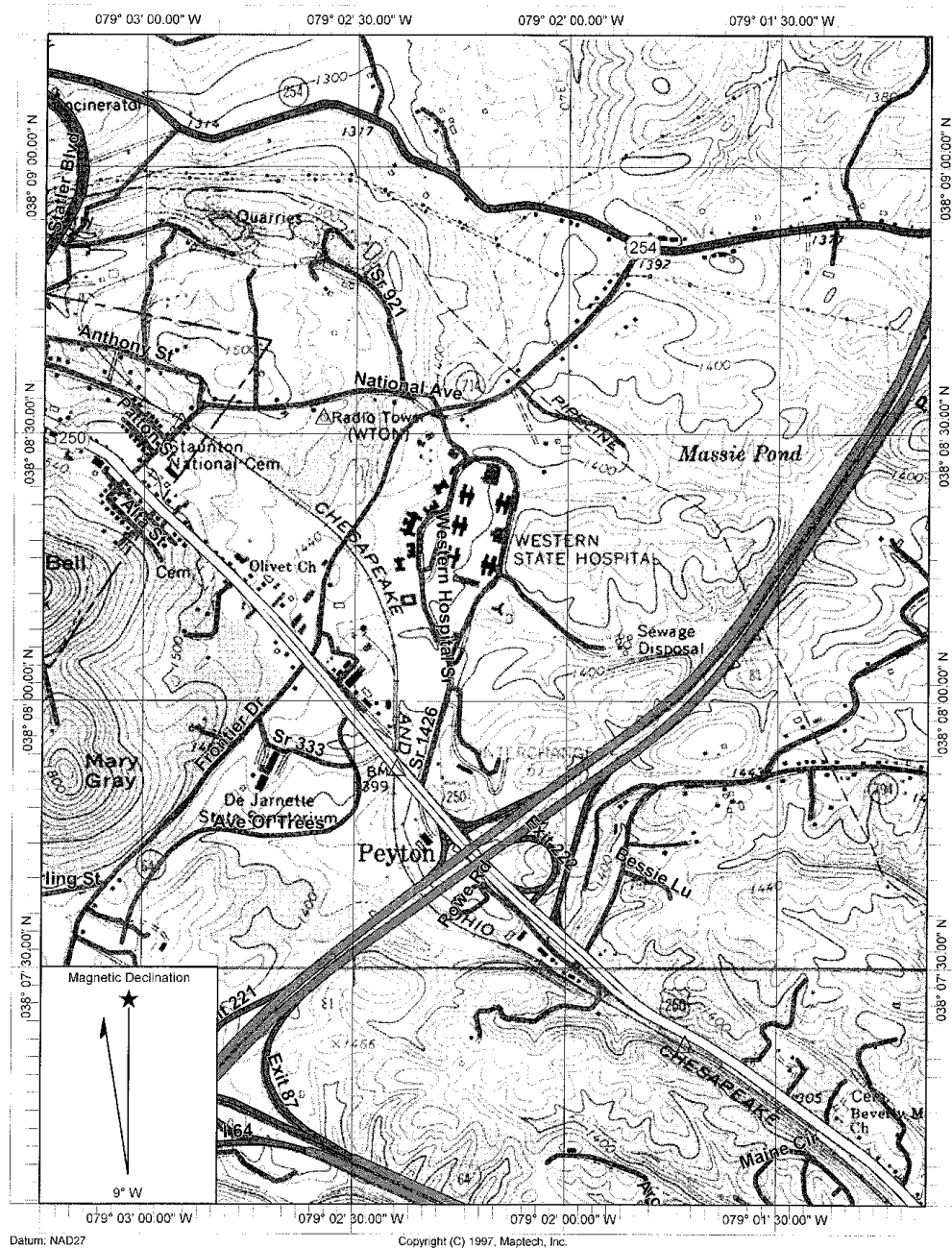
Site and Vicinity General Characteristics

The Western State Hospital (WSH) property consists of approximately 250 acres located in the southeast portion of the City of Staunton's corporate limits. Figure 1 is a USGS topographic map illustrating the changes in elevation of the property and surrounding properties that could influence the WSH site that is the subject of this Phase I ESA. The Phase I ESA site legal description is 1301 Richmond Ave, Augusta County Deed Book 397, page 374, Lots (56-88, 54, 90). The property generally slopes from a high point on the north-west corner towards the east and southeast border of the property (Interstate I-81). The western half of the property contains the majority of the 22 structures that is WSH while the eastern half of the property is generally planted pine forest and contains the wastewater treatment plant site and wastewater emergency overflow lagoon. The southeastern corner of the property contains the Commonwealth Center for Children and Adolescents a total of 31 acres that is not part of this Phase I ESA.



SITE DESCRIPTION

Figure 1 - USGS Topograph of Western State Hospital



The properties that are adjacent to the WSH site's northern border slope and drain towards the east and away from the WSH property. Stormwater will flow either into Massie Pond or the pond's outfall channel and discharge towards I-81. North of the northwest corner of the property line where National Avenue and North Frontier Drive intersect is a quarry. Both stormwater and groundwater on the quarry property will flow away from the WSH property.



SITE DESCRIPTION

The Eastern property line is bordered by Interstate 81 and the WSH property site drains toward the east away from the property line. The chance of a tractor trailer tanker spill is always possible on an interstate as heavily used by truck traffic as I-81, but to-date there are no reported tanker spills located along the eastern property line.

The Southern property border is I-81 and U.S. Route 250 (Jefferson Highway/Richmond Road). The WSH property drains to the south away from the property so environmental impacts to the site would only be from vehicle accidents or tanker spills similar to I-81. To date there are no recorded spills along this location.

The western property line is National Avenue and North Frontier Drive to the north and CSX Railroad to the west. The property identified as 1205B Richmond Ave, which is west of CSX railroad, is owned by Augusta County Co-op Farm Bureau, Inc. This property has the potential to environmentally impact the WSH property. The Co-op contains fertilizers and insecticides used in farming throughout the county and are stored in bulk on the site. If this property has a spill from their bulk storage of fertilizer or insecticide these products could mix with the stormwater and drain into an onsite stormwater detention pond that discharges into a culvert. That culvert flows from the Co-op property under the CSX railroad into a concrete culvert that daylight south of Building 127, the Administration Services Building, on the subject property. The culvert then converts into a natural drainage ditch that flows towards the east and the wastewater treatment plant site before it proceeds to a culvert under I-81. Site observations show some stress of trees along the path of the concrete culvert where the trees have died or are dying. This may indicate environmental stress of the trees by outside influences or natural decay and diseases of the trees. Further investigation would be required to identify the effecting factors to the dying trees.

Review of historic aerial photographs show that the WSH property under review was mainly meadow land with limited trees. The larger trees on the property today have been planted and the forest areas are planted pine trees for harvesting activities and can be illustrated in the historical aerial photographs by the planted rows of the trees. The tree line along the western property line, CSX railroad, was planted as a visual barrier/buffer from the CSX railroad. Prior to 1945 the property was meadow land and was mainly used for agriculture.



SITE DESCRIPTION

Current Use of the Property

The Western State Hospital (WSH) property consists of approximately 250 acres located in the southeast portion of the City of Staunton's corporate limits. Fifty percent of the property, the western half, is used for the Western State Hospital Campus with approximately 22 buildings located within or along the perimeter access road. The eastern half of the property is forested with planted pine trees. The former wastewater treatment plant for WSH is also located in this half of the property site, though the only wastewater operations currently in use at the WWTP site are solids removal and wastewater pumping. The WSH Campus consists of 10 hospital/dormitory style buildings, three administration buildings, a physical plant and services/materials management building, a medical building, a kitchen/dining hall, a laundry, a gym/recreation therapy building, and a power plant. The property is currently zoned by the City of Staunton as B2, General Business District.

The property also contains its own wastewater pumping facility and emergency overflow lagoon. The wastewater is pumped from the WSH Property to Augusta County Service Authority sanitary sewer system for collection and final treatment.

Descriptions of Structures, Roads, and Other Improvements on the Site

The Western State Hospital has approximately 20 structures located on the 250-acre site. The WSH Campus site map and building index is shown in Figure 2. The WSH campus is operated by the Virginia Department of Behavioral Health and Developmental Services (DBHDS). The facility began construction on this property site starting in the late 1940's and the WSH was opened to accepting residents in 1950. The structures were further expanded in the 1960's. A summary of the structure numbers, building name, date of construction, usage, construction type, and gross square feet are included below in Figure 2 - Site Facility Profile Summary. Due to the age of the buildings, the buildings on site have been reviewed for asbestos by an outside agency and asbestos abatement program was established and ongoing. Therefore, this Phase I ESA was not tasked to identify asbestos or lead based paint on or in the structures or equipment. Nine of the 22 buildings were constructed in the 1950's, 8 buildings were constructed in the 1960's, 4 buildings in the 1970's, and the newest building (Physical Plant Services/Materials Management Building No. 126) on site was constructed in 1983. Eight of the 22 structures are currently vacant with the remaining 14 buildings in varying levels of occupancy. The population of staff and residence has greatly reduced from a high of 3,000 people to less than 1,350 persons by the late 1970's. Through alternative treatment programs the number of staff and residents has continued to reduce. This is clear by the number of



SITE DESCRIPTION

vacant facilities and the need for a new facility/campus located at a different site north of this property.

Figure 2 – Site Facility Profile Summary

BG #	WARDS	CONSTRUCTION DATE	CONSTRUCTION TYPE	GROSS SQ.FT.	BUILDING CONDITION
100	ATTENDANT'S	1950	CINDER BLOCK/BRICK	30,386	POOR
101	B-3-4	1952	MASONRY/BRICK	38,597	FAIR
102	A-3-4	1952	CINDER BLOCK/BRICK	38,591	FAIR
103	A-1-2 B-1-2	1952	CINDER BLOCK/BRICK	74,112	GOOD
104	DISPOSAL PLANT	1952	CINDER BLOCK/BRICK	903	GOOD
107	A-5-6	1955	CINDER BLOCK/BRICK	26,435	GOOD
109	GREENHOUSE	1952	METAL	2,176	GOOD
112	D UNIT	1959	CINDER BLOCK/BRICK	43,299	GOOD
113	E UNIT	1959	CINDER BLOCK/BRICK	41,644	POOR
114	POWER PLANT	1960	CINDER BLOCK/BRICK	4,301	GOOD
115	B-5-6	1960	CINDER BLOCK/BRICK	17,884	GOOD
116	G UNIT	1960	CINDER BLOCK/BRICK	41,644	POOR
117	I UNIT	1960	CINDER BLOCK/BRICK	44,044	POOR
118	C UNIT	1963	CINDER BLOCK/BRICK	44,044	GOOD
119	FOOD SERVICE	1964	CINDER BLOCK/BRICK	32,414	GOOD
121	RECREATIONAL THERAPY	1967	CINDER BLOCK/BRICK	57,146	GOOD
122	MEDICAL SURGICAL	1969	CINDER BLOCK/BRICK	53,688	GOOD
123	EDUCATION AND STAFF DEVELOPMENT	1972	CINDER BLOCK/BRICK	18,004	GOOD
124	ADMINISTRATION	1973	CINDER BLOCK/BRICK	16,635	FAIR
125	LAUNDRY LINEN SERVICES	1972	BRICK/METAL	11,106	GOOD
126	PHYSICAL PLANT SERVICES/MATERIELS MANAGEMENT	1983	CINDER BLOCK/BRICK	49,155	GOOD
127	ADMINISTRATIVE SERVICES	1975	CINDER BLOCK/BRICK	46,405	GOOD

All access roads are all weather surfaces (asphalt) with some secondary roads surfaced in gravel aggregate. All hospital buildings are equipped with back-up generators and fuel storage tanks for generator operation should primary power fail. All primary electrical power service on the property is buried. Natural gas is supplied to the site by buried pipeline for use in the power plant and steam generators located in Building 114. The site is supplied with potable water by the City of Staunton.

The remaining half of the property site is more steeply sloped and is planted with pine trees for future harvesting; please refer to Figure 1 USGS mapping to see the varying elevations of the eastern half of the property under ESA review.



SITE DESCRIPTION

Current Use of Adjoining Properties

The Western State Hospital property is adjoined by the following properties identified in the table below showing current uses and location to WSH.

Adjoining Property Usage

North	Single family residence and future industrial development park
East	Interstate I-81
South	Interstate I-81, U.S. Route 250, Waffle House Restaurant, Commercial Business
West	Frontier Dr., CSX Railroad, Lime Plant and Quarry, Undeveloped Medical Property, Augusta Coop Farm Supply, General Commercial, and Shopping Center

Based on the site reconnaissance, use of the adjoining property, and a review of the topography a limited number of the properties have the potential to compromise the environmental integrity of the subject property under ESA review. The Augusta Coop Farm Supply stores fertilizers and insecticides in bulk on their property. Should a potential spill or mixing with stormwater occur, the runoff will drain to an on-site detention pond located on the northeast corner or the adjoining property. Site reconnaissance has identified tree stress and tree death along the drainage way away from the detention pond. The outfall drains into a concrete culvert that goes underneath the CSX Railroad property and enters the WSH Property. The trees located along the perimeter access road on the WSH property that the culvert passes under are dead or dying, see photograph below. Further investigation will be required to the extent and source of the stress to the vegetation.





CITY PROVIDED INFORMATION REGARDING PROPERTY

Title Records

The Western State Hospital (WSH) property and the adjoining properties information records were obtained from the City of Staunton's Geographical Information System (GIS) website <http://gis1.ci.staunton.va.us>. The property information is located in Appendix B – Property Information. Refer to Appendix B for complete details and descriptions of the property and the adjoining properties.

The table below was compiled to provide a description of the deed information regarding the project site under Phase I ESA review. From this information approximately 250 acres of the property were reviewed under the ASTM E 1527-05 Standards.

Deed Information on Phase I ESA Site

GRANTOR	GRANTEE	DATE DEED	ACREAGE
JOSEPH & EFFIE DRIVER DUDLEY	COMMONWEALTH OF VIRGINIA: WESTERN STATE HOSPITAL	6/30/1945	109
VIRGIL S GORE, ET AL	COMMONWEALTH OF VIRGINIA: WESTERN STATE HOSPITAL	7/13/1945	48
VIRGIL S GORE, ET AL	COMMONWEALTH OF VIRGINIA: WESTERN STATE HOSPITAL	5/28/1946	140.9
LEONARD WALLS	COMMONWEALTH OF VIRGINIA, DEPARTMENT OF MENTAL HYGIENE AND HOSPITALS, WESTERN STATE HOSPITAL	8/17/1953	3.74
WSH NEW SITE ACREAGE			301.64
ORIGINAL CEMETERY			0.95
OLD SITE CEMETERY			6.62
TOTAL			309.21
WSH NEW SITE ACREAGE	Per Timberlake, Smith, Thomas & Moses, P.C. research	10/1/1997	299.13
Inter-agency land transfer National Ave WSH	Department of Transportation	9/2/1999	6.22
Inter-agency land transfer DeJarnette center WSH	Commonwealth of Virginia DeJarnette Center	6/21/1995	43.21
WSH NEW SITE ONLY REMAINING ACREAGE		2/3/2008	249.70

There was no evidence of either of the cemeteries listed in the above table on the subject property. The 6.62-acre cemetery is located on the former site of the Western State Hospital at the intersection of Richmond Avenue and Greenville Avenue. The 0.95-acre cemetery is located beside the existing fire department on Richmond Avenue (U.S. 250).



RECORDS REVIEW

Standard Environmental Record Sources

The Western State Hospital (WSH) property had a computer regulatory database search performed by Environmental Data Resources, Inc. (EDR) to identify current and/or past uses of the WSH property and adjoining properties that may have had a release, or present the material threat of a release, of petroleum products and/or hazardous materials, that has or could have impacted the WSH property. The ASTM E 527-05 standard search radii were utilized as described in the table below.

Database	Search Radius	EDR Access Data
Federal NPL (National Priority List)	1.0 Mile	08/06/2009
Federal CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System)	0.5 mile	08/06/2009
Federal CERCLIS-NFRAP (No Further Remedial Action Planned)	0.5 mile	08/06/2009
Federal CORRACTS (Corrective Action Report)	1.0 Mile	08/06/2009
Federal RCRIS-TSD (Resource Conservation and Recovery Information System-Treatment, Storage and Disposal)	0.5 mile	08/06/2009
Federal RCRIS Large/Small Quantity Generators	0.25 mile	08/06/2009
Federal ERNS (Emergency Response Notification System)	WSH Property	08/06/2009
HMRIS (Hazardous Materials Information Reporting System)	WSH Property	08/06/2009
U.S. Engineering Controls (ECs)	0.5 mile	08/06/2009
U.S. Institutional Controls (ICs)	0.5 mile	08/06/2009
U.S. Brownfields	0.5 mile	08/06/2009
SWF/LF (Solid Waste Management Facilities/Landfill Sites)	0.5 mile	08/06/2009
LUST (Registered Leaking Underground Storage Tanks)	0.5 mile	08/06/2009
LTANKS (Leaking Tanks)	0.5 mile	08/06/2009
UST (Registered Underground Storage Tanks)	0.25 mile	08/06/2009
AST (Registered Petroleum Storage Tanks)	0.25 mile	08/06/2009



RECORDS REVIEW

According to the EDR Radius Map with GeoCheck, the WSH property was not listed in any of the databases searched by EDR. The surrounding properties adjoining the WSH property were identified as containing LUST, LTANKS and UST according to the EDR database search. The current property owner provided data on the standby power generator sets located at multiple buildings on the WSH campus and the UST and AST tanks and fuel pumping system located on the property. The on-site structures were identified as containing asbestos in a previous study. An asbestos abatement program was developed to contain and remove the asbestos from each of the WSH buildings. A copy of the program and results has been included in this report for information. A copy of the EDR report is located in Appendix D – EDR Radius Map with GeoChecks.

Additional Environmental Record Sources

The WSH property owner provided record information regarding fuel storage tanks for the standby generators and gasoline storage and pumping site on the campus. Underground fuel storage tanks have been identified on site and associated with the structures or equipment for which they provide fuel. Identified suspect LUST have been evaluated and removed and site evaluated by the Commonwealth as closed. Copies of the UST Replacement, Removal and Closures are included in Appendix E – Historical Research Documentation. Below are photographs of the gasoline and diesel USTs and vehicle filling station located on the property behind Building 126.





RECORDS REVIEW

The photograph below is a typical aboveground fuel storage tank for a standby generator located behind most of the buildings on the WSH campus. The second photograph is a site where an UST was removed (area under the grass) and replaced with an AST seen on the upper left of the photo in red. Chemical drum storage on site was located in the Power Plant Building 114 and the Physical Plant Services/Materials Management/Transportation Building 126. Further description and information is located in Section 6 Site Reconnaissance.



Physical Setting Sources

The Western State Hospital (WSH) property is located in the City of Staunton, Virginia. The property is located in the Shenandoah Valley of Virginia where the soils are comprised of many different kinds formed from materials weathered from shale, limestone, and sandstone. The Soil Survey of Augusta County, Virginia by the United States Department of Agriculture has identified six different soil classifications for the property. The WSH campus area is identified as 88 Urban Land. Urban Land is described as soils that were mixed with fill materials during grading and construction of roads, parking lots, and structures. The remaining soil classifications in order of area are Edom, Frederick-Christian, Sequoia-Berks, and Weikert-Berks. Edom is the predominate soil at the property and is described as a fine, deep, well drained, silt loam formed from calcareous shale or shaly limestone. These soils are chiefly well drained with a moderate



RECORDS REVIEW

infiltration rate when wet. Due to site slopes, 2 to 15 percent, other than the area of the WSH campus surface water will drain quickly.

The local geology for the property has the rock strata from the Paleozoic Era, with the system classified as Ordovician. The general rock strata are comprised of limestone, sandstone, siltstone, and calcareous shale.

Review of the USGS Map shown previously as Figure One, the property drains primarily from west to east until the drainage intersects Interstate I-81. The surface drainage then flows northeast parallel to the south bound lanes of I-81. Due to the surficial drainage patterns of the site and surrounding area, groundwater flow would be expected to be controlled by topographic gradients flowing primarily to the east and northeast of the property.

Review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) #51015C0343D, dated September 28, 2007, for the City of Staunton, Virginia did not identify any 100-year flood plain on the subject property. A copy of the FIRMette is included in Appendix E – Historical Research Documentation.

Historical Use Information on the Property

The Western State Hospital property was purchased between June 30, 1945 and May 28, 1946 and construction of the WSH campus began shortly after the land purchase. The first structure, Building 100 was completed in 1950. Prior to the purchase of the property by the Commonwealth, the property was owned by Joseph & Effie Driver Dudley and Virgil S. Gore, ET AL. The property was used for agriculture with CSX Railroad and U.S. Route 250 to the west and south. Interstate I-81 was constructed sometime between 1964 and 1968, when the property was purchased by the Commonwealth. Available aerial photographs from the Soil Survey of Augusta County, dated 1966, and from the Virginia Department of Transportation, dated 1970, show the property generally void of forest on the eastern half of the property. The pine trees were planted at a later date. Most of the structures on the WSH campus today were shown in the 1966 and 1970 aerial photographs.

A search for a Certified Sanborn Fire Insurance Map was conducted through EDR. EDR reported that no Sanborn Fire Insurance Map was available for the WSH property or vicinity. A copy for the "No Coverage" statement from EDR is provided in Appendix E.



RECORDS REVIEW

Historical topographic maps of the subject property were obtained through EDR using MapTech Terrain Navigator Pro for the years 1894, 1947, 1949, 1964, 1968, 1978, 1986, and 1998. The following describes what was depicted by the historic topographic maps. From 1894 to 1949 the site was rural with single family residences located on the property. The 1964 to 1998 topographic maps indicate the WSH campus and associated roads, structures and additional buildings found on the site today. Based on a review of historical topographic maps, the CSX Railroad tracks and the Augusta Co-op Farm supply facility represent potential environmental conditions for the WSH property.

Leaking UST and asbestos abatement programs on the site authorized by the Commonwealth are the only known previously prepared environmental or geotechnical engineering reports that were prepared for the WSH property.

The WSH property usage was reflected by the historical research documentation back to 1894. Based on the reviewed historical documents, this was developed for agriculture and single residence use until the property was sold in 1945. The CSX Railroad easement located along the western property line presents a recognized environmental condition for the WSH property, based on the operational nature of railroads.

Historical Use Information on the Adjoining Properties

The Western State Hospital property EDR Report located thirty-eight (38) orphan sites listed on various environmental databases. Orphan sites are facilities with incomplete or inadequate address information to map correctly. Each of the facilities listed by the EDR orphan summary report was examined to identify its location relative to the WSH property. Although the orphan sites were identified as being located in the City of Staunton, Virginia a general review of their location identified all were located outside of the EDR search radii for their respective database listing. Therefore, based on distance, the orphan sites are not suspected of presenting a potential environmental risk for the subject property, see Appendix D – EDR Radius Map with GeoChecks for the report and orphan sites summary.



SITE RECONNAISSANCE

On August 6, 2009, Wiley|Wilson performed on-site reconnaissance of the Western State Hospital property located to the northwest of the intersection of Interstate 81 and U.S. 250. The portion of the property located near the existing buildings was examined by walking and driving around the existing buildings. Portions of the property located away from the buildings was examined by driving along existing facility roads, both paved and graveled, to examine sites of interest identified by the current user and by review of existing mapping of the property. These areas included the wastewater treatment plant site and a ravine that appears to be filled over recent years. We also drove around the perimeter of the facility to examine the surrounding land uses and to see if there was any evidence of surrounding activities that may impact the subject property. The purpose of the site reconnaissance was to investigate the site for any potential environmental hazards or areas of potential environmental concerns. Photographs taken during the site reconnaissance are included in Appendix C.

Methodology and Limiting Conditions

The Western State Hospital (WSH) property is a rather large facility and it is quite difficult to walk the entirety of the property in one day. Therefore, the site reconnaissance focused on areas that were most subject to human activity over the last 60 years (the approximate length of time the site has been owned and occupied by the Western State Hospital). These areas include the areas around the main campus buildings, especially the Physical Plant Services/Materials Management Building (Building 126), Laundry Linen Services (Building 125), and the Power Plant (Building 114) because of the likelihood of hazardous material and petroleum products being used in these three buildings. Other than these three buildings, we examined the buildings using standby generators because of the petroleum required for the generators. We then focused on the wastewater treatment plant site and the debris disposal areas located to the north of the wastewater treatment plant site. Lastly, we focused on the surrounding properties that could potentially impact the subject property with hazardous materials and petroleum products.

General Site Settings

The Western State Hospital property is located in the eastern part of the City of Staunton, Virginia in an area of rolling topography to the west of Interstate 81. The site is relatively open, especially in and around the campus. The main campus is comprised of 22 buildings that range in age from approximately 60 years old to approximately 25 years old. Most of the buildings are of reinforced concrete construction with cinder block walls and brick exteriors. The oldest building on-site, the Chert Building (Building 100), is a reinforced concrete building with brick exterior located near U.S. 250. The campus is mainly



SITE RECONNAISSANCE

maintained lawns near the buildings and access roads transitioning to grassed areas that are mowed for hay. The wooded areas on the property are located between the main campus and Interstate 81 and are primarily planted pines that are routinely harvested. Some of the wooded areas on the steeper terrain are hardwood forest. From review of available aerial mapping, most of the area between the campus and Interstate 81 was grassland rather than forest.

The higher terrain on the subject property is located along Frontier Drive (approximately 1,460 feet above mean sea level (amsl)), the ridge to the north of the wastewater treatment plant site (approximately 1,460 feet amsl), and the ridge to the south of the wastewater treatment plant site (approximately 1,480 feet amsl). The lower terrain on site is at the points where the small on-site streams exit the property at Interstate 81 (approximately 1,330 feet amsl). The site is traversed by two drainage features. One is a small perennial stream that starts to the west of the subject property and is piped through the campus to a point to the southwest of the Administrative Services Building (Building 127). The stream is then open channel flowing to the east and north to Interstate 81. The other drainage feature appears to be an ephemeral or intermittent stream that begins near Building 116 and drains to Massie Pond (off-site) to the east. Off-site, the terrain to the west of the site is higher near the two hills called Mary Gray and Betsey Bell. The terrain to the east of the site across Interstate 81 is approximately the same elevation, though the drainage features continue in a easterly direction towards Christians Creek.

Exterior Observations

The Western State Hospital appears to be well maintained. The campus site is mowed on a frequent basis and there appear to be no overgrown areas in or near any of the buildings. The mowed areas away from the campus appear to be in good condition though the grass is not mowed as close as the lawns near the campus buildings. The forested areas appear to be relatively clean with only some scrap storage areas and the debris disposal area on the ridge to the north of the wastewater treatment plant site.

- Campus Area

At the campus area, there are two underground storage tanks located at the Physical Plant Services/Materials Management Building. One is a 10,000 gallon underground storage tank for gasoline and the other is a 5,000 gallon underground storage tank for diesel. Both tanks are used for fueling the vehicles used on the Western State Hospital Property. The fuel pumps and the buried fuel tank can be seen below in the photographs. The fueling area appears to be well maintained and evidence of petroleum spills was not



SITE RECONNAISSANCE

apparent during the site reconnaissance. It should be noted though, that a storm drain inlet is located very close to the fueling station.

The vehicle maintenance bays appear to be well maintained with good housekeeping practices being observed. The floor slabs appear to be clean with no evidence of spills. The waste fluid containers are stored on top of secondary containment bins in the services bays. The waste fluid containers appear to all be labeled.

Outside of the service bays, the waste fluid containers are stored to the southwest of the maintenance shop, adjacent to the building. Some evidence of waste oil was present on the asphalt in this area, but the area was not very large.

There are two 20,000 gallon aboveground fuel oil storage tanks located outside of the Power Plant. The Power Plant is a dual fuel power plant that can use either natural gas or fuel oil. The fuel oil is supplied by the two aboveground storage tanks and the natural gas is supplied by underground piping that comes into the Western State Hospital near the normally closed Frontier Drive entrance. There was no evidence of fuel oil spills at or near the above ground storage tanks. It should be noted that there is a storm drain inlet located right at the quick connect drain of the tanks.

Between the Physical Plant Services/Materials Management Building and the Laundry Building, brown dying vegetation was observed near the perimeter of the parking lot and a set of exterior steps. An inquiry into the condition revealed that the staff has been using Round Up® to control grass and weeds rather than weed trimmers.

The exteriors of the Physical Plant Services/Materials Management Building, the Power Plant, and the Laundry all appear to be in good repair other than the small oily film at the waste fluid storage area outside of the Physical Plant Services/Materials Management Building.

Aboveground fuel oil storage tanks (275 gallons each) were located outside of buildings 115, 101, 103, 102, 107, 112, 122, and 127. A physical examination of these aboveground storage tanks did not reveal any evidence of spills. Interviews with Western State Hospital staff revealed that the aboveground storage tanks are refilled approximately every two to three years because the standby generators are not used very often, though they are test started once a month.



SITE RECONNAISSANCE

At one time, there was an underground fuel oil storage tank located outside of building 127 near the location of the existing aboveground storage tank, but the tank has been removed. There was no evidence of petroleum on the ground surface where the underground storage tank was reported to have been located.

Other than the aboveground storage tanks located outside of the buildings, there did not appear to be any signs of hazardous waste or petroleum spills on the campus other than the dying maple trees on either side of the culvert that crosses under the entrance road between buildings 123 and 124. The staff of Western State Hospital reported that the trees started dying approximately 4 years ago. The grass above the culvert does not appear to be stressed. It should be noted that the Augusta Farm Cooperative Bureau, Inc. is located upstream of the culvert. Below the end of the culvert, the vegetation along the stream banks did not appear to be stressed.

Away from the campus, the only areas of concern appear to be at the wastewater treatment plant site, the ridge to the north of the wastewater treatment plant, and the state police refueling station located near U.S. 250.

- Wastewater Treatment Plant Site

According to information given to the City of Staunton by the Western State Hospital, the wastewater treatment plant was constructed in 1950, when the first building was constructed. The wastewater treatment plant consisted of one digester, one trickling filter, and two drying beds with the necessary pumps and other auxiliary equipment. As the hospital was enlarged, the wastewater treatment plant was expanded to include two digesters, one high-rate trickling filter, and four drying beds with the necessary pumps and auxiliary equipment. In 1975, the Department of Behavioral Health and Developmental Services (DBHDS) participated with the Augusta County Service Authority in the construction of a regional sewage treatment facility. At that time the hospital's wastewater Treatment Plant was converted to a wastewater pumping station and the hospital's wastewater was pumped to the Augusta County Service Authority wastewater collection system along Route 250.

The current wastewater pumping station consists of two pumps each with a 418 gallon per minute capacity which pumps the sewage through 300 feet of 8-inch force main to a surge box. The sewage then flows by gravity through



SITE RECONNAISSANCE

2,800 feet of 12-inch concrete pipe to the property line where this pipe is connected to the Augusta County Service Authority main sewer.

Around 1970, the hospital constructed a lagoon for emergency situations such as power outages, pump and or motor failures, and problems with the outfall line from the wastewater treatment plant pumping station. The lagoon is situated east of the pumping station and can hold approximately seven to ten day's accumulation of hospital sewage. This allows time for necessary repairs and provides the hospital with the option, once repairs are affected, of pumping the raw sewage from the lagoon back into the sewage system for delivery to the Augusta County Service Authority through the usual means.

While the wastewater treatment plant was in operation, the facility employed fully certified operators, and the system operated within the required standards and complied with applicable codes. The affluent was discharged through the current outfall line; however, instead of connecting to the Augusta County Service Authority sewer main, the pipe ran parallel to Route 250 for approximately two miles east of the hospital and discharged into Christians Creek.

The primary area of concern at the wastewater treatment plant site is the overflow lagoon to the east of the wastewater treatment facilities. Western State Hospital staff report that this lagoon has been used only once over the last 17 years. The danger with the lagoon is that any wastewater overflows to the lagoon could contain metals or hazardous waste. However, it should be noted that the wastewater treatment plant served only a state hospital, not an industrial customer; therefore, the presence of large quantities of hazardous wastes or metals is not anticipated.

Other than the lagoon, the wastewater treatment plant site appears to be well kept. It should be mentioned that the wastewater treatment plant currently consists only of a Muffin Monster® comminutor and Auger Monster® that grinds up the large solids so that the wastewater can be pumped to the Augusta County Service Authority wastewater collection system to the east of the subject property. The wastewater solids from the Auger Monster® are collected in plastic garbage bags and disposed of at the solid waste compactor located at the wastewater treatment plant site. There were no wastewater solids on the ground near the Auger Monster® or near the solid waste compactor.



SITE RECONNAISSANCE

The solid waste compactor appears to be well kept and there did not appear to be any evidence of hazardous material or petroleum products at or near the solid waste compactor.

The northern part of the wastewater treatment plant site is used as a storage area for farm implements, scrap metal, wood, recreational equipment, and other apparently non-hazardous material. There were no areas of stressed vegetation or petroleum spills in this area.

In the eastern portion of the wastewater treatment plant site is a storage building where seed, fertilizer, lime, salt for deicing, and landscaping equipment is stored. This building appears to be maintained well, though the deicing salt is attacking the metal siding on the western end of the building. Behind the building was a vault containing 10 five gallon buckets of what was determined to be leftover paint.

A 55-gallon drum of what was determined to be treatment for water to be used in the boilers was located in the wastewater pump station. The drum was solid and did not appear to be leaking.

- Ridge North of Wastewater Treatment Plant Site

To the north of the wastewater treatment plant is an area used for the storage of extra dumpsters and laundry bins. This area did not exhibit any characteristics of hazardous waste or petroleum contamination.

North of this area, along the gravel road that runs along the ridge north of the wastewater treatment plant, are areas of scattered scrap metal and scrap wood. The material appears to have been placed on the ground to the north of the road before the pines were planted. There was no evidence of stressed vegetation near any of the scrap metal or scrap wood areas.

North of this area is an area that appears to be a ravine that is being filled with a mix of soil, gravel, rock, concrete, masonry, and wood debris. During the site reconnaissance nothing other than the above materials was evident in the fill slope. Based on available aerial mapping and topographic mapping, it appears as though the fill in this area began sometime between 1991 and 1996. Based on this time frame, the probability of hazardous material being in the fill area is low. This does not mean that there is nothing buried in the fill that should not be there, it just means that the likelihood is low. Because of the uncertainty, Phase II testing of the area (test pits) is recommended.



SITE RECONNAISSANCE

Interior Observations

Because of the age of most of the buildings on the Western State Hospital site, it is highly likely that asbestos and lead based paint was used in the construction of the buildings. No testing for either material was conducted as part of this Phase I ESA. The staff of Western State Hospital was able to provide documentation of asbestos abatement for most of the buildings. This documentation revealed the following:

- Asbestos

For each of the buildings, Department of Behavioral Health and Developmental Services (DBHDS) entered into a "Form of Agreement" with Abeteco Services, Inc. This work was to remove and dispose of asbestos-containing acoustical ceiling finish and vinyl asbestos tile along with associated mastic throughout Building 113, dated April 23, 2001; throughout Building 116, dated June 16, 2001; and throughout Building 117, dated June 16, 2001.

Additionally, a document titled "Asbestos Abatement – Various Buildings" had the following Data:

Description = Form of Agreement - Remove and dispose of asbestos-containing pipe insulation in Buildings 101, 102, and 103 pipe chases, dated February 12, 2002.

Description = Asbestos waste manifest for ongoing WSH in Building 113, dated September 10, 2001.

Description = Work order to clean out Building 116, dated July 2, 2001.

Description = Work order to clean out Building 113, dated June 28, 2001.

Description = Asbestos waste manifest for ongoing WSH in Buildings 113 and 116, dated June 10, 2002.

Description = Asbestos waste manifest for Building 117, dated June 13, 2002.

Description = Asbestos waste manifest for Building 117, dated May 30, 2002.



SITE RECONNAISSANCE

Description = Asbestos waste manifest for Building 117, dated April 25, 2002.

Description = Asbestos waste manifest for Building 117, dated April 3, 2002.

Description = Asbestos waste manifest for Building 127, dated March 19, 2002.

Based on these reports and through follow-up interviews with Western State Hospital staff, it appears that nearly all of the accessible asbestos in the Western State Hospital buildings has been abated with the exception of the Chirp Building (Building 100) and a direct-buried steam line located between Buildings 122 and 127. If an area was enclosed, such as in pipe chases, destructive methods were not used to access the asbestos. There is also some asbestos containing floor mastic in Building 122. Also, non-friable asbestos contained in slate caulk is still present.

It must be stressed, however, that Wiley|Wilson performed no testing for the presence of asbestos during this Phase I ESA. We have based this opinion on documentation and interviews provided by Western State Hospital personnel. The asbestos reports provided by Western State Hospital are included with this Phase I ESA in Appendix E.

- **Lead-Based Paint**

A lead based paint evaluation of the buildings has not been performed but, based on the age of the buildings, they are likely to contain lead based paint. Lead based paint is hazardous when it is possible to ingest the paint in concentrated form. This can happen when paint dust is created while removing the lead based paint with abrasives. During demolition the lead based paint would normally remain attached to the substrate and would not become particulate. The EPA only considers demolition debris to be treated as hazardous if the lead concentration contains more than 5 ppm lead. This normally only occurs when the lead containing materials are segregated from the other construction debris. Therefore, if the lead based paint is not put into the atmosphere by abrasive removal and the lead based paint materials are not segregated from the other construction debris, the material would, most likely, not be considered hazardous.



SITE RECONNAISSANCE

- Medical Waste
Because of the nature of the facility, medical waste is generated on-site. This medical waste is collected in Building 122 and is removed from the Western State Hospital by a contract hauler. There is also an on-site pharmacy located in Building 103, but any medical waste from the pharmacy is also collected in Building 122.
- Interior of Physical Plant Services/Materials Management Services Building
Nearly all of the potentially hazardous materials and petroleum products used inside of the buildings of the Western State Hospital are used or stored in the Physical Plant Services/Materials Management Services Building. This building is where Western State Hospital vehicles are serviced and the grounds maintenance shops, machine shop, paint shop, wood shop, and HVAC shop are located. A review of the interior of these various service bays and shops revealed that they are well maintained and that good housekeeping is being practiced. Photographs of many of the areas are included in Appendix C.
- Interior of Power Plant
Inside the Power Plant (Building 114) are three dual fuel boilers capable of using either fuel oil or natural gas to generate steam for heating the Western State Hospital buildings. According to Western State Hospital personnel, the boilers were all installed in 2000. Two are 300 horsepower and one is 500 horsepower. The interior of the Power Plant appears to be well maintained and good housekeeping is in practice. Chemicals used in the treatment of boiler water are being stored in the Power Plant, but there is no evidence of spillage or staining on the concrete floor. Photographs of the interior of the Power Plant are included in Appendix C.
- Interior of Laundry
The interior of the Laundry (Building 125) appears to be clean and well maintained. Some detergents are used in the laundering process and they are stored inside of the laundry. Photographs of the interior of the Laundry are included in Appendix C.



INTERVIEWS

Interview with Owner

The Western State Hospital (WSH) property is owned and operated by the Commonwealth of Virginia, the Virginia Department of Behavioral Health and Developmental Services (formerly known as the Department of Mental Health, Mental Retardation and Substance Abuse). A meeting was held at the property site and Mr. Jimmie Lough, Director of Maintenance Services and David Mawyer, Chief Financial Officer of WSH were present and provided information with regard to the property site under ESA review. The site visit and interview was held on August 6, 2009. A follow-up interview regarding the disposition of asbestos abatement was conducted via telephone on August 26, 2009 with Mr. Jimmy Smith of the Western State Hospital. A completed ASTM E 1527-05 Questionnaire was completed by WSH and submitted to Wiley|Wilson on August 21, 2009, and can be found in Appendix F – Questionnaires.

Interview with Local Government Officials

The City of Staunton, Virginia is where the WSH property is located. The City of Staunton is working with the Commonwealth of Virginia to obtain the deed of 265 acres of the WSH campus. Mr. Bill Hamilton, Director of Economic Development & Tourism, is responsible for this transaction and was interviewed about this site on August 6, 2009. A completed ASTM E 1527-05 Questionnaire was completed by The City of Staunton and submitted to Wiley|Wilson on August 24, 2009 and can be found in Appendix F – Questionnaires.

Interview with Others

The Virginia department of Environmental Quality (DEQ) was contacted to discuss environmental impact to the WSH property. A USGS map showing the property site was sent to them to cross check their record on any activities or reports, regarding this property or adjacent properties that could affect the transfer of this property from the Commonwealth of Virginia to the City of Staunton, Virginia. DEQ transferred historical documents of environmental occurrences on and adjacent to the Western State Hospital Property to Wiley|Wilson on August 27 and 28, 2009. Review of these documents revealed that all LUSTs incident were abated and the cases closed by DEQ. The DEQ documents also revealed the presence of a waste disposal area on the ridge to the northeast of the wastewater treatment plant site. This area was used for the storage and disposal of petroleum products, paints, solvents, and contaminated soils. By correspondence from the DEQ Valley Regional Office dated July 8, 1994, it appears as though this incident was closed and that no further compliance action is required. Information pertaining to this incident is located in Appendix E.



CONCLUSIONS

Findings

Wiley|Wilson has completed the Phase I Environmental Site Assessment of the existing Western State Hospital property located to the northwest of the intersection of US 250 and Interstate 81 in the City of Staunton, Virginia. The property is approximately 250 acres of rolling land that has been used as the Western State Hospital from 1950 until present. The Virginia Department of Behavioral Health and Developmental Services (formerly known as the Department of Mental Health, Mental Retardation and Substance Abuse) is developing a smaller facility to the north of the existing facility and wishes to transfer ownership of the existing facility to the City Of Staunton, Virginia. The City of Staunton wishes to market the property for mixed use commercial development that could include the following:

- Retail - local and regional.
- Retail – destination.
- Lodging.
- Restaurants.
- Entertainment.
- Office facilities.
- Education facilities.
- Medical facilities.
- Research and development facilities.

Before taking ownership, the City tasked Wiley|Wilson with the performance of a Phase I Environmental Site Assessment (ESA) and a general overview of the suitability of the existing buildings for reuse. The general overview of the existing buildings is presented in a separate letter report.

Wiley|Wilson initiated the Phase I ESA on August 5, 2009 and conducted the on-site interviews and site reconnaissance on August 6, 2009. The environmental records data search was requested on August 6, 2009 and received on August 7, 2009. The time between August 6, 2009 and August 24, 2009 has been used to evaluate the information received from the environmental data records search, information received from the City of Staunton and the Western State Hospital, and search additional data sources.

Overall, the Western State Hospital appears to be well maintained and the housekeeping practices in and around the buildings are very good. The facility has been owned and operated by the Commonwealth of Virginia since approximately 1950 as a state hospital. Before that time, the property appears to have been used for agricultural purposes.



CONCLUSIONS

Based on the site reconnaissance, interviews with the City of Staunton and the staff at Western State Hospital, and review of available environmental records the following items may require additional investigation to determine their level of potential environmental hazard:

- The Fill Area on the Ridge North of the Wastewater Treatment Plant Site

This area is approximately 230 feet wide by about 260 feet long and about 25 to 30 feet deep at the deepest point. On the day of the site reconnaissance, the only material apparent in the fill slope appeared to be woody debris, soil, rock, gravel, asphalt, and concrete. From available aerial and topographic mapping, it appears as though the fill area began sometime between 1990 and 1996. According to Western State Hospital staff, the site has been used for woody debris, soil, concrete, masonry, and asphalt for at least the last 9 to 10 years. This area may or may not be of environmental concern, depending on what is buried in the fill. Based on the time frame during which we estimate that filling began, we do not expect any environmental hazards to be present in the fill, but we will not rule it out. We recommend that the City excavate a few test pits to explore the fill area.

- Ridge North of the Wastewater Treatment Plant Site

Based on historical documents DEQ transferred to Wiley|Wilson on August 27 and 28, 2009, a waste disposal area was located on the ridge to the northeast of the wastewater treatment plant site. This area was used for the storage and disposal of petroleum products, paints, solvents, and contaminated soils. By correspondence from the DEQ Valley Regional Office dated July 8, 1994, it appears as though this incident was closed and that no further compliance action is required. Information pertaining to this incident is located in Appendix E. We recommend that the City conduct soil samples in this area to verify that soil contamination is not present.

- The Wastewater Treatment Plant Lagoon

According to available documentation and interviews with the Western State Hospital personnel, this lagoon was installed around 1970 for emergency situations. According to the Western state Hospital staff the lagoon has only been used once during the last 19 years. During operation of the wastewater treatment plant and pump station the lagoon has served only the Western State Hospital and no other users. Because of this, the wastewater would be mainly domestic, without many of the substances found in a mixed wastewater stream, however we cannot rule out the presence of hazardous materials in the lagoon sediment and liner.



CONCLUSIONS

- The Dead and Dying Maple Trees along the Access Road

According to Western State Hospital personnel, these trees began dying approximately four years ago. Dead and dying trees do not necessarily indicate contamination, but the location of these trees on both sides of a culvert that drains from a railroad and a farm cooperative makes them suspect. There is the possibility that some herbicides used by the railroad could have washed into the culvert and stressed the trees. It is also possible that the runoff from the farm cooperative could have stressed the trees due to an excess of fertilizer, herbicides, or pesticides.

- CSX Railroad

Railroads have historically presented environmental conditions due to their use of creosote cross ties, leaking diesel fuel, herbicides, and increased metals concentrations in the surrounding soils. Based on the historical nature of railroad tracks, the CSX railroad presents an environmental condition for the subject property.

- Asbestos

Asbestos is still present on-site, particularly in the Chirp Building (Building 100) and on a buried steam line located between Buildings 122 and 127. According to Western State Hospital personnel, an asbestos abatement program has been performed on the remainder of the buildings on-site. It appears as though the asbestos containing materials that were removed were the friable asbestos materials. The buildings still have asbestos containing materials, though not friable asbestos. The asbestos reports are included in Appendix E.

Data Gaps

Because the property has been used by the Commonwealth of Virginia as the Western State Hospital since 1950, documentation of the facility is relatively good. The only possible data gaps that exist are the lack of documentation saying that the buildings are asbestos free and the lack of aerial mapping between 1990 and 1996 that shows the exact time the fill area began. Prior to 1950, the land appears to have been used for agricultural purposes.

Opinions and Additional Investigation

Based on a review of reasonably obtainable state and federal environmental regulatory records and standard historical resources, site reconnaissance performed on August 6, 2009, interviews with the owner and user by questionnaire and on-site, and data obtained from the Department of



CONCLUSIONS

Environmental Quality, it is the professional opinion of Wiley|Wilson that environmental conditions exist on the subject property. Based on the presence of the fill area north of the WWTP site, the lagoon at the WWTP site, the dead and dying maple trees along the access road, and the presence of asbestos in the Chirp Building and the buried steam line, we recommend that the City of Staunton perform a Phase II Environmental Site Assessment of the subject property.

Should the City wish to pursue certain state and federal funds to assist with development of the property, a Phase I Cultural Resources Investigation is recommended. This is because certain state and federal funding programs require and evaluation of cultural resources as part of the loan or grant agreement.

Recommendations

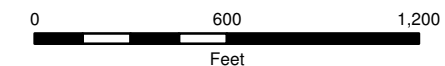
Wiley|Wilson has completed a Phase I Environmental Site Assessment of the existing Western State Hospital located northeast of the intersection of U.S. 250 and Interstate 81 in the City of Staunton, Virginia. Environmental conditions exist for the subject property based on the presence of the fill area, the ridge north of the wastewater treatment plant site, the wastewater lagoon, the stressed vegetation along the entrance round, the presence of asbestos in the Chirp Building and buried steam piping, and the adjacent railroad and farm cooperative. Based on the findings of this Phase I Environmental Site Assessment we recommend that the City of Staunton perform a Phase II Environmental Site Assessment that includes test pits in the fill area, and soils and groundwater sampling in the wastewater lagoon, along the culvert where the maple trees are dying, and along the CSX railroad boundary. An asbestos survey has already identified the Chirp Building and the buried piping as having asbestos, therefore we do not see the need of additional asbestos surveys. If the City decides to pursue state and federal funding for development of the property, we recommend a Phase I Cultural Resources Investigation. Also, the City may wish to have a wetlands delineation performed to determine the extent of jurisdictional wetlands on-site. The banks of the two small streams on-site would be considered jurisdictional wetlands, and there may be some areas adjacent to the two streams near the eastern portion of the property that may fit the criteria of jurisdictional wetlands.



REFERENCES

- ASTM Standard E 1527-05 Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process
- Environmental Data Resources, Inc. – August 6, 2009. The EDR Historical Topographic Map Report. Inquiry Number: 2558458.4
- Environmental Data Resources, Inc. – August 6, 2009. Certified Sanborn Map® Report. Inquiry Number: 2558458.3
- Environmental Data Resources, Inc. – August 6, 2009. The EDR Radius Map™ Report with GeoCheck®. Inquiry Number: 2558458.2s
- FEMA, Flood Insurance Rate Map 51015C0343D, Augusta County, Virginia, Panel 343 of 670, September 28, 2007
- City of Staunton, Virginia GIS Mapping: <http://gis1.ci.staunton.va.us>.
- U.S. Fish and Wildlife Service, National Wetlands Inventory Map: Augusta County, Virginia
- U.S. Department of Agriculture Soil Conservation Service, Soil Survey of Augusta County, Virginia
- Freedom of Information Act, Virginia Department of Environmental Quality, Inquiry regarding LUST, Petroleum and Hazardous Products Spills, and Hazardous and Solid Waste Records for the Western State Hospital Property and surrounding area, Records received from DEQ August 27-28, 2009.

Appendix A



WESTERN STATE HOSPITAL PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

SITE PLAN
Page 1

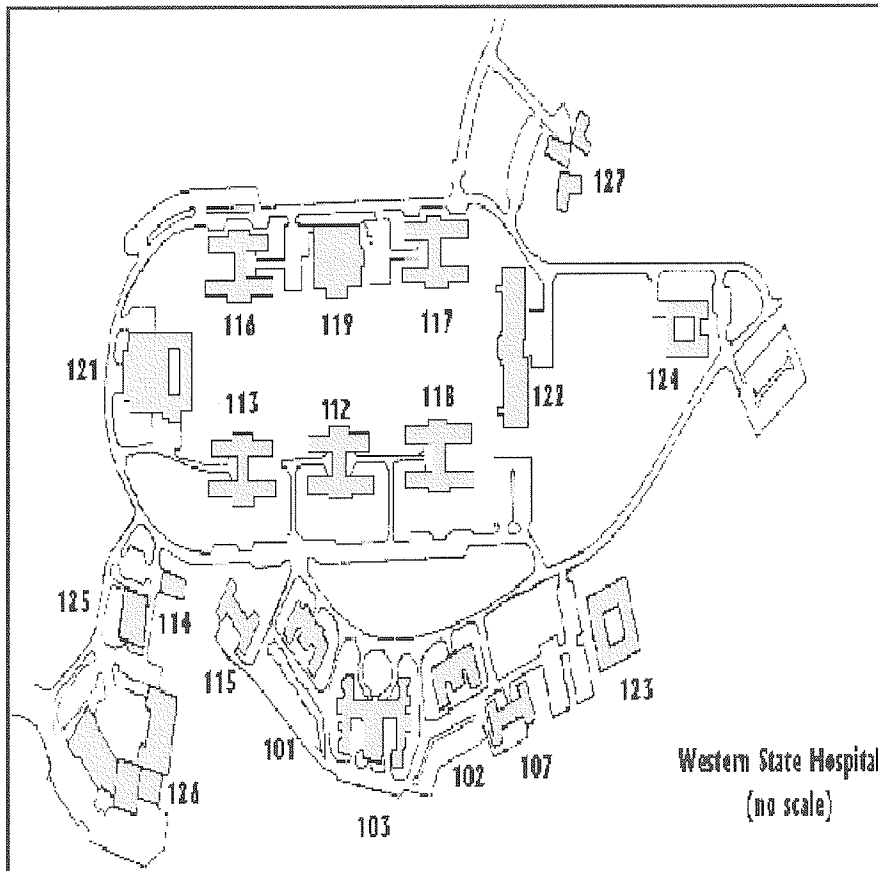
Staunton, Virginia



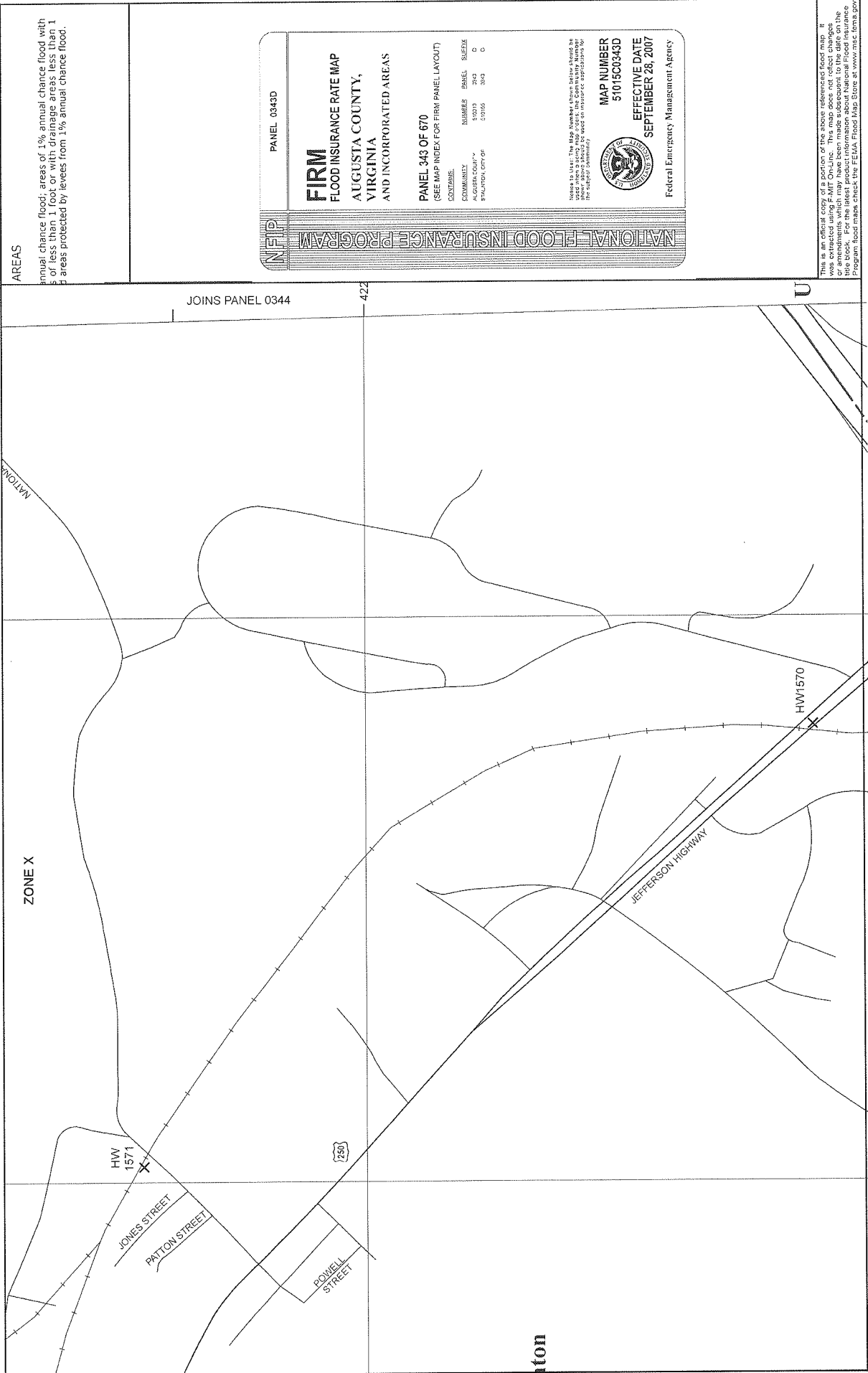
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Sut

DBHDS Western State HospitalVirginia Department of
Behavioral Health and
Developmental Services[Contact Us](#) | [Search this site](#)[Home](#) | [Facility Map](#)**Western State Hospital Facility Map****Bldg Building Name**

101	B3-4
102	Larcombe Bldg
103	Pettis Bldg
107	A5-6
112	Chittum Bldg: D Unit
113	E Unit
114	Power Plant
115	B5-6
116	G Unit
117	I Unit
118	Hansen Bldg: C Unit
119	Giesen Bldg
121	Stribling Bldg
122	Opie Bldg: Medical Center
123	Jeffreys Bldg
124	Miller Bldg
125	Laundry
126	Physical Plant Services/Materiels Mgmt
127	Administrative Services Bldg





Ohio_wet_scan

0

1

Out of range

Interstate

Major Roads

Other Road

Interstate

State highway

US highway

Roads

Cities

USGS Quad Index 24K

Lower 48 Wetland Polygons

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

Lower 48 Available Wetland Data

Non-Digital

Digital

No Data

Scan

NHD Streams

Counties 100K

States 100K

South America

North America



Identify Results

Coordinate Position

Geographic: 38° 8' 25" N, 79° 1' 38" W

Digital Wetland Polygons (Vector)

Wetland Code: PUBHh

DECODE: Wetlands Code Interpreter

WETLAND_TYPE: Freshwater Pond

ACRES: 2.76944722

GLOBALID: {31A801FF-3F60-40D2-92DF-553F4984DCC8}

AREA: 11207.5553

LEN: 536.123770260852

Identify Results

Coordinate Position

Geographic: 38° 8' 26" N, 79° 1' 45" W

Digital Wetland Polygons (Vector)

Wetland Code: PEM1C

DECODE: Wetlands Code Interpreter

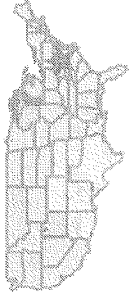
WETLAND_TYPE: Freshwater Emergent Wetland

ACRES: 0.9556734

GLOBALID: {4BF37E36-6B37-4511-8999-DD280BA03EED}

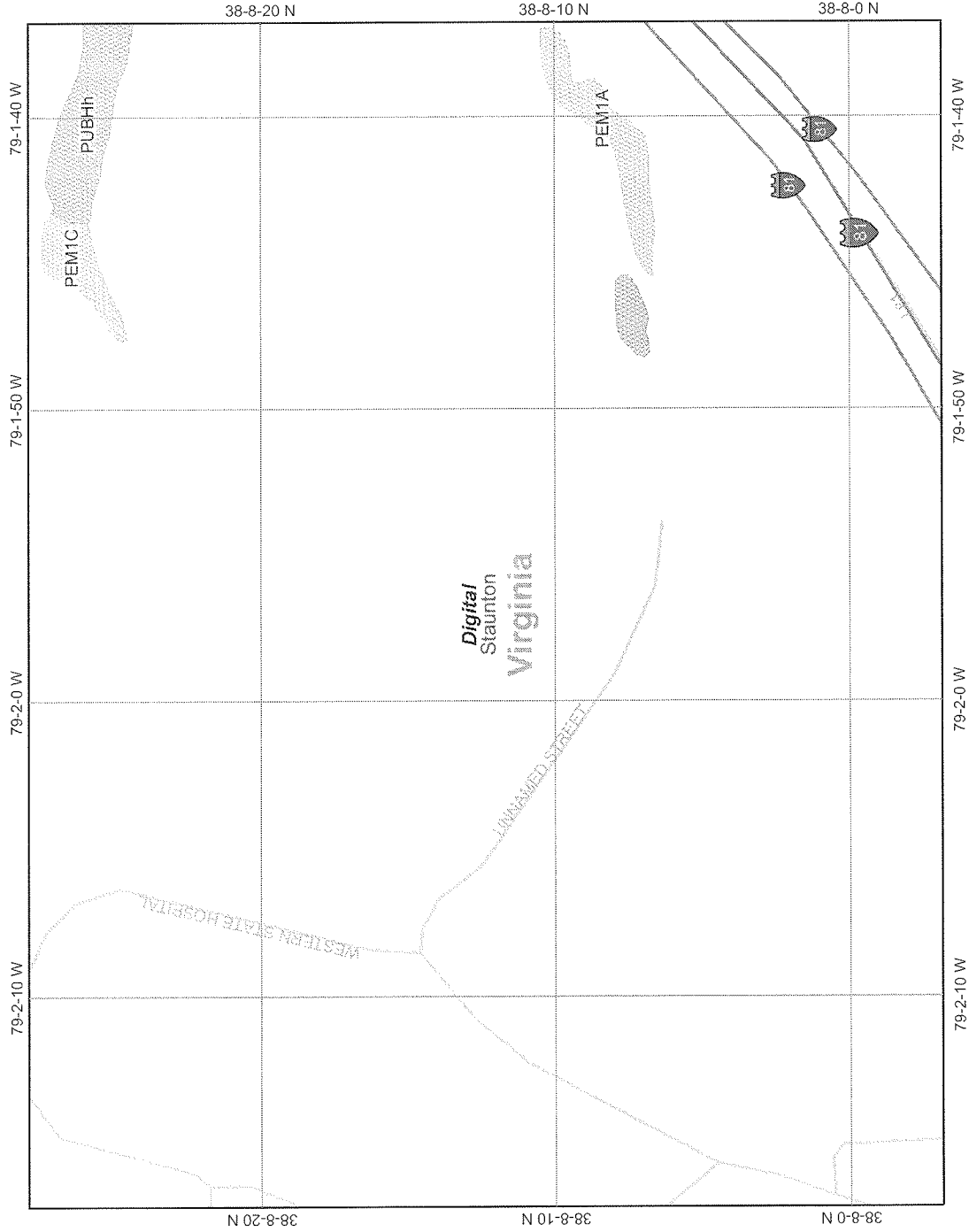
AREA: 3867.47305

LEN: 316.069157606987



Ohio_wet_scan

- 0
- 1
- Out of range
- Interstate
- Major Roads
- Other Road
- Interstate
- State highway
- US highway
- Roads
- Cities
- USGS Quad Index 24K
- Lower 48 Wetland Polygons
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- Lower 48 Available Wetland Data
- Non-Digital
- Digital
- No Data
- Scan
- NHD Streams
- Counties 100K
- States 100K
- South America
- North America



Identify Results

Coordinate Position

Geographic: 38° 8' 7" N, 79° 1' 47" W

Digital Wetland Polygons (Vector)

Wetland Code: PUBHh

DECODE: Wetlands Code Interpreter

WETLAND_TYPE: Freshwater Pond

ACRES: 0.42764988

GLOBALID: {1CEF96FA-D376-4E88-B7BC-1883EAE6991A}

AREA: 1730.63765

LEN: 171.407182257972

Identify Results

Coordinate Position

Geographic: 38° 8' 7" N, 79° 1' 43" W

Digital Wetland Polygons (Vector)

Wetland Code: PEM1A

DECODE: Wetlands Code Interpreter

WETLAND_TYPE: Freshwater Emergent Wetland

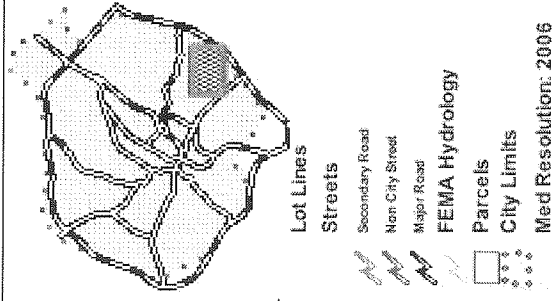
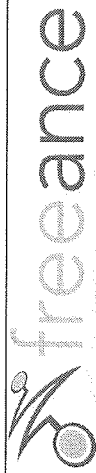
ACRES: 1.61878294

GLOBALID: {CAFB5220-4ED6-488A-9221-4B93263526DE}

AREA: 6550.98215

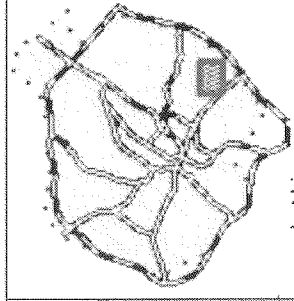
LEN: 534.653555845679

Appendix B



Freance 4.1.0: PDF Map Printing System

Administrator-defined text can be placed here.



- Lot Lines
- Streets
- Secondary Road
- Non City Street
- Major Road
- FEMA Hydrology
- Parcels
- City Limits
- Med Resolution: 2006



Lot Lines
 Streets
 Secondary Road
 Non City Street
 Major Road
 FEMA Hydrology
 Parcels
 City Limits
 Med Resolution: 2006

Selected Parcels	
MAP LINK	10514
PROPERTY INFORMATION	1301 RICHMOND AVE
SALES HISTORY	Sold Amount \$0
DATE SOLD	1900-01-01 00:00:00
OWNER LAST	VA-COMMONWEALTH OF
OWNER FIRST	
OWNER ADDRESS1	WESTERN STATE HOSPITAL
OWNER ADDRESS2	
OWNER CITYSTATE	STAUNTON, VA
ZIP	24401
ZIP PLUS4	0
LEGAL DESC1	(56-88,54,90)
LEGAL DESC2	SPLIT PARCEL 355.349 CITY
LEGAL DESC3	CO DB 397/374
SUBDIV	NO SUBDIVISION
MAPI	445
MAP2	
INSTRU NO	
DEED WILL BOOK	D
DEED BOOK	001
DEED PAGE	
TAX YEAR	9
LND ASSMNT	8883725
BLDG ASSMNT	9714250
TTL ASSMNT	18597975
USE CODE	STATE
NEIGHBORHOOD	WESTRN STATE
ZONING	B2
AREA SF	15478958
AREA AC	355.347
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	.00
SF MAIN	0
SF TOTAL	0
CONSTRUCTION	
BUILT	0
FOUNDATION	
EXT WALL1	
EXT WALL2	
ROOF TYPE	
ROOF MATRL	
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	0
HEAT	N/A
FUEL	N/A
INTERIOR	
FLOORS	N/A
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	PD	
CITY SEWER	AV	

Selected Parcels	
MAP LINK	10172
PROPERTY INFORMATION	300 NATIONAL AVE
SALES HISTORY	Sold Amount \$0
DATE SOLD	2002-04-30 00:00:00
OWNER LAST	NUTTY
OWNER FIRST	MYKEL ANDREW & BROWN, S J N
OWNER ADDRESS1	39 BIRCHWOOD RD
OWNER ADDRESS2	
OWNER CITYSTATE	STAUNTON, VA
ZIP	24401
ZIP PLUS4	0
LEGAL DESC1	LOT 48 2.5 ACRES
LEGAL DESC2	
LEGAL DESC3	
SUBDIV	REYNOLDS, RJ
MAP1	412
MAP2	
INSTRU NO	020001797
DEED WILL BOOK	
DEED BOOK	
DEED PAGE	
TAX YEAR	9
LND ASSMNT	57500
BLDG ASSMNT	168020
TTL ASSMNT	225520
USE CODE	DWELLING, SINGLE-FAMILY
NEIGHBORHOOD	NEW HOPE
ZONING	R1
AREA SF	108900
AREA AC	2.500
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	RANCH
STORY	1.00
SF MAIN	2376
SF TOTAL	2376
CONSTRUCTION	WOOD FRAME
BUILT	1960
FOUNDATION	CINDERBLOCK
EXT WALL1	BRICK VEN
EXT WALL2	
ROOF TYPE	GABLE
ROOF MATRL	COMP SHNGLE
ROOMS	7
BEDROOMS	4
BATH FL	2
BATH HLF	0
HEAT	HOT WATER
FUEL	OIL
INTERIOR	DRYWALL
FLOORS	HARDWOOD
FIREPLACE	2
ATTIC	
ATTIC SF	0
CENTRAL AC	CENTRAL
BSMNT TYPE	PARTIAL
BSMNT SF	1584
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	285
SCREENPORCH SF	0
ENCLOSEDPORCH SF	160
DECK SF	0
PATIO SF	0

	IN-GROUND
POOL SF	512
UTILITY BLDG	METAL
UTILITY SF	720
DRIVEWAY	ASPHALT
DRIVEWAY SF	1000
CITY WATER	PD
CITY SEWER	PD

Selected Parcels	
MAP LINK	9533
PROPERTY INFORMATION	0 NATIONAL AVE
SALES HISTORY	Sold Amount \$0
DATE SOLD	2000-06-30 00:00:00
OWNER LAST	INDUSTRIAL DEV AUTH OF THE
OWNER FIRST	CITY OF STAUNTON
OWNER ADDRESS1	C/O DIR ECON DEV
OWNER ADDRESS2	P O BOX 58
OWNER CITYSTATE	STAUNTON, VA
ZIP	24402
ZIP PLUS4	58
LEGAL DESC1	LOT 2
LEGAL DESC2	17.1095 AC
LEGAL DESC3	
SUBDIV	VIRGINIA CROSSROADS
MAP1	412
MAP2	
INSTRU NO	000002325
DEED WILL BOOK	
DEED BOOK	
DEED PAGE	
TAX YEAR	9
LND ASSMNT	171090
BLDG ASSMNT	0
TTL ASSMNT	171090
USE CODE	CITY OF STAUNTON
NEIGHBORHOOD	NEW HOPE
ZONING	11
AREA SF	745290
AREA AC	17.109
LOT FRNT	0
LOT RGT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	.00
SF MAIN	0
SF TOTAL	0
CONSTRUCTION	
BUILT	0
FOUNDATION	
EXT WALL1	
EXT WALL2	
ROOF TYPE	
ROOF MATRL	
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	0
HEAT	N/A
FUEL	N/A
INTERIOR	
FLOORS	N/A
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	AV	
CITY SEWER	AV	

Selected Parcels	
MAP LINK	10156
PROPERTY INFORMATION	<u>310 NATIONAL AVE</u>
SALES HISTORY	<u>Sold Amount \$230803</u>
DATE SOLD	2000-06-30 00:00:00
OWNER LAST	INDUSTRIAL DEV AUTH OF THE
OWNER FIRST	CITY OF STAUNTON
OWNER ADDRESS1	C/O DIR ECON DEV
OWNER ADDRESS2	P O BOX 58
OWNER CITYSTATE	STAUNTON, VA
ZIP	24402
ZIP PLUS4	58
LEGAL DESC1	LOT 1 108.0071 AC
LEGAL DESC2	
LEGAL DESC3	
SUBDIV	VIRGINIA CROSSROADS
MAPI	412
MAP2	
INSTRU NO	000002325
DEED WILL BOOK	
DEED BOOK	
DEED PAGE	
TAX YEAR	9
LND ASSMNT	1620105
BLDG ASSMNT	0
TTL ASSMNT	1620105
USE CODE	CITY OF STAUNTON
NEIGHBORHOOD	NEW HOPE
ZONING	11
AREA SF	4704784
AREA AC	108.006
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	1.00
SF MAIN	0
SF TOTAL	0
CONSTRUCTION	
BUILT	0
FOUNDATION	
EXT WALL1	
EXT WALL2	
ROOF TYPE	
ROOF MATRL	
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	0
HEAT	N/A
FUEL	N/A
INTERIOR	
FLOORS	N/A
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	PD	
CITY SEWER	AV	

Selected Parcels	
MAP LINK	10301
PROPERTY INFORMATION	1304 RICHMOND AVE
SALES HISTORY	Sold Amount \$1100000
DATE SOLD	2003-10-28 00:00:00
OWNER LAST	FOX CUB CAVE LLC
OWNER FIRST	
OWNER ADDRESS1	600 W MARKET ST
OWNER ADDRESS2	
OWNER CITYSTATE	HARRISONBURG, VA
ZIP	22802
ZIP PLUS4	0
LEGAL DESC1	LOT 83
LEGAL DESC2	2.939 ACRES
LEGAL DESC3	
SUBDIV	NO SUBDIVISION
MAP1	510
MAP2	
INSTRU NO	030004725
DEED WILL BOOK	
DEED BOOK	
DEED PAGE	
TAX YEAR	9
LND ASSMNT	512090
BLDG ASSMNT	639680
TTL ASSMNT	1151770
USE CODE	GENERAL COMMERCIAL
NEIGHBORHOOD	RICHMOND RD
ZONING	B2
AREA SF	128022
AREA AC	2.938
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	1.00
SF MAIN	16275
SF TOTAL	16275
CONSTRUCTION	CINDERBLOCK
BUILT	1957
FOUNDATION	CONC SLAB
EXT WALL1	PTD BLOCK
EXT WALL2	ALUM PANEL
ROOF TYPE	GABLE
ROOF MATRL	COMP SHNGLE
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	3
HEAT	SPACE HTR
FUEL	GAS
INTERIOR	DRYWALL
FLOORS	SPECIAL
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	PD	
CITY SEWER	PD	

Selected Parcels	
MAP LINK	10690
PROPERTY INFORMATION	1244 RICHMOND AVE
SALES HISTORY	Sold Amount \$0
DATE SOLD	2005-09-19 00:00:00
OWNER LAST	GATEWAY HOSP STA LLC
OWNER FIRST	WAFFLE HSE #302
OWNER ADDRESS1	NORTH LAKE FOODS INC
OWNER ADDRESS2	P O BOX 6450
OWNER CITYSTATE	NORCROSS, GA
ZIP	30091
ZIP PLUS4	0
LEGAL DESC1	LOT 82 WAFFLE HOUSE ONLY
LEGAL DESC2	
LEGAL DESC3	
SUBDIV	NO SUBDIVISION
MAP1	477
MAP2	
INSTRU NO	050004138
DEED WILL BOOK	
DEED BOOK	
DEED PAGE	
TAX YEAR	9
LND ASSMNT	0
BLDG ASSMNT	105000
TTL ASSMNT	105000
USE CODE	RESTAURANTS
NEIGHBORHOOD	RICHMOND RD
ZONING	B2
AREA SF	0
AREA AC	.000
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	1.00
SF MAIN	1750
SF TOTAL	1750
CONSTRUCTION	
BUILT	1987
FOUNDATION	
EXT WALL1	
EXT WALL2	
ROOF TYPE	
ROOF MATRL	
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	0
HEAT	N/A
FUEL	N/A
INTERIOR	
FLOORS	N/A
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	AV	
CITY SEWER	AV	

Selected Parcels	
MAP LINK	10261
PROPERTY INFORMATION	280 NATIONAL AVE
SALES HISTORY	Sold Amount \$0
DATE SOLD	1900-01-01 00:00:00
OWNER LAST	KENT
OWNER FIRST	JEAN ELLEN H
OWNER ADDRESS1	128 BOOKERDALE RD
OWNER ADDRESS2	
OWNER CITYSTATE	WAYNESBORO, VA
ZIP	22980
ZIP PLUS4	0
LEGAL DESC1	LOT 8 & 8A BLK 3 NEAR
LEGAL DESC2	LIME PLANT 28.926 AC
LEGAL DESC3	CO WB 166/151 (056A-3-8)
SUBDIV	NO SUBDIVISION
MAP1	411
MAP2	444
INSTRU NO	
DEED WILL BOOK	D
DEED BOOK	1
DEED PAGE	
TAX YEAR	9
LND ASSMNT	73860
BLDG ASSMNT	59940
TTL ASSMNT	133800
USE CODE	DWELLING, SINGLE-FAMILY
NEIGHBORHOOD	BELMONT TRAP
ZONING	11
AREA SF	1260016
AREA AC	28.925
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	RANCH
STORY	1.00
SF MAIN	1225
SF TOTAL	1225
CONSTRUCTION	CINDERBLOCK
BUILT	1934
FOUNDATION	STONE
EXT WALL1	PTD BLOCK
EXT WALL2	
ROOF TYPE	
ROOF MATRL	METAL
ROOMS	6
BEDROOMS	4
BATH FL	1
BATH HLF	0
HEAT	STOVE
FUEL	GAS
INTERIOR	DRYWALL
FLOORS	CPT/VINYL
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	2-CAR-DET
GARAGE SF	480
CARPORT	
CARPORT SF	0
OPENPORCH SF	62
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG	WOOD	
UTILITY SF	1	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	PD	
CITY SEWER	AV	

Selected Parcels	
MAP LINK	10521
PROPERTY INFORMATION	0 RICHMOND AVE
SALES HISTORY	Sold Amount \$250000
DATE SOLD	1988-05-18 00:00:00
OWNER LAST	STAUNTON TRACTOR INC
OWNER FIRST	
OWNER ADDRESS1	1029 RICHMOND AVE
OWNER ADDRESS2	
OWNER CITYSTATE	STAUNTON, VA
ZIP	24401
ZIP PLUS4	0
LEGAL DESC1	(56A-3-15)
LEGAL DESC2	E OF STAUNTON ADJ C & ORR
LEGAL DESC3	7.782 ACRES-CO DB 668/195
SUBDIV	NO SUBDIVISION
MAPI	444
MAP2	
INSTRU NO	
DEED WILL BOOK	D
DEED BOOK	285
DEED PAGE	287
TAX YEAR	9
LND ASSMNT	762710
BLDG ASSMNT	0
TTL ASSMNT	762710
USE CODE	GENERAL COMMERCIAL
NEIGHBORHOOD	RICHMOND RD
ZONING	B2
AREA SF	338984
AREA AC	7.782
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	1.00
SF MAIN	4000
SF TOTAL	4000
CONSTRUCTION	METAL
BUILT	0
FOUNDATION	CONC SLAB
EXT WALL1	ALUM PANEL
EXT WALL2	
ROOF TYPE	GABLE
ROOF MATRL	METAL
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	0
HEAT	N/A
FUEL	N/A
INTERIOR	
FLOORS	N/A
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	PD	
CITY SEWER	PD	

Selected Parcels

MAP LINK	10399
PROPERTY INFORMATION	1137 RICHMOND AVE
SALES HISTORY	Sold Amount \$1297000
DATE SOLD	2006-05-26 00:00:00
OWNER LAST	CARLION SERVICES, INC.
OWNER FIRST	
OWNER ADDRESS1	P O BOX 12385
OWNER ADDRESS2	
OWNER CITYSTATE	ROANOKE, VA
ZIP	24025
ZIP PLUS4	2385
LEGAL DESC1	(LOT 22(REV) 8.066 AC TTL
LEGAL DESC2	(7.626 AC PARCEL +
LEGAL DESC3	0.44 AC PARCEL)
SUBDIV	NO SUBDIVISION
MAP1	444
MAP2	
INSTRU NO	060002090
DEED WILL BOOK	
DEED BOOK	
DEED PAGE	
TAX YEAR	9
LND ASSMNT	1405420
BLDG ASSMNT	0
TTL ASSMNT	1405420
USE CODE	GENERAL BUSINESS DISTRICT
NEIGHBORHOOD	RICHMOND RD
ZONING	B2
AREA SF	351354
AREA AC	8.065
LOT FRNT	0
LOT RIGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	1.00
SF MAIN	0
SF TOTAL	0
CONSTRUCTION	
BUILT	0
FOUNDATION	
EXT WALL1	
EXT WALL2	
ROOF TYPE	
ROOF MATRL	
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	0
HEAT	N/A
FUEL	N/A
INTERIOR	
FLOORS	N/A
FIREPLACE	0
ATTIC	FIN
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	PD	
CITY SEWER	PD	

Selected Parcels	
MAP LINK	10251
PROPERTY INFORMATION	1205B RICHMOND AVE
SALES HISTORY	Sold Amount \$0
DATE SOLD	1900-01-01 00:00:00
OWNER LAST	AUGUSTA COOP FARM BUREAU INC
OWNER FIRST	
OWNER ADDRESS1	1205B RICHMOND AVE
OWNER ADDRESS2	
OWNER CITYSTATE	STAUNTON, VA
ZIP	24401
ZIP PLUS4	0
LEGAL DESC1	(056A-3-23)
LEGAL DESC2	8.527 ACRES
LEGAL DESC3	CO DB 294/266
SUBDIV	NO SUBDIVISION
MAPI	477
MAP2	
INSTRU NO	
DEED WILL BOOK	D
DEED BOOK	1
DEED PAGE	
TAX YEAR	9
LND ASSMNT	1104590
BLDG ASSMNT	956230
TTL ASSMNT	2060820
USE CODE	GENERAL COMMERCIAL
NEIGHBORHOOD	RICHMOND RD
ZONING	B2
AREA SF	371436
AREA AC	8.526
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	.00
SF MAIN	0
SF TOTAL	0
CONSTRUCTION	
BUILT	0
FOUNDATION	
EXT WALL1	
EXT WALL2	
ROOF TYPE	
ROOF MATRL	
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	0
HEAT	N/A
FUEL	N/A
INTERIOR	
FLOORS	N/A
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	PD	
CITY SEWER	PD	

Selected Parcels	
MAP LINK	10801
PROPERTY INFORMATION	1209 RICHMOND AVE
SALES HISTORY	Sold Amount \$0
DATE SOLD	2007-09-14 00:00:00
OWNER LAST	TAP INVESTMENTS LLC
OWNER FIRST	
OWNER ADDRESS1	2903 N AUGUSTA ST
OWNER ADDRESS2	
OWNER CITYSTATE	STAUNTON, VA
ZIP	24401
ZIP PLUS4	0
LEGAL DESC1	LOT 29
LEGAL DESC2	1.221 AC
LEGAL DESC3	
SUBDIV	NO SUBDIVISION
MAP1	477
MAP2	
INSTRU NO	070003469
DEED WILL BOOK	
DEED BOOK	
DEED PAGE	
TAX YEAR	9
LND ASSMNT	425140
BLDG ASSMNT	700120
TTL ASSMNT	1125260
USE CODE	SHOPPING CENTER
NEIGHBORHOOD	RICHMOND RD
ZONING	B2
AREA SF	53143
AREA AC	1.219
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	1.00
SF MAIN	12210
SF TOTAL	12210
CONSTRUCTION	METAL
BUILT	0
FOUNDATION	CONC SLAB
EXT WALL1	STEEL PANEL
EXT WALL2	
ROOF TYPE	GABLE
ROOF MATRL	METAL
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	0
HEAT	9
FUEL	HEAT PUMP
INTERIOR	ELECTRIC
FLOORS	N/A
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	CENTRAL
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	PD	
CITY SEWER	PD	

Selected Parcels	
MAP LINK	10322
PROPERTY INFORMATION	1211 RICHMOND AVE
SALES HISTORY	Sold Amount \$0
DATE SOLD	1996-02-09 00:00:00
OWNER LAST	VERONA LAND LIMITED LIABILITY
OWNER FIRST	COMPANY
OWNER ADDRESS1	P O BOX 900
OWNER ADDRESS2	
OWNER CITYSTATE	VERONA, VA
ZIP	24482
ZIP PLUS4	900
LEGAL DESC1	LOT 30
LEGAL DESC2	WAYNESBORO RD 1.793 AC
LEGAL DESC3	
SUBDIV	NO SUBDIVISION
MAP1	477
MAP2	
INSTRU NO	
DEED WILL BOOK	D
DEED BOOK	369
DEED PAGE	69
TAX YEAR	9
LND ASSMNT	624820
BLDG ASSMNT	1000
TTL ASSMNT	625820
USE CODE	GENERAL COMMERCIAL
NEIGHBORHOOD	RICHMOND RD
ZONING	B2
AREA SF	78103
AREA AC	1.792
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	1.00
SF MAIN	2451
SF TOTAL	2451
CONSTRUCTION	CINDERBLOCK
BUILT	1954
FOUNDATION	CINDERBLOCK
EXT WALL1	BRICK VEN
EXT WALL2	
ROOF TYPE	FLAT
ROOF MATRL	BUILT-UP
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	2
HEAT	HOT WATER
FUEL	OIL
INTERIOR	PLASTER
FLOORS	VINYL
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	FULL
BSMNT SF	2451
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	PD	
CITY SEWER	PD	

Selected Parcels	
MAP LINK	10802
PROPERTY INFORMATION	0 RICHMOND AVE
SALES HISTORY	Sold Amount \$0
DATE SOLD	2007-09-14 00:00:00
OWNER LAST	TAP INVESTMENTS LLC
OWNER FIRST	
OWNER ADDRESS1	2903 N AUGUSTA ST
OWNER ADDRESS2	
OWNER CITYSTATE	STAUNTON, VA
ZIP	24401
ZIP PLUS4	0
LEGAL DESC1	LOT 31
LEGAL DESC2	1.078 AC + 0.033 AC =
LEGAL DESC3	1.111 AC TTL
SUBDIV	NO SUBDIVISION
MAP1	477
MAP2	
INSTRU NO	070003470
DEED WILL BOOK	
DEED BOOK	
DEED PAGE	
TAX YEAR	9
LND ASSMNT	387160
BLDG ASSMNT	0
TTL ASSMNT	387160
USE CODE	GENERAL BUSINESS DISTRICT
NEIGHBORHOOD	RICHMOND RD
ZONING	B2
AREA SF	48395
AREA AC	1.110
LOT FRNT	0
LOT RGHT	0
LOT BACK	0
LOT LEFT	0
STYLE	
STORY	00
SF MAIN	0
SF TOTAL	0
CONSTRUCTION	
BUILT	0
FOUNDATION	
EXT WALL1	
EXT WALL2	
ROOF TYPE	
ROOF MATRL	
ROOMS	0
BEDROOMS	0
BATH FL	0
BATH HLF	0
HEAT	N/A
FUEL	N/A
INTERIOR	
FLOORS	N/A
FIREPLACE	0
ATTIC	
ATTIC SF	0
CENTRAL AC	N/A
BSMNT TYPE	
BSMNT SF	0
BSMNT FINISHED	
BSMNT FIN SF	0
GARAGE	
GARAGE SF	0
CARPORT	
CARPORT SF	0
OPENPORCH SF	0
SCREENPORCH SF	0
ENCLOSEDPORCH SF	0
DECK SF	0
PATIO SF	0

POOL SF	0	
UTILITY BLDG		
UTILITY SF	0	
DRIVEWAY		
DRIVEWAY SF	0	
CITY WATER	AV	
CITY SEWER	AV	

SITE FACILITY PROFILE SUMMARY
8/12/2009

BG #	WARDS	NAME	CONSTRUCTION DATE	CONSTRUCTION TYPE	GROSS SQ.FT.	BUILDING CONDICTION
100	ATTENDANT'S	CHIRP	1950	CINDER BLOCK/BRICK	30386	POOR
101	B-3-4		1952	MASONRY/BRICK	38597	FAIR
102	A-3-4	LARCOMBE	1952	CINDER BLOCK/BRICK	38591	FAIR
103	A-1-2 B-1-2	PETTIS	1952	CINDER BLOCK/BRICK	74112	GOOD
104	DISPOSAL PLANT		1952	CINDER BLOCK/BRICK	903	GOOD
107	A-5-6		1955	CINDER BLOCK/BRICK	26435	GOOD
109	GREENHOUSE		1952	METAL	2176	GOOD
112	D UNIT	CHITTUM	1959	CINDER BLOCK/BRICK	43299	GOOD
113	E UNIT		1959	CINDER BLOCK/BRICK	41644	POOR
114	POWER PLANT		1960	CINDER BLOCK/BRICK	4301	GOOD
115	B-5-6		1960	CINDER BLOCK/BRICK	17884	GOOD
116	G UNIT		1960	CINDER BLOCK/BRICK	41644	POOR
117	I UNIT		1960	CINDER BLOCK/BRICK	44044	POOR
118	C UNIT	HANSEN	1963	CINDER BLOCK/BRICK	44044	GOOD
119	FOOD SERVICE	GEISEN	1964	CINDER BLOCK/BRICK	32414	GOOD
121	RECREATIONAL THERAPY	STRIBLING	1967	CINDER BLOCK/BRICK	57146	GOOD
122	MEDICAL SURGICAL	OPIE	1969	CINDER BLOCK/BRICK	53688	GOOD
123	EDUCATION AND STAFF DEVELOPMENT	JEFFREYS	1972	CINDER BLOCK/BRICK	18004	GOOD
124	ADMINISTRATION	MILLER	1973	CINDER BLOCK/BRICK	16635	FAIR
125	LAUNDRY LINEN SERVICES		1972	BRICK/METAL	11106	GOOD
126	PHYSICAL PLANT SERVICES/MATERIELS MANAGEMENT		1983	CINDER BLOCK/BRICK	49155	GOOD
127	ADMINISTRATIVE SERVICES		1975	CINDER BLOCK/BRICK	46405	GOOD
	ROAD					
	ACREAGE	300				

SITE FACILITY PROFILE SUMMARY

8/12/2009

BG #	WARDS	NAME	CONSTRUCTION DATE	USAGE	CONSTRUCTION TYPE	GROSS SQ.FT.
100	ATTENDANT'S	CHIRP	1950	VACANT	CINDER BLOCK/BRICK	30386
101	B-3-4		1952	VACANT	MASONRY/BRICK	38597
102	A-3-4	LARCOMBE	1952	VACANT	CINDER BLOCK/BRICK	38591
				RESIDENT HOUSING		
				ADMISSIONS/PHARMACY INFORMATION		
103	A-1-2 B-1-2	PETTIS	1952	CENTER/CHAPEL/SECURITY	CINDER BLOCK/BRICK	74112
104	DISPOSAL PLANT		1952	SEWAGE DISPOSAL	CINDER BLOCK/BRICK	903
107	A-5-6		1955	RESIDENT HOUSING	CINDER BLOCK/BRICK	26435
109	GREENHOUSE		1952	STORAGE	METAL	2176
				VOL SERVICES, NEW HOPE DETOX, EMERGENCY WARD, DOC		
112	D UNIT	CHITTUM	1959	VACANT	CINDER BLOCK/BRICK	43299
113	E UNIT		1959	VACANT	CINDER BLOCK/BRICK	41644
114	POWER PLANT		1960	POWER PLANT	CINDER BLOCK/BRICK	4301
115	B-5-6		1960	VACANT	CINDER BLOCK/BRICK	17884
116	G UNIT		1960	VACANT	CINDER BLOCK/BRICK	41644
117	I UNIT		1960	VACANT	CINDER BLOCK/BRICK	44044
118	C UNIT	HANSEN	1963	RESIDENT HOUSING	CINDER BLOCK/BRICK	44044
119	FOOD SERVICE	GEISEN	1964	FOOD SERVICES	CINDER BLOCK/BRICK	32414
121	RECREATIONAL THERAPY	STRIBLING	1967	RESIDENT ACTIVITIES	CINDER BLOCK/BRICK	57146
				ACUTE CARE/CSU/LAB/DENTAL		
122	MEDICAL SURGICAL	OPIE	1969	OUTPATIENT/PHYSICAL THERAPY	CINDER BLOCK/BRICK	53688
	EDUCATION AND STAFF DEVELOPMENT	JEFFREYS	1972	TRAINING/ADVOCATES/STATE POLICE	CINDER BLOCK/BRICK	18004
124	ADMINISTRATION	MILLER	1973	VACANT	CINDER BLOCK/BRICK	16635
				LAUNDRY LINEN AND PATIENT PROPERTY	BRICK/METAL	11106
125	LAUNDRY LINEN SERVICES		1972			
	PHYSICAL PLANT SERVICES/MATERIELS MANAGEMENT		1983	MAINTENANCE/MATERIELS HANDLING/TRANSPORTATION	CINDER BLOCK/BRICK	49155
126				ITS/REIMBURSEMENT/FISCAL/PERS ONNEL/MEDICAL RECORDS/ADMINISTRATION/NURSING ADMIN/VITA		
127	ADMINISTRATIVE SERVICES		1975		CINDER BLOCK/BRICK	46405
	ROAD					
	ACREAGE	300				

UST REPLACEMENT
FUEL TANKS FOR BG 114

DATE	DESCRIPTION	SENDER
01/23/1995	OIL DISCHARGE PLANS	JOHN DEPERRO - A&E
07/28/1994	EPA BOOKLETS	RUSSELL ELLISON - DEQ
12/27/1993	EVALUATION REPORT FOR UST REPLACEMENT PHASE I	CLAUDE HUTTON - A&E
11/24/1993	UST REPLACEMENT EVALUATION REPORT	KARL SCHAEFFER - PHR&A
01/01/1993	REGULATORY INFORMATION	MARY-ELLEN KENDALL - VA WATER CONTROL BOARD
12/22/1992	RELEASE DETECTION METHODS	VA WATER CONTROL BOARD
12/21/1992	MANUALS ON UST	OWENS CORNING
09/10/1992	LEAK DETECTION TEST REPORT	ADVANCED TANK CERTIFICATION
10/23/1990	VEEDER ROOT TLS 250 TANK MONITORING SYSTEM	GREG TURNER - JONES & FRANK
04/25/1990	UST TESTING	A.G. SUTHERLAND - A&E
04/05/1990	HOUSE BILL NO 192	GOVERNOR WILDER
11/15/1989	TECHNICAL STANDARDS AND CORRECTIVE ACTION REQ.	WENDELL SELDON - DGS
10/25/1989	COST OF UNDERGROUND STORAGE TANK TESTS	
08/18/1989	UNIFORM STATEWIDE BUILDING CODE INTERPRETATION	CHAIRMAN STATE BUILDING CODE TECHNICAL REVIEW BOARD
02/01/1988	UST MANAGEMENT ALTERNATIVES	FOUR SEASONS IND. SERVICES
09/30/1987	CAUSES OF RELEASE FROM UST SYSTEMS	
	EPA PUBLICATIONS	
	EXISTING EMERGENCY POWER GENERATOR TANKS	

UST REMOVAL BG 126
FUEL TANKS

DATE	DESCRIPTION	SENDER
05/27/1998	INVITATION TO BID	KARL SHAEFFER - PHR&A
07/14/1998	NOTICE TO AWARD - BATTLE OIL COMPANY	WALLY MILLS - A&E
08/05/1998	PRE-BID CONFERENCE	KARL SHAEFFER - PHR&A
08/21/1998	PRE-CONSTRUCTION CONFERENCE	KARL SHAEFFER - PHR&A
09/21/1998	PRE-CONSTRUCTION CONFERENCE	KARL SHAEFFER - PHR&A
11/12/1998	DEADLINE TO REMOVE UST - DECEMBER 22, 1998	DENNIS TREACY - DEQ
11/30/1998	#9 AND #16 UST REMOVAL	JOHN RENO P - PHR&A
12/14/1998	CONTRACT WITH CONSTRUCTION CONTROL CORP	WALLY MILLS - A&E
05/07/1999	PROPOSALS	
05/26/1999	SOIL SAMPLES	KARL SHAEFFER - PHR&A
07/27/1999	TANK #16 PETROLEUM CONTAMINATED SOILS	SANDRA TALAROVICH-MUELLER - DEQ
07/27/1999	TANK #9 PETROLEUM CONTAMINATED SOILS	SANDRA TALAROVICH-MUELLER - DEQ
08/05/1999	CLOSURE REPORTS AND NEW TANK REGISTRATION	JAMES TAYLOR - A&E
08/09/1999	SIGNED UST CLOSURE REPORT	JIM SMITH - WSH
08/17/1999	SUSPECTED RELEASE FROM TANK #16	R McCHESNEY STERRETT - DEQ
08/17/1999	SUSPECTED RELEASE FROM TANK #9	R McCHESNEY STERRETT - DEQ
08/23/1999	UST #1, 2, 7, 8 CLOSURE REPORTS	JIM SMITH - WSH
09/30/1999	UST # 1 NOTIFICATION FORM	JIM SMITH - WSH
09/30/1999	TANK 17 TEMPORARILY OUT OF USE	JIM SMITH - WSH
11/04/1999	CHANGE STATUS OF UST TO AST	JIM SMITH - WSH
12/07/1999	INSTRUCTIONS TO CORRECT DEFICIENCIES	JENNIFER HUNT - DEQ
12/16/1999	RELEASE INVESTIGATION REPORT	KARL SHAEFFER - PHR&A
12/17/1999	NON-COMPLIANT STATE OWNED USTs	J ANDREW HAGELIN - DEQ
12/20/1999	CLOSURE OF TANKS DURING WEEK OF 12/27-31/99	DENNIS TREACY - DEQ
01/13/2000	SUPPLEMENT LETTER FOR UST PIPING REMOVAL	KARL SHAEFFER - PHR&A
02/15/2000	1000 CAPACITY PREMIUM GASOLINE TANK	JOHN RENO P - PHR&A
03/17/2000	SOIL SAMPLING ACTIVITIES	JOHN RENO P - PHR&A
07/20/2000	DECISION TO CLOSE CASE	DENNIS TREACY - DEQ

1998005



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

Valley Regional Office

James S. Gilmore, III
Governor

Street address: 4411 Early Road, Harrisonburg, Virginia 22801
Mailing address: P.O. Box 3000, Harrisonburg, VA 22801-3000
Telephone (540) 574-7800 Fax (540) 574-7878
<http://www.deq.state.va.us>

Dennis H. Treacy
Director

John Paul Woodley, Jr.
Secretary of Natural Resources

R. Bradley Chewning, P.E.
Valley Regional Director

July 20, 2000

Western State Hospital
Attn. Mr. Jim Smith
P.O. Box 2500
Staunton, VA 24401

Re: PC 99-5108 - **Decision to Close Case**
WSH Building 107, UST # 16, Staunton

Dear Mr. Smith:

Based on our review of this file, **this investigation under PC 99-5108 is considered to be closed** and no further investigation or corrective action is required at this time. Please be advised that should significant environmental or health or safety problems develop in this area, additional testing and/or corrective action may be required in accordance with applicable State and Federal regulations.

If you have any questions or concerns regarding this matter or if we can be of further assistance, please contact **Sandra T. Mueller** at (540) 574-7848.

Very truly yours,

A handwritten signature in cursive script, reading "Richard W. Anderson".

A handwritten signature in cursive script, reading "Dennis H. Treacy".
Dennis H. Treacy

cc: UST File

WESTERN STATE HOSPITAL
00 JUL 26 AM 8:16
PHYSICAL PLANT SERVICES

Bq 127 UST

May 5, 1994	• Letter to Eldon Kurtz from James Preston • Extension Request
May 9, 1994	• Fax to Eldon Kurtz from Dave Irvin of PHR& • UST Removal Proposal (attached letter to Wally Mills/John DePerro from David Irvin)
May 10, 1994	• Fax to Wally Mills/John DePerro from Eldon Kurtz • Confirming Conversation to proceed with open end contract to Patton Harris and Rust
May 18, 1994	• Memo to file from Eldon Kurtz • A004019 - Environmental Options, Inc. Removal of UST
May 19, 1994	• Purchase order for Environmental Options Inc. • Non Hazardous Waste Certification • Tank Disposal Manifest
May 24, 1994	• Memo to Gloria Armentrout from Eldon Kurtz, • Liability for Repairs - Leaking 550 Gallon Storage Tank
June 2, 1994	• Fax to Eldon Kurtz from Dave Irvin • UST Site Characterization (attached letter to Mickie Jones from David Irvin)
June 6, 1994	• Letter to Eldon Kurtz from Dave Irvin • UST Closure
June 8, 1994	• Letter to Ken Hinkle from Eldon Kurtz • PC 94-2388 Leaking UST
June 22, 1994	• Letter to Ken Hinkle from Jim Smith • Leaking UST
August 4, 1994	Underground Storage Tank Site Characterization Report - VDEQ PC#94-2388

	Virginia Water Control Board Valley Regional Office LUST Information Sheet
	Notification of Underground Storage Tanks (blank forms)
	• Packet • Commonwealth of Virginia State Water Control Board • VR 680-13-02 - Underground Storage Tanks • Technical Standards • Corrective Action Requirements
March 15, 1994	• Letter to Eldon Kurtz from R. McChesney Sterrett • PC 94-2388, Leaking Underground Storage Tank
March 22, 1994	• Memo to Bob Eberhard from Eldon Kurtz • Underground Storage Tank, Building 127 • DEQ Letter
March 22, 1994	• Fax to David Irvin from Eldon Kurtz • Copy of DEQ Letter for review (copy of letter from DEQ)
April 4, 1994	• Letter to Wally Mills/John DePerro from David Irvin • Draft Letter from Patton Rust and Associates • UST Site Characterization Report
April 4, 1994	• Memo to Ken Hinkle from Eldon Kurtz • PC# 94-2388 • Initial Abatement Measures Report
April 7, 1994	• Letter to Eldon Kurtz from Ken Hinkle • PC 94-2388 - Report Receipt
April 13, 1994	• Letter to Eldon Kurtz from Andy Dieranf • Proposal for Site Characterization Study
	• Virginia Water Control Board Valley Regional Office Lust Information Sheet • Revised October 1, 1991
April 21, 1994	• Fax to Eldon Kurtz from Johnny Moss of Reco • Report of Findings
April 21, 1994	• Fax to John DePerro from Eldon Kurtz • Proposal for Site Characterization
April 28, 1994	• Letter to Ken Hinkle from Eldon Kurtz • PC 94-2388 Leaking UST (Extension Request)

UST - BUILDING 127 INDEX

DATE	DESCRIPTION
	• Packet • When Do You Have To Act?
	• Packet • Commonwealth of Virginia State Water Control Board • VR 680-13-02 • Underground Storage Tanks • Technical Standards • Corrective Action Requirements • Effective October 25, 1989
	Virginia Underground Petroleum Storage Tank Fund
	Gallonage Information Packet
	Commonwealth of Virginia State Water Control Board (Petroleum Storage Tank Financial Responsibility Requirements) Packet
	Reimbursement from the UST Fund for Site Cleanups
	J Unit Floor Plans
February 28, 1994	• Letter to Eldon Kurtz from McChesney Sterrett • PC 94-2388 Suspected Leaking UST
March 7, 1994	• Letter to Eldon Kurtz from Brett Woodruff of Reco • Providing on site bioremediation of petroleum contaminated soil
March 8, 1994	Renovation Permit
March 9, 1994	• Fax to R. McChesney Sterrett, Department of Environmental Quality from Eldon Kurtz • Activity Report on UST • Attached memo to file concerning Suspected UST Leak
March 14, 1994	• Letter to Eldon Kurtz from James Preston • PC 94-2388 Extension Request
	Underground Storage Tank Chart
	Virginia Water Control Board Valley Regional Office LUST Information Sheet

ASBESTOS ABATEMENT/STEAM DISTRIBUTION SYSTEM PIPING REPLACEMENTS
720-16725-02

DATE	DESCRIPTION	SENDER
12/02/2005	CHANGE ORDER #4- ROCK EXCAVATION FOR DIRECT BURY PIPE, REPAIR ADDITIONAL STEEL PIPE SUPPORTS, ETC	MICKIE JONES
11/03/2005	INVOICE 3917 - PAYMENT #7	KEN CORDO
11/01/2005	SCHEDULE OF VALUES - PAYMENT #8	
10/18/05	CHANGE ORDER #3 - ADDITIONAL SERVICES	MICKIE JONES
09/16/05	E-MAIL - ADDITIONAL THERMOCOR PIPING	MATTHEW ROSE
09/01/2005	SUBCONTRACTOR ESTIMATE FOR CHANGE ORDER	
08/23/05	INVOICE 3893 - PAYMENT #5	MATTHEW ROSE
07/27/05	INVOICE 3888 - PAYMENT #4	MATTHEW ROSE
07/13/05	PROGRESS MEETING NOTES - #6	DAVID KINCAID
07/12/05	INVOICE 3878 - PAYMENT #3	MATTHEW ROSE
06/30/05	AGENCY PURCHASE ORDER - REPAIR DUAL TEMPERATURE LINES IN BG 103	JIM SMITH
06/27/05	JOB SCHEDULE	MATTHEW ROSE
06/06/2005	LETTER OF TRANSMITTAL-ABATEMENT MANIFEST	MARSHA BRYANT
05/27/2005	SCHEDULE OF VALUES - PAYMENT #2	DAVID KINCAID
05/26/2005	CHANGE ORDER #1-ADDITIONAL SERVICES	MICKIE JONES
05/17/2005	LETTER OF TRANSMITTAL-Y TYPE STRAINER	MARSHA BRYANT
05/17/2005	LETTER OF TRANSMITTAL-INVERT BUCKET TRAP	MARSHA BRYANT
05/07/2005	GS FORM E&B CO-9	MICKIE JONES
05/04/2005	LETTER OF TRANSMITTAL - ASBESTOS ABATEMENT (APPROVED)	MARSHA BRYANT
05/02/2005	PLM BULK ASBESTOS REPORT	JOE FRANCE
04/27/2005	IPPC PROJECT SAFETY GUIDELINES	
04/27/2005	PROGRESS MEETING #1 - PIPE FITTINGS NEED TO MATCH SCHEDULE, MANHOLE A CONFIRM SUMP PUMP DISCHARGE SIZE, RELOCATING NEW MANHOLE ACCESS IN MANHOLE C, MINIMIZE TIME PIPING IS UN-INSULATED, UTILITIES BETWEEN 112 AND 121 ARE CONGESTION, TUNNEL FLOOR DIRT SAMPLE TO BE TESTED BEFORE ASBESTOS REMOVAL	DAVID KINCAID
04/14/2005	LETTER OF TRANSMITTAL-SECTION 02555 IPPC (APPROVED)	MARSHA BRYANT
04/14/2005	LETTER OF TRANSMITTAL-SECTION 15060 PIPE SLIDES AND GUIDES (APPROVED)	MARSHA BRYANT
04/14/2005	LETTER OF TRANSMITTAL-SUBMITTAL OF SCHEDULE OF VALUES (APPROVED)	MARSHA BRYANT
04/11/2005	LETTER OF TRANSMITTAL-PRE-ENGINEERED PIPING (APPROVED)	MARSHA BRYANT
04/11/2005	LETTER OF TRANSMITTAL-PIPING INSULATION (APPROVED)	MARSHA BRYANT
04/11/2005	LETTER OF TRANSMITTAL-CONSTRUCTION SCHEDULE (APPROVED)	MARSHA BRYANT
04/11/2005	LETTER OF TRANSMITTAL-CERTIFICATE OF LIABILITY INSURANCE (APPROVED)	MARSHA BRYANT
04/11/2005	LETTER OF TRANSMITTAL-SUBMITTAL SCHEDULE (APPROVED)	MARSHA BRYANT
04/11/2005	LETTER OF TRANSMITTAL-SECTION 15446 SUMP PUMPS (APPROVED AT NOTED)	MARSHA BRYANT
04/11/2005	LETTER OF TRANSMITTAL-SECTION 02555 EXPANSION JOINTS (APPROVED AT NOTED)	MARSHA BRYANT
04/11/2005	LETTER OF TRANSMITTAL-LIST OF HAZARDOUS MATERIALS (APPROVED)	MARSHA BRYANT
04/08/2005	NOTICE TO PROCEED	DAVID KINCAID
04/08/2005	SCHEDULE	MATTHEW ROSE
04/06/2005	SUBMITTAL SCHEDULE	MATTHEW ROSE

ASBESTOS ABATEMENT/STEAM DISTRIBUTION SYSTEM PIPING REPLACEMENTS
720-16725-02

DATE	DESCRIPTION	SENDER
02/22/2005	NOTICE OF AWARD TO INDUSTRIAL POWER AND PROCESS CORPORATION	MICKIE JONES
01/26/2005	APPROVAL TO AWARD PROJECT TO INDUSTRIAL POWER & PROCESS CORP	MICKIE JONES
01/13/2005	ADDENDUM #2 PERTAINING TO DRAWING R1	KINCAID/BRYANT
01/11/2005	ADDENDUM #1	DAVID KINCAID
12/03/2004	APPLICATION FOR BUILDING PERMIT	

ASBESTOS ABATEMENT-VARIOUS BUILDINGS
720-16043-15

DATE	DESCRIPTION	SENDER
02/12/2002	FORM OF AGREEMENT-REMOVE AND DISPOSE OF ASBESTOS CONTAIN CEMENT CEILING SUBSTRATE BG 113, 116, 117	WALLY MILLS
02/12/2002	FORM OF AGREEMENT-REMOVE AND DISPOSE OF ASBESTOS CONTAINING PIPE INSULATION IN BG 101, 102, 103 PIPE CHASES	WALLY MILLS
01/31/2002	FORM OF AGREEMENT	WALLY MILLS
01/28/2002	ELECTRICAL SERVICES-ESTIMATE	DAVE MITCHELL
01/25/2002	WASTE SHIPPING RECORD	DAVID HUMPHREY
01/24/2002	WASTE SHIPPING RECORD	RAUL ROMERO
12/06/2001	WASTE SHIPPING RECORD	DAVID HUMPHREY
12/05/2001	WASTE SHIPPING RECORD	BRENT CRIST
10/09/2001	AUTHORIZATION TO ACCOMPLISH TASKS LISTED	WALLY MILLS
09/28/2001	AUTHORIZATION TO ACCOMPLISH TASKS LISTED	WALLY MILLS
09/10/2001	ASBESTOS WASTE MANIFEST FOR ONGOING WSH IN BG 113	KEN CORDO
07/17/2001	AUTHORIZATION TO ACCOMPLISH TASKS LISTED	WALLY MILLS
07/02/2001	WORK ORDER TO CLEAN OUT BUILDING 116	
07/01/2001	BFI INVOICE	
06/28/2001	WORK ORDER TO CLEAN OUT BUILDING 113	
06/16/2001	FORM OF AGREEMENT-BG 116	WALLY MILLS
06/16/2001	FORM OF AGREEMENT-BG 117	WALLY MILLS
06/16/2001	FORM OF AGREEMENT-BG 116	WALLY MILLS
06/01/2001	BFI INVOICE	
05/14/2001	BUILDING PERMIT REVISED DRAWINGS AND SPECS	WALLY MILLS
04/30/2001	AUTHORIZATION TO ACCOMPLISH TASKS LISTED	WALLY MILLS
04/23/2001	AUTHORIZATION TO ACCOMPLISH TASKS LISTED	WALLY MILLS
06/10/2002	ASBESTOS WASTE MANIFEST FOR ONGOING WSH IN BG 113/116	RAUL ROMERO
06/13/2002	ASBESTOS WASTE MANIFEST FOR BG 117	RAUL ROMERO
05/30/2002	ASBESTOS WASTE MANIFEST FOR BG 117	RAUL ROMERO
04/25/2002	ASBESTOS WASTE MANIFEST FOR BG 117	RAUL ROMERO
04/03/2002	ASBESTOS WASTE MANIFEST FOR BG 117	RAUL ROMERO
03/19/2002	ASBESTOS WASTE MANIFEST FOR BG 127	RAUL ROMERO
09/30/2002	ASBESTOS WASTE MANIFESTS	KEN CORDO
11/12/2002	ASBESTOS WASTE MANIFESTS	KEN CORDO



COMMONWEALTH of VIRGINIA

Department Of Mental Health, Mental Retardation and Substance Abuse Services

.LOGG
IER

Post Office Box 1797
Richmond, Virginia 23218-1797

June 16, 2001

Telephone (804) 786-3921
Voice/TDD (804) 371-8977
www.dmhmrzas.state.va.us

ewis Stevenson
ico Services, Inc.
I. Main Street
well, Virginia 23860

Department of Mental Health, Mental Retardation
and Substance Abuse Services (DMHMRSAS)

Project Order No. **00a-ABA-006**

Project Code: 720-16043-15

Job Title: Building 116

Location: Western State Hospital
Staunton, Virginia

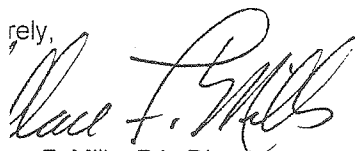
ict:	Kenneth J. Cordo, P.E.	: Mr. Jim Smith
	1220 Bank Street	: Western State Hospital
	Richmond, VA 23218	: Staunton, Virginia
	(804) 371-0314	: (804) 332-8503

Mr. Stevenson:

ordance with the "Form of Agreement", between Abateco and DMHMRSAS, you are hereby authorized
omplish tasks, listed as follows and further described in the attached quotation:
remove and dispose of asbestos-containing acoustical ceiling finish and vinyl asbestos tile along with
ssociated mastic throughout Building 116 at Western State Hospital in Staunton, Virginia. Work to be
erformed in accordance with project design by Holmes Environmental, Inc and term contract
ecifications between DMHMRSAS and Abateco.

Lump Sum

\$ 121,442.00

rely,


ce F. Mills, RA, Director
of A&E Services

Cynthia Hatch, DMHMRSAS
Jim Smith, WSH



COMMONWEALTH of VIRGINIA

Department Of Mental Health, Mental Retardation and Substance Abuse Services

.LOGG
IER

*Post Office Box 1797
Richmond, Virginia 23218-1797*

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June 16, 2001

ewis Stevenson
ico Services, Inc.
I. Main Street
well, Virginia 23860

Department of Mental Health, Mental Retardation
and Substance Abuse Services (DMHMRSAS)

Project Order No. **00a-ABA-007**

Project Code: 720-16043-15

Job Title: Building 117

Location: Western State Hospital
Staunton, Virginia

ict: Kenneth J. Cordo, P.E.
1220 Bank Street
Richmond, VA 23218
(804) 371-0314

: Mr. Jim Smith
: Western State Hospital
: Staunton, Virginia
: (804) 332-8503

Mr. Stevenson:

ordance with the "Form of Agreement", between Abateco and DMHMRSAS, you are hereby authorized
omplish tasks, listed as follows and further described in the attached quotation:
remove and dispose of asbestos-containing acoustical ceiling finish and vinyl asbestos tile along with
ssociated mastic throughout Building 117 at Western State Hospital in Staunton, Virginia. Work to be
erformed in accordance with project design by Holmes Environmental, Inc and term contract
pecifications between DMHMRSAS and Abateco.

Lump Sum

\$ 138,714.00

rely,

ce F. Mills, RA, Director
of A&E Services

Cynthia Hatch, DMHMRSAS
Jim Smith, WSH

2001024



WESTERN STATE HOSPITAL

01 APR 25 AM 8 18

COMMONWEALTH of VIRGINIA

PHYSICAL PLANT SERVICES

Department Of Mental Health, Mental Retardation and Substance Abuse Services

LOGG
IER

Post Office Box 1797
Richmond, Virginia 23218-1797
April 23, 2001

Telephone (804) 786-3921
Voice/TDD (804) 371-8977
www.dmhmrzas.state.va.us

ewis Stevenson.
eco Services, Inc.
J. Main Street
well, Virginia 23860

Department of Mental Health, Mental Retardation
and Substance Abuse Services (DMHMRSAS)

Project Order No. **00a-ABA-004**

Project Code: 720-16043-15

Job Title: Building 113

Location: Western State Hospital

act:	Kenneth J. Cordo, P.E.	: Mr. Jim Smith
	1220 Bank Street	: Western State Hospital
	Richmond, VA 23218	: Staunton, Virginia
	(804) 371-0314	: (804) 332-8503

Mr. Stevenson:

cordance with the "Form of Agreement", between Abateco and DMHMRSAS, you are hereby authorized.
omplish tasks, listed as follows and further described in the attached quotation:
remove and dispose of asbestos-containing acoustical ceiling finish and vinyl asbestos tile along with
ssociated mastic throughout Building 113 at Western State Hospital in Staunton, Virginia. Work to be
erformed in accordance with project design by Holmes Environmental, Inc and term contract
pecifications between DMHMRSAS and Abateco.

Lump Sum

\$ 115,445.00

rely,

ice F. Mills, RA, Director
a of A&E Services

Cynthia Hatch, DMHMRSAS
Jim Smith, WSH

Appendix C



SITE RECONNAISSANCE PHOTOGRAPHS



Natural Gas Feed into Western State Hospital



Location of USTs at Physical Plant Services/Materials Management Building



Stressed
Vegetation at
Western Property
Line



Fill Ports for USTs at Physical Plant Services/Materials Management Building



Fuel Pumps at Physical Plant Services/Materials Management Building



Service Bay at Physical Plant Services/Materials Management Building



SITE RECONNAISSANCE PHOTOGRAPHS



Emergency Fuel Shutoff at Physical Plant Services/Materials Management Building



Waste Fluid Containers in Physical Plant Services/Materials Management Building



Parts Wash Station in Physical Plant Services/Materials Management Building



Waste Fluid Containers in Physical Plant Services/Materials Management Building



Maintenance Fluid Storage in Physical Plant Services/Materials Management Building



Maintenance Fluid Storage Outside of Physical Plant Services/Materials Management Building



SITE RECONNAISSANCE PHOTOGRAPHS



Empty Waste Fluid Containers Outside of Physical Plant Services/Materials Management Building



Power Plant



Waste Fluid Containers Outside of Physical Plant Services/Materials Management Building



Oily Sheen on Asphalt at Waste Fluid Storage Outside of Physical Plant Services/Materials Management Building



Fuel Feed into Power Plant



Fuel Feed into Power Plant



SITE RECONNAISSANCE PHOTOGRAPHS



ASTs at Power Plant



Fill Port of ASTs at Power Plant



Standby Generator in Power Plant



Fill Port of ASTs at Power Plant



Boilers in Power Plant



Steam
Tunnel
Exiting Power
Plant



SITE RECONNAISSANCE PHOTOGRAPHS



Water Treatment Chemicals in Power Plant



Water Treatment System in Laundry



Piping in Laundry



Detergent Storage in Laundry



Typical Dumpster



Piping in Laundry



SITE RECONNAISSANCE PHOTOGRAPHS



Vegetation Killed by Round Up®



Transformer Outside of Laundry



Vegetation Killed
by Round Up®



Pipe Insulation in Physical Plant Services/Materials
Management Building



Piping in Mechanical Room of Physical Plant
Services/Materials Management Building



AST at Building 115



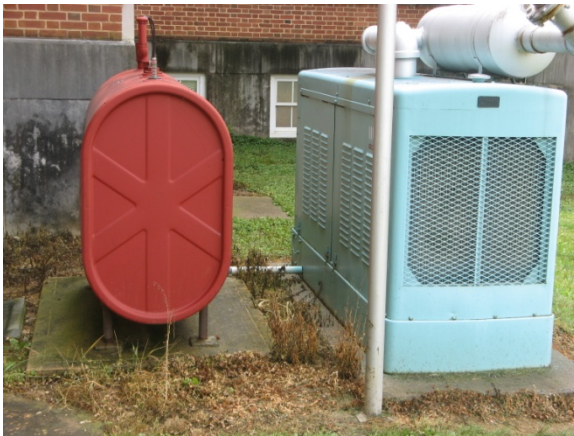
SITE RECONNAISSANCE PHOTOGRAPHS



AST at Building 115



AST at Building 103



AST at Building 101



AST at Building 103



Generator and AST at Building 118



Transformer at Building 107



SITE RECONNAISSANCE PHOTOGRAPHS



Generator and AST at Building 102



AST at Building 107



Emergency Generator at Building 122



Oxygen Storage at Building 122



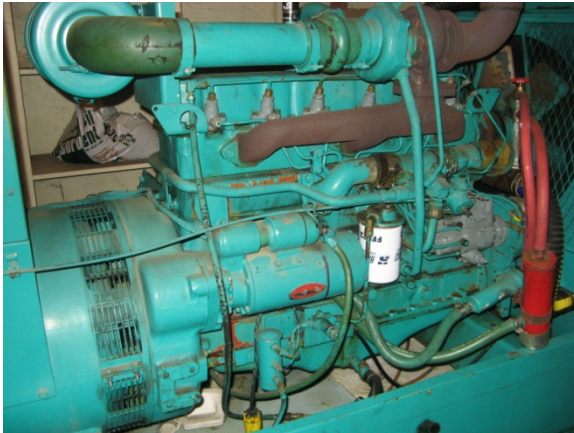
AST at Building 122



Batteries for Emergency Generator in Building 122



SITE RECONNAISSANCE PHOTOGRAPHS



Emergency Generator at Building 127



Steam Tunnel at Building 127



AST at Building 127



Emergency Generator at Building 127



Location of Former UST at Building 127



Emergency Generator at WWTP Pump Station



SITE RECONNAISSANCE PHOTOGRAPHS



Pipe Insulation in Building 127



Propane Tank at Emergency Generator at WWTP Pump Station



Emergency Overflow Tank at WWTP Pump Station



Wastewater Pump in WWTP Pump Station



Emergency Overflow at WWTP Pump Station



Emergency Overflow at WWTP Pump Station



SITE RECONNAISSANCE PHOTOGRAPHS



Wastewater Pump in WWTP Pump Station



Muffin Monster® Comminutor



Interior of WWTP Pump Station



Water Treatment Chemical Storage in WWTP Pump Station



Auger Monster®



Storage Area at WWTP Site



SITE RECONNAISSANCE PHOTOGRAPHS



Auger Monster®



Wastewater Influent Flow Channel



Paint Storage at WWTP Site



Salt Storage at WWTP Site



Storage at WWTP Site



Paint Storage at WWTP Site



SITE RECONNAISSANCE PHOTOGRAPHS



Sandblast Sand and Seed Storage at WWTP Site



Compactor at WWTP Site



Salt Storage at WWTP Site



Compactor at WWTP Site



Metal Debris on Ridge North of WWTP Site



Wood Debris on Ridge North of WWTP Site



SITE RECONNAISSANCE PHOTOGRAPHS



WWTP Pump Station



Metal Debris on Ridge North of WWTP Site



Wood and Metal Debris on Ridge North of WWTP



Wood and Metal Debris on Ridge North of WWTP



Wood and Metal Debris on Ridge North of WWTP



Wood and Metal Debris on Ridge North of WWTP



SITE RECONNAISSANCE PHOTOGRAPHS



Fill Area North of WWTP Site



Fill Area North of WWTP Site



Fill Area North of WWTP Site



Fill Area North of WWTP Site



Fill Area North of WWTP Site



Fill Area North of WWTP Site



SITE RECONNAISSANCE PHOTOGRAPHS



Fill Area North of WWTP Site



Asphalt Plant to Northwest of WSH Property



Interior of Physical Plant Services/Materials Management Building Machine Shop



Natural Gas Pipeline Crossing Northeast Corner of WSH Property



Interior of Physical Plant Services/Materials Management Building Machine Shop



Paint Storage Inside of Physical Plant Services/Materials Management Building



SITE RECONNAISSANCE PHOTOGRAPHS



Mineral Spirits Inside of Physical Plant Services/Materials Management Building Paint Shop



Paint Storage Inside of Physical Plant Services/Materials Management Building Paint Shop



Paint Storage Inside of Physical Plant Services/Materials Management Building Paint Shop



Interior of Physical Plant Services/Materials Management Building Landscaping Shop



Herbicides in Physical Plant Services/Materials Management Building Landscaping Shop



Interior of Physical Plant Services/Materials Management Building



SITE RECONNAISSANCE PHOTOGRAPHS



Freon Cylinders in Physical Plant
Services/Materials Management Building



Flammable Liquid Storage in Physical Plant
Services/Materials Management Building



Boiler Water Chemicals in Physical Plant
Services/Materials Management Building



CSX Railroad Along Southwestern Boundary



UST at State Police Fueling Station



Paint and Sealants in Wood Shop of Physical Plant
Services/Materials Management Building



SITE RECONNAISSANCE PHOTOGRAPHS



CSX Railroad Along Southwestern Boundary



CSX Railroad Along Southwestern Boundary



AST's at Augusta Farm Cooperative Bureau, Inc.



Call Tower at
State Police
Refueling Station



CSX Railroad Along Southwestern Boundary



Northern Boundary



SITE RECONNAISSANCE PHOTOGRAPHS



CSX Railroad at Frontier Drive



Northern Boundary



Massie Pond



Site from I-81



Gas Line and Power Line in Northeast Portion of Site



Site from I-81



SITE RECONNAISSANCE PHOTOGRAPHS



Site from I-81



Site Looking at Augusta Farm Cooperative Bureau



Site from I-81



Dying Maples at Entrance Road Near Building 124



Dying White Pine Between site and Augusta Farm Cooperative Bureau, Inc.

Appendix D

Staunton

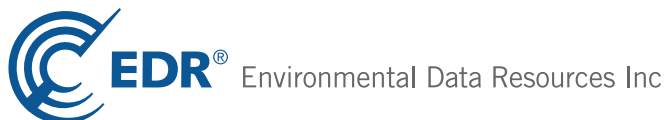
Staunton

Staunton, VA 24401

Inquiry Number: 2558458.2s

August 06, 2009

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

STAUNTON
STAUNTON, VA 24401

COORDINATES

Latitude (North):	38.137100 - 38° 8' 13.6"
Longitude (West):	79.035000 - 79° 2' 6.0"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	672212.5
UTM Y (Meters):	4222645.0
Elevation:	1402 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	38079-B1 STAUNTON, VA
Most Recent Revision:	2001

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2005, 2006
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Transporters, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Registered Petroleum Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Sites Listing

EXECUTIVE SUMMARY

INST CONTROL..... Voluntary Remediation Program Database

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Remediation Program

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site Specific Assessments

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Pollution Complaint Database

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System

EXECUTIVE SUMMARY

PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
DRYCLEANERS.....	Drycleaner List
ENF.....	Enforcement Actions Data
NPDES.....	Comprehensive Environmental Data System
AIRS.....	Permitted Airs Facility List
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Management Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Quality's Permitted Facilities list.

A review of the SWF/LF list, as provided by EDR, and dated 08/20/2008 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COMMONWEALTH CENTER FOR CHILDR	1355 RICHMOND RD	SSW 1/4 - 1/2 (0.485 mi.)	A3	9

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Database.

A review of the LUST list, as provided by EDR, and dated 05/18/2004 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SVEC Facility Status: Closed	1209 RICHMOND AVENUE	SW 1/4 - 1/2 (0.457 mi.)	2	8
SHEETZ 302 Facility Status: Closed Facility Status: Closed <i>*Additional key fields are available in the Map Findings section</i>	1250 RICHMOND RD	SSW 1/4 - 1/2 (0.495 mi.)	A4	10

LTANKS: The Leaking Tanks Database contains current Leaking petroleum tanks. The data comes from the Department of Environmental Quality.

A review of the LTANKS list, as provided by EDR, and dated 06/02/2009 has revealed that there are 3 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SVEC Facility Status: Closed	1209 RICHMOND AVENUE	SW 1/4 - 1/2 (0.457 mi.)	2	8
SHEETZ 302 Facility Status: Closed	1250 RICHMOND RD	SSW 1/4 - 1/2 (0.495 mi.)	A4	10
SHEETZ #302 Facility Status: Closed	1250 RICHMOND RD	SSW 1/4 - 1/2 (0.495 mi.)	A5	11

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Underground Storage Tank Data Notification Information.

A review of the UST list, as provided by EDR, and dated 06/02/2009 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

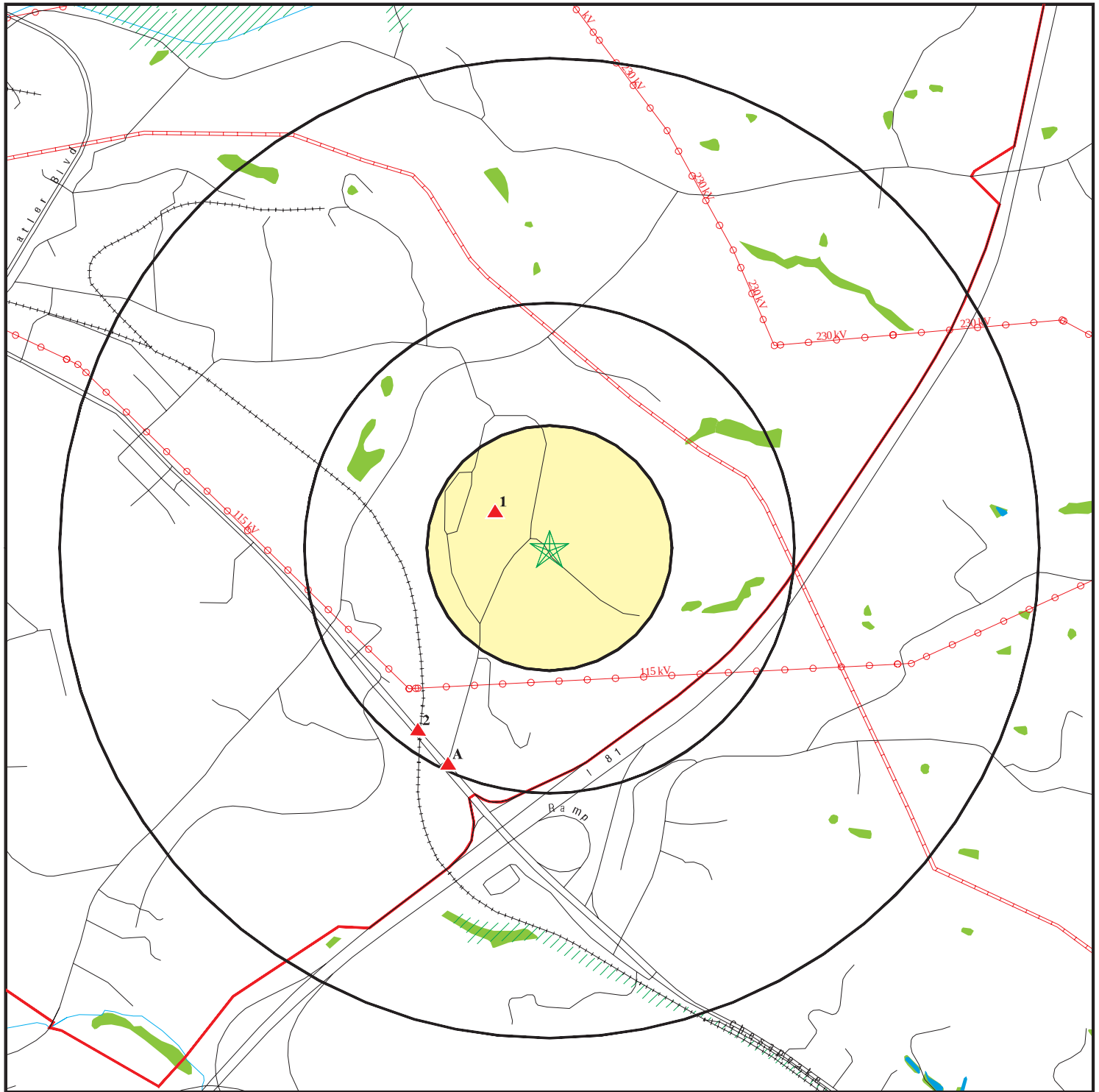
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTERCHANGE OIL	RTE 250	NW 1/8 - 1/4 (0.134 mi.)	1	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
HEINRICH FARM	CERC-NFRAP
TUTTLE PROPERTY	LUST, LTANKS
FORSYTHE RENTAL PROPERTY	LUST, LTANKS
WAYSIDE MARKET	LUST, LTANKS
SHENANDOAH RECYCLING	LUST, LTANKS
CHARLES DUNMORE RESIDENCE	LUST, LTANKS
NORMAN CASON WELL	LUST, LTANKS
GIRDLER-PATTERSON	LUST, LTANKS
ANNEX GROCERY WELL	LUST, LTANKS
JARVIS RESIDENCE	LUST, LTANKS
MYRTLE COINER RESIDENCE	LUST, LTANKS
AUGUSTA PETROLEUM CO-OP	LUST, LTANKS
PEELER OIL SHELL	LUST, LTANKS
MINT SPRINGS PIT STOP	UST
BEVERLEY MANOR ELEMENTARY SCHOOL	UST
LAMOND OLDS CADILLAC	UST
SIMMONS PARTS	UST
BELL ATLANTIC	UST
STAUNTON GULF	UST
OBENCHAIN & CO INC	UST
JOSEPH E. FURR HAULING	UST
L.R. SHULL & SON	UST
S&D GROCERY	UST
COUNTRY CLUB OF STAUNTON INC	UST
SHENANDOAH RECYCLING, INC	UST
F.C. NUTTY	UST
WEAVER JAMES E	UST
DRIVER BROTHERS INC	UST
FITZGERALD GAS & OIL	UST
GIRDLER--PATTERSON	UST
RUSSELL G MAYS	UST
FITZGERALD GAS & OIL	UST
ANNEX GROCERY	UST
E.E. TANNEHILL	UST
A.C. DILLON CONTRACTOR INC	UST
COBBLERS CORNER CONVENIENCE STORE	UST
AUGUSTA PETROLEUM COOPERATIVE	UST, AST
B&S CONTRACTING - DRAFT PLANT	AST

OVERVIEW MAP - 2558458.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory

0 1/4 1/2 1 Miles

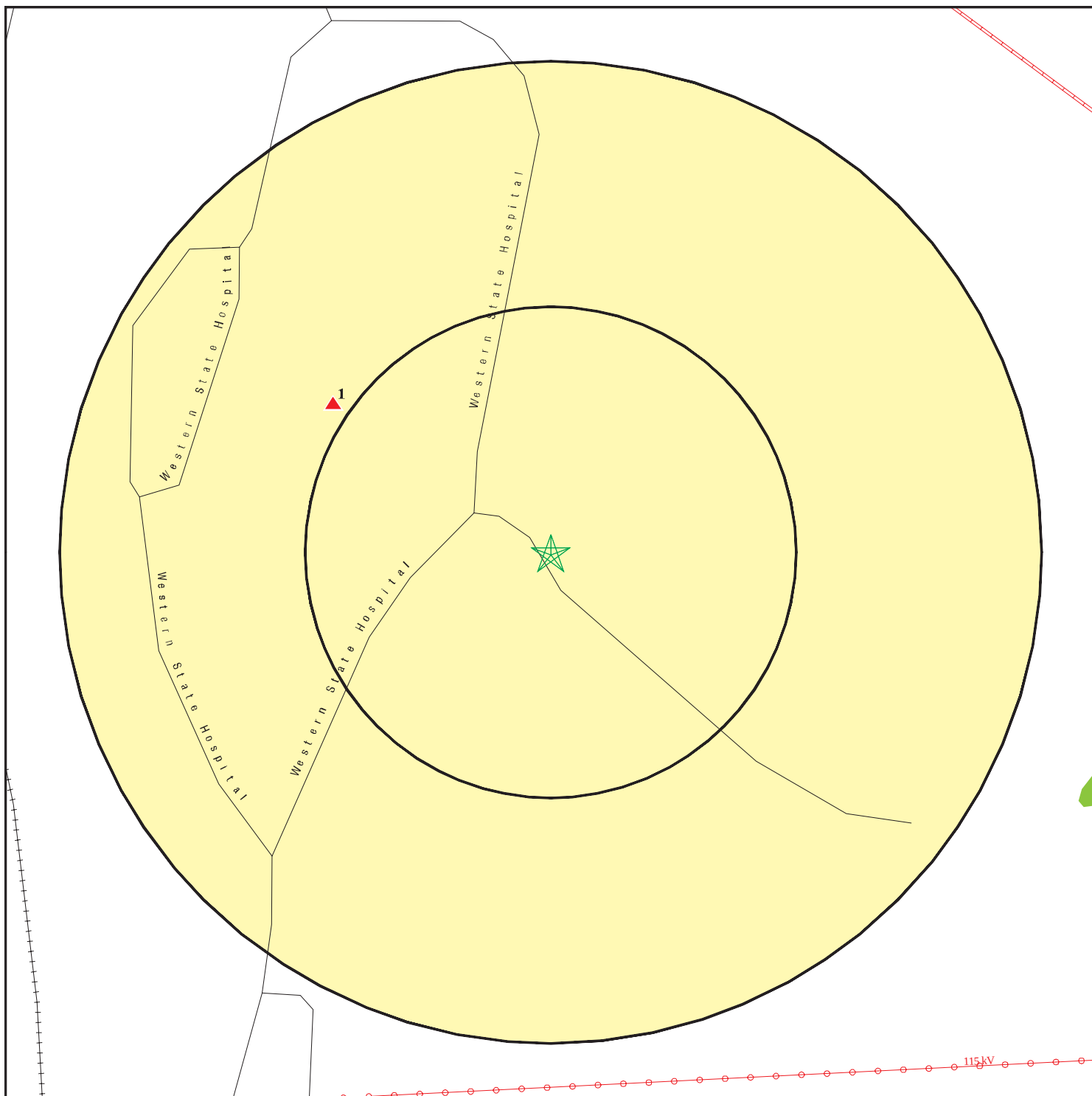


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Staunton
 ADDRESS: Staunton
 Staunton VA 24401
 LAT/LONG: 38.1371 / 79.0350

CLIENT: Tim Wagner
 CONTACT: Dan Sutton
 INQUIRY #: 2558458.2s
 DATE: August 06, 2009 10:26 am

DETAIL MAP - 2558458.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

⚙ Manufactured Gas Plants

⚡ Sensitive Receptors

🏠 National Priority List Sites

🏠 Dept. Defense Sites

🏠 Indian Reservations BIA

⚡ Power transmission lines

⚡ Oil & Gas pipelines

🌊 100-year flood zone

🌊 500-year flood zone

🌊 National Wetland Inventory

0 1/16 1/8 1/4 Miles



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Staunton
ADDRESS: Staunton
Staunton VA 24401
LAT/LONG: 38.1371 / 79.0350

CLIENT: Tim Wagner
CONTACT: Dan Sutton
INQUIRY #: 2558458.2s
DATE: August 06, 2009 10:26 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		N/A	N/A	N/A	N/A	N/A	N/A	N/A
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	1	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	0	2	NR	NR	2
LTANKS		0.500	0	0	3	NR	NR	3
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	0	1	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
ENF		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
NW
1/8-1/4
0.134 mi.
710 ft.

INTERCHANGE OIL
RTE 250
STAUNTON, VA 24401

UST **U003694860**
N/A

Relative:
Higher

UST:

Facility:

Actual:
1410 ft.

Facility Id: 6016230
CEDS Facility ID: 200000069528
Facility Type: PETROLEUM DISTRIBUTOR

UST:

Facility Id: 6016230
Owner Id: 32389
Owner Name: Dixie Gas and Oil Corporation
Owner Address: 229 Lee Hwy
Owner Address2: Not reported
Owner City, State, Zip: Verona, VA 24482
UST Status: Not reported
AST Status: Not reported

Federally Regulated: Yes

Tank Number: 1
Tank Capacity: 550
Tank Contents: UNKNOWN
Tank Status: REM FROM GRD
Tank Type: UST

Tank Material:

Tank Type: UST
Fac Id: 6016230
Own Id: 32389
Tank Number: 1
Install Date: Not reported
Tank Status: REM FROM GRD
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel N
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite N
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner Y
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other N
Tank Materials: Other Note Not reported

Release:

Tank Type: UST
Fac Id: 6016230
Own Id: 32389
Tank Number: 1
Install Date: Not reported
Tank Status: REM FROM GRD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERCHANGE OIL (Continued)

U003694860

Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	N
Tank Release Detection: Spill Install	N
Tank Release Detection: Overfill Install	N
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	N
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	N
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	N
Pipe Release Det: Interior Double Walled	N
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	6016230
Own Id:	32389
Tank Number:	1
Install Date:	Not reported
Tank Status:	REM FROM GRD
Pipe Type:	UNKNOWN
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	Y
Pipe Materials: Other	N
Pipe Materials: Other Note	Not reported

2
SW
1/4-1/2
0.457 mi.
2411 ft.

SVEC
1209 RICHMOND AVENUE
STAUNTON, VA

LUST
LTANKS
S103302839
N/A

Relative:
Higher

LUST:

Region:	Valley
Facility Status:	Closed
Release Status:	Confirmed
Pollution Complaint #:	19954699
Program:	RP Lead

Actual:
1406 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SVEC (Continued)

S103302839

Case Mgr Last Name: Mullen
Contact Name: Shenandoah Valley Electric Coop
Contact Address: Box 236
Contact City: Mount Crawford
Contact State: VA
Contact Zip: Not reported
Contact Telephone: Not reported

LTANKS:

CEDS Facility Id: 200000070908
Case Status: **Closed**
Pollution Complaint #: 19954699
Reported: 01-Feb-1995

A3
SSW
1/4-1/2
0.485 mi.
2562 ft.

COMMONWEALTH CENTER FOR CHILDREN & ADOLESCENTS
1355 RICHMOND RD
STAUNTON, VA 24401
Site 1 of 3 in cluster A

FINDS **1008164287**
SWF/LF **N/A**

Relative:
Equal

FINDS:

Registry ID: 110020676972

Actual:
1402 ft.

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AFS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CEDS (Virginia - Comprehensive Environmental Data System) is the Department of Environmental Quality's (DEQ) electronic data system for maintaining databases on sources of pollutants in all media.

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

SWF/LF:

envid: Not reported
Permit Number: PBR399
Unit Name: RMW Storage Facility [SW]
Unit Status Code: Closed
Deq Region: Valley Regional Office
Mailing Address: PO Box 4000
Mailing Address 2: Not reported
Mailing Address 3: Not reported
Mailing City,St,Zip: Staunton, VA 24402 4000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMONWEALTH CENTER FOR CHILDREN & ADOLESCENTS (Continued)

1008164287

Facility Tele: Not reported
Lat/Long (dms): 38 7 49 / -79 2 15
Owner Name: DEJARNETTE CENTER
Operator Name: DMHMRSAS-Commonwealth Center for Children and Adol
Permit Number: PBR399
Unit Description: DeJarnette Center
FIC Description: Augusta County
Permit Event Desc: PBR Facility Date of Final Closure
Permit Event Complete Date: 19-Jun-02
Permit Number: PBR399
Unit Description: DeJarnette Center
FIC Description: Cecil County, MD
Permit Event Desc: PBR Facility Date of Final Closure
Permit Event Complete Date: 19-Jun-02
Permit Number: PBR399
Unit Description: DeJarnette Center
FIC Description: Cecil County, MD
Permit Event Desc: Permit issued
Permit Event Complete Date: 01-Jan-96
Permit Number: PBR399
Unit Description: DeJarnette Center
FIC Description: Augusta County
Permit Event Desc: Permit issued
Permit Event Complete Date: 01-Jan-96

A4
SSW
1/4-1/2
0.495 mi.
2614 ft.

SHEETZ 302
1250 RICHMOND RD
STAUNTON, VA
Site 2 of 3 in cluster A

LUST **S105566648**
LTANKS **N/A**

Relative:
Higher

LUST:

Actual:
1406 ft.

Region: Valley
Facility Status: Closed
Release Status: Confirmed
Pollution Complaint #: 20056067
Program: RP Lead
Case Mgr Last Name: Pitsenberger
Contact Name: Sheetz Incorporated
Contact Address: 5700 Sixth Ave
Contact City: Altoona
Contact State: PA
Contact Zip: 16602
Contact Telephone: 8149463617

Region: Valley
Facility Status: Closed
Release Status: Suspected
Pollution Complaint #: 20056148
Program: RP Lead
Case Mgr Last Name: Pitsenberger
Contact Name: Sheetz Incorporated
Contact Address: 5700 Sixth Ave
Contact City: Altoona
Contact State: PA
Contact Zip: 16602
Contact Telephone: 8149463611

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEETZ 302 (Continued)

S105566648

Region: Valley
Facility Status: Closed
Release Status: Suspected
Pollution Complaint #: 20026116
Program: RP Lead
Case Mgr Last Name: Clark
Contact Name: Sheetz Incorporated
Contact Address: 5700 Sixth Ave
Contact City: Altoona
Contact State: PA
Contact Zip: 16602
Contact Telephone: 8149463617

Region: Valley
Facility Status: Closed
Release Status: Confirmed
Pollution Complaint #: 20096065
Program: RP Lead
Case Mgr Last Name: Fitt
Contact Name: Sheetz Incorporated
Contact Address: 5700 Sixth Ave
Contact City: Altoona
Contact State: PA
Contact Zip: 16602
Contact Telephone: 8149463611

LTANKS:

CEDS Facility Id: 200000200425
Case Status: Closed
Pollution Complaint #: 20056067
Reported: 08-Dec-2004

A5
SSW
1/4-1/2
0.495 mi.
2614 ft.
SHEETZ #302
1250 RICHMOND RD
STAUNTON, VA 24402
Site 3 of 3 in cluster A

UST **U003769959**
LTANKS **N/A**

Relative:
Higher

UST:

Actual:
1406 ft.

Facility:

Facility Id: 6037785
CEDS Facility ID: 200000200425
Facility Type: GAS STATION

UST:

Facility Id: 6037785
Owner Id: 31528
Owner Name: Sheetz Incorporated
Owner Address: 5700 Sixth Ave
Owner Address2: Not reported
Owner City, State, Zip: Altoona, PA 16602
UST Status: Reg
AST Status: Not reported

Federally Regulated: Yes

Tank Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEETZ #302 (Continued)

U003769959

Tank Capacity:	15000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST
Tank Material:	
Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	1
Install Date:	01-Feb-2001
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	Y
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	Y
Tank Materials: Other Note	ACT100U

Release:	
Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	1
Install Date:	01-Feb-2001
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	Y
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	Y
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	Y
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEETZ #302 (Continued)

U003769959

Pipe Material:

Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	1
Install Date:	01-Feb-2001
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	Y
Pipe Materials: Other Note	Geo-Flex D

Tank Number:	2
Tank Capacity:	15000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	2
Install Date:	01-Feb-2001
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	Y
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	Y
Tank Materials: Other Note	ACT100U

Release:

Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	2
Install Date:	01-Feb-2001
Tank Status:	CURR IN USE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEETZ #302 (Continued)

U003769959

Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	Y
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	Y
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	Y
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	2
Install Date:	01-Feb-2001
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	Y
Pipe Materials: Other Note	Geo-Flex D

Tank Number:	3
Tank Capacity:	15000
Tank Contents:	GASOLINE
Tank Status:	CURR IN USE
Tank Type:	UST

Tank Material:

Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEETZ #302 (Continued)

U003769959

Install Date:	01-Feb-2001
Tank Status:	CURR IN USE
Tank Materials: Bare Steel	N
Tank Materials: Cath Protect Steel	N
Tank Materials: Epoxy Steel	N
Tank Materials: Fiberglass	N
Tank Materials: Concrete	N
Tank Materials: Composite	Y
Tank Materials: Double Walled	N
Tank Materials: Lined Interior	N
Tank Materials: Excav Liner	N
Tank Materials: Insulated Tank Jacket	N
Tank Materials: Repaired	N
Tank Materials: Unknown	N
Tank Materials: Other	Y
Tank Materials: Other Note	ACT100U

Release:	
Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	3
Install Date:	01-Feb-2001
Tank Status:	CURR IN USE
Tank Release Detection: Leak Deferred	N
Tank Release Detection: Manual Gauge	N
Tank Release Detection: Autogauge	N
Tank Release Detection: Tank Tightness	N
Tank Release Detection: Vapor Monitor	N
Tank Release Detection: Inventory	N
Tank Release Detection: Stat Invent Recon	Y
Tank Release Detection: Spill Install	Y
Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	Y
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	Y
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:	
Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	3
Install Date:	01-Feb-2001
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEETZ #302 (Continued)

U003769959

Pipe Materials: Bare Steel N
Pipe Materials: Galvanized Steel N
Pipe Materials: Copper N
Pipe Materials: Fiberglass N
Pipe Materials: Cath Protect N
Pipe Materials: Double Walled N
Pipe Materials: Secondary Containment N
Pipe Materials: Repaired N
Pipe Materials: Unknown N
Pipe Materials: Other Y
Pipe Materials: Other Note Geo-Flex D

Tank Number: 4
Tank Capacity: 6000
Tank Contents: KEROSENE
Tank Status: CURR IN USE
Tank Type: UST

Tank Material:
Tank Type: UST
Fac Id: 6037785
Own Id: 31528
Tank Number: 4
Install Date: 01-Feb-2001
Tank Status: CURR IN USE
Tank Materials: Bare Steel N
Tank Materials: Cath Protect Steel N
Tank Materials: Epoxy Steel N
Tank Materials: Fiberglass N
Tank Materials: Concrete N
Tank Materials: Composite Y
Tank Materials: Double Walled N
Tank Materials: Lined Interior N
Tank Materials: Excav Liner N
Tank Materials: Insulated Tank Jacket N
Tank Materials: Repaired N
Tank Materials: Unknown N
Tank Materials: Other Y
Tank Materials: Other Note ACT100U

Release:
Tank Type: UST
Fac Id: 6037785
Own Id: 31528
Tank Number: 4
Install Date: 01-Feb-2001
Tank Status: CURR IN USE
Tank Release Detection: Leak Deferred N
Tank Release Detection: Manual Gauge N
Tank Release Detection: Autogauge N
Tank Release Detection: Tank Tightness N
Tank Release Detection: Vapor Monitor N
Tank Release Detection: Inventory N
Tank Release Detection: Stat Invent Recon Y
Tank Release Detection: Spill Install Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEETZ #302 (Continued)

U003769959

Tank Release Detection: Overfill Install	Y
Tank Release Detection: Groundwater	N
Tank Release Det: Int Secondary Containment	N
Tank Release Detection: Int Double Walled	N
Tank Release Detection: Other Method	N
Tank Release Detection: Other Note	Not reported
Pipe Release Detection: Leak Deferred	Not reported
Pipe Release Detection: Autoleak	Y
Pipe Release Detection: Line Tightness	N
Pipe Release Detection: Stat Invent Recon	Y
Pipe Release Detection: Groundwater	N
Pipe Release Det: Int Secondary Containment	Y
Pipe Release Det: Interior Double Walled	Y
Pipe Release Detection: Other Method	N
Pipe Release Detection: Other Note	Not reported

Pipe Material:

Tank Type:	UST
Fac Id:	6037785
Own Id:	31528
Tank Number:	4
Install Date:	01-Feb-2001
Tank Status:	CURR IN USE
Pipe Type:	PRESSURE
Pipe Materials: Bare Steel	N
Pipe Materials: Galvanized Steel	N
Pipe Materials: Copper	N
Pipe Materials: Fiberglass	N
Pipe Materials: Cath Protect	N
Pipe Materials: Double Walled	N
Pipe Materials: Secondary Containment	N
Pipe Materials: Repaired	N
Pipe Materials: Unknown	N
Pipe Materials: Other	Y
Pipe Materials: Other Note	Geo-Flex D

LTANKS:

CEDS Facility Id:	200000200425
Case Status:	Closed
Pollution Complaint #:	20096065
Reported:	16-Dec-2008

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MINT SPRINGS	U003695571	MINT SPRINGS PIT STOP	RTE 654 AND I-81	24401	UST
STAUNTON	U003693830	BEVERLEY MANOR ELEMENTARY SCHOOL	RTE 1 BOX 5	24401	UST
STAUNTON	S104408812	TUTTLE PROPERTY	ROUTE 10	24401	LUST, LTANKS
STAUNTON	S104408803	FORSYTHE RENTAL PROPERTY	ROUTE 10, BOX 466C	24401	LUST, LTANKS
STAUNTON	U003694854	LAMOND OLDS CADILLAC	HWY 11	24401	UST
STAUNTON	U003695057	SIMMONS PARTS	ROUTE 11 SOUTH	24401	UST
STAUNTON	U003917641	BELL ATLANTIC	RTE 11 & 647	24401	UST
STAUNTON	U003694747	STAUNTON GULF	ROUTE 250 AND BEVERLY STREET	24401	UST
STAUNTON	U003695052	OBENCHAIN & CO INC	RTE 250 E	24401	UST
STAUNTON	U003695066	JOSEPH E. FURR HAULING	RTE 252 S PO BOX 2554	24401	UST
STAUNTON	1003866144	HEINRICH FARM	RTE 254 & INTERSTATE 81	24401	CERC-NFRAP
STAUNTON	S104408175	WAYSIDE MARKET	RTE 254 WEST	24401	LUST, LTANKS
STAUNTON	U003693795	L.R. SHULL & SON	RTE 254 W	24401	UST
STAUNTON	U003694983	S&D GROCERY	RTE 254 WEST	24401	UST
STAUNTON	U003695522	COUNTRY CLUB OF STAUNTON INC	RTE 275	24401	UST
STAUNTON	S104408210	SHENANDOAH RECYCLING	ROUTE 3 BOX 452	24401	LUST, LTANKS
STAUNTON	S107472259	CHARLES DUNMORE RESIDENCE	RTE 3	24401	LUST, LTANKS
STAUNTON	U003693879	SHENANDOAH RECYCLING, INC	ROUTE 3 BOX 452	24401	UST
STAUNTON	U003693253	F.C. NUTTY	RTE 4 BOX 43	24401	UST
STAUNTON	U003695384	WEAVER JAMES E	RTE 5 BOX 111	24401	UST
STAUNTON	U003693854	DRIVER BROTHERS INC	RTE 6 BOX 486C	24401	UST
STAUNTON	U003694920	FITZGERALD GAS & OIL	RTE 612 & 11	24401	UST
STAUNTON	S107615184	NORMAN CASON WELL	RTE 613		LUST, LTANKS
STAUNTON	S105986245	GIRDLER-PATTERSON	RTE 635	24401	LUST, LTANKS
STAUNTON	U003695782	GIRDLER--PATTERSON	RTE 635	24401	UST
STAUNTON	U003693388	RUSSELL G MAYS	RTE 637	24401	UST
STAUNTON	S105299492	ANNEX GROCERY WELL	ROUTE 792 / 254	24401	LUST, LTANKS
STAUNTON	U003694921	FITZGERALD GAS & OIL	RTE 792	24401	UST
STAUNTON	U003695769	ANNEX GROCERY	ROUTE 792 AND 254	24401	UST
STAUNTON	U003693252	E.E. TANNEHILL	RTE 810	24401	UST
STAUNTON	U003694845	A.C. DILLON CONTRACTOR INC	RTE 9 BOX 481	24401	UST
STAUNTON	S104408273	JARVIS RESIDENCE	RTE B BOX 121A	24401	LUST, LTANKS
STAUNTON	U003695228	COBBLERS CORNER CONVENIENCE STORE	RTE B BOX 121A	24401	UST
STAUNTON	S108992362	MYRTLE COINER RESIDENCE	350 FRONTIER DR	24401	LUST, LTANKS
STAUNTON	S106850433	AUGUSTA PETROLEUM CO-OP	650 LEE JACKSON HWY	24401	LUST, LTANKS
STAUNTON	U003988730	AUGUSTA PETROLEUM COOPERATIVE	650 LEE JACKSON HWY	24401	UST, AST
STUARTS DRAFT	A100143083	B&S CONTRACTING - DRAFT PLANT	RTE 608	24401	AST
VERONA	S105684239	PEELER OIL SHELL	RTE 11 / RTE 612	24401	LUST, LTANKS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 02/02/2009	Source: EPA
Date Data Arrived at EDR: 02/12/2009	Telephone: N/A
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 07/31/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/23/2009	Source: EPA
Date Data Arrived at EDR: 04/28/2009	Telephone: N/A
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 07/31/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/02/2009	Source: EPA
Date Data Arrived at EDR: 02/12/2009	Telephone: N/A
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 07/31/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2009	Source: EPA
Date Data Arrived at EDR: 01/30/2009	Telephone: 703-412-9810
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 07/14/2009
Number of Days to Update: 101	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 06/15/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2009	Source: EPA
Date Data Arrived at EDR: 04/02/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 06/01/2009
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/31/2009
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/30/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 109

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/21/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of Environmental Quality
Telephone: 804-698-4236
Last EDR Contact: 07/13/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: N/A

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Management Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/20/2008
Date Data Arrived at EDR: 08/21/2008
Date Made Active in Reports: 09/05/2008
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 804-698-4238
Last EDR Contact: 07/28/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG WC: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Alleghany, Bedford, Botetourt, Craig, Floyd, Franklin, Giles, Henry, Montgomery, Patrick, Pulaski, Roanoke; cities of Bedford, Clifton Forge, Covington, Martinsville, Radford, Roanoke, Salem.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/24/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 20

Source: Department of Environmental Quality West Central Regional Office
Telephone: 540-562-6700
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: No Update Planned

LUST REG VA: Leaking Underground Storage Tank List

Leaking underground storage tank site locations. Includes: counties of Albemarle, Augusta, Bath, Clarke, Fluvanna, Frederick, Greene, Highland, Nelson, Page, Rockbridge, Rockingham, Shenandoah, Warren; cities of Buena Vista, Charlottesville, Harrisonburg, Lexington, Staunton, Waynesboro, Winchester.

Date of Government Version: 06/24/2009
Date Data Arrived at EDR: 06/25/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 26

Source: Department of Environmental Quality Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: No Update Planned

LUST REG TD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Accomack, Isle of Wight, James City, Northampton, Southampton, York; cities of Chesapeake, Franklin, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, Williamsburg.

Date of Government Version: 07/07/2009
Date Data Arrived at EDR: 07/10/2009
Date Made Active in Reports: 07/30/2009
Number of Days to Update: 20

Source: Department of Environmental Quality Tidewater Regional Office
Telephone: 757-518-2198
Last EDR Contact: 07/06/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Quarterly

LUST REG SW: Leaking Underground Storage Tank Database

Leaking underground storage tank site locations. Includes: counties of Bland, Buchanan, Carroll, Dickenson, Grayson, Lee, Russell, Scott, Smyth, Tazewell, Washington, Wise, Wythe; cities of Bristol, Galax, Norton.

Date of Government Version: 05/06/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 12

Source: Department of Environmental Quality Southwest Regional Office
Telephone: 276-676-4800
Last EDR Contact: 08/03/2009
Next Scheduled EDR Contact: 11/02/2009
Data Release Frequency: No Update Planned

LUST REG PD: Leaking Underground Storage Tank Sites

Leaking underground storage tank site locations. Includes: counties of Amelia, Brunswick, Charles City, Chesterfield, Dinwiddie, Essex, Gloucester, Goochland, Greenville, Hanover, Henrico, King and Queen, King William, Lancaster, Mathews, Middlesex, New Kent, Northumberland, Powhatan, Prince George, Richmond, Surry, Sussex, Westmoreland; cities of Colonial Heights, Emporia, Hopewell, Petersburg.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 06/25/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 26

Source: Department of Environmental Quality Piedmont Regional Office
Telephone: 804-527-5020
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Quarterly

LUST REG NO: Leaking Underground Storage Tank Tracking Database

Leaking underground storage tank site locations. Includes: counties of Arlington, Caroline, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Madison, Orange, Prince William, Rappahannock, Spotsylvania, Stafford; cities of Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, Manassas Park.

Date of Government Version: 05/18/2004
Date Data Arrived at EDR: 05/22/2004
Date Made Active in Reports: 07/09/2004
Number of Days to Update: 48

Source: Department of Environmental Quality Northern Regional Office
Telephone: 703-583-3800
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG SC: Leaking Underground Storage Tanks

Leaking underground storage tank site locations. Includes: counties of Amherst, Appomattox, Buckingham, Campbell, Charlotte, Cumberland, Halifax, Lunenburg, Mecklenburg, Nottoway, Pittsylvania, Prince Deward; cities of Danville, Lynchburg.

Date of Government Version: 06/25/2009
Date Data Arrived at EDR: 06/25/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 26

Source: Department of Environmental Quality, South Central Region
Telephone: 434-582-5120
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Semi-Annually

LTANKS: Leaking Petroleum Storage Tanks

Includes releases of petroleum from underground storage tanks and aboveground storage tanks.

Date of Government Version: 06/02/2009
Date Data Arrived at EDR: 06/25/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: Please call the
Last EDR Contact: 06/25/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/24/2009
Date Data Arrived at EDR: 03/03/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/20/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 9

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 14

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/15/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2008	Telephone: 415-972-3372
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/04/2009	Source: EPA Region 10
Date Data Arrived at EDR: 06/05/2009	Telephone: 206-553-2857
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Registered Petroleum Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 06/02/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/25/2009	Telephone: 804-527-5249
Date Made Active in Reports: 07/24/2009	Last EDR Contact: 06/25/2009
Number of Days to Update: 29	Next Scheduled EDR Contact: 09/21/2009
	Data Release Frequency: Semi-Annually

AST: Registered Petroleum Storage Tanks Registered Aboveground Storage Tanks.

Date of Government Version: 06/02/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/25/2009	Telephone: 804-698-4317
Date Made Active in Reports: 07/24/2009	Last EDR Contact: 06/25/2009
Number of Days to Update: 29	Next Scheduled EDR Contact: 09/21/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/20/2009	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2009	Telephone: 214-665-7591
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008	Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008	Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 05/17/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 06/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009	Telephone: 303-312-6137
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 06/04/2009	Source: EPA Region 10
Date Data Arrived at EDR: 06/05/2009	Telephone: 206-553-2857
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/15/2008	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2008	Telephone: 415-972-3368
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Sites Listing

A listing of sites with Engineering Controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 04/24/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/24/2009	Telephone: 804-698-4228
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 07/21/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Quarterly

INST CONTROL: Voluntary Remediation Program Database

Sites included in the Voluntary Remediation Program database that have deed restrictions.

Date of Government Version: 04/24/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/24/2009	Telephone: 804-698-4228
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 07/21/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Varies

VRP: Voluntary Remediation Program

The Voluntary Cleanup Program encourages owners of elected contaminated sites to take the initiative and conduct voluntary cleanups that meet state environmental standards.

Date of Government Version: 04/24/2009	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/24/2009	Telephone: 804-698-4228
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 07/21/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 10/19/2009
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site Specific Assessments

To qualify for Brownfields Assessment, the site must meet the Federal definition of a Brownfields and should have contaminant issues that need to be addressed and a redevelopment plan supported by the local government and community. Virginia's Department of Environmental Quality performs brownfields assessments under a cooperative agreement with the U.S. Environmental Protection Agency at no cost to communities, property owners or, prospective purchasers. The assessment is an evaluation of environmental impacts caused by previous site uses similar to a Phase II Environmental Assessment.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/29/2009
Date Data Arrived at EDR: 06/29/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 804-698-4207
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 07/14/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 07/13/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/01/2008	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 10/31/2008	Telephone: 202-307-1000
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 03/26/2009
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/29/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2009	Telephone: 202-564-6023
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 05/18/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/08/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/31/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-366-4555
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 07/16/2009
Number of Days to Update: 43	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Annually

SPILLS TD: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 06/23/2009	Source: Department of Environmental Quality, Tidewater Region
Date Data Arrived at EDR: 07/01/2009	Telephone: 757-518-2177
Date Made Active in Reports: 07/21/2009	Last EDR Contact: 06/22/2009
Number of Days to Update: 20	Next Scheduled EDR Contact: 09/21/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS SW: Reportable Spills

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 05/06/2009
Date Data Arrived at EDR: 05/06/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 13

Source: Department of Environmental Quality, Southwest Region
Telephone: 276-676-4839
Last EDR Contact: 08/03/2009
Next Scheduled EDR Contact: 11/02/2009
Data Release Frequency: No Update Planned

SPILLS PD: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 06/08/2009
Date Data Arrived at EDR: 06/10/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 41

Source: Department of Environmental Quality, Piedmont Region
Telephone: 804-527-5020
Last EDR Contact: 07/30/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Quarterly

SPILLS BRL: Prep/Spills Database Listing

A listing of spills locations located in the Blue Ridge Regional area, Lynchburg.

Date of Government Version: 06/12/2009
Date Data Arrived at EDR: 06/18/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 33

Source: DEQ, Blue Ridge Regional Office
Telephone: 434-582-6218
Last EDR Contact: 06/18/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Varies

SPILLS: Pollution Complaint Database

Pollution Complaints Database. The pollution reports contained in the PC database include the initial release reporting of Leaking Underground Storage Tanks and all other releases of petroleum to the environment as well as releases to state waters. The database is current through 12/1/93. Since that time, all spill and pollution reporting information has been collected and tracked through the DEQ regional offices.

Date of Government Version: 06/01/1996
Date Data Arrived at EDR: 10/22/1996
Date Made Active in Reports: 11/21/1996
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 804-698-4297
Last EDR Contact: 09/25/1996
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS NO: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 06/24/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 20

Source: Department of Environmental Quality, Northern Region
Telephone: 703-583-3864
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: No Update Planned

SPILLS WC: Prep Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 06/24/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 20

Source: Department of Environmental Quality, West Central Region
Telephone: 540-562-6700
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS VA: PREP Database

The Department of Environmental Quality's POLLUTION RESPONSE PROGRAM, known as PREP, provides for responses to air, water, and waste pollution incidents in order to protect human health and the environment.

Date of Government Version: 06/11/2009
Date Data Arrived at EDR: 06/17/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 34

Source: Department of Environmental Quality, Valley Regional Office
Telephone: 540-574-7800
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 07/23/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/01/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 01/27/2009
Date Data Arrived at EDR: 04/23/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 18

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/20/2009
Next Scheduled EDR Contact: 10/19/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/23/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/31/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 03/24/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/23/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 04/09/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/16/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/14/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 06/15/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/14/2009
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 03/14/2008	Telephone: 202-564-4203
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 07/14/2009
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 03/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/20/2009	Telephone: 202-564-5088
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 07/13/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/12/2009
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/26/2009	Source: EPA
Date Data Arrived at EDR: 05/20/2009	Telephone: 202-566-0500
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 08/05/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/02/2009
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/02/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/24/2009	Telephone: 301-415-7169
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 06/29/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/28/2009
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/28/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/29/2009	Telephone: 202-343-9775
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 07/28/2009
Number of Days to Update: 12	Next Scheduled EDR Contact: 10/26/2009
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/28/2009	Source: EPA
Date Data Arrived at EDR: 05/01/2009	Telephone: (215) 814-5000
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 06/29/2009
Number of Days to Update: 18	Next Scheduled EDR Contact: 09/28/2009
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Biennially

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 04/14/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 804-698-4407
Last EDR Contact: 07/13/2009
Next Scheduled EDR Contact: 10/12/2009
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Actions Data

A listing of enforcement actions.

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/30/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 804-698-4031
Last EDR Contact: 08/04/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Varies

CEDS: Comprehensive Environmental Data System

Virginia Water Protection Permits, Virginia Pollution Discharge System (point discharge) permits and Virginia Pollution Abatement (no point discharge) permits.

Date of Government Version: 07/01/2009
Date Data Arrived at EDR: 07/01/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 20

Source: Department of Environmental Quality
Telephone: 804-698-4077
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Semi-Annually

AIRS: Permitted Airs Facility List

A listing of permitted Airs facilities.

Date of Government Version: 06/26/2009
Date Data Arrived at EDR: 06/26/2009
Date Made Active in Reports: 07/21/2009
Number of Days to Update: 25

Source: Department of Environmental Quality
Telephone: 804-698-4000
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/2009
Date Data Arrived at EDR: 04/14/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 06/22/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/11/2008
Date Made Active in Reports: 03/19/2009
Number of Days to Update: 98

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 07/21/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 05/05/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 17

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 08/04/2009
Next Scheduled EDR Contact: 11/02/2009
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/22/2009
Date Data Arrived at EDR: 05/27/2009
Date Made Active in Reports: 07/01/2009
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/06/2009
Next Scheduled EDR Contact: 10/05/2009
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 804-692-1900

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Virginia Public Water Supplies

Source: Department of Health, Office of Water Programs

Telephone: 804-786-1756

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

STAUNTON
STAUNTON
STAUNTON, VA 24401

TARGET PROPERTY COORDINATES

Latitude (North):	38.13710 - 38° 8' 13.6"
Longitude (West):	79.035 - 79° 2' 6.0"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	672212.5
UTM Y (Meters):	4222645.0
Elevation:	1402 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38079-B1 STAUNTON, VA
Most Recent Revision:	2001

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

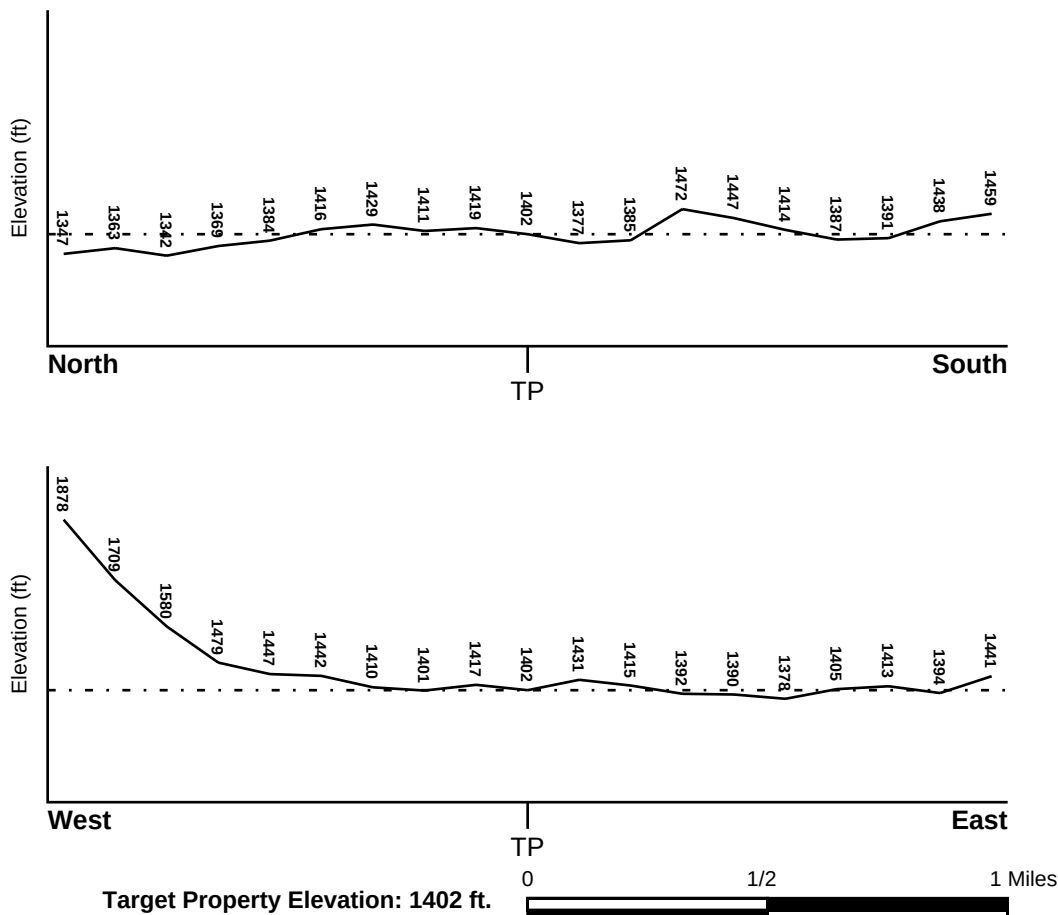
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood</u>
STAUNTON CITY, VA	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	5101550004C
Additional Panels in search area:	5100130140B
	5100130180B
	5101550003C
	5101550006C

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
STAUNTON	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
Not Reported	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

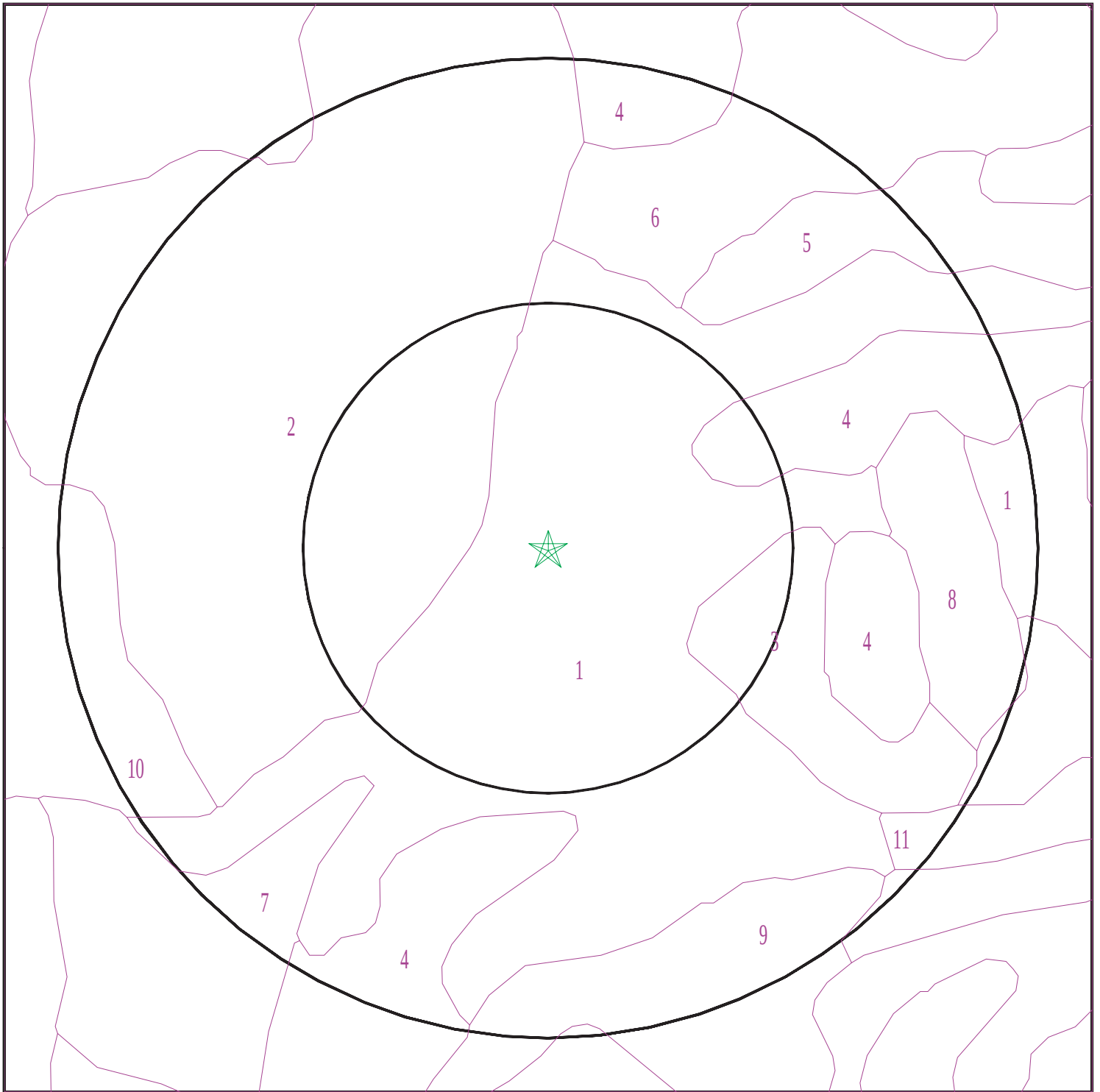
Era:	Paleozoic
System:	Ordovician
Series:	Ordovician
Code:	O (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2558458.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Staunton
ADDRESS: Staunton
Staunton VA 24401
LAT/LONG: 38.1371 / 79.0350

CLIENT: Tim Wagner
CONTACT: Dan Sutton
INQUIRY #: 2558458.2s
DATE: August 06, 2009 10:27 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Edom

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
2	70 inches	74 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
3	7 inches	40 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
4	40 inches	70 inches	channery clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Wet spots

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 56 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Edom

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
2	70 inches	74 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
3	7 inches	40 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
4	40 inches	70 inches	channery clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6

Soil Map ID: 5

Soil Component Name: Wet spots

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 56 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 6

Soil Component Name: Wet spots

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 56 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 7

Soil Component Name: Wet spots

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 8

Soil Component Name: Wet spots

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 56 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 9

Soil Component Name: Wet spots

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 56 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 10

Soil Component Name: Edom

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.4	Max: Min:
2	7 inches	40 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.4	Max: Min:
3	40 inches	70 inches	channery clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.4	Max: Min:
4	70 inches	74 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 14 Min: 1.4	Max: Min:

Soil Map ID: 11

Soil Component Name: Aquents

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 1.4	Max: Min:
2	9 inches	26 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 1.4	Max: Min:
3	26 inches	29 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 1.4	Max: Min:
4	29 inches	33 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 1.4	Max: Min:

Soil Map ID: 12

Soil Component Name: Wet areas

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 13

Soil Component Name: Sequoia

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:
2	7 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:
3	31 inches	59 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0.42	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS2247097	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

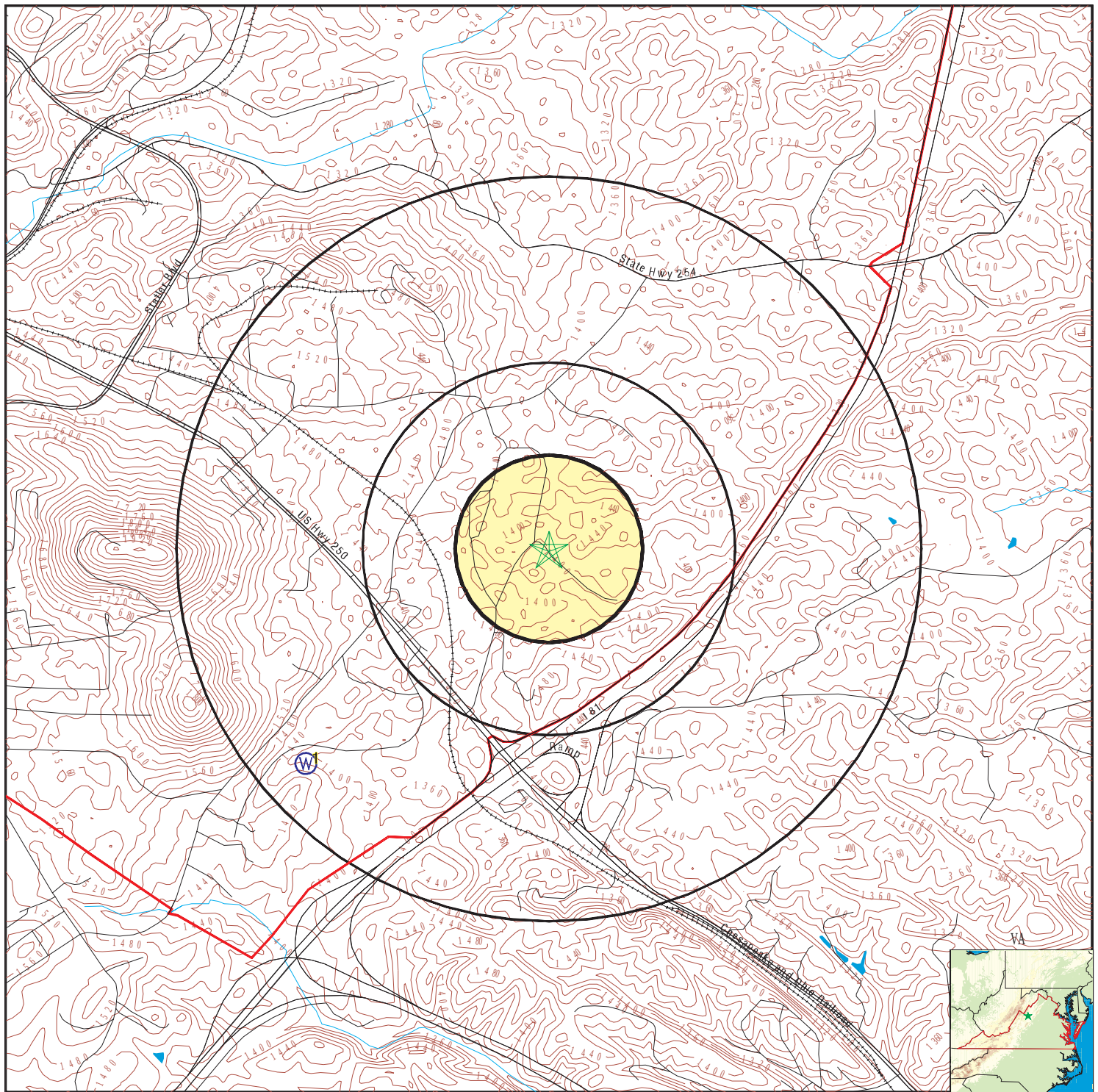
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 2558458.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

0 1/4 1/2 1 Miles



SITE NAME: Staunton
 ADDRESS: Staunton
 Staunton VA 24401
 LAT/LONG: 38.1371 / 79.0350

CLIENT: Tim Wagner
 CONTACT: Dan Sutton
 INQUIRY #: 2558458.2s
 DATE: August 06, 2009 10:26 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

1

SW

1/2 - 1 Mile
Higher

FED USGS

USGS2247097

Agency cd:	USGS	Site no:	380743079025001
Site name:	38P 7		
Latitude:	380743		
Longitude:	0790250	Dec lat:	38.12874369
Dec lon:	-79.04697262	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	51
State:	51	County:	015
Country:	US	Land net:	Not Reported
Location map:	STAUNTON	Map scale:	24000
Altitude:	1410.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	South Fork Shenandoah. Virginia. Area = 1660 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19610612
Date inventoried:	19880801	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BEEKMANTOWN GROUP		
Well depth:	185.00	Hole depth:	185.00
Source of depth data:	driller		
Project number:	4451-08500		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1961-06-12	Ground water data end date:	1961-06-12
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1961-06-12	4.00	

1961-06-12 4.00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 24401

Number of sites tested: 212.

Maximum Radon Level: 65.2 pCi/L.

Minimum Radon Level: 0.4 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
91 (42.92%)	71 (33.49%)	37 (17.45%)	9 (4.25%)	4 (1.89%)	0 (0.00%)

Federal EPA Radon Zone for STAUNTON County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Virginia Public Water Supplies

Source: Department of Health, Office of Water Programs

Telephone: 804-786-1756

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Staunton

Staunton

Staunton, VA 24401

Inquiry Number: 2558458.3

August 06, 2009

Certified Sanborn® Map Report

Certified Sanborn® Map Report

8/06/09

Site Name:

Staunton
Staunton
Staunton, VA 24401

Client Name:

Tim Wagner
127 Nationwide Drive
Lynchburg, VA 24502

EDR Inquiry # 2558458.3

Contact: Dan Sutton



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Tim Wagner were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Staunton
Address: Staunton
City, State, Zip: Staunton, VA 24401
Cross Street:
P.O. # NA
Project: NA
Certification # B7B1-40E7-A382



Sanborn® Library search results
Certification # B7B1-40E7-A382

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

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Staunton

Staunton

Staunton, VA 24401

Inquiry Number: 2558458.4

August 06, 2009

The EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

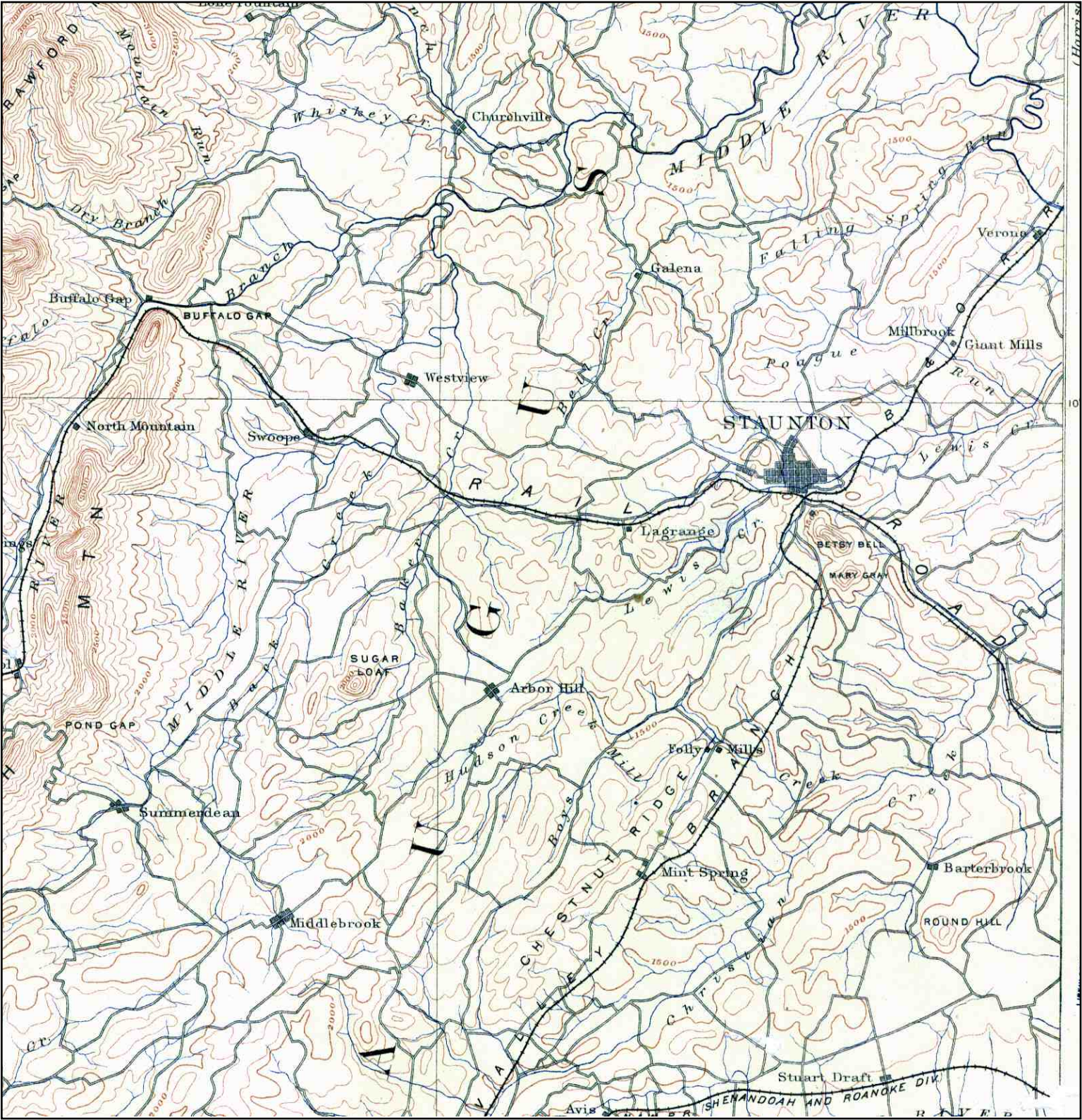
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Historical Topographic Map



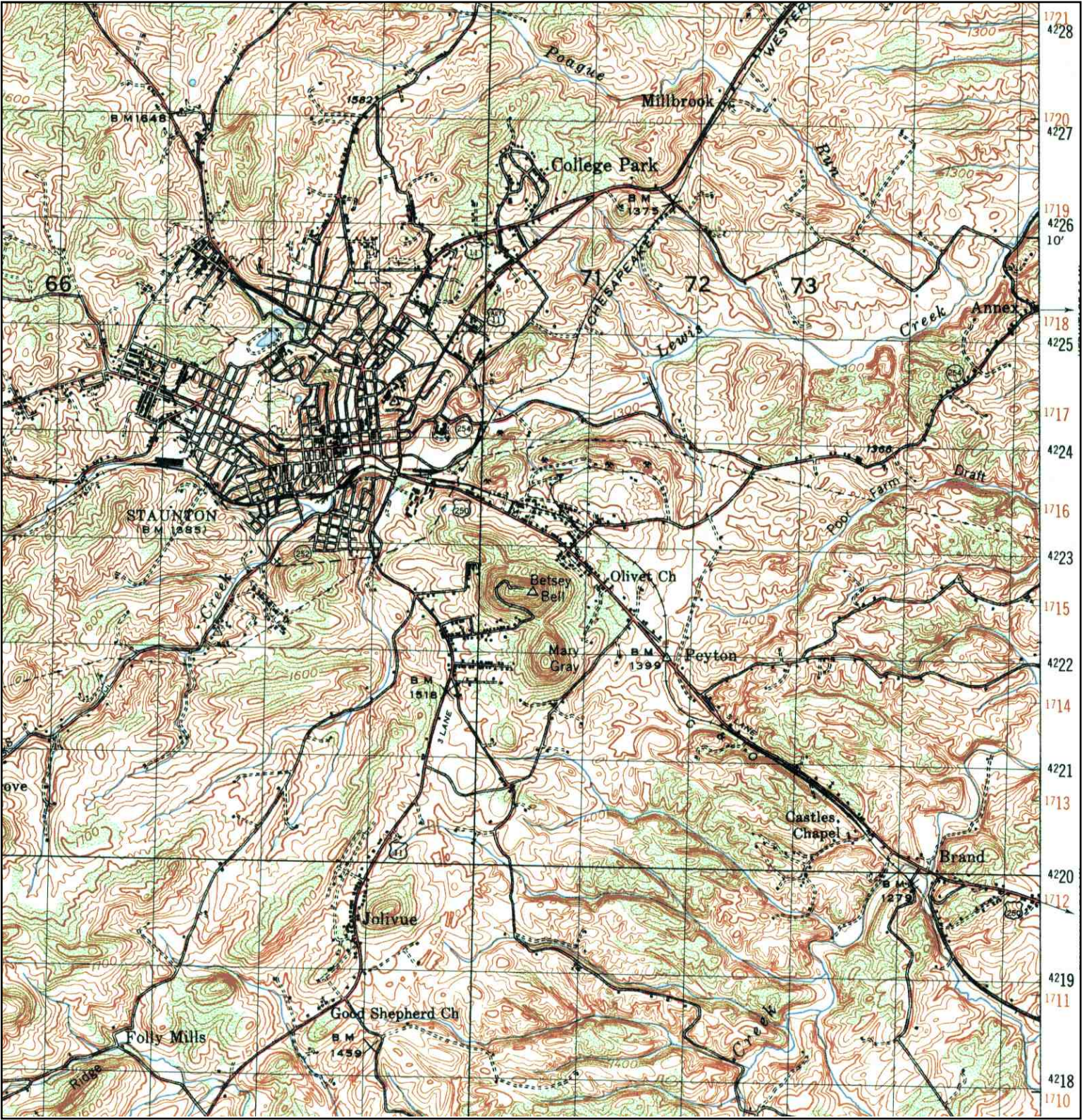
N ↑	TARGET QUAD	SITE NAME:	Staunton	CLIENT:	Tim Wagner
	NAME: STAUNTON	ADDRESS:	Staunton	CONTACT:	Dan Sutton
	MAP YEAR: 1894		Staunton, VA 24401	INQUIRY#:	2558458.4
		LAT/LONG:	38.1371 / 79.035	RESEARCH DATE:	08/06/2009
	SERIES: 30				
	SCALE: 1:125000				

Historical Topographic Map



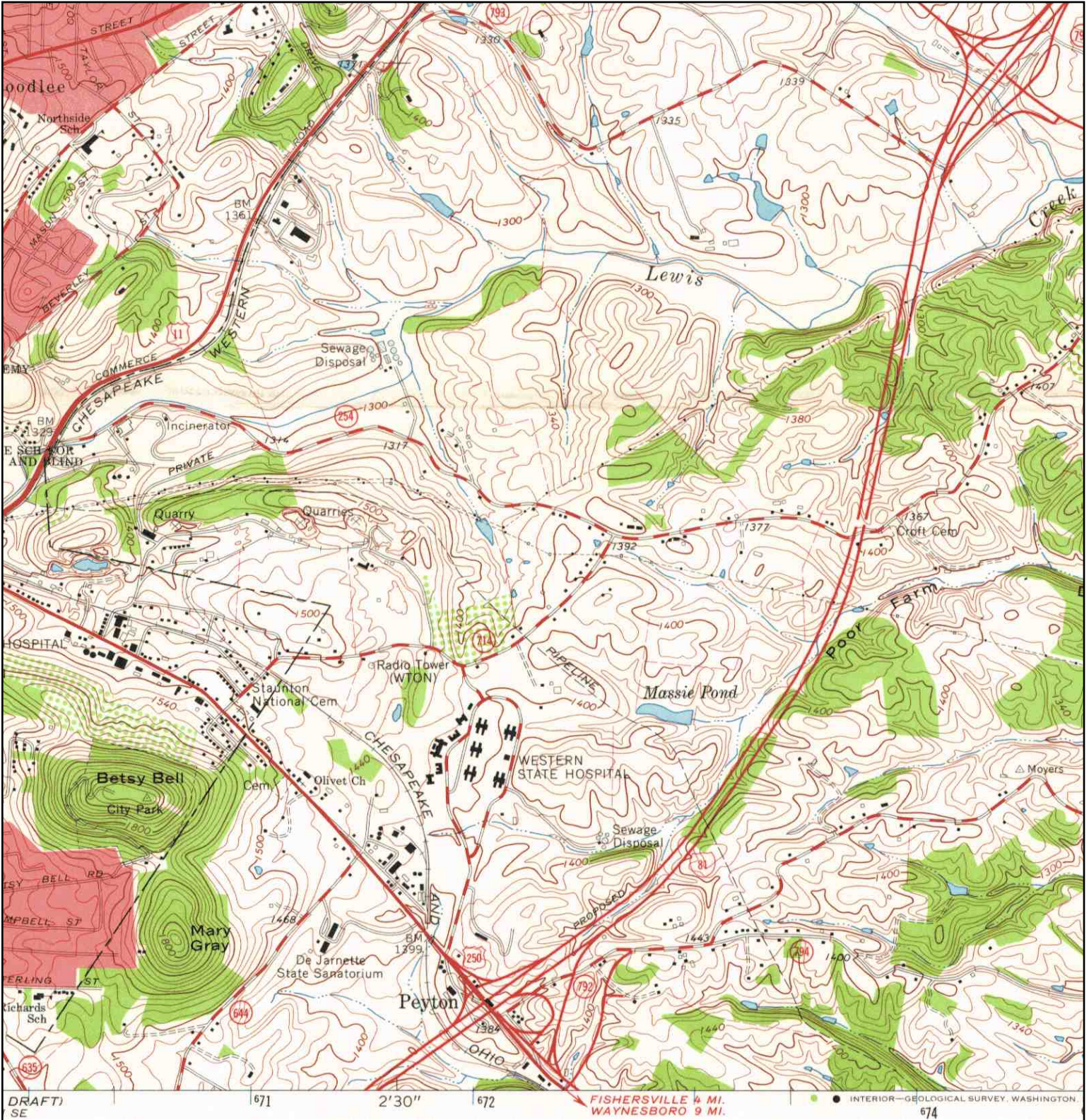
	TARGET QUAD	SITE NAME: Staunton	CLIENT: Tim Wagner
	NAME: STAUNTON	ADDRESS: Staunton	CONTACT: Dan Sutton
	MAP YEAR: 1947	Staunton, VA 24401	INQUIRY#: 2558458.4
		LAT/LONG: 38.1371 / 79.035	RESEARCH DATE: 08/06/2009
	SERIES: 15		
	SCALE: 1:62500		

Historical Topographic Map



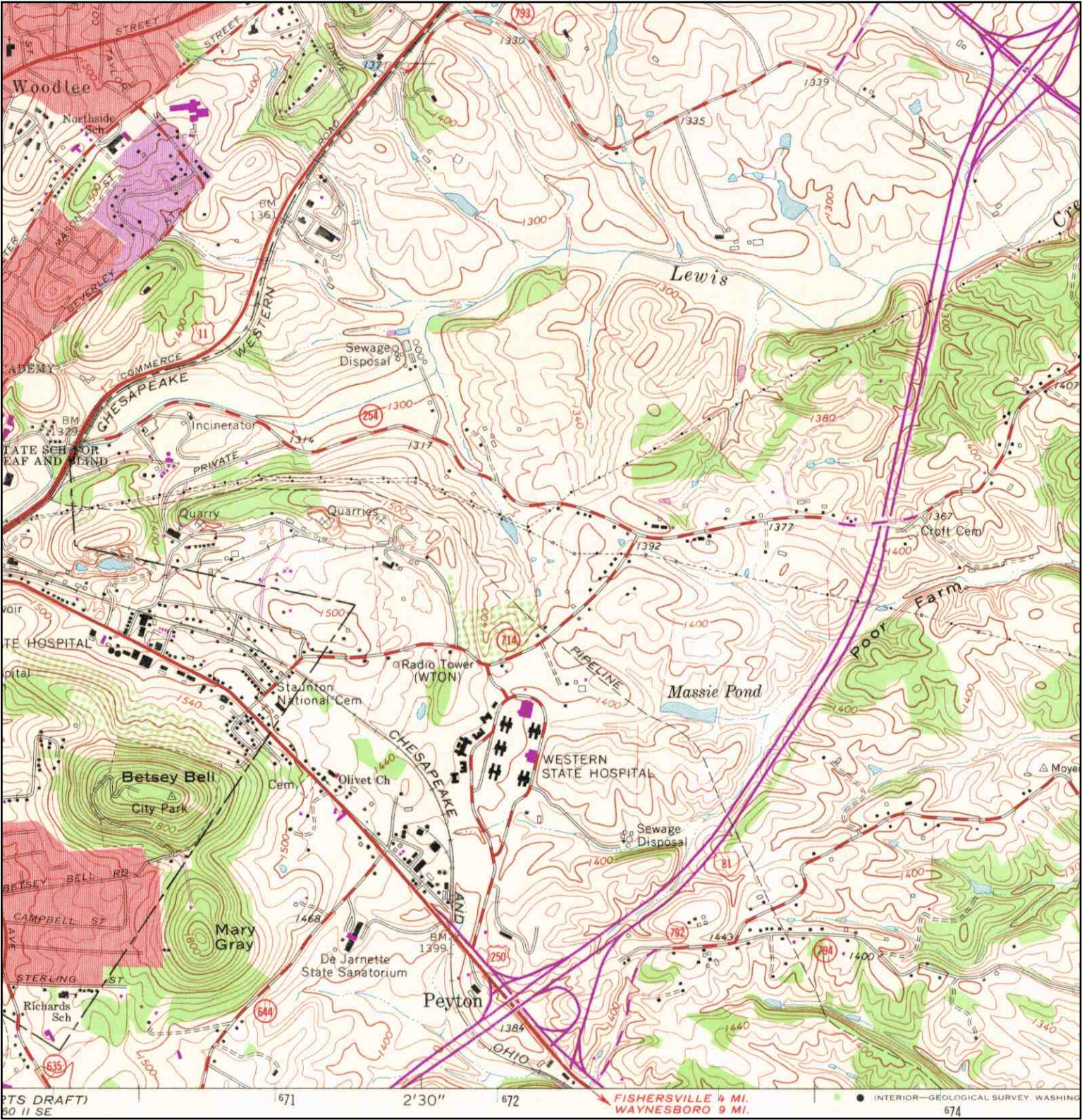
	TARGET QUAD	SITE NAME:	Staunton	CLIENT:	Tim Wagner
	NAME: STAUNTON	ADDRESS:	Staunton	CONTACT:	Dan Sutton
	MAP YEAR: 1949		Staunton, VA 24401	INQUIRY#:	2558458.4
		LAT/LONG:	38.1371 / 79.035	RESEARCH DATE:	08/06/2009
	SERIES: 15				
	SCALE: 1:50000				

Historical Topographic Map



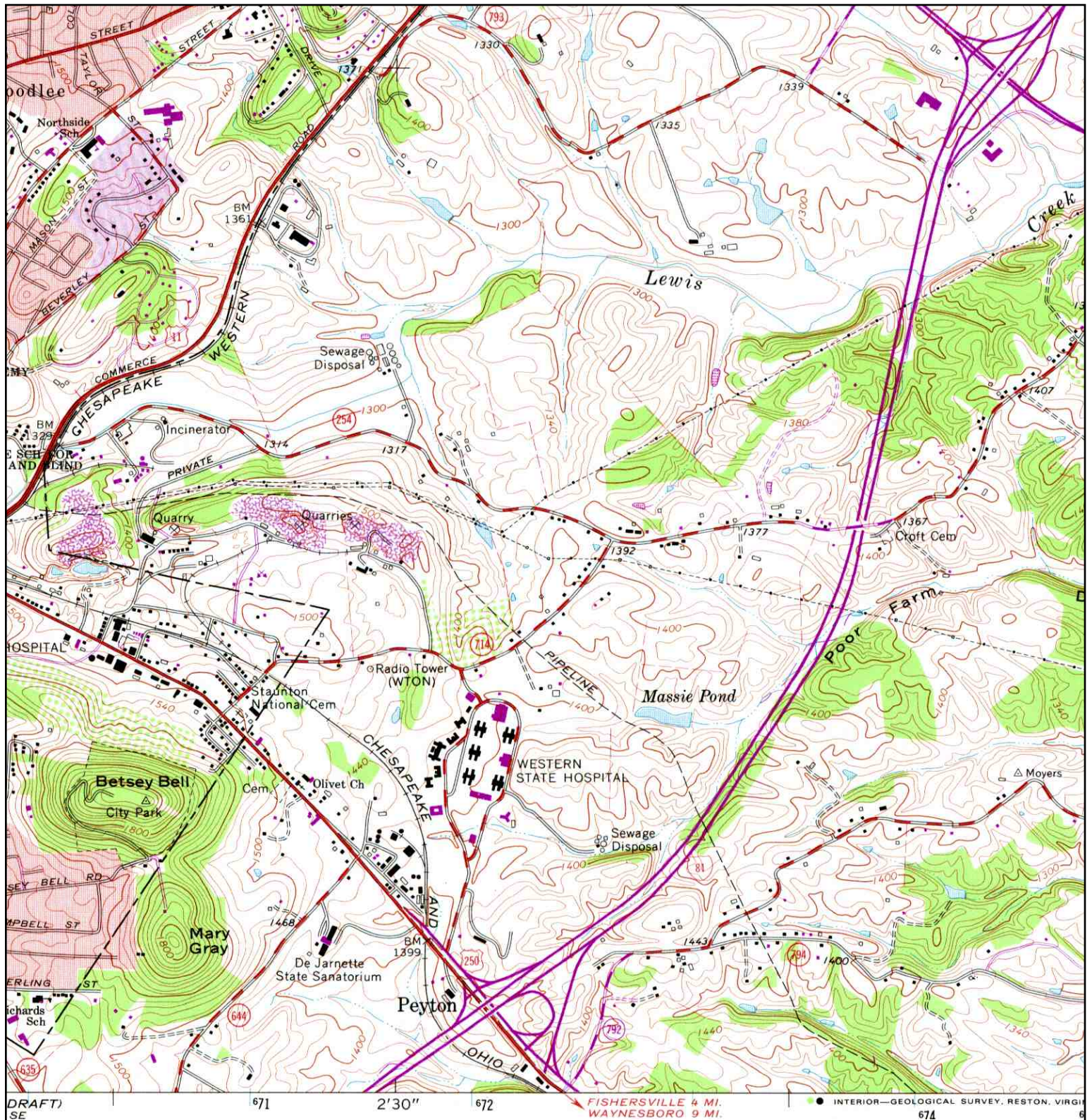
	TARGET QUAD NAME: STAUNTON MAP YEAR: 1964	SITE NAME: Staunton ADDRESS: Staunton Staunton, VA 24401 LAT/LONG: 38.1371 / 79.035	CLIENT: Tim Wagner CONTACT: Dan Sutton INQUIRY#: 2558458.4 RESEARCH DATE: 08/06/2009
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



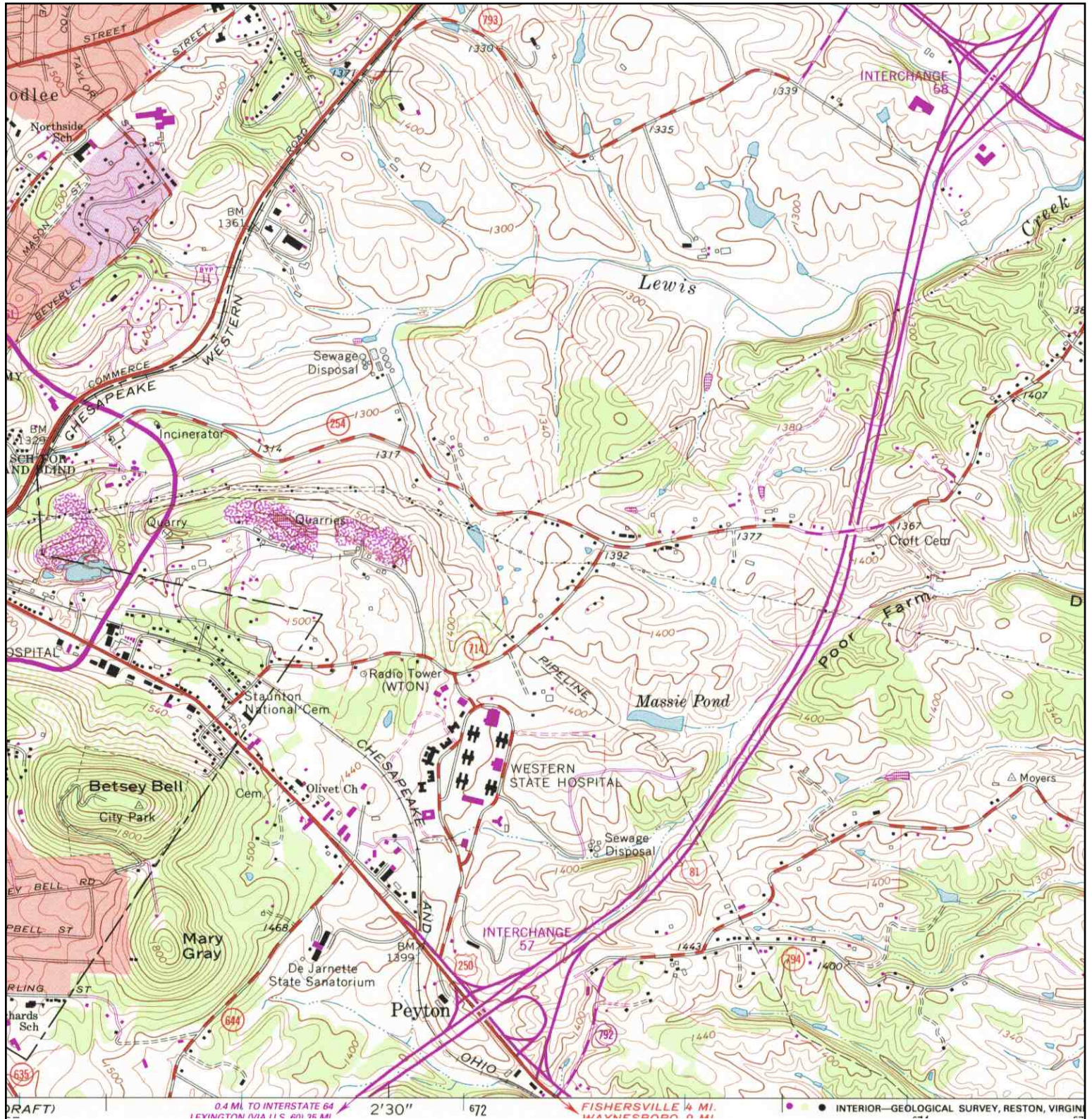
N ↑	TARGET QUAD	SITE NAME:	Staunton	CLIENT:	Tim Wagner
	NAME: STAUNTON	ADDRESS:	Staunton	CONTACT:	Dan Sutton
	MAP YEAR: 1968		Staunton, VA 24401	INQUIRY#:	2558458.4
	PHOTOREVISED FROM:1964	LAT/LONG:	38.1371 / 79.035	RESEARCH DATE:	08/06/2009
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



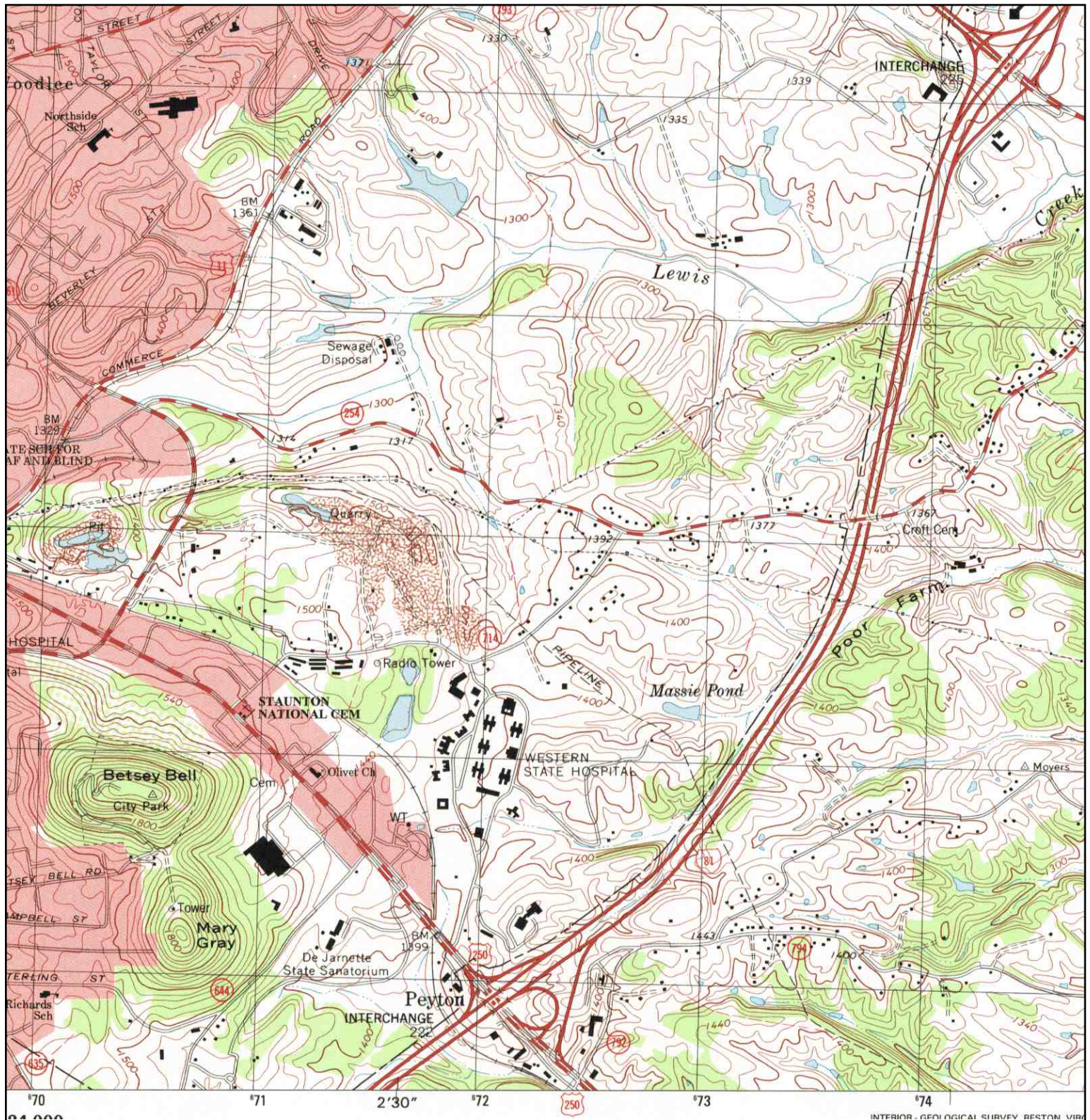
N 	TARGET QUAD NAME: STAUNTON MAP YEAR: 1978 PHOTOREVISED FROM: 1964 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Staunton ADDRESS: Staunton Staunton, VA 24401 LAT/LONG: 38.1371 / 79.035	CLIENT: Tim Wagner CONTACT: Dan Sutton INQUIRY#: 2558458.4 RESEARCH DATE: 08/06/2009
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Historical Topographic Map



N ↑	TARGET QUAD NAME: STAUNTON MAP YEAR: 1986 PHOTOREVISED FROM: 1964 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Staunton ADDRESS: Staunton Staunton, VA 24401 LAT/LONG: 38.1371 / 79.035	CLIENT: Tim Wagner CONTACT: Dan Sutton INQUIRY#: 2558458.4 RESEARCH DATE: 08/06/2009
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Historical Topographic Map



	TARGET QUAD NAME: STAUNTON MAP YEAR: 1998	SITE NAME: Staunton ADDRESS: Staunton Staunton, VA 24401 LAT/LONG: 38.1371 / 79.035	CLIENT: Tim Wagner CONTACT: Dan Sutton INQUIRY#: 2558458.4 RESEARCH DATE: 08/06/2009
	SERIES: 7.5 SCALE: 1:24000		

Appendix E

Hazardous Waste Disposal Site

MEMORANDUM

To: William L. Woodfin, Jr.
Director

Through: John E. Ely
Director
Compliance and Enforcement

Through: Mohammad R. Habibi
Area Manager
Compliance and Enforcement

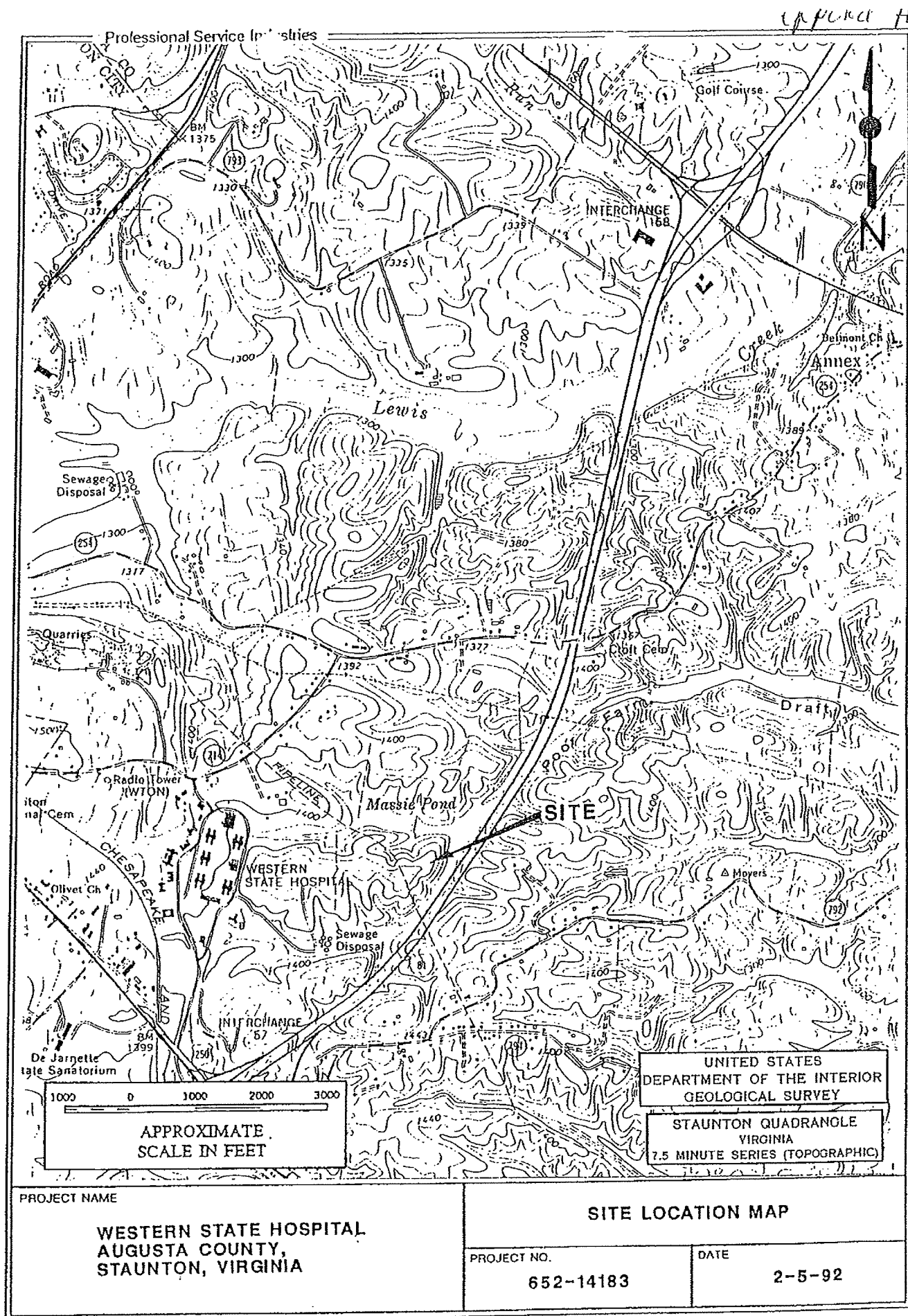
From: Gerould J. McCoy
Environmental Program Supervisor
Compliance and Enforcement

Subject: Virginia Department of Mental Health, Mental Retardation and Substances Abuse Services; Western State Hospital, Augusta County, Virginia

Date: May 13, 1992

The above referenced facility is located approximately one mile southeast of the town of Staunton, Virginia in Augusta County and has previously been the subject of several investigation related to the alleged improper on-site disposal of hazardous substances and solid wastes. On October 9, 1991 Virginia Department of Mental Health, Mental Retardation and Substance Abuse Services (VDMHMRSAS)/Western State personnel notified the Virginia Department of Emergency Services (DES), Virginia Water Control Board (VWCB) and Virginia Department of Waste Management (VDWM) concerning 136 fifty-five gallon drums whose contents were emptied into an on-site 5'x 9'x 16" excavation. According to VDMHMRSAS personnel, the drums were half-full containing rainwater mixed with used motor oil, paints and solvents from facility operations. In addition, burning of a potential mixture composed of used oil and solvents may have also occurred during operation of an oil fueled boiler.

Based upon information including sampling and analytical results obtained from a recent site investigation by VDWM Incident Investigation staff, the aforementioned activities have been preliminarily determined to be improper disposal of hazardous waste. Therefore, this memorandum has been prepared to advise you that the Western State Hospital actions have been transferred from Incident Investigation to the RCRA Compliance and Enforcement. A referral from me to Ron Smith for appropriate closure and remedial action under the Virginia Hazardous Management Regulations should be completed shortly. If additional information is desired during the interim, please contact me at 5-2892.





COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

VALLEY REGIONAL OFFICE
116 N. Main Street
P.O. Box 268
Bridgewater, Virginia 22812

July 8, 1994

Mr. C. Eldon Kurtz
Director, Physical Plant Services
Western State Hospital
Box 2500
Staunton, Virginia 24402-2500

Re: Clean-up of hazardous waste disposal site,
Western State Hospital, Staunton, Virginia,
Virginia Department of Mental Health,
Mental Retardation and Substance Abuse Services

Dear Mr. Kurtz:

The Office of Waste Resource Management ("OWRM") and the Valley Regional Office of the Waste Division have received and reviewed your letter dated June 14, 1994. You provided the documentation of proper disposal of all wastes from the clean-up of the unauthorized disposal site at Western State Hospital.

Based on our review of the submitted information, it appears that you have completed the disposal as required by letters from Yen T. Bao of OWRM dated December 16, 1993, and April 19, 1994, although four months later than the deadline specified.

Based on this documentation and the circumstances of the case, the Department of Environmental Quality considers these incidents of improper hazardous waste management closed, and the Department will take no further compliance action relating to these incidents. This conclusion is based on information known to the Waste Division at this time.

It must be emphasized that the improper waste management activities that occurred at your facility are serious violations under both Federal and Virginia law:

1. Unauthorized burning of hazardous waste in boilers;
2. Unauthorized disposal of hazardous waste; and

Mr. C. Eldon Kurtz

Page 2

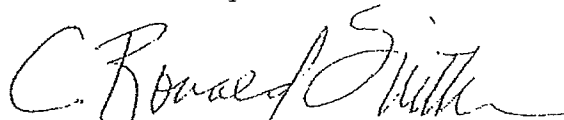
3. Unauthorized storage of hazardous waste (recovered from the disposal site) for greater than 90 days. The Virginia Hazardous Waste Management Regulations ("VHWMR"), § 6.4.E.2, state in part that "[a] generator who accumulates hazardous waste for more than 90 days is an operator of a storage facility and is subject to the requirements of Parts IX or X, and XI unless he has been granted an extension to the 90-day period."

Treatment, storage, or disposal of hazardous waste without "interim status" or a permit is a violation of the Virginia Waste Management Act, §§ 10.1-1400 et seq. of Chapter 14 of Title 10 of the Code of Virginia, and is considered a major violation of the Virginia Hazardous Waste Management Regulations.

It is recommended that you initiate actions to avoid any future violations of this nature. We strongly suggest training of facility personnel in the proper management of hazardous waste. Enclosed is a copy of the VHWMR. Parts III and VI are most relevant to a generator of hazardous waste such as your facility.

If you have questions, please call me at (703) 828-2595, Ext.171.

Sincerely,



C. Ronald Smith
Regional Compliance Manager
Waste Division

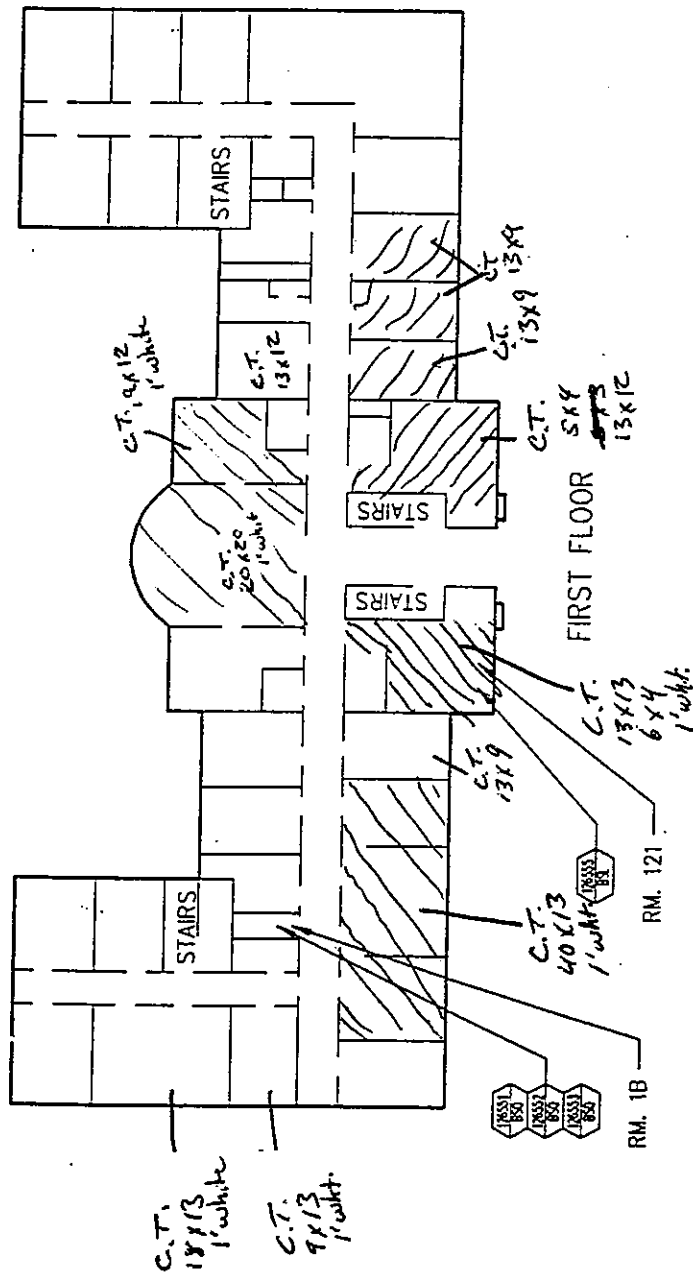
Enclosures

cc: Mr. Phil Bomersheim
Capital Outlay Planning Program Assistant Director
VMHMRSAS
P.O. Box 1797, Richmond, VA 23214

Mohammad R. Habibi, OWRM, Waste Division
Glenn E. Moore, OWRM, Waste Division
Yen T. Bao, OWRM, Waste Division

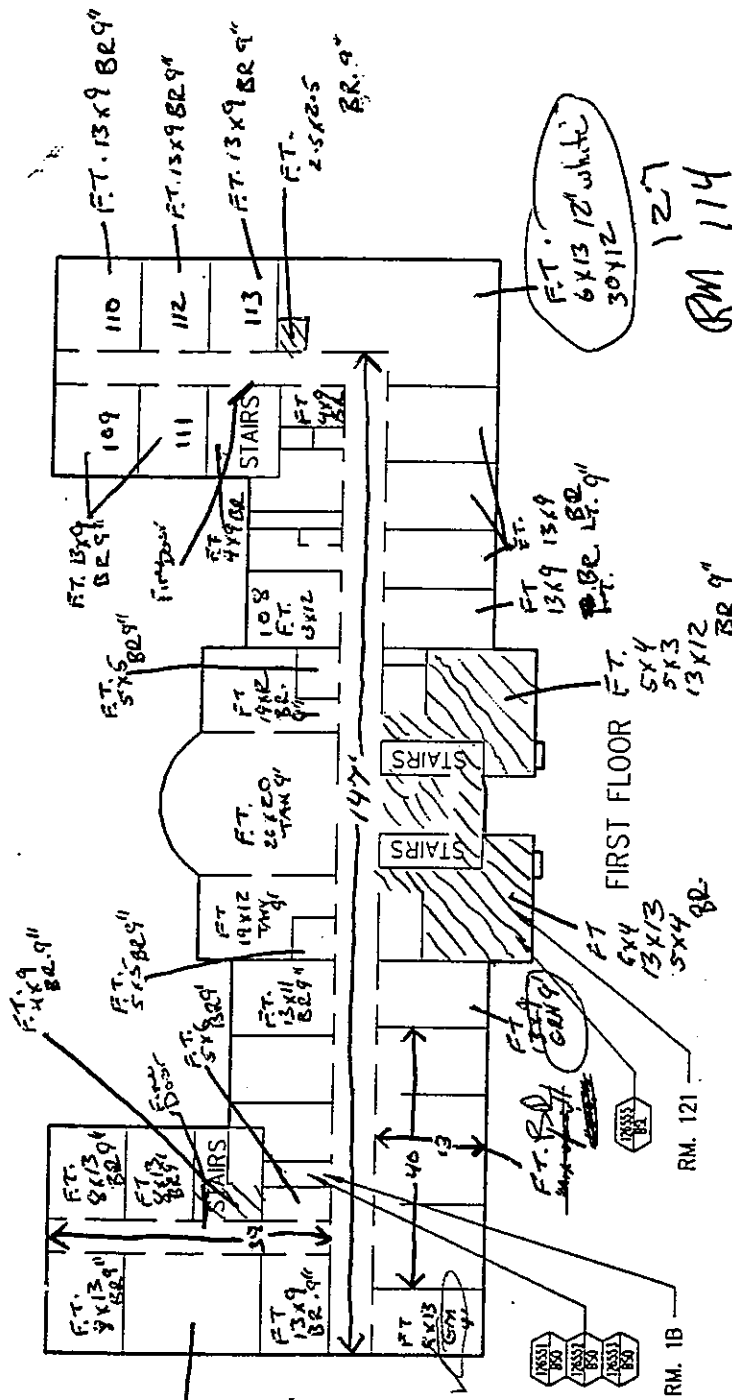
#941354 OWRM

BUILDING 100



234
117
520
117
169
24
156
20
117
117
156
200
400
<u>2347</u>

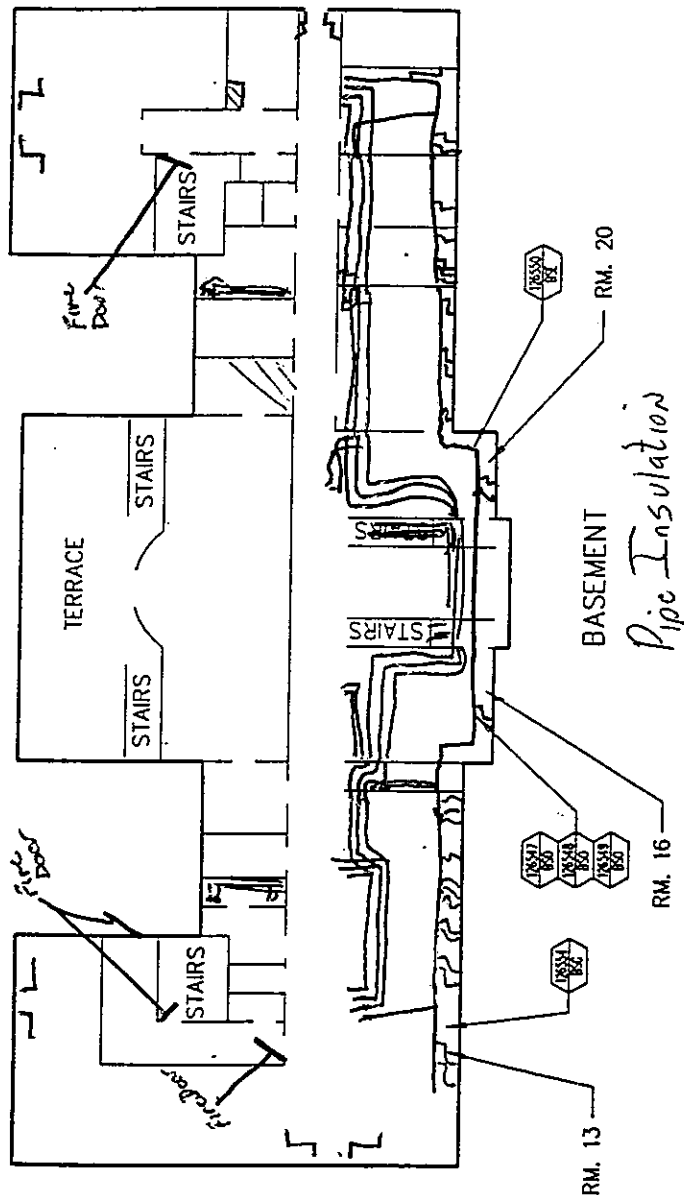
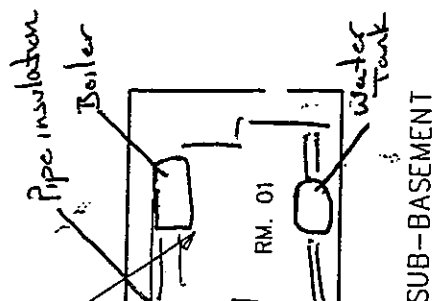
— BALL-TIMMELL ENGINEERING 404 N. 1ST STREET LAMAR, MISS. 39440		STATE OF VIRGINIA ASBESTOS ASSESSMENT STUDY	PROJECT NUMBER 17001
DATE: 1/7/96		BUILDING 700-001-001008 WESTERN STATE HOSPITAL CHIRP BUILDING	
Sheet 2 of 3			



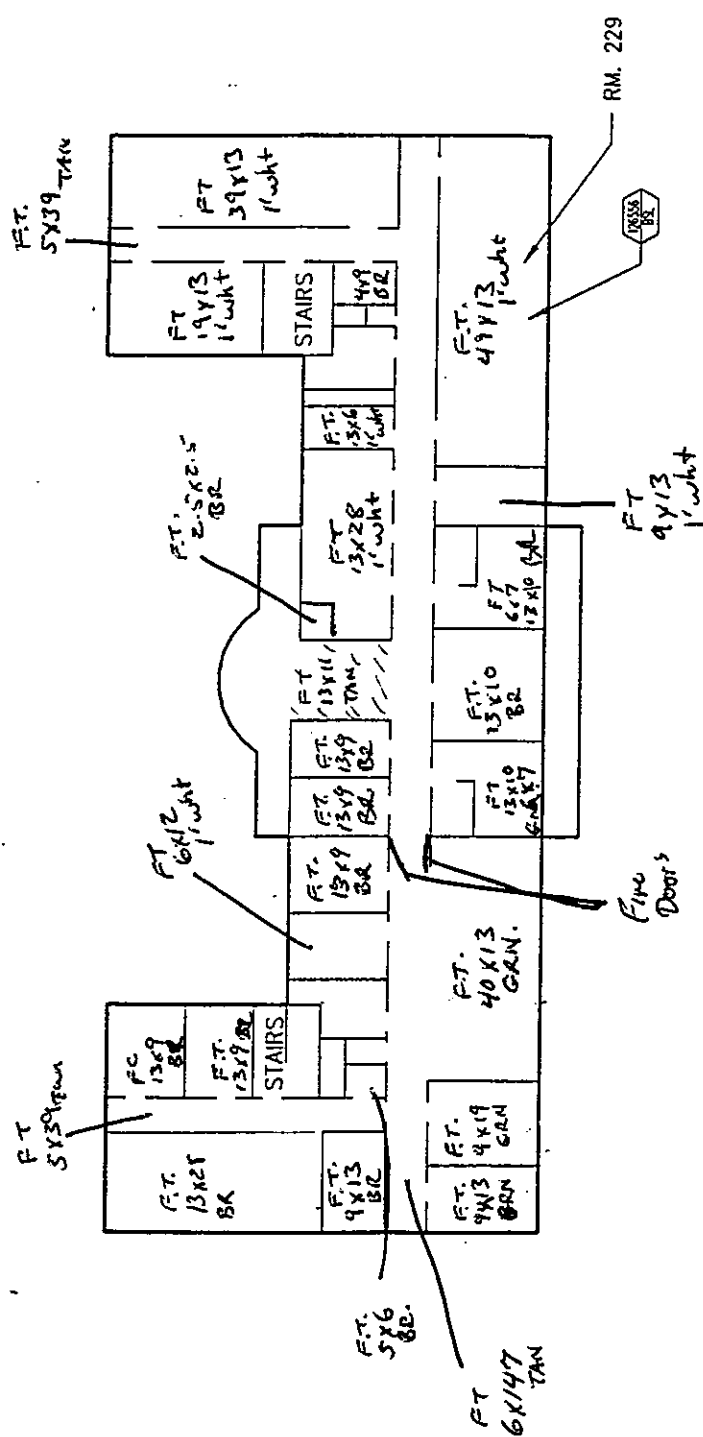
HALLWAYS
 F.T. TAN
 9x6
 18x6
 6x147
 5x39
 5x39

STATE OF VIRGINIA ARCHITECTS ASSOCIATION STUDY	PROJECT NAME WESTERN STATE HOSPITAL CRIP BUILDING
DATE 2/7/88	SHEET 2 of 3
DESIGNED BY JAMES H. HITTORF, JR. UNIVERSITY OF VIRGINIA	PROJECT NO. 706-001-00108

10011	850
10012	850
10013	850
10014	850
10015	850
10016	850
10017	850
10018	850
10019	850
10020	850
10021	850
10022	850
10023	850
10024	850
10025	850
10026	850
10027	850
10028	850
10029	850
10030	850
10031	850
10032	850
10033	850
10034	850
10035	850
10036	850
10037	850
10038	850
10039	850
10040	850
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10045	850
10046	850
10047	850
10048	850
10049	850
10050	850

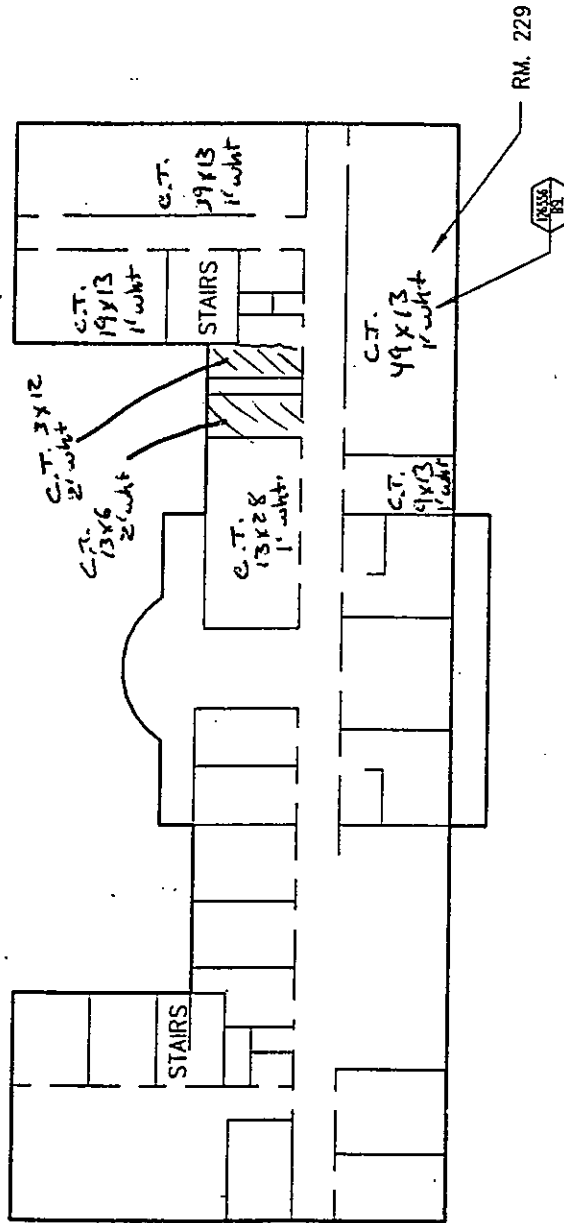


STATE OF VIRGINIA ASBESTOS ASSESSMENT STUDY		PROJECT NAME WESTERN STATE HOSPITAL
DATE: 2/7/86		SHEET: 1 of 3
BY: BALL-THORNTON ENGINEERING, INC. 4400 WEST ATLANTIC STREET LITTLE ROCK, ARKANSAS 72616		



SECOND FLOOR

MAIL ROOM JAMES W. FLETCHER UNIT LAMBERT, MISSOURI	STATE OF VIRGINIA ASBESTOS ASSESSMENT STUDY	PROJECT NAME VM001
	BUILDING 705-001-00100C WESTERN STATE HOSPITAL CHRP BUILDING	
DATE 1/17/88		SHEET 3 of 3



SECOND FLOOR

— KALL-TOBELL ENGINEERING, INC. 444 WEST 17TH STREET LAWRENCE, KANSAS 66044		STATE OF VIRGINIA ASBESTOS ABATEMENT STUDY	PROJECT NAME WESTERN STATE HOSPITAL CHIRP BUILDING
DATE 2/7/76	SHEET 3 of 3		

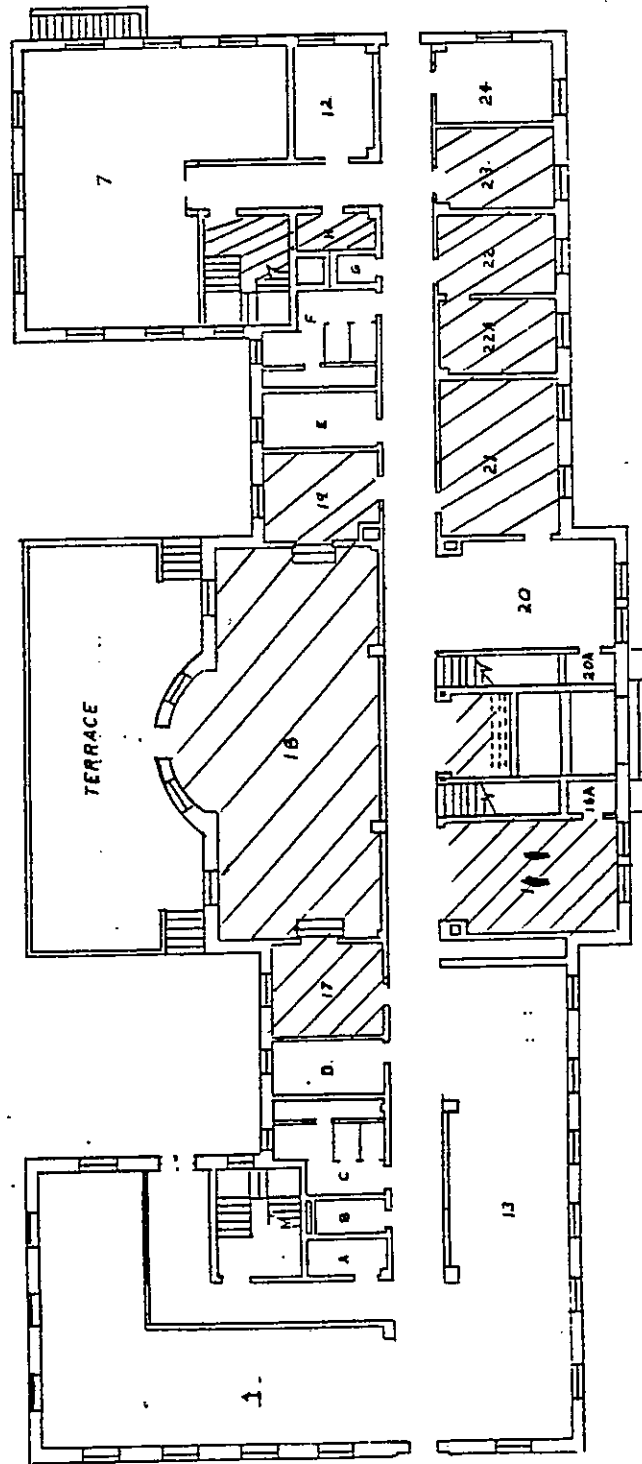


THIRD FLOOR 4/11/88-10
INSERTED 11.22.89

$\odot = \text{Pos. Lcr. AB}$
 $\ominus = \text{Neg. Lcr. AB}$

/// = Floor Tile

Building 100 Floor Tile



SUB-BASEMENT

Sub-Basement:	
Room	Sq. Ft.
01	885

Basement	
Room	Sq. Ft.
2	730
7	736
12	133
13	614
A	48
B	37
C	147
D	92
E	92
F	147
G	21
H	48
16	261
16A	20
17	161
18	900
19	161
20	261
20A	20
21	257
22	729
22A	117
23	131
24	129
Hall	1,502
Stairs	492
Halls	915
Total	8,302

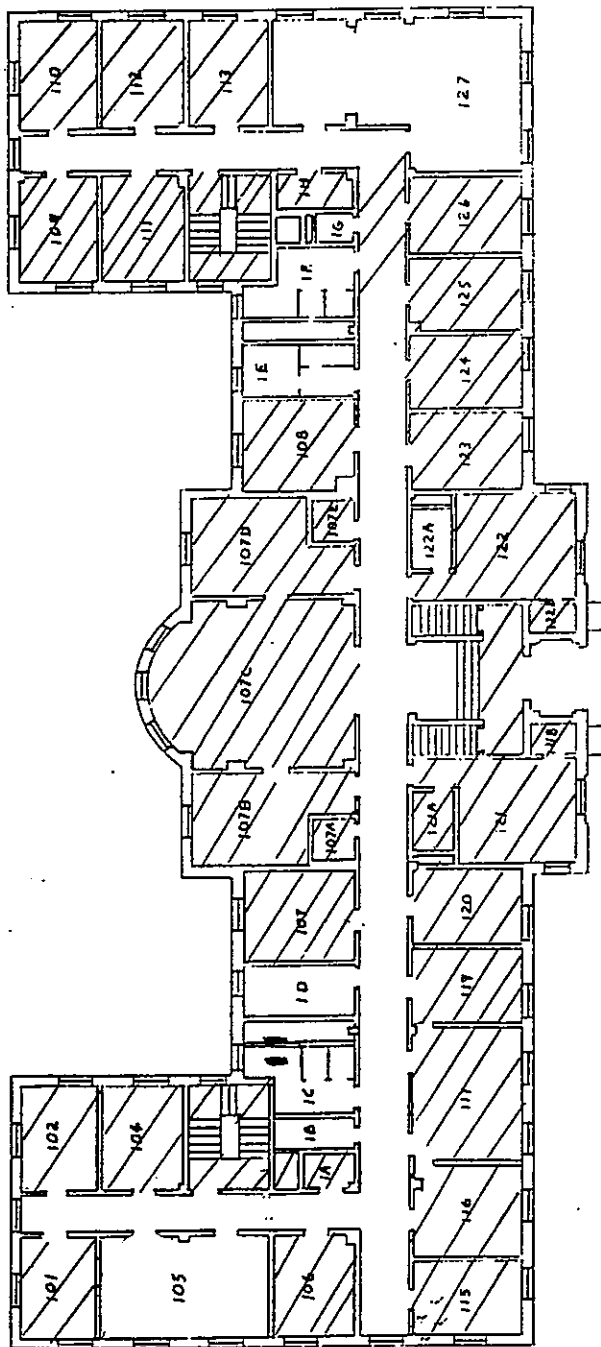
Area	Sq. Ft.
Sub-Basement	885
Basement	8,302
1st floor	8,183
2nd floor	8,119
3rd floor	4,375
* Terrace/Roof Deck	522
Total:	30,286

BASEMENT BUILDING 100

2/25

○ Floor Tile

Building 100 Floor Tile

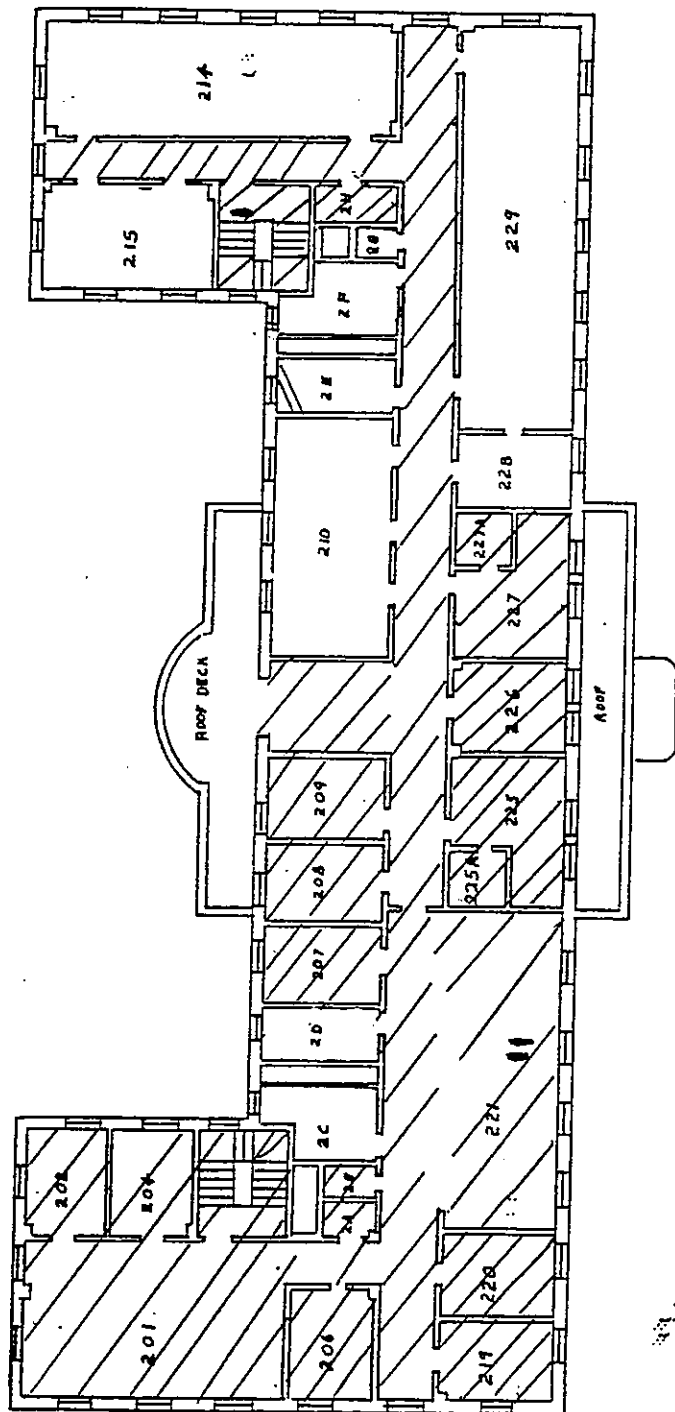


CHIRP BLDG 100
FIRST FLOOR

Room	Sq. Ft.
101	12
102	12
103	12
104	13
105	26
106	13
107	13
108	13
109	13
110	13
111	13
112	13
113	13
114	13
115	13
116	13
117	13
118	13
119	13
120	13
121	26
122	13
123	13
124	13
125	13
126	13
127	13
128	13
129	13
130	13
131	13
132	13
133	13
134	13
135	13
136	13
137	13
138	13
139	13
140	13
141	13
142	13
143	13
144	13
145	13
146	13
147	13
148	13
149	13
150	13
151	13
152	13
153	13
154	13
155	13
156	13
157	13
158	13
159	13
160	13
161	13
162	13
163	13
164	13
165	13
166	13
167	13
168	13
169	13
170	13
171	13
172	13
173	13
174	13
175	13
176	13
177	13
178	13
179	13
180	13
181	13
182	13
183	13
184	13
185	13
186	13
187	13
188	13
189	13
190	13
191	13
192	13
193	13
194	13
195	13
196	13
197	13
198	13
199	13
200	13
Total	8,116

/// = Floor

Building 100 Floor Tile

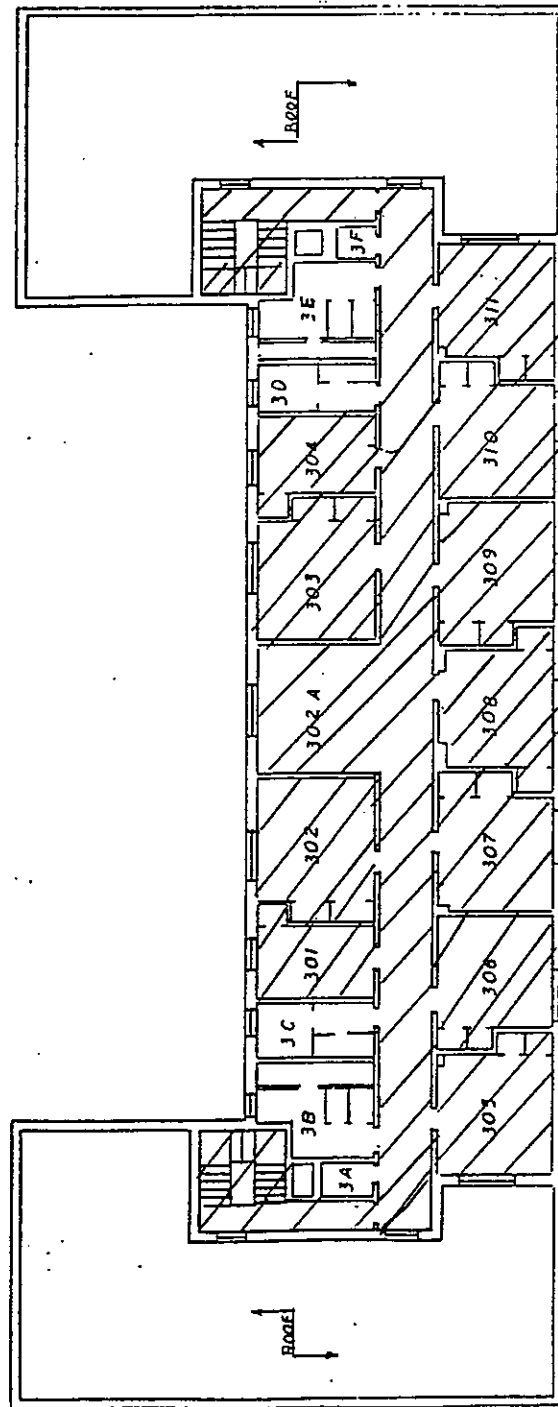


CHIRP BLDG. 100
—SECOND FLOOR 2/85

2nd Floor	Room	Sq. Ft.
	201	391
	202	129
	204	133
	206	133
	207	125
	208	125
	209	125
	209A	148
	210	373
	211	524
	215	247
	219	129
	220	131
	221	502
	226	146
	225	189
	225A	49
	227	189
	227A	49
	228	131
	229	502
	2A	31
	2B	28
	2C	147
	2D	92
	2E	92
	2F	147
	2G	21
	2H	49
	Halls	1,319
	Stairs	409
	Halls	1,314
	Tot.	8,119



Bonding 100 Floor Tile

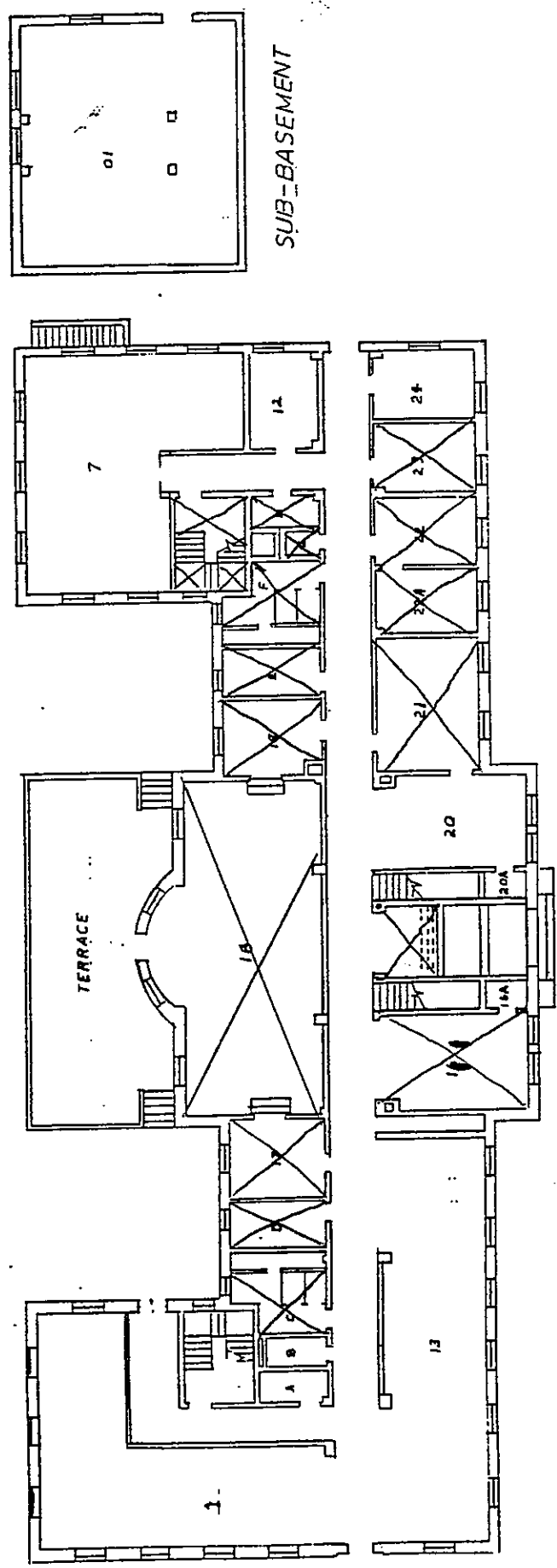


CHIRP BLDG 100
THIRD FLOOR 2/15/2003

Room	Sq. Ft.
3rd Floor:	
301	131
302	196
302A	210
303	196
304	131
305	190
306	190
307	191
308	190
309	191
310	110
311	190
3A	15
3B	110
3C	92
3D	92
3E	110
3F	71
Stairs	242
Halls	855
Walls	726
Tot.	4,375

Bldg 100 Mastic

X = Mastic



SUB-BASEMENT

Sub-basement:

Room	Sq. Ft.
01	885

Basement:

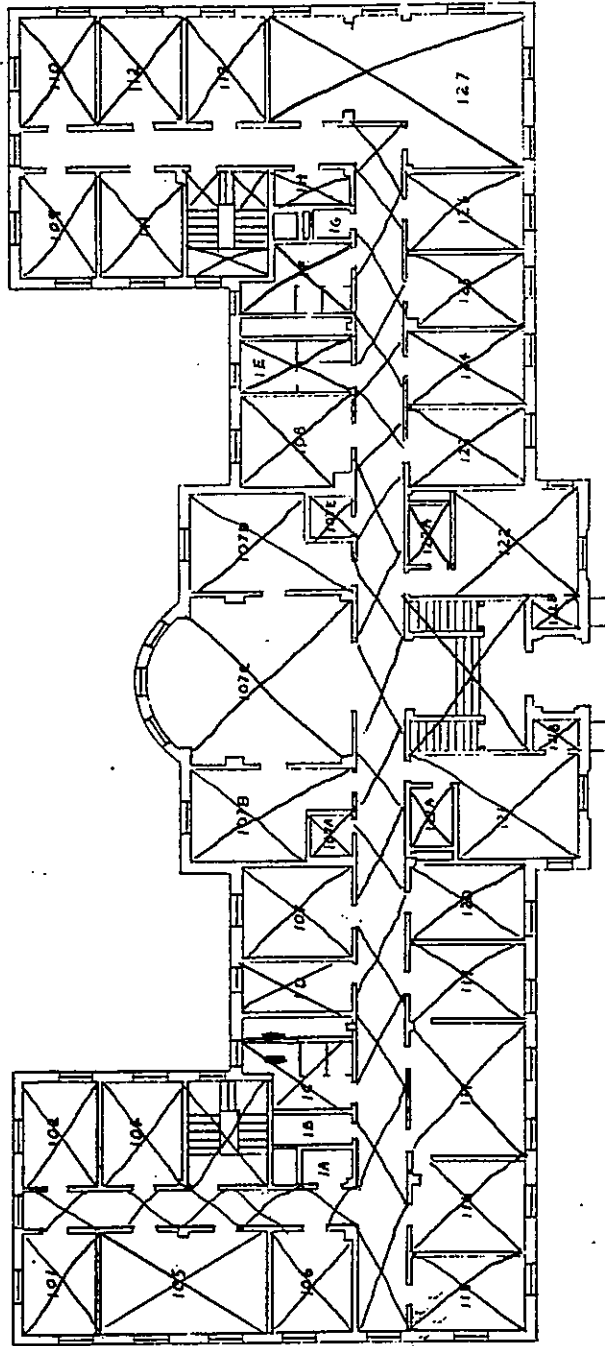
Room	Sq. Ft.
2	730
7	736
12	133
13	614
A	48
B	37
C	147
D	92
E	92
F	147
G	21
H	48
16	261
16A	20
17	161
18	900
19	161
20	261
20A	20
21	257
22	129
22A	117
23	131
24	129
Hall	1,503
Stairs	492
Halls	915
Total	8,102

Area	Sq. Ft.
Sub-Basement	885
Basement	8,102
1st floor	8,183
2nd floor	8,119
3rd floor	4,375
* Terrace/Roof Deck	522
Total	30,286

BASEMENT BUILDING 100 2/85

X = Mas

Building 100 Mastic

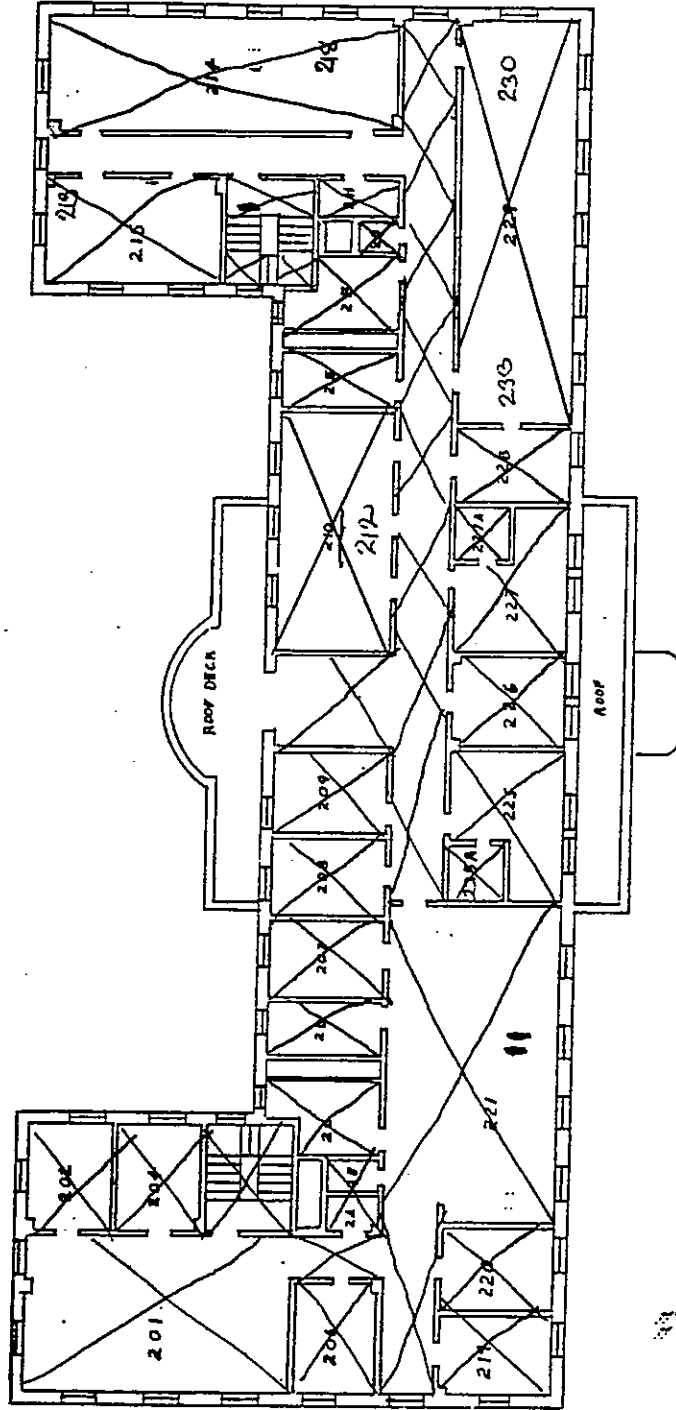


CHIRP BLDG 100
FIRST FLCCR 2/75

Room	Sq. F.
101	12
102	12
103	13
104	26
105	13
106	3
107	3
108	14
109	9
110	15
111	15
112	19
113	19
114	45
115	19
116	19
117	19
118	19
119	19
120	19
121	20
122	20
123	20
124	20
125	20
126	20
127	20
128	20
129	20
130	20
131	20
132	20
133	20
134	20
135	20
136	20
137	20
138	20
139	20
140	20
141	20
142	20
143	20
144	20
145	20
146	20
147	20
148	20
149	20
150	20
151	20
152	20
153	20
154	20
155	20
156	20
157	20
158	20
159	20
160	20
161	20
162	20
163	20
164	20
165	20
166	20
167	20
168	20
169	20
170	20
171	20
172	20
173	20
174	20
175	20
176	20
177	20
178	20
179	20
180	20
181	20
182	20
183	20
184	20
185	20
186	20
187	20
188	20
189	20
190	20
191	20
192	20
193	20
194	20
195	20
196	20
197	20
198	20
199	20
200	20
Halls	48
Stairs	48
Walls	72
Total:	8,18

Building 100 Natick

X = M

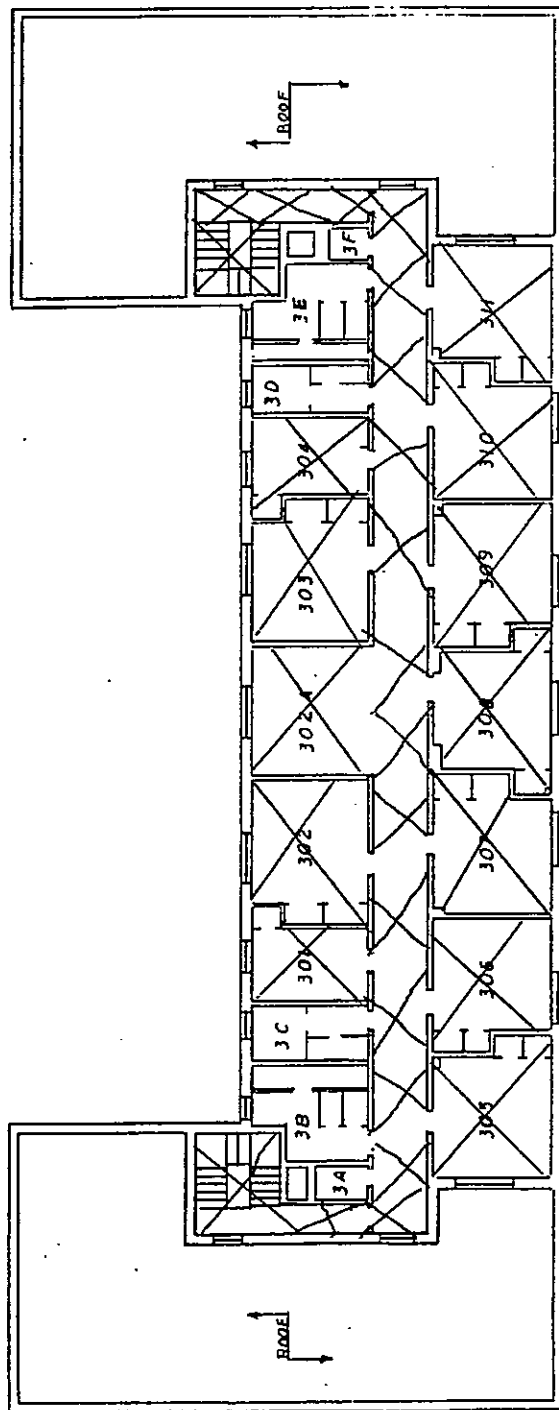


CHIRP BLDG. 100
—SECOND FLOOR 2/85

Room	Sq. Ft.
201	391
202	129
203	133
204	133
205	133
206	125
207	125
208	125
209	125
209A	146
210	373
211	524
212	247
213	129
214	131
215	502
216	146
217	169
218	49
219	189
220	49
221	131
222	502
223	31
224	28
225	147
226	92
227	92
228	147
229	21
230	49
231	131
232	502
233	31
234	28
235	147
236	92
237	92
238	147
239	21
240	49
Halls	1,313
Stairs	409
Halls	1,313
Tot.	8,119

X = MOC

Building 100 Mastic



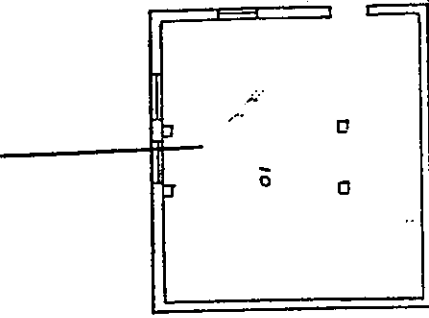
Room	Sq. Ft.
301	131
302	194
302A	210
303	194
304	131
305	190
306	190
307	191
308	190
309	191
310	110
311	190
3A	15
3B	110
3C	92
3D	92
3E	110
3F	21
Stairs	242
Halls	855
Walls	726
Total	4,375

CHIRP BLDG 100
THIRD FLOOR 2/15/73

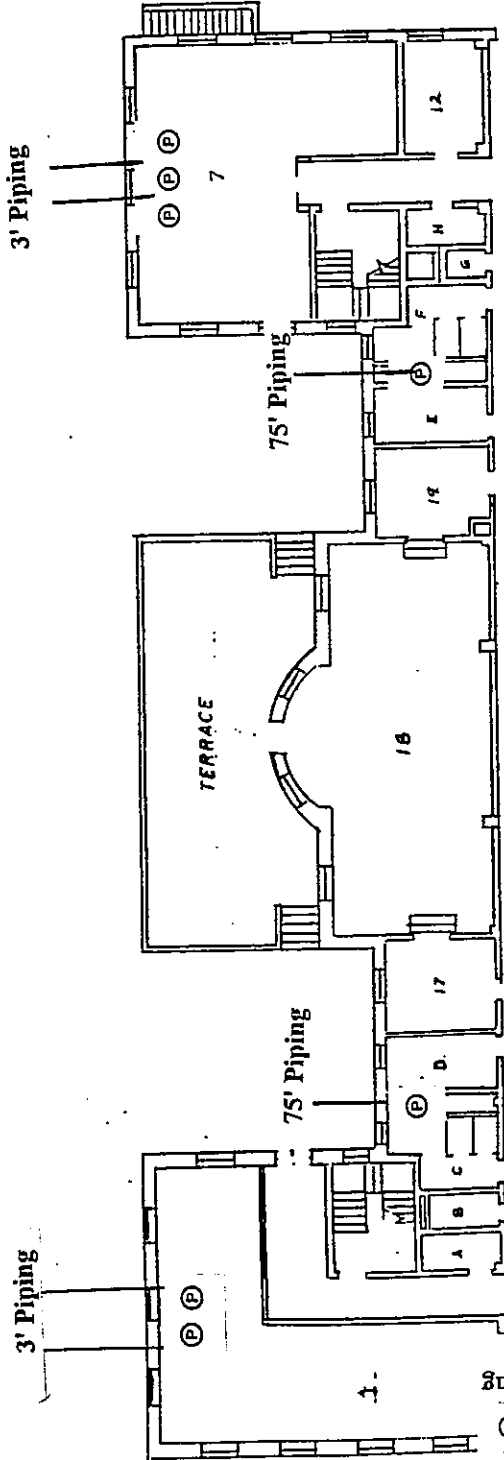
⊙ = Piping

Building 100 Piping Insulation

Sub-basement/Crawlspace
same as original Hall-Kimbrell report



SUB-BASEMENT



3' Piping

150' Piping

250' Piping

300' Piping

400' Piping

Sub-basement:
Room Sq. Ft.
01 885

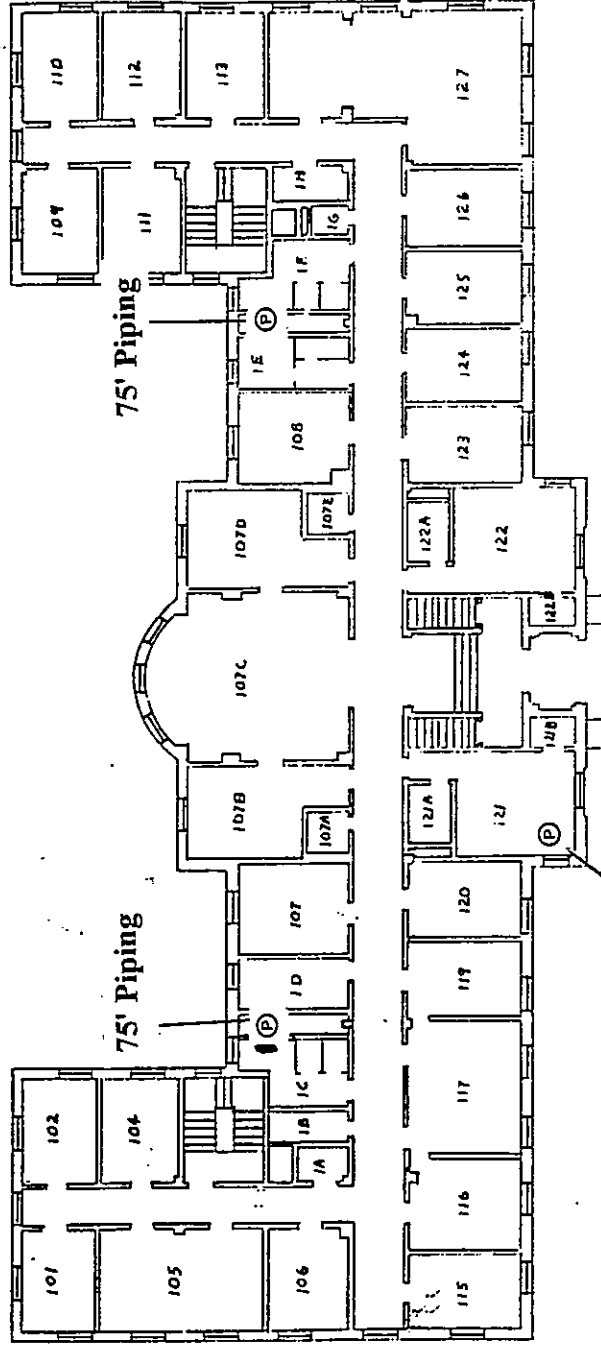
Basement	Room	Sq. Ft.
	2	730
	7	736
	12	133
	13	614
	A	48
	B	37
	C	147
	D	92
	E	92
	F	147
	G	21
	H	48
	16	261
	16A	20
	17	161
	18	900
	19	161
	20	261
	20A	20
	21	257
	22	129
	22A	117
	23	131
	24	129
	Hall	1,503
	Stairs	492
	Walls	915
	Total	8,302

Area	Sq. Ft.
Sub-Basement	885
Basement	8,302
1st floor	8,183
2nd floor	8,119
3rd floor	4,375
* Terrace/Roof Deck	522
Total:	30,286

BASEMENT BUILDING 100 2/25 @

© = Pipe Insulation

Building 100 Piping Insulation



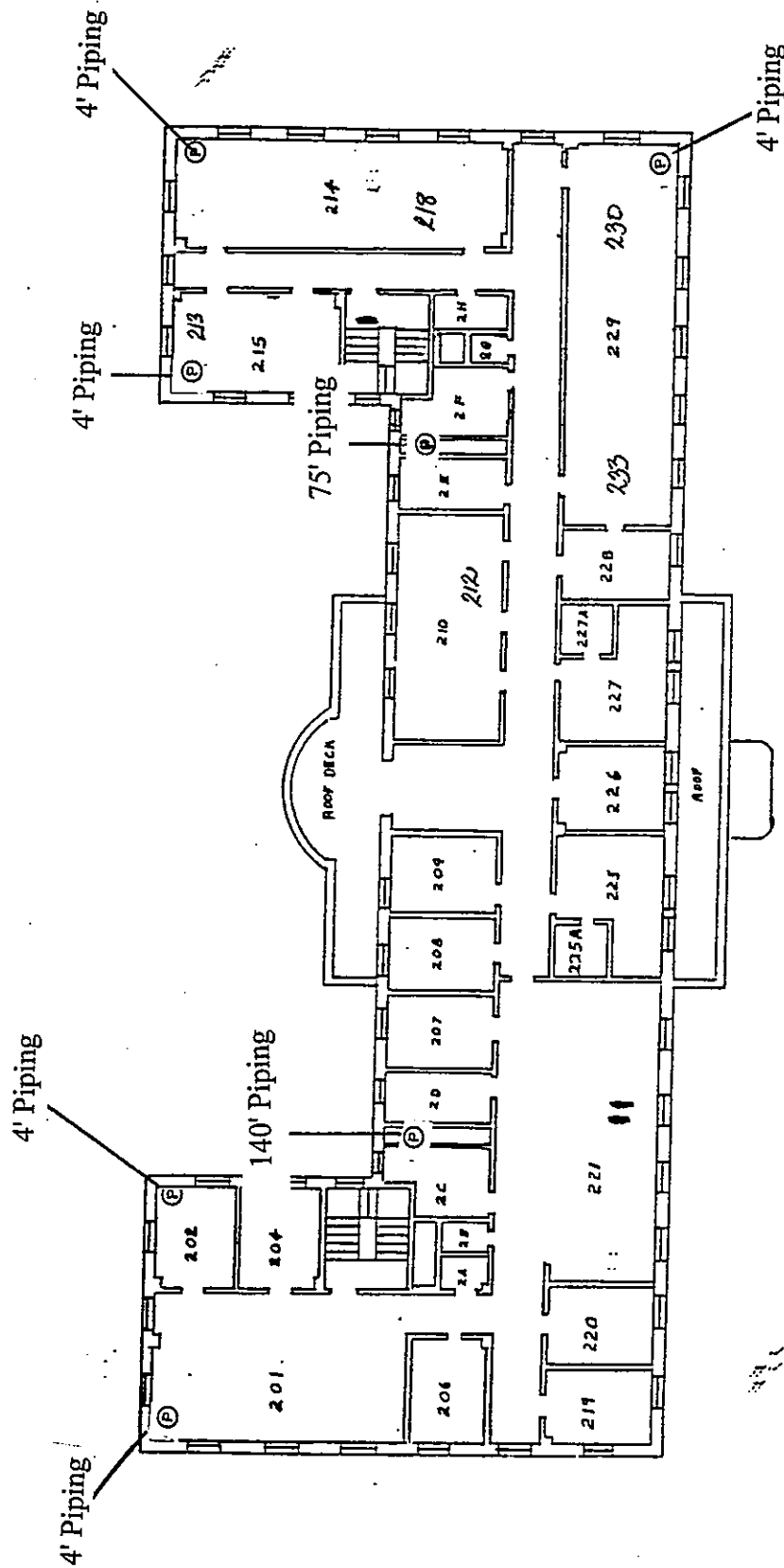
4' Piping

CHRR BLDG 100
FIRST FLOOR

Room	Sq. Ft.
101	129
102	129
104	133
105	262
106	133
1A	31
1B	37
1C	147
1D	92
107	156
107A	34
107B	194
107C	459
107D	194
107E	34
108	156
1E	97
1F	147
1G	17
1H	40
109	129
110	129
111	131
112	131
113	131
115	129
116	156
117	177
119	156
120	131
121	207
121A	52
121B	21
122	207
122A	52
122B	21
123	133
124	131
125	131
126	131
127	460
127A	1401
Stairs	485
Walls	720
Total	8,183

© = Pipe Insulation

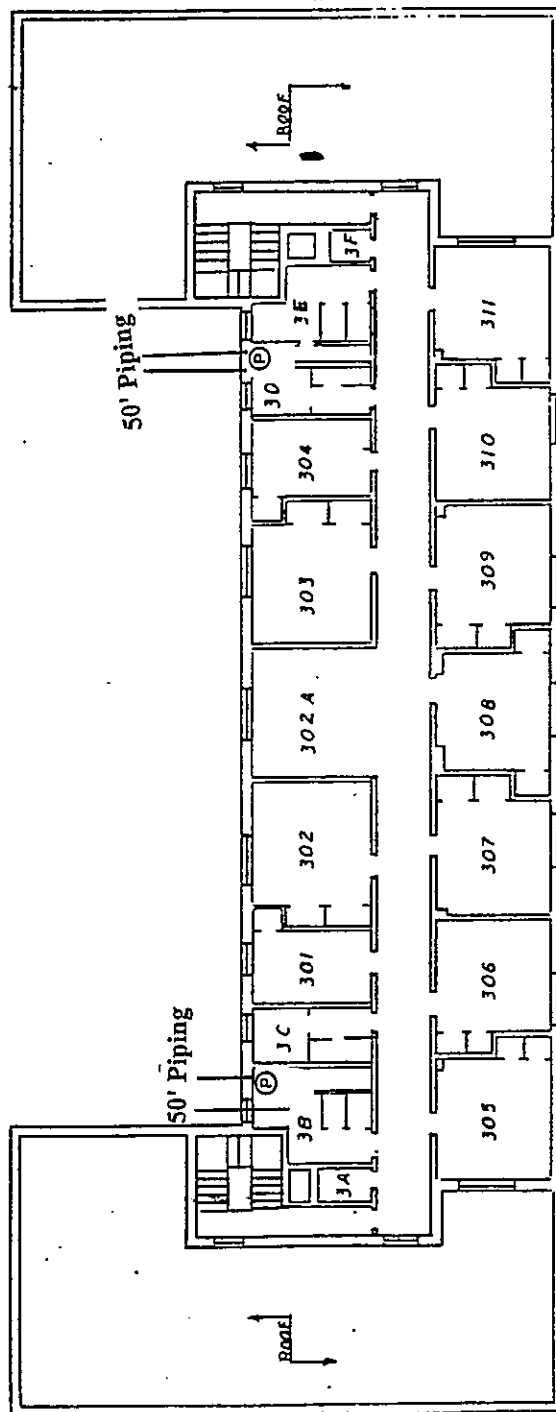
Building 100 Pipe Insulation



CHIRP BLDG. 100
SECOND FLOOR 2/15

Room	Sq. Ft.
201	391
202	129
203	133
204	133
205	133
206	125
207	125
208	125
209	125
209A	148
210	373
211	524
212	247
213	129
214	131
215	502
216	146
217	189
218	49
219	189
220	49
221	131
222	502
223	146
224	189
225	49
226	189
227	49
228	131
229	502
230	131
231	28
232	147
233	92
234	92
235	147
236	21
237	49
Halls	1,319
Stairs	409
Walls	1,314
Tot.	8,119

② = Piping Insulation



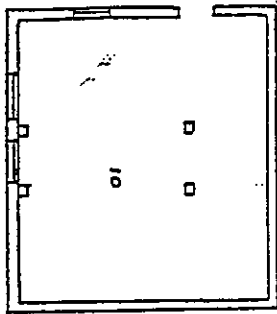
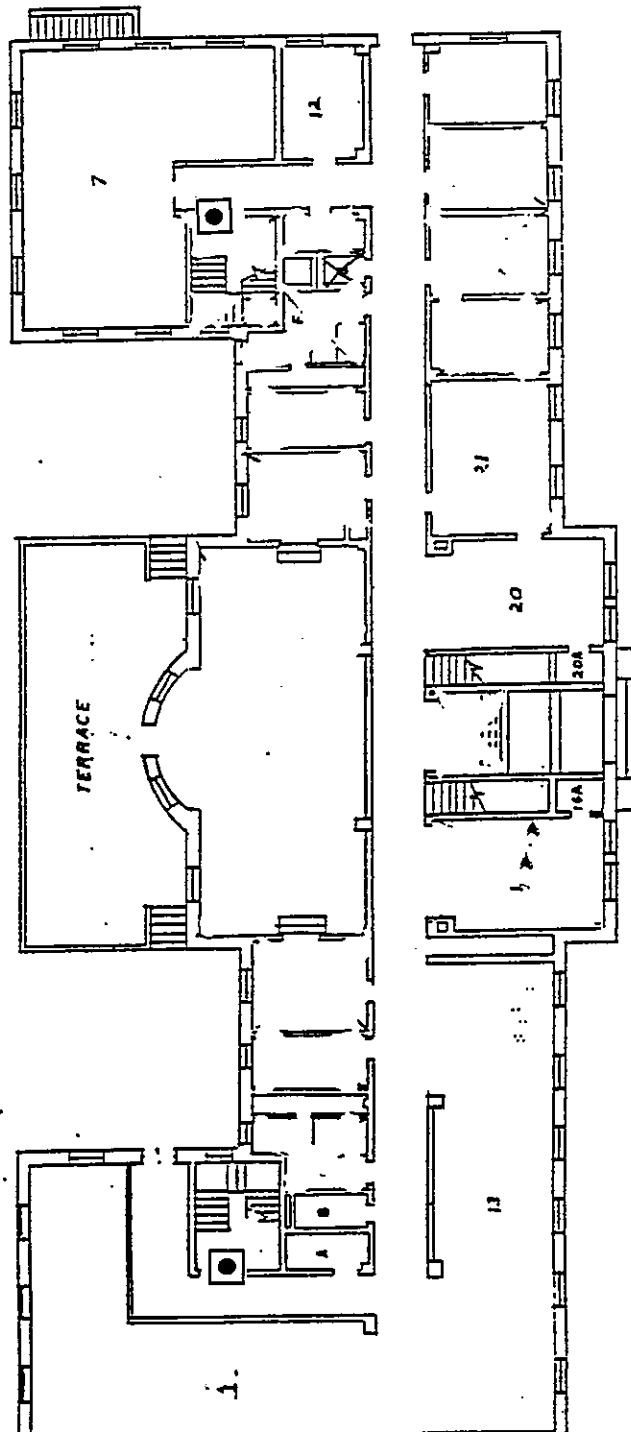
CHIRP BLDG 100
THIRD FLOOR 2/25/63

Room	Sq. Ft.
3rd Floor:	
301	131
302	194
302A	210
303	194
304	131
305	190
306	190
307	191
308	190
309	191
310	110
311	150
BA	15
JB	110
3C	92
DD	92
DE	110
3F	21
Stairs	242
Halls	855
Rest.	726
Totals	4,375

● = Fire Doors

Build 100

Fire Doors



SUB-BASEMENT

Sub-Basement
Room Sq. Ft.
01 885

Basement	Room	Sq. Ft.
	2	730
	7	216
	12	133
	13	614
	A	48
	B	37
	C	147
	D	92
	E	92
	F	147
	G	21
	H	48
	16	261
	16A	20
	17	161
	18	900
	19	161
	20	261
	20A	20
	21	257
	22	129
	22A	117
	23	131
	24	179
	Hall	1,503
	Stairs	492
	Halls	915
	Total	8,302

Area	Sq. Ft.
Sub-Basement	885
Basement	8,302
1st floor	8,183
2nd floor	8,119
3rd floor	4,375
A Terrace/Roof Deck	522
Total	30,386

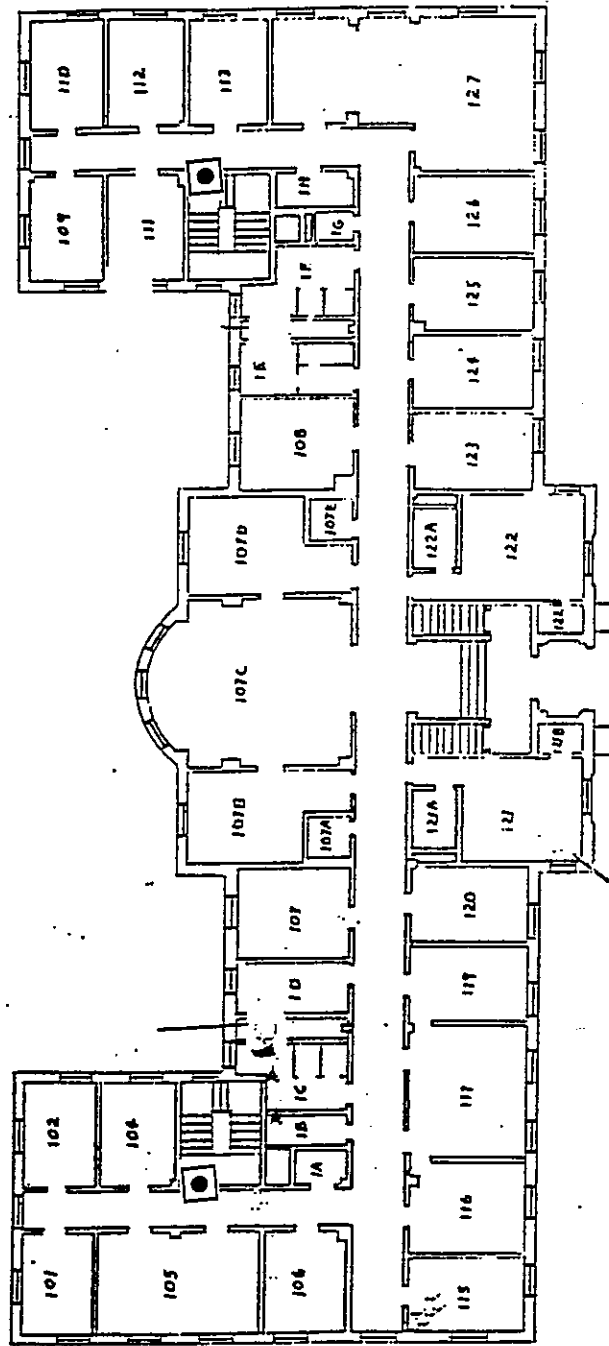
BASEMENT BUILDING 100

2/25 3

 = Fire Doors

Building 100

Fire Doors

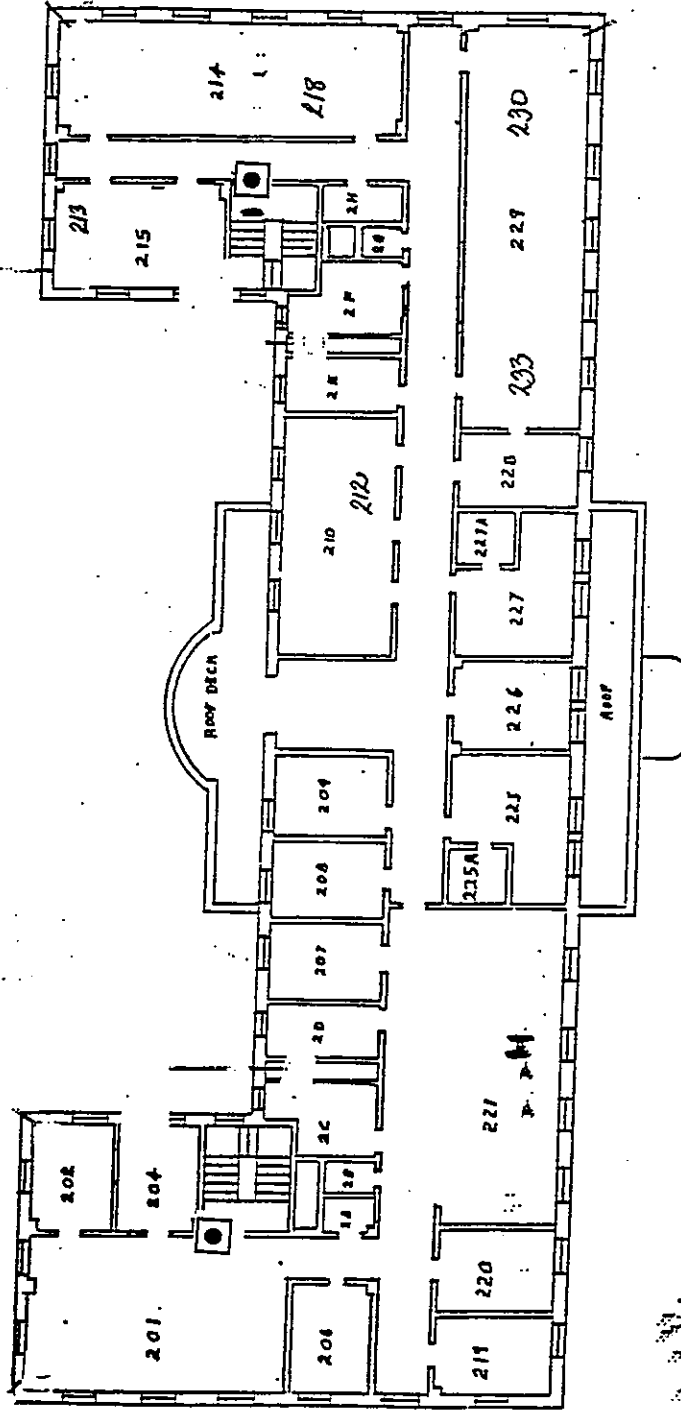


CHRP BLDG 100
FIRST FLOOR

First	Room
101	101
102	102
103	103
104	104
105	105
106	106
107	107
108	108
109	109
110	110
111	111
112	112
113	113
114	114
115	115
116	116
117	117
118	118
119	119
120	120
121	121
122	122
123	123
124	124
125	125
126	126
127	127
128	128
129	129
130	130
131	131
132	132
133	133
134	134
135	135
136	136
137	137
138	138
139	139
140	140
141	141
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■ = Fire Doors

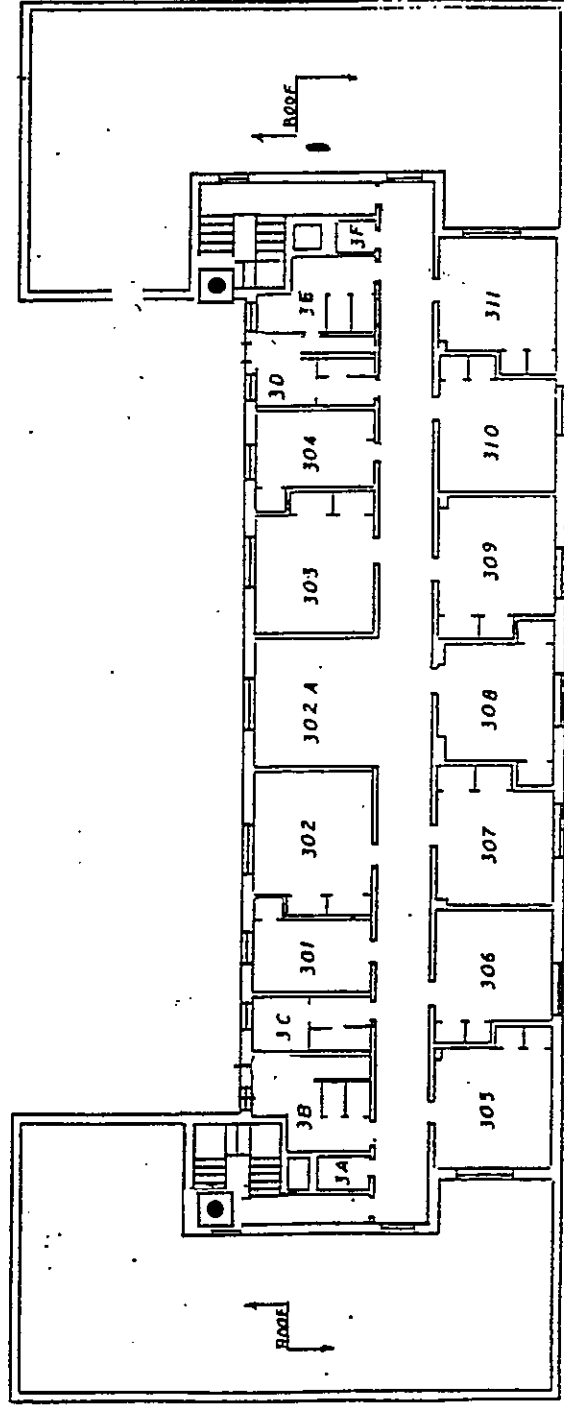
Building 100 Fire Doors



CHIRP BLDG. 100
—SECOND FLOOR—

Room	Sq. Ft.
201	391
202	129
203	131
204	131
205	131
206	131
207	125
208	125
209	125
209A	148
210	323
211	524
212	247
213	129
214	131
215	502
216	146
217	189
218	49
219	189
220	49
221	131
222	131
223	131
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398	131
399	131
400	131

Builing 100 Fire Doors



CHIRP BLDG 100
THIRD FLOOR 2/11/73

Room	Sq. Ft.
301	131
302	194
302A	210
303	194
304	131
305	190
306	190
307	191
308	190
309	191
310	110
311	190
3A	15
3B	110
3C	92
3D	92
3E	110
3F	21
Stairs	242
Halls	855
Walls	726
Total	4,375

Legend: = Fire Door

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 100

Date: March 2000
Inspector Name: Brian Jones

Page 1 of 9

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1977	Floor Tile	1 st Fl Room 121 N. W. corner	Brown with white 9 x 9 Floor tile	7,463 SF Entire 1 st Flr.	10% Chrysotile	4
VAT-1978	Floor Tile	2 nd Fl Room 226 S. W. corner	Brown with white 9 x 9 Floor tile	6,805 SF Entire 2 nd Flr.	10% Chrysotile	4
VAT-1979	Floor Tile	3 rd fl Room 305 S. W. corner	Brown with white 9 x 9 Floor tile	3,649 SF Entire 3 rd Flr.	10% Chrysotile	4
VAT-1980	Floor Tile	1 st Fl Hallway Center	Tan with black 9 x 9 Floor tile	1,4041 Sq. Ft.	5% Chrysotile	4
VAT-1981	Floor Tile	2 nd Fl Hallway Center	Tan with black 9 x 9 Floor tile	1,319 Sq. Ft.	5% Chrysotile	4
VAT-1982	Floor Tile	3 rd Fl Hallway Center	Tan with black 9 x 9 Floor tile	855 Sq. Ft.	5% Chrysotile	4
VAT-1983	Floor Tile	1 st Fl room 119 West side	Green with white 9 x 9 Floor tile	156 Sq. Ft.	10% Chrysotile	4

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 100

Date: March 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1984	Floor Tile	2 nd Fl Room 224 Center	Green with white 9 x 9 Floor tile	13 sq. ft.	10% Chrysotile	4
VAT-1985	Floor Tile	3 rd Fl Room 302 N. W. corner	Green with white 9 x 9 Floor tile	194 sq. ft.	10% Chrysotile	4
VAT-1986	Floor Tile	1 st fl room 123 N. E. corner	Lt. Brown with white 9 x 9 Floor tile	133 sq. ft.	10% Chrysotile	4
VAT-1987	Floor Tile	1 st Fl room 124 South side	Lt. Brown with white 9 x 9 Floor tile	131 sq. ft.	10% Chrysotile	4
VAT-1988	Floor Tile	1 st Fl Room 126 North side	Lt. Brown with white 9 x 9 Floor tile	131 sq. ft.	10% Chrysotile	4
MA-1989	Mastic	1 st Fl Room 126 N. E. corner	Black mastic under Lt. Brown 9 x 9	131 sq. ft.	10% Chrysotile	4
MA-1990	Mastic	2 nd Fl Room 227 West side	Black mastic under Lt. Brown 9 x 9	189 sq. ft.	10% Chrysotile	4

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 100

Date: March 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-1991	Mastic	3 rd Fl Room 301 East side	Black mastic under Lt. Brown 9 x 9	131 sq. ft.	10% Chrysotile	4
MA-1992 b	Mastic	1 st Fl room 127 West side	Black mastic under White with black 12 x 12 Floor tile	460 sq. ft.	5% Chrysotile	4
VAT-1993 a	Floor Tile	2 nd Fl Room 214 West side	White with black 12 x 12 Floor tile	524 sq. ft.	5% Chrysotile	4
MA-1994 b	Mastic	2 nd fl Room 239	Black mastic under White with black 12 x 12 Floor tile	502 sq. ft.	5% Chrysotile	4
TA-2034	Roof Tar	Roof S. E. corner	Black tar on slate roof	522 sq. ft.	10% Chrysotile	5
TA-2035	Roof Tar	Roof East side	Black tar on slate roof	500 sq. ft.	10% Chrysotile	5
TA-2036	Roof Tar	Roof N. E. corner	Black tar on slate roof	500 sq. ft.	2% Chrysotile	5
WC-2042	Window caulking	Basement window West side	White window caulking	All windows	2% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 100

Date: March 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PC-HK-01	Pipe Covering	Basement -01	Mjip on cardboard/paper	9' Lf	See HK report	4
PC-HK-02	Pipe Covering	Basement - Room 13	Mjip on cardboard/paper	3' Lf	See HK report	4
PC-HK-03	Pipe Covering	Basement -13	Mjip on cardboard/paper	400' Lf	See HK report	4
PC-HK-04	Pipe Covering	Basement -Between room 13 and 16 (Pipe Chase)	Mjip on cardboard/paper	See HK report	See HK report	4
PC-HK-05	Pipe Covering	Basement -Room 16	Mjip on cardboard/paper	300' Lf	See HK report	4
PC-HK-06	Floor Tile	Basement -Room 16	9x9 Brown floor tile/mastic	261 Sq. Ft.	10% Chrysotile	4
PC-HK-07	Pipe Covering	Basement -20	Mjip on cardboard/paper	250' Lf.	See HK report	4
PC-HK-08	Pipe Covering	Basement -21	Mjip on cardboard/paper	150' Lf	See HK report	4

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 100

Date: March 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PC-HK-09	Floor Tile	Basement --Room 21	9x9 Brown floor tile/mastic	257 Sq. Ft.	10% Chrysotile	4
PC-HK-10	Floor Tile	Basement --Room 22A	9x9 Brown floor tile/mastic	20 Sq. Ft.	10% Chrysotile	4
PC-HK-11	Floor Tile	Basement --Room 22	9x9 Brown floor tile/mastic	129 Sq. Ft.	10% Chrysotile	4
PC-HK-12	Floor Tile	Basement --Room 23	9x9 Brown floor tile/mastic	131 Sq. Ft.	10% Chrysotile	4
PC-HK-13	Pipe Covering	Basement --Room 7	Mjp on cardboard/paper	9' Lf	See HK report	4
PC-HK-14	Pipe Covering	Basement --Between room E and F (Pipe Chase)	Mjp on cardboard/paper	75' Lf	See HK report	4
PC-HK-15	Floor Tile	Basement --Room 19	9x9 Brown floor tile/mastic	161 Sq. Ft.	10% Chrysotile	4
PC-HK-16	Floor Tile	Basement --Room 18	9x9 Brown floor tile/mastic	161 Sq. Ft.	10% Chrysotile	4

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 100

Date: March 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PC-HK-17	Floor Tile	Basement--Room 17	9x9 Brown floor tile/mastic	161 Sq. Ft.	10% Chrysotile	4
PC-HK-18	Floor Tile	Basement--Room	9x9 Brown floor tile/mastic	20 Sq. Ft.	10% Chrysotile	4
PC-HK-19	Pipe Covering	Basement--Between room D and C (Pipe Chase)	Mjp on cardboard/paper	75' Lf	See HK report	4
PC-HK-20	Floor Tile	First Floor--Room 103/105	Mastic	262 Sq. Ft.	10% Chrysotile	4
PC-HK-21	Pipe Covering	First Floor--Between room 1C and 1D (Pipe Chase)	Mjp on cardboard/paper	75' Lf	See HK report	4
PC-HK-22	Floor Tile	First Floor--Between room 1C and 1D (Stack of floor tile storage in area)	9x9 Brown floor tile/mastic		10% Chrysotile	4
PC-HK-23	Pipe Covering	First Floor--Between room 1E and 1F (Pipe Chase)	Mjp on cardboard/paper	75' Lf	See HK report	4
PC-HK-24	Floor Tile	First Floor--Room 114/127	Mastic	460 Sq. Ft.	10% Chrysotile	4

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 100

Date: March 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PC-HK-25	Pipe Covering	First Floor-Room 121	Mjp on cardboard/paper	4' Lf	See HK report	4
PC-HK-26	Pipe Covering	Second Floor-Room 201	Mjp on cardboard/paper	4' Lf	See HK report	4
PC-HK-27	Pipe Covering	Second Floor-Room 204	Mjp on cardboard/paper	4' Lf	See HK report	4
PC-HK-28	Pipe Covering	Second Floor --Between room 2C and 2D (Pipe Chase)	Mjp on cardboard/paper	40 Lf	See HK report	4
PC-HK-29	Mastic	Second Floor- Room 2D	Mastic	92 Sq. Ft.	10% Chrysotile	4
PC-HK-30	Mastic	Second Floor- Room 210/2121	Mastic	373 Sq. Ft.	10% Chrysotile	4
PC-HK-31	Pipe Covering	Second Floor --Between room 2E and 2F (Pipe Chase)	Mjp on cardboard/paper	75' Lf	See HK report	4
PC-HK-32	Mastic	Second Floor-Room 213/215	Mastic	247' Lf	See HK report	4

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 100

Date: March 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PC-HK-33	Pipe Covering	Second Floor-Room 213	Mjp on cardboard/paper	4' Lf.	See HK report	4
PC-HK-34	Floor Tile	Second Floor-Stairwell and 2H	9x9 Brown Floor Tile	409 Sq. Ft.	10% Chrysotile	4
PC-HK-35	Pipe Covering	Second Floor-Room 214	Mjp on cardboard/paper	4' Lf.	See HK report	4
PC-HK-36	Pipe Covering	Second Floor -Room 229	Mjp on cardboard/paper	4' Lf.	See HK report	4
PC-HK-37	Mastic	Second Floor- Room 214/218	Mastic	524' Sq. Ft.	10% Chrysotile	4
PC-HK-38	Mastic	Second Floor- Room 229	Mastic	502' Sq. Ft.	10% Chrysotile	4
PC-HK-39	Mastic	Second Floor-Room 228	Mastic	131' Lf	10% Chrysotile	4
PC-HK-40	Mastic	Second Floor-Room 227A	Mastic	49' Lf	10% Chrysotile	4

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 100

Date: March 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PC-HK-41	Pipe Covering	Third Floor --Between room 3B and 3C (Pipe Chase)	Mjp on cardboard/paper	50'Lf.	See HK report	4
PC-HK-42	Floor Tile	Third Floor-Stairwells	9x9 Brown Floor Tile	242 Sq. Ft.	10% Chrysotile	4
PC-HK-43	Pipe Covering	Third Floor --Between room 3D and 3E (Pipe Chase)	Mjp on cardboard/paper	50'Lf.	See HK report	4

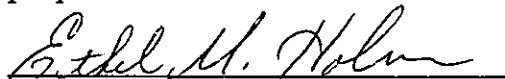
STATEMENT FOR ASBESTOS ASSESSMENT REPORT

The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia, has been prepared and covers the following Building 100 Personal Storage Building. I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.


Asbestos Inspector

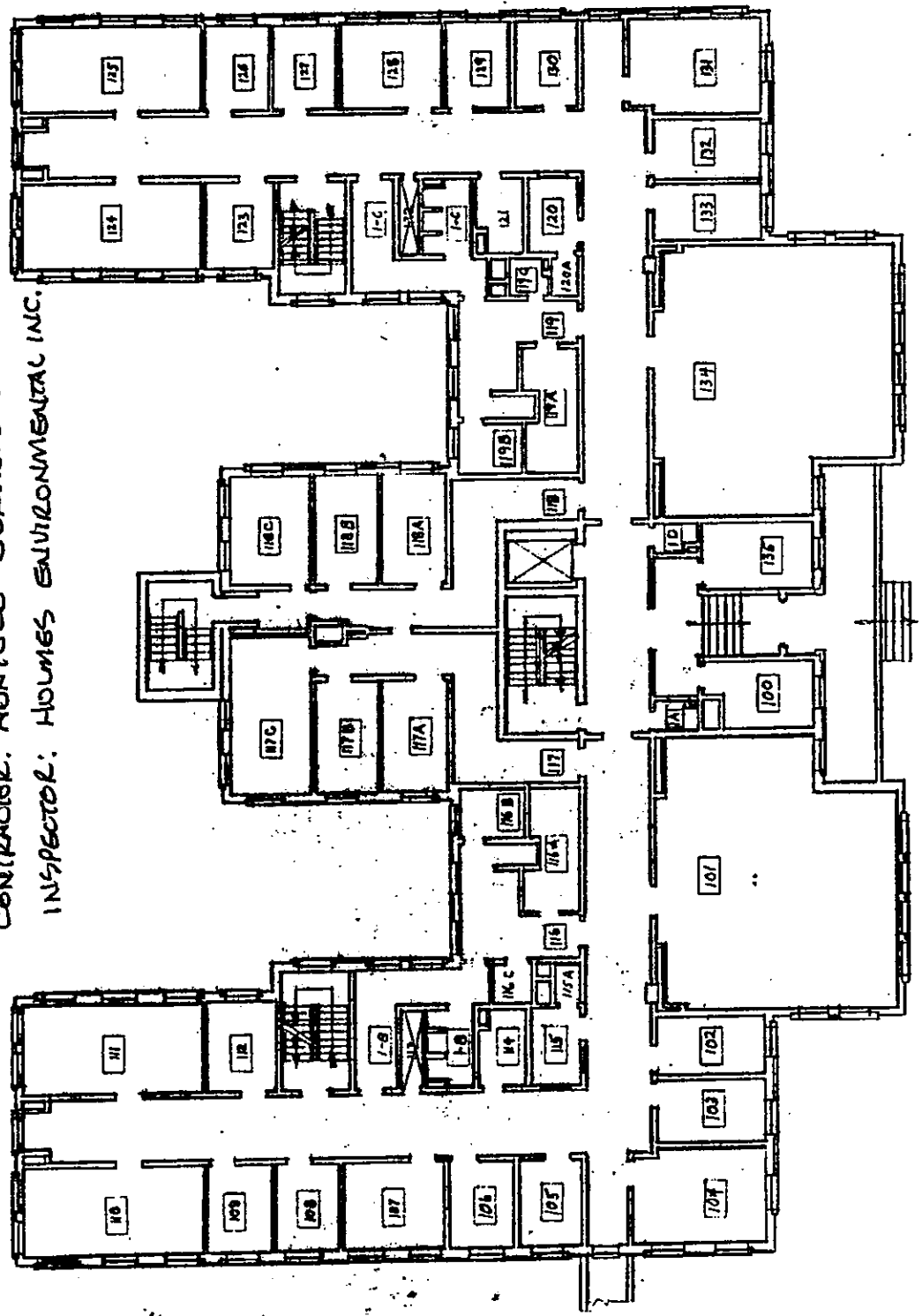
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License Number

AUG 2000
Date

BUILDING 101

Bldg. 101,	
B-3, 1st Floor	
100	113
1A	23
101	950
102	98
103	104
104	203
105	93
106	89
107	139
108	89
109	89
110	242
111	245
112	96
113	21
114	56
115	67
115A	15
116	140
116A	105
116B	57
116C	22
1-B	220
117A	109
117B	112
117C	197
118A	107
118B	110
118C	140
119	140
119A	105
119B	57
119C	22
1C	220
120	67
120A	15
121	56
122	21
123	99
124	243
125	240
126	88
127	88
128	138
129	88
130	88
131	196
132	104
133	101
134	950
1D	21
135	121
Elevator	42
Halls/Stairs	3,279
Walls/Part.	3,765

PROJECT: 720-16043-15
 DATE: 9/30/02
 SCOPE: ASBESTOS PIPE INSULATION REMOVED
 PIPE RE-INSULATED WITH ARMAFLEX INSUL.
 CONTRACTOR: ABATECO SERVICES INC.
 INSPECTOR: HOUNES ENVIRONMENTAL INC.



Bldg. 101	
B-4, 2nd Floor	
ROOM NO.	SQ. FT.
200	112
201	113
2A	23
202	950
203	98
204	104
205	203
206	93
207	89
208	139
209	89
210	89
211	282
212	245
213	96
214	21
215	56
216	67
216A	15
217	140
217A	105
217B	57
217C	22
218	220
218A	109
218B	112
218C	140
219A	109
219B	112
219C	197
220	140
220A	105
220B	57
220C	22
221	67
221A	15
222	56
223	21
224	99
225	253
226	250
227	88
228	88
229	138
230	98
231	86
232	196
233	104
234	101
235	950
20	21
236	121
Elevator	42
Halls/Stairs	1,164
Walls/Part	---

PROJECT: 720-16043-15

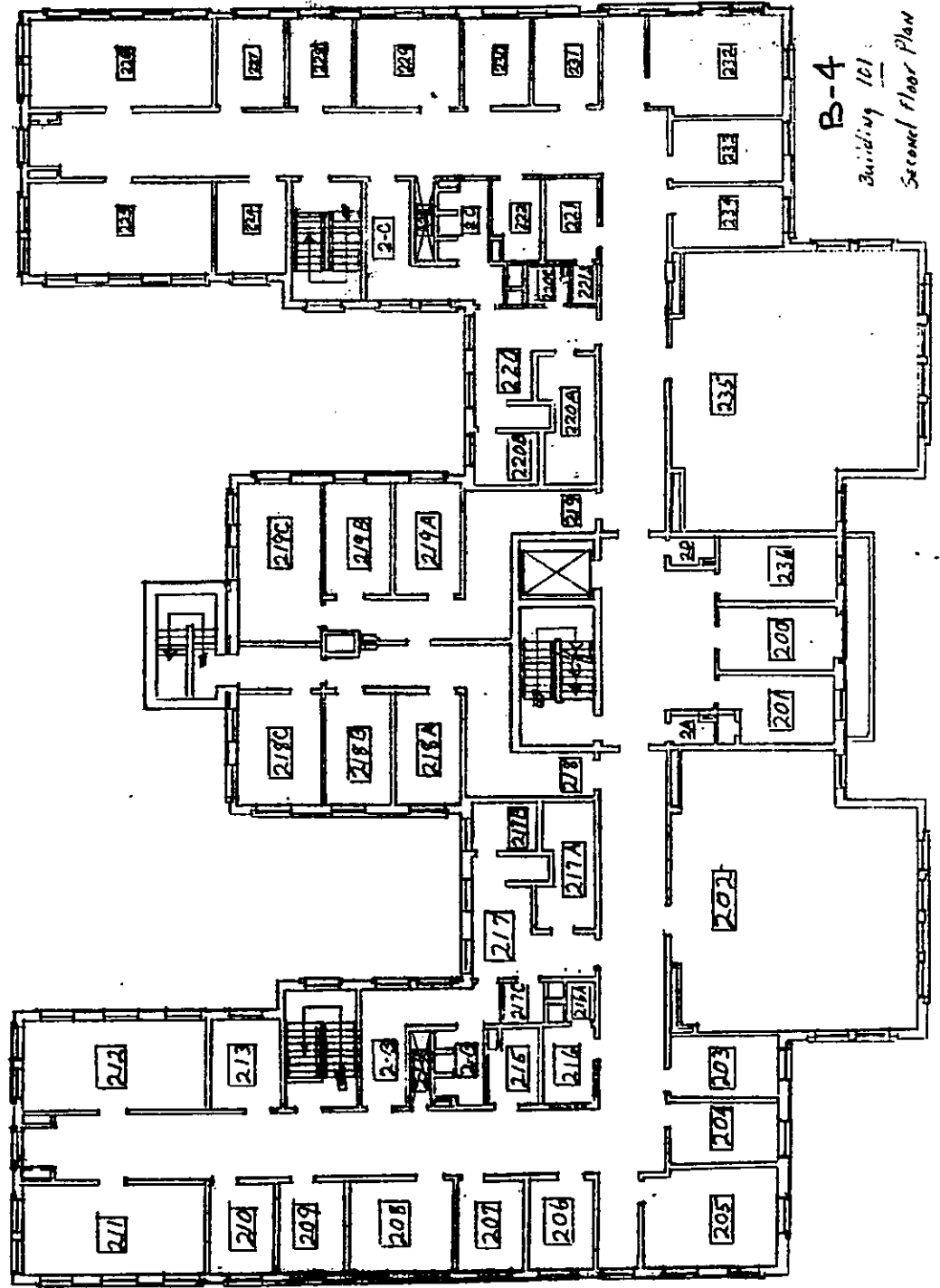
DATE: 9/30/02

SCOPE: ASBESTOS PIPE INSULATION REMOVED

PIPE RE-INSULATED WITH ARMAFLEX INSUL.

CONTRACTOR: ABATECO SERVICES INC.

INSPECTOR: HOLMES ENVIRONMENTAL INC.



B-4
Building 101
Second Floor Plan

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET

ATTN: Lynn Wilkens

COMPANY: _____

SUBJECT: Dept of Mental
Health - Asbestos fire doorDATE: 8/21/00
FROM: Debbie Wagner
PHONE: 1-800-678-8910
FAX: 1-920-487-3636Lynn -

Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

*NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1*IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.Debbie Wagner

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000

Page 1 of 4

Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SL-1974	Slate	Roof	Slate caulk, black	100 SF	5% Chrysotile	5
SL-1975	Slate	Roof	Slate caulk, black	100 SF	10% Chrysotile	5
SL-1976	Slate	Roof	Slate caulk, black	100 SF	10% Chrysotile	5
PC-HK-01	Pipe Covering	Room 2	Piping Covering/Mud	25 LF	See HK report	1
PC-HK-02	Pipe Covering	Room 3	Piping Covering/Mud	15 LF	See HK report	1
PC-HK-03	Pipe Covering	Room 4	Piping Covering/Mud	5 LF	See HK report	1

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000
Inspector Name: Brian Jones

Page 2 of 4

PC-HK-04	Pipe Covering	Room 6	Piping Covering/Mud	128 LF Partial abated	See HK report	1
PC-HK-05	Pipe Covering	Room 11	Piping Covering/Mud	50 LF	See HK report	1
PC-HK-06	Pipe Covering	Room 12	Piping Covering/Mud	40 LF	See HK report	1
PC-HK-07	Pipe Covering	Room 14	Piping Covering/Mud	65 LF	See HK report	1
PC-HK-08	Pipe Covering	Room 15	Piping Covering/Mud	128 LF Partial abated	See HK report	1
PC-HK-09	Pipe Covering	Room 11	Piping Covering/Mud	50 LF	See HK report	1

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000
Inspector Name: Brian Jones

Page 3 of 4

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PC-HK-10	Pipe Covering	Stairwell between rooms 15 and 16	Piping Covering/Mud	15 LF	See HK report	1
PC-HK-11	Pipe Covering	Room 113	Piping Covering/Mud	75 LF	See HK report	1
PC-HK-12	Pipe Covering	Room 122	Piping Covering/Mud	75 LF	See HK report	1
PC-HK-13	Pipe Covering	Room 214	Piping Covering/Mud	50 LF	See HK report	1
PC-HK-14	Pipe Covering	Room 223	Piping Covering/Mud	75 LF	See HK report	1
FD-01	Fire Doors	All rooms on basement floor	Fire Doors	23 Doors	See Algoma sheet	5

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000
Inspector Name: Brian Jones

Page 1 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1945	12x12 Floor Tile	Room 101-13 S.W. corner	12x12 floor tile white with tan	210 Sq. Ft.	0	
GM-1946	Glue	Room 101-13 N.W. corner	Glue under the 12x12 floor tile white with tan	210 Sq. Ft.	0	
VAT-1947	12x12 Floor Tile	Room 101-13 S.W. corner	12x12 floor tile white with tan	210 Sq. Ft.	0	
GM-1948	Glue	Room 101-13 N.W. corner	Glue under the 12x12 floor tile white with tan	210 Sq. Ft.	0	
VAT-1949	12x12 Floor Tile	Room 101-13 S.W corner	12x12 floor tile white with tan	210 Sq. Ft.	0	
GM-1950	Glue	Room 101-13 N.W. corner	Glue under the 12x12 floor tile white with tan	210 Sq. Ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000
Inspector Name: Brian Jones

Page 2 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
BB-1951	Cove base	Room 101-13 S.W. corner	Cove base	4,168 Sq. Ft.	0	
GM-1952	Glue	Room 101-13 S.W. corner	Glue under the cove base	4,168 Sq. Ft.	0	
BB-1953	Cove base	Room 101-13A N.E. corner	Cove base	4,166 Sq. Ft.	0	
GM-1954	Glue	Room 101-13A N.E. corner	Glue under the cove base	4,166 Sq. Ft.	0	
BB-1955	Cove base	Room 101-16A S.E. corner	Cove base	4,166 Sq. Ft.	0	
GM-1956	Glue	Room 101-16A N.E. corner	Glue under the cove base	4,166 Sq. Ft.	0	
IN-1958	Insulation	Room 113 East Wall	Cork Insulation Black & brown	21 LF	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000

Page 3 of 5

Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-1959	Insulation	Room 223 East Wall	Cork Insulation Black & brown	19 LF	0	
PL-1960	Plaster Finish Coat Walls	Room 101-8 North wall	Plaster white finish coat on walls	33,945 SF	0	
PL-1961	Grey Undercoat	Room 101-8 North wall	Grey undercoat	33,945 SF	0	
PL-1962	Plaster Finish Coat Walls	Room 101-11 West wall	Plaster white finish coat on walls	33,945 SF	0	
PU-1963	Grey Undercoat	Room 101-11 West wall	Grey undercoat	33,945 SF	0	
PL-1964	Plaster Finish Coat Walls	Room 114 West wall	Plaster white finish coat on walls	33,945 SF	0	
PU-1965	Grey Undercoat	Room 114 West wall	Grey undercoat	33,945 SF	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000

Page 4 of 5

Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1966	Plaster Finish Coat Walls	Room 121 West wall	Plaster white finish coat on walls	33,945 SF	0	
PL-1967	Plaster Finish Coat Walls	Room 215 West wall	Plaster white finish coat on walls	33,945 SF	0	
PU-1968	Grey Undercoat	Room 215 West wall	Grey undercoat	33,945 SF	0	
PL-1969	Plaster Finish Coat Walls	Room 222 West wall	Plaster white finish coat on walls	33,945 SF	0	
PU-1970	Grey Undercoat	Room 222 West wall	Grey undercoat	33,945 SF	0	
SL-1971	Slate	Roof	Slate caulk, black	100 SF	5% Chrysotile	5
SL-1972	Slate	Roof	Slate caulk, black	100 SF	10% Chrysotile	5

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000
Inspector Name: Brian Jones

Page 5 of 5

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SL-1973	Slate	Roof	Slate caulk, black	100 SF	10% Chrysotile	5

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 101

Major Agency: 720
Using Agency: 706
Construction Date: 1952
Gross Sq. Feet: 41619

Area Number: 1 -Description: Room 2,3,4,11,12,14 and 15. Note: There pipe covering/mud material in this area.

Area Number: 2 -Description: Stairwell (West) Note: There pipe covering/mud material in this area.

Area Number: 3 -Description: Room 6 Note: Partial abated on pipe covering/mud material in this area.

Area Number: 4 -Description: Room 214 and 223 Note:
There is piping insulation with mud fittings.

Area Number: 5 -Description: Room 113 and 122 Note: There pipe covering/mud material in this area.

Area Number: 6-Description: Walk-thru tunnel
The insulation and fittings were removal from the area
Pipes were re-insulation in November 1999.

Asbestos Removed From this Area

Area Number: 7-Description: Room 101-5/101-6
Note: The insulation and fittings were removal from the area
Pipes were re-insulation in November 1999.

Asbestos Removed From this Area

Area Number: 8-Description: Rooms 116A, 119A, 217A and 220A
Note: The material found in the area was 9x9 (Brown) floor tile.
The floor tile were removal in September 1999.

Asbestos Removed From this Area

Area Number: 9- Description: Bathroom Pipe Chases
Note: The material found in the pipe chase has suffered
extensive water damage.

Asbestos Removed From this Area

Area Number: 10-Description: Semi permanent ceilings

Asbestos Removed From this Area

Area Number: 11-Description: Basement-Above Drop Ceiling

Asbestos Removed From this Area

Area Number: 12-Description: Basement-Excluding Rooms 9 and 23
Note: Exposed piping is found in most rooms of the basement, except those with a drop ceiling.

Asbestos Removed From this Area

Area Number: 13-Description: Mechanical Room 9 and 23
Note: Pipe chases lead straight up from center of room 23. Room 9 Holds domestic water chiller and air handler. Domestic water heater has Unwrapped mudded packing on top and bottom.

Asbestos Removed From this Area

HOLMES ENVIRONMENTAL, INC.

1600 East Little Creek Road, Suite 308

Norfolk, Virginia 23518

Office 757-587-1164 Fax 757-587-1352

E-Mail : henvinc@aol.com

Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 2, 2000

DATE OF ANALYSIS: July 6, 2000

DATE OF REPORT: July 7, 2000

CLIENT PROJECT NAME: Building 101, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1945	101-1/ White Floor Tile	NAD	5% Cellulose 95% Non-Fibrous
1946	101-1A/ Tannish Glue	NAD	100% Non-Fibrous
1947	101-2/ White Floor Tile	NAD	5% Cellulose 95% Non-Fibrous
1948	101-2A/ Tannish Glue	NAD	100% Non-Fibrous
1949	101-3/ White Floor Tile	NAD	5% Cellulose 95% Non-Fibrous
1950	101-3A/ Tannish Glue	NAD	100% Non-Fibrous
1951	101-4/ Covebase	NAD	100% Non-Fibrous
1952	101-4A/ Glue	NAD	100% Non-Fibrous
1953	101-5/ Covebase	NAD	100% Non-Fibrous
1954	101-5A/ Glue	NAD	100% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS
CLIENT PROJECT NUMBER: Western State Hospital, Building 101

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1955	101-6/ Covebase	NAD	100% Non-Fibrous
1956	101-6A/ Glue	NAD	100% Non-Fibrous
1957	101-7/ Cork Insulation	NAD	98% Cellulose 2% Non-Fibrous
1958	101-8/ Cork Insulation	NAD	98% Cellulose 2% Non-Fibrous
1959	101-9/ Cork Insulation	NAD	98% Cellulose 2% Non-Fibrous
1960	101-10/ White Plaster	NAD	5% Cellulose 95% Non-Fibrous
1961	101-10A/ White Plaster	NAD	5% Cellulose 95% Non-Fibrous
1962	101-11/ White Plaster	NAD	5% Cellulose 95% Non-Fibrous
1963	101-11A/ White Plaster	NAD	5% Cellulose 95% Non-Fibrous
1964	101-12/ White Plaster	NAD	5% Cellulose 95% Non-Fibrous
1965	101-12A/ Gray Powder	NAD	100% Non-Fibrous
1966	101-13/ White Plaster	NAD	100% Non-Fibrous
1967	101-13A/ Gray Plaster	NAD	100% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS
CLIENT PROJECT NUMBER: Western State Hospital, Building 101

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1968	101-14/ White Plaster	NAD	100% Non-Fibrous
1969	101-14A/ Gray Plaster	NAD	100% Non-Fibrous
1970	101-15/ White Plaster	NAD	100% Non-Fibrous
1971	101-15A/ Gray Plaster	NAD	100% Non-Fibrous
1972	101-16/ White Plaster	NAD	100% Non-Fibrous
1973	101-16A/ Gray Plaster	NAD	100% Non-Fibrous
1974	101-17/ Black Slate Caulk	5% Chrysotile	10% Cellulose 85% Non-Fibrous
1975	101-18/ Black Slate Caulk	10% Chrysotile	10% Cellulose 80% Non-Fibrous
1976	101-19/ Black Slate Caulk	10% Chrysotile	10% Cellulose 80% Non-Fibrous

REPORTING LIMIT: 1% Asbestos

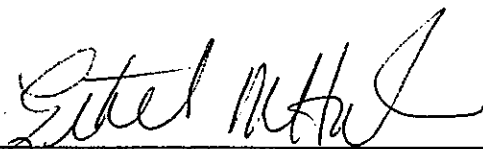
METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NUMBER: Western State Hospital, Building 101

Reviewed by Authorized Signature: 

Ethel M. Holmes, Laboratory Director
Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND:	NAD: no asbestos detected	SCF: suspected ceramic fibers
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*****END OF REPORT*****

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000

Page 1 of 5

Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1945	12x12 Floor Tile	Room 101-13 S.W. corner	12x12 floor tile white with tan	210	0	
GM-1946	Glue	Room 101-13 N.W. corner	Glue under the 12x12 floor tile white with tan	210	0	
VAT-1947	12x12 Floor Tile	Room 101-13 S.W. corner	12x12 floor tile white with tan	210	0	
GM-1948	Glue	Room 101-13 N.W. corner	Glue under the 12x12 floor tile white with tan	210	0	
VAT-1949	12x12 Floor Tile	Room 101-13 S.W. corner	12x12 floor tile white with tan	210	0	
GM-1950	Glue	Room 101-13 N.W. corner	Glue under the 12x12 floor tile white with tan	210	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000
Inspector Name: Brian Jones

Page 2 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
BB-1951	Cove base	Room 101-13 S.W. corner	Cove base	4,168 LF	0	
GM-1952	Glue	Room 101-13 S.W. corner	Glue under the cove base	4,168 LF	0	
BB-1953	Cove base	Room 101-13A N.E. corner	Cove base	4,166 LF	0	
GM-1954	Glue	Room 101-13A N.E. corner	Glue under the cove base	4,166 LF	0	
BB-1955	Cove base	Room 101-16A S.E. corner	Cove base	4,166 LF	0	
GM-1956	Glue	Room 101-16A N.E. corner	Glue under the cove base	4,166 LF	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000

Page 3 of 5

Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-1957	Insulation	Room 113 East Wall	Cork Insulation	21 LF	0	
IN-1958	Insulation	Room 214 East Wall	Cork Insulation Black & brown	19 LF	0	
IN-1959	Insulation	Room 223 East Wall	Cork Insulation Black & brown	19 LF	0	
PL-1960	Plaster Finish Coat Walls	Room 101-8 North wall	Plaster white finish coat on walls	33,945 SF	0	
PL-1961	Grey Undercoat	Room 101-8 North wall	Grey undercoat	33,945 SF	0	
PL-1962	Plaster Finish Coat Walls	Room 101-11 West wall	Plaster white finish coat on walls	33,945 SF	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000
Inspector Name: Brian Jones

Page 4 of 5

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1963	Grey Undercoat	Room 101-11 West wall	Grey undercoat	33,945 SF	0	
PL-1964	Plaster Finish Coat Walls	Room 114 West wall	Plaster white finish coat on walls	33,945 SF	0	
PU-1965	Grey Undercoat	Room 114 West wall	Grey undercoat	33,945 SF	0	
PL-1966	Plaster Finish Coat Walls	Room 121 West wall	Plaster white finish coat on walls	33,945 SF	0	
PL-1967	Plaster Finish Coat Walls	Room 215 West wall	Plaster white finish coat on walls	33,945 SF	0	
PU-1968	Grey Undercoat	Room 215 West wall	Grey undercoat	33,945 SF	0	
PL-1969	Plaster Finish Coat Walls	Room 222 West wall	Plaster white finish coat on walls	33,945 SF	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

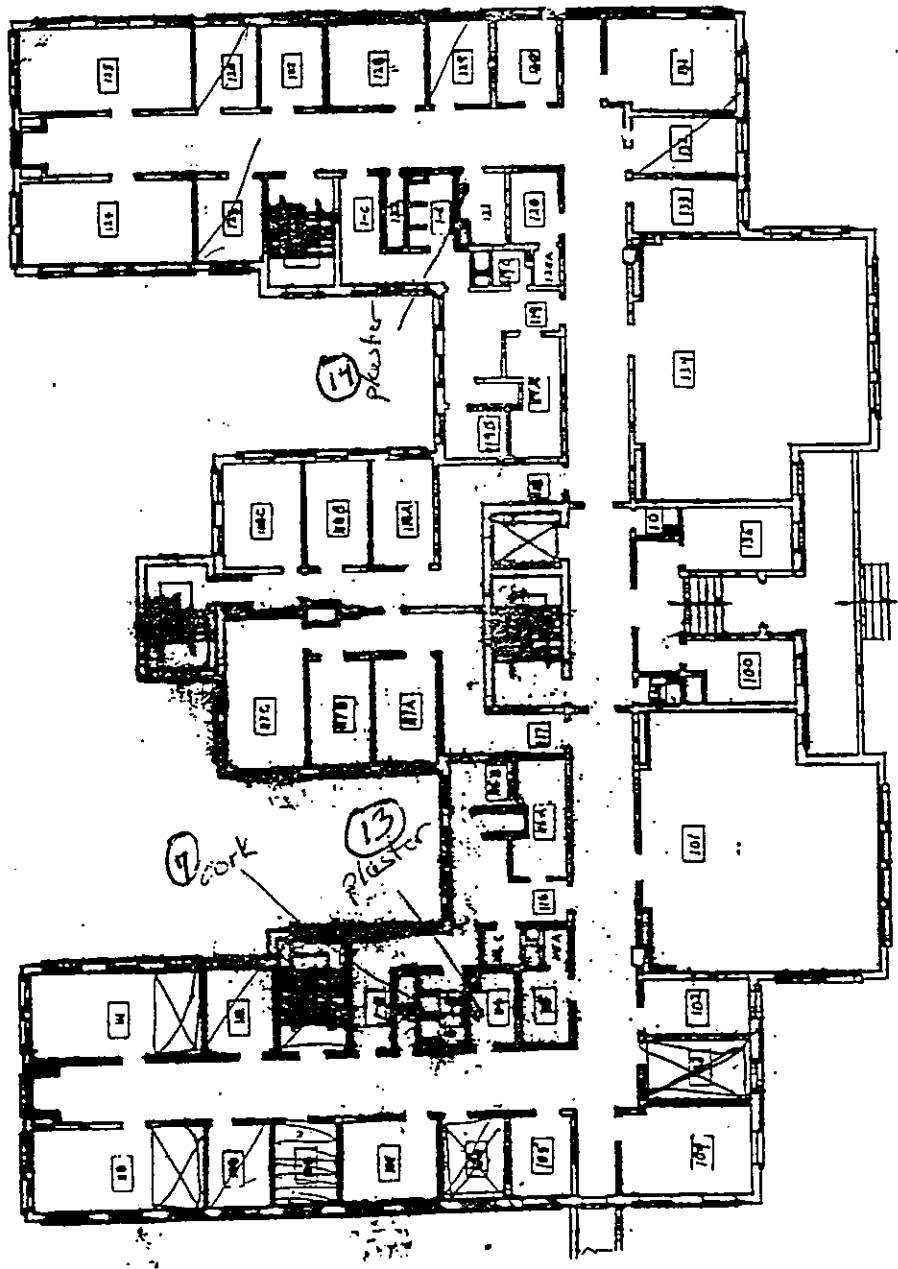
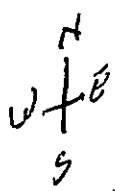
Date: March 2000

Page 5 of 5

Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1970	Grey Undercoat	Room 222 West wall	Grey undercoat	33,945 SF	0	

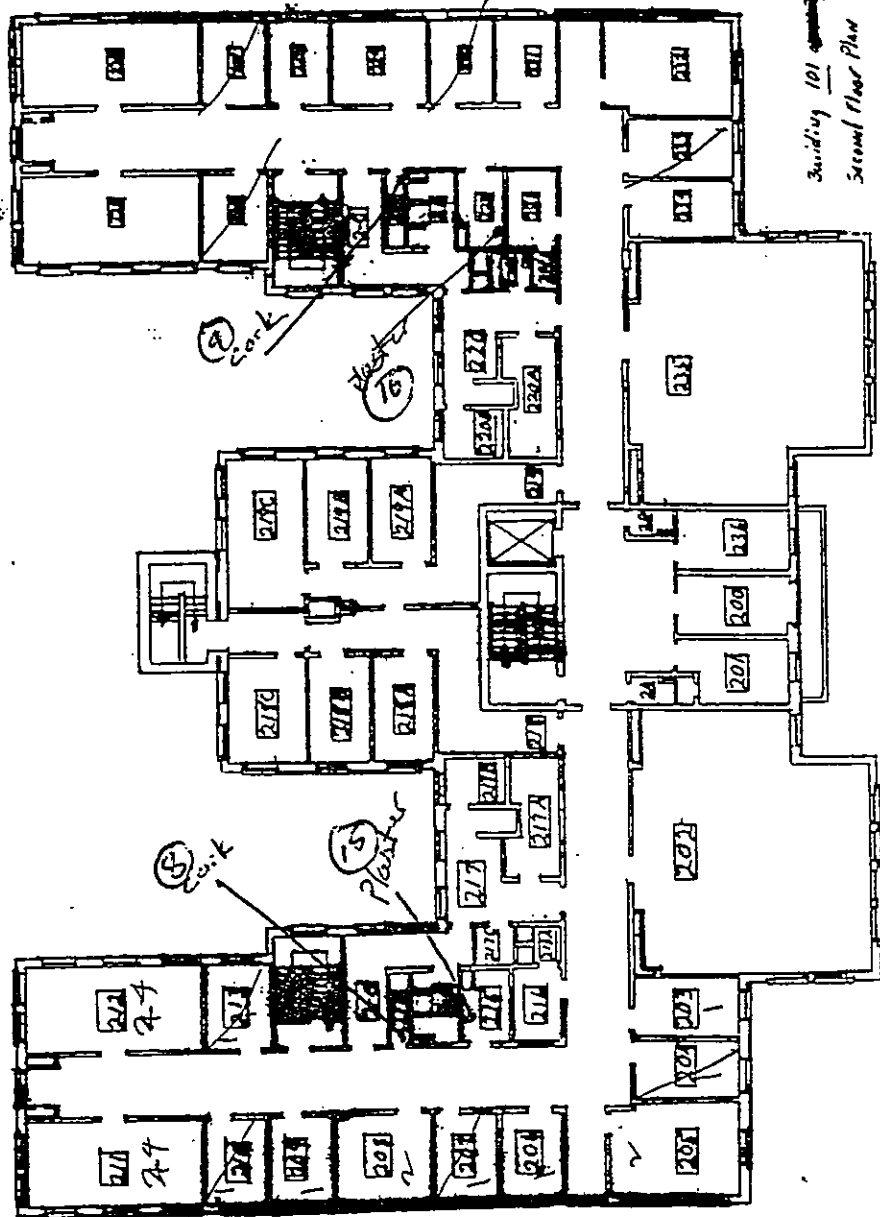
3149. 101,
B-1, 1st Floor
100 113
101 950
102 98
103 101
104 201
105 91
106 39
107 139
108 89
109 89
110 242
111 745
112 94
113 21
114 56
115 67
115A 15
116 140
116A 105
116B 37
116C 22
117 220
117A 109
117B 112
117C 192
118 107
118A 110
118B 140
119 140
119A 105
119B 57
119C 22
120 210
120 67
120A 15
121 56
122 21
123 99
124 243
125 240
126 98
127 88
128 126
129 88
130 88
131 196
132 104
133 101
134 950
135 121
Elevator #2
Halls/Stairs
3,279
Walls/Part.
3,785
Total 14,405



FIRST FLOOR PLAN
BUILDING 101

Bldg. 101	2nd Floor
Room No.	Sq. Ft.
200	112
201	113
2A	23
202	350
203	78
204	104
205	203
206	93
207	89
208	119
209	85
210	89
211	242
212	245
213	96
214	21
215	56
216	67
216A	11
217	130
217A	105
217B	57
217C	72
218	220
218A	102
218B	112
218C	140
219A	109
219B	112
219C	137
220	140
220A	105
220B	57
220C	21
221	67
221A	15
222	56
223	21
224	99
225	241
226	240
227	98
228	88
229	138
230	88
231	86
232	196
233	104
234	101
235	950
236	111
Elevator	32
Halls/Stairs	3,168
Halls/Part	3,766
Total	19,405

15 to 17 beds



Building 101
Second Floor Plan

Roof
17
18
19

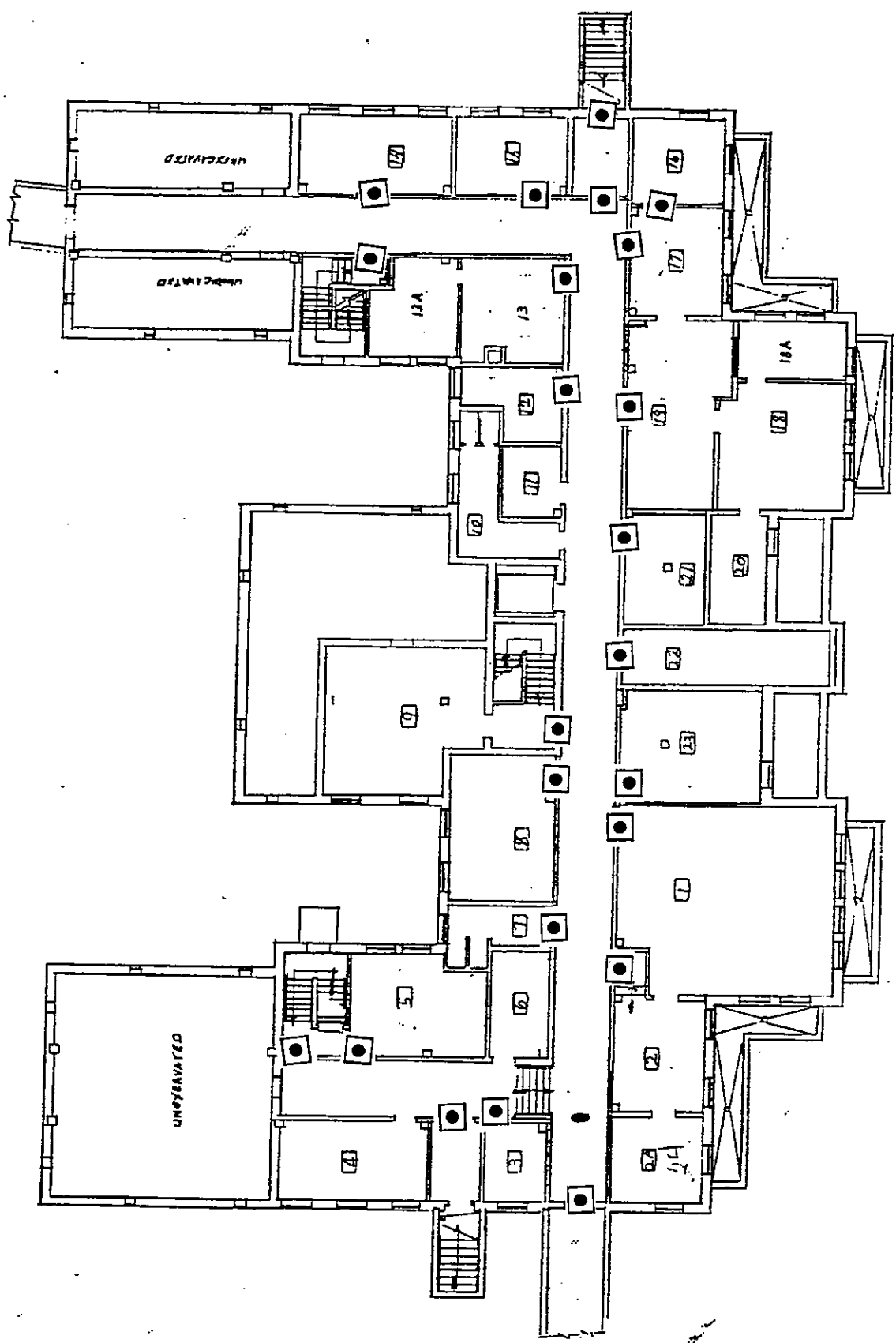
220 A
Removal of 15x

9-11 am
1-2 pm

Building 101 Fire Doors

ASBESTOS CONTAINING MATERIAL

● = Fire Doors



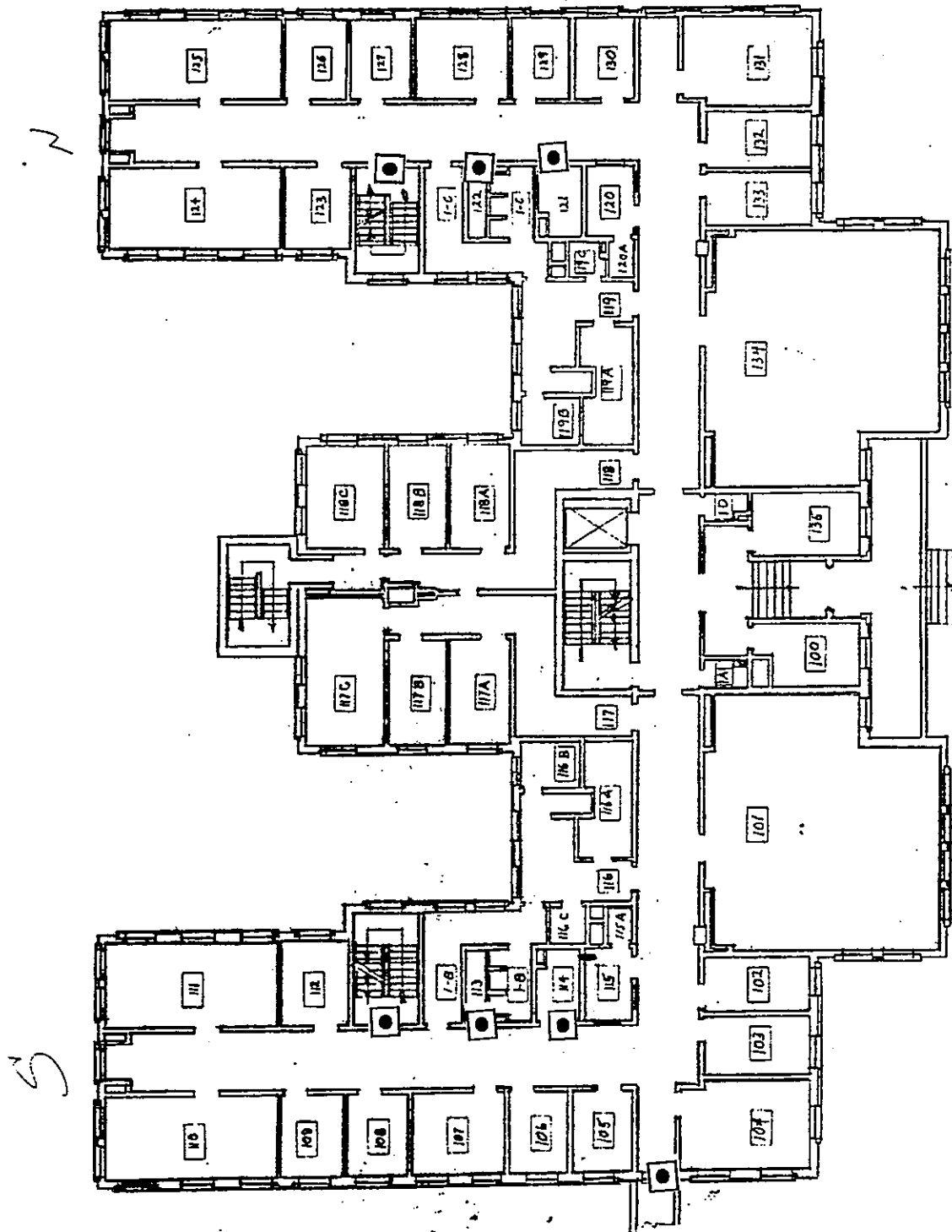
Bldg. 101	
Basement	
Room	Sq. Ft.
1	10
2	25
3	28
4	21
5	21
6	21
7	28
8	21
9	40
10	17
11	19
12	18
13	21
14	15
15	20
16	18
17	20
18	38
19	4
20	38
21	120
22	100
23	26
24	31
25	18
26	42
27	35
28	42
29	35
30	35
31	35
32	35
33	35
34	35
35	35
36	35
37	35
38	35
39	35
40	35
41	35
42	35
43	35
44	35
45	35
46	35
47	35
48	35
49	35
50	35
51	35
52	35
53	35
54	35
55	35
56	35
57	35
58	35
59	35
60	35
61	35
62	35
63	35
64	35
65	35
66	35
67	35
68	35
69	35
70	35
71	35
72	35
73	35
74	35
75	35
76	35
77	35
78	35
79	35
80	35
81	35
82	35
83	35
84	35
85	35
86	35
87	35
88	35
89	35
90	35
91	35
92	35
93	35
94	35
95	35
96	35
97	35
98	35
99	35
100	35
Total	12,191
Basement	12,191
1st Fl.	15,495
2nd Fl.	16,495
3rd Fl.	518
Total	44,889

Stairs added to building in 1976

BASEMENT PLAN
Bldg. 101
Revised Aug. 30, 80

Building 101 Fire Doors ASBESTOS CONTAINING MATERIAL

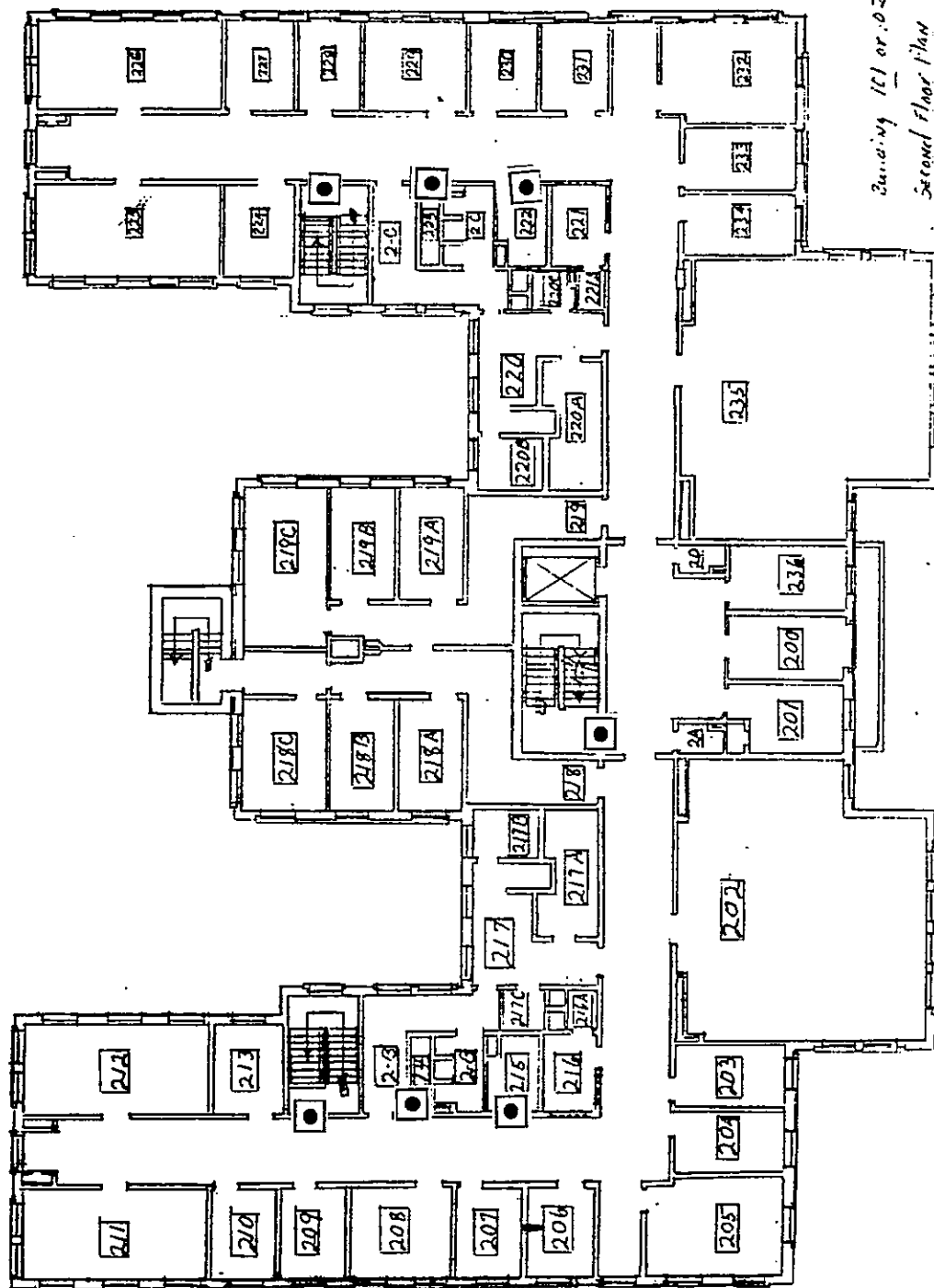
100	23
101	950
102	98
103	104
104	203
105	93
106	89
107	139
108	89
109	89
110	242
111	245
112	96
113	21
114	56
115	67
115A	15
116	140
116A	105
116B	57
116C	22
1-B	220
117A	109
117B	112
117C	197
118A	107
118B	110
118C	140
119	140
119A	105
119B	57
119C	22
1-C	220
120	67
120A	15
121	56
122	21
123	99
124	243
125	240
126	88
127	88
128	138
129	88
130	88
131	196
132	104
133	101
134	950
10	21
135	121
Elevator	42
Halls/Stairs	3,279
Halls/Part.	3,265
Total	14,305



 = Fire Door

ROOM NO	SQ. FT.
200	112
201	113
2A	23
202	950
203	98
204	104
205	203
206	93
207	89
208	139
209	89
210	89
211	242
212	245
213	96
214	21
215	56
216	67
216A	15
217	140
217A	105
217B	57
217C	22
218	220
218A	109
218B	112
218C	140
219A	109
219B	112
219C	197
220	140
220A	105
220B	57
220C	22
2C	220
221	67
221A	15
222	56
223	21
224	99
225	243
226	240
227	88
228	88
229	138
230	80
231	86
232	196
233	104
234	101
235	950
2D	21
236	121
Elevator	42
Halls/Stairs	
Walls/Part	3,164
Total	31,766
	14,405

Building 101 Fire Doors ASBESTOS CONTAINING MATERIAL



Building 101 or 02
 Second Floor Plan

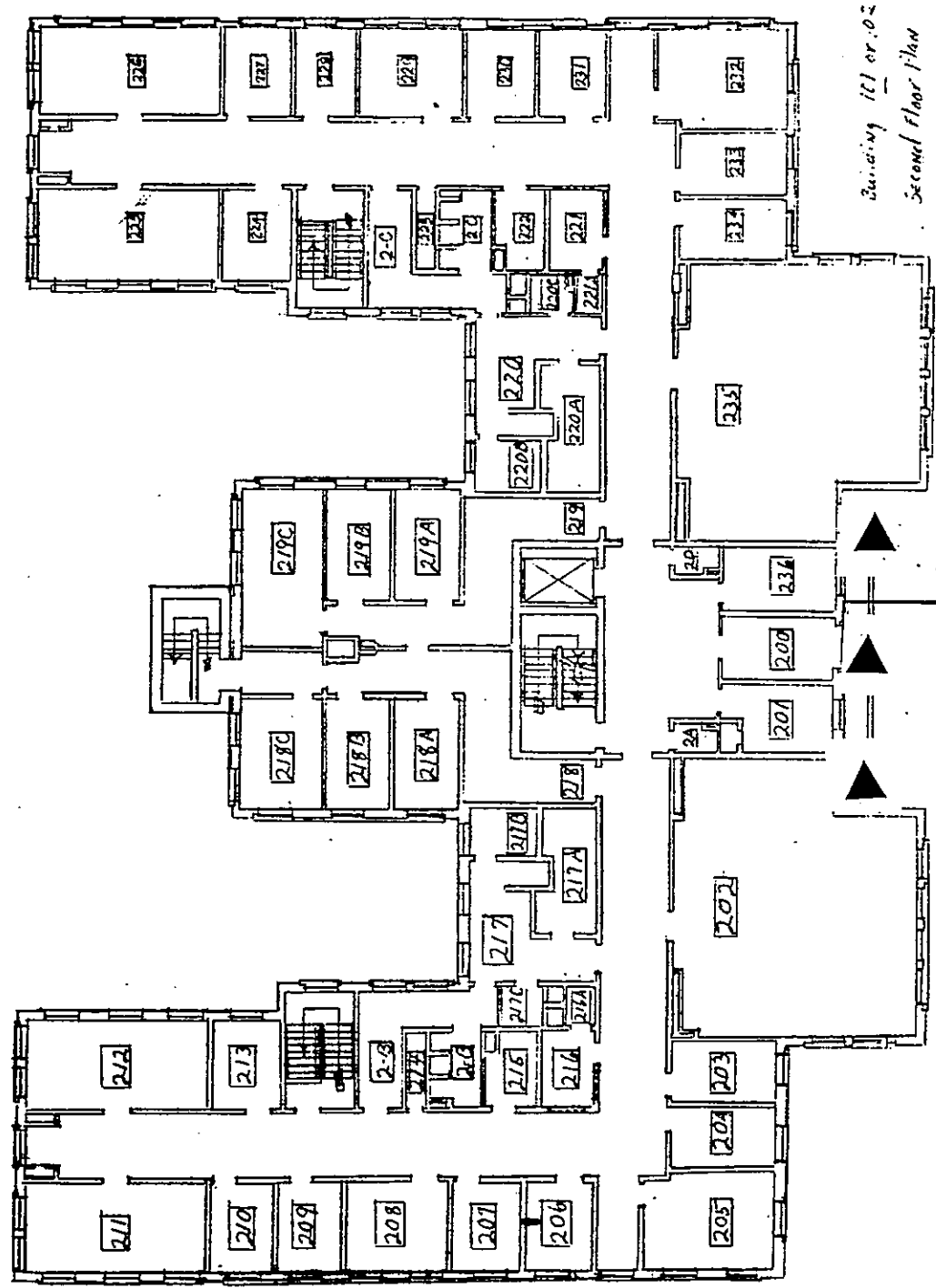
101

INCH NO. SQ. FT.

200	112
201	113
2A	23
202	950
203	98
204	104
205	203
206	93
207	89
208	139
209	89
210	89
211	242
212	245
213	96
214	21
215	56
216	67
216A	15
217	140
217A	105
217B	57
217C	22
2B	220
218A	109
218B	112
218C	140
219A	109
219B	112
219C	197
220	140
220A	105
220B	57
220C	22
2C	220
221	67
221A	15
222	56
223	21
224	99
225	243
226	240
227	88
228	88
229	138
230	98
231	86
232	196
233	104
234	101
235	950
2D	21
236	121
Elevator	42
Halls/Stairs	3,164
Walls/Part	3,766
Total	14,405

Building 101 Roof Material ASBESTOS CONTAINING MATERIAL

Roof Material

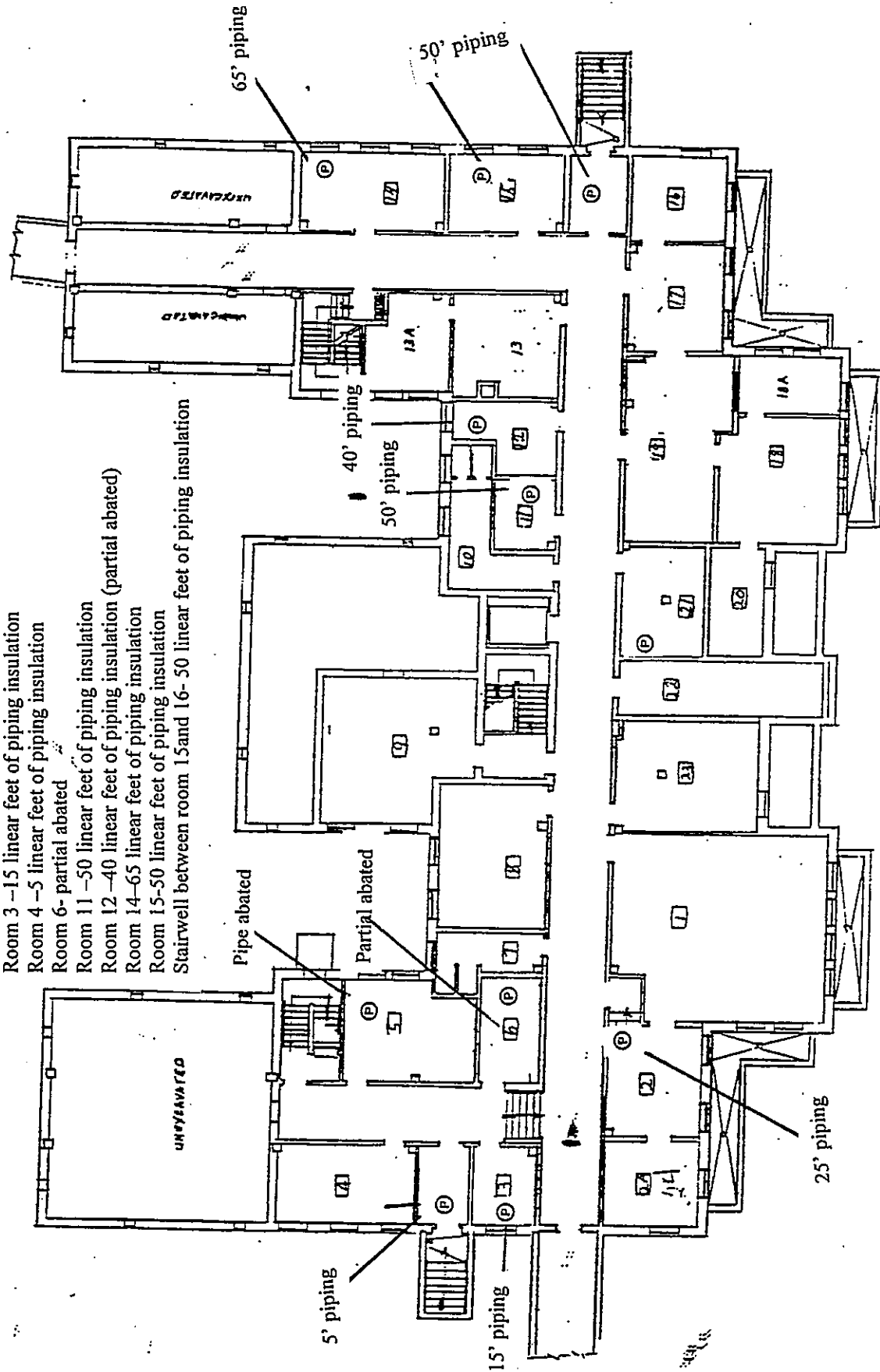


Building 101 or 02
Second Floor Plan

Roof Material
Black Slate Caulk

Buildg 101 Piping Insulation

- Room 2 -25 linear feet of piping insulation
- Room 3 -15 linear feet of piping insulation
- Room 4 -5 linear feet of piping insulation
- Room 6- partial abated
- Room 11 -50 linear feet of piping insulation
- Room 12 -40 linear feet of piping insulation (partial abated)
- Room 14-65 linear feet of piping insulation
- Room 15-50 linear feet of piping insulation
- Stairwell between room 15 and 16- 50 linear feet of piping insulation



BASEMENT PLAN
BLDG 101
Revised Aug. 30, 90

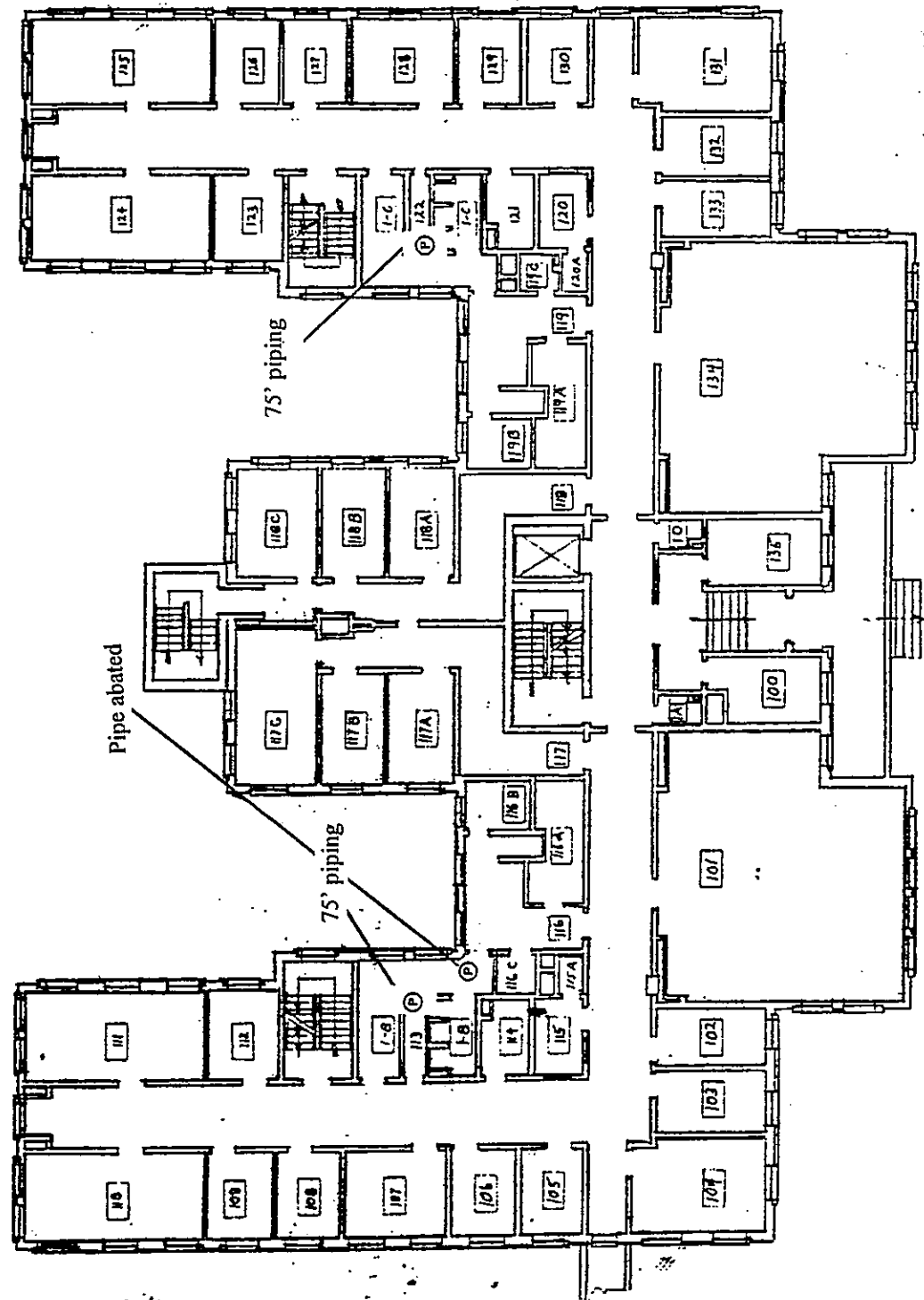
Room	Linear Feet
Room 2	25
Room 3	15
Room 4	5
Room 6	Partial abated
Room 11	50
Room 12	40
Room 14	65
Room 15	50
Stairwell	50
Room 16	50
Room 17	50
Room 18	50
Room 19	50
Room 20	50
Room 21	50
Room 22	50
Room 23	50
Room 24	50
Room 25	50
Room 26	50
Room 27	50
Room 28	50
Room 29	50
Room 30	50
Room 31	50
Room 32	50
Room 33	50
Room 34	50
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Room 100	50

* Stairs added to building in 1916

Building 101 Piping Insulation

Room 113 AND 122-50 linear feet of piping insulation

100	21
101	950
102	98
103	104
104	203
105	93
106	89
107	139
108	89
109	89
110	242
111	245
112	96
113	21
114	58
115	67
115A	13
116	140
116A	105
116B	57
116C	22
118	220
117A	109
117B	112
117C	197
118A	107
118B	110
118C	140
119	140
119A	105
119B	57
119C	22
120	220
120A	15
121	56
122	21
123	99
124	243
125	240
126	88
127	88
128	138
129	88
130	88
131	196
132	104
133	101
134	950
135	21
135	121
Elevator	42
Halls/Stairs	3,279
Halls/Part.	3,765
Total	14,405

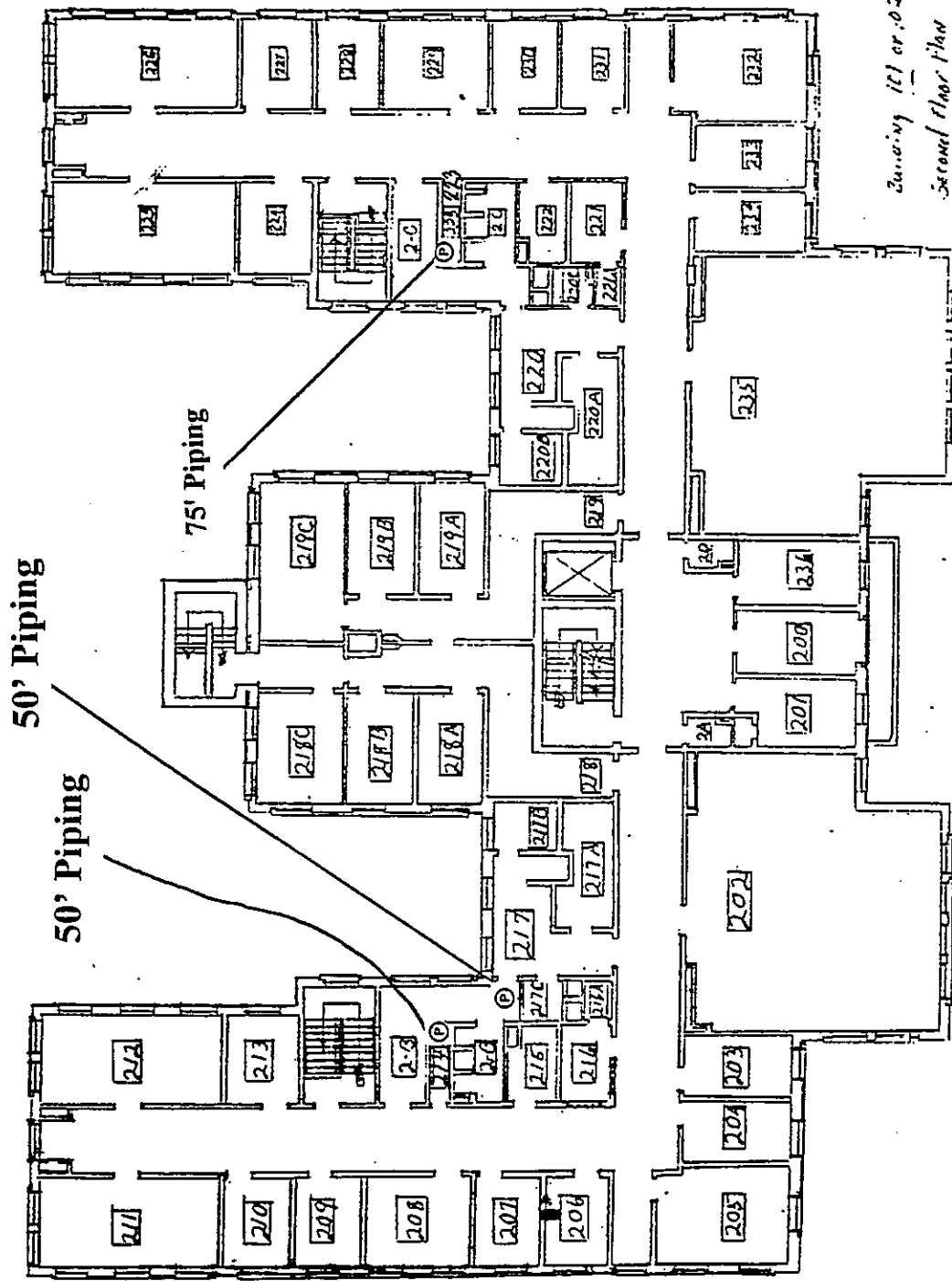


② = Piping Insulation

Building 101 Piping Insulation

Room 214 - 50 linear feet of piping insulation (Pipe Chase)

Room 223 - 25 linear feet of piping insulation (Pipe Chase)



ROOM NO.	50 L.F.
200	112
201	113
202	23
203	98
204	104
205	203
206	93
207	89
208	139
209	89
210	89
211	242
212	245
213	96
214	21
215	56
216	67
216A	15
217	140
217A	105
217B	57
217C	22
218	220
218A	109
218B	112
218C	140
219A	109
219B	112
219C	197
220	140
220A	105
220B	57
220C	22
221	67
221A	15
222	56
223	21
224	99
225	243
226	260
227	88
228	88
229	138
230	98
231	86
232	196
233	104
234	101
235	950
236	21
Elevator	42
Halls/Stairs	3,164
Walls/Part	3,256
Total	14,405

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 101

Date: March 2000

Page 4 of 4

Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
FD-02	Fire Doors	Stairwells East and West Rooms 113, 114, 122, 121 and exit door on the east hallway	Fire Doors	23 Doors	See Algoma Sheet	5
FD-03	Fire Doors	Stairwells East, West and near room 218 Rooms 214, 215 222, 223 and stair exit door on the east hallway	Fire Doors	7 Doors	See Algoma Sheet	5

BUILDING 102

Bldg. 102,
A-3, 1st

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SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 102

Date: March 2000
Inspector Name: Brian Jones

Page 1 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1920	Floor tile	Room 102-1 S.W. corner	12x12 tan with brown & black	851 sq. ft.	0	
MA-1921	Mastic	Room 102-1 S.W. corner	Black mastic under the 12x12 tan with brown & black	851 sq. ft.	5% Chrysotile	5
VAT-1922	Floor tile	Room 102-1 S.E. corner	12x12 tan with brown & black	851 sq. ft.	0	
MA-1923	Mastic	Room 102-1 S.E. corner	Black mastic under the 12x12 tan with brown & black	851 sq. ft.	5% Chrysotile	5
VAT-1924	Floor tile	Room 102-1 N.E. corner	12x12 tan with brown & black	851 sq. ft.	0	
MA-1925	Mastic	Room 102-1 N.E. corner	Black mastic under the 12x12 tan with brown & black	851 sq. ft.	5% Chrysotile	5

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 102

Date: March 2000
Inspector Name: Brian Jones

Page 2 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1926	Floor tile	Room 102-2 S. E. corner	12x12 white with tan	289 sq. ft.	0	
VAT-1927	Floor tile	Room 102-4 N.W. corner	12x12 white with tan	231 sq. ft.	0	
VAT-1928	Floor tile	Room 102-8 N. E. corner	12x12 white with tan	298 sq. ft.	0	
PS-1929	Spray on Plaster	Room 102 S. W. corner	Spray on ceiling material white (popcorn)	98 sq. ft.	0	
PS-1930	Spray on Plaster	Room 201 S. W. corner	Spray on ceiling material white (popcorn)	113 sq. ft.	0	
PS-1931	Spray on Plaster	Room 203 N.W. corner	Spray on ceiling material white (popcorn)	98 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 102

Date: March 2000
Inspector Name: Brian Jones

Page 3 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PS-1932	Spray on Plaster	Room 234 S.W. corner	Spray on ceiling material white (popcorn)	101 sq. ft.	0	
PS-1933	Spray on Plaster	Room 234 S.E. corner	Spray on ceiling material white (popcorn)	101 sq. ft.	0	
PL-1934	Plaster	Room 114 West wall	White finish coat	56 sq. ft.	0	
PL-1935	Plaster	Room 114 West wall	Gray undercoat	56 sq. ft.	0	
PL-1936	Plaster	Room 116C East wall	White finish coat	22 sq. ft.	0	
PL-1937	Plaster	Room 119A North wall	White finish coat	105 sq. ft.	0	
PL-1938	Plaster	Room 121 West wall	White finish coat	56 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 102

Date: March 2000
Inspector Name: Brian Jones

Page 4 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1939	Plaster	Room 203 North wall	White finish coat	98 sq. ft.	0	
PL-1940	Plaster	Room 215 West wall	White finish coat	56 sq. ft.	0	
PL-1941	Plaster	Room 220A North wall	White finish coat	105 sq. ft.	0	
PL-1942	Plaster	Room 220A North wall	Gray under coat	105 sq. ft.	0	
SL-1943	Slate	Roof, North	Black slate caulk	All black slate caulk	0	
SL-1944	Slate	Roof, East	Black slate caulk	All black slate caulk	0	
SL-1945	Slate	Roof, South	Black slate caulk	All black slate caulk	0	

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 10 2

Major Agency: 720
Using Agency: 706
Construction Date: 1952
Gross Sq. Feet: 41619

Area Number: 1-Description: Basement-Room 101-4, 5, 6, 11, 12, 13, 14, 15, 17, and Stairwells
Note: In the room listed is pipe insulation with mud fitting and elbows.

Area Number: 2-Description: First Floor- Pipe Chases
Room 113 and 122

Note: In the room listed is pipe insulation with mud fitting and elbows.

Area Number: 3-Description: Second Floor- Pipe Chases
Room 214 and 223

Note: In the room listed is pipe insulation with mud fitting and elbows.

HOLMES ENVIRONMENTAL, INC.
1600 East Little Creek Road, Suite 308
Norfolk, Virginia 23518
Office 757-587-1164 Fax 757-587-1352
E-Mail : henvinc@aol.com
Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 2, 2000
DATE OF ANALYSIS: July 6, 2000
DATE OF REPORT: July 7, 2000

CLIENT PROJECT NAME: Building 102, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1920	102-1/ Tan Floor Tile	NAD	100% Non-Fibrous
1921	102-1A/ Black Mastic	5% Chrysotile	95% Non-Fibrous
1922	102-2/ Tan Floor Tile	NAD	100% Non-Fibrous
1923	102-2A/ Black Mastic	5% Chrysotile	95% Non-Fibrous
1924	102-3/ Tan Floor Tile	NAD	100% Non-Fibrous
1925	102-3A/ Black Mastic	5% Chrysotile	95% Non-Fibrous
1926	102-4/ White Floor Tile	NAD	5% Cellulose 95% Non-Fibrous
1927	102-5/ White Floor Tile	NAD	5% Cellulose 95% Non-Fibrous
1928	102-6/ White Floor Tile	NAD	5% Cellulose 95% Non-Fibrous
1929	102-7/ Spray on Ceiling Material	NAD	5% Cellulose 95% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NUMBER: Western State Hospital, Building 102

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1930	102-8/ Spray on Ceiling Material	NAD	5% Cellulose 95% Non-Fibrous
1931	102-9/ Spray on Ceiling Material	NAD	5% Cellulose 95% Non-Fibrous
1932	102-10/ Spray on Ceiling Material	NAD	5% Cellulose 95% Non-Fibrous
1933	102-11/ Spray on Ceiling Material	NAD	5% Cellulose 95% Non-Fibrous
1934	102-12/ Plaster	NAD	100% Non-Fibrous
1935	102-13/ Plaster	NAD	100% Non-Fibrous
1936	102-14/ Plaster	NAD	5% Cellulose 95% Non-Fibrous
1937	102-15/ Plaster	NAD	5% Cellulose 95% Non-Fibrous
1938	102-16/ Plaster	NAD	5% Cellulose 95% Non-Fibrous
1939	102-17/ Plaster	NAD	5% Cellulose 95% Non-Fibrous
1940	102-18/ Plaster	NAD	5% Cellulose 95% Non-Fibrous
1941	102-18A/ Plaster	NAD	5% Cellulose 95% Non-Fibrous
1942	102-19/ Black Slate Caulk	NAD	100% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NUMBER: Western State Hospital, Building 102

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1943	102-20/ Black Slate Caulk	NAD	100% Non-Fibrous
1944	102-21/ Black Slate Caulk	NAD	100% Non-Fibrous

REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature:


Ethel M. Holmes, Laboratory Director
Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND:	NAD: no asbestos detected;	SCF: suspected ceramic fibers
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NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 102

Date: March 2000
Inspector Name: Brian Jones

Page 1 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1920	Floor tile	Room 102-1 S.W. corner	12x12 tan with brown & black	851 sq. ft.	0	
VAT-1922	Floor tile	Room 102-1 S. E. corner	12x12 tan with brown & black	851 sq. ft.	0	
VAT-1924	Floor tile	Room 102-1 N.E. corner	12x12 tan with brown & black	851 sq. ft.	0	
VAT-1926	Floor tile	Room 102-2 S. E. corner	12x12 white with tan	289 sq. ft.	0	
VAT-1927	Floor tile	Room 102-4 N.W. corner	12x12 white with tan	231 sq. ft.	0	
VAT-1928	Floor tile	Room 102-8 N. E. corner	12x12 white with tan	298 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
 Building No.: Building 102

Date: March 2000
 Inspector Name: Brian Jones

Page 2 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PS-1929	Spray on Plaster	Room 102 S. W. corner	Spray on ceiling material white (popcorn)	98 sq. ft.	0	
PS-1930	Spray on Plaster	Room 201 S. W. corner	Spray on ceiling material white (popcorn)	113 sq. ft.	0	
PS-1931	Spray on Plaster	Room 203 N.W. corner	Spray on ceiling material white (popcorn)	98 sq. ft.	0	
PS-1932	Spray on Plaster	Room 234 S. W. corner	Spray on ceiling material white (popcorn)	101 sq. ft.	0	
PS-1933	Spray on Plaster	Room 234 S.E. corner	Spray on ceiling material white (popcorn)	101 sq. ft.	0	
PL-1934	Plaster	Room 114 West wall	White finish coat	56 sq. ft.	0	
PL-1935	Plaster	Room 114 West wall	Gray undercoat	289 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 102

Date: March 2000 **Page** 3 of 4
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1936	Plaster	Room 116C East wall	White finish coat	22 sq. ft.	0	
PL-1937	Plaster	Room 119A North wall	White finish coat	105 sq. ft.	0	
PL-1938	Plaster	Room 121 West wall	White finish coat	56 sq. ft.	0	
PL-1939	Plaster	Room 203 North wall	White finish coat	98 sq. ft.	0	
PL-1940	Plaster	Room 215 West wall	White finish coat	56 sq. ft.	0	
PL-1941	Plaster	Room 220A North wall	White finish coat	105 sq. ft.	0	
PL-1942	Plaster	Room 220A North wall	Gray under coat	105 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 102

Date: March 2000
Inspector Name: Brian Jones

Pager 4 of 4

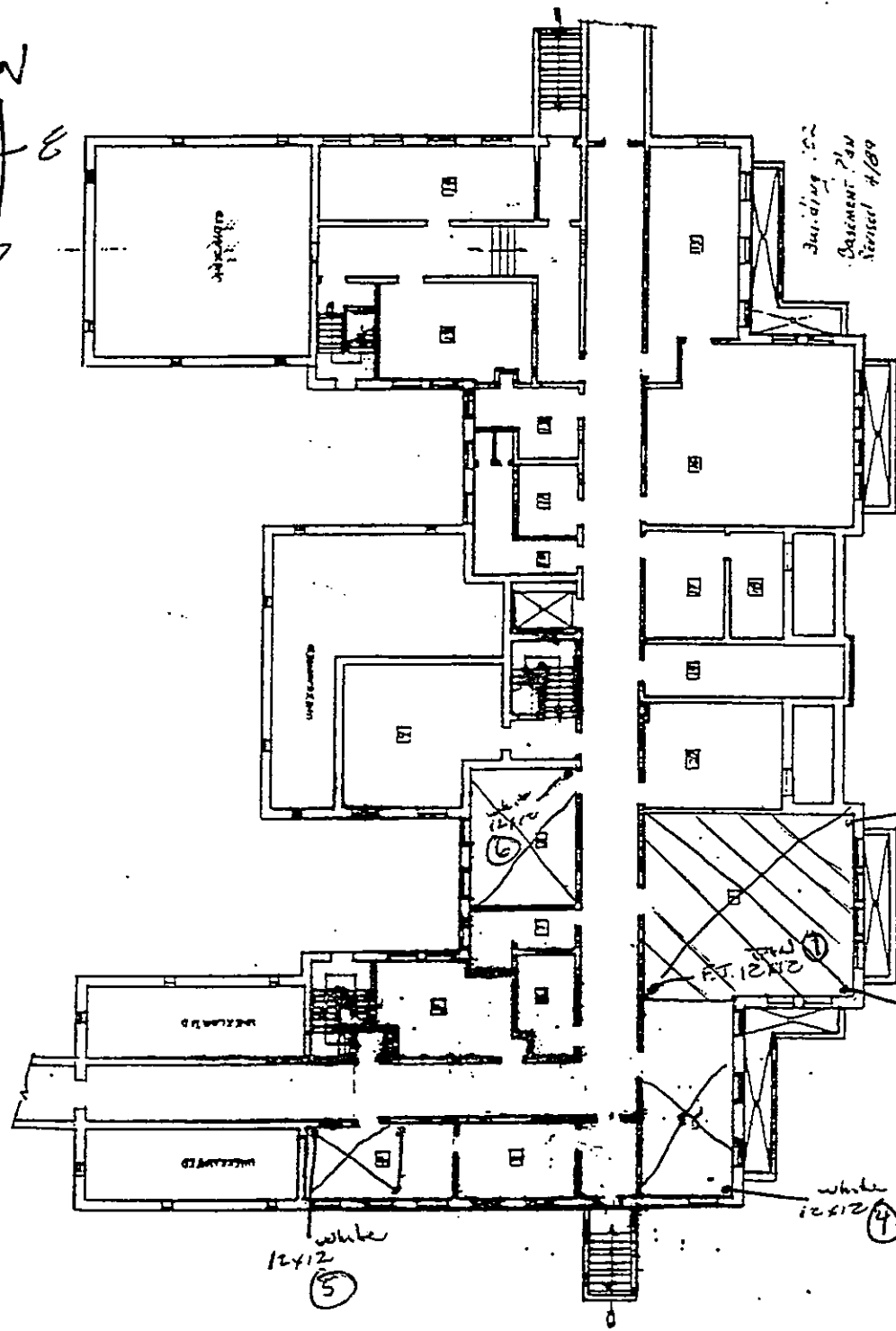
HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SL-1943	Slate	Roof, North	Black slate caulk		0	
SL-1944	Slate	Roof, East	Black slate caulk		0	
SL-1945	Slate	Roof, South	Black slate caulk		0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

as
S
N
E



Indicates ACM Area
• Black Mastic

TAN 10 FT 12 ③

TAN 10 FT 12 ②

white 12x12 ④

white 12x12 ⑤

Bldg. 102
Basement

RM. NO.	SQ. FT.
1	1175
2	181
3	231
4	252
5	113
6	113
7	113
8	298
9	131
10	171
11	85
12	127
13	289
14	330
15	175
16	810
17	187
18	128
19	293
20	110
Hall/Stairs	3,097
Walls/Part.	3,193
Total	12,193

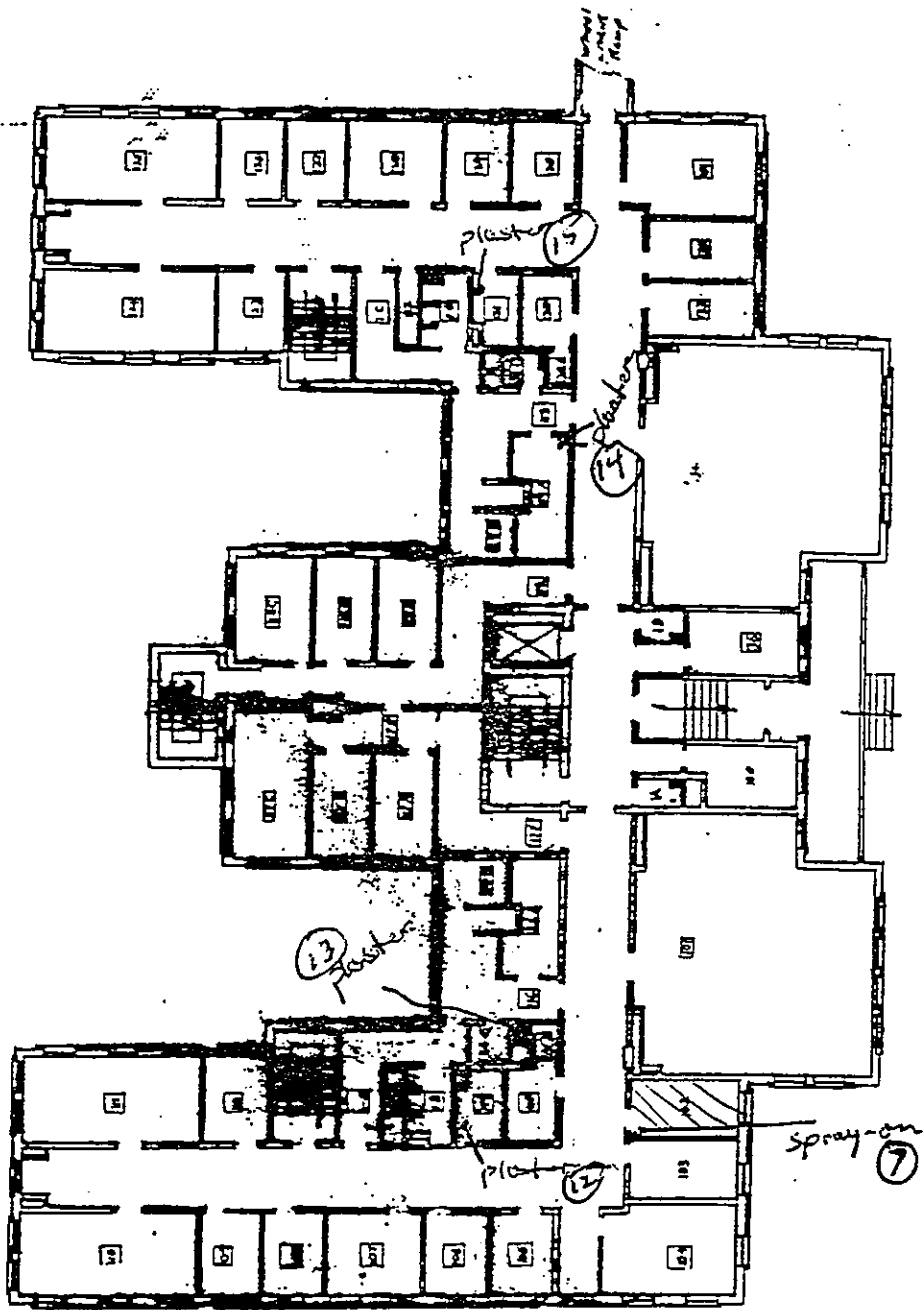
Basement:	12,193
1st Floor:	14,405
2nd Floor:	14,405
Attic:	616
BUILDING	
*TOTAL:	41,619

* Stairs added to Building in 1976

Bldg. 102,
A-1, 1st Floor

100	113
1A	21
101	950
102	98
103	104
104	203
105	93
106	89
107	139
108	89
109	89
110	242
111	245
112	96
113	21
114	56
115	67
115A	15
116	140
116A	105
116B	57
116C	22
117	220
117/Hallway	
117A	109
117B	112
117C	197
118/Hallway	
118A	107
118B	110
118C	140
119	140
119A	105
119B	57
119C	22
120	220
120A	67
121	15
122	56
123	21
124	99
125	243
126	240
127	88
128	138
129	88
130	88
131	196
132	101
133	101
134	950
135	21
135	121
Halls/Stairs	
Halls/Part.	3,321
Total	14,405

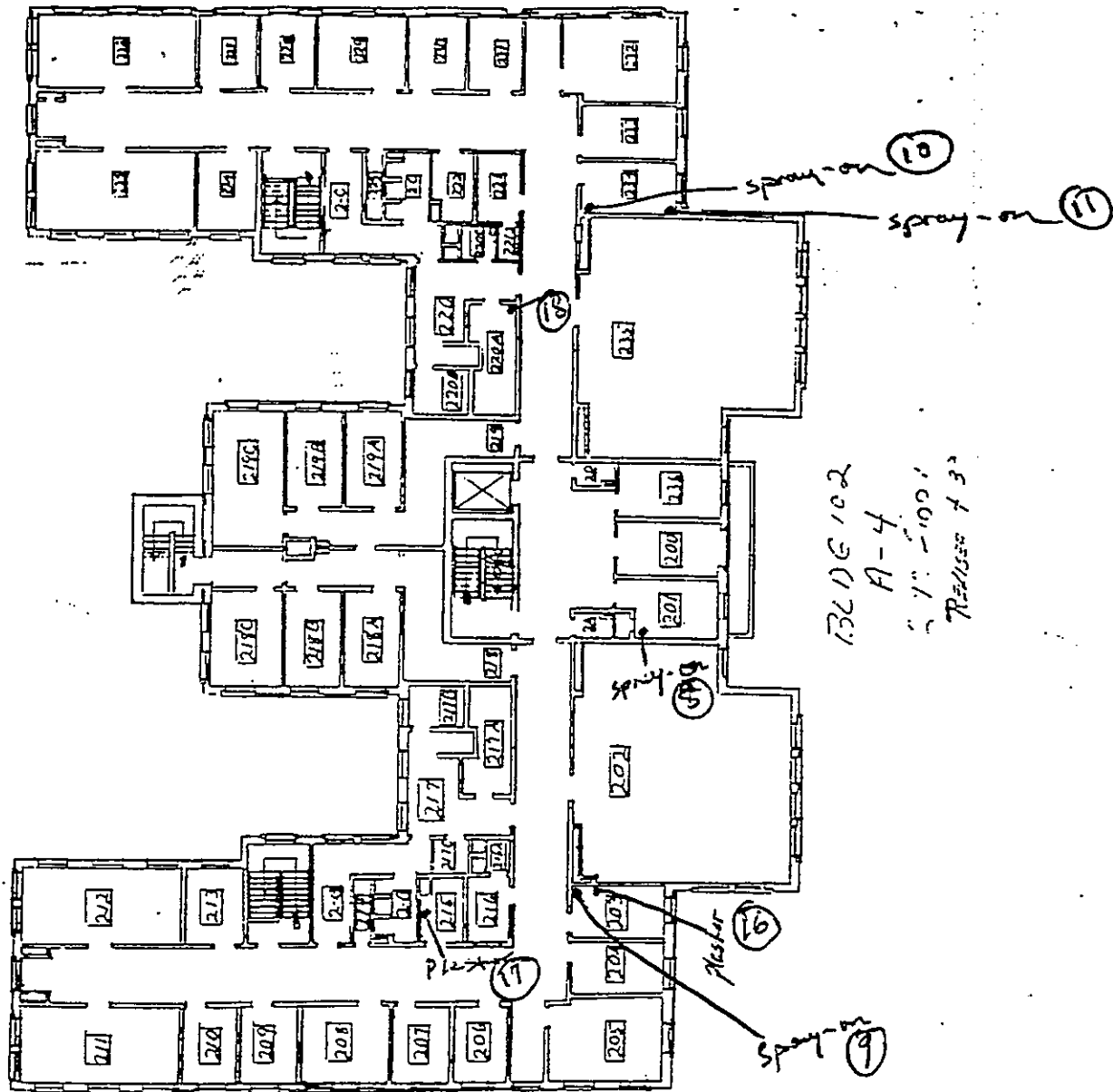
N
W
E
S



BUILDING 102
1st Floor
4/89

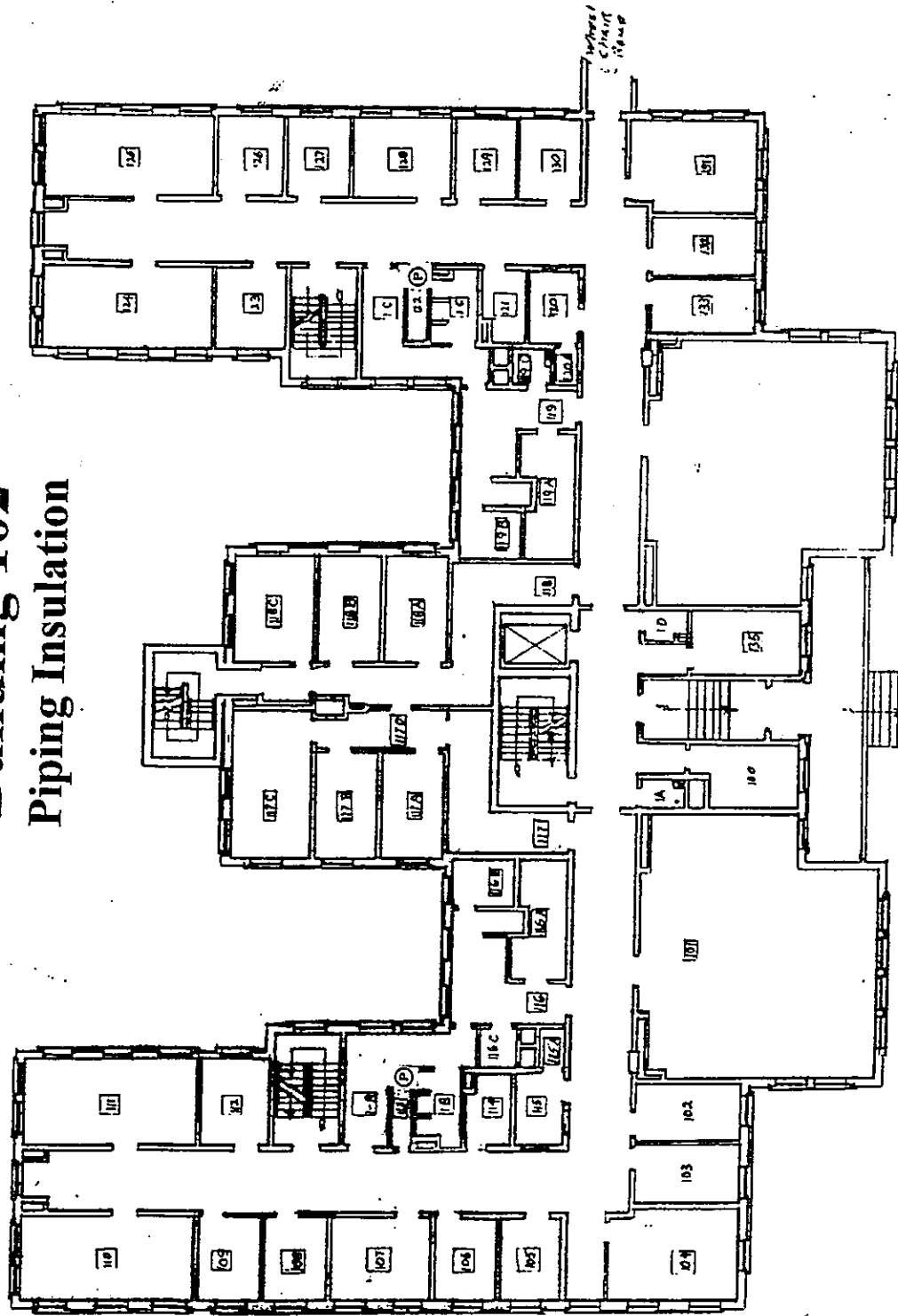
Bldg. 102
A-4, 2nd Floor

ROOM NO	SQ FT.
200	112
201	113
202	950
203	98
204	104
205	203
206	93
207	89
208	139
209	89
210	89
211	242
212	243
213	96
214	21
215	56
216	67
216A	15
217	140
217A	105
217B	57
217C	32
218	220
218/Hall	
218A	109
218B	112
218C	140
219/Hall	
219A	109
219B	112
219C	197
220	140
220A	105
220B	57
220C	22
221	220
221A	67
221B	15
222	56
223	21
224	99
225	243
226	240
227	88
228	88
229	138
230	88
231	86
232	196
233	104
234	101
235	950
236	21
236	121
Halls/Stairs	3,206
Walls/Part	3,766
Total	14,405



©=Piping Insulation

Building 102 Piping Insulation

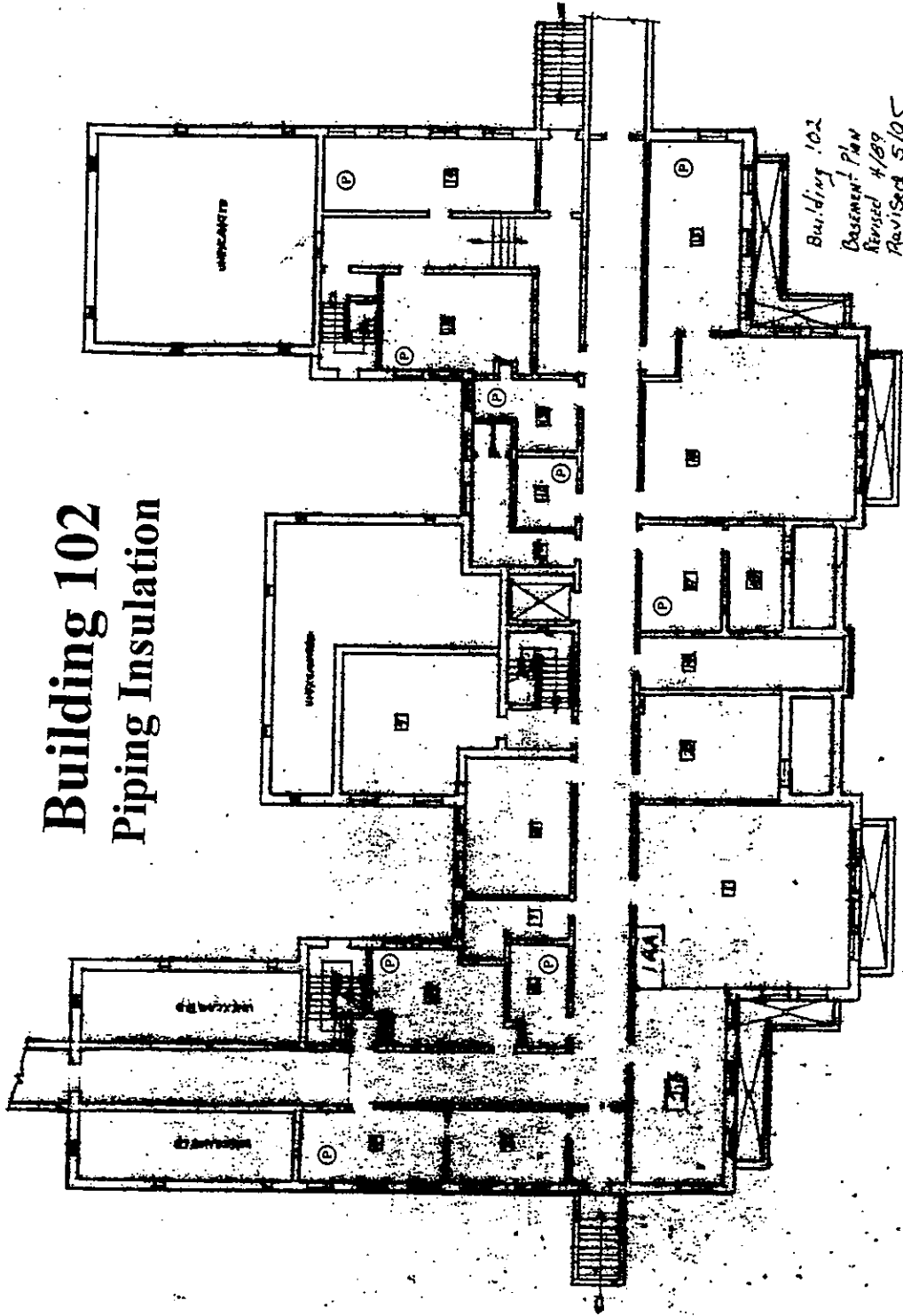


Building 102
First Floor
199

101	950
102	98
103	104
104	203
105	93
106	89
107	139
108	89
109	89
110	242
111	245
112	96
113	21
114	56
115	67
116A	15
116	140
116A	105
116B	57
116C	22
1-B	220
117/Hallway	
117A	109
117B	112
117C	197
118/Hallway	
118A	107
118B	110
118C	140
119	140
119A	105
119B	57
119C	22
1C	220
120	67
120A	15
121	56
122	21
123	99
124	243
125	240
126	88
127	88
128	138
129	88
130	88
131	196
132	104
133	101
134	950
1D	21
135	121
Halls/Stairs	3,321
Walls/Part.	3,765
Total	14,405

⊙=Piping Insulation

Building 102 Piping Insulation



Building 102
Basement Plan
Revised 4/89
Revised 5/95

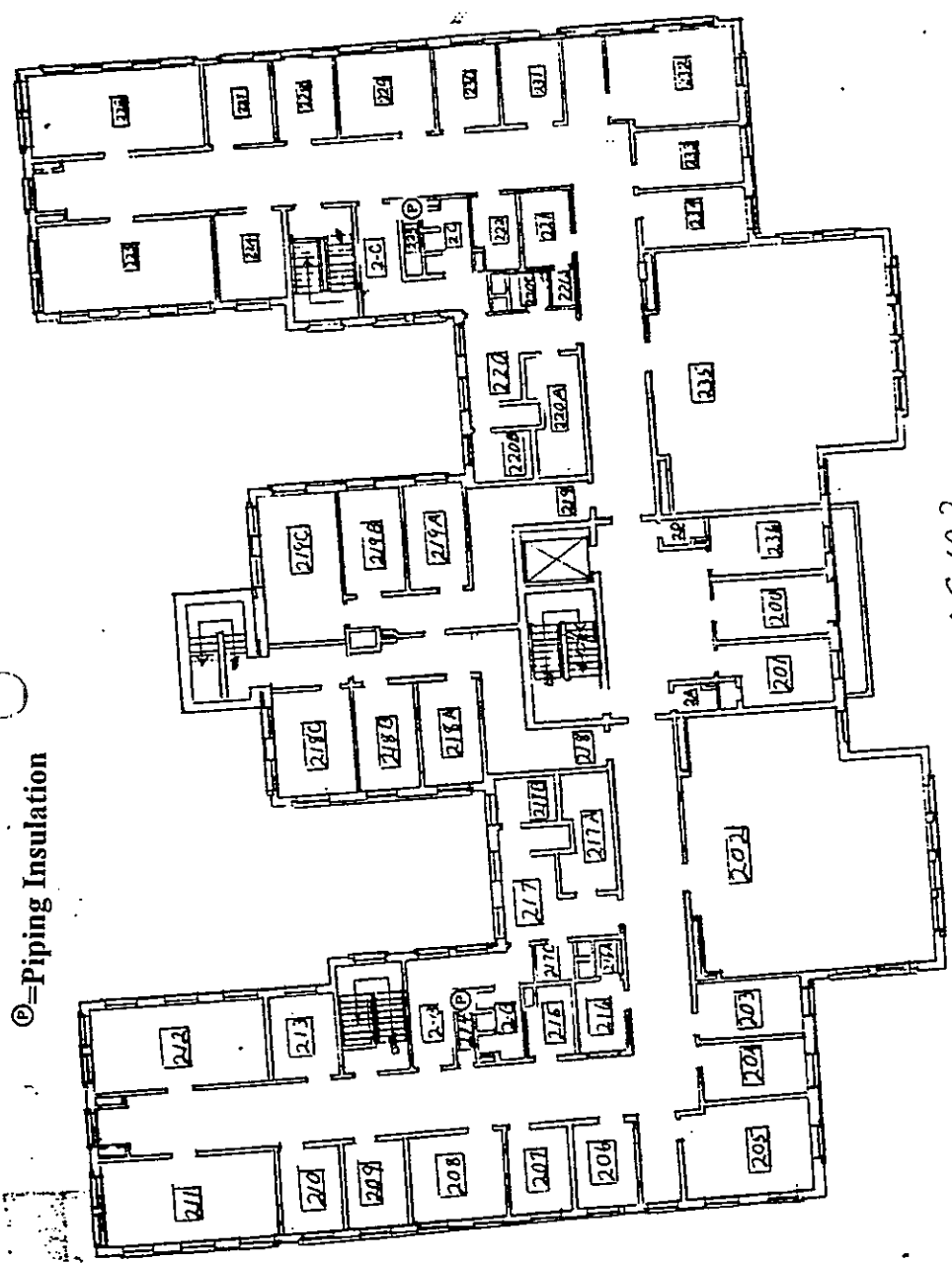
BLDG. 102 BASEMENT	SQ. FT.
RM#	
1	851
1AA	35
2	288
3	181
4	231
5	252
6	115
7	113
8	208
9	434
10	173
11	95
12	127
13	288
14	350
15	375
16	910
17	184
18	128
19	293
20	310
HALLS/STAIRS	3097
WALLS	3193
TOTAL	12193
BASEMENT	12193
1ST FLOOR	14405
2ND FLOOR	14405
ATTIC	616
BLDG. TOTAL	41619

*STAIRS ADDED TO BLDG. IN 1976

102

ROOM	Floor	SQ. FT.
200	112	
201	113	
202	98	
203	98	
204	101	
205	203	
206	93	
207	86	
208	139	
209	89	
210	89	
211	242	
212	245	
213	96	
214	21	
215	56	
216	67	
216A	15	
217	140	
217A	105	
217B	57	
217C	22	
218	220	
218/Hall		
218A	109	
218B	112	
218C	140	
219/Hall		
219A	109	
219B	112	
219C	197	
220	140	
220A	105	
220B	57	
220C	22	
220	220	
221	67	
221A	15	
222	56	
223	21	
224	99	
225	243	
226	240	
227	88	
228	138	
229	86	
230	86	
231	196	
232	104	
233	101	
234	101	
235	950	
236	21	
236	121	
Halls/Stairs		
	3,206	
Walls/Part		
	3,766	
Total		14,105

⊙ = Piping Insulation



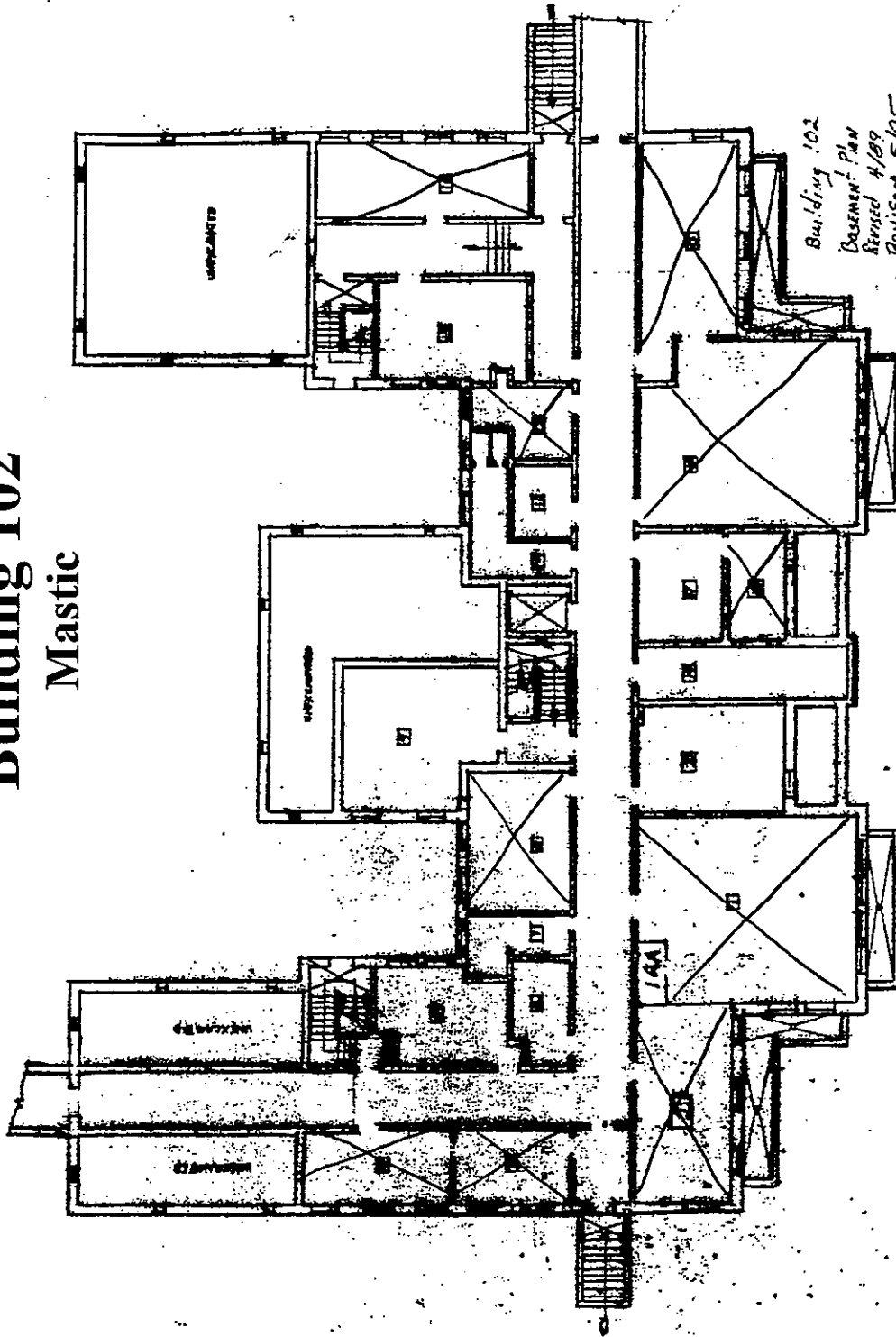
Building 102 Piping Insulation

BLDG 102
A-4
C. 10-5001
REVISED 4-32

X = Mastic

Building 102

Mastic



Building 102
Basement Plan
Revised 4/89
Revised 5/95

BLDG. 102 BASEMENT	SQ. FT.
RM #	
1	851
2	38
3	289
4	181
5	231
6	252
7	115
8	113
9	298
10	434
11	173
12	85
13	127
14	289
15	330
16	375
17	810
18	184
19	128
20	283
21	310
HALLS/STAIRS	3097
WALLS	3183
TOTAL	12193
BASEMENT	12193
1ST FLOOR	14406
2ND FLOOR	14406
ATTIC	616
BLDG. TOTAL	41819

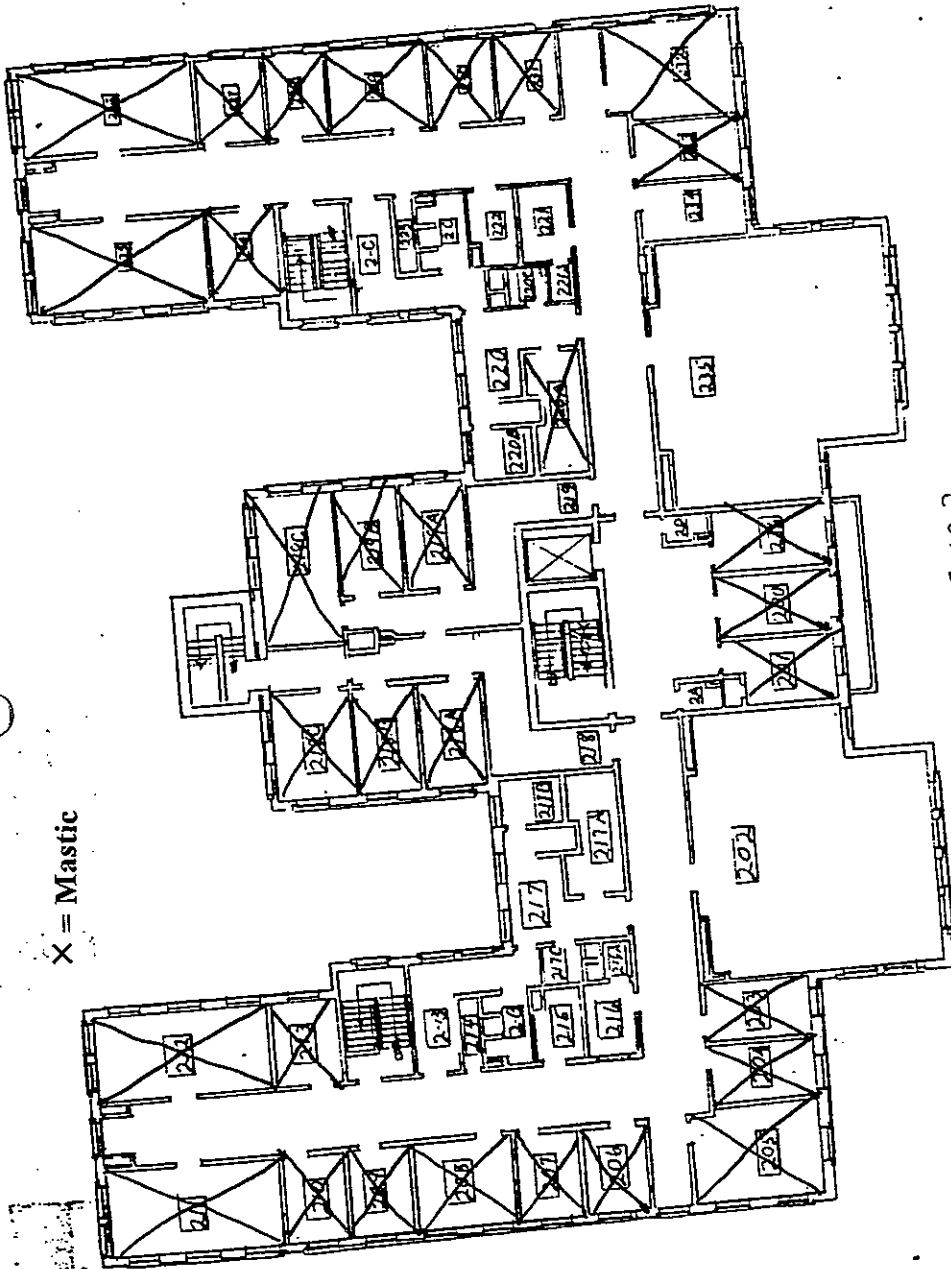
*STAIRS ADDED TO BLDG. IN 1978

Foot.

Floor

ROOM NO	50 FT.
200	112
201	113
202	114
203	115
204	116
205	117
206	118
207	119
208	120
209	121
210	122
211	123
212	124
213	125
214	126
215	127
216	128
217	129
218	130
219	131
220	132
221	133
222	134
223	135
224	136
225	137
226	138
227	139
228	140
229	141
230	142
231	143
232	144
233	145
234	146
235	147
236	148
237	149
238	150
239	151
240	152
241	153
242	154
243	155
244	156
245	157
246	158
247	159
248	160
249	161
250	162
251	163
252	164
253	165
254	166
255	167
256	168
257	169
258	170
259	171
260	172
261	173
262	174
263	175
264	176
265	177
266	178
267	179
268	180
269	181
270	182
271	183
272	184
273	185
274	186
275	187
276	188
277	189
278	190
279	191
280	192
281	193
282	194
283	195
284	196
285	197
286	198
287	199
288	200
289	201
290	202
291	203
292	204
293	205
294	206
295	207
296	208
297	209
298	210
299	211
300	212
301	213
302	214
303	215
304	216
305	217
306	218
307	219
308	220
309	221
310	222
311	223
312	224
313	225
314	226
315	227
316	228
317	229
318	230
319	231
320	232
321	233
322	234
323	235
324	236
325	237
326	238
327	239
328	240
329	241
330	242
331	243
332	244
333	245
334	246
335	247
336	248
337	249
338	250
339	251
340	252
341	253
342	254
343	255
344	256
345	257
346	258
347	259
348	260
349	261
350	262
351	263
352	264
353	265
354	266
355	267
356	268
357	269
358	270
359	271
360	272
361	273
362	274
363	275
364	276
365	277
366	278
367	279
368	280
369	281
370	282
371	283
372	284
373	285
374	286
375	287
376	288
377	289
378	290
379	291
380	292
381	293
382	294
383	295
384	296
385	297
386	298
387	299
388	300
389	301
390	302
391	303
392	304

X = Mastic



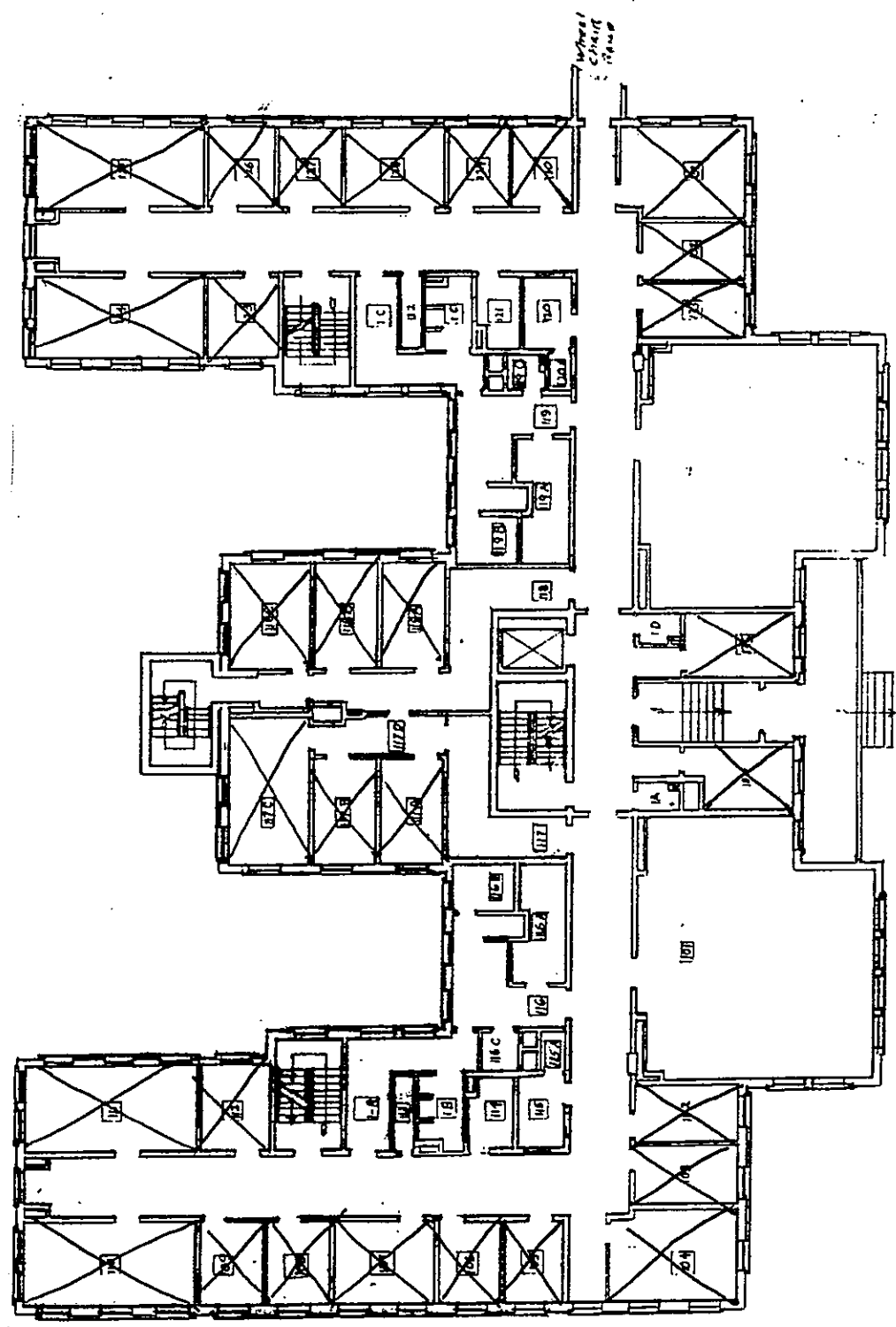
Building 102 Mastic

BLDG 102
A-4
C 70 - 5001
REVISOR 732

102

Building 102 Mastic

X = Mastic



First Floor
- 34

101	950
102	98
103	104
104	203
105	93
106	89
107	139
108	89
109	89
110	242
111	245
112	96
113	21
114	56
115	67
116	140
117	105
118	57
119	22
120	220
121	109
122	112
123	197
124	107
125	110
126	140
127	140
128	105
129	57
130	22
131	220
132	67
133	15
134	56
135	21
136	99
137	243
138	240
139	88
140	88
141	136
142	88
143	88
144	196
145	104
146	101
147	950
148	21
149	121
150	121
151	3,321
152	3,765
153	14,405

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 102

Date: March 2000

Page 1 of 1

Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-1921	Mastic	Room 102-1 S.W. corner	Black mastic under the 12x12 tan with brown & black	851 sq. ft.	5% Chrysotile	5
MA-1923	Mastic	Room 102-1 S.E. corner	Black mastic under the 12x12 tan with brown & black	851 sq. ft.	5% Chrysotile	5
MA-1925	Mastic	Room 102-1 N. E. corner	Black mastic under the 12x12 tan with brown & black	851 sq. ft.	5% Chrysotile	5

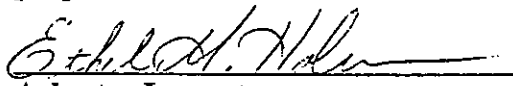
STATEMENT FOR ASBESTOS ASSESSMENT REPORT

The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia, has been prepared and covers the following Building 102 Resident Care A 3-4 Unit. I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.


Asbestos Inspector

3303 000407
License Number

AUG 2000
Date

BUILDING 107

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 107

Date: April 2000
Inspector Name: Brian Jones

Page 1 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-2170	12x12 Floor Tile	Room 139A S.E. corner	12x12 floor tile white with green and blue	61 sq. ft.	0	
GM-2171	Glue	Room 139A S.E. corner	Glue under the white with green and blue 12x12 floor tile	61 sq. ft.	0	
VAT-2172	12x12 Floor Tile	Room 205A N.E. corner	12x12 floor tile white with green and blue	83 sq. ft.	0	
GM-2173	Glue	Room 205A N.E. corner	Glue under the white with green and blue 12x12 floor tile	83 sq. ft.	0	
VAT-2174	12x12 Floor Tile	Room 240A S.E. corner	Glue under the white with green and blue 12x12 floor tile	62 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 107

Date: March 2000

Inspector Name: Brian Jones

Page 2 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-2175	Glue	Room 240A S.E. corner	Glue under the white with green and blue 12x12 floor tile	62 sq. ft.	0	
CT-2176	Ceiling Tile	Room 107-1 East side middle	2x2 Ceiling Tile (white)	374 sq. ft.	0	
CT-2177	Ceiling Tile	Room 107-2 At entrance to room	2x2 Ceiling Tile (white)	2014 sq. ft.	0	
CT-2178	Ceiling Tile	Room 103 S.W. damage spot	2x2 Ceiling Tile (white)	17 sq. ft.	0	
GM-2179	Glue	Room 107-1 East side middle	Glue spot (brown)	374 sq. ft.	0	
GM-2180	Glue	Room 107-2 At entrance to room	Glue spot (brown)	2014 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 107

Date: March 2000

Inspector Name: Brian Jones

Page 3 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-2181	Glue	Room 107-9 n.w. corner	Glue spot (brown)	203 sq. ft.	0	
PL-2182	Plaster	Room 107-5 North wall	Plaster white finish coat on walls	25 sq. ft.	0	
PL-2183	Brown undercoat	Room 107-5 North wall	Brown undercoat	25 sq. ft.	0	
PL-2184	Plaster	Room 107-10 West wall	Plaster white finish coat on walls	100 sq. ft.	0	
PL-2185	Brown undercoat	Room 107-10 West wall	Brown undercoat	100 sq. ft.	0	
PL-2186	Plaster	Room 103 West wall	Plaster white finish coat on walls	17 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
 Building No.: Building 107

Date: March 2000

Inspector Name: Brian Jones

Page 4 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-2187	Brown undercoat	Room 103 West wall	Brown undercoat	17 sq. ft.	0	
PL-2188	Plaster	Room 116 East wall	Plaster white finish coat on walls	15 sq. ft.	0	
PL-2189	Brown undercoat	Room 116 East wall	Brown undercoat	15 sq. ft.	0	
PL-2190	Plaster	Room 127 West wall	Plaster white finish coat on walls	15 sq. ft.	0	
PL-2191	Brown undercoat	Room 127 West wall	Brown undercoat	15 sq. ft.	0	
PL-2192	Plaster	Room 140 North wall	Plaster white finish coat on walls	22 sq. ft.	0	
PL-2193	Brown undercoat	Room 140 North wall	Brown undercoat	22 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 107

Date: March 2000
Inspector Name: Brian Jones

Page 5 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-2194	Plaster	Room 205A South wall	Plaster white finish coat on walls	83 sq. ft.	0	
PL-2195	Brown undercoat	Room 205A South wall	Brown undercoat	83 sq. ft.	0	

Facility: Western State Hospital
Building Number: 706-001-00107

Major Agency: 720
Using Agency: 706
Construction Date: 1955
Gross Sq. Feet: 31386

Area Number: 1 Description: Mechanical Room

NOTES:

The mechanical room is a small room, with the pipes close together. If removal of insulation becomes necessary it would prove difficult. At time of survey material is in very good condition.

AREA DESCRIPTION/LOCATION OF MATERIAL	BULK SAMPLE DESCRIPTION	PRIORITY	QTY	ASB	REMOVE	REPLACE	TOTAL
round perimeter	mjp on pipe covering	3	61.00	50	427.00	366.00	793.00
round perimeter	pipe covering	3	210.00	52	1050.00	1050.00	2100.00
round perimeter	mjp on pipe covering	3	54.00	60	378.00	324.00	702.00
round perimeter	pipe covering	3	290.00	60	1450.00	1450.00	2900.00
round perimeter	mjp on non-suspect pipe covering	3	29.00	68	203.00	174.00	377.00
lash tank	boiler/tank insulation	3	21.00	60	231.00	168.00	399.00
condensate box	boiler/tank insulation	3	30.00	60	330.00	240.00	570.00
water heater	boiler/tank insulation	3	34.00	25	374.00	272.00	646.00
water exchanger	boiler/tank insulation	3	17.00	60	187.00	136.00	323.00
airrounds duct	exterior duct insulation	3	670.00	2	7370.00	5360.00	12730.00

Area Total:

12000.00

9540.00

21540.00

Area Number: 2 Description: Entire Building-Exposed Piping

NOTES:

There is cardboard insulation with mudded joint fittings on the hot and chilled water lines. The majority of the exposed piping is found running throughout the basement.

AREA DESCRIPTION/LOCATION OF MATERIAL	BULK SAMPLE DESCRIPTION	PRIORITY	QTY	ASB	REMOVE	REPLACE	TOTAL
room 107-10 entrance to tunnel	mjp on cardboard/paper pipe covering	3	46.00	25	322.00	276.00	598.00
room 107-10 entrance to tunnel	wrapped cardboard/paper pipe covering	3	161.00	3	805.00	805.00	1610.00

Area Number: 3 Description: Pipe Closets

NOTES:

Pipe chases are on every floor. There is some evidence someone has been working in them, and left behind debris. Material is moderately friable and in good condition.

REA DESCRIPTION/LOCATION OF MATERIAL	BULK SAMPLE DESCRIPTION	PRIORITY	QTY	ASB	REMOVE	REPLACE	TOTAL
asegment & first floor	mjp on cardboard/paper pipe covering	1	31.00	60	217.00	186.00	403.00
asegment & first floor	wrapped cardboard/paper pipe covering	2	157.00	5	785.00	785.00	1570.00
second floor	mjp on cardboard/paper pipe covering	1	15.00	60	105.00	90.00	199.00
second floor	wrapped cardboard/paper pipe covering	2	65.00	5	325.00	325.00	650.00
Area Total:					1432.00	1386.00	2818.00

Area Number: 4 Description: Semipermanent Ceilings

NOTES:

Most of the building has either a plaster ceiling or 1x1 tiles. Only Rooms 3 and 107 has a drop ceiling. Material is in good condition.

REA DESCRIPTION/LOCATION OF MATERIAL	BULK SAMPLE DESCRIPTION	PRIORITY	QTY	ASB	REMOVE	REPLACE	TOTAL
--------------------------------------	-------------------------	----------	-----	-----	--------	---------	-------

Area Number: 5 Description: Above Drop Ceiling

NOTES:

Piping found above the drop ceiling are hot water pipes. Material is in good condition and should be maintained and monitored. If removal is planned localized glove-bagging is recommended.

REA DESCRIPTION/LOCATION OF MATERIAL	BULK SAMPLE DESCRIPTION	PRIORITY	QTY	ASB	REMOVE	REPLACE	TOTAL
--------------------------------------	-------------------------	----------	-----	-----	--------	---------	-------

room 107-3	mjp on pipe covering	4	8.00	60	56.00	48.00	104.00
room 107-3	pipe covering	4	25.00	60	125.00	125.00	250.00
Area Total:					181.00	173.00	354.00

HOLMES ENVIRONMENTAL, INC.

1600 East Little Creek Road, Suite 308

Norfolk, Virginia 23518

Office 757-587-1164 Fax 757-587-1352

E-Mail : henvinc@aol.com

Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 22, 2000

DATE OF ANALYSIS: July 6, 2000

DATE OF REPORT: July 6, 2000

CLIENT PROJECT NAME: Building 107, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
2170	107-1/ White tile	NAD	5% Cellulose 95% Non-fibrous
2171	107-1A/ Tan glue	NAD	100% Non-fibrous
2172	107-2/ White tile	NAD	5% Cellulose 95% Non-fibrous
2173	107-2A/ White tile	NAD	5% Cellulose 95% Non-fibrous
2174	107-3/ White tile	NAD	5% Cellulose 95% Non-fibrous
2175	107-3A/ White tile	NAD	5% Cellulose 95% Non-fibrous
2176	107-4/ Ceiling Tile	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous
2177	107-5/ Ceiling Tile	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous
2178	107-6/ Ceiling Tile	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 107, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
2179	107-7/ Glue	NAD	100% Non-Fibrous
2180	107-8/ Glue	NAD	100% Non-Fibrous
2181	107-9/ Glue	NAD	100% Non-Fibrous
2182	107-10/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2183	107-10A/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2184	107-11/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2185	107-11A/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2186	107-12/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2187	107-12A/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2188	107-13/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2189	107-13A/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2190	107-14 Plaster	NAD	5%Cellulose 95% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 107, Western State Hospital, Staunton, Va

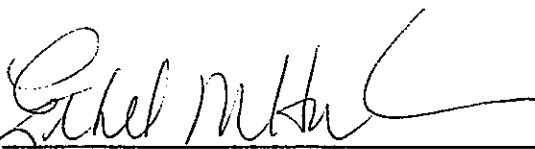
HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
2191	107-14A/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2192	107-15/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2193	107-15A/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2194	107-16/ Plaster	NAD	5%Cellulose 95% Non-Fibrous
2195	107-16A/ Plaster	NAD	5%Cellulose 95% Non-Fibrous

REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature:


Ethel M. Holmes, Laboratory Director
Lynn Wilkins, QA/QC Compliance Officer

Holmes Environmental, Inc.

Office (757) 587-1164

Fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NUMBER: Western State Hospital, Building 107

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND:	NAD: no asbestos detected	SCF: suspected ceramic fibers
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Page 4 of 4

*****End of Report*****

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 107

Date: April 2000

Page 1 of 5

Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-2170	12x12 Floor Tile	Room 139A S.E. corner	12x12 floor tile white with green and blue	61 sq. ft.	0	
GM-2171	Glue	Room 139A S.E. corner	Glue under the white with green and blue 12x12 floor tile	61 sq. ft.	0	
VAT-2172	12x12 Floor Tile	Room 205A N.E. corner	12x12 floor tile white with green and blue	83 sq. ft.	0	
GM-2173	Glue	Room 205A N.E. corner	Glue under the white with green and blue 12x12 floor tile	83 sq. ft.	0	
VAT-2174	12x12 Floor Tile	Room 240A S.E. corner	Glue under the white with green and blue 12x12 floor tile	62 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 107

Date: March 2000
Inspector Name: Brian Jones

Page 2 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-2175	Glue	Room 240A S.E. corner	Glue under the white with green and blue 12x12 floor tile	62 sq. ft.	0	
CT-2176	Ceiling Tile	Room 107-1 East side middle	2x2 Ceiling Tile (white)	374 sq. ft.	0	
CT-2177	Ceiling Tile	Room 107-2 At entrance to room	2x2 Ceiling Tile (white)	2014 sq. ft.	0	
CT-2178	Ceiling Tile	Room 103 S.W. damage spot	2x2 Ceiling Tile (white)	17 sq. ft.	0	
GM-2179	Glue	Room 107-1 East side middle	Glue spot (brown)	374 sq. ft.	0	
GM-2180	Glue	Room 107-2 At entrance to room	Glue spot (brown)	2014 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 107

Date: March 2000
Inspector Name: Brian Jones

Page 3 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-2181	Glue	Room 107-9 n.w. corner	Glue spot (brown)	203 sq. ft.	0	
PL-2182	Plaster	Room 107-5 North wall	Plaster white finish coat on walls	25 sq. ft.	0	
PL-2183	Brown undercoat	Room 107-5 North wall	Brown undercoat	25 sq. ft.	0	
PL-2184	Plaster	Room 107-10 West wall	Plaster white finish coat on walls	100 sq. ft.	0	
PL-2185	Brown undercoat	Room 107-10 West wall	Brown undercoat	100 sq. ft.	0	
PL-2186	Plaster	Room 103 West wall	Plaster white finish coat on walls	17 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
 Building No.: Building 107

Date: March 2000
 Inspector Name: Brian Jones

Page 4 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-2187	Brown undercoat	Room 103 West wall	Brown undercoat	17 sq. ft.	0	
PL-2188	Plaster	Room 116 East wall	Plaster white finish coat on walls	15 sq. ft.	0	
PL-2189	Brown undercoat	Room 116 East wall	Brown undercoat	15 sq. ft.	0	
PL-2190	Plaster	Room 127 West wall	Plaster white finish coat on walls	15 sq. ft.	0	
PL-2191	Brown undercoat	Room 127 West wall	Brown undercoat	15 sq. ft.	0	
PL-2192	Plaster	Room 140 North wall	Plaster white finish coat on walls	22 sq. ft.	0	
PL-2193	Brown undercoat	Room 140 North wall	Brown undercoat	22 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 107

Date: March 2000

Page 5 of 5

Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-2194	Plaster	Room 205A South wall	Plaster white finish coat on walls	83 sq. ft.	0	
PL-2195	Brown undercoat	Room 205A South wall	Brown undercoat	83 sq. ft.	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET



ATTN: Lynn Wilkens

COMPANY: _____

SUBJECT: Dept of Mental

Health - Asbestos fire door.

DATE: 8/21/00

FROM: Debbie Wagner

PHONE: 1-800-678-8910

FAX: 1-920-487-3636

Lynn -

Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

*NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1 *

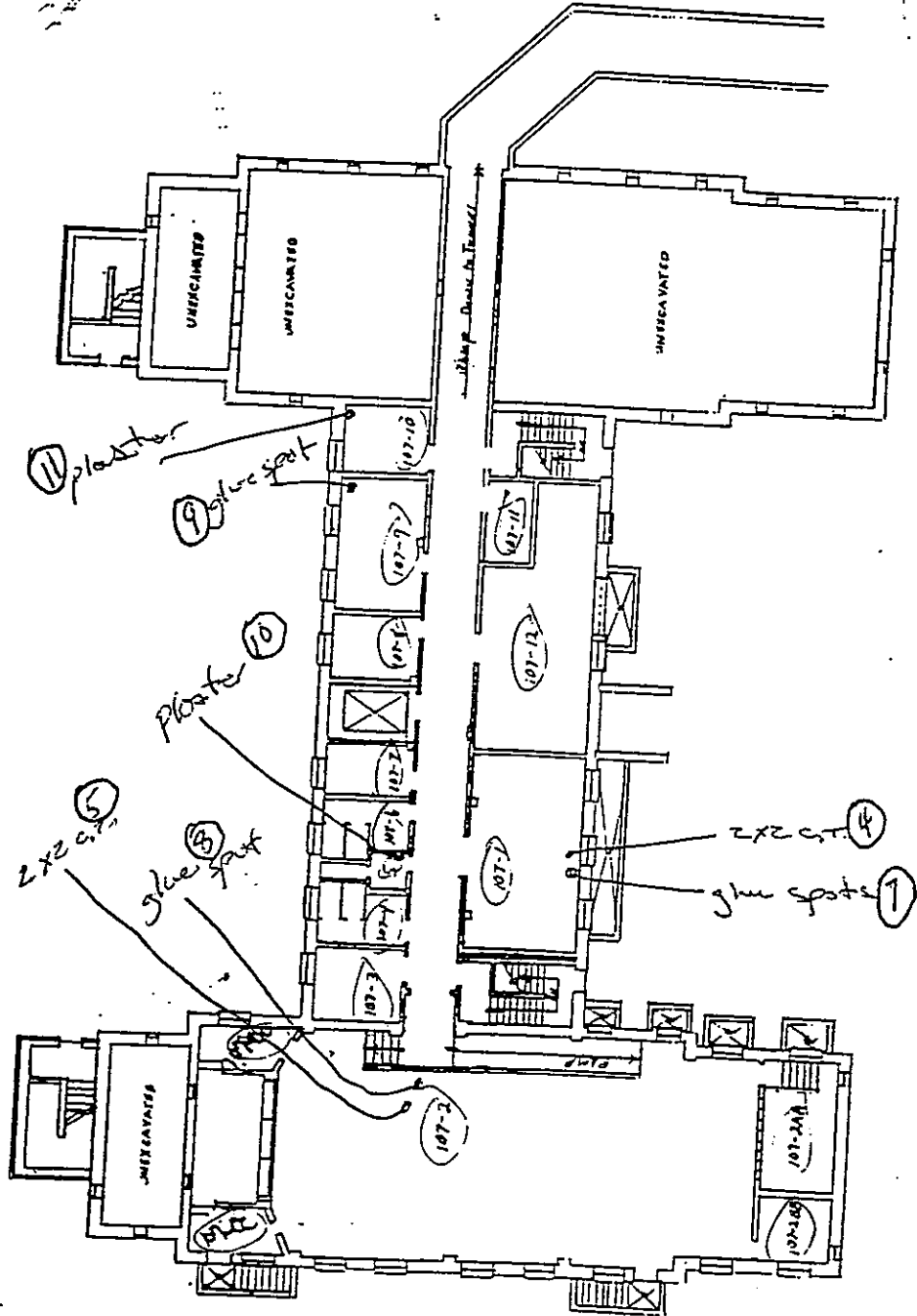
IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.

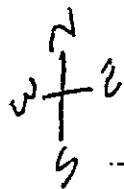
Debbie Wagner

1001 PERRY STREET, ALGOMA, WISCONSIN 54201

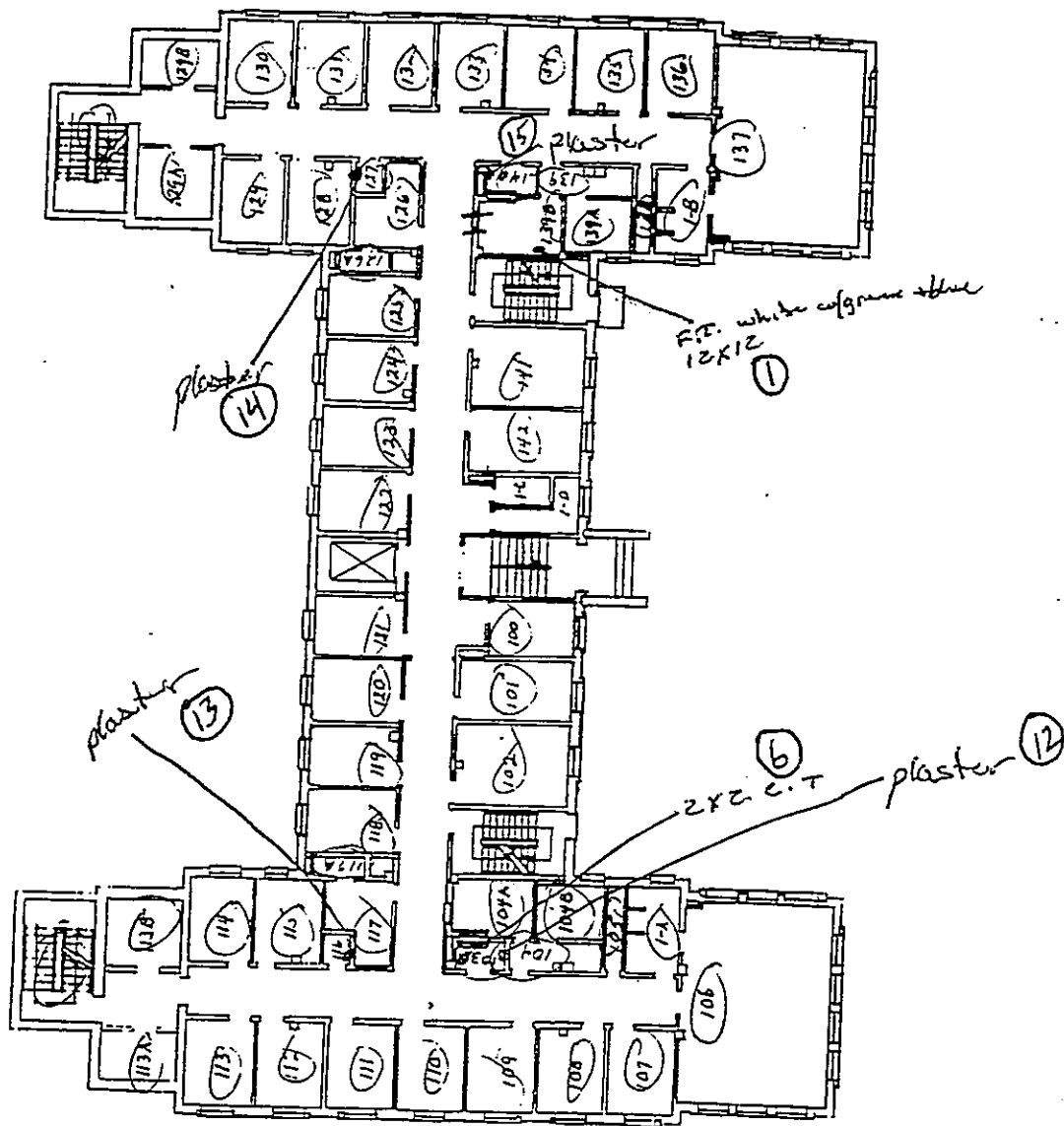
Bldg. 107	
Basement	50. FT.
RM. NO.	374
1	2013
2	160
3	82
4	86
5	86
6	108
7	83
8	25
9	83
10	80
11	102
12	203
13	100
14	68
15	464
Halls/Stairs	1,333
Walls/Part.	1,110
Total:	6,521
Attic:	1,440
Basement:	6,521
1st Floor:	2,337
2nd Floor:	2,337
Total:	14,155

BUILDING 107
Ward A. 516
Basement Floor Plan
Revised 4/89





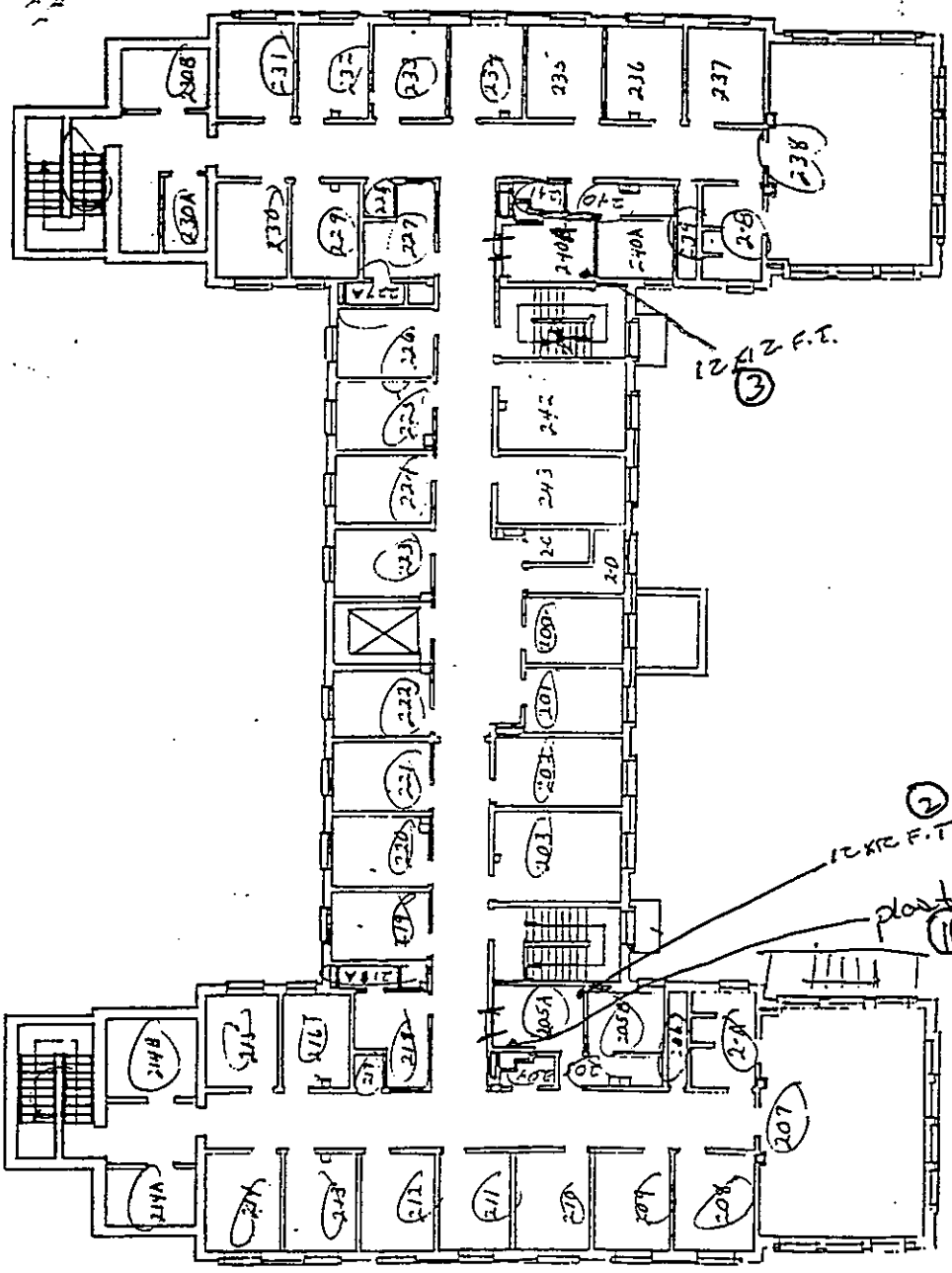
BUILDING 107
WARD A-5
FIRST FLOOR PLAN
REVISED 7/1989



BLDG. 107	W-5	FIRST FLOOR	NO.	NO.	NO.
101	101	101	101	101	101
102	102	102	102	102	102
103	103	103	103	103	103
104	104	104	104	104	104
105	105	105	105	105	105
106	106	106	106	106	106
107	107	107	107	107	107
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197	197	197	197	197	197
198	198	198	198	198	198
199	199	199	199	199	199
200	200	200	200	200	200

Bldg. 107
 A-2/Second Floor
 RM. NO. SQ. FT.

200	31
201	31
202	118
203	137
204	17
205	11
205A	33
205B	67
206	33
207	301
208	37
209	37
210	37
211	37
212	37
213	37
214	35
215	20
216	38
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299	38
300	38
Halls/Stair	207
Walls	684
Total	9,237

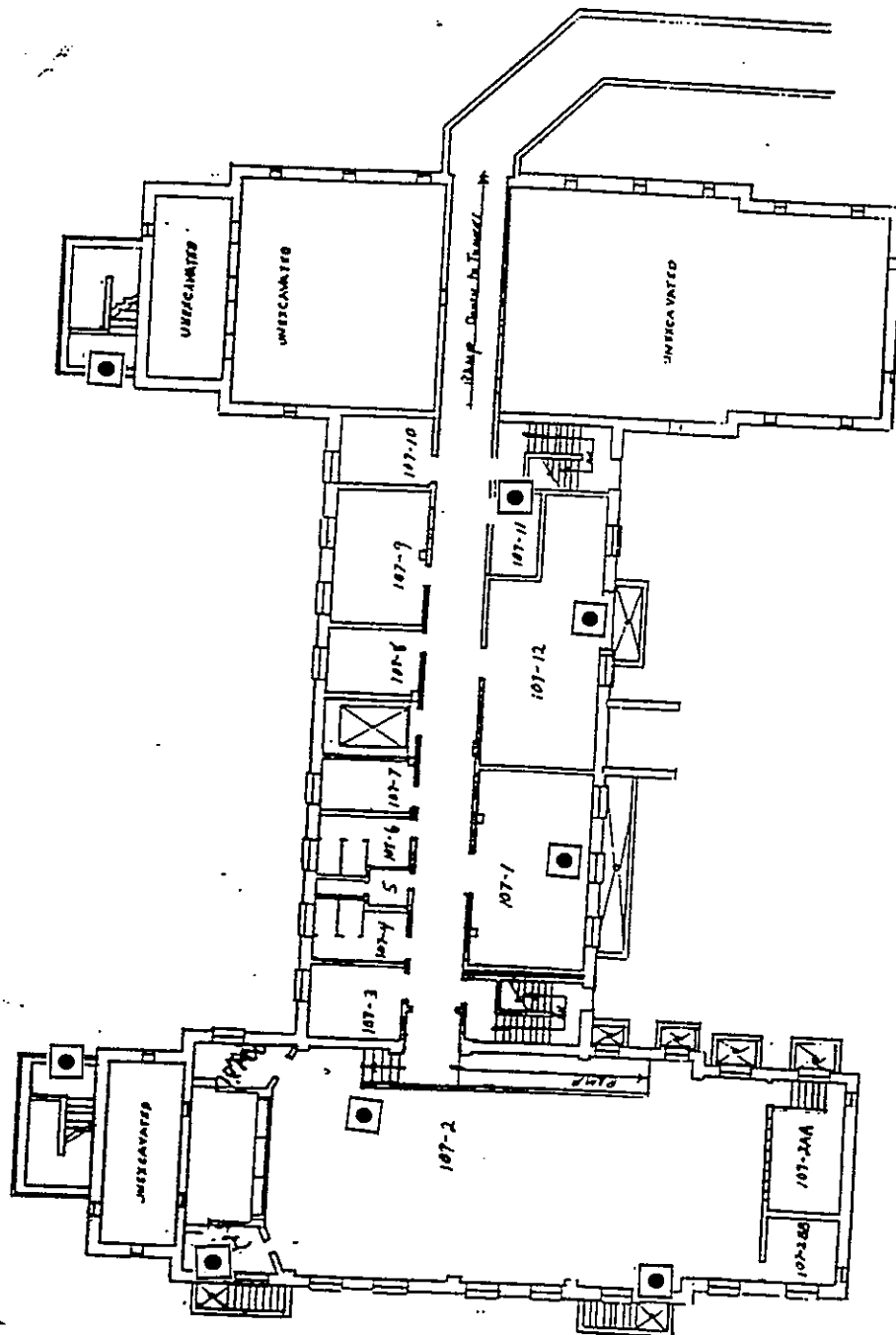


BUILDING 107
 WARD A6
 Revised 4/89
 SECOND FLOOR

Building 107

Fire Doors

● = Fire Doors



Bldg. 107	
Basement	50
1st Floor	20
2nd Floor	1
3rd Floor	1
4th Floor	1
5th Floor	1
6th Floor	1
7th Floor	1
8th Floor	1
9th Floor	1
10th Floor	1
11th Floor	1
12th Floor	1
Halls/Stairs	1.1
Walls/Part.	1.1
Total	6.1
Attic	1
Basement	6
1st Floor	9
2nd Floor	1
Total	17

BUILDING 107
WARD A.514
Basement Floor Plan
Revised 4/89

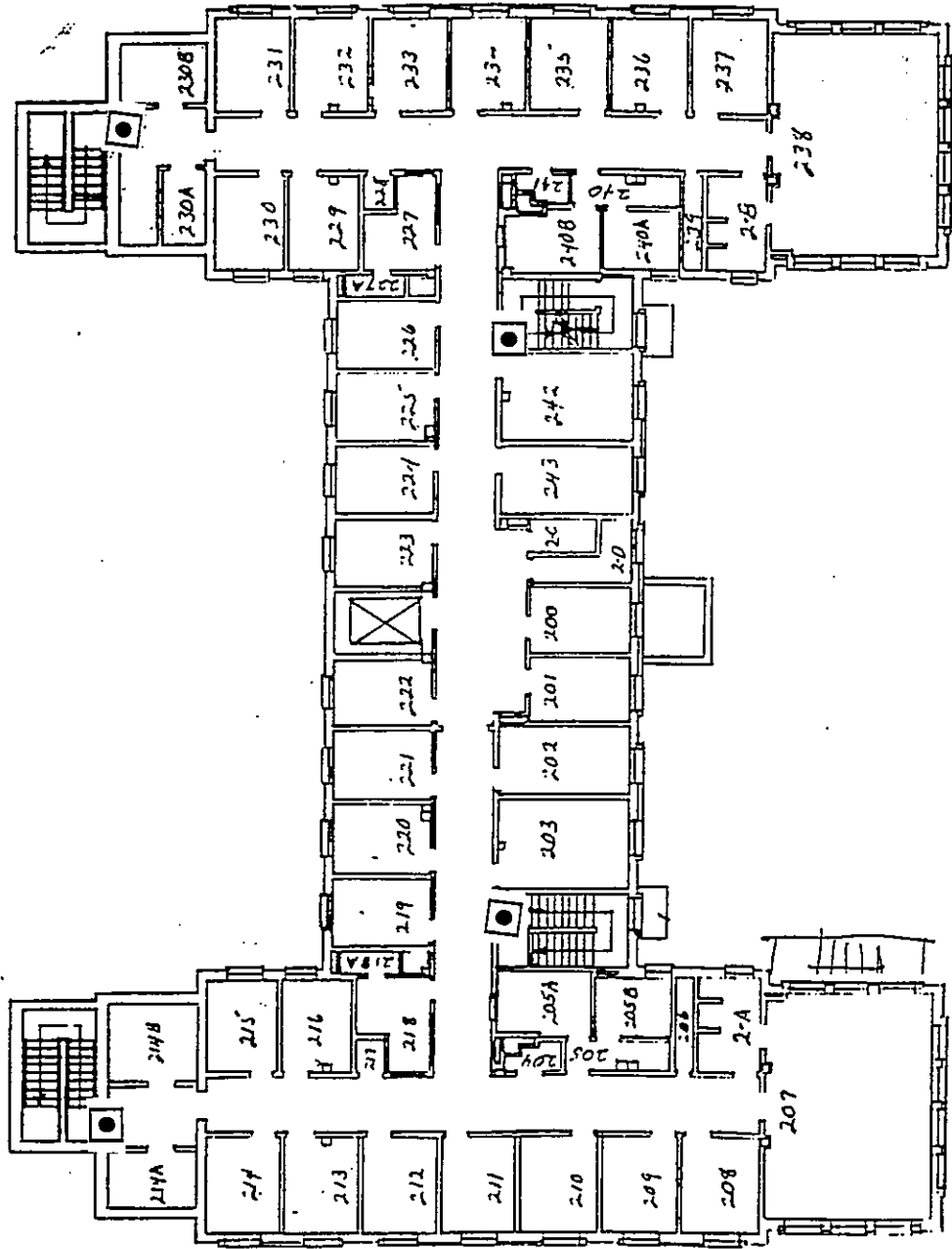
Building 107

Fire Doors

BUILDING 107
WARD A6
REVISED 4/89
SECOND FLOOR

● = Fire Doors

Room No.	Area	Fire Doors
200	31	
201	31	
202	118	
203	132	
204	17	
205	17	
206	17	
207	17	
208	17	
209	17	
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Halls/Stairs
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ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 107

Date: March 2000
Inspector Name: Brian Jones

Page 1 of 1

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
FD-01	Fire Doors	Room 1, 2, Stairwells, 11, 12, 214, 230 North stairway to attic	Fire Doors	12	See Algoma Sheet	5



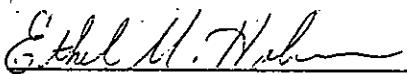
STATEMENT FOR ASBESTOS ASSESSMENT REPORT

The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia has been prepared and covers the following Building 107 Resident Care A 5-6 Unit. I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.


Asbestos Inspector

3303 000407
License Number

AUG 2000
Date

BUILDING 109

Building 109

Sewage Drying Bed

Constructed 1952

Building size 2176 s.f.

This is an unoccupied building that is used for storage of lawn maintenance equipment. The building has a concrete foundation and metal wall and roof. There is no suspected material in this building. **No samples** were collected.

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 109

Major Agency: 720
Using Agency: 706
Construction Date: 1952
Gross Sq. Feet: 2176

Sewage Drying Bed

All asbestos was removal from this area in 1999

BUILDING 112

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 1 of 10

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1640a	Floor tile	Room 143A S.E. corner	12x12 brown with tan floor tile	533 sq. ft.	0	
MA-1640b	Mastic	Room 143A S.E. corner	Black mastic under the floor tile	533 sq. ft.	5% Chrysotile	5
VCT-1641a	Floor tile	Room 146A N.E. corner	12x12 brown with tan floor tile	660 sq. ft.	0	
MA-1641b	Mastic	Room 146A N.E. corner	Black mastic under the floor tile	660 sq. ft.	5% Chrysotile	5
VCT-1643a	Floor tile	Room 251 N.W. corner	12x12 brown with tan floor tile	126 sq. ft.	0	
MA-1643b	Mastic	Room 251 N.W. corner	Black mastic under the floor tile	126 sq. ft.	5% Chrysotile	5

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

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HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1644a	Floor tile	Room 261 S.E. corner	12x12 yellow with white floor tile	126 sq. ft.	0	
MA-1644b	Mastic	Room 261 S.E. corner	Black mastic under the floor tile	126 sq. ft.	10% Chrysotile	5
VCT-1645a	Floor tile	Room 261 N.E. corner	12x12 yellow with white floor tile	126 sq. ft.	0	
MA-1645b	Mastic	Room 261 N.E. corner	Black mastic under the floor tile	126 sq. ft.	10% Chrysotile	5
VCT-1646a	Floor tile	Room 262 N.E. corner	12x12 yellow with white floor tile	389 sq. ft.	0	
MA-1646b	Mastic	Room 262 N.E. corner	Black mastic under the floor tile	389 sq. ft.	10% Chrysotile	5

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 3 of 10

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1647	Floor tile	Room 148 N.E. corner	12 x 12 floor tile white with green	68 sq. ft.	0	
VCT-1648a	Floor tile	Room 245 N.E. corner	12 x 12 floor tile white with green	36 sq. ft.	0	
MA-1648b	Mastic	Room 245 N.E. corner	Black mastic under the floor tile	36 sq. ft.	10% Chrysotile	5
VCT-1649a	Floor tile	Room 260 S.W. corner	12 x 12 floor tile white with green	80 sq. ft.	0	
MA-1649b	Mastic	Room 260 S.W. corner	Black mastic under the floor tile	80 sq. ft.	10% Chrysotile	5
VCT-1650a	Floor tile	Room 152 N.W corner	12 x 12 floor tile white with tan	264 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-1650b	Mastic	Room 152 N.W. corner	Black mastic under the floor tile	264 sq. ft.	10% Chrysotile	5
VCT-1651a	Floor tile	Room 153 N.W. corner	12 x 12 floor tile white with tan	288 sq. ft.	0	
MA-1651b	Mastic	Room 153 N.W. corner	Black mastic under the floor tile	288 sq. ft.	10% Chrysotile	5
VCT-1652a	Floor tile	Room 253 center of room	12 x 12 floor tile white with tan	284 sq. ft.	0	
MA-1652b	Mastic	Room 253 center of room	Black mastic under the floor tile	284 sq. ft.	10% Chrysotile	5
VS-1656	Sheet vinyl	Room 141 west wall at door	White sheet vinyl	184 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000

Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VS-1657	Sheet vinyl	Room 236A S.E. corner	White sheet vinyl	90 sq. ft.	0	
VS-1658	Sheet vinyl	Room 257 S.E. corner	White sheet vinyl	168 sq. ft.	0	
GM-1659	Glue	Room 257 S.E. corner	Glue on sheet vinyl	168 sq. ft.	0	
PL-1660	Plaster	Room 146 north wall	Plaster white finish coat	860 sq. ft.	0	
PU-1661	Plaster	Room 146 north wall	Plaster brown under coat	860 sq. ft.	0	
PL-1662	Plaster	Room 146A east wall	Plaster white finish coat	12 sq. ft.	0	
PU-1663	Plaster	Room 146A east wall	Plaster brown under coat	12 sq. ft.	0	
PL-1664	Plaster	Room 150 east wall	Plaster white finish coat	184 sq. ft.	0	
PU-1665	Plaster	Room 150 east wall	Plaster brown under coat	184 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1666	Plaster	Room 158 south wall	Plaster white finish coat	80 sq. ft.	0	
PU-1667	Plaster	Room 158 south wall	Plaster brown under coat	80 sq. ft.	0	
PL-1668	Plaster	Room 247 north wall	Plaster white finish coat	62 sq. ft.	0	
PU-1669	Plaster	Room 247 north wall	Plaster brown under coat	62 sq. ft.	0	
PL-1670	Plaster	Room 248 S.E. corner north wall	Plaster white finish coat	650 sq. ft.	0	
PU-1671	Plaster	Room 248 S.E. corner north wall	Plaster brown under coat	650 sq. ft.	0	
PL-1672	Plaster	Room 260 north wall	Plaster white finish coat	80 sq. ft.	0	
PU-1673	Plaster	Room 260 north wall	Plaster brown under coat	80 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AMERA DAMAGE CODE
SH-1674	Sheet rock	Room 243 S.W. corner	Sheet rock	All wall in Room 243	0	
JC-1675	Joint compound	Room 243 S.W. corner	Joint compound	All wall in Room 243	2% Chrysotile	5
SH-1676	Sheet rock	Room 260 east wall	Sheet rock	All wall in Room 260	0	
JC-1677	Joint compound	Room 260 east wall	Joint compound	All wall in Room 260	2% Chrysotile	5
SH-1678	Sheet rock	Room 261 west wall	Sheet rock	All wall in Room 261	0	
JC-1679	Joint compound	Room 261 west wall	Joint compound	All wall in Room 261	0	
BB-1680	Cove base	Room 146A N.E. corner	Cove base	Around the wall edge in Room 146A	0	
GM-1681	Glue	Room 146A N.E. corner	Glue	Behind the cover base in Room 146A	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 8 of 10

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
BB-1682	Cove base	Room 251 N. W. corner	Vinyl cove base	Around the wall edge in Room 251	0	
GM-1683	Cove Base Glue	Room 251 N. W. corner	Brown glue	Behind the cover base in Room 251	0	
BB-1684	Cove base	Room 245 N. W. corner	Vinyl cove base	Around the wall edge in Room 245	0	
GM-1685	Cove Base Glue	Room 245 N. W. corner	Brown glue	Behind the cover base in Room 245	0	
CT-1686	Ceiling tile	Room 146 S.W. corner	1 x 1 ceiling tile white	860 sq. ft.	0	
GM-1687	Glue	Room 146 S.W. corner	Ceiling tile glue	860 sq. ft.	0	
CT-1688	Ceiling tile	Room 244 south side middle tile	1 x 1 ceiling tile white	533 sq. ft.	0	
GM-1689	Glue	Room 244 south side middle tile	Ceiling tile glue	533 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000

Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1690	Ceiling tile	Room 248 N.E. corner	1 x 1 ceiling tile white	650 sq. ft.	0	
GM-1691	Glue	Room 248 N.E. corner	Ceiling tile glue	650 sq. ft.	0	
CT-1692	Ceiling tile	Room 150A N.E. corner	2 x 4 ceiling tile white with lines	106 sq. ft.	0	
CT-1693	Ceiling tile	Room 135 hallway door	2 x 4 ceiling tile white with lines	100 sq. ft.	0	
CT-1694	Ceiling tile	Room 153 hallway door	2 x 4 ceiling tile white with lines	288 sq. ft.	0	
CT-1695	Ceiling tile	Room 243 N.E. corner	2 x 4 ceiling tile white with dots	126 sq. ft.	0	
CT-1696	Ceiling tile	Room 245 S.W. corner	2 x 4 ceiling tile white with dots	86 sq. ft.	0	
CT-1697	Ceiling tile	Room 254 N.E. corner	2 x 4 ceiling tile white with dots	264 sq. ft.	0	
WG-1698	Window glazing	Room 141 window bottom	Gray window glazing	184 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 10 of 10

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
WG-1699	Window glazing	Room 141A window bottom	Gray window glazing	All window in Room 141A	5% Chrysotile	5
WG-1700	Window glazing	Room 143 window bottom	Gray window glazing	All window in Room 143	5% Chrysotile	5
WC-1701	Window caulking	Room 141 window right side	Gray and white window caulking	All window in Room 141	0	
WC-1702	Window caulking	Room 141A window right side	Gray and white window caulking	All window in Room 141A	0	
WC-1703	Window caulking	Room 143 window right side	Gray and white window caulking	All window in Room 143	0	

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 112

Major Agency: 720
Using Agency: 706
Construction Date: 1959
Gross Sq. Feet: 43299

Area Number: 1-Description: Permanent Ceiling

Note: Sprayed on acoustical plasters located above 2x4 drop tiles in the rooms of all four wings 1st and 2nd floor. These rooms are used mainly as patient sleeping quarter. Spray-on is not located above the drop ceiling in hallways or in rooms off the main corridor. These areas have permanent sheet rock ceilings or cement and corrugated steel upper ceilings According to the previous Hall-Kimberl this spray on plaster is asbestos containing material.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
Rooms 152, 224, 238, and 254 - Above Drop Ceiling sprayed acoustical plaster		3	21000.00	20	*****	73500.00	73500.00
Area Total:					*****	73500.00	73500.00

Area Number: 2-Description: Mechanical Room, Crawl space
There is one small door on the north wall (2'x2') and one door on the south wall (1-1/2'x2') for accessing the tunnel carrying steam between the buildings. Note: The north crawlspace tunnel has old mag insulation. The south crawlspace tunnel has new fiberglass insulation.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
Through middle, along north wall	mjp on pipe covering	3	21.00	45	168.00	147.00	315.00
Through middle, along north wall	mjp on pipe covering	3	38.00	45	266.00	228.00	494.00
Through middle, along north wall	mjp on pipe covering	3	69.00	45	483.00	414.00	897.00
Through middle, along north wall	pipe covering	3	97.00	70	582.00	582.00	1164.00
Through middle, along north wall	pipe covering	3	141.00	70	705.00	1410.00	1410.00
Through middle, along north wall	pipe covering	3	166.00	70	830.00	1660.00	1660.00

Area Total:

289440.00

HOLMES ENVIRONMENTAL, INC.
1600 East Little Creek Road, Suite 308
Norfolk, Virginia 23518
Office 757-587-1164 Fax 757-587-1352
E-Mail : henvinc@aol.com
Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 2, 2000

DATE OF ANALYSIS: May 2, 2000

DATE OF REPORT: May 31, 2000

CLIENT PROJECT NAME: Building 112, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1640 a	112-1/ Brown floor tile	NAD	10% Cellulose 90% Non-fibrous
1640 b	112-1/ Mastic	5% Chrysotile	95% Non-fibrous
1641 a	112-2/ Brown floor tile	NAD	10% Cellulose 90% Non-fibrous
1641 b	112-2/ Mastic	5% Chrysotile	95% Non-fibrous
1643 a	112-3/ Brown floor tile	NAD	10% Cellulose 90% Non-fibrous
1643 b	112-3/ Mastic	5% Chrysotile	95% Non-fibrous
1644 a	112-4/ Yellow floor tile	NAD	10% Cellulose 90% Non-fibrous
1644 b	112-4/ Mastic	10% Chrysotile	10% Cellulose 80% Non-fibrous
1645 a	112-5/ Yellow floor tile	NAD	10% Cellulose 90% Non-fibrous

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(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 112 Western State Hospital, Staunton, Va

1645 b	112-5/ Mastic	10% Chrysotile	10% Cellulose 80% Non-fibrous
1646 a	112-6/ Yellow floor tile	NAD	10% Cellulose 90% Non-fibrous
1646 b	112-6/ Mastic	10% Chrysotile	10% Cellulose 80% Non-fibrous
1647	112-7/ White floor tile	NAD	5% Cellulose 95% Non-fibrous
1648 a	112-8/ White floor tile	NAD	5% Cellulose 95% Non-fibrous
1648 b	112-8/ Mastic	10% Chrysotile	10% Cellulose 80% Non-fibrous
1649 a	112-9/ White floor tile	NAD	5% Cellulose 95% Non-fibrous
1649 b	112-9/ Mastic	10% Chrysotile	10% Cellulose 80% Non-fibrous
1650 a	112-10/ White floor tile	NAD	5% Cellulose 95% Non-fibrous
1650 b	112-10/ Mastic	10% Chrysotile	10% Cellulose 80% Non-fibrous
1651 a	112-11/ White floor tile	NAD	10% Cellulose 90% Non-fibrous
1651 b	112-11/ Mastic	10% Chrysotile	10% Cellulose 80% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 112 Western State Hospital, Staunton, Va

1652 a	112-12/ White floor tile	NAD	10% Cellulose 90% Non-fibrous
1652 b	112-12/ Mastic	10% Chrysotile	10% Cellulose 80% Non-fibrous
1656	112-13/ White sheet vinyl	NAD	10% Fiber-glass 25% Cellulose 65% Non-fibrous
1657	112-14/ White sheet vinyl	NAD	10% Fiber-glass 25% Cellulose 65% Non-fibrous
1658	112-15/ White sheet vinyl	NAD	10% Fiber-glass 25% Cellulose 65% Non-fibrous
1659	112-15/ Glue	NAD	100% Non-fibrous
1660	112-16/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1661	112-16a/ Brown plaster	NAD	10% Cellulose 90% Non-fibrous
1662	112-17/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1663	112-17a/ Brown plaster	NAD	10% Cellulose 90% Non-fibrous
1664	112-18/ White plaster	NAD	5% Cellulose 95% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 112 Western State Hospital, Staunton, Va

1665	112-18a/ Brown plaster	NAD	10% Cellulose 90% Non-fibrous
1666	112-19/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1667	112-19a/ Brown plaster	NAD	10% Cellulose 90% Non-fibrous
1668	112-20/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1669	112-20a/ Brown plaster	NAD	10% Cellulose 90% Non-fibrous
1670	112-21/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1671	112-21a/ Brown plaster	NAD	10% Cellulose 90% Non-fibrous
1672	112-22/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1673	112-22a/ Brown plaster	NAD	10% Cellulose 90% Non-fibrous
1674	112-23/ Sheetrock	NAD	15% Fiber-glass 10% Cellulose 75% Non-fibrous
1675	112-23a/ Joint compound	2% Chrysotile	2% Fiber-glass 5% Cellulose 91% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 112 Western State Hospital, Staunton, Va

1676	112-24/ Sheetrock	NAD	15% Fiber-glass 10% Cellulose 75% Non-fibrous
1677	112-24a/ Joint compound	2% Chrysotile	2% Fiber-glass 5% Cellulose 91% Non-fibrous
1678	112-25/ Sheetrock	NAD	10% Fiber-glass 20% Cellulose 70% Non-fibrous
1679	112-25a/ Joint compound	NAD	5% Cellulose 95% Non-fibrous
1680	112-26/ Covebase	NAD	100% Non-fibrous
1681	112-26/ Glue	NAD	100% Non-fibrous
1682	112-27/ Covebase	NAD	100% Non-fibrous
1683	112-27/ Glue	NAD	100% Non-fibrous
1684	112-28/ Covebase	NAD	100% Non-fibrous
1685	112-28/ Glue	NAD	100% Non-fibrous
1686	112-29/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1687	112-29a/Glue	NAD	100% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRAS

CLIENT PROJECT NAME: Building 112 Western State Hospital, Staunton, Va

1688	112-30/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1689	112-30a/ Glue	NAD	100% Non-fibrous
1690	112-31/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1691	112-31a/ Glue	NAD	100% Non-fibrous
1692	112-32/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1693	122-33/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1694	122-34/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1695	122-35/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1696	122-35/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1697	122-36/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRAS

CLIENT PROJECT NAME: Building 112 Western State Hospital, Staunton, Va

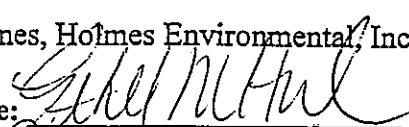
1697	122-37/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1698	122-38/ Gray window glazing	NAD	5% Cellulose 95% Non-fibrous
1699	112-39/ Gray window glazing	5% Chrysotile	5% Cellulose 90% Non-fibrous
1700	122-40/ Gray window glazing	5% Chrysotile	3% Cellulose 92% Non-fibrous
1701	122-41/ Gray and white window caulking	NAD	100% Non-fibrous
1702	122-42/ Gray and white window caulking	NAD	100% Non-fibrous
1703	122-43/ Gray and white window caulking	NAD	100% Non-fibrous

REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature:


Ethel M. Holmes, Laboratory Director
Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND: NAD: no asbestos detected
SCF: suspected ceramic fibers

Page 8 of 8

*****End of Report*****

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000

Inspector Name: Brian Jones

Page 1 of 8

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1640a	Floor tile	Room 143A S.E. corner	12x12 brown with tan floor tile	533 sq. ft.	0	
VCT-1641a	Floor tile	Room 146A N.E. corner	12x12 brown with tan floor tile	660 sq. ft.	0	
VCT-1643a	Floor tile	Room 251 N.W. corner	12x12 brown with tan floor tile	126 sq. ft.	0	
VCT-1644a	Floor tile	Room 261 S.E. corner	12x12 yellow with white floor tile	126 sq. ft.	0	
VCT-1645a	Floor tile	Room 261 N.E. corner	12x12 yellow with white floor tile	126 sq. ft.	0	
VCT-1646a	Floor tile	Room 262 N.E. corner	12x12 yellow with white floor tile	389 sq. ft.	0	
VCT-1647	Floor tile	Room 148 N.E. corner	12 x 12 floor tile white with green	68 sq. ft.	0	
VCT-1648a	Floor tile	Room 245 N.E. corner	12 x 12 floor tile white with green	36 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000

Inspector Name: Brian Jones

Page 3 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VS-1657	Sheet vinyl	Room 236A S.E. corner	White sheet vinyl	90 sq. ft.	0	
VS-1658	Sheet vinyl	Room 257 S.E. corner	White sheet vinyl	168 sq. ft.	0	
GM-1659	Glue	Room 257 S.E. corner	Glue on sheet vinyl	168 sq. ft.	0	
PL-1660	Plaster	Room 146 north wall	Plaster white finish coat	860 sq. ft.	0	
PU-1661	Plaster	Room 146 north wall	Plaster brown under coat	860 sq. ft.	0	
PL-1662	Plaster	Room 146A east wall	Plaster white finish coat	12 sq. ft.	0	
PU-1663	Plaster	Room 146A east wall	Plaster brown under coat	12 sq. ft.	0	
PL-1664	Plaster	Room 150 east wall	Plaster white finish coat	184 sq. ft.	0	
PU-1665	Plaster	Room 150 east wall	Plaster brown under coat	184 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 4 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1666	Plaster	Room 158 south wall	Plaster white finish coat	80 sq. ft.	0	
PU-1667	Plaster	Room 158 south wall	Plaster brown under coat	80 sq. ft.	0	
PL-1668	Plaster	Room 247 north wall	Plaster white finish coat	62 sq. ft.	0	
PU-1669	Plaster	Room 247 north wall	Plaster brown under coat	62 sq. ft.	0	
PL-1670	Plaster	Room 248 S.E. corner north wall	Plaster white finish coat	650 sq. ft.	0	
PU-1671	Plaster	Room 248 S.E. corner north wall	Plaster brown under coat	650 sq. ft.	0	
PL-1672	Plaster	Room 260 north wall	Plaster white finish coat	80 sq. ft.	0	
PU-1673	Plaster	Room 260 north wall	Plaster brown under coat	80 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000

Inspector Name: Brian Jones

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HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SH-1674	Sheet rock	Room 243 S.W. corner	Sheet rock	All wall in Room 243	0	
SH-1676	Sheet rock	Room 260 east wall	Sheet rock	All wall in Room 260	0	
SH-1678	Sheet rock	Room 261 west wall	Sheet rock	All wall in Room 261	0	
JC-1679	Joint compound	Room 261 west wall	Joint compound	All wall in Room 261	0	
BB-1680	Cove base	Room 146A N.E. corner	Cove base	Around the wall edge in Room 146A	0	
GM-1681	Glue	Room 146A N.E. corner	Glue	Behind the cove base in Room 146A	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 6 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
BB-1682	Cove base	Room 251 N. W. corner	Vinyl cove base	Around the wall edge in Room 251	0	
GM-1683	Cove Base Glue	Room 251 N. W. corner	Brown glue	Behind the cove base in Room 251	0	
BB-1684	Cove base	Room 245 N. W. corner	Vinyl cove base	Around the wall edge in Room 245	0	
GM-1685	Cove Base Glue	Room 245 N. W. corner	Brown glue	Behind the cove base in Room 245	0	
CT-1686	Ceiling tile	Room 146 S. W. corner	1 x 1 ceiling tile white	860 sq. ft.	0	
GM-1687	Glue	Room 146 S. W. corner	Ceiling tile glue	860 sq. ft.	0	
CT-1688	Ceiling tile	Room 244 south side middle tile	1 x 1 ceiling tile white	533 sq. ft.	0	
GM-1689	Glue	Room 244 south side middle tile	Ceiling tile glue	533 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 7 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1690	Ceiling tile	Room 248 N.E. corner	1 x 1 ceiling tile white	650 sq. ft.	0	
GM-1691	Glue	Room 248 N.E. corner	Ceiling tile glue	650 sq. ft.	0	
CT-1692	Ceiling tile	Room 150A N.E. corner	2 x 4 ceiling tile white with lines	106 sq. ft.	0	
CT-1693	Ceiling tile	Room 135 hallway door	2 x 4 ceiling tile white with lines	100 sq. ft.	0	
CT-1694	Ceiling tile	Room 153 hallway door	2 x 4 ceiling tile white with lines	288 sq. ft.	0	
CT-1695	Ceiling tile	Room 243 N.E. corner	2 x 4 ceiling tile white with dots	126 sq. ft.	0	
CT-1696	Ceiling tile	Room 245 S.W. corner	2 x 4 ceiling tile white with dots	86 sq. ft.	0	
CT-1697	Ceiling tile	Room 254 N.E. corner	2 x 4 ceiling tile white with dots	264 sq. ft.	0	
WG-1698	Window glazing	Room 141 window bottom	Gray window glazing	184 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 8 of 8

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
WC-1701	Window caulking	Room 141 window right side	Gray and white window caulking	All window in Room 141	0	
WC-1702	Window caulking	Room 141A window right side	Gray and white window caulking	All window in Room 141A	0	
WC-1703	Window caulking	Room 143 window right side	Gray and white window caulking	All window in Room 143	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET



ATTN: Lynn Wilken

COMPANY: _____

SUBJECT: Dept of Mental
Health - Asbestos fire door.

DATE: 8/21/00
FROM: Debbie Wagner
PHONE: 1-800-678-8910
FAX: 1-920-487-3836

Lynn -

Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

*NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1 *

IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.

Debbie Wagner

112-1
Brown
12x12
Glazing 112-40/43
caulking

112-18
Plaster

white w/ tan
12x12
112-10

112-32
C.T. 2x4 lns

12x12
Brown
112-28

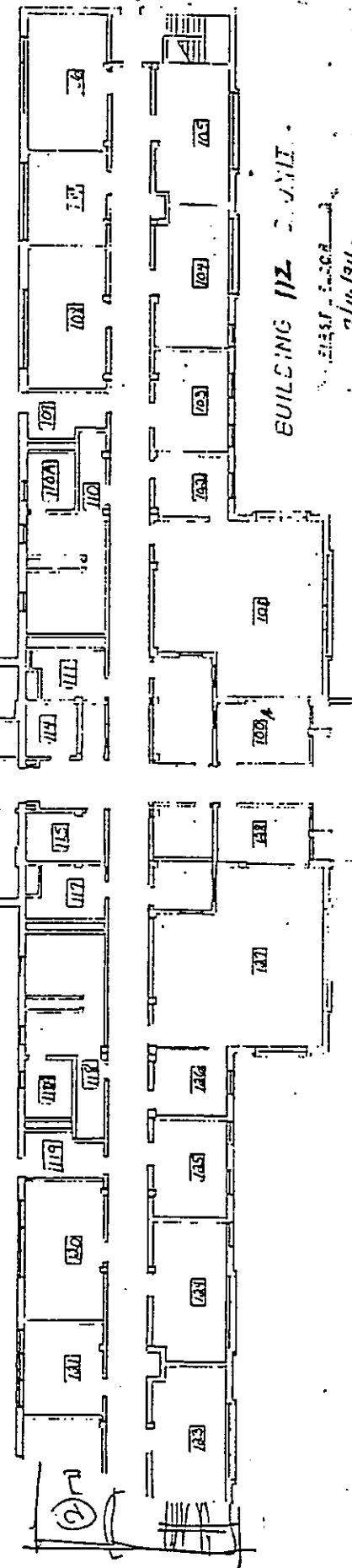
112-16
Plaster

112-29
Plaster

112-19
Plaster

C.T.
2x4 lns
112-33

Sheet Vinyl
112-13



BUILDING 112 CONT.

7/10/84
7/10/84

20-84

Indicates ACM Areas
• BLACK MASTIC

F
N
W

112-31
1x1c.T./blue

112-21 plaster

112-3
12x12 brown

112-27
carbone

white/stone
112-12

112-37
2x4x8

112-30
14x16.T./blue

112-35
2x4x8

112-36
2x4x8

short vinyl
112-14

carbone
112-28

112-25
12x12 yellow

112-22
plaster

112-21
plaster

112-20
plaster

112-19
plaster

112-18
plaster

112-17
plaster

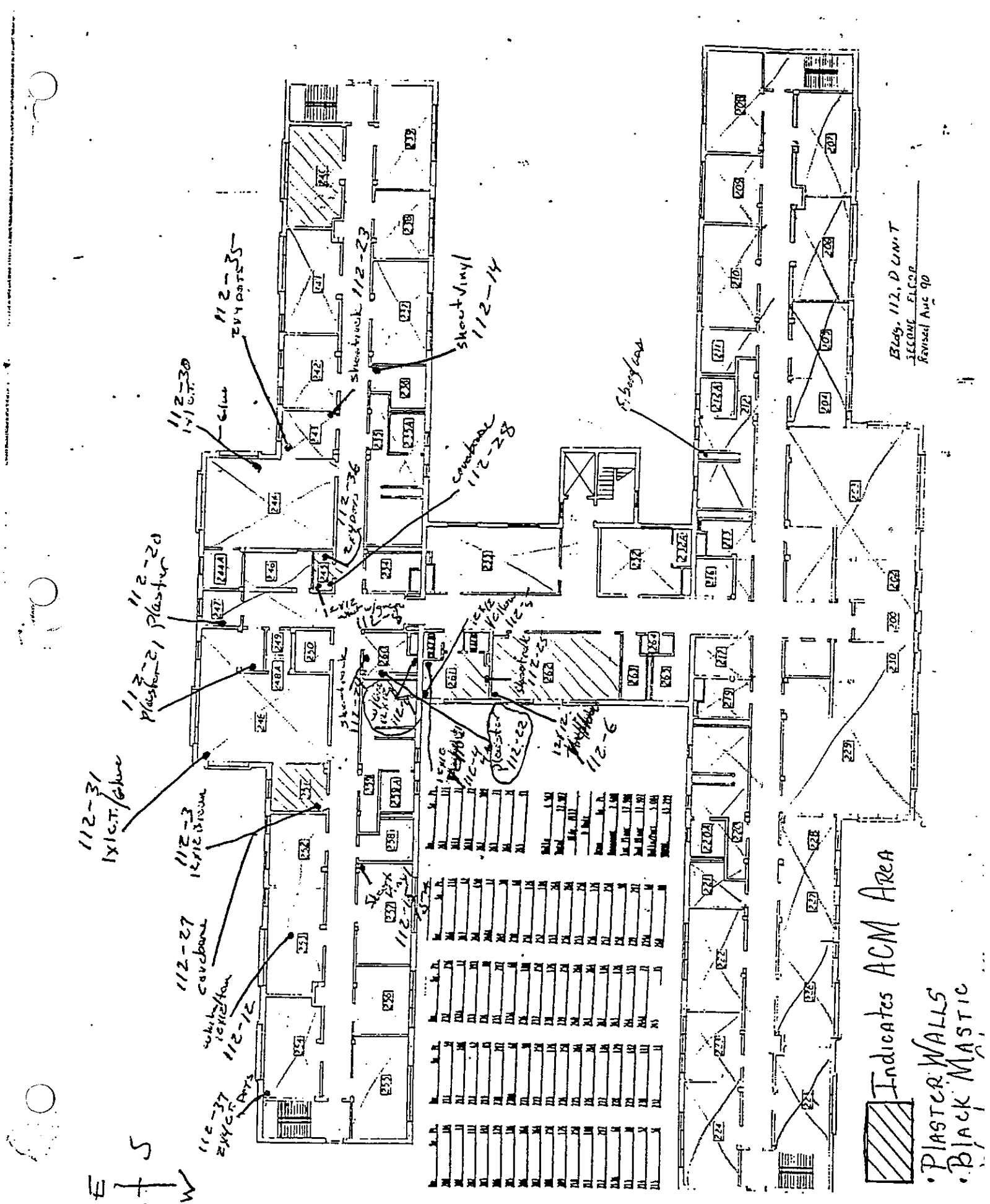
112-16
plaster

112-29
2x4x8

Indicates ACM Area

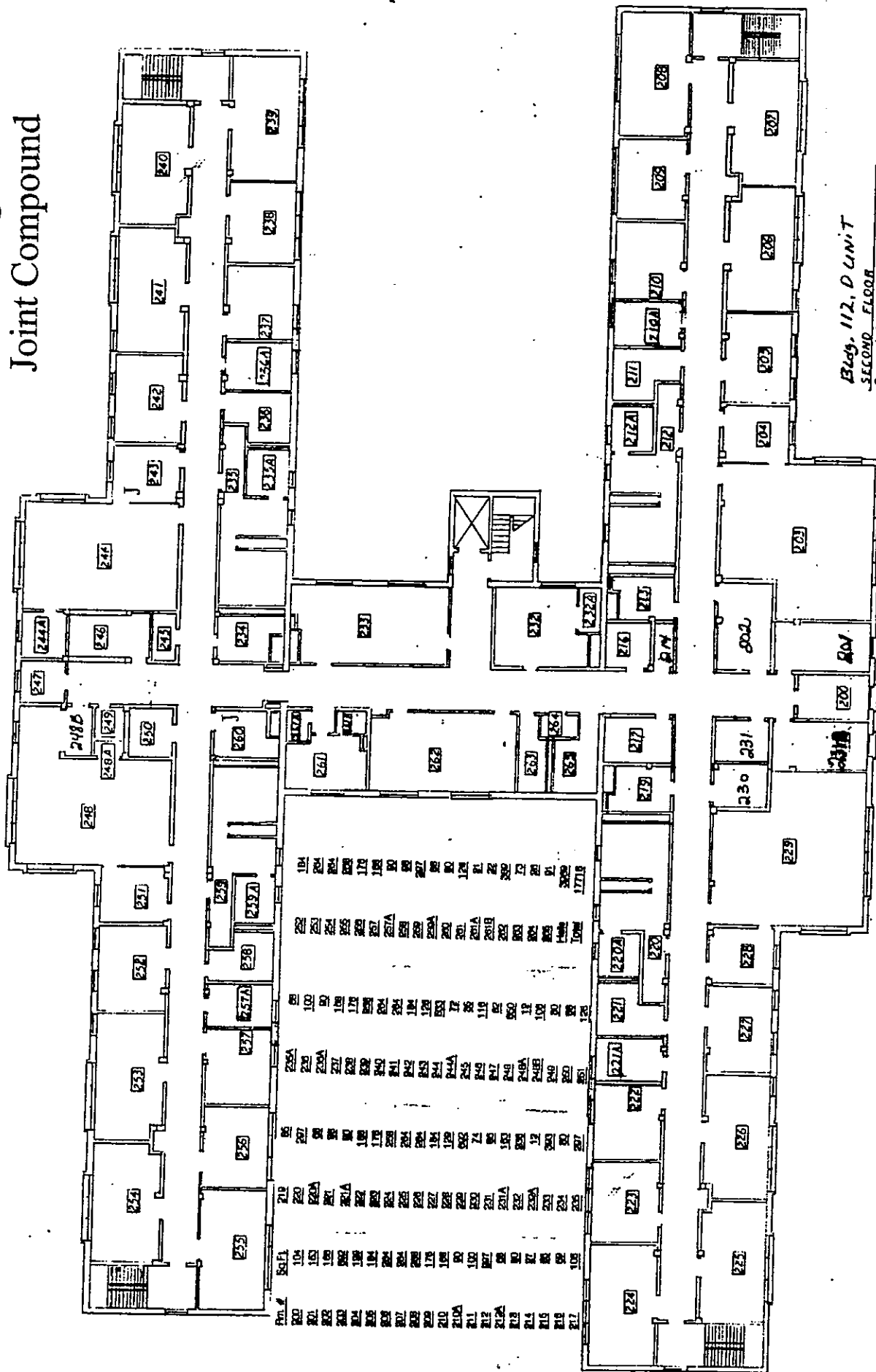
PLASTER WALLS
BLACK MASTIC

BLDG. 112, D UNIT
SECOND FLOOR
Riverside Ave 90



Building 112 Joint Compound

J=Joint Compound

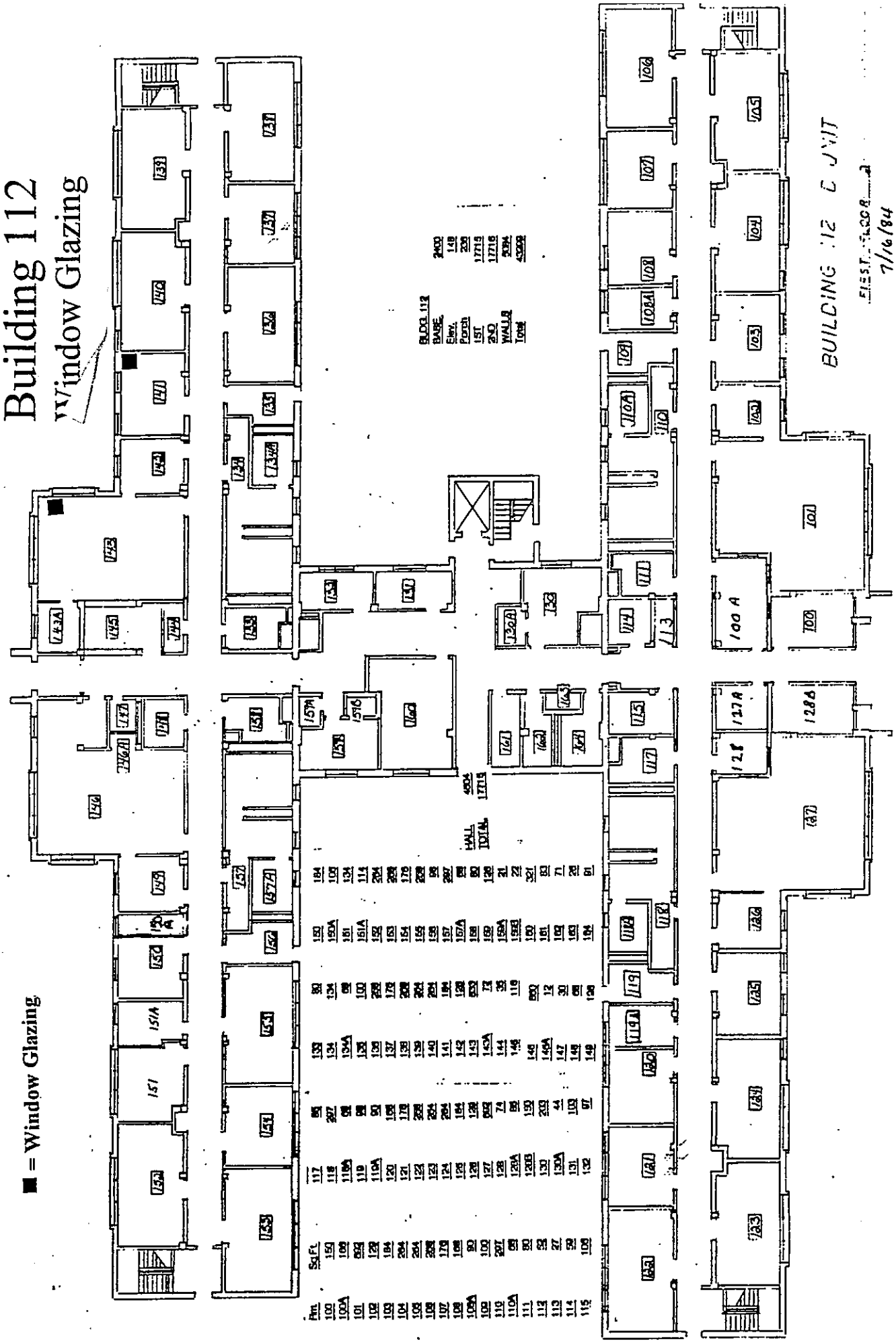


Blg. 112, D Unit
SECOND FLOOR
Revised Aug 90
Revised 5/95

112

Building 112 Window Glazing

■ = Window Glazing



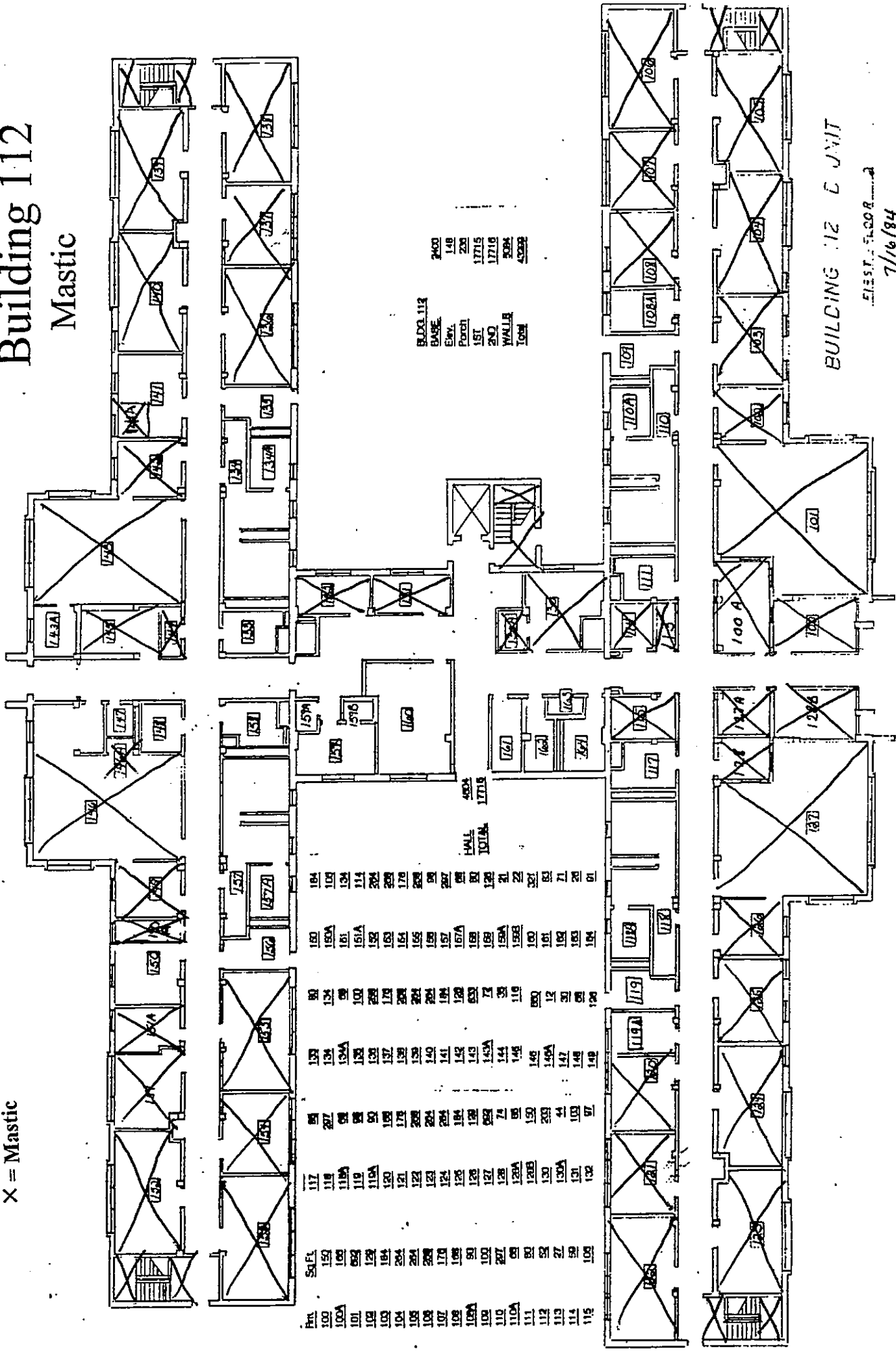
BUILDING 112 C JVT

ELECT. 112008
7/16/84
Revised Aug 90
Revised Aug 94
7/21/84 5/7/85

112

X = Mastic

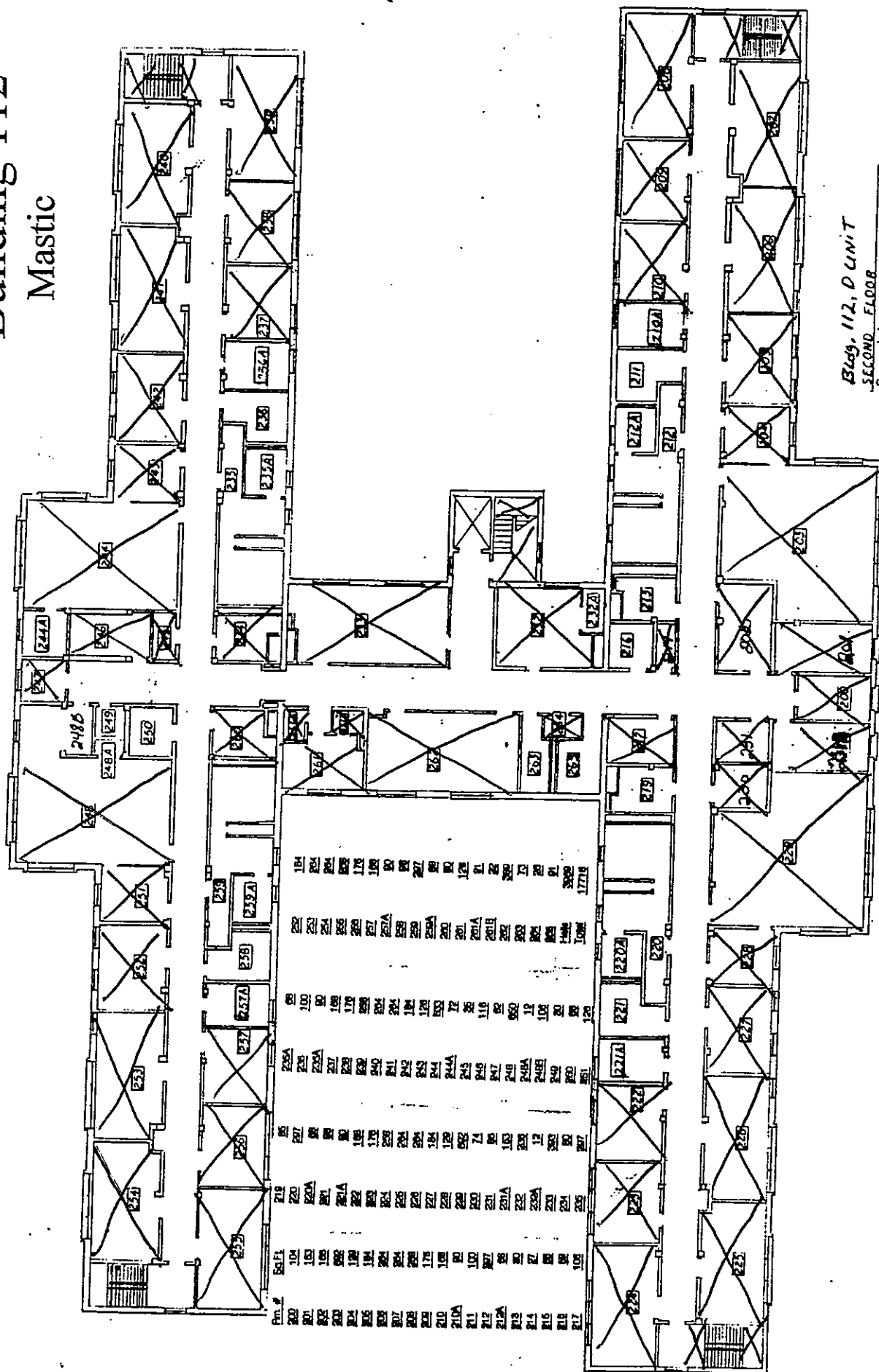
Building 112 Mastic



Room	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	129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Building 112 Mastic

X = Mastic



BLDG. 112, D UNIT
SECOND FLOOR
Revised Aug 90
Revised 5/95

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 1 of 3

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-1640b	Mastic	Room 143A S.E. corner	Black mastic under the floor tile	533 sq. ft.	5% Chrysotile	5
MA-1641b	Mastic	Room 146A N.E. corner	Black mastic under the floor tile	660 sq. ft.	5% Chrysotile	5
MA-1643b	Mastic	Room 251 N.W. corner	Black mastic under the floor tile	126 sq. ft.	5% Chrysotile	5
MA-1644b	Mastic	Room 261 S.E. corner	Black mastic under the floor tile	126 sq. ft.	10% Chrysotile	5
MA-1645b	Mastic	Room 261 N.E. corner	Black mastic under the floor tile	126 sq. ft.	10% Chrysotile	5
MA-1646b	Mastic	Room 262 N.E. corner	Black mastic under the floor tile	389 sq. ft.	10% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 2 of 3

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-1648b	Mastic	Room 245 N.E. corner	Black mastic under the floor tile	86 sq. ft.	10% Chrysotile	5
MA-1649b	Mastic	Room 260 S.W. corner	Black mastic under the floor tile	80 sq. ft.	10% Chrysotile	5
MA-1650b	Mastic	Room 152 N.W. corner	Black mastic under the floor tile	264 sq. ft.	10% Chrysotile	5
MA-1651b	Mastic	Room 153 N.W. corner	Black mastic under the floor tile	268 sq. ft.	10% Chrysotile	5
MA-1652b	Mastic	Room 253 center of room	Black mastic under the floor tile	264 sq. ft.	10% Chrysotile	5
JC-1675	Joint compound	Room 243 S.W. corner	Joint compound	126 sq. ft.	2% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 112

Date: March 28, 2000
Inspector Name: Brian Jones

Page 3 of 3

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
JC-1677	Joint compound	Room 260 east wall	Joint compound	80 sq. ft.	2% Chrysotile	5
WG-1699	Window glazing	Room 141A window bottom	Gray window glazing	184 sq. ft.	5% Chrysotile	5
WG-1700	Window glazing	Room 143 window bottom	Gray window glazing	533 sq. ft.	5% Chrysotile	5

STATEMENT FOR ASBESTOS ASSESSMENT REPORT

The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia, has been prepared and covers the following Building 112 Resident Care D Unit.

I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.

Ethel M. Walker
Asbestos Inspector

3303 000407
License Number

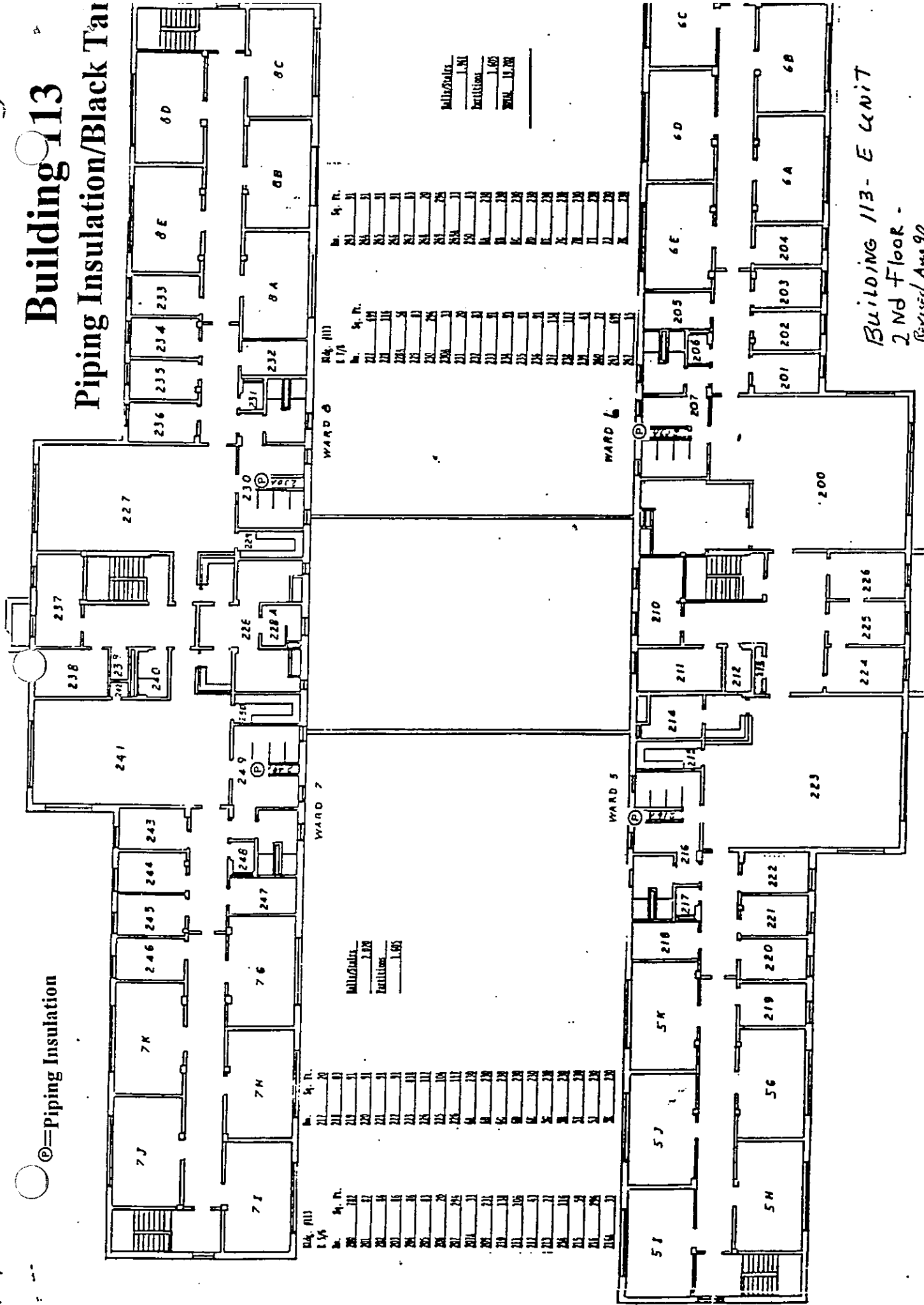
AUG 2000
Date

BUILDING 113

○=Piping Insulation

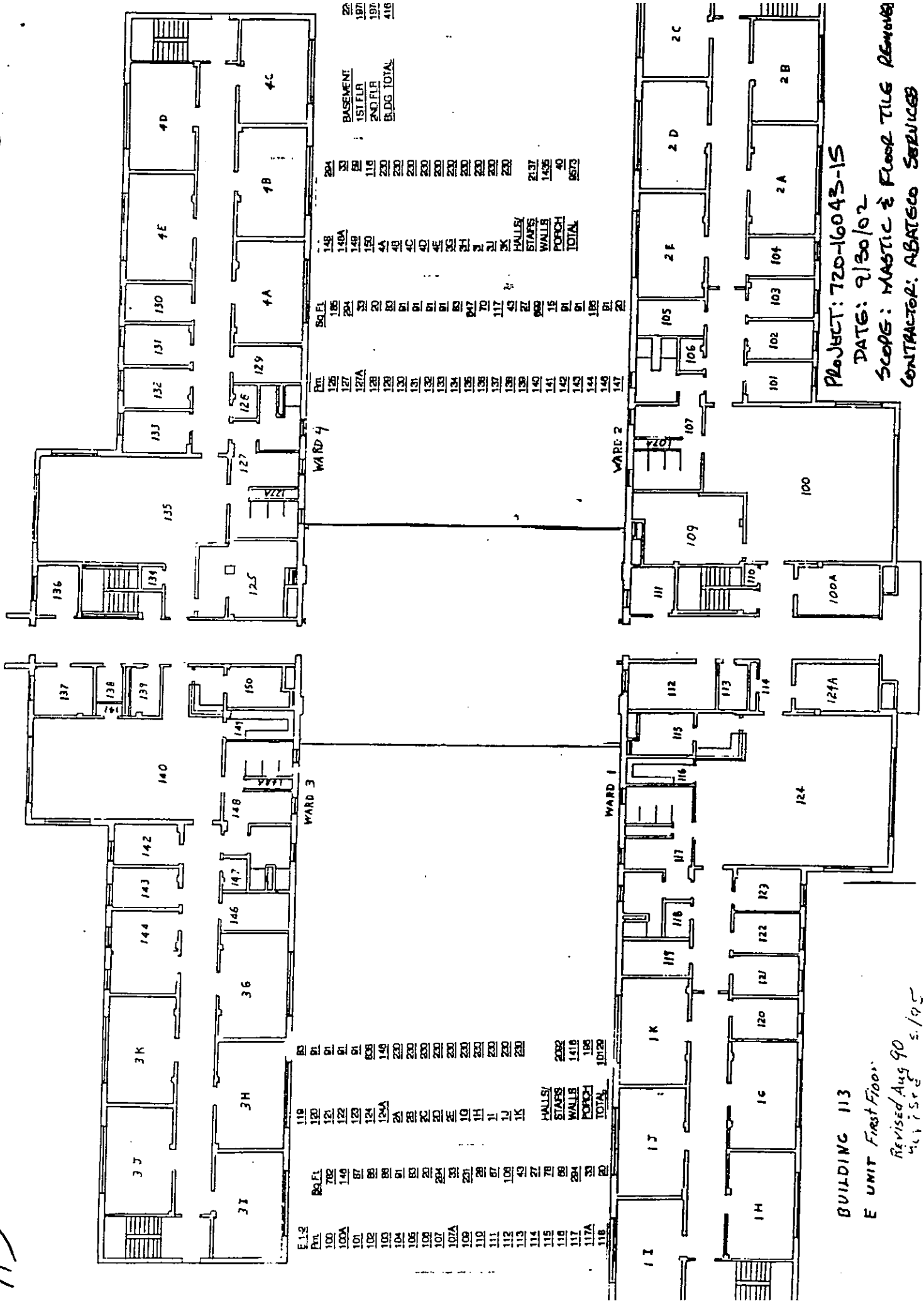
Building 113

Piping Insulation/Black Tai



BUILDING 113 - E UNIT
2ND FLOOR -
REVISED Aug 90
Revised 5/95

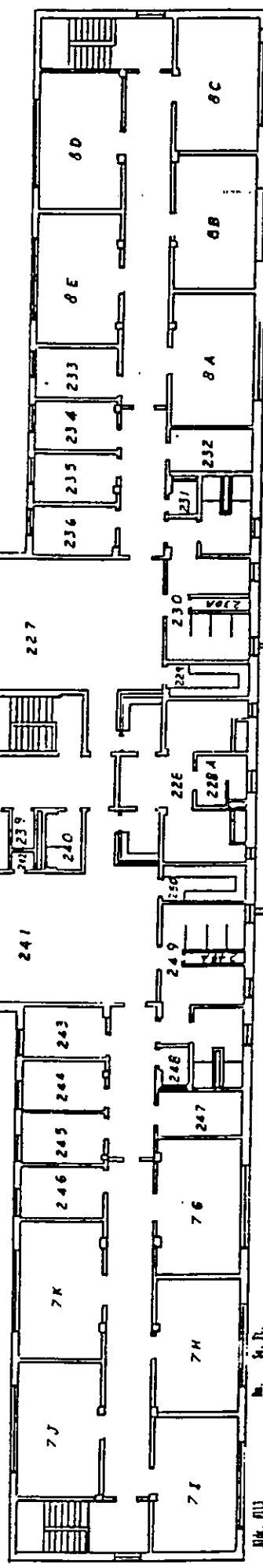
113



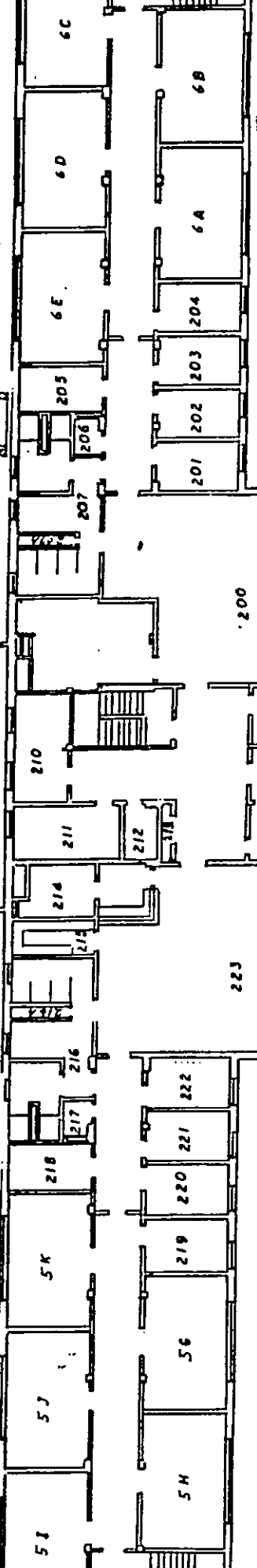
PROJECT: 720-16043-15
 DATE: 9/30/02
 SCOPE: MASTIC & FLOOR TILE REMOVE
 CONTRACTOR: ABATECO SERVICES

BUILDING 113
 E UNIT First Floor
 Revised Aug 90
 11/15/95

113-10



Ward 7		Ward 6		Ward 5		Ward 4	
Room	Occupant	Room	Occupant	Room	Occupant	Room	Occupant
241	241	236	236	241	241	236	236
237	237	235	235	237	237	235	235
238	238	234	234	238	238	234	234
239	239	233	233	239	239	233	233
240	240	232	232	240	240	232	232
249	249	231	231	249	249	231	231
248	248	230	230	248	248	230	230
247	247	229	229	247	247	229	229
246	246	228	228	246	246	228	228
245	245	227	227	245	245	227	227
244	244	226	226	244	244	226	226
243	243	225	225	243	243	225	225
7J	7J	224	224	7J	7J	224	224
7K	7K	223	223	7K	7K	223	223
7L	7L	222	222	7L	7L	222	222
7M	7M	221	221	7M	7M	221	221
7N	7N	220	220	7N	7N	220	220
7O	7O	219	219	7O	7O	219	219
7P	7P	218	218	7P	7P	218	218
7Q	7Q	217	217	7Q	7Q	217	217
7R	7R	216	216	7R	7R	216	216
7S	7S	215	215	7S	7S	215	215
7T	7T	214	214	7T	7T	214	214
7U	7U	213	213	7U	7U	213	213
7V	7V	212	212	7V	7V	212	212
7W	7W	211	211	7W	7W	211	211
7X	7X	210	210	7X	7X	210	210
7Y	7Y	209	209	7Y	7Y	209	209
7Z	7Z	208	208	7Z	7Z	208	208
		207	207			207	207
		206	206			206	206
		205	205			205	205
		204	204			204	204
		203	203			203	203
		202	202			202	202
		201	201			201	201
		200	200			200	200



BUILDING 113-E UNIT
2ND FLOOR -
Revised Aug 90
Revised 5/95

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000
Inspector Name: Brian Jones

Page 1 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1704	Floor tile	Room 4E N.E. corner	9 x 9 floor tile tan with red	230 sq. ft.	0	
MA-1705	Mastic	Room 4E N.E. corner	Black mastic under the floor tile	230 sq. ft.	0	
VCT-1706	Floor tile	Room 238 S.W. corner	9 x 9 floor tile tan with red	117 sq. ft.	0	
MA-1707	Mastic	Room 238 S.W. corner	Black mastic under the floor tile	117 sq. ft.	0	
VCT-1708	Floor tile	Room 241 West wall	9 x 9 floor tile tan with red	699 sq. ft.	0	
MA-1709	Mastic	Room 241 West wall	Black mastic under the floor tile	699 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000

Inspector Name: Brian Jones

Page 2 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1710	Floor tile	Room 247 N.E. corner	12x12 floor tile brown with tan	83 sq. ft.	0	
VCT-1711	Floor tile	Room 247 N.E. corner	12x12 floor tile brown with tan	83 sq. ft.	0	
VCT-1712	Floor tile	Room 247 North wall	12x12 floor tile brown with tan	83 sq. ft.	0	
VCT-1713	Floor tile	Room 7I	12 x 12 floor tile white with tan	230 sq. ft.	0	
GM-1714	Glue	Room 7I	Tan glue under the floor tile	230 sq. ft.	0	
VCT-1715	Floor tile	Room 210 West wall	12 x 12 floor tile white with tan	138 sq. ft.	0	
GM-1716	Glue	Room 210 West wall	Tan glue under the floor tile	138 sq. ft.	0	
VCT-1717	Floor tile	Room 243 S.W corner	12 x 12 floor tile white with tan	91 sq. ft.	0	
GM-1718	Glue	Room 243 S.W corner	Tan glue under the floor tile	91 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000

Inspector Name: Brian Jones

Page 3 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VS-1719	Sheet vinyl	Room 132 N.E. corner	White sheet vinyl	91 sq. ft.	0	
VS-1720	Sheet vinyl	Room 132 N.E. corner	White sheet vinyl	91 sq. ft.	0	
VS-1721	Sheet vinyl	Room 132 N.E. corner	White sheet vinyl	91 sq. ft.	0	
BB-1722	Cove base	Room 235 N.W. corner	Black cove base	91 sq. ft.	0	
GM-1723	Glue	Room 235 N.W. corner	Brown glue	91 sq. ft.	0	
BB-1724	Cove base	Room 242 N.W. corner	Black cove base	15 sq. ft.	0	
GM-1725	Glue	Room 242 N.W. corner	Brown glue	15 sq. ft.	0	
BB-1726	Cove base	Room 250 N.E. corner	Black cove base	83 sq. ft.	0	
GM-1727	Glue	Room 250 N.E. corner	Brown glue	83 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000
Inspector Name: Brian Jones

Page 4 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
TA-1728	Tar	Room 127A West end	Tar on fiberglass black	33 sq. ft.	5% Chrysotile	1
TA-1729	Tar	Room 230A East end	Tar on fiberglass black	33 sq. ft.	5% Chrysotile	1
TA-1730	Tar	Room 249A West end	Tar on fiberglass black	294 sq. ft.	5% Chrysotile	1
PL-1731	Plaster	Room 8A West wall	Plaster white finish coat	230 sq. ft.	0	
PU-1732	Plaster	Room 8A West wall	Plaster brown under coat	230 sq. ft.	0	
PL-1733	Plaster	Room 130 South wall	Plaster white finish coat	91 sq. ft.	0	
PU-1734	Plaster	Room 130 South wall	Plaster brown under coat	91 sq. ft.	0	
PL-1735	Plaster	Room 210 N.E. corner	Plaster white finish coat	138 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000

Inspector Name: Brian Jones

Page 5 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1736	Plaster	Room 210 N.E. corner	Plaster brown under coat	138 sq. ft.	0	
PL-1737	Plaster	Room 234 south wall	Plaster white finish coat	91 sq. ft.	0	
PU-1738	Plaster	Room 234 south wall	Plaster brown under coat	91 sq. ft.	0	
PL-1739	Plaster	Room 244 south wall	Plaster white finish coat	91 sq. ft.	0	
PU-1740	Plaster	Room 244 south wall	Plaster brown under coat	91 sq. ft.	0	
PL-1741	Plaster	Room 246 North wall	Plaster white finish coat	91 sq. ft.	0	
PU-1742	Plaster	Room 246 North wall	Plaster brown under coat	91 sq. ft.	0	
PL-1743	Plaster	Room 249 West wall	Plaster white finish coat	294 sq. ft.	0	
PU-1744	Plaster	Room 249 West wall	Plaster brown under coat	294 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000
Inspector Name: Brian Jones

Page 6 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
WG-1745	Window glazing	Room 136 window bottom	Gray window glazing	70 sq. ft.	2% Chrysotile	5
WG-1746	Window glazing	Room 137 window bottom	Gray window glazing	117 sq. ft.	2% Chrysotile	5
WG-1747	Window glazing	Room 143 window bottom	Gray window glazing	91 sq. ft.	2% Chrysotile	5
WC-1748	Window caulking	Room 136 window right side	Window caulking gray and white	70 sq. ft.	5% Chrysotile	5
WC-1749	Window caulking	Room 137 window right side	Window caulking gray and white	117 sq. ft.	5% Chrysotile	5
WC-1750	Window caulking	Room 143 window right side	Window caulking gray and white	91 sq. ft.	5% Chrysotile	5

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 113

Major Agency: 720
Using Agency: 706
Construction Date: 1959
Gross Sq. Feet: 41644

Area Number: 1-Description: Second Floor -Permanent Ceiling-All Wings
Note: This sprayed on acoustical plasters is found on all floors, with the exception of offices and stairwells. According to the previous Hall-Kimberll this spray on plaster is asbestos containing material.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
Wards 5 & 6	sprayed acoustical plaster	4	10800.00	25	.00	.00	.00
Wards 3 & 4	sprayed acoustical plaster	4	10800.00	25	.00	.00	.00
Wards 1 & 2	sprayed acoustical plaster	4	10800.00	25	.00	.00	.00
Area Total:					.00	.00	.00

Area Number: 2-Description: Mechanical Room, Crawl space
There is one small door on the south wall for accessing the tunnel carrying steam between the buildings. Note: The south crawlspace tunnel has old mag insulation. According to the previous Hall-Kimberll this crawlspace insulation is asbestos containing material.

Area Number: 3-Description: Pipe Chases in Bathrooms
 Note: There are eight pipe chases, and eight access panels throughout the building. According to the previous Hall-Kimberll this piping insulation is asbestos containing material.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
Behind Access Panel Through middle, along north wall	pipe covering	2	175.00	60	875.00	875.00	1750.00
	mjp on pipe covering	3	80.00	15	560.00	480.00	1040.00
					<u>1435.00</u>	<u>1355.00</u>	<u>2790.00</u>
Area Total:							<u>13249.00</u>

HOLMES ENVIRONMENTAL, INC.
1600 East Little Creek Road, Suite 308
Norfolk, Virginia 23518
Office 757-587-1164 Fax 757-587-1352
E-Mail : henvinc@aol.com
Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 2, 2000

DATE OF ANALYSIS: May 2, 2000

DATE OF REPORT: May 31, 2000

CLIENT PROJECT NAME: Building 113, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1704	113-1/ Tan floor tile	NAD	5% Cellulose 95% Non-fibrous
1705	113-1A/ Tan mastic	NAD	100% Non-fibrous
1706	113-2/ Tan floor tile	NAD	5% Cellulose 95% Non-fibrous
1707	113-2A/ Tan mastic	NAD	100% Non-fibrous
1708	113-3/ Tan floor tile	NAD	5% Cellulose 95% Non-fibrous
1709	113-3A/ Tan mastic	NAD	100% Non-fibrous
1710	113-4/ Brown floor tile	NAD	100% Non-fibrous
1711	113-5/ Brown floor tile	NAD	100% Non-fibrous
1712	113-6/ Brown floor tile	NAD	100% Non-fibrous
1713	113-7/ White floor tile	NAD	5% Cellulose 95% Non-fibrous
1714	113-7A/ Tan glue	NAD	100% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 113, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1715	113-8/ White floor tile	NAD	100% Non-fibrous
1716	113-8A/ Tan glue	NAD	100% Non-fibrous
1717	113-9/ White floor tile	NAD	100% Non-fibrous
1718	113-9A/ Tan glue	NAD	100% Non-fibrous
1719	113-10/ White sheet vinyl	NAD	20% Cellulose 80% Non-fibrous
1720	113-11/ White sheet vinyl	NAD	20% Cellulose 80% Non-fibrous
1721	113-12/ White sheet vinyl	NAD	20% Cellulose 80% Non-fibrous
1722	113-13/ Black rubber	NAD	100% Non-fibrous
1723	113-13A/ Brown glue	NAD	100% Non-fibrous
1724	113-14/ Black rubber	NAD	100% Non-fibrous
1725	113-14A/ Brown glue	NAD	100% Non-fibrous
1726	113-15/ Black rubber	NAD	100% Non-fibrous
1727	113-15A/ Brown glue	NAD	100% Non-fibrous
1728	113-16/ Black tar	5% Chrysotile	95% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 113, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1729	113-17/ Black tar	5% Chrysotile	95% Non-fibrous
1730	113-18/ Black tar	5% Chrysotile	95% Non-fibrous
1731	113-19/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1732	113-19A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1733	113-20/ White plaster	NAD	100% Non-fibrous
1734	113-20A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1735	113-21/ White plaster	NAD	100% Non-fibrous
1736	113-21A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1737	113-22/ White plaster	NAD	100% Non-fibrous
1738	113-22A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1739	113-23/ White plaster	NAD	100% Non-fibrous
1740	113-23A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1741	113-24/ White plaster	NAD	100% Non-fibrous
1742	113-24A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous

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Norfolk, Virginia 23518
Office 757-587-1164 Fax 757-587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 113, Western State Hospital, Staunton, Va

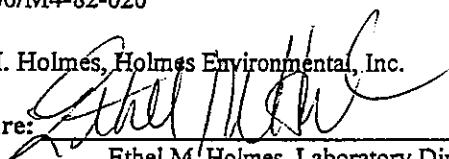
HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1743	113-25/ White plaster	NAD	100% Non-fibrous
1744	113-25A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1745	113-26/ Gray window glazing	2% Chrysotile	98% Non-fibrous
1746	113-27/ Gray window glazing	2% Chrysotile	98% Non-fibrous
1747	113-28/ Gray window glazing	2% Chrysotile	98% Non-fibrous
1748	113-29/ Gray/white window glazing	5% Chrysotile	5% Cellulose 90% Non-fibrous
1749	113-30/ Gray/white window glazing	5% Chrysotile	5% Cellulose 90%Non-fibrous
1750	113-31/ Gray/white window glazing	5% Chrysotile	5% Cellulose 90% Non-fibrous

REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature:


Ethel M. Holmes, Laboratory Director
Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND: NAD: no asbestos detected

SCF: suspected ceramic fibers

Page 5 of 5

*****End of Report*****

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000
Inspector Name: Brian Jones

Page 1 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1704	Floor tile	Room 4E N.E. corner	9 x 9 floor tile tan with red	230 sq. ft.	0	
MA-1705	Mastic	Room 4E N.E. corner	Black mastic under the floor tile	230 sq. ft.	0	
VCT-1706	Floor tile	Room 238 S.W. corner	9 x 9 floor tile tan with red	117 sq. ft.	0	
MA-1707	Mastic	Room 238 S.W. corner	Black mastic under the floor tile	117 sq. ft.	0	
VCT-1708	Floor tile	Room 241 West wall	9 x 9 floor tile tan with red	699 sq. ft.	0	
MA-1709	Mastic	Room 241 West wall	Black mastic under the floor tile	699 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000

Inspector Name: Brian Jones

Page 2 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1710	Floor tile	Room 247 N.E. corner	12x12 floor tile brown with tan	83 sq. ft.	0	
VCT-1711	Floor tile	Room 247 N.E. corner	12x12 floor tile brown with tan	83 sq. ft.	0	
VCT-1712	Floor tile	Room 247 North wall	12x12 floor tile brown with tan	83 sq. ft.	0	
VCT-1713	Floor tile	Room 71	12 x 12 floor tile white with tan	230 sq. ft.	0	
GM-1714	Glue	Room 71	Tan glue under the floor tile	230 sq. ft.	0	
VCT-1715	Floor tile	Room 210 West wall	12 x 12 floor tile white with tan	138 sq. ft.	0	
GM-1716	Glue	Room 210 West wall	Tan glue under the floor tile	138 sq. ft.	0	
VCT-1717	Floor tile	Room 243 S.W corner	12 x 12 floor tile white with tan	91 sq. ft.	0	
GM-1718	Glue	Room 243 S.W corner	Tan glue under the floor tile	91 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000
Inspector Name: Brian Jones

Page 3 of 5

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VS-1719	Sheet vinyl	Room 132 N.E. corner	White sheet vinyl	91 sq. ft.	0	
VS-1720	Sheet vinyl	Room 132 N.E. corner	White sheet vinyl	91 sq. ft.	0	
VS-1721	Sheet vinyl	Room 132 N.E. corner	White sheet vinyl	91 sq. ft.	0	
BB-1722	Cove base	Room 235 N.W. corner	Black cove base	91 sq. ft.	0	
GM-1723	Glue	Room 235 N.W. corner	Brown glue	91 sq. ft.	0	
BB-1724	Cove base	Room 242 N.W. corner	Black cove base	15 sq. ft.	0	
GM-1725	Glue	Room 242 N.W. corner	Brown glue	15 sq. ft.	0	
BB-1726	Cove base	Room 250 N.E. corner	Black cove base	83 sq. ft.	0	
GM-1727	Glue	Room 250 N.E. corner	Brown glue	83 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000
Inspector Name: Brian Jones

Page 4 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1731	Plaster	Room 8A West wall	Plaster white finish coat	230 sq. ft.	0	
PU-1732	Plaster	Room 8A West wall	Plaster brown under coat	230 sq. ft.	0	
PL-1733	Plaster	Room 130 South wall	Plaster white finish coat	91 sq. ft.	0	
PU-1734	Plaster	Room 130 South wall	Plaster brown under coat	91 sq. ft.	0	
PL-1735	Plaster	Room 210 N.E. corner	Plaster white finish coat	91 sq. ft.	0	
PU-1736	Plaster	Room 210 N.E. corner	Plaster brown under coat	138 sq. ft.	0	
PL-1737	Plaster	Room 234 south wall	Plaster white finish coat	138 sq. ft.	0	
PU-1738	Plaster	Room 234 south wall	Plaster brown under coat	91 sq. ft.	0	
PL-1739	Plaster	Room 244 south wall	Plaster white finish coat	91 sq. ft.	0	
PU-1740	Plaster	Room 244 south wall	Plaster brown under coat	91 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000
Inspector Name: Brian Jones

Page 5 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1741	Plaster	Room 246 North wall	Plaster white finish coat	91 sq. ft.	0	
PU-1742	Plaster	Room 246 North wall	Plaster brown under coat	91 sq. ft.	0	
PL-1743	Plaster	Room 249 West wall	Plaster white finish coat	294 sq. ft.	0	
PU-1744	Plaster	Room 249 West wall	Plaster brown under coat	294 sq. ft.	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET



ATTN: Lynn Wilkens

COMPANY: _____

SUBJECT: Dept of Mental
Health - Asbestos fire door

DATE: 8/21/00
FROM: Debbie Wagner
PHONE: 1-800-678-8910
FAX: 1-920-487-3636

Lynn -

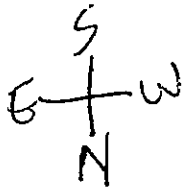
Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1

IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.

Debbie Wagner



Glazing
113-27
Caulking

113-28/31

Glazing
113-26/29
Caulking

113-1
9x9 ft

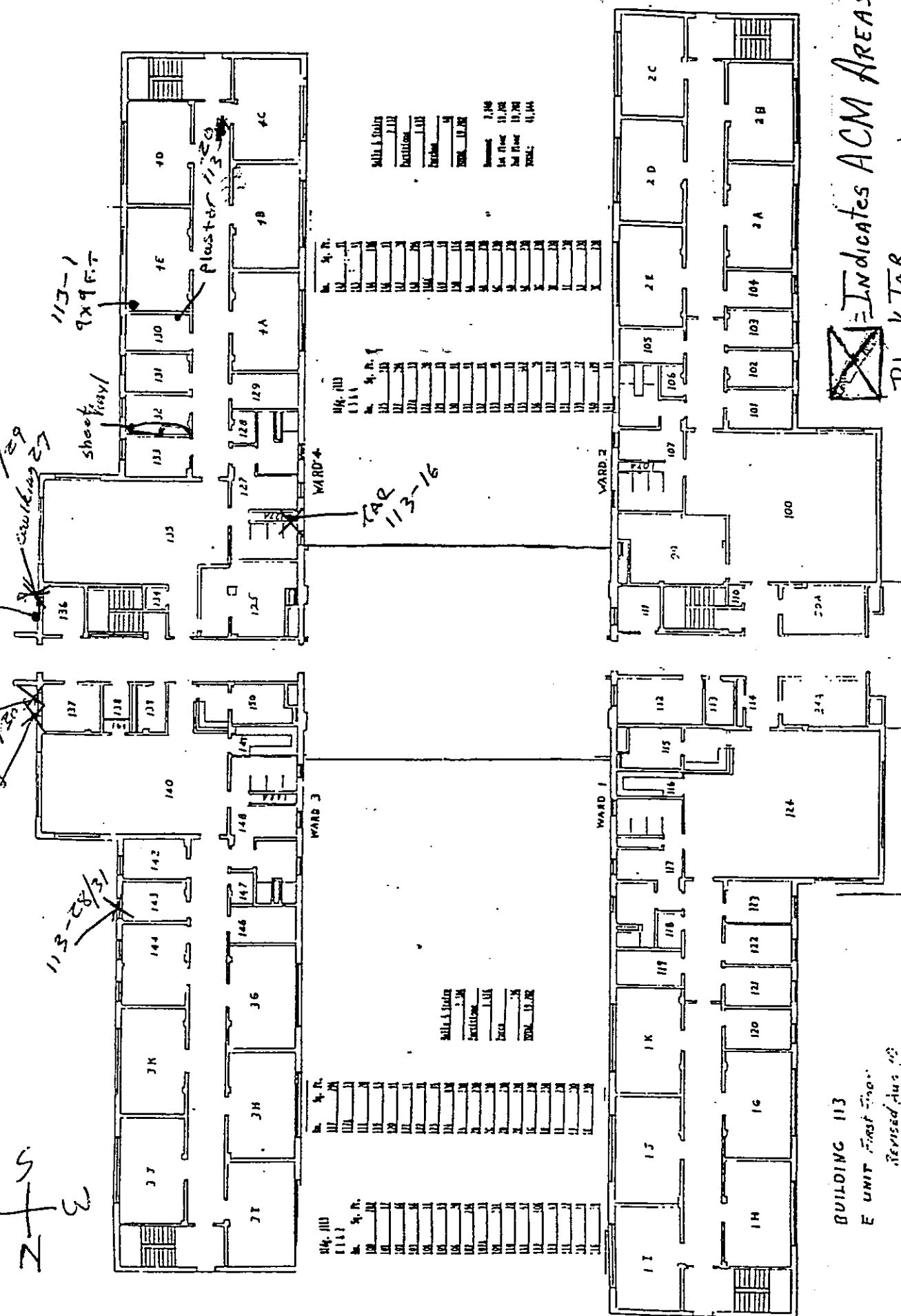
Shower
Kiosk

Plaster 113-29

TAR
113-16

BUILDING 113
E UNIT First Floor
Revised Aug 1963

☒ Indicates ACM AREAS
• Black TAR
• Window Glazing



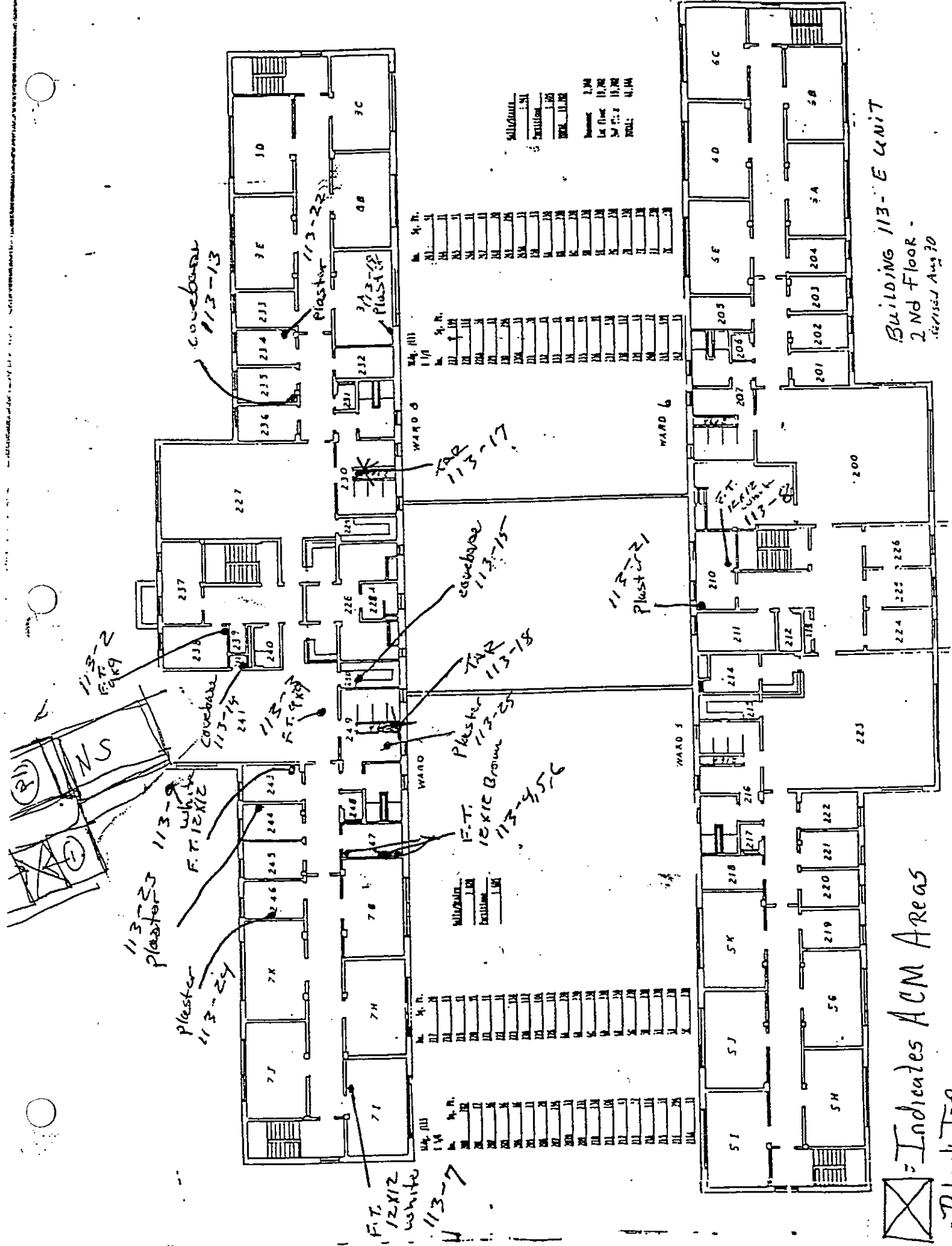
Room No.	Area (sq. ft.)	Volume (cu. ft.)	Notes
111	100	1000	
112	100	1000	
113	100	1000	
114	100	1000	
115	100	1000	
116	100	1000	
117	100	1000	
118	100	1000	
119	100	1000	
120	100	1000	
121	100	1000	
122	100	1000	
123	100	1000	
124	100	1000	

Room No.	Area (sq. ft.)	Volume (cu. ft.)	Notes
136	100	1000	
137	100	1000	
138	100	1000	
139	100	1000	
140	100	1000	
141	100	1000	
142	100	1000	
143	100	1000	
144	100	1000	
145	100	1000	
146	100	1000	
147	100	1000	

Room No.	Area (sq. ft.)	Volume (cu. ft.)	Notes
125	100	1000	
126	100	1000	
127	100	1000	
128	100	1000	
129	100	1000	
130	100	1000	
131	100	1000	
132	100	1000	
133	100	1000	
134	100	1000	
135	100	1000	

Room No.	Area (sq. ft.)	Volume (cu. ft.)	Notes
100	100	1000	
101	100	1000	
102	100	1000	
103	100	1000	
104	100	1000	
105	100	1000	
106	100	1000	
107	100	1000	
108	100	1000	
109	100	1000	
110	100	1000	

Room No.	Area (sq. ft.)	Volume (cu. ft.)	Notes
111	100	1000	
112	100	1000	
113	100	1000	
114	100	1000	
115	100	1000	
116	100	1000	
117	100	1000	
118	100	1000	
119	100	1000	
120	100	1000	
121	100	1000	
122	100	1000	
123	100	1000	
124	100	1000	



Material	Quantity	Unit	Price	Total
Plaster	1.00	Sq. Yd.	1.00	1.00
Covebase	1.00	Lf.	1.00	1.00
F.T. 12X12	1.00	Sq. Yd.	1.00	1.00
Black TAR	1.00	Sq. Yd.	1.00	1.00
Window Glazing	1.00	Sq. Yd.	1.00	1.00

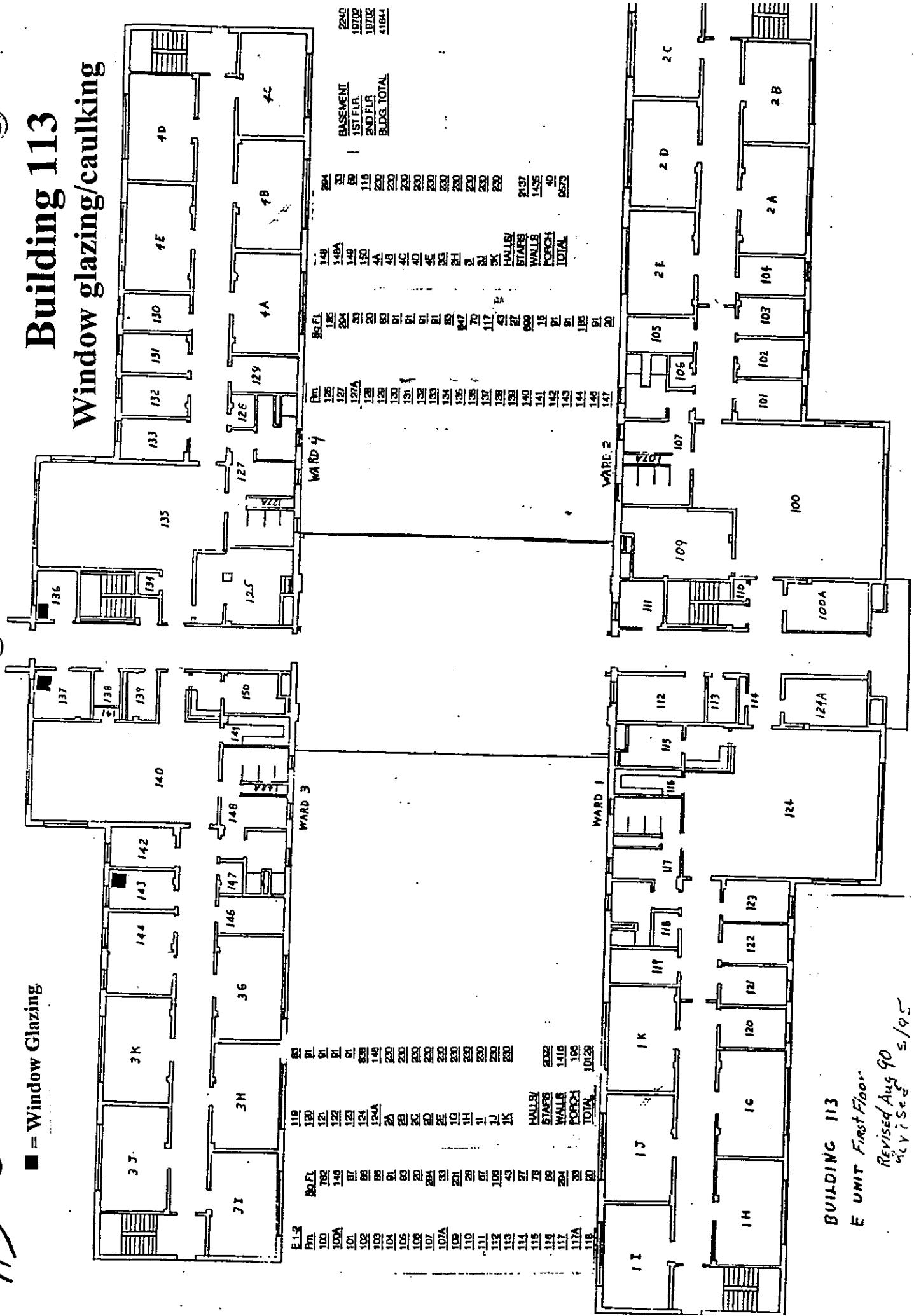
BUILDING 113-E UNIT
2ND FLOOR
Issued Aug 70

Indicates ACM Areas
Black TAR
Window Glazing

113

■ = Window Glazing

Building 113 Window glazing/caulking

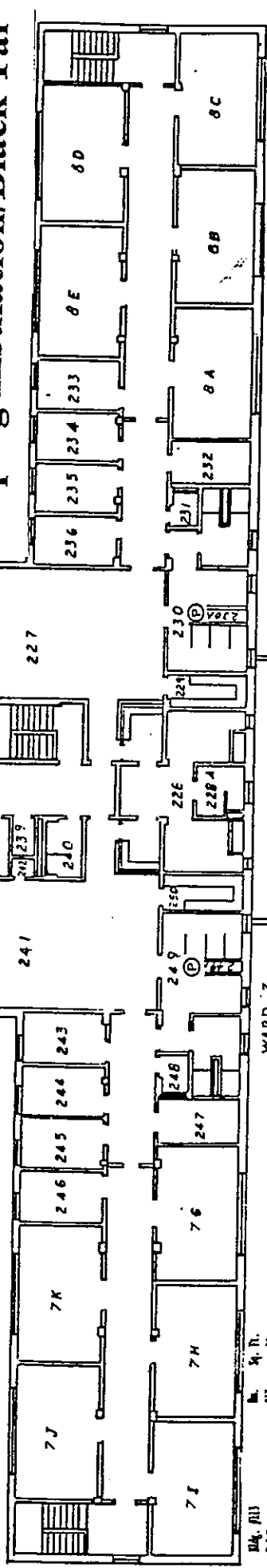


BUILDING 113
E UNIT First Floor
REVISED Aug 90
WCV: s/95

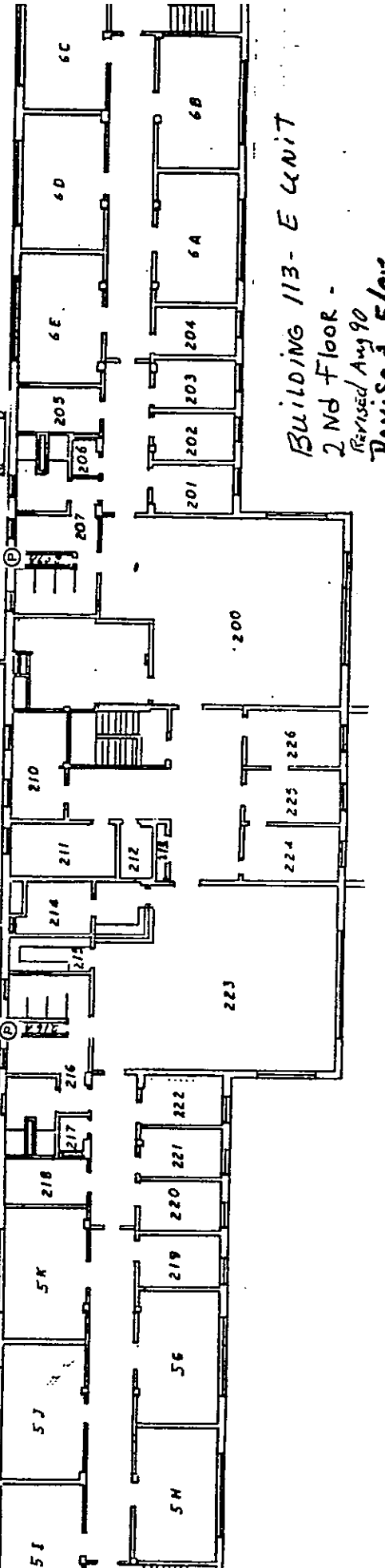
113

©Piping Insulation

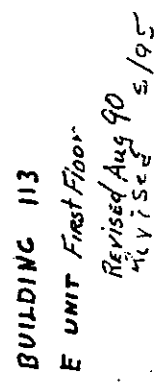
Building 113 Piping Insulation/Black Tar



Ward	Room	Area	Volume	Perimeter	Notes
WARD 1	101	10.0	10.0	10.0	
	102	10.0	10.0	10.0	
	103	10.0	10.0	10.0	
	104	10.0	10.0	10.0	
	105	10.0	10.0	10.0	
	106	10.0	10.0	10.0	
	107	10.0	10.0	10.0	
	108	10.0	10.0	10.0	
	109	10.0	10.0	10.0	
	110	10.0	10.0	10.0	
WARD 2	201	20.0	20.0	20.0	
	202	20.0	20.0	20.0	
	203	20.0	20.0	20.0	
	204	20.0	20.0	20.0	
	205	20.0	20.0	20.0	
	206	20.0	20.0	20.0	
	207	20.0	20.0	20.0	
	208	20.0	20.0	20.0	
	209	20.0	20.0	20.0	
	210	20.0	20.0	20.0	
WARD 3	301	30.0	30.0	30.0	
	302	30.0	30.0	30.0	
	303	30.0	30.0	30.0	
	304	30.0	30.0	30.0	
	305	30.0	30.0	30.0	
	306	30.0	30.0	30.0	
	307	30.0	30.0	30.0	
	308	30.0	30.0	30.0	
	309	30.0	30.0	30.0	
	310	30.0	30.0	30.0	
WARD 4	401	40.0	40.0	40.0	
	402	40.0	40.0	40.0	
	403	40.0	40.0	40.0	
	404	40.0	40.0	40.0	
	405	40.0	40.0	40.0	
	406	40.0	40.0	40.0	
	407	40.0	40.0	40.0	
	408	40.0	40.0	40.0	
	409	40.0	40.0	40.0	
	410	40.0	40.0	40.0	
WARD 5	501	50.0	50.0	50.0	
	502	50.0	50.0	50.0	
	503	50.0	50.0	50.0	
	504	50.0	50.0	50.0	
	505	50.0	50.0	50.0	
	506	50.0	50.0	50.0	
	507	50.0	50.0	50.0	
	508	50.0	50.0	50.0	
	509	50.0	50.0	50.0	
	510	50.0	50.0	50.0	
WARD 6	601	60.0	60.0	60.0	
	602	60.0	60.0	60.0	
	603	60.0	60.0	60.0	
	604	60.0	60.0	60.0	
	605	60.0	60.0	60.0	
	606	60.0	60.0	60.0	
	607	60.0	60.0	60.0	
	608	60.0	60.0	60.0	
	609	60.0	60.0	60.0	
	610	60.0	60.0	60.0	
WARD 7	701	70.0	70.0	70.0	
	702	70.0	70.0	70.0	
	703	70.0	70.0	70.0	
	704	70.0	70.0	70.0	
	705	70.0	70.0	70.0	
	706	70.0	70.0	70.0	
	707	70.0	70.0	70.0	
	708	70.0	70.0	70.0	
	709	70.0	70.0	70.0	
	710	70.0	70.0	70.0	
WARD 8	801	80.0	80.0	80.0	
	802	80.0	80.0	80.0	
	803	80.0	80.0	80.0	
	804	80.0	80.0	80.0	
	805	80.0	80.0	80.0	
	806	80.0	80.0	80.0	
	807	80.0	80.0	80.0	
	808	80.0	80.0	80.0	
	809	80.0	80.0	80.0	
	810	80.0	80.0	80.0	
WARD 9	901	90.0	90.0	90.0	
	902	90.0	90.0	90.0	
	903	90.0	90.0	90.0	
	904	90.0	90.0	90.0	
	905	90.0	90.0	90.0	
	906	90.0	90.0	90.0	
	907	90.0	90.0	90.0	
	908	90.0	90.0	90.0	
	909	90.0	90.0	90.0	
	910	90.0	90.0	90.0	
WARD 10	1001	100.0	100.0	100.0	
	1002	100.0	100.0	100.0	
	1003	100.0	100.0	100.0	
	1004	100.0	100.0	100.0	
	1005	100.0	100.0	100.0	
	1006	100.0	100.0	100.0	
	1007	100.0	100.0	100.0	
	1008	100.0	100.0	100.0	
	1009	100.0	100.0	100.0	
	1010	100.0	100.0	100.0	



Building 113 Piping Insulation/Black Tar



ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000
Inspector Name: Brian Jones

Page 1 of 2

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
TA-1728	Tar	Room 127A West end	Tar on fiberglass black	All black tar on fiberglass insulation	5% Chrysotile	1
TA-1729	Tar	Room 230A East end	Tar on fiberglass black	All black tar on fiberglass insulation	5% Chrysotile	1
TA-1730	Tar	Room 249A West end	Tar on fiberglass black	All black tar on fiberglass insulation	5% Chrysotile	1
WG-1745	Window glazing	Room 136 window bottom	Gray window glazing	All window in Room 136	2% Chrysotile	5
WG-1746	Window glazing	Room 137 window bottom	Gray window glazing	All window in Room 137	2% Chrysotile	5
WG-1747	Window glazing	Room 143 window bottom	Gray window glazing	All window in Room 143	2% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 113

Date: April, 2000
Inspector Name: Brian Jones

Page 2 of 2

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
WC-1748	Window caulking	Room 136 window right side	Window caulking gray and white	All window in Room 136	5% Chrysotile	5
WC-1749	Window caulking	Room 137 window right side	Window caulking gray and white	All window in Room 137	5% Chrysotile	5
WC-1750	Window caulking	Room 143 window right side	Window caulking gray and white	All window in Room 143	5% Chrysotile	5

STATEMENT FOR ASBESTOS ASSESSMENT REPORT

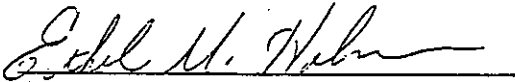
The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia, has been prepared and covers the following Building 113 Resident Care E Unit.

I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.


Asbestos Inspector

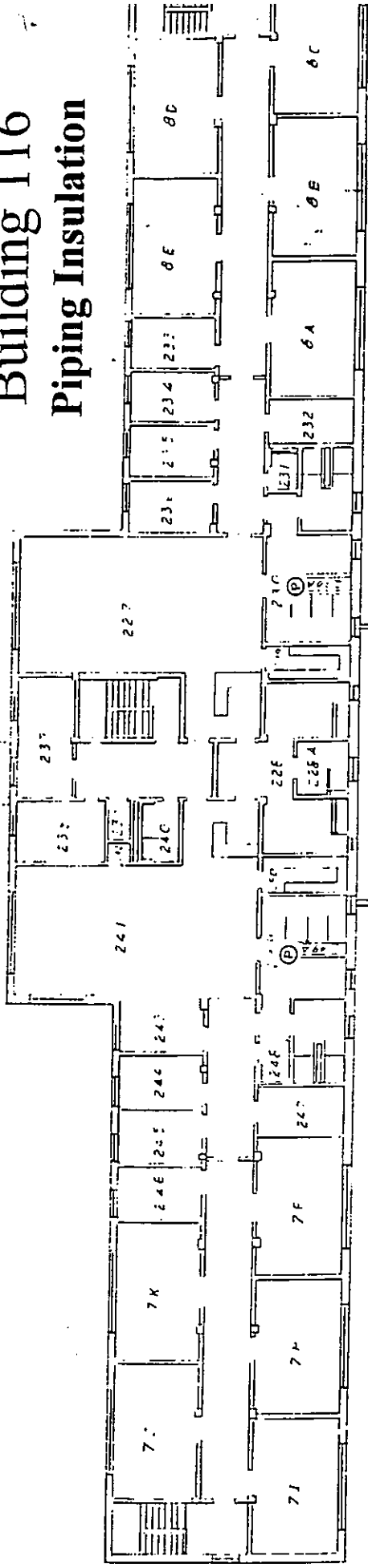
3303 000407
License Number

AUG 2000
Date

BUILDING 116

110.

Building 116 Piping Insulation

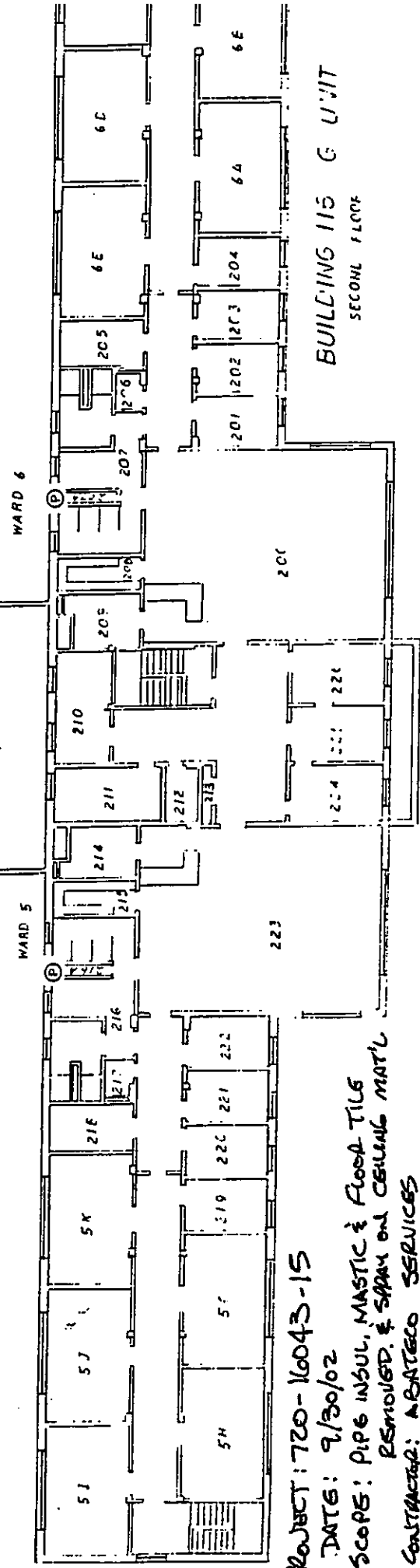


Room	Sq. Ft.
200	838
201	87
202	86
203	86
204	86
205	83
206	20
207	294
207A	33
208	57
209	118
210	136
211	106
212	43

Room	Sq. Ft.
213	27
214	116
215	59
216	294
216A	33
217	20
218	83
219	91
220	91
221	91
222	91
223	838
224	117
225	104
226	117

Room	Sq. Ft.
227	699
228	116
228A	56
229	83
230	294
230A	33
231	30
232	83
233	91
234	91
235	91
236	91
237	138

Room	Sq. Ft.
238	117
239	43
240	27
241	699
242	15
243	91
244	91
245	91
246	91
247	83
248	20
249	294
249A	33
250	83



PROJECT: 720-16043-15

DATE: 7/30/02

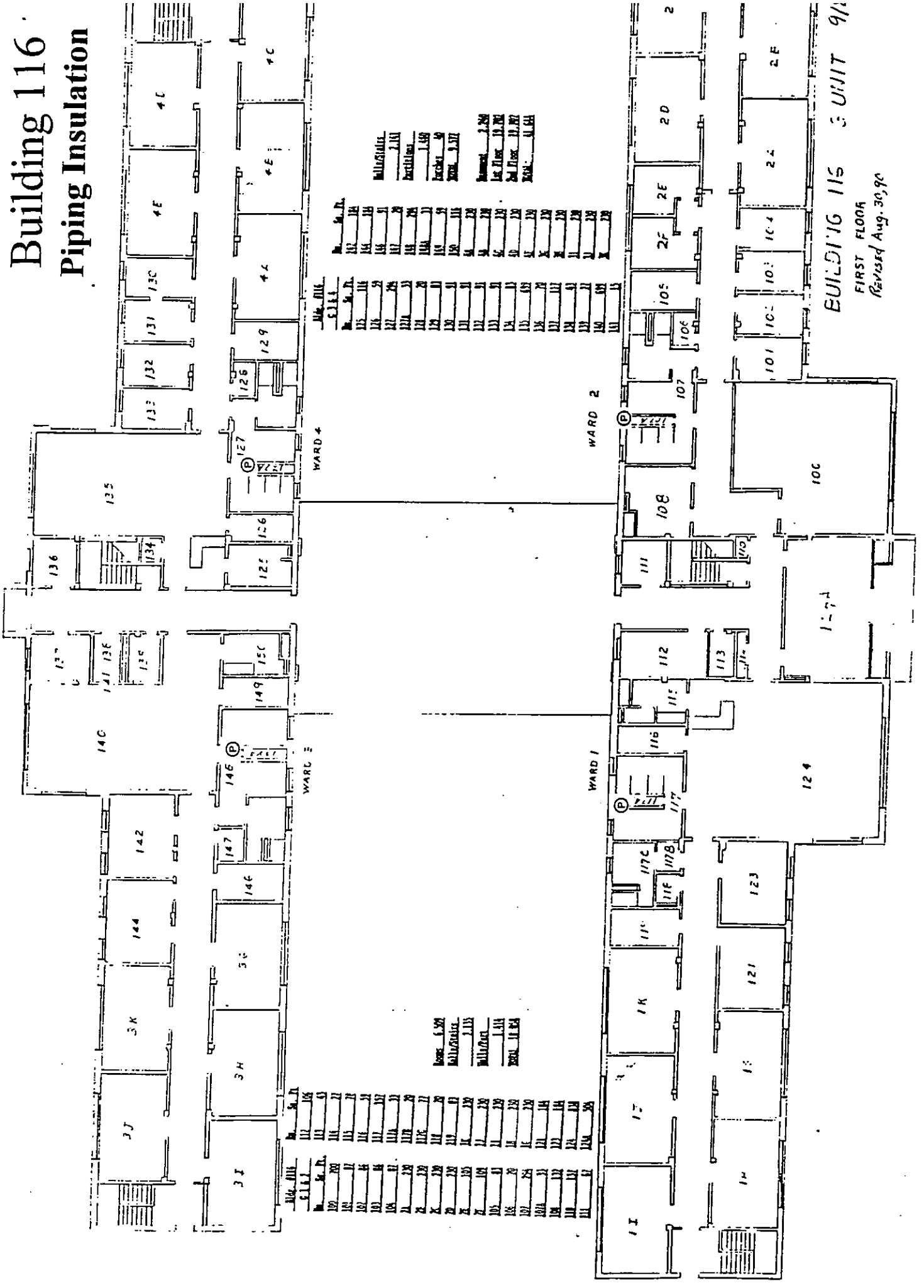
SCOPE: PIPE INSUL, MASTIC & FLOOR TILE
REMOVED, & SPAN ON CEILING MAT'L

CONTRACTOR: ARATECO SERVICES

INSPECTOR: ABOLMES ENVR.

BUILDING 115 G UNIT
SECOND FLOOR

Building 116 Piping Insulation

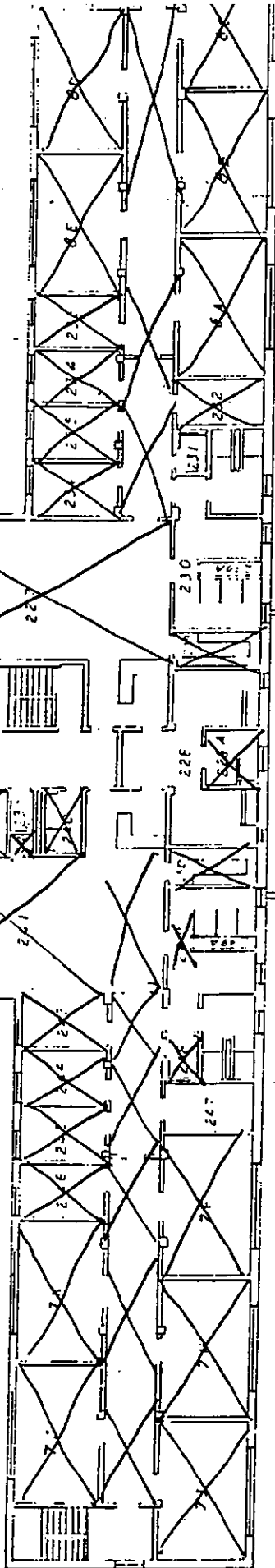


BUILDING 116 UNIT 9A
FIRST FLOOR
Revised Aug. 30, 90

110

X = Mastic

Building 116 Mastic



WARD 7

WARD 8

Room	Sq. Ft.	213	21
200	838	214	116
201	87	215	59
202	86	216	294
203	86	216A	33
204	86	217	20
205	83	218	83
206	20	219	91
207	294	220	91
207A	33	221	91
208	57	222	91
209	118	223	838
210	138	224	117
211	106	225	104
212	43	226	117

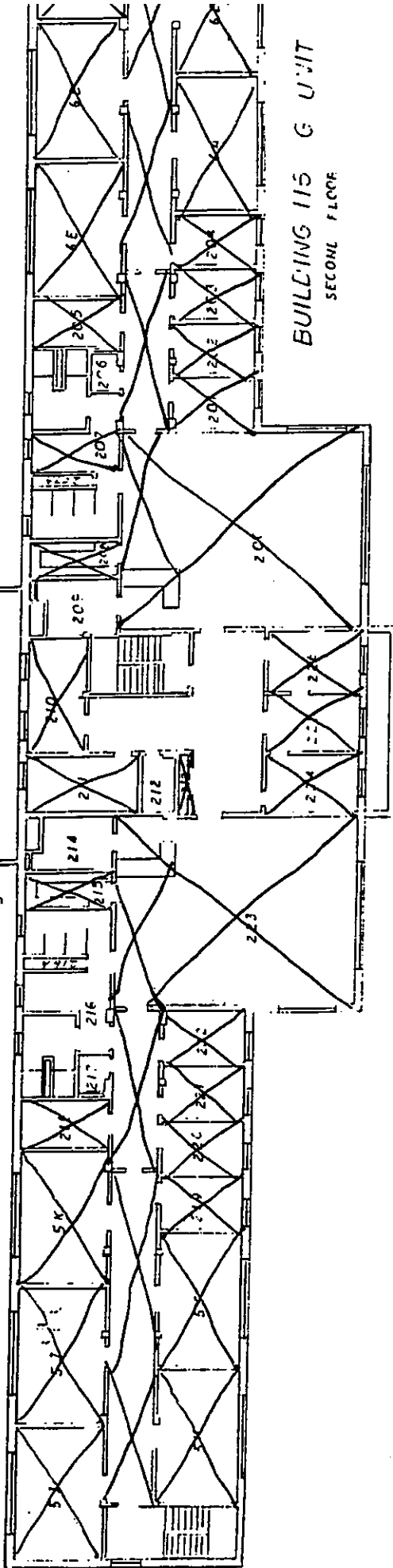
6A	230
6B	230
6C	230
6D	230
6E	230
6F	230
6G	230
6H	230
6I	230
6J	230
6K	230
Halls/Stairs	2,020
Part.	1,605

Rm.	Sq. Ft.	238	117
239	43	239	43
240	27	240	27
241	699	241	699
242	15	242	15
243	91	243	91
244	91	244	91
245	91	245	91
246	83	246	83
247	83	247	83
248	20	248	20
249	294	249	294
250	91	250	91
251	138	251	138

8A	
8B	
8C	
8D	
8E	
8F	
8G	
8H	
8I	
8J	
8K	
Halls	
Part.	

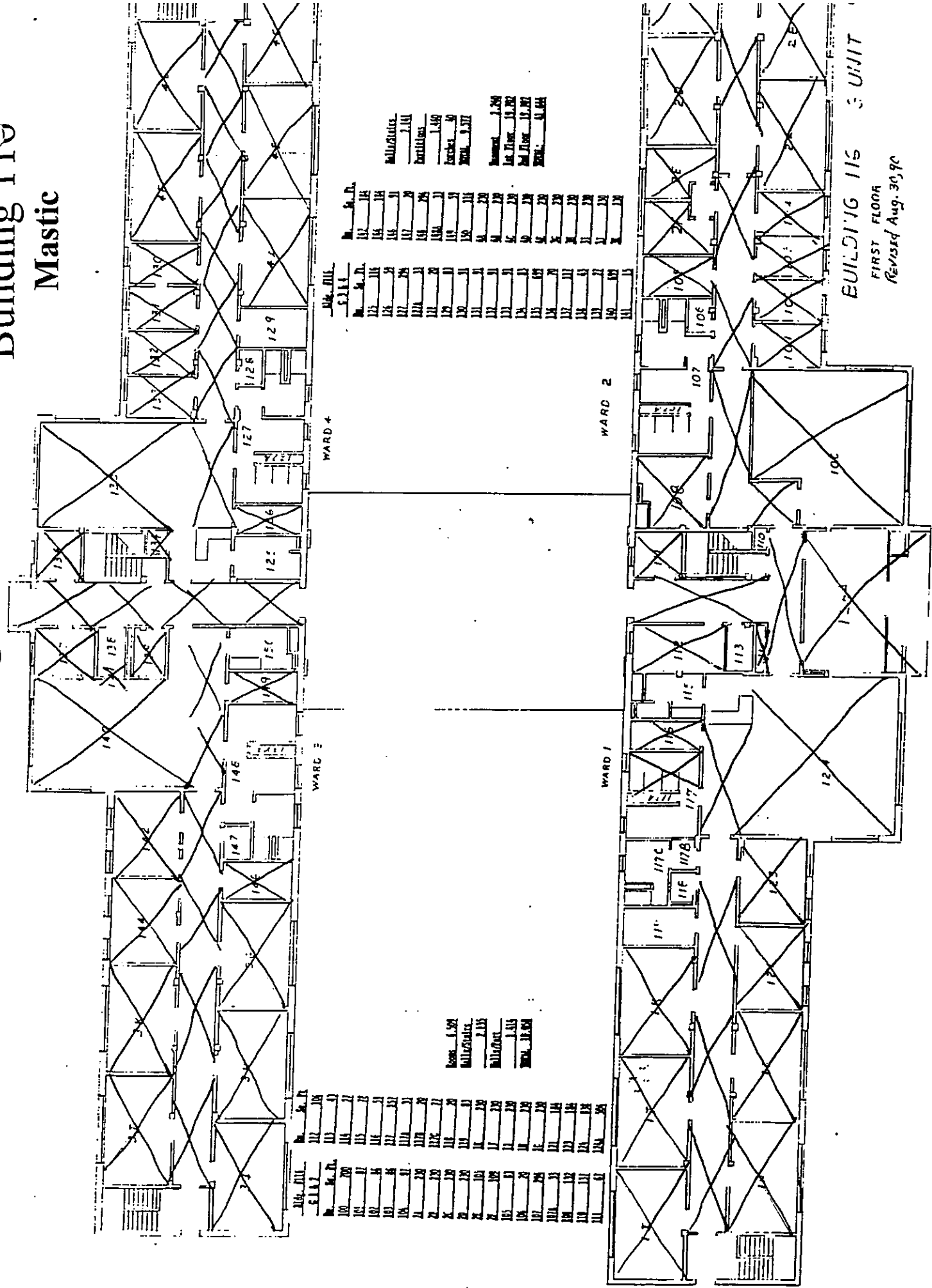
WARD 6

WARD 5



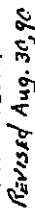
BUILDING 115 G UNIT
SECOND FLOOR

Building 110 Mastic



BUILDING 115 3 UNIT
FIRST FLOOR
Revised Aug. 30, 90

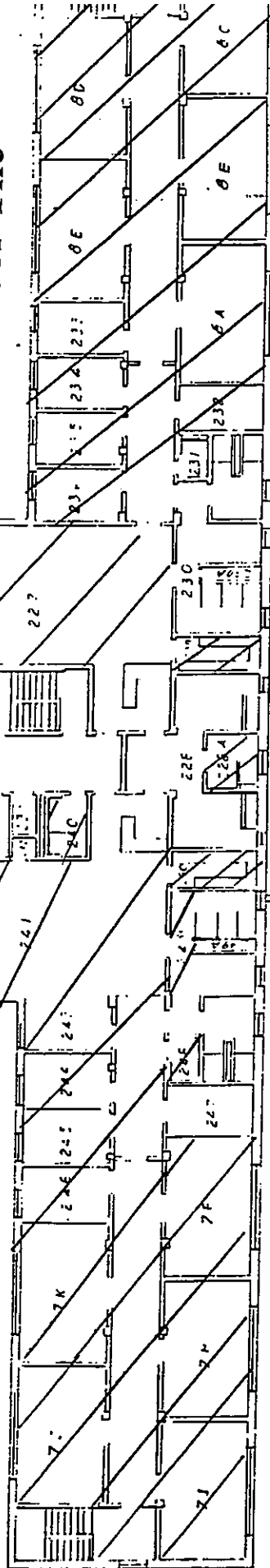
///=Floor Tile



116

/// = Floor Tile

Building 116 Floor Tile



Room	Sq. Ft.
200	838
201	87
202	86
203	86
204	86
205	83
206	20
207	294
207A	33
208	57
209	118
210	130
211	106
212	43

213	27
214	116
215	59
216	294
216A	33
217	20
218	83
219	91
220	91
221	91
222	91
223	838
224	117
225	101
226	117

6A	230
6B	230
6C	230
6D	230
6E	230
6F	230
6G	230
6H	230
6I	230
6J	230
6K	230
Halls/Stairs	2,020
Part-1,605	

227	699
228	116
228A	56
229	83
230	294
230A	33
231	20
232	83
233	91
234	91
235	91
236	91
237	130

238	117
239	43
240	27
241	699
242	15
243	91
244	91
245	91
246	91
247	83
248	20
249	294
249A	33
250	83

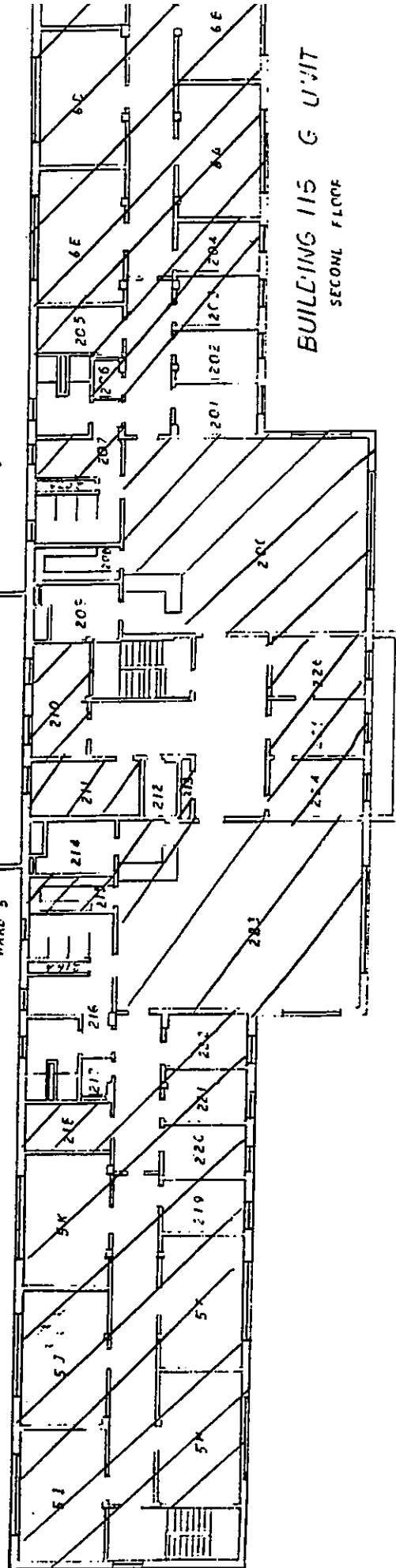
8A	
8B	
8C	
8D	
8E	
8F	
8G	
8H	
8I	
8J	
8K	
Halls/	
Part-1	

WARD 8

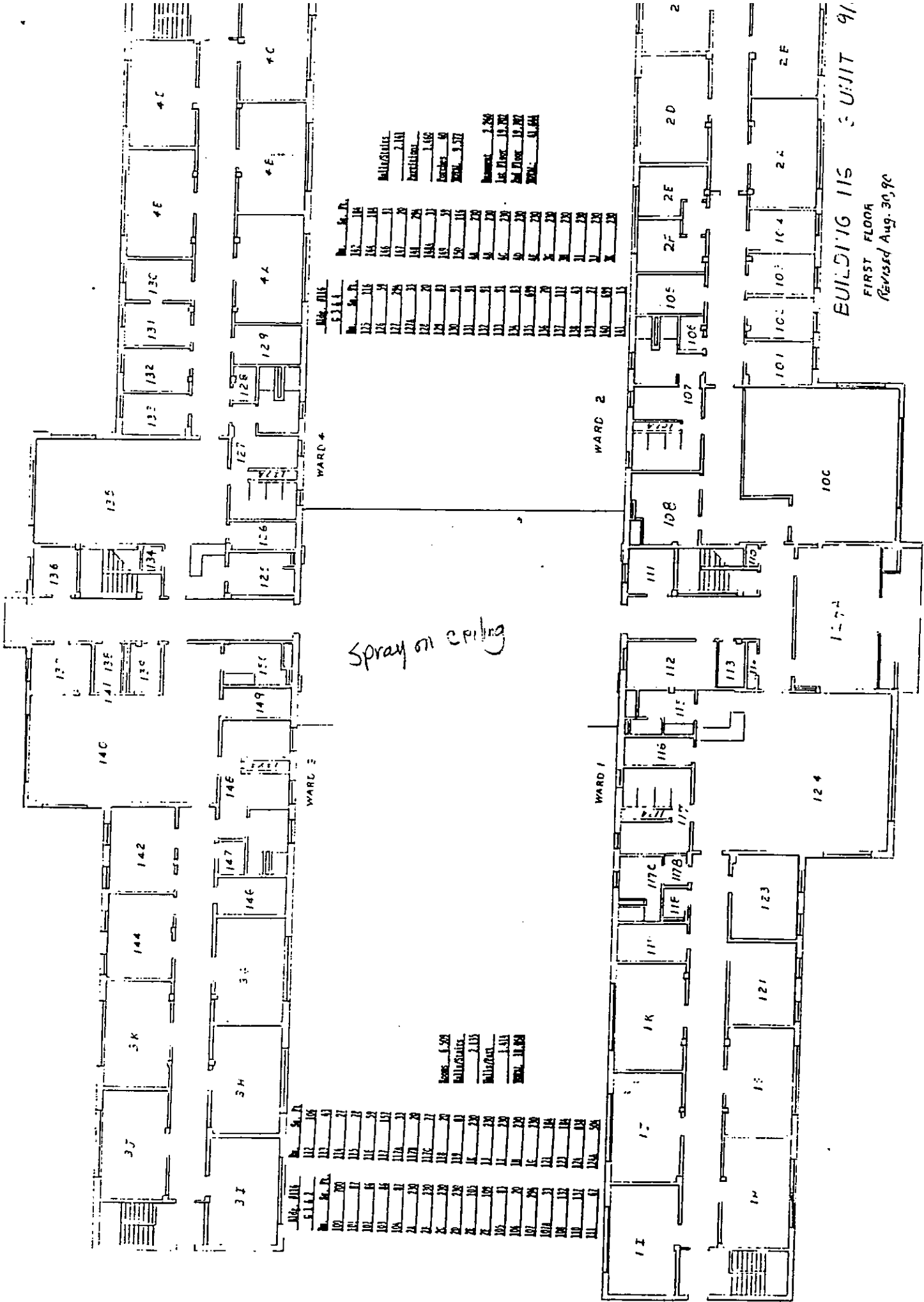
WARD 7

WARD 6

WARD 5



BUILDING 115 G UNIT SECOND FLOOR



Spray on ceiling

BUILDING 115 UNIT 91
FIRST FLOOR
Revised Aug. 30, 90

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 1 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1741	Floor Tile	Room 3k	Tan with brown 9x9 floor tile	230 sq. ft.	0	
VAT-1742	Floor Tile	Room 129	Tan with brown 9x9 floor tile	83 sq. ft.	0	
VAT-1743	Floor Tile	Room 134	Tan with brown 9x9 floor tile	83 sq. ft.	5% Chrysotile	5
VAT-1744	Floor Tile	Room 245	Grey with black 9x9 floor tile	91 sq. ft.	5% Chrysotile	5
VAT-1745	Floor Tile	Room 246	Grey with black 9x9 floor tile	91 sq. ft.	5% Chrysotile	5
VAT-1746	Floor Tile	Room 246	Grey with black 9x9 floor tile	91 sq. ft.	5% Chrysotile	5

SAMPLE INVENTORY SHEET

**Facility Name: Western State Hospital, Staunton
Building No.: Building 116**

**Date: March 2000
Inspector Name: Brian Jones**

Page 2 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-1747	Mastic	Room 3k	Tan mastic under floor tile	230 sq. ft.	0	
MA-1748	Mastic	Room 245	Black mastic under the floor tile	91 sq. ft.	2% Chrysotile	5
MA-1749	Mastic	Room 246	Black mastic under the floor tile	91 sq. ft.	5% Chrysotile	5
VAT-1750	Floor Tile	Room 1G	White with tan 12x12 floor tile	230 sq. ft.	10% Chrysotile	5
VAT-1751	Floor Tile	Room 1H	White with tan 12x12 floor tile	230 sq. ft.	0	
VAT-1752	Floor Tile	Room 137	White 12x12 floor tile	117 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 3 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1753	Ceiling Tile	Room 101	White 1'x1' ceiling tile	87 sq. ft.	0	
CT-1754	Ceiling Tile	Room 108	White 1'x1' ceiling tile	132 sq. ft.	0	
CT-1755	Ceiling Tile	Room 109	White 1'x1' ceiling tile	132 sq. ft.	0	
GM-1756	Glue	Room 101	Glue under 1'x1' ceiling tile	132 sq. ft.	0	
GM-1757	Glue	Room 108	Glue under 1'x1' ceiling tile	132 sq. ft.	0	
GM-1758	Glue	Room 109	Glue under 1'x1' ceiling tile	132 sq. ft.	0	
PL-1759	Plaster	Room 116 North wall	White finish coat	59 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 4 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1760	Plaster Undercoat	Room 116 North wall	Brown undercoat	59 sq. ft.	0	
PL-1761	Plaster	Room 134 East Wall	White finish coat	83 sq. ft.	0	
PU-1762	Plaster Undercoat	Room 134 East Wall	Brown undercoat	83 sq. ft.	0	
PL-1763	Plaster	Room 139 East wall	White finish coat	27 sq. ft.	0	
PU-1764	Plaster Undercoat	Room 139 East Wall	Brown undercoat	27 sq. ft.	0	
PL-1765	Plaster	Room 201 East Wall	White finish coat	87 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 5 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1766	Plaster Undercoat	Room 201 East Wall	Brown undercoat	87 sq. ft.	0	
PL-1767	Plaster	Room 203 East wall	White finish coat	86 sq. ft.	0	
PU-1768	Plaster Undercoat	Room 203 East wall	Brown undercoat	86 sq. ft.	0	
PL-1769	Plaster	Room 240 West wall	White finish coat	27 sq. ft.	0	
PU-1770	Plaster Undercoat	Room 240 West Wall	Brown undercoat	27 sq. ft.	0	
PL-1771	Plaster	Room 250 South Wall	White finish coat	83 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 6 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1772	Plaster Undercoat	Room 250 South Wall	Brown undercoat	83 sq. ft.	0	
BB-1773	Cove Base	Room 126	Grey Cove base	59 sq. ft.	0	
GM-1774	Glue	Room 126	Brown glue under cove base	59 sq. ft.	0	
BB-1775	Cove Base	Room 201	Black Cove base	87 sq. ft.	0	
GM-1776	Glue	Room 201	Brown glue under cove base	87 sq. ft.	0	
BB-1777	Cove Base	Room 250	Black cove base	83 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 7 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-1778	Glue	Room 250	Brown glue under cove base	83 sq. ft.	0	
WG-1779	Glazing	Room 133	Gray window glazing	All window in Room 133	5% Chrysotile	5
WG-1780	Glazing	Room 136	Gray window glazing	All window in Room 136	5% Chrysotile	5
WG-1781	Glazing	Room 136	Gray window glazing	All window in Room 136	5% Chrysotile	5
WC-1782	Caulking	Room 133	Window caulking	All window in Room 133	5% Chrysotile	5

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 8 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
WC-1783	Caulking	Room 136	Window caulking	All window in Room 136	5% Chrysotile	5

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 116

Major Agency: 720
Using Agency: 706
Construction Date: 1960
Gross Sq. Feet: 41644

Area Number: 1-Description: First/Second Floor- Pipe Chases

Note: The piping is fiberglass insulation with mud elbow
According to the previous Hall-Kimberl this insulation is asbestos
containing material.

Area Number: 2-Description: Permanent Ceiling-First and Second Floor

Note: Sprayed on acoustical plaster. According to the previous
Hall-Kimberl this spray on plaster is asbestos containing material.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
First and Second Floor – Throughout	sprayed acoustical plaster	3	34500.00	30	*****	465750.00	465750.00
Area Total:					*****	*****	465750.00

Area Number: 3-Description: - First Floor - Semi permanent Ceilings

Notes: Room 130 has a 2x4 drop ceiling with sheetrock above the
drop ceiling and nothing between.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
---------------------------------------	-------------------------	----------	-----	-----	--------	---------	-------

No Asbestos Samples For This Area.

Total: 465750.00

HOLMES ENVIRONMENTAL, INC.

1600 East Little Creek Road, Suite 308

Norfolk, Virginia 23518

Office 757-587-1164 Fax 757-587-1352

E-Mail : henvinc@aol.com

Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: June 29, 2000

DATE OF ANALYSIS: June 29, 2000

DATE OF REPORT: June 29, 2000

CLIENT PROJECT NAME: Building 116, Western State Hospital, Staunton, VA

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1741	116-1/ Tan floor tile	NAD	100% Non-fibrous
1742	116-2/ Tan floor tile	NAD	100% Non-fibrous
1743	116-3/ Tan floor tile	5% Chrysotile	5% Cellulose 90% Non-Fibrous
1744	116-4/ Gray floor tile	5% Chrysotile	5% Cellulose 90% Non-fibrous
1745	116-5/ Gray floor tile	5% Chrysotile	95% Non-fibrous
1746	116-6/ Gray floor tile	5% Chrysotile	95% Non-fibrous
1747	116-7/ Tan Mastic	NAD	100% Non-fibrous
1748	116-8/ Black Mastic	2% Chrysotile	98% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
Office 757-587-1164 Fax 757-587-1352

CLIENT: DMHMRSAS

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1749	116-9/ Black mastic	5% Chrysotile	95% Non-fibrous
1750	116-10/ Tan with white floor tile	10% Chrysotile	5% Cellulose 85% Non-fibrous
1751	116-11/ White with tan floor tile	NAD	5% Cellulose 95% Non-fibrous
1752	116-12/ White tile	NAD	100% Non-fibrous
1753	116-13/ White fibrous material	NAD	20% Fiberglass 40% Cellulose 40% Non-fibrous
1754	116-14/ White fibrous material	NAD	20% Fiberglass 40% Cellulose 40% Non-fibrous
1755	116-15/ White fibrous material	NAD	20% Fiberglass 40% Cellulose 40% Non-fibrous
1756	116-16/ Tan glue	NAD	100% Non-fibrous
1757	116-17/ Tan glue	NAD	100% Non-fibrous
1758	116-18/ Tan glue	NAD	100% Non-fibrous
1759	116-19/ White plaster	NAD	5% Cellulose 95% Non-fibrous

Office 757-587-1164

Fax 757-587-1352

CLIENT: DMHMRSAS

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
-----------------	---	-----------	-----------------

1760	116-19a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1761	116-20/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1762	116-20a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1763	116-21/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1764	116-21a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1765	116-22/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1766	116-22a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1767	116-23/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1768	116-23a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1769	116-24/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1770	116-24a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1771	116-25/ White plaster	NAD	5% Cellulose 95% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
Office 757-587-1164 Fax 757-587-1352

CLIENT: DMHMRSAS

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1772	116-25a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1773	116-26/ Gray rubber	NAD	100% Non-fibrous
1774	116-26a/ Brown glue	NAD	100% Non-fibrous
1775	116-27/ Black rubber	NAD	10% Fiberglass 5% Cellulose 85% Non-fibrous
1776	116-27a/ Brown glue	NAD	100% Non-fibrous
1777	116-28/ Black rubber	NAD	10% Fiberglass 5% Cellulose 85% Non-fibrous
1778	116-28a/ Brown glue	NAD	100% Non-fibrous
1779	116-29/ Gray powdery material	5% Chrysotile	95% Non-fibrous
1780	116-30/ Gray powdery material	5% Chrysotile	95% Non-fibrous
1781	116-31/ Gray powdery material	5% Chrysotile	95% Non-fibrous
1782	116-32/ Window caulking	5% Chrysotile	95% Non-fibrous
1783	116-33/ Window caulking	5% Chrysotile	95% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
Office 757-587-1164 Fax 757-587-1352

CLIENT: DMHMRAS

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
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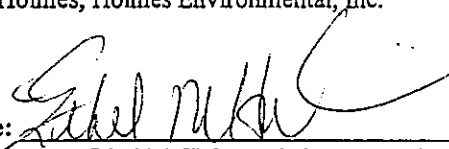
1784	116-34/ Window caulking	5% Chrysotile	95% Non-fibrous
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REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature: _____


Ethel M. Holmes, Laboratory Director
Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND:	NAD: no asbestos detected	SCF: suspected ceramic fibers
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NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 1 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1741	Floor Tile	Room 3k	Tan with brown 9x9 floor tile	230 sq. ft.	0	
VAT-1742	Floor Tile	Room 129	Tan with brown 9x9 floor tile	83 sq. ft.	0	
MA-1747	Mastic	Room 3k	Tan mastic under floor tile	230 sq. ft.	0	
VAT-1751	Floor Tile	Room 1H	White with tan 12x12 floor tile	230 sq. ft.	0	
VAT-1752	Floor Tile	Room 137	White 12x12 floor tile	117 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 2 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1753	Ceiling Tile	Room 101	White 1'x1' ceiling tile	87 sq. ft.	0	
CT-1754	Ceiling Tile	Room 108	White 1'x1' ceiling tile	132 sq. ft.	0	
CT-1755	Ceiling Tile	Room 109	White 1'x1' ceiling tile	132 sq. ft.	0	
GM-1756	Glue	Room 101	Glue under 1'x1' ceiling tile	132 sq. ft.	0	
GM-1757	Glue	Room 108	Glue under 1'x1' ceiling tile	132 sq. ft.	0	
GM-1758	Glue	Room 109	Glue under 1'x1' ceiling tile	132 sq. ft.	0	
PL-1759	Plaster	Room 116 North wall	White finish coat	59 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 3 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1760	Plaster Undercoat	Room 116 North wall	Brown undercoat	59 sq. ft.	0	
PL-1761	Plaster	Room 134 East Wall	White finish coat	83 sq. ft.	0	
PU-1762	Plaster Undercoat	Room 134 East Wall	Brown undercoat	83 sq. ft.	0	
PL-1763	Plaster	Room 139 East wall	White finish coat	27 sq. ft.	0	
PU-1764	Plaster Undercoat	Room 139 East Wall	Brown undercoat	27 sq. ft.	0	
PL-1765	Plaster	Room 201 East Wall	White finish coat	87 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 4 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1766	Plaster Undercoat	Room 201 East Wall	Brown undercoat	87 sq. ft.	0	
PL-1767	Plaster	Room 203 East wall	White finish coat	86 sq. ft.	0	
PU-1768	Plaster Undercoat	Room 203 East wall	Brown undercoat	86 sq. ft.	0	
PL-1769	Plaster	Room 240 West wall	White finish coat	27 sq. ft.	0	
PU-1770	Plaster Undercoat	Room 240 West Wall	Brown undercoat	27 sq. ft.	0	
PL-1771	Plaster	Room 250 South Wall	White finish coat	83 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 5 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1772	Plaster Undercoat	Room 250 South Wall	Brown undercoat	83 sq. ft.	0	
BB-1773	Cove Base	Room 126	Grey Cove base	59 sq. ft.	0	
GM-1774	Glue	Room 126	Brown glue under cove base	59 sq. ft.	0	
BB-1775	Cove Base	Room 201	Black Cove base	87 sq. ft.	0	
GM-1776	Glue	Room 201	Brown glue under cove base	87 sq. ft.	0	
BB-1777	Cove Base	Room 250	Black cove base	83 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 6 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-1778	Glue	Room 250	Brown glue under cove base	83 sq. ft.	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET



ATTN: Lynn Wilkens

COMPANY: _____

SUBJECT: Dept of Mental

Health - Asbestos fire door

DATE: 8/21/00

FROM: Debbie Wagner

PHONE: 1-800-678-8910

FAX: 1-920-487-3636

Lynn -

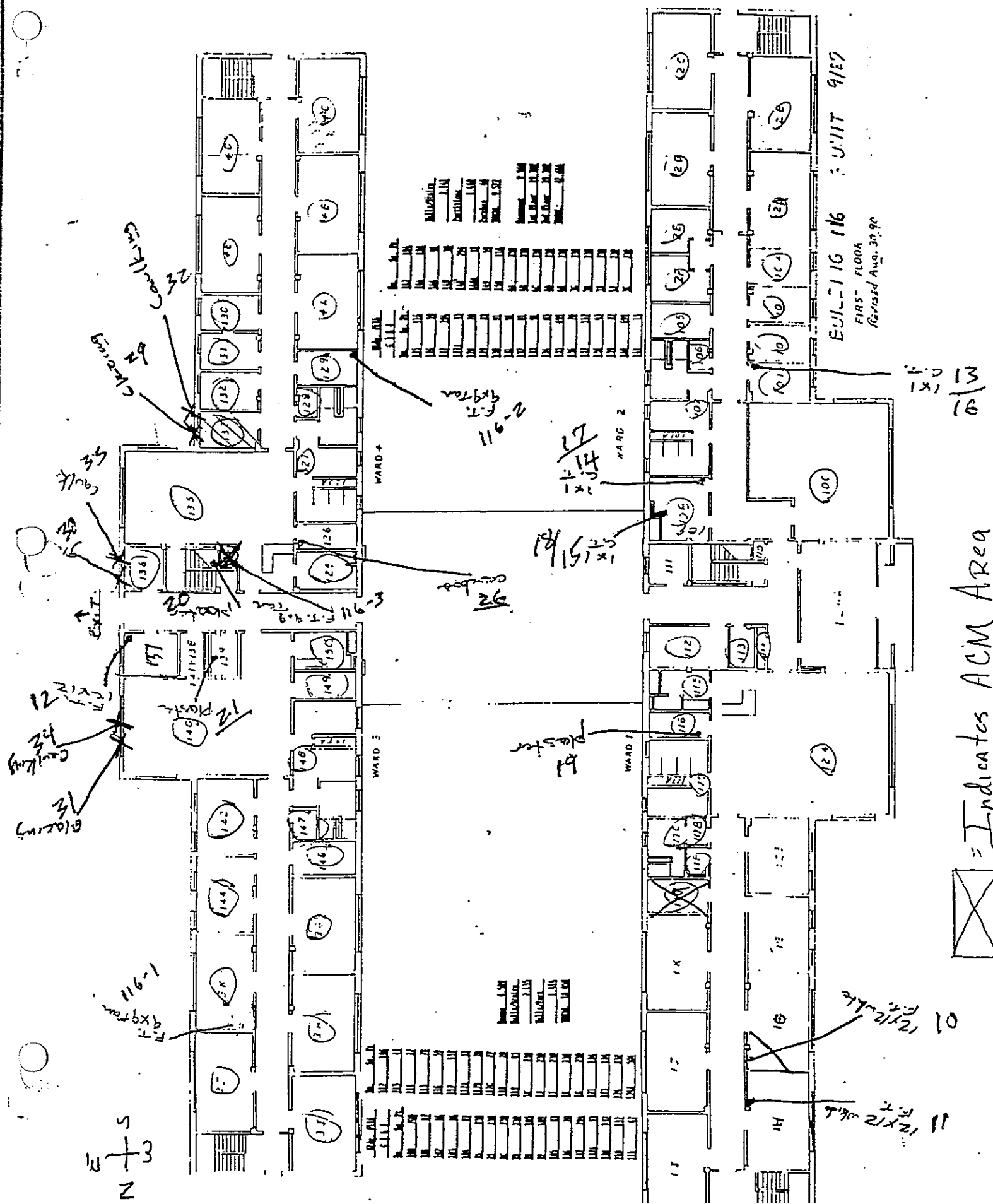
Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1

IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.

Debbie Wagner



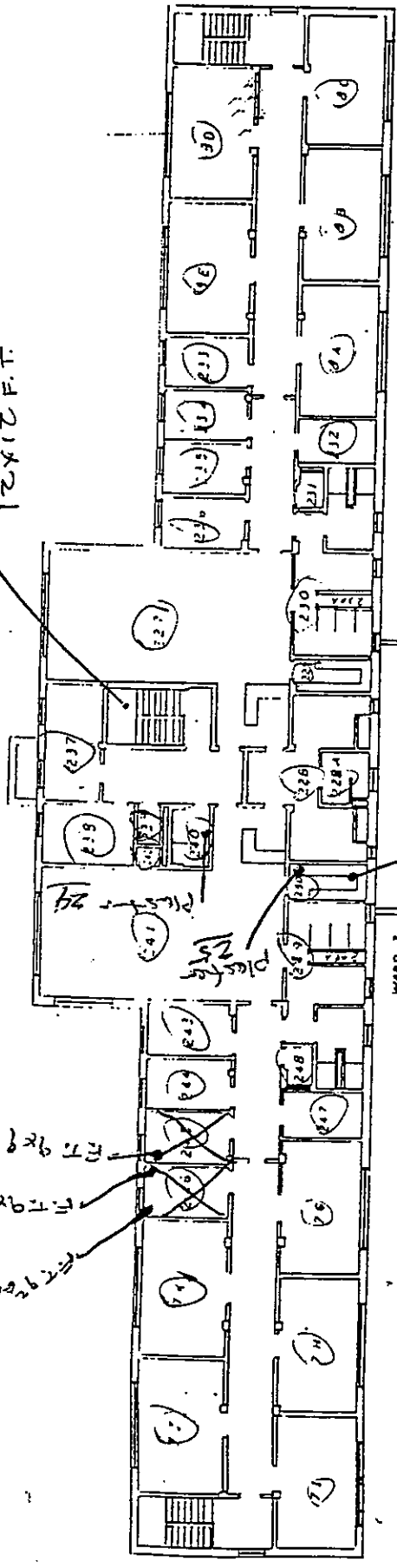
000

000

000

FT 9' x 9' Gray 6
FT 9' x 9' Gray 6
FT 9' x 9' Gray 4

Stairway
12x12 F.T.



WARD 8

WARD 7

WARD 6

Room	Sq. Ft.
200	117
201	117
202	117
203	117
204	117
205	117
206	117
207	117
208	117
209	117
210	117
211	117
212	117
213	117
214	117
215	117
216	117
217	117
218	117
219	117
220	117
221	117
222	117
223	117
224	117
225	117
226	117
227	117
228	117
229	117
230	117
231	117
232	117
233	117
234	117
235	117
236	117
237	117
238	117
239	117
240	117
Halls/Stairs	1,201
Per 1,605	

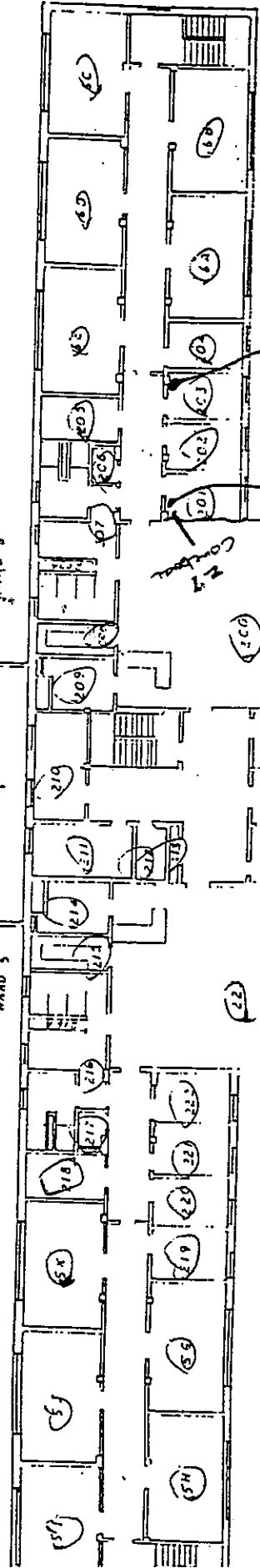
Room	Sq. Ft.
241	117
242	117
243	117
244	117
245	117
246	117
247	117
248	117
249	117
250	117
251	117
252	117
253	117
254	117
255	117
256	117
257	117
258	117
259	117
260	117
Halls/Stairs	1,201
Per 1,605	

Room	Sq. Ft.
261	117
262	117
263	117
264	117
265	117
266	117
267	117
268	117
269	117
270	117
271	117
272	117
273	117
274	117
275	117
276	117
277	117
278	117
279	117
280	117
Halls/Stairs	1,201
Per 1,605	

Room	Sq. Ft.
281	117
282	117
283	117
284	117
285	117
286	117
287	117
288	117
289	117
290	117
291	117
292	117
293	117
294	117
295	117
296	117
297	117
298	117
299	117
300	117
Halls/Stairs	1,201
Per 1,605	

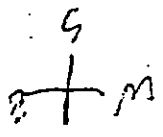
WARD 5

WARD 4



BUILDING 116 3 UNIT

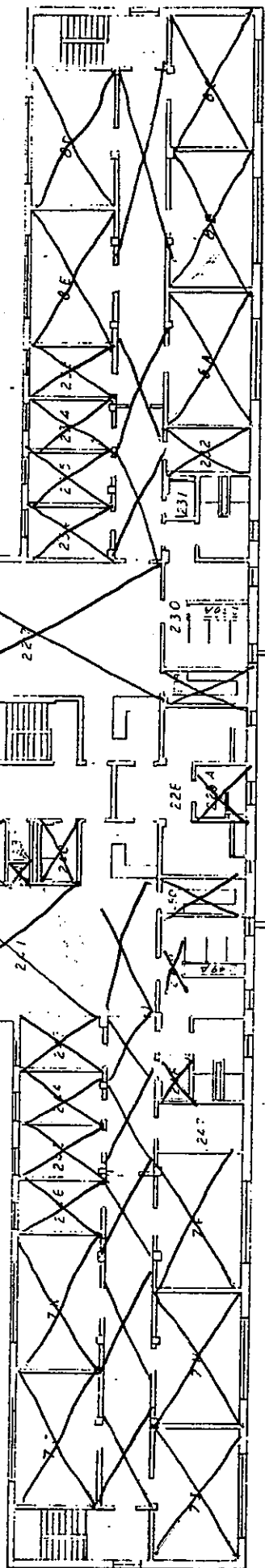
Indicates ACM Area



116

X = Mastic

Building 116 Mastic



WARD 7

WARD 8

Room	Sq. Ft.
213	27
214	116
215	59
216	294
216A	33
217	20
218	83
219	31
220	91
221	91
222	91
223	836
224	117
225	106
226	43

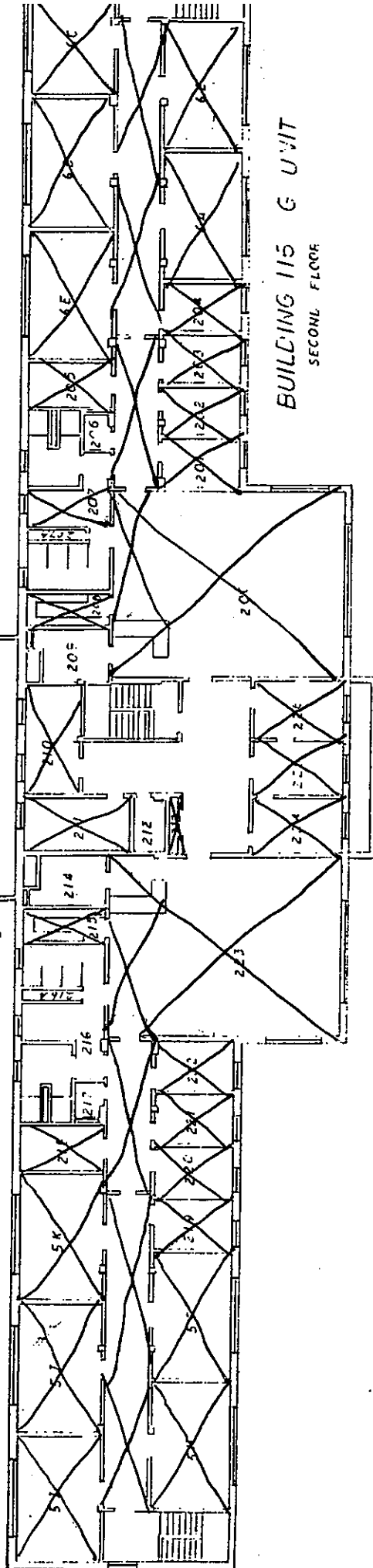
Room	Sq. Ft.
6A	230
6B	230
6C	230
6D	230
6E	230
6F	230
6G	230
6H	230
6I	230
6J	230
6K	230
Hallway/Stairs	2,020
Part. 1, 605	

Room	Sq. Ft.
227	699
228	116
228A	56
229	83
230	294
230A	33
231	20
232	83
233	91
234	91
235	91
236	91
237	136

9A	230
9B	230
9C	230
9D	230
9E	230
9F	230
9G	230
9H	230
9I	230
9J	230
9K	230
Hallway/Stairs	1,961
Part. 1, 605	

WARD 5

WARD 6

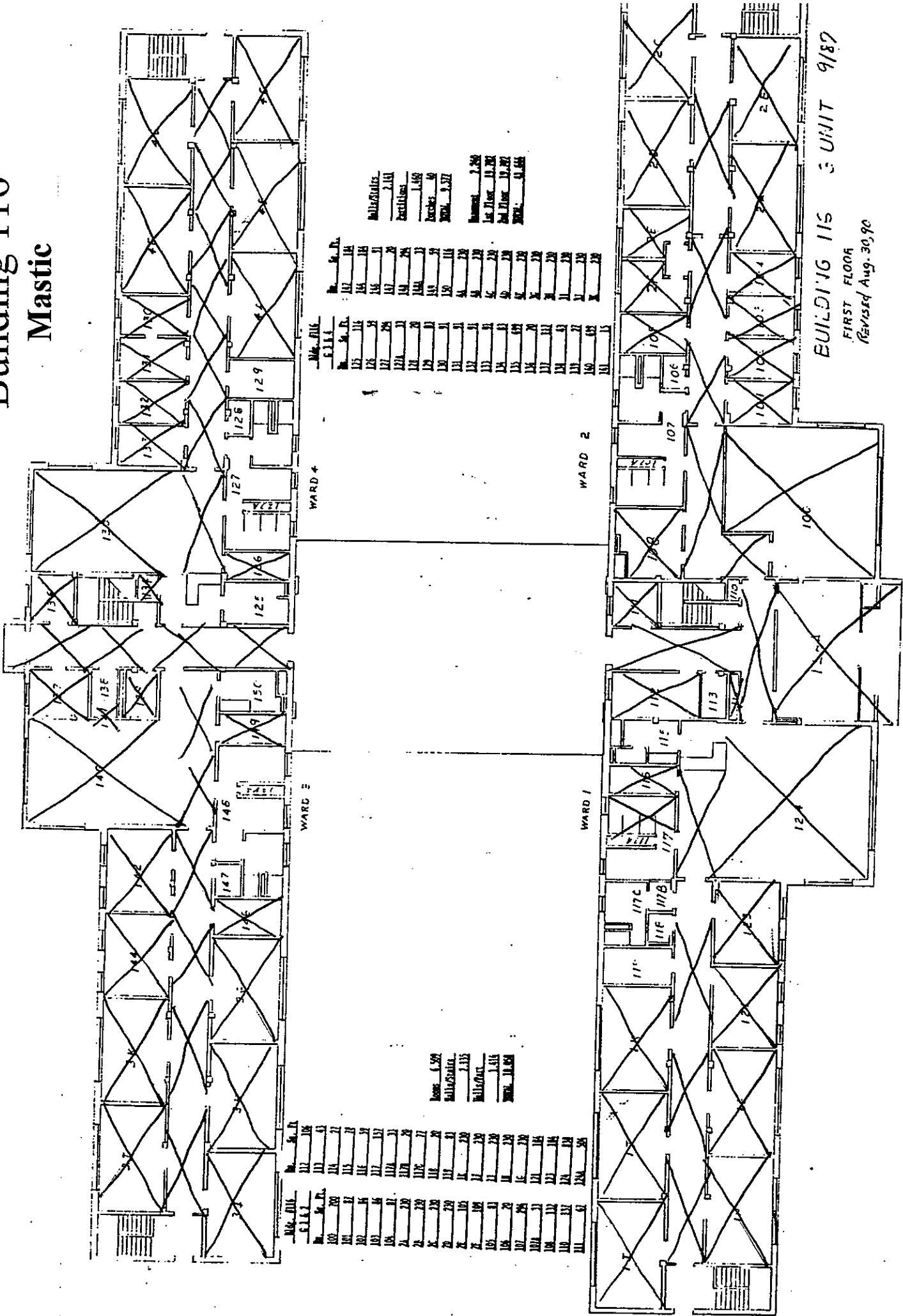


BUILDING 115 G UNIT SECOND FLOOR

116

X = Mastic

Building 116 Mastic



Room	Area	Volume	Weight
111	111	111	111
112	112	112	112
113	113	113	113
114	114	114	114
115	115	115	115
116	116	116	116
117	117	117	117
118	118	118	118
119	119	119	119
120	120	120	120
121	121	121	121
122	122	122	122
123	123	123	123
124	124	124	124
125	125	125	125
126	126	126	126
127	127	127	127
128	128	128	128
129	129	129	129
130	130	130	130
131	131	131	131
132	132	132	132
133	133	133	133
134	134	134	134
135	135	135	135
136	136	136	136
137	137	137	137
138	138	138	138
139	139	139	139
140	140	140	140
141	141	141	141
142	142	142	142
143	143	143	143
144	144	144	144
145	145	145	145
146	146	146	146
147	147	147	147

Rest. 1.50
Milk Station 1.15
Milk Office 1.15
Total 3.80

Room	Area	Volume	Weight
101	101	101	101
102	102	102	102
103	103	103	103
104	104	104	104
105	105	105	105
106	106	106	106
107	107	107	107
108	108	108	108
109	109	109	109
110	110	110	110
111	111	111	111
112	112	112	112
113	113	113	113
114	114	114	114
115	115	115	115
116	116	116	116
117	117	117	117
118	118	118	118
119	119	119	119
120	120	120	120
121	121	121	121
122	122	122	122
123	123	123	123
124	124	124	124
125	125	125	125
126	126	126	126
127	127	127	127
128	128	128	128
129	129	129	129
130	130	130	130
131	131	131	131
132	132	132	132
133	133	133	133
134	134	134	134
135	135	135	135
136	136	136	136
137	137	137	137
138	138	138	138
139	139	139	139
140	140	140	140
141	141	141	141
142	142	142	142
143	143	143	143
144	144	144	144
145	145	145	145
146	146	146	146
147	147	147	147

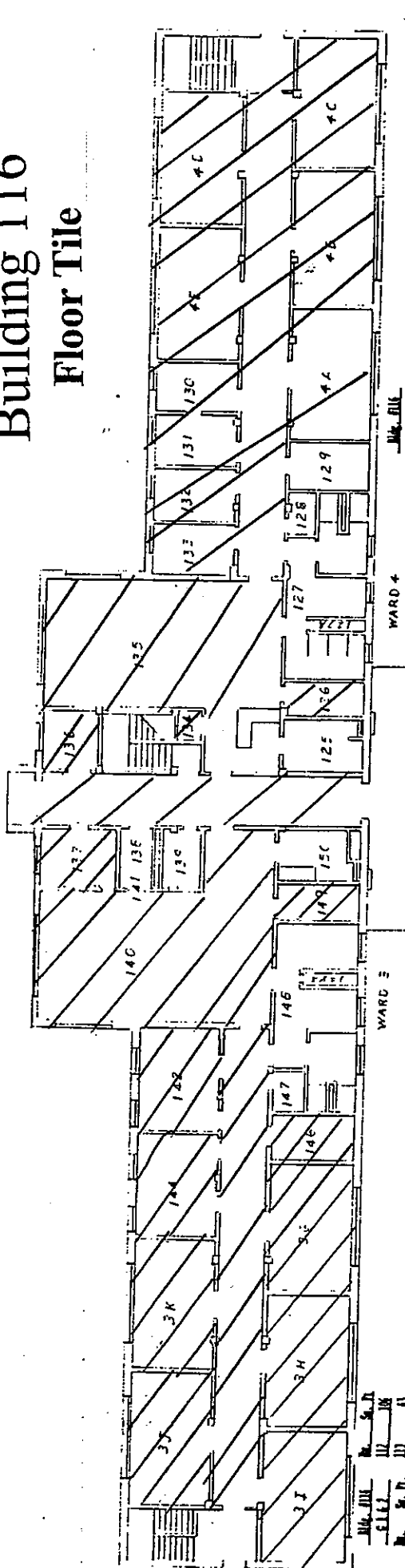
Rest. 1.50
Milk Station 1.15
Milk Office 1.15
Total 3.80

BUILDING 116 3 UNIT 9/89
FIRST FLOOR
Revised Aug. 30, 90

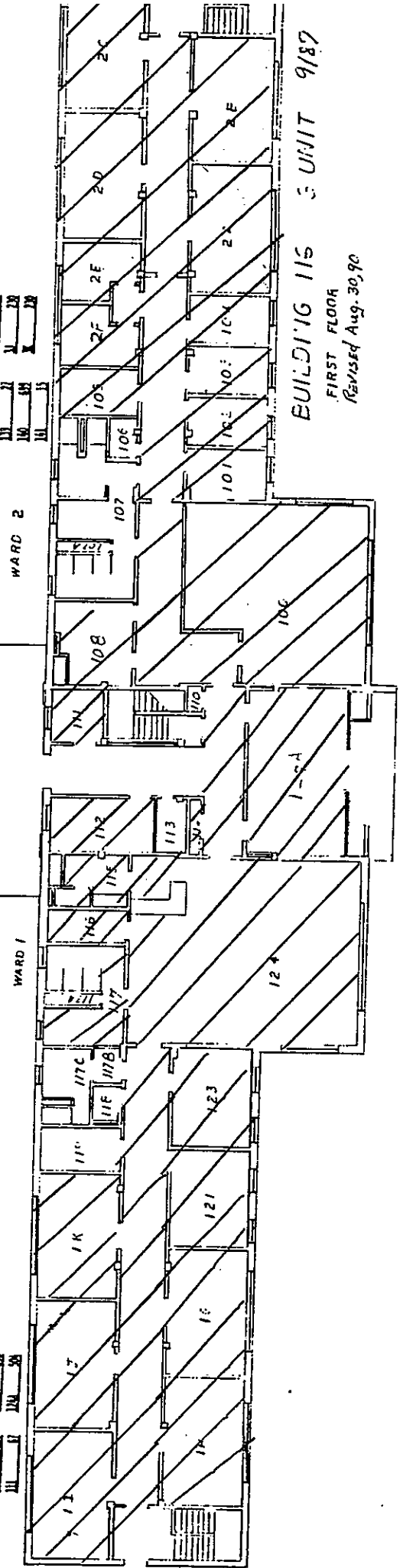
116

///=Floor Tile

Building 116 Floor Tile



Room	Area	Count	Notes
101	1.20	1	
102	1.20	1	
103	1.20	1	
104	1.20	1	
105	1.20	1	
106	1.20	1	
107	1.20	1	
108	1.20	1	
109	1.20	1	
110	1.20	1	
111	1.20	1	
112	1.20	1	
113	1.20	1	
114	1.20	1	
115	1.20	1	
116	1.20	1	
117	1.20	1	
118	1.20	1	
119	1.20	1	
120	1.20	1	
121	1.20	1	
122	1.20	1	
123	1.20	1	
124	1.20	1	
125	1.20	1	
126	1.20	1	
127	1.20	1	
128	1.20	1	
129	1.20	1	
130	1.20	1	
131	1.20	1	
132	1.20	1	
133	1.20	1	
134	1.20	1	
135	1.20	1	
136	1.20	1	
137	1.20	1	
138	1.20	1	
139	1.20	1	
140	1.20	1	
141	1.20	1	
142	1.20	1	
143	1.20	1	
144	1.20	1	
145	1.20	1	
146	1.20	1	
147	1.20	1	
148	1.20	1	
149	1.20	1	
150	1.20	1	
151	1.20	1	
152	1.20	1	
153	1.20	1	
154	1.20	1	
155	1.20	1	
156	1.20	1	
157	1.20	1	
158	1.20	1	
159	1.20	1	
160	1.20	1	
161	1.20	1	
162	1.20	1	
163	1.20	1	
164	1.20	1	
165	1.20	1	
166	1.20	1	
167	1.20	1	
168	1.20	1	
169	1.20	1	
170	1.20	1	
171	1.20	1	
172	1.20	1	
173	1.20	1	
174	1.20	1	
175	1.20	1	
176	1.20	1	
177	1.20	1	
178	1.20	1	
179	1.20	1	
180	1.20	1	
181	1.20	1	
182	1.20	1	
183	1.20	1	
184	1.20	1	
185	1.20	1	
186	1.20	1	
187	1.20	1	
188	1.20	1	
189	1.20	1	
190	1.20	1	
191	1.20	1	
192	1.20	1	
193	1.20	1	
194	1.20	1	
195	1.20	1	
196	1.20	1	
197	1.20	1	
198	1.20	1	
199	1.20	1	
200	1.20	1	

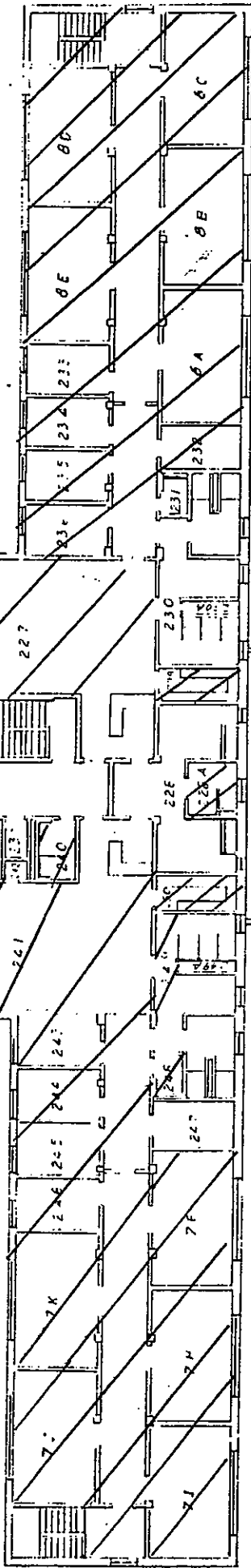


BUILDING 115 3 UNIT 9/87
FIRST FLOOR
Revised Aug. 30, 90

116

///=Floor Tile

Building 116 Floor Tile



WARD 8

WARD 7

Room	Sq. Ft.	213	27
200	838	214	116
201	87	215	59
202	86	216	29
203	86	216A	33
204	86	217	20
205	83	218	83
206	20	219	91
207	29	220	91
207A	33	221	91
208	57	222	91
209	118	223	838
210	138	224	117
211	106	225	104
212	43	226	117

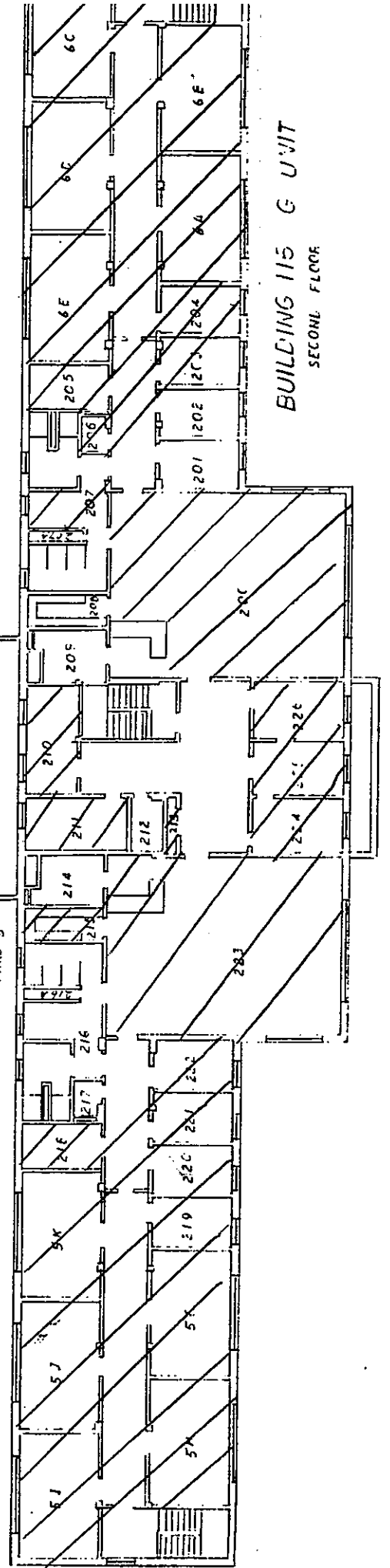
6A	230
6B	230
6C	230
6D	230
6E	230
6F	230
6G	230
6H	230
6I	230
6J	230
6K	230
Halls/Stairs	2,020
Part. 1,605	

Rm.	Sq. Ft.	227	699
228	116	228A	56
229	83	230	29
230A	33	231	20
232	83	233	91
234	91	235	91
236	91	237	138

238	117	239	43
240	27	241	699
242	15	243	91
244	91	245	91
246	91	247	83
248	20	249	29
250	33	251	83
Halls/Stairs	1,961	Part. 1,605	

WARD 6

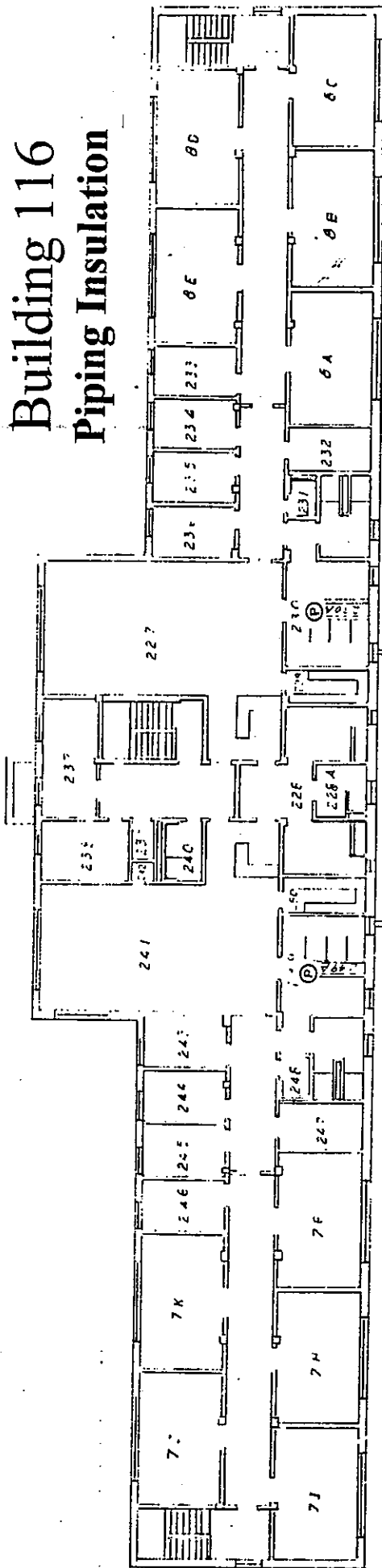
WARD 5



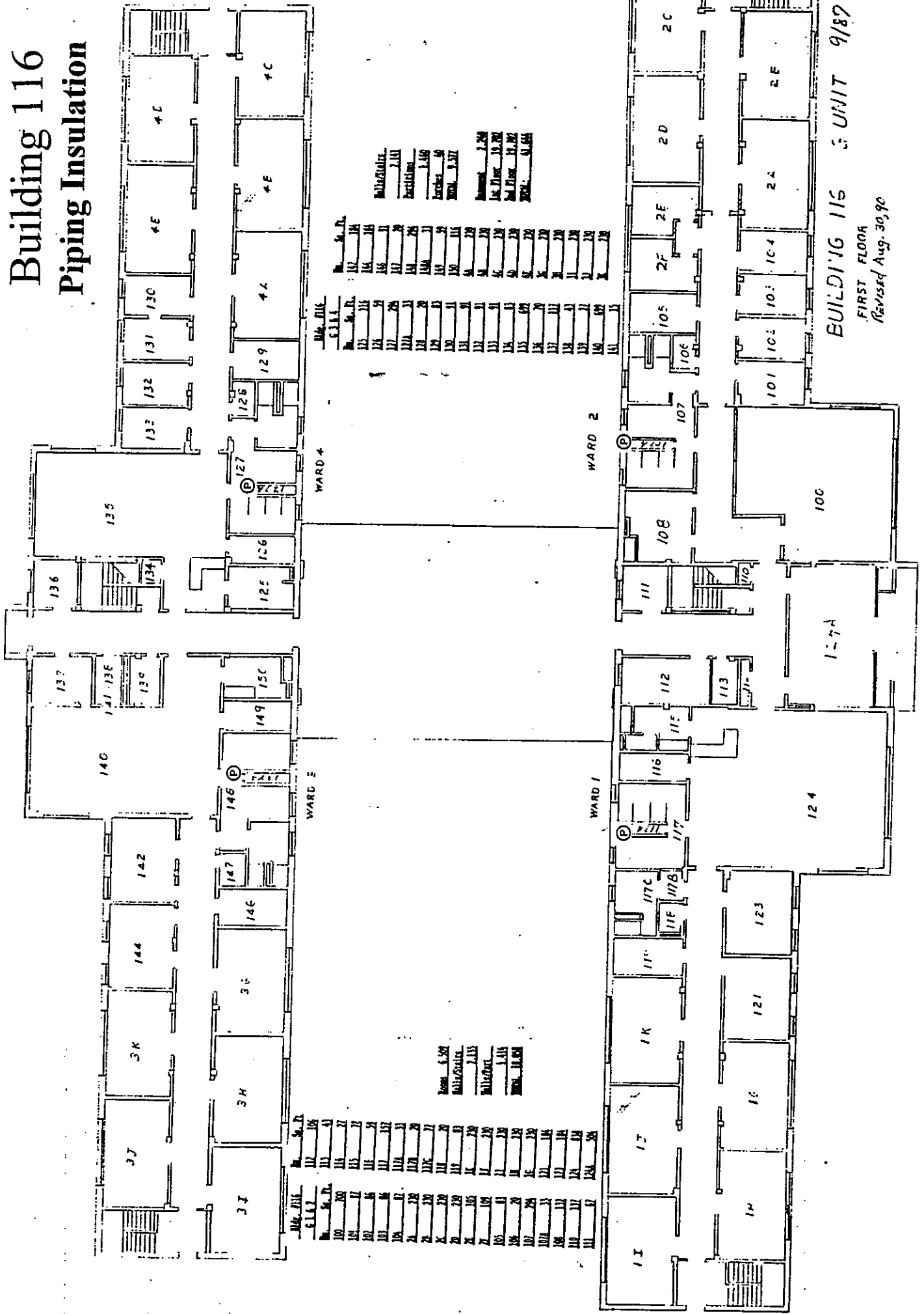
BUILDING 115 G UNIT
SECOND FLOOR

116.8

Building 116 Piping Insulation



Piping Insulation



BUILDING 115 UNIT 9/87

FIRST FLOOR
Revised Aug. 30, 90

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 1 of 3

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1743	Floor Tile	Room 134	Tan with brown 9x9 floor tile	83 sq. ft.	5% Chrysotile	5
VAT-1744	Floor Tile	Room 245	Grey with black 9x9 floor tile	91 sq. ft.	5% Chrysotile	5
VAT-1745	Floor Tile	Room 246	Grey with black 9x9 floor tile	91 sq. ft.	5% Chrysotile	5
VAT-1746	Floor Tile	Room 246	Grey with black 9x9 floor tile	91 sq. ft.	5% Chrysotile	5
MA-1748	Mastic	Room 245	Black mastic under the floor tile	91 sq. ft.	2% Chrysotile	5
MA-1749	Mastic	Room 246	Black mastic under the floor tile	91 sq. ft.	5% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 2 of 3

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1750	Floor Tile	Room 1G	White with tan 12x12 floor tile	230 sq. ft.	10% Chrysotile	5
WG-1779	Glazing	Room 133	Gray window glazing	All window in Room 133	5% Chrysotile	5
WG-1780	Glazing	Room 136	Gray window glazing	All window in Room 136	5% Chrysotile	5
WG-1781	Glazing	Room 136	Gray window glazing	All window in Room 136	5% Chrysotile	5
WC-1782	Caulking	Room 133	Window caulking	All window in Room 133	5% Chrysotile	5
WC-1783	Caulking	Room 136	Window caulking	All window in Room 136	5% Chrysotile	5
WC-1784	Caulking	Room 140	Window caulking	All window in Room 140	5% Chrysotile	5
IN-HK-01	Piping Insulation	Pipe Chase	Mud on pipe	See HK report	See HK report	1

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 116

Date: March 2000
Inspector Name: Brian Jones

Page 3 of 3

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PS-HK-02	Plaster	Throughout Building	Sprayed on acoustical plaster	See HK report	See HK report	5

STATEMENT FOR ASBESTOS ASSESSMENT REPORT

The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia, has been prepared and covers the following Building 116 Resident Care G Unit.

I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.

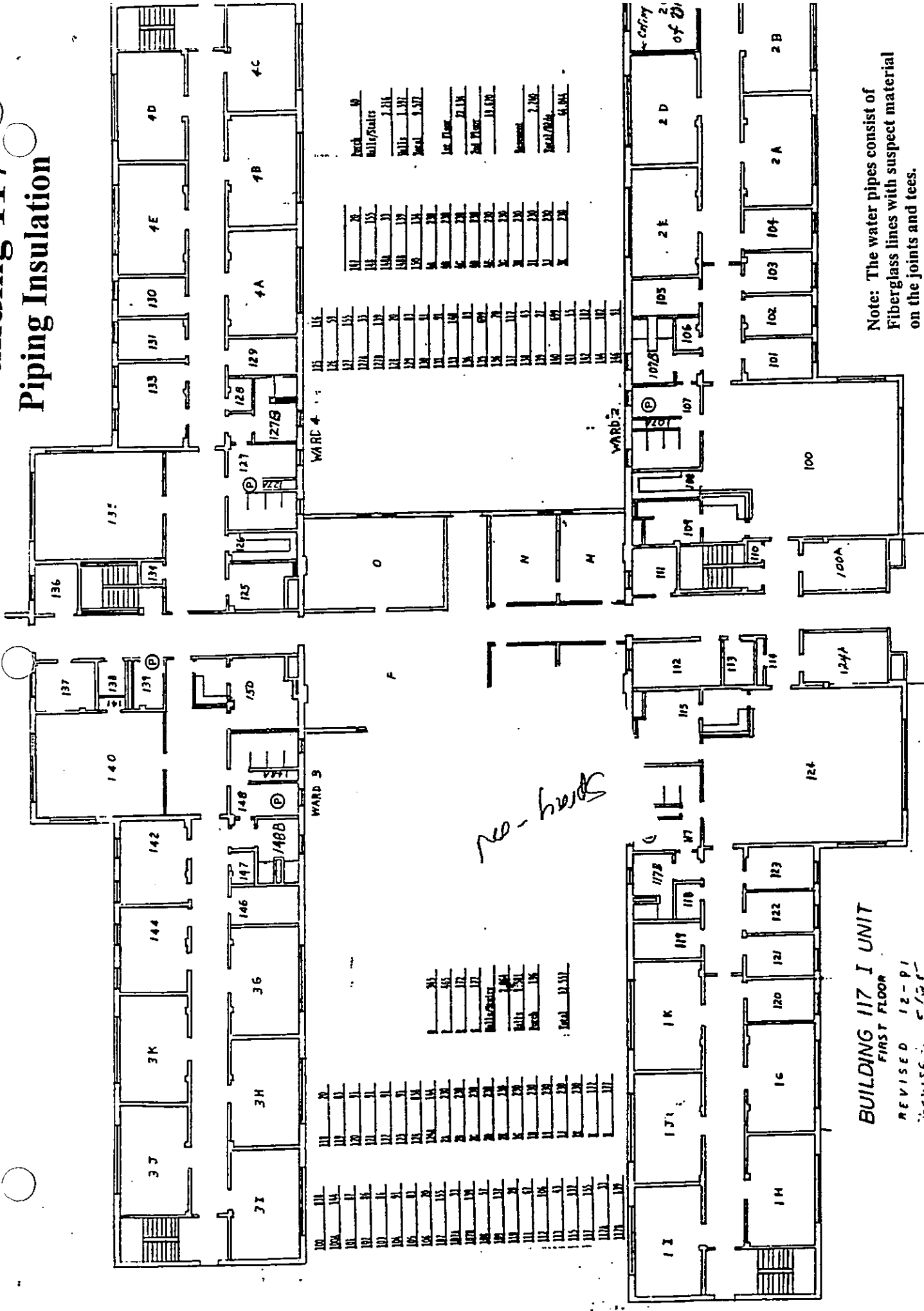

Asbestos Inspector

3303 000407
License Number

AUG 2000
Date

BUILDING 117

Building 117 Piping Insulation

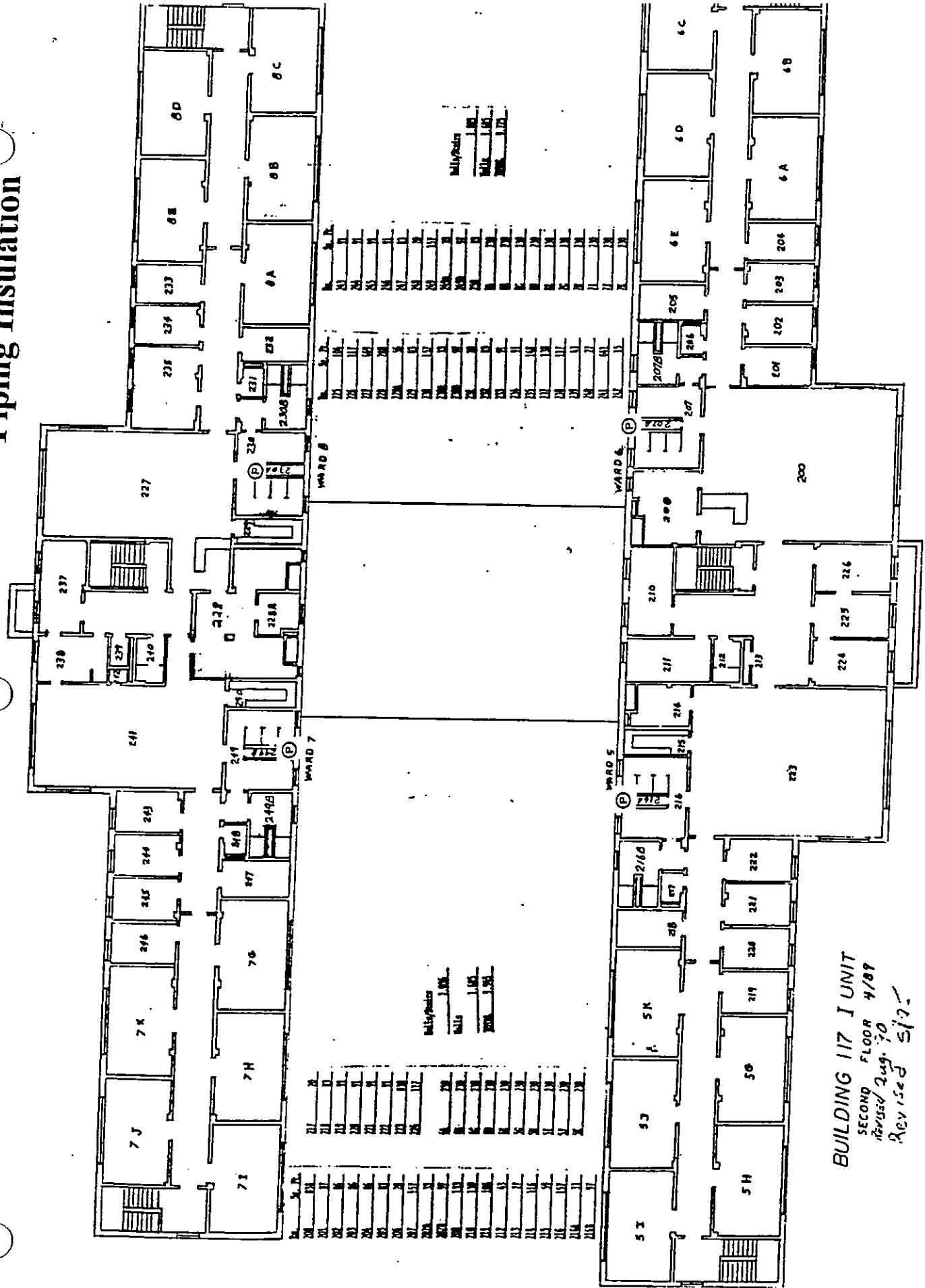


Note: The water pipes consist of
Fiberglass lines with suspect material
on the joints and tees.

CONTRACTOR: ABATECO SERVICES
INSPECTOR: HOLMES & GARNER

BUILDING 117 I UNIT
FIRST FLOOR
REVISED 12-91
REVISED 5/95
PROJECT: 720-10045-15
DATE: 9/30/02
SCOPE: PIPE INSUL. MASTIC FLOOR TILE &
ELECTRICAL DEMOLITION

Building 117 Piping Insulation



BUILDING 117 I UNIT
SECOND FLOOR 4/89
Revised Aug. 90
Rev 1523 5/92

X = Mastic



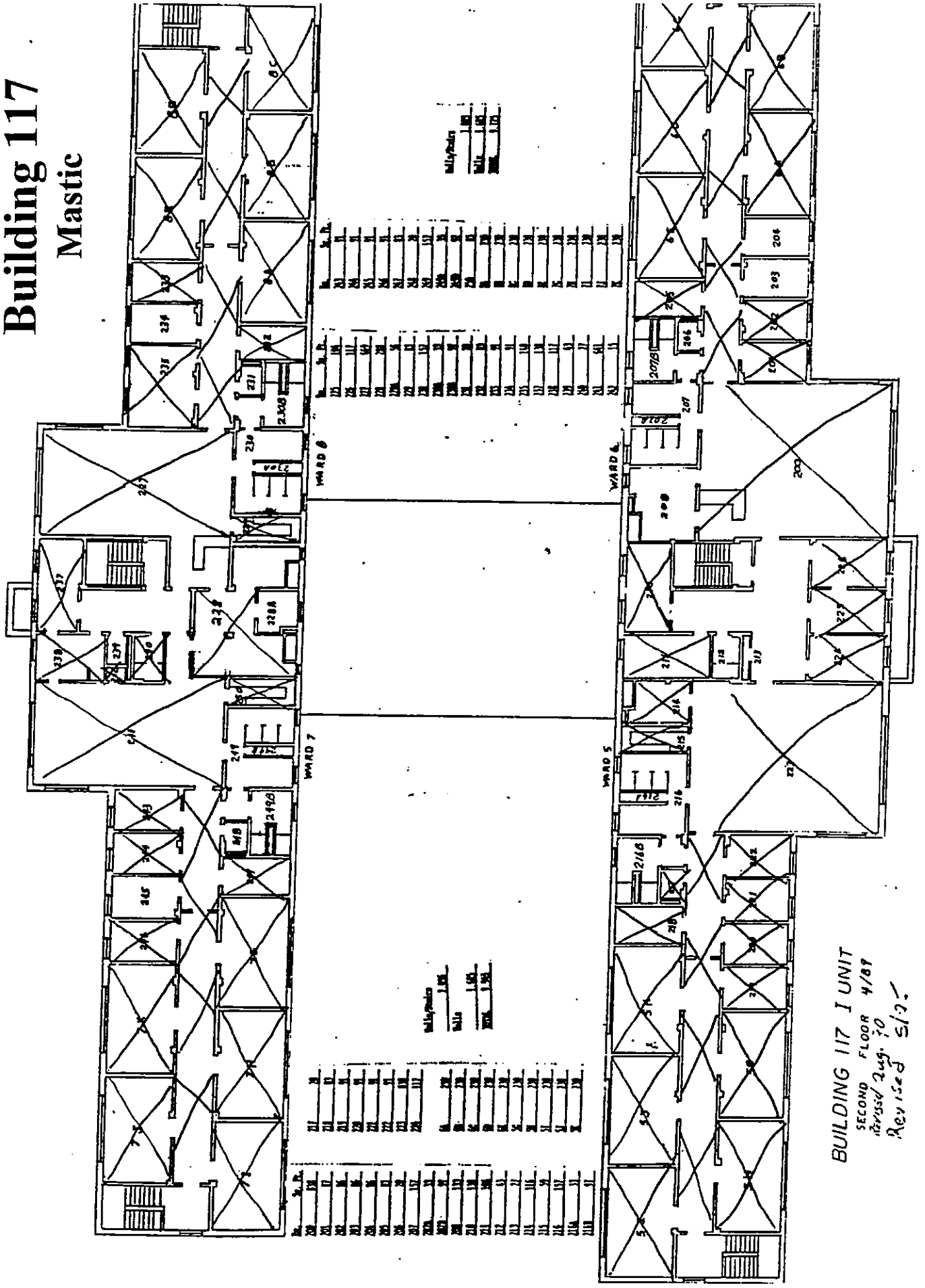
REVISED 12-11-76
FIRST FLOOR

117

X = Mastic

Building 117

Mastic



BUILDING 117 I UNIT
SECOND FLOOR 4/89
Revised Aug. 90
5/92

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 1 of 7

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1785	Floor tile	Room 100 West wall	12 x 12 floor tile white with tan	838 sq. ft.	0	
MA-1786	Mastic	Room 100 West wall	Black mastic under the floor tile	838 sq. ft.	5% Chrysotile	5
VAT-1787	Floor tile	Room 141 N.W. corner	12 x 12 floor tile white with tan	15 sq. ft.	0	
MA-1788	Mastic	Room 141 N.W. corner	Black mastic under the floor tile	15 sq. ft.	2% Chrysotile	5
VAT-1789	Floor tile	Room 237 N.E. corner	12 x 12 floor tile white with tan	138 sq. ft.	0	
MA-1790	Mastic	Room 237 N.E. corner	Black mastic under the floor tile	138 sq. ft.	2% Chrysotile	5
VAT-1791	Floor tile	Room 102 S.W. corner	9 x 9 floor tile light brown with white	86 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Page 2 of 7

Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1792	Floor tile	Room 102 N.W. corner	9 x 9 floor tile light brown with white	86 sq. ft.	0	
VAT-1793	Floor tile	Room 142 S.E. corner	9 x 9 floor tile light brown with white	182 sq. ft.	0	
VS-1794	Sheet vinyl	Room 234 S.E. corner	Brown sheet vinyl	91 sq. ft.	15% Chrysotile	5
VS-1795	Sheet vinyl	Room 234 N.E. corner	Brown sheet vinyl	91 sq. ft.	15% Chrysotile	5
VS-1796	Sheet vinyl	Room 245 S.E. corner	Brown sheet vinyl	91 sq. ft.	15% Chrysotile	5
VS-1797	Sheet vinyl	Room 103 N.E. corner	Tan sheet vinyl	86 sq. ft.	0	
VS-1798	Sheet vinyl	Room 115 S.E. corner	Tan sheet vinyl	132 sq. ft.	0	
VS-1799	Sheet vinyl	Room 208 N.E. corner	Tan sheet vinyl	133 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Page 3 of 7

Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-1800	Glue	Room 208 N.E. corner	Brown glue	133 sq. ft.	0	
VS-1801	Sheet vinyl	Room 119 South wall	White sheet vinyl	83 sq. ft.	0	
VS-1802	Sheet vinyl	Room 123 S.E. corner	White sheet vinyl	91 sq. ft.	0	
GM-1803	Glue	Room 123 S.E. corner	Brown glue	91 sq. ft.	0	
VS-1804	Sheet vinyl	Room 144 S.E. corner	White sheet vinyl	182 sq. ft.	0	
VS-1805	Sheet vinyl	Room 150 West wall	White sheet vinyl	134 sq. ft.	0	
GM-1806	Glue	Room 150 West wall	Brown glue	134 sq. ft.	0	
VS-1807	Sheet vinyl	Room 203 N.E. corner	White sheet vinyl	86 sq. ft.	0	
GM-1808	Glue	Room 203 N.E. corner	Brown glue	86 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 4 of 7

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1809	Plaster	Room 101 East wall	Plaster white finish coat	87 sq. ft.	0	
PU-1810	Plaster	Room 101 East wall	Plaster brown under coat	87 sq. ft.	0	
PL-1841	Plaster	Room 109A South wall	Plaster white finish coat	137 sq. ft.	0	
PU-1842	Plaster	Room 109A South wall	Plaster brown under coat	137 sq. ft.	0	
PL-1843	Plaster	Room 127 North wall	Plaster white finish coat	155 sq. ft.	0	
PU-1844	Plaster	Room 127 North wall	Plaster brown under coat	155 sq. ft.	0	
PL-1845	Plaster	Room 127B South wall	Plaster white finish coat	139 sq. ft.	0	
PU-1846	Plaster	Room 127B South wall	Plaster brown under coat	139 sq. ft.	0	
PL-1847	Plaster	Room 131 West wall	Plaster white finish coat	91 sq. ft.	0	
PU-1848	Plaster	Room 131 West wall	Plaster brown finish coat	91 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 5 of 7

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1849	Plaster	Room 213 West wall	Plaster white finish coat	27 sq. ft.	0	
PU-1850	Plaster	Room 213 West wall	Plaster brown under coat	27 sq. ft.	0	
PL-1851	Plaster	Room 222 West wall	Plaster white finish coat	91 sq. ft.	0	
PU-1852	Plaster	Room 222 West wall	Plaster brown under coat	91 sq. ft.	0	
SH-1853	Sheet rock	Room R West wall	Sheet rock	172 sq. ft.	0	
JC-1854	Joint compound	Room R West wall	Joint compound	172 sq. ft.	0	
SH-1855	Sheet rock	Room S South wall	Sheet rock	177 sq. ft.	0	
JC-1856	Joint compound	Room S South wall	Joint compound	177 sq. ft.	0	
SH-1857	Sheet rock	Room S East wall	Sheet rock	177 sq. ft.	0	
JC-1858	Joint compound	Room S East wall	Joint compound	177 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 6 of 7

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
BB-1859	Cove base	Room 114 N.E. corner	Black cove base	43 sq. ft.	0	
GM-1860	Glue	Room 114 N.E. corner	Brown glue	43 sq. ft.	0	
BB-1861	Cove base	Room 121 N.E. corner	Black cove base	91 sq. ft.	0	
GM-1862	Glue	Room 121 N.E. corner	Brown glue	91 sq. ft.	0	
BB-1863	Cove base	Room 215 South wall	Black cove base	59 sq. ft.	0	
GM-1864	Glue	Room 215 South wall	Brown glue	59 sq. ft.	0	
WD-1865	Wood	Room 6A Door	Core of wood fire door white	1 Door	0	
WD-1866	Wood	Room 6D Door	Core of wood fire door white	1 Door	0	
WD-1867	Wood	Room 6E Door	Core of wood fire door white	1 Door	0	

SAMPLE INVENTORY SHEET

**Facility Name: Western State Hospital, Staunton
Building No.: 117**

**Date: March 25, 2000
Inspector Name: Brian Jones**

Page 7 of 7

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
WG-1868	Window glazing	Room 133 bottom of window	Window glazing	All window in Room 133	2% Chrysotile	5
WG-1869	Window glazing	Room 136 bottom of window	Window glazing	All window in Room 136	2% Chrysotile	5
WG-1870	Window glazing	Room 137 bottom of window	Window glazing	All window in Room 137	0	5
WC-1871	Window caulking	Room 133 window right side	Window caulking	All window in Room 133	2% Chrysotile	5
WC-1872	Window caulking	Room 136 window right side	Window caulking	All window in Room 136	2% Chrysotile	5
WC-1873	Window caulking	Room 137 window right side	Window caulking	All window in Room 137	2% Chrysotile	5

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 117

Major Agency: 720
Using Agency: 706
Construction Date: 1960
Gross Sq. Feet: 44044

Area Number: 1-Description: Crawlspace Tunnel

Note: The tunnels have old mag insulation in poor condition.

According to the previous Hall-Kimberll this insulation is 60% asbestos containing material.

Area Number: 2-Description: First Floor- Pipe Chases-Room 107A, 117A, 127A 139 and 148

Note: The piping is fiberglass insulation with mud elbow

According to the previous Hall-Kimberll this insulation is asbestos containing material.

Area Number: 3-Description: Second Floor- Pipe Chases-Room 207A, 216A, 230A and 249A

Note: The piping is fiberglass insulation with mud elbow

According to the previous Hall-Kimberll this insulation is asbestos containing material.

Area Number: 4-Description: First Floor- Exposed Piping

Note: The water pipes consist of fiberglass lines with suspect Material on the joints and tees.

Area Number: 5-Description: Permanent Ceiling-First and Second Floor
 Note: The sprayed on ceiling acoustical.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
First Floor -- Throughout	sprayed acoustical plaster	3	21150.00	15	*****	74025.00	285525.00
First Floor -- Throughout	sprayed acoustical plaster	3	21150.00	15	*****	74025.00	285525.00
Area Total:						*****	571050.00

Area Number: 6-Description: First Floor- Semi permanent Ceilings
 Notes: There is a 2x4 drop ceiling found in only 5 middle rooms
 Of the I Unit. The 1x1 ceiling tiles are found only in the stairwells.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
---------------------------------------	-------------------------	----------	-----	-----	--------	---------	-------

No Asbestos Samples For This Area.

Total: 571050.00

HOLMES ENVIRONMENTAL, INC.
1600 East Little Creek Road, Suite 308
Norfolk, Virginia 23518
Office 757-587-1164 Fax 757-587-1352
E-Mail : henvinc@aol.com
Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 2, 2000
DATE OF ANALYSIS: July 24, 2000
DATE OF REPORT: July 27, 2000

CLIENT PROJECT NAME: Building 117, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
1785	117-1/ White and tan floor tile	NAD	3% Cellulose 97% Non-fibrous
1786	117-1A/ Black mastic	5% Chrysotile	95% Non-fibrous
1787	117-2/ White and tan floor tile	NAD	5% Cellulose 95% Non-fibrous
1788	117-2A/ Black mastic	2% Chrysotile	98% Non-fibrous
1789	117-3/ White and tan floor tile	NAD	100% Non-fibrous
1790	117-3A/ Black mastic	2% Chrysotile	98% Non-fibrous
1791	117-4/ Lt brown floor tile	NAD	100% Non-fibrous
1792	117-5/ Lt brown floor tile	NAD	100% Non-fibrous
1793	117-6/ Lt brown floor tile	NAD	100% Non-fibrous
1794	117-7/ Brown sheet vinyl	15% Chrysotile	5% Fiberglass 10% Cellulose 70% Non-fibrous
1795	117-8/ Brown sheet vinyl	15% Chrysotile	5% Fiberglass 10% Cellulose 70% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 117, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
1796	117-9/ Brown sheet vinyl	15% Chrysotile	5% Fiberglass 10% Cellulose 70% Non-fibrous
1797	117-10/ Tan sheet vinyl	NAD	10% Fiberglass 20% Cellulose 70% Non-fibrous
1798	117-11/ Tan sheet vinyl	NAD	10% Fiberglass 20% Cellulose 70% Non-fibrous
1799	117-12/ Tan sheet vinyl	NAD	10% Fiberglass 20% Cellulose 70% Non-fibrous
1800	117-12A/ Glue	NAD	100% Non-fibrous
1801	117-13/ White sheet vinyl	NAD	10% Fiberglass 20% Cellulose 70% Non-fibrous
1802	117-14/ White sheet vinyl	NAD	10% Fiberglass 20% Cellulose 70% Non-fibrous
1803	117-14A/ Glue	NAD	100% Non-fibrous
1804	117-15/ White sheet vinyl	NAD	10% Fiberglass 20% Cellulose 70% Non-fibrous
1805	117-16/ White sheet vinyl	NAD	10% Fiberglass 20% Cellulose 70% Non-fibrous
1806	117-16A/ Glue	NAD	100% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 117, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
1807	117-17/ White sheet vinyl	NAD	10% Fiberglass 20% Cellulose 70% Non-fibrous
1808	117-17A/ Glue	NAD	100% Non-fibrous
1809	117-18/ White plaster	NAD	100% Non-fibrous
1810	117-18A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1841	117-19/ White plaster	NAD	100% Non-fibrous
1842	117-19A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1843	117-20/ White plaster	NAD	100% Non-fibrous
1844	117-20A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1845	117-21/ White plaster	NAD	100% Non-fibrous
1846	117-21A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1847	117-22/ White plaster	NAD	100% Non-fibrous
1848	117-22A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1849	117-23/ White plaster	NAD	100% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 117, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
1850	117-23A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1851	117-24/ White plaster	NAD	100% Non-fibrous
1852	117-24A/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1853	117-25/ Sheet rock	NAD	5% Cellulose 95% Non-fibrous
1854	117-25A/ Joint compound	NAD	100% Non-fibrous
1855	117-26/ Sheet rock	NAD	10% Cellulose 90% Non-fibrous
1856	117-26A/ Joint compound	NAD	100% Non-fibrous
1857	117-27/ Sheet rock	NAD	10% Cellulose 90% Non-fibrous
1858	117-27A/ Joint compound	NAD	100% Non-fibrous
1859	117-28/ Black rubber	NAD	100% Non-fibrous
1860	117-28A/ Brown glue	NAD	100% Non-fibrous
1861	117-29/ Black rubber	NAD	100% Non-fibrous
1862	117-29A/ Brown glue	NAD	100% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 117, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
1863	117-30/ Black rubber	NAD	100% Non-fibrous
1864	117-30A/ Brown glue	NAD	100% Non-fibrous
1865	117-31/ White core of wood fire door	NAD	30% Cellulose 70% Non-fibrous
1866	117-32/ White core of wood fire door	NAD	30% Cellulose 70% Non-fibrous
1867	117-33/ White core of wood fire door	NAD	30% Cellulose 70% Non-fibrous
1868	117-34/ Window glazing	2% Chrysotile	98% Non-fibrous
1869	117-35/ Window glazing	2% Chrysotile	98% Non-fibrous
1870	117-36/ Window glazing	NAD	100% Non-fibrous
1871	117-37/ Window caulking	2% Chrysotile	98% Non-fibrous
1872	117-38/ Window caulking	2% Chrysotile	98% Non-fibrous
1873	117-39/ Window caulking	2% Chrysotile	98% Non-fibrous

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CLIENT: DMHMRSAS

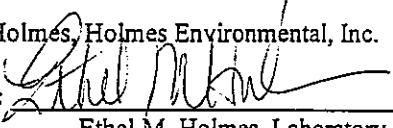
CLIENT PROJECT NAME: Building 117, Western State Hospital, Staunton, Va

REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature:


Ethel M. Holmes, Laboratory Director

Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND: NAD: no asbestos detected SCF: suspected ceramic fibers

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 1 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1785	Floor tile	Room 100 West wall	12 x 12 floor tile white with tan	838 sq. ft.	0	
VAT-1787	Floor tile	Room 141 N.W. corner	12 x 12 floor tile white with tan	15 sq. ft.	0	
VAT-1789	Floor tile	Room 237 N.E. corner	12 x 12 floor tile white with tan	138 sq. ft.	0	
VAT-1791	Floor tile	Room 102 S.W. corner	9 x 9 floor tile light brown with white	86 sq. ft.	0	
VAT-1792	Floor tile	Room 102 N.W. corner	9 x 9 floor tile light brown with white	86 sq. ft.	0	
VAT-1793	Floor tile	Room 142 S.E. corner	9 x 9 floor tile light brown with white	182 sq. ft.	0	
VS-1797	Sheet vinyl	Room 103 N.E. corner	Tan sheet vinyl	86 sq. ft.	0	
VS-1798	Sheet vinyl	Room 115 S.E. corner	Tan sheet vinyl	132 sq. ft.	0	
VS-1799	Sheet vinyl	Room 208 N.E. corner	Tan sheet vinyl	133 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 2 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-1800	Glue	Room 208 N.E. corner	Brown glue	133 sq. ft.	0	
VS-1801	Sheet vinyl	Room 119 South wall	White sheet vinyl	83 sq. ft.	0	
VS-1802	Sheet vinyl	Room 123 S.E. corner	White sheet vinyl	91 sq. ft.	0	
GM-1803	Glue	Room 123 S.E. corner	Brown glue	91 sq. ft.	0	
VS-1804	Sheet vinyl	Room 144 S.E. corner	White sheet vinyl	182 sq. ft.	0	
VS-1805	Sheet vinyl	Room 150 West wall	White sheet vinyl	134 sq. ft.	0	
GM-1806	Glue	Room 150 West wall	Brown glue	134 sq. ft.	0	
VS-1807	Sheet vinyl	Room 203 N.E. corner	White sheet vinyl	86 sq. ft.	0	
GM-1808	Glue	Room 203 N.E. corner	Brown glue	86 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 3 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1809	Plaster	Room 101 East wall	Plaster white finish coat	87 sq. ft.	0	
PU-1810	Plaster	Room 101 East wall	Plaster brown under coat	87 sq. ft.	0	
PL-1841	Plaster	Room 109 South wall	Plaster white finish coat	237 sq. ft.	0	
PU-1842	Plaster	Room 109 South wall	Plaster brown under coat	237 sq. ft.	0	
PL-1843	Plaster	Room 127 North wall	Plaster white finish coat	33 sq. ft.	0	
PU-1844	Plaster	Room 127 North wall	Plaster brown under coat	33 sq. ft.	0	
PL-1845	Plaster	Room 127B South wall	Plaster white finish coat	139 sq. ft.	0	
PU-1846	Plaster	Room 127B South wall	Plaster brown under coat	139 sq. ft.	0	
PL-1847	Plaster	Room 131 West wall	Plaster white finish coat	91 sq. ft.	0	
PU-1848	Plaster	Room 131 West wall	Plaster brown finish coat	91 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000
Inspector Name: Brian Jones

Page 4 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1849	Plaster	Room 213 West wall	Plaster white finish coat	27 sq. ft.	0	
PU-1850	Plaster	Room 213 West wall	Plaster brown under coat	27 sq. ft.	0	
PL-1851	Plaster	Room 222 West wall	Plaster white finish coat	91 sq. ft.	0	
PU-1852	Plaster	Room 222 West wall	Plaster brown under coat	91 sq. ft.	0	
SH-1853	Sheet rock	Room R West wall	Sheet rock	172 sq. ft.	0	
JC-1854	Joint compound	Room R West wall	Joint compound	172 sq. ft.	0	
SH-1855	Sheet rock	Room S South wall	Sheet rock	177 sq. ft.	0	
JC-1856	Joint compound	Room S South wall	Joint compound	177 sq. ft.	0	
SH-1857	Sheet rock	Room S East wall	Sheet rock	177 sq. ft.	0	
JC-1858	Joint compound	Room S East wall	Joint compound	177 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 5 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
BB-1859	Cove base	Room 114 N.E. corner	Black cove base	43 sq. ft.	0	
GM-1860	Glue	Room 114 N.E. corner	Brown glue	43 sq. ft.	0	
BB-1861	Cove base	Room 121 N.E. corner	Black cove base	91 sq. ft.	0	
GM-1862	Glue	Room 121 N.E. corner	Brown glue	91 sq. ft.	0	
BB-1863	Cove base	Room 215 South wall	Black cove base	59 sq. ft.	0	
GM-1864	Glue	Room 215 South wall	Brown glue	59 sq. ft.	0	
WD-1865	Wood	Room 6A Door	Core of wood fire door white	1 Door	0	
WD-1866	Wood	Room 6D Door	Core of wood fire door white	1 Door	0	
WD-1867	Wood	Room 6E Door	Core of wood fire door white	1 Door	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 6 of 6

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
WG-1870	Window glazing	Room 137 bottom of window	Window glazing	All window in Room 137	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET



ATTN: Lynn Wilkens

COMPANY: _____

SUBJECT: Dept of Mental

Health - Asbestos fire door.

DATE: 8/21/00

FROM: Debbie Wagner

PHONE: 1-800-678-8910

FAX: 1-920-487-3636

Lynn -

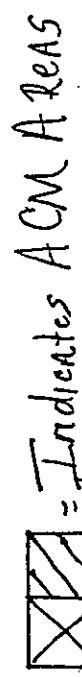
Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

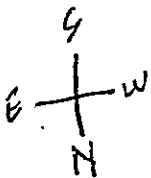
Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1

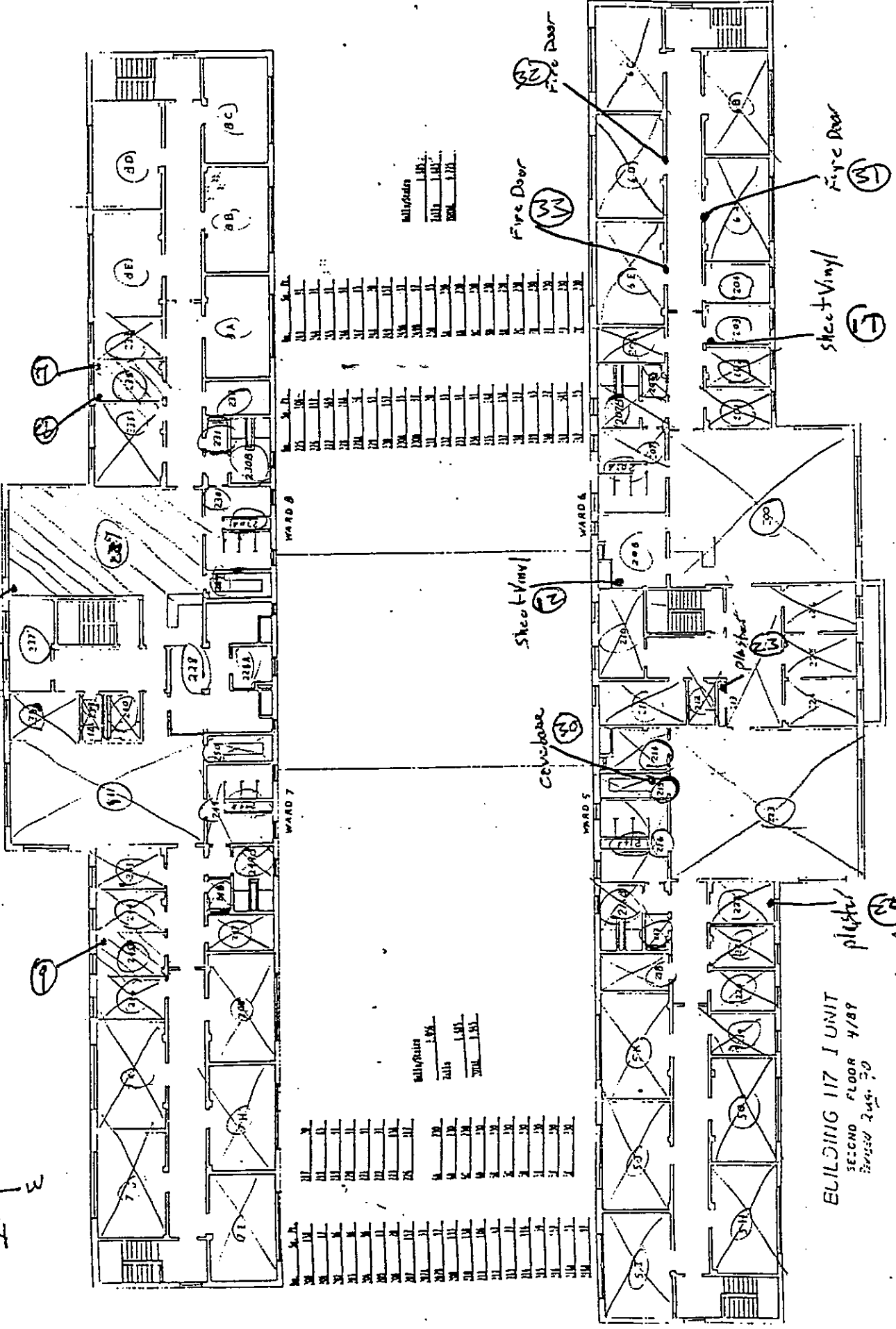
IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.

Debbie Wagner





6-11
6-12
③



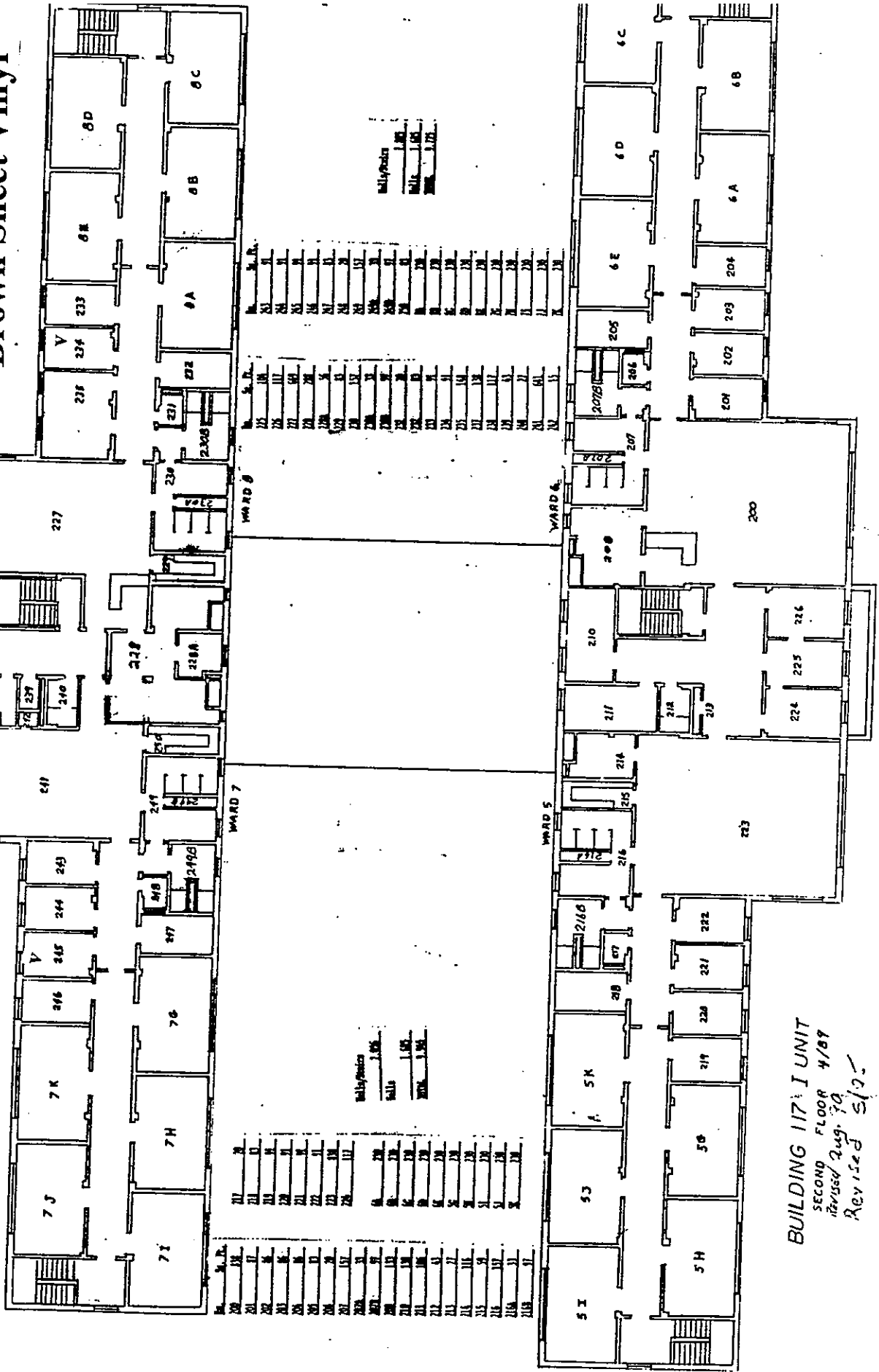
BUILDING 117 I UNIT
SECOND FLOOR 4/89
REVISED 2/90 30
plaster ③②
X = Indicates ACM Area

Room	Area
117-1	1.00
117-2	1.00
117-3	1.00

Room	Area
117-4	1.00
117-5	1.00
117-6	1.00

V= Brown sheet vinyl

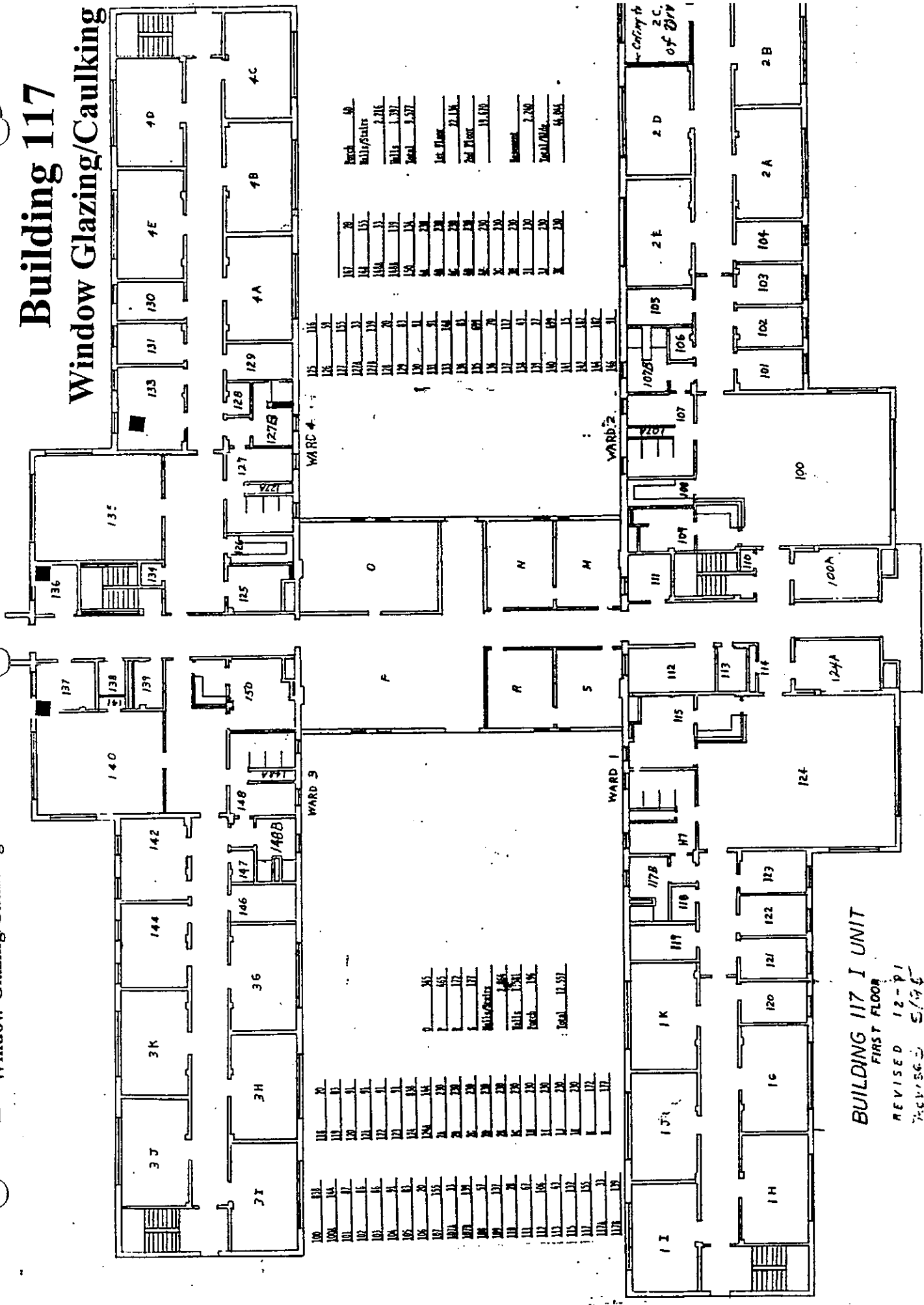
Building 117 Brown Sheet Vinyl



BUILDING 117 I UNIT
SECOND FLOOR 4/89
V.C. S. 5/02
Rev 152

■ = Window Glazing/Caulking

Building 117 Window Glazing/Caulking



Room	10
Bed	10
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	20
Bed	20
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	30
Bed	30
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	40
Bed	40
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	50
Bed	50
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	60
Bed	60
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	70
Bed	70
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	80
Bed	80
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	90
Bed	90
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	100
Bed	100
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	110
Bed	110
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	120
Bed	120
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	130
Bed	130
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	140
Bed	140
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	150
Bed	150
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	160
Bed	160
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	170
Bed	170
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	180
Bed	180
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	190
Bed	190
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	200
Bed	200
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	210
Bed	210
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	220
Bed	220
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	230
Bed	230
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	240
Bed	240
Hall/Storage	2,216
Hall	1,307
Total	3,523

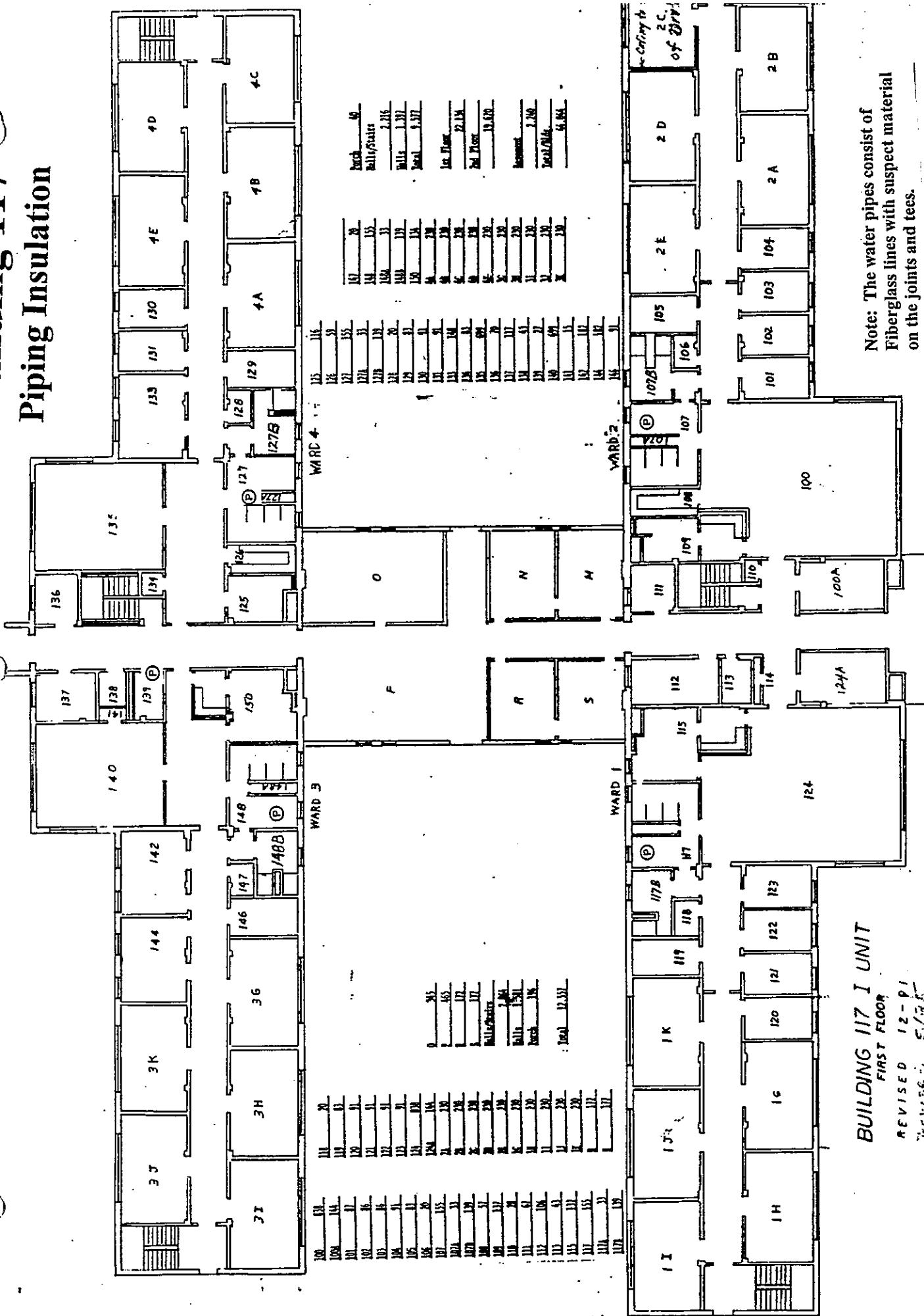
Room	250
Bed	250
Hall/Storage	2,216
Hall	1,307
Total	3,523

Room	260
Bed	260
Hall/Storage	2,216
Hall	1,307
Total	3,523

BUILDING 117 I UNIT
FIRST FLOOR
REVISED 12-91
REVISED 5/95

Building 117

Piping Insulation



Back	10
Bull/State	2,216
Bull/	1,317
Total	3,533

1st Floor	22,134
2nd Floor	13,130
Basement	2,140
Total/Total	37,404

101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
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Note: The water pipes consist of Fiberglass lines with suspect material on the joints and tees.

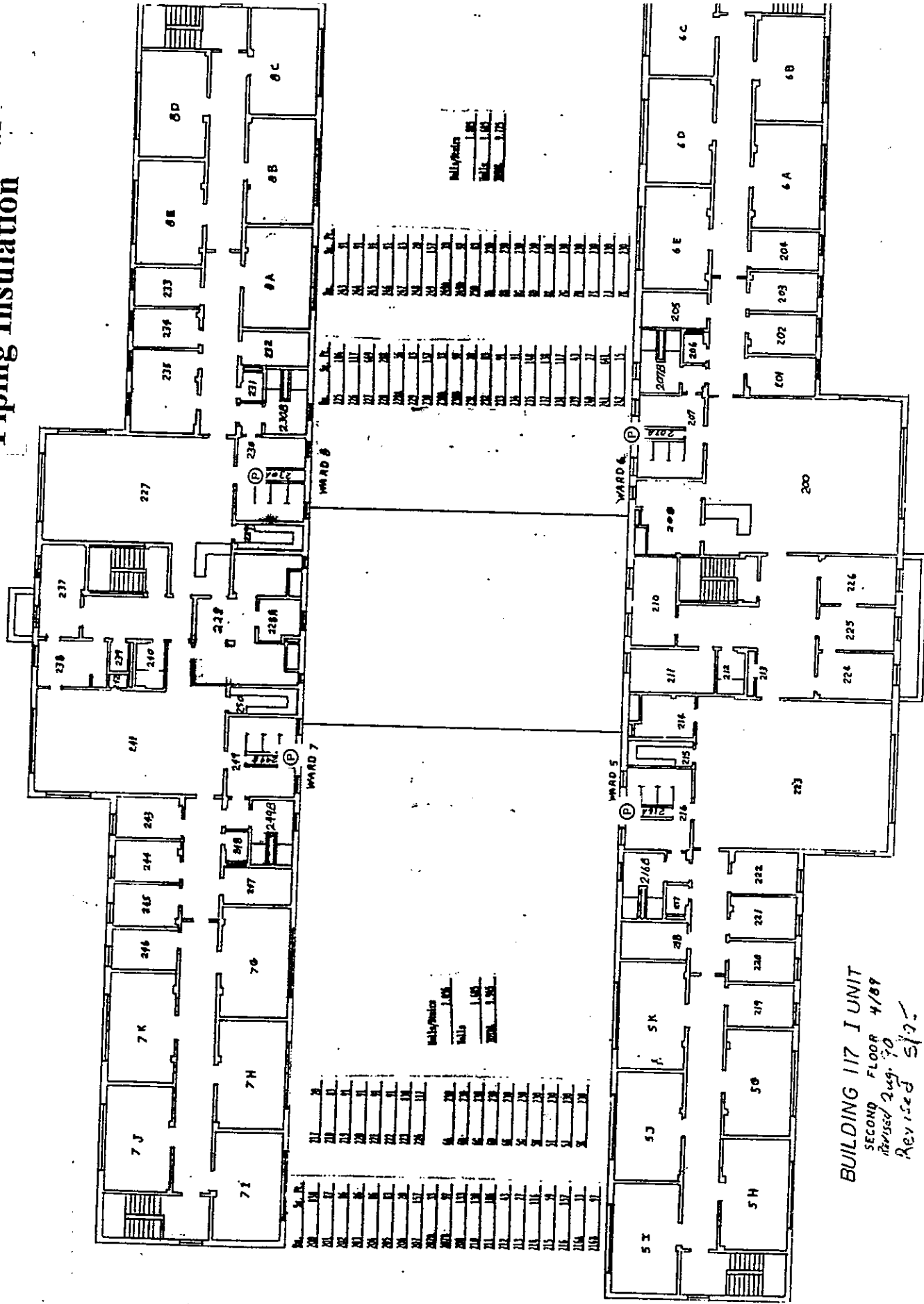
BUILDING 117 I UNIT
FIRST FLOOR
REVISED 12-91
7/2/95

117

©=Piping Insulation

Building 117

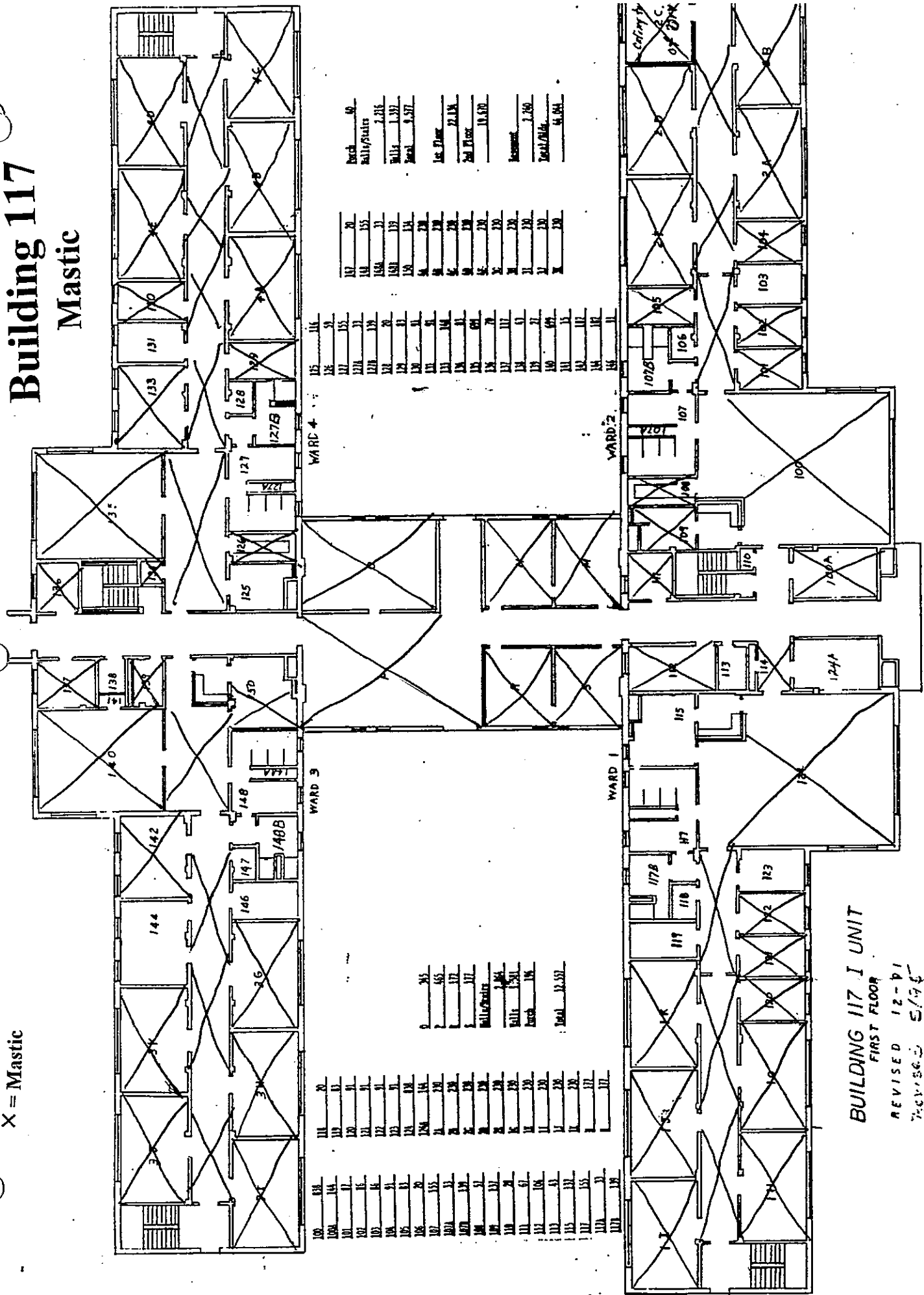
Piping Insulation



BUILDING 117 I UNIT
SECOND FLOOR 4/89
Revised Aug. 90
5/92

X = Mastic

Building 117 Mastic



Bed	40
Bath/Toilet	7.815
Bath	1.391
Bed	5.571
Inc. Floor	72.134
Bed Floor	13.570
Bed	2.760
Bed/Bath	44.641

117	20
118	155
119	31
120	139
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122	128
123	230
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0	263
1	465
2	177
3	101
4	2.244
5	1.581
6	186
7	12.552

111	20
112	144
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200	11

BUILDING 117 I UNIT

FIRST FLOOR

REVISED 12-91

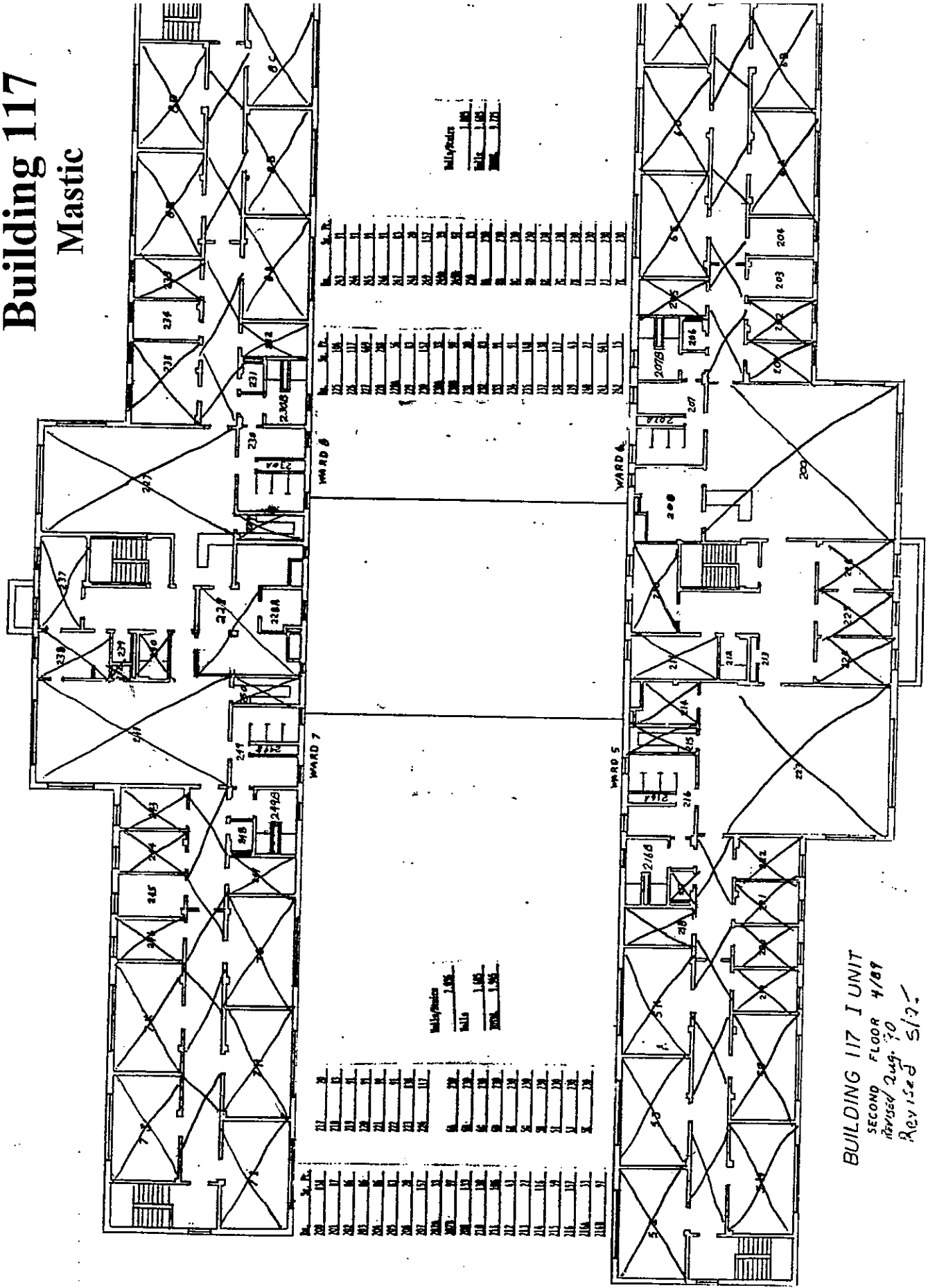
7/9/95 5/9/95

117

X = Mastic

Building 117

Mastic



BUILDING 117 I UNIT
SECOND FLOOR 4/89
Revised Aug. 90
Revised 5/92

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000
Inspector Name: Brian Jones

Page 1 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-1786	Mastic	Room 100 West wall	Black mastic under the floor tile	838 sq. ft.	5% Chrysotile	5
MA-1788	Mastic	Room 141 N.W. corner	Black mastic under the floor tile	15 sq. ft.	2% Chrysotile	5
MA-1790	Mastic	Room 237 N.E. corner	Black mastic under the floor tile	138 sq. ft.	2% Chrysotile	5
VS-1794	Sheet vinyl	Room 234 S.E. corner	Brown sheet vinyl	91 sq. ft.	15% Chrysotile	5
VS-1795	Sheet vinyl	Room 234 N.E. corner	Brown sheet vinyl	91 sq. ft.	15% Chrysotile	5
VS-1796	Sheet vinyl	Room 245 S.E. corner	Brown sheet vinyl	91 sq. ft.	15% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000
Inspector Name: Brian Jones

Page 2 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
WG-1868	Window glazing	Room 133 bottom of window	Window glazing	All window in Room 133	2% Chrysotile	5
WG-1869	Window glazing	Room 136 bottom of window	Window glazing	All window in Room 136	2% Chrysotile	5
WC-1871	Window caulking	Room 133 window right side	Window caulking	All window in Room 133	2% Chrysotile	5
WC-1872	Window caulking	Room 136 window right side	Window caulking	All window in Room 136	2% Chrysotile	5
WC-1873	Window caulking	Room 137 window right side	Window caulking	All window in Room 137	2% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000
Inspector Name: Brian Jones

Page 3 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-HK-01	Insulation	Crawlspace Tunnel	Piping covering	242 lf.	See HK report	1
IN-HK-02	Insulation	Room 107A	Piping covering	14 lf.	See HK report	1
IN-HK-03	Insulation	Room 117A	Piping covering	15 lf.	See HK report	1
IN-HK-04	Insulation	Room 127A	Piping covering	15 lf.	See HK report	1
IN-HK-05	Insulation	Room 139	Piping covering	4 lf.	See HK report	1
IN-HK-06	Insulation	Room 148A	Piping covering	15 lf.	See HK report	1
IN-HK-07	Insulation	Room 207A	Piping covering	5 lf.	See HK report	1
IN-HK-08	Insulation	Room 216A	Piping covering	5 lf.	See HK report	1

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 117

Date: March 25, 2000

Inspector Name: Brian Jones

Page 4 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-HK-09	Insulation	230A	Piping covering	5 lf.	See HK report	1
IN-HK-10	Insulation	Room 249A	Piping covering	14 lf.	See HK report	1
IN-HK-11	Insulation	First Floor	Piping covering	See HK report	See HK report	1
PS-HK-01	Permanent Ceiling	First/Second Floor	Sprayed acoustical plaster	See HK report	See HK report	5
CT-HK-01	Ceiling Tile	Five (5) Middle Room of the I Unit	2x4 drop ceiling	See HK report	See HK report	5

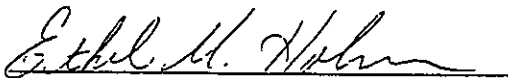
STATEMENT FOR ASBESTOS ASSESSMENT REPORT

The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia has been prepared and covers the following Building 117 Resident Care I Unit. I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.


Asbestos Inspector

3303 000407
License Number

AUG 2000
Date

BUILDING 119

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 1 of 7
Building No.: Building 119 Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-1874	Pipe Insulation	Basement mech. room N.E. corner in brick work	White magnesium pipe insulation	1 SF	20% Chrysotile 10% Amosite	1
IN-1875	Pipe Insulation	Basement mech. room N.E. corner in brick work	White magnesium pipe insulation	1 SF	20% Chrysotile 10% Amosite	1
CM-1876	Cork Material	Basement mech. room S. W. corner	Brown Cork Material			
CM-1877	Cork Material	Basement mech. Room Center of room	Brown Cork Material		0	
CM-1878	Cork Material	Basement mech. Room N. W. corner	Brown Cork Material		0	
VAT-1879	Floor Tile	Basement Hall West wall near lockers	White 12'x12' with gray	750 sq. ft.	0	
VAT-1880	Floor Tile	Basement Hall Exit door N.E. corner	White 12'x12' with gray	750 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 119

Date: March 2000
Inspector Name: Brian Jones

Page 2 of 7

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1881	Floor Tile	Basement Hall Exit door S.E. corner	White 12'x12' with gray	36 sq. ft.	0	
VAT-1882	Floor Tile	Room 131 S. E. corner	White 9'x 9' with tan	150 sq. ft.	5% Chrysotile	5
VAT-1883	Floor Tile	Room 131 N. W. corner	White 9'x 9' with tan	150 sq. ft.	5% Chrysotile	5
VAT-1884	Floor Tile	Room 132 N. W. corner	White 9'x 9' with tan	130 sq. ft.	5% Chrysotile	5
GM-1885	Mastic	Room 131 S. E. Corner	Black mastic	150 sq. ft.	5% Chrysotile	5
GM-1886	Mastic	Room 132 N. W. Corner	Black mastic	130 sq. ft.	5% Chrysotile	5
GM-1887 A	Mastic	Basement Hall Exit door S. E. Corner	Black mastic	36 sq. ft.	5% Chrysotile	5
GM-1887 B	Glue	Basement Hall Exit door S. E. Corner	Tan Glue	36 sq. ft.	0	
CT-1888	Ceiling Tile	Room 114 N.E. corner	White 2'x 4' ceiling tiles	234 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 119

Date: March 2000
Inspector Name: Brian Jones

Page 3 of 7

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1889	Ceiling Tile	Room 116 S. E. corner	White 2'x 4' ceiling tiles	224 sq. ft.	0	
CT-1890	Ceiling Tile	Room 135 Center of room	White 2'x 4' ceiling tiles	422 sq. ft.	0	
CT-1891	Ceiling Tile	Room 109 Center of room	White 2'x 4' ceiling tiles	483 sq. ft.	0	
CT-1892	Ceiling Tile	Room 117 N.W. corner	White 2'x 4' ceiling tiles	132 sq. ft.	0	
CT-1893	Ceiling Tile	Room 152 S. E. corner	White 2'x 4' ceiling tiles	721 sq. ft.	0	
PL-1894	Plaster	Room 101 West wall light Switch	White Wall Plaster	582 sq. ft.	0	
PU-1895	Plaster Undercoat	Room 101 West wall light Switch	Brown Undercoat	582 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 4 of 7
Building No.: Building 119 Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1896	Plaster	Room 105 West wall outlet	White Wall Plaster	232 sq. ft.	0	
PU-1897	Plaster Undercoat	Room 105 West wall outlet	Brown Undercoat	232 sq. ft.	0	
PL-1898	Plaster	Room 108 N.E. corner under Radiator	White Wall Plaster	4474 sq. ft.	0	
PU-1899	Plaster Undercoat	Room 108 N. E. corner under Radiator	Brown Undercoat	4474 sq. ft.	0	
PL-1900	Plaster	Room 108 West wall under Radiator	White Wall Plaster	4474 sq. ft.	0	
PU-1901	Plaster Undercoat	Room 108 West wall under Radiator	Brown Undercoat	4474 sq. ft.	0	
PL-1902	Plaster	Room 118 N.W. corner under Radiator	White Wall Plaster	2574 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton **Date:** March 2000 **Page 5 of 7**
Building No.: Building 119 **Inspector Name:** Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PU-1903	Plaster Undercoat	Room 118 N. W. corner under Radiator	Brown Undercoat	2574 sq. ft.	0	
PL-1904	Plaster	Room 131 S. E. under cove base	White Wall Plaster	150 sq. ft.	0	
PU-06 *1905	Plaster Undercoat	Room 131 S.E. under cove base	Brown Undercoat	150 sq. ft.	0	
PL-1906	Plaster	Room 132 West wall under light plate	White Wall Plaster	130 sq. ft.	0	
PU-1907	Plaster Undercoat	Room 132 West wall under light plate	Brown Undercoat	130 sq. ft.	0	
SR-1908	Sheetrock	Room 112 N. wall outlet	Sheetrock walls with joint compound	252 sq. ft.	0	
JC-1909	Joint Compound	Room 112	Joint Compound between sheetrock walls	252 sq. ft.	2% Chrysotile	5
SR-1910	Sheetrock	Room 116 W. wall light switch	Sheetrock walls with joint compound	224 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 6 of 7
Building No.: Building 119 Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
JC-1909	Joint Compound	Room 112	Joint Compound between sheetrock walls	252 sq. ft.	2% Chrysotile	5
SR-1912	Sheetrock	Room 118 N. wall outlet	Sheetrock walls with joint compound	2574 sq. ft.	0	
JC-1913	Joint Compound	Room 118 N. wall outlet	Joint Compound between sheetrock walls	2574 sq. ft.	2% Chrysotile	5
CB-1914	Cove base	Basement Hall West wall 20' from stairs	Black cove base	36 sq. ft.	0	
CB-1915	Cove base	Room 131 S. E. corner	Black cove base	150 sq. ft.	0	
CB-1916	Cove base	Room 132 N.W. corner	Black cove base	130 sq. ft.	0	
GM-1917	Glue	Basement Hall West wall 20' from Stairs	Brown cove base	36 sq. ft.	0	
GM-1918	Glue	Room 131 S.E. corner	Brown cove base	150 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 119

Date: March 2000
Inspector Name: Brian Jones

Page 7 of 7

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-03	Glue	Room 132 N.W. corner	Brown cove base	130 sq. ft.	0	

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 119

Major Agency: 720
Using Agency: 706
Construction Date: 1964
Gross Sq. Feet: 38526

Area Number: 1-Description: Basement --Mechanical Room

In the northeast corner, two pipelines go through the brickwork into the crawlspace.
At this spot there are approximately one liner foot of mag. pipe covering insulation.

HOLMES ENVIRONMENTAL, INC.
1600 East Little Creek Road, Suite 308
Norfolk, Virginia 23518
Office 757-587-1164 Fax 757-587-1352
E-Mail : henvinc@aol.com
Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 2, 2000
DATE OF ANALYSIS: July 6, 2000
DATE OF REPORT: July 6, 2000

CLIENT PROJECT NAME: Building 119, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1874	119-1/ Pipe Insulation	20% Chrysotile 10% Amosite	10% Cellulose 60% Non-Fibrous
1875	119-2/ Pipe Insulation	20% Chrysotile 10% Amosite	10% Cellulose 60% Non-Fibrous
1876	119-3/ Brown Cork Material	NAD	100% Cellulose
1877	119-4/ Brown Cork Material	NAD	100% Cellulose
1878	119-5/ Brown Cork Material	NAD	100% Cellulose
1879	119-6/ White Floor Tile	NAD	5% Cellulose 95% Non-Fibrous
1880	119-7/ White Floor Tile	NAD	5% Cellulose 95% Non-Fibrous
1881	119-8/ White Floor Tile	NAD	5% Cellulose 95% Non-Fibrous
1882	119-9/ White Floor Tile	5% Chrysotile	5% Cellulose 90% Non-Fibrous
1883	119-10/ White Floor Tile	5% Chrysotile	5% Cellulose 90% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NUMBER: Western State Hospital, Building 119

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1884	119-11/ White Floor Tile	5% Chrysotile	5% Cellulose 90% Non-Fibrous
1885	119-12/ Mastic	5% Chrysotile	95% Non-Fibrous
1886	119-13/ Mastic	5% Chrysotile	95% Non-Fibrous
1887 a	119-14/ Mastic	5% Chrysotile	95% Non-Fibrous
1887 b	119-14/ Tan Glue	NAD	100% Non-Fibrous
1888	119-15/ Ceiling Tile	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous
1889	119-16/ Ceiling Tile	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous
1890	119-17/ Ceiling Tile	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous
1891	119-18/ Ceiling Tile	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous
1892	119-19/ Ceiling Tile	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS
CLIENT PROJECT NUMBER: Western State Hospital, Building 119

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1893	119-20/ Ceiling Tile	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous
1894	119-21/ White plaster	NAD	40% Fiberglass 40% Cellulose 20% Non-Fibrous
1895	119-21A/ Brown Plaster	NAD	5% Cellulose 95% Non-Fibrous
1896	119-22/ White Plaster	NAD	100% Non-Fibrous
1897	119-22A/ Brown Plaster	NAD	5% Cellulose 95% Non-Fibrous
1898	119-23/ White Plaster	NAD	100% Non-Fibrous
1899	119-23A/ Brown Plaster	NAD	5% Cellulose 95% Non-Fibrous
1900	119-24/ White Plaster	NAD	100% Non-Fibrous
1901	119-24A/ Brown Plaster	NAD	5% Cellulose 95% Non-Fibrous
1902	119-25/ White Plaster	NAD	100% Non-Fibrous
1903	119-25A/ Brown Plaster	NAD	5% Cellulose 95% Non-Fibrous
1904	119-26/ White Plaster	NAD	100% Non-Fibrous
1905	119-26A/ White Plaster	NAD	100% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NUMBER: Western State Hospital, Building 119

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1906	119-27/ White Plaster	NAD	100% Non-Fibrous
1907	119-27A/ Brown Plaster	NAD	5% Cellulose 95% Non-Fibrous
1908	119-28/ Sheetrock	NAD	5% Cellulose 95% Non-Fibrous
1909	119-28A/ Joint Compound	2% Chrysoytilite	2% Cellulose 96% Non-Fibrous
1910	119-29/ Sheetrock	NAD	10% Fiberglass 10% Cellulose 80% Non-Fibrous
1911	119-29A/ Joint Compound	Trace Chrysotile	10% Fiberglass 10% Cellulose 80% Non-Fibrous
1912	119-30/ Sheetrock	NAD	10% Fiberglass 10% Cellulose 80% Non-Fibrous
1913	119-30A/ Joint Compound	2% Chrysoytilite	2% Cellulose 96% Non-Fibrous
1914	119-31/ Covebase	NAD	100% Non-Fibrous
1915	119-32/ Covebase	NAD	100% Non-Fibrous
1916	119-33/ Covebase	NAD	100% Non-Fibrous
1917	119-34/ Covebase	NAD	100% Non-Fibrous

Holmes Environmental, Inc.
Office (757) 587-1164
Fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NUMBER: Western State Hospital, Building 119

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
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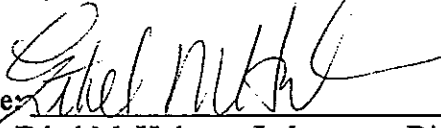
1918	119-35/ Covebase	NAD	100% Non-Fibrous
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1919	119-36/ Covebase	NAD	100% Non-Fibrous
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REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature: 

Ethel M. Holmes, Laboratory Director

Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND:	NAD: no asbestos detected	SCF: suspected ceramic fibers
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NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 1 of 6
 Building No.: Building 119 Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CM-1876	Cork Material	Basement mech. room S. W. corner	Brown Cork Material		0	
CM-1877	Cork Material	Basement mech. Room Center of room	Brown Cork Material		0	
CM-1878	Cork Material	Basement mech. Room N. W. corner	Brown Cork Material		0	
VAT-1879	Floor Tile	Basement Hall West wall near lockers	White 12'x12' with gray	36 sq. ft.	0	
VAT-1880	Floor Tile	Basement Hall Exit door N.E. corner	White 12'x12' with gray	36 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 2 of 6
Building No.: Building 119 Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1881	Floor Tile	Basement Hall Exit door S.E. corner	White 12'x12' with gray	36 sq. ft.	0	
GM-1887 B	Glue	Basement Hall Exit door S. E. Corner	Tan Glue	36 sq. ft.	0	
CT-1888	Ceiling Tile	Room 114 N.E. corner	White 2'x 4' ceiling tiles	234 sq. ft.	0	
CT-1889	Ceiling Tile	Room 116 S. E. corner	White 2'x 4' ceiling tiles	224 sq. ft.	0	
CT-1890	Ceiling Tile	Room 135 Center of room	White 2'x 4' ceiling tiles	422 sq. ft.	0	
CT-1891	Ceiling Tile	Room 109 Center of room	White 2'x 4' ceiling tiles	483 sq. ft.	0	
CT-1892	Ceiling Tile	Room 117 N.W. corner	White 2'x 4' ceiling tiles	132 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 3 of 6
 Building No.: Building 119 Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1893	Ceiling Tile	Room 152 S. E. corner	White 2'x 4' ceiling tiles	721 sq. ft.	0	
PL-1894	Plaster	Room 101 West wall light Switch	White Wall Plaster	582 sq. ft.	0	
PU-1895	Plaster Undercoat	Room 101 West wall light Switch	Brown Undercoat	582 sq. ft.	0	
PL-1896	Plaster	Room 105 West wall outlet	White Wall Plaster	232 sq. ft.	0	
PU-1897	Plaster Undercoat	Room 105 West wall outlet	Brown Undercoat	232 sq. ft.	0	
PL-1898	Plaster	Room 108 N.E. corner under Radiator	White Wall Plaster	4474 sq. ft.	0	
PU-1899	Plaster Undercoat	Room 108 N. E. corner under Radiator	Brown Undercoat	4474 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 4 of 6
 Building No.: Building 119 Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1900	Plaster	Room 108 West wall under Radiator	White Wall Plaster	4474 sq. ft.	0	
PU-1901	Plaster Undercoat	Room 108 West wall under Radiator	Brown Undercoat	4474 sq. ft.	0	
PL-1902	Plaster	Room 118 N.W. corner under Radiator	White Wall Plaster	2574 sq. ft.	0	
PU-1903	Plaster Undercoat	Room 118 N. W. corner under Radiator	Brown Undercoat	2574 sq. ft.	0	
PL-1904	Plaster	Room 131 S. E. under cove base	White Wall Plaster	150 sq. ft.	0	
PU-1905	Plaster Undercoat	Room 131 S.E. under cove base	Brown Undercoat	150 sq. ft.	0	
PL-1906	Plaster	Room 132 West wall under light plate	White Wall Plaster	130 sq. ft.	0	
PU-1907	Plaster Undercoat	Room 132 West wall under light plate	Brown Undercoat	130 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 5 of 6
Building No.: Building 119 Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SR-1908	Sheetrock	Room 112 N. wall outlet	Sheetrock walls with joint compound	252 sq. ft.	0	
SR-1910	Sheetrock	Room 116 W. wall light switch	Sheetrock walls with joint compound	224 sq. ft.	0	
SR-1912	Sheetrock	Room 118 N. wall outlet	Sheetrock walls with joint compound	2574 sq. ft.	0	
CB-1914	Cove base	Basement Hall West wall 20' from stairs	Black cove base	36 sq. ft.	0	
CB-1915	Cove base	Room 131 S. E. corner	Black cove base	150 sq. ft.	0	
CB-1916	Cove base	Room 132 N.W. corner	Black cove base	130 sq. ft.	0	
GM-1917	Glue	Basement Hall West wall 20' from Stairs	Brown cove base	36 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: Building 119
Date: March 2000
Inspector Name: Brian Jones
Page 6 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-1918	Glue	Room 131 S.E. corner	Brown cove base	150 sq. ft.	0	
GM-1919	Glue	Room 132 N.W. corner	Brown cove base	130 sq. ft.	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET

ATTN: Lynn Wilkins

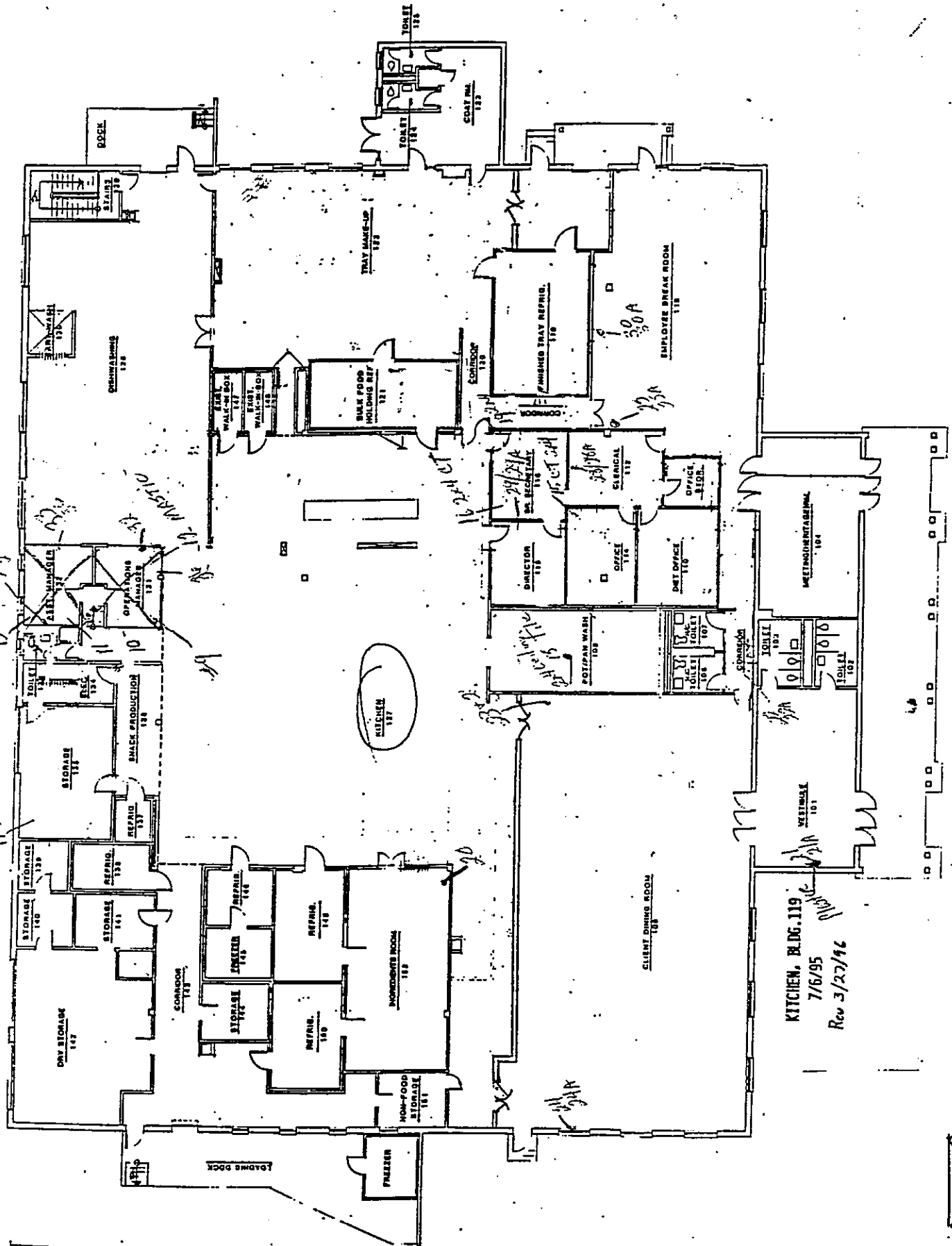
COMPANY: _____

SUBJECT: Dept of Mental
Health - Asbestos fire door.DATE: 8/21/00
FROM: Debbie Wagner
PHONE: 1-800-678-8910
FAX: 1-920-487-3636Lynn -

Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

*NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1*IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.Debbie Wagner

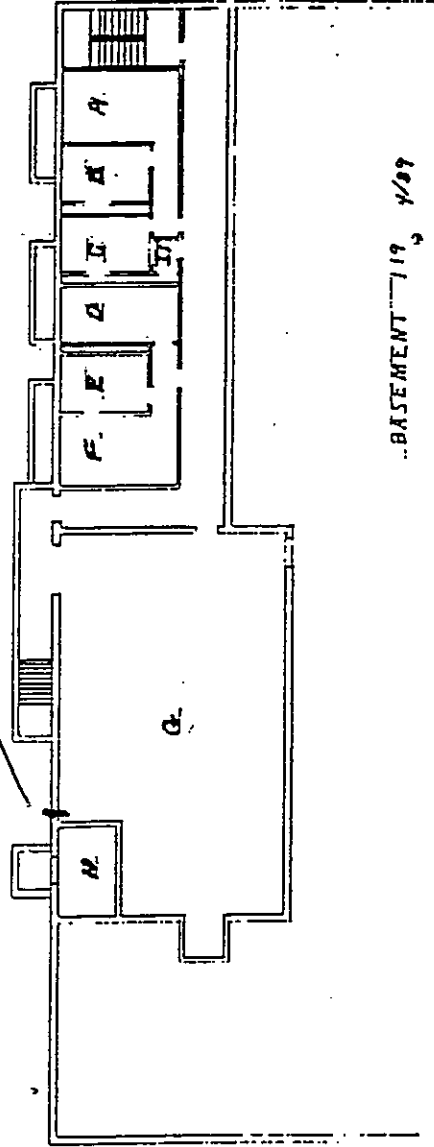


BLD	SQ. FT.
101	522
102	92
103	92
104	460
105	222
106	66
107	66
108	474
109	453
110	278
111	98
112	237
113	234
114	184
115	221
116	131
117	257
118	421
119	421
120	66
121	312
122	1648
123	336
124	41
125	41
126	11
127	451
128	141
129	268
130	198
131	136
132	136
133	46
134	111
135	412
136	216
137	71
138	120
139	81
140	100
141	113
142	748
143	548
144	134
145	136
146	133
147	65
148	65
149	243
150	259
151	120
152	71
PART.	1851
TOTAL	26328
Parties	1446
Load Dock	446
Basement	446
BLD	3111

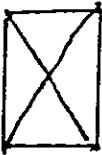
Indicates ACN Areas

BASEMENTS	
Room	Sq. Ft.
A	270
B	100
C	100
D	158
E	168
F	156
G	7040
H	116
I	15
Perct.	999
Halls	270
Tot.	8,446

1 LF neg - pipe insulation



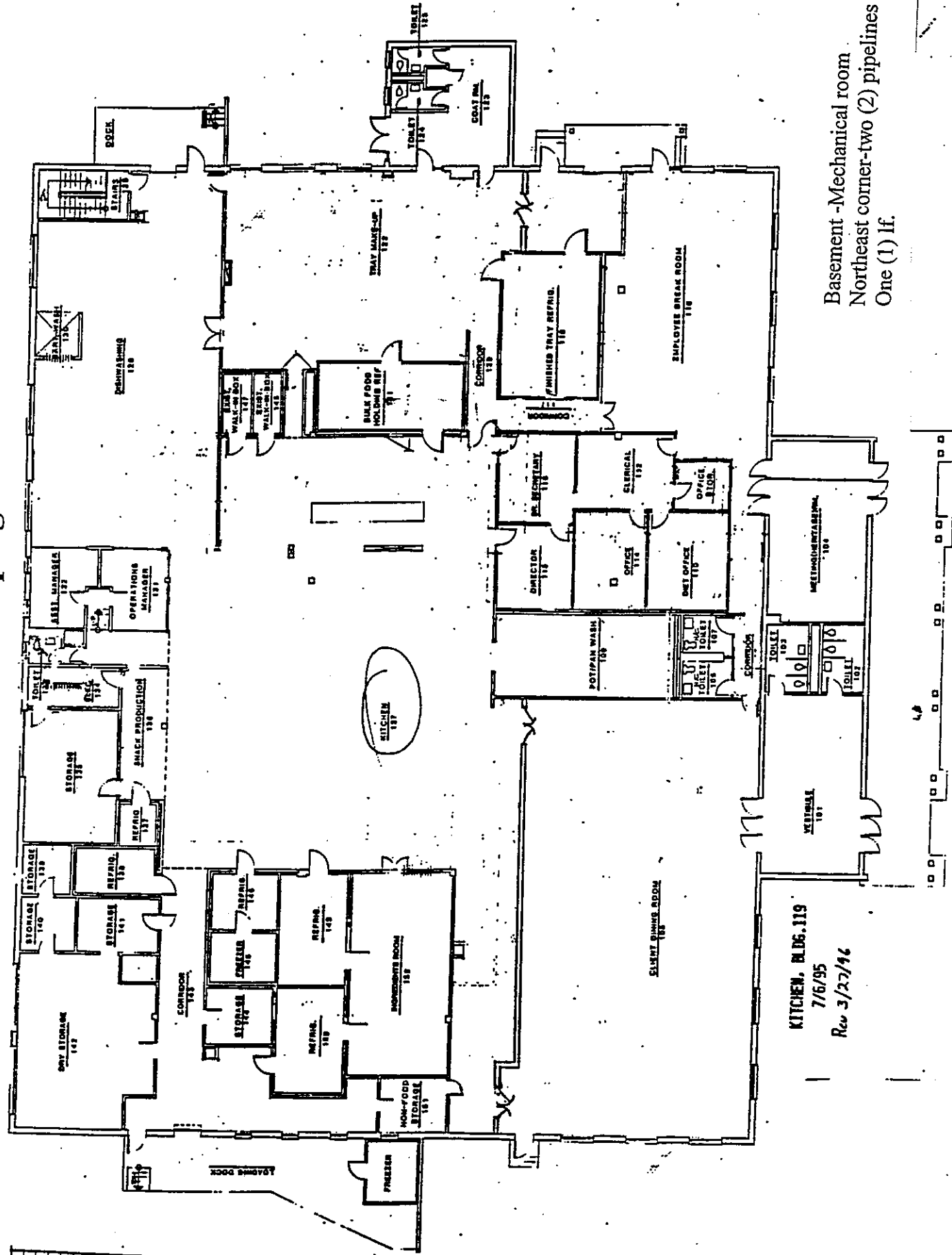
BASEMENT 19, 4/89


 = Indicates ACM Areas
 • Pipe Insulation

©=Piping Insulation

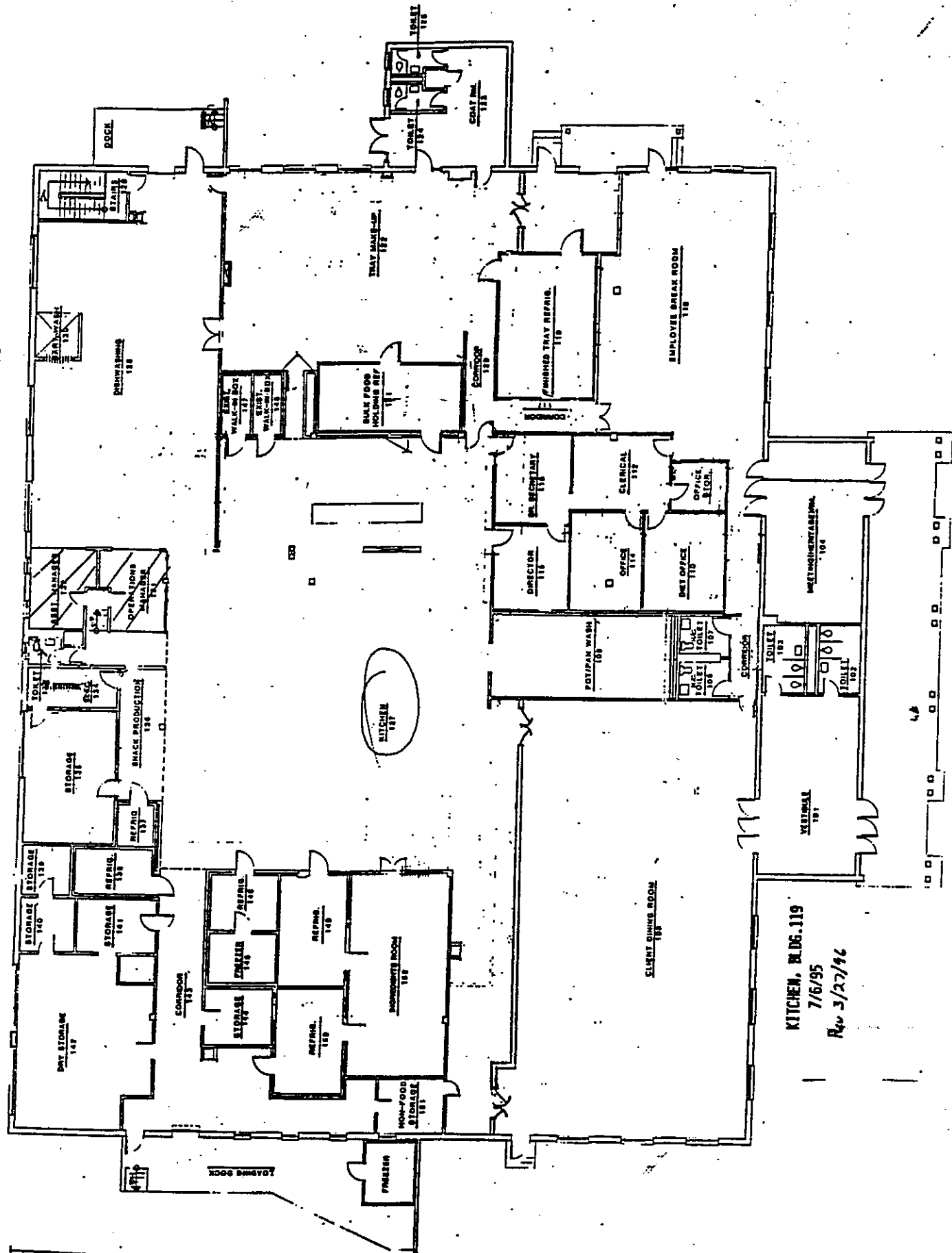
Building 119 Piping Insulation

RM	SQ. FT.
101	502
102	571
103	571
104	460
105	272
106	60
107	60
108	414
109	403
110	278
111	278
112	232
113	232
114	232
115	232
116	232
117	132
118	274
119	443
120	443
121	312
122	140
123	33
124	41
125	41
126	41
127	412
128	1413
129	240
130	140
131	130
132	130
133	130
134	130
135	130
136	216
137	74
138	130
139	130
140	130
141	130
142	740
143	540
144	130
145	130
146	130
147	65
148	65
149	203
150	254
151	130
152	71
PART.	1051
TOTAL	2672
Foodst.	1440
Load Deck	
Recessed	446
Blk.	3214



///=Floor Tile

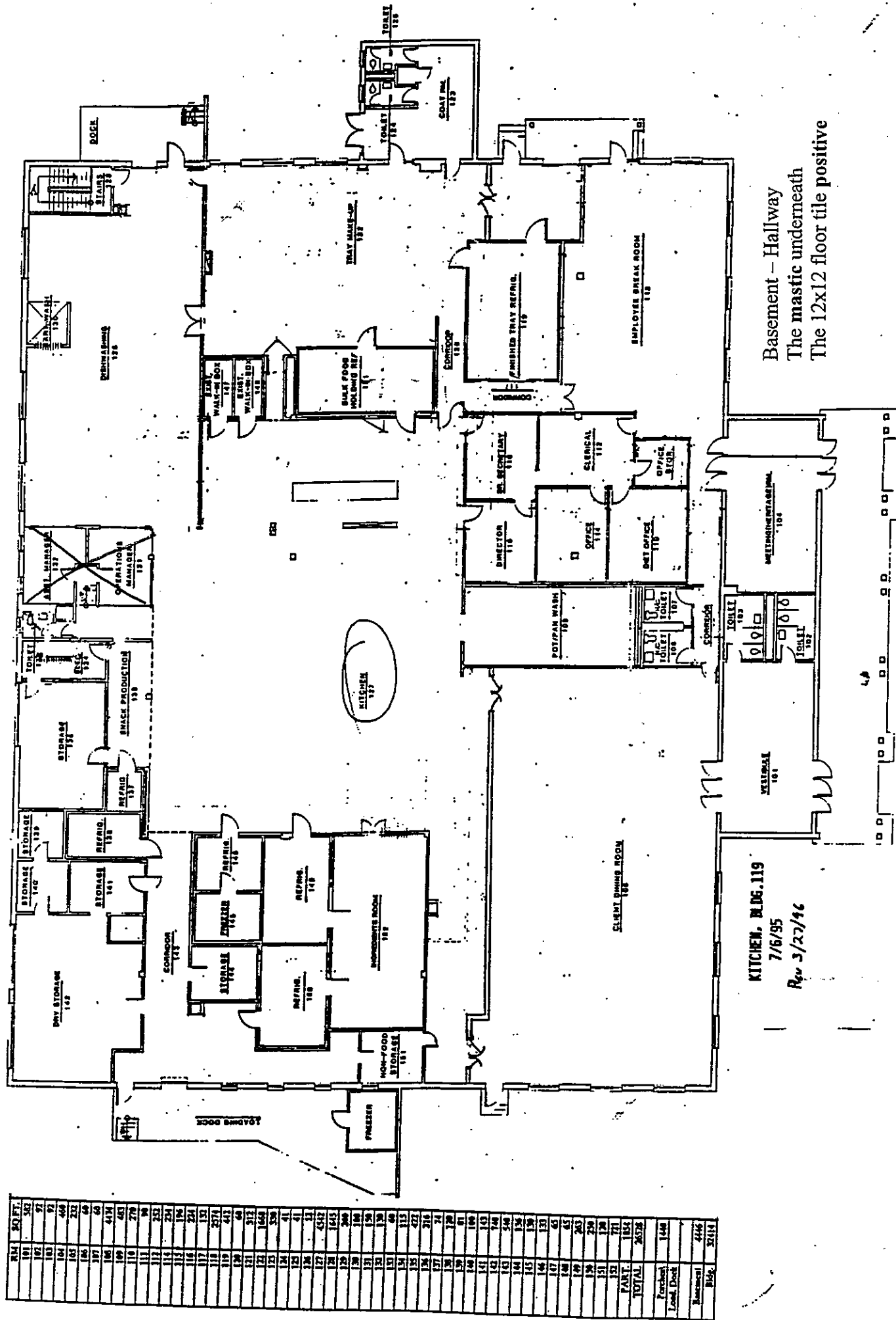
Building 119 Floor Tile



RM	SQ. FT.
101	542
102	71
103	71
104	468
105	233
106	68
107	68
108	4124
109	463
110	278
111	98
112	23
113	221
114	198
115	228
116	152
117	2371
118	441
119	64
120	64
121	312
122	1648
123	528
124	41
125	41
126	41
127	4342
128	1645
129	268
130	189
131	139
132	139
133	139
134	139
135	139
136	216
137	74
138	128
139	81
140	188
141	141
142	141
143	348
144	156
145	138
146	133
147	45
148	45
149	241
150	254
151	128
152	721
153	1854
TOTAL	24528
Partitions	1448
Lead Deck	
Barriers	4446
Subt.	31114

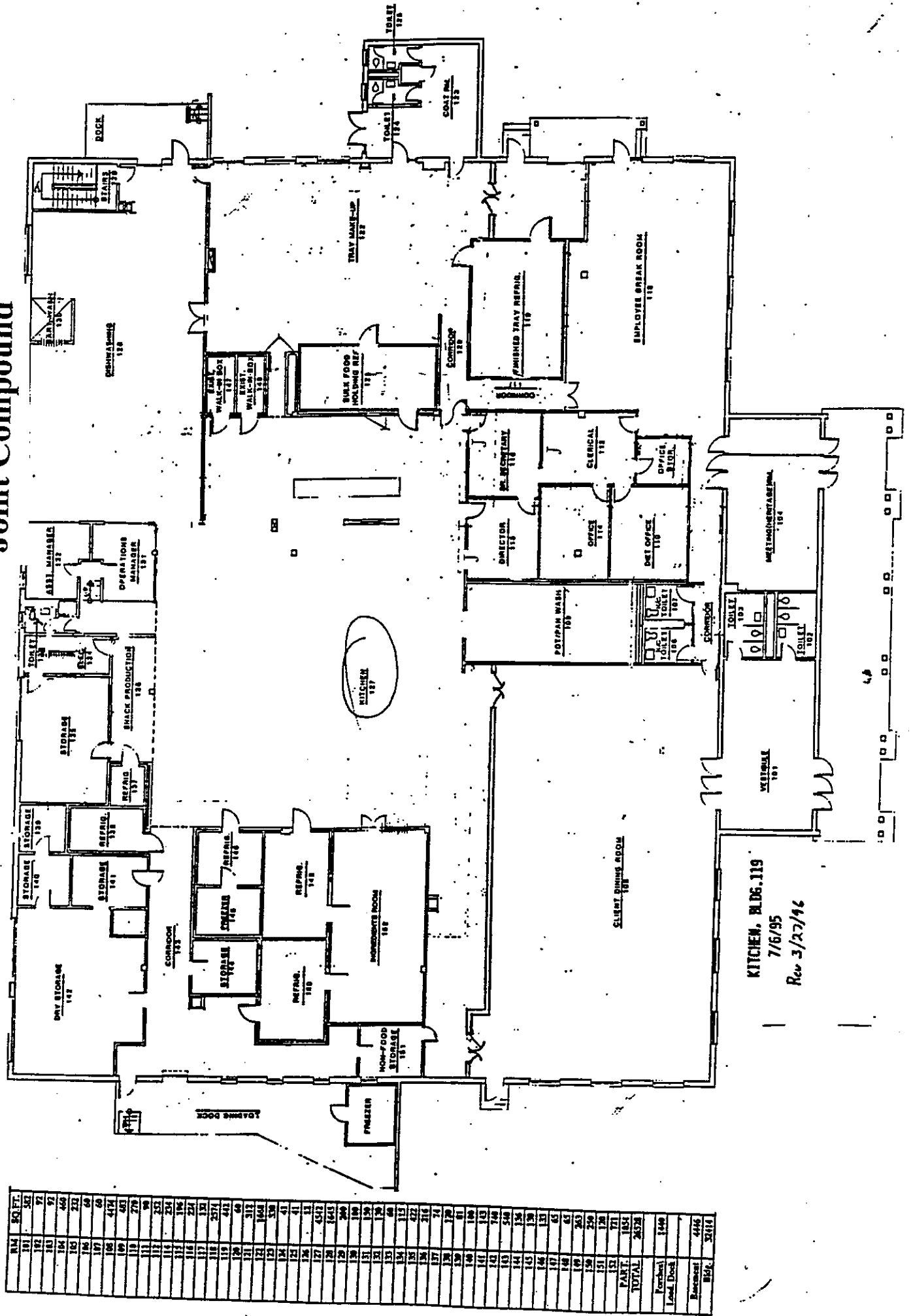
KITCHEN, BLDG. 119
7/6/95
Rev 3/27/96

X = Mastic



Basement – Hallway
The mastic underneath
The 12x12 floor tile positive

J=Joint Compound



ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 1 of 2
 Building No.: Building 119 Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-1874	Pipe Insulation	Basement mech. room N.E. corner in brick work	White magnesium pipe insulation	1 LF	20% Chrysotile 10% Amosite	1
IN-1875	Pipe Insulation	Basement mech. room N.E. corner in brick work	White magnesium pipe insulation	1 LF	20% Chrysotile 10% Amosite	1
VAT-1882	Floor Tile	Room 131 S. E. corner	White 9'x 9' with tan	150 sq. ft.	5% Chrysotile	5
VAT-1883	Floor Tile	Room 131 N. W. corner	White 9'x 9' with tan	150 sq. ft.	5% Chrysotile	5
VAT-1884	Floor Tile	Room 132 N. W. corner	White 9'x 9' with tan	130 sq. ft.	5% Chrysotile	5
GM-1885	Mastic	Room 131 S. E. Corner	Black mastic	150 sq. ft.	5% Chrysotile	5
GM-1886	Mastic	Room 132 N. W. Corner	Black mastic	130 sq. ft.	5% Chrysotile	5
GM-1887 A	Mastic	Basement Hall Exit door S. E. Corner	Black mastic	36 sq. ft.	5% Chrysotile	5
JC-1909	Joint Compound	Room 112	Joint Compound between sheetrock walls	252 sq. ft.	2% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton Date: March 2000 Page 2 of 2
Building No.: Building 119 Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	ASBESTOS DAMAGE CODE
JC-1909	Joint Compound	Room 112	Joint Compound between sheetrock walls	252 sq. ft.	2% Chrysotile	5
JC-1913	Joint Compound	Room 118 N. wall outlet	Joint Compound between sheetrock walls	2574 sq. ft.	2% Chrysotile	5
FD-01	Fire Doors	Throughout building	Fire Doors	At all stairwell and side exit	See Algoma sheet	5

STATEMENT FOR ASBESTOS ASSESSMENT REPORT

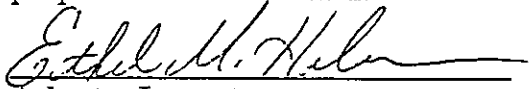
The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia has been prepared and covers the following Building 119 Food Services.

I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.


Asbestos Inspector

3303 000407
License Number

AUG 2000
Date

BUILDING 122

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 1 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1602A	Floor Tile	Room 20A S.W. corner	White 9"x 9" floor tile with tan	87 sq. ft.	10% Chrysotile	5
GM-1602 B	Mastic	Room 20A S.W. corner	Black mastic	87 sq. ft.	5% Chrysotile	5
VAT-1603	Floor Tile	Room 20C S.W. corner	White 9"x 9" floor tile with tan	87 sq. ft.	10% Chrysotile	5
VAT-1604	Floor Tile	Room 22 S.E. corner	White 9"x 9" floor tile with tan	143 sq. ft.	10% Chrysotile	5
VAT-1605 A	Floor Tile	Room 8C S.W. corner	Gray with black 9"x 9" floor tile	140 sq. ft.	10% Chrysotile	5
GM-1605 B	Mastic	Room 8C	Black mastic	140 sq. ft.	5% Chrysotile	5
VAT-1606	Floor Tile	Room 8R S.W. corner	Gray with black 9"x 9" floor tile	80 sq. ft.	5% Chrysotile	5
VAT-1607	Floor Tile	Room 8S S.W. corner	Gray with black 9"x 9" floor tile	141 sq. ft.	0	
VAT-1608	Floor Tile	Room 8F S.W. corner	Gray with black 9"x 9" floor tile	366 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 2 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1609	Floor Tile	Room 8G N.W. corner	White with tan 12"x 12" floor tile	55 sq. ft.	0	
VAT-1610	Floor Tile	Room 9J West wall	White with tan 12"x 12" floor tile	64 sq. ft.	0	
GM-1611	Mastic	Room 20A S.W. corner	Black mastic	87 sq. ft.	10% Chrysotile	5
GM-1612	Mastic	Room 20C S.W. corner	Black mastic	87 sq. ft.	5% Chrysotile	5
GM-1613	Mastic	Room 22 S.E. corner	Black mastic	143 sq. ft.	10% Chrysotile	5
CT-1614	Ceiling Tile	Room 20A S.W. corner	White 1' x 1' ceiling tiles	87 sq. ft.	0	
CT-1615	Ceiling Tile	Room 20C S.E. corner	White 1' x 1' ceiling tiles	87 sq. ft.	0	
CT-1616	Ceiling Tile	Room 27B S.W. corner	White 1' x 1' ceiling tiles	90 sq. ft.	0	
CT-1617	Ceiling Tile	Room 8A S.E. corner	White 2' x 4' ceiling tiles	95 sq. ft.	0	
CT-1618	Ceiling Tile	Room 26E N.E. corner	White 2' x 4' ceiling tiles	254 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 3 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-*1619	Ceiling Tile	Room 35L S.E. corner	White 2' x 4' ceiling tiles	117 sq. ft.	0	
PI-1620	Ceiling Plaster	Room 9G S.E. corner	White plaster ceiling	47 sq. ft.	0	
PU-1620a	Plaster Undercoat	Room 9G S.E. corner	Brown plaster	47 sq. ft.	0	
PI-1621	Ceiling Plaster	Room 11B N. W. corner	White plaster ceiling	62 sq. ft.	0	
PU-1621a	Plaster Undercoat	Room 11B N.W. corner	Brown plaster	62 sq. ft.	0	
PI-1622	Ceiling Plaster	Room 12 N. E. corner	White plaster ceiling	150 sq. ft.	0	
PU-1622a	Plaster Undercoat	Room 12 N.E. corner	Brown plaster	150 sq. ft.	0	
PI-1623	Ceiling Plaster	Room 12A S.E. corner	White plaster ceiling	85 sq. ft.	0	
PU-1623a	Plaster Undercoat	Room 12A S.E. corner	Brown plaster	85 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 4 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
Pl-1624	Ceiling Plaster	Room 15A S. W. corner of stairs	White plaster ceiling	280 sq. ft.	0	
PU-1624a	Plaster Undercoat	Room 15A S. W. corner of stairs	Brown plaster	280 sq. ft.	0	
Pl-1625	Ceiling Plaster	Room 21A S. E. corner	White plaster ceiling	390 sq. ft.	0	
PU-1625a	Plaster Undercoat	Room 21A S. E. corner	Brown plaster	390 sq. ft.	0	
Pl-1626	Ceiling Plaster	Room 21B S.E. corner	White plaster ceiling	390 sq. ft.	0	
PU-1626a	Plaster Undercoat	Room 21B S. E. corner	Brown plaster	390 sq. ft.	0	
IN-1627	Insulation	Room 8C Center of Room	Gray mud insulation	140 sq. ft.	0	
IN-1628	Insulation	Room 11B N. W. corner	Gray mud insulation	62 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 5 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-1629	Insulation	Room 27G S.W. corner	Gray mud insulation	66 sq. ft.	0	
IN-1630	Insulation	Emergency Generator Room North wall	Gray mud insulation	261 sq. ft.	0	
SR-1631	Sheetrock	Room 8R South wall outlet	Sheetrock wall	80 sq. ft.	0	
JC-1631a	Joint Compound	Room 8R South wall outlet	Joint compound in between walls	80 sq. ft.	0	
SR-1632	Sheetrock	Room 10A South wall outlet	Sheetrock wall	130 sq. ft.	0	
JC-1632a	Joint Compound	Room 10A South wall outlet	Joint compound in between walls	130 sq. ft.	0	
SR-1633	Sheetrock	Room 35D South wall outlet	Sheetrock wall	330 sq. ft.	0	
JC-1633a	Joint Compound	Room 35D South wall outlet	Joint compound in between walls	330 sq. ft.	0	
IN-1634	Insulation	Room 21A Pipe chase	Black Tar on fiberglass	All pipe with black tar material	15% Chrysotile	1

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 6 of 6

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-1635	Insulation	Room 21B Pipe chase	Black Tar on fiberglass	390 sq. ft.	10% Chrysotile	1
IN-1636	Insulation	Room 30A Pipe chase	Black Tar on fiberglass	390 sq. ft.	10% Chrysotile	1
BB-1637	Cove base	Room 20A S.W. corner	Cove base	All cove base in Room 20A	0	
GM-1637a	Glue	Room 20A S.W. corner	Cove base glue	All glue in Room 20A	0	
BB-1638	Cove base	Room 20C S. W. corner	Cove base	All cove base in Room 20C	0	
GM-1638a	Glue	Room 20C S.W. corner	Cove base glue	All glue in Room 20C	0	
BB-1639	Cove base	Room 22 S.E. corner	Cove base	All cove base in Room 22	0	
GM-1639a	Glue	Room 22 S. E corner	Cover base glue	All glue in Room 22	0	

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 122

Major Agency: 720
Using Agency: 706
Construction Date: 1967
Gross Sq. Feet: 53688

Area Number: 1-Description: First Floor-Room 8G

Note: There are 10 mud elbows and fittings. Piping insulation above the suspended ceiling is fiberglass insulation with tar material on the seam.

Area Number: 2-Description: First Floor -- Room 11B

Note: There are 20 mud elbows and fittings. Piping insulation above the suspended ceiling is fiberglass insulation with tar material on the seam.

Area Number: 3- Description: Second Floor- Room 27G

Note: There are 10 mud elbows and fittings. Piping insulation above the suspended ceiling is fiberglass insulation with tar material on the seam.

Area Number: 4-Description: Second Floor-Room 21A and 21B

Note: Piping insulation above the suspended ceiling and in bathroom pip chases is fiberglass insulation with tar material on the seam.

Area Number: 5-Description: Second Floor-Room 30

Note: Piping insulation above the suspended ceiling and in bathroom pip chases is fiberglass insulation with tar material on the seam.

Area Number: 6-Description: Emergency Generator Room

Note: Piping insulation above the suspended ceiling and in bathroom pip chases is fiberglass insulation with tar material on the seam.

HOLMES ENVIRONMENTAL, INC.

1600 East Little Creek Road, Suite 308

Norfolk, Virginia 23518

Office 757-587-1164 Fax 757-587-1352

E-Mail : henvinc@aol.com

Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 2, 2000

DATE OF ANALYSIS: May 2, 2000

DATE OF REPORT: May 30, 2000

CLIENT PROJECT NAME: Building 122, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1602a	122-1a/ White floor tile	10% Chrysotile	5% Cellulose 85% Non-fibrous
1602b	122-1b/ Mastic	5% Chrysotile	95% Non-fibrous
1603	122-2/ White floor tile	10% Chrysotile	90% Non-fibrous
1604	122-3/ White floor tile	10% Chrysotile	90% Non-fibrous
1605a	122-4a/ Gray floor tile	10% Chrysotile	10% Cellulose 80% Non-fibrous
1605b	122-4b/ Mastic	5% Chrysotile	95% Non-fibrous
1606	122-5/ Gray floor tile	5% Chrysotile	5% Cellulose 90% Non-fibrous
1607	122-6/ Gray floor tile	NAD	5% Cellulose 95% Non-fibrous
1608	122-7/ Gray floor tile	NAD	2% Fiber-glass 5% Cellulose 93% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 122 Western State Hospital, Staunton, Va

1609	122-8/ White floor tile	NAD	3% Cellulose 97% Non-fibrous
1610	122-9/ White floor tile	NAD	100% Non-fibrous
1611	122-10/ Mastic	10% Chrysotile	90% Non-fibrous
1612	122-11/ Mastic	5% Chrysotile	5% Cellulose 90% Non-fibrous
1613	122-12/ Mastic	10% Chrysotile	5% Cellulose 85% Non-fibrous
1614	122-13/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1615	122-14/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1616	122-15/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1617	122-16/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1618	122-17/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587 1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 122 Western State Hospital, Staunton, Va

1619	122-18/ White ceiling tile	NAD	20% Fiber-glass 60% Cellulose 20% Non-fibrous
1620	122-19/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1620a	122-19a/ Brown plaster	NAD	5% Fiber-glass 5% Cellulose 90% Non-fibrous
1621	122-20/ White plaster	NAD	5% Fiber-glass 95% Non-fibrous
1621a	122-20a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1622	122-21/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1622a	122-21a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1623	122-22/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1623a	122-22a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1624	122-23/ White plaster	NAD	100% Non-fibrous
1624a	122-23a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 122 Western State Hospital, Staunton, Va

1625	122-24/ White plaster	NAD	10% Fiber-glass 5% Cellulose 85% Non-fibrous
1625a	122-24a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1626	122-25/ White plaster	NAD	5% Cellulose 95% Non-fibrous
1626a	122-25a/ Brown plaster	NAD	5% Cellulose 95% Non-fibrous
1627	122-26/ Gray mud insulation	NAD	40% Fiber-glass 20% Cellulose 40% Non-fibrous
1628	122-27/ Gray mud insulation	NAD	40% Fiber-glass 20% Cellulose 40% Non-fibrous
1629	122-28/ Gray mud insulation	NAD	40% Fiber-glass 20% Cellulose 40% Non-fibrous
1630	122-29/ Gray mud insulation	NAD	40% Fiber-glass 20% Cellulose 40% Non-fibrous
1631	122-30/ Sheetrock	NAD	25% Fiber-glass 40% Cellulose 35% Non-fibrous
1631a	122-30a/ Joint compound	NAD	5% Cellulose 95% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 122, Western State Hospital, Staunton, Va

1632	122-31/ Sheetrock	NAD	20% Fiber-glass 20% Cellulose 60% Non-fibrous
1632a	122-31a/ Joint compound	NAD	40% Fiber-glass 20% Cellulose 40% Non-fibrous
1633	122-32/ Sheetrock	NAD	10% Fiber-glass 15% Cellulose 75% Non-fibrous
1633a	122-32a/ Joint Compound	NAD	20% Fiber-glass 20% Cellulose 60% Non-fibrous
1634	122-33/ Black tar	15% Chrysotile	30% Fiber-glass 55% Non-fibrous
1635	122-34/ Black tar	10% Chrysotile	70% Fiber-glass 20% Non-fibrous
1636	122-35/ Black Tar	10% Chrysotile	20% Cellulose 70% Non-fibrous
1637	122-36/ Covebase	NAD	4% Cellulose 96% Non-fibrous
1637a	122-36a/ Covebase glue	NAD	100% Non-fibrous
1638	122-37/ Covebase	NAD	100% Non-fibrous
1638a	122-37a/ Covebase glue	NAD	100% Non-fibrous
1639	122-38/ Covebase	NAD	100% Non-fibrous

HOLMES ENVIRONMENTAL, INC.

(757) 587-1164 fax (757) 587 1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 122 Western State Hospital, Staunton, Va

1639a

122-38a/ Covebase glue

NAD

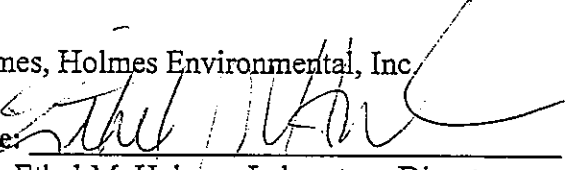
100% Non-fibrous

REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature:


Ethel M. Holmes, Laboratory Director

Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND: NAD: no asbestos detected
SCF: suspected ceramic fibers

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 2 of 2

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-1634	Insulation	Room 21A Pipe chase	Black Tar on fiberglass	All pipes with the tar material	15% Chrysotile	5
IN-1635	Insulation	Room 21B Pipe chase	Black Tar on fiberglass	All pipes with the tar material	10% Chrysotile	5
IN-1636	Insulation	Room 30A Pipe chase	Black Tar on fiberglass	All pipes with the tar material	10% Chrysotile	5
IN-H-01	Insulation	Room 1B Pipe chase	Mud/fitting	20	See HK report	5
IN-H-02	Insulation	Room 8G Pipe chase	Mud/fitting	10	See HK report	5
IN-H-03	Insulation	Room 27G Pipe chase	Mud/fitting	5	See HK report	5
IN-H-04	Insulation	Emergency Generator Room	Mud/fitting	18	See HK report	5
FD-01	Fire Door	Throughout building	Fire Doors	12 Doors	See Algoma sheet	5

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 1 of 5

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1607	Floor Tile	Room 8S S.W. corner	Gray with black 9"x 9" floor tile	141 sq. ft.	0	
VAT-1608	Floor Tile	Room 8F S.W. corner	Gray with black 9"x 9" floor tile	366 sq. ft.	0	
VAT-1609	Floor Tile	Room 8G N.W. corner	White with tan 12"x 12" floor tile	55 sq. ft.	0	
VAT-1610	Floor Tile	Room 9J West wall	White with tan 12"x 12" floor tile	64 sq. ft.	0	
CT-1614	Ceiling Tile	Room 20A S.W. corner	White 1' x 1' ceiling tiles	87 sq. ft.	0	
CT-1615	Ceiling Tile	Room 20C S.E. corner	White 1' x 1' ceiling tiles	87 sq. ft.	0	
CT-1616	Ceiling Tile	Room 27B S.W. corner	White 1' x 1' ceiling tiles	90 sq. ft.	0	
CT-1617	Ceiling Tile	Room 8A S.E. corner	White 2' x 4' ceiling tiles	95 sq. ft.	0	
CT-1618	Ceiling Tile	Room 26E N.E. corner	White 2' x 4' ceiling tiles	254 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 2 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1619	Ceiling Tile	Room 35L S.E. corner	White 2' x 4' ceiling tiles	117 sq. ft.	0	
PI-1620	Ceiling Plaster	Room 9G S.E. corner	White plaster ceiling	47 sq. ft.	0	
PU-1620a	Plaster Undercoat	Room 9G S.E. corner	Brown plaster	47 sq. ft.	0	
PI-1621	Ceiling Plaster	Room 11B N. W. corner	White plaster ceiling	62 sq. ft.	0	
PU-1621a	Plaster Undercoat	Room 11B N.W. corner	Brown plaster	62 sq. ft.	0	
PI-1622	Ceiling Plaster	Room 12 N. E. corner	White plaster ceiling	150 sq. ft.	0	
PU-1622a	Plaster Undercoat	Room 12 N.E. corner	Brown plaster	150 sq. ft.	0	
PI-1623	Ceiling Plaster	Room 12A S.E. corner	White plaster ceiling	85 sq. ft.	0	
PU-1623a	Plaster Undercoat	Room 12A S.E. corner	Brown plaster	85 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 3 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
Pl-1624	Ceiling Plaster	Room 15 S. W. corner of stairs	White plaster ceiling	280 sq. ft.	0	
PU-1624a	Plaster Undercoat	Room 15A S. W. corner of stairs	Brown plaster	280 sq. ft.	0	
Pl-1625	Ceiling Plaster	Room 21A S. E. corner	White plaster ceiling	390 sq. ft.	0	
PU-1625a	Plaster Undercoat	Room 21A S. E. corner	Brown plaster	390 sq. ft.	0	
Pl-1626	Ceiling Plaster	Room 21B S.E. corner	White plaster ceiling	390 sq. ft.	0	
PU-1626a	Plaster Undercoat	Room 21B S. E. corner	Brown plaster	390 sq. ft.	0	
IN-1627	Insulation	Room 8C Center of Room	Gray mud insulation	140 sq. ft.	0	
IN-1628	Insulation	Room 11B N. W. corner	Gray mud insulation	62 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 4 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-1629	Insulation	Room 27G S.W. corner	Gray mud insulation	66 sq. ft.	0	
IN-1630	Insulation	Emergency Generator Room North wall	Gray mud insulation	261 sq. ft.	0	
SR-1631	Sheetrock	Room 8R South wall outlet	Sheetrock wall	80 sq. ft.	0	
JC-1631a	Joint Compound	Room 8R South wall outlet	Joint compound in between walls	80 sq. ft.	0	
SR-1632	Sheetrock	Room 10A South wall outlet	Sheetrock wall	130 sq. ft.	0	
JC-1632a	Joint Compound	Room 10A South wall outlet	Joint compound in between walls	130 sq. ft.	0	
SR-1633	Sheetrock	Room 35D South wall outlet	Sheetrock wall	330 sq. ft.	0	
JC-1633a	Joint Compound	Room 35D South wall outlet	Joint compound in between walls	330 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 5 of 5

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
BB-1637	Cove base	Room 20A S.W. corner	Cove base	87 sq. ft.	0	
GM-1637a	Glue	Room 20A S.W. corner	Cove base glue	87 sq. ft.	0	
BB-1638	Cove base	Room 20C S.W. corner	Cove base	87 sq. ft.	0	
GM-1638a	Glue	Room 20C S.W. corner	Cove base glue	87 sq. ft.	0	
BB-1639	Cove base	Room 22 S.E. corner	Cove base	143 sq. ft.	0	
GM-1639a	Glue	Room 22 S.E. corner	Cove base glue	143 sq. ft.	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET



ATTN: Lynn Wilkens

COMPANY: _____

SUBJECT: Dept of Mental
Health - Asbestos fire door

DATE: 8/21/00

FROM: Debbie Wagner

PHONE: 1-800-678-8910

FAX: 1-920-487-3636

Lynn -

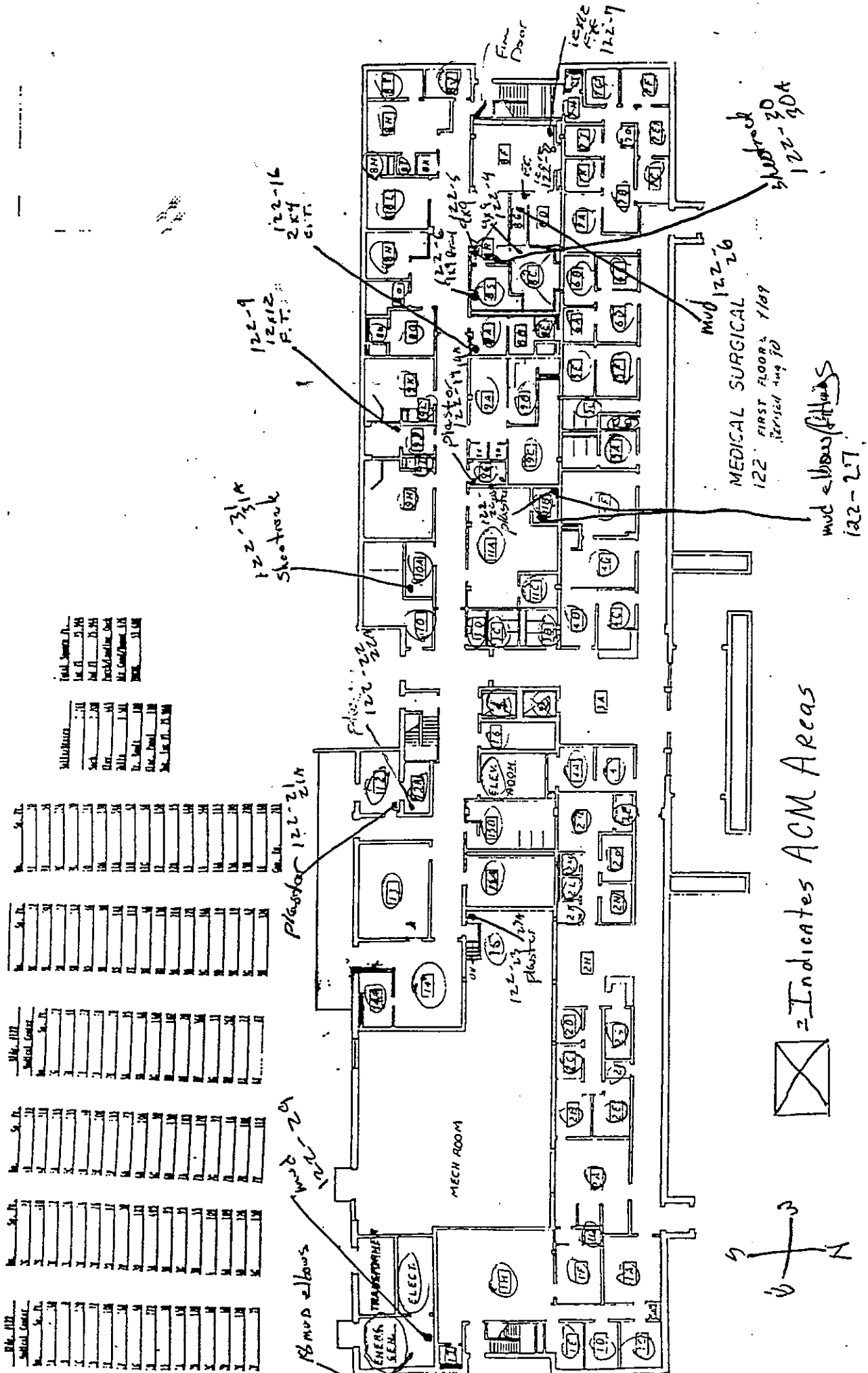
Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1

IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.

Debbie Wagner



122-10	122-11	122-12	122-13	122-14	122-15	122-16	122-17	122-18	122-19	122-20	122-21	122-22	122-23	122-24	122-25	122-26	122-27	122-28	122-29	122-30	122-31	122-32	122-33	122-34	122-35	122-36	122-37	122-38	122-39	122-40	122-41	122-42	122-43	122-44	122-45	122-46	122-47	122-48	122-49	122-50	122-51	122-52	122-53	122-54	122-55	122-56	122-57	122-58	122-59	122-60	122-61	122-62	122-63	122-64	122-65	122-66	122-67	122-68	122-69	122-70	122-71	122-72	122-73	122-74	122-75	122-76	122-77	122-78	122-79	122-80	122-81	122-82	122-83	122-84	122-85	122-86	122-87	122-88	122-89	122-90	122-91	122-92	122-93	122-94	122-95	122-96	122-97	122-98	122-99	122-100
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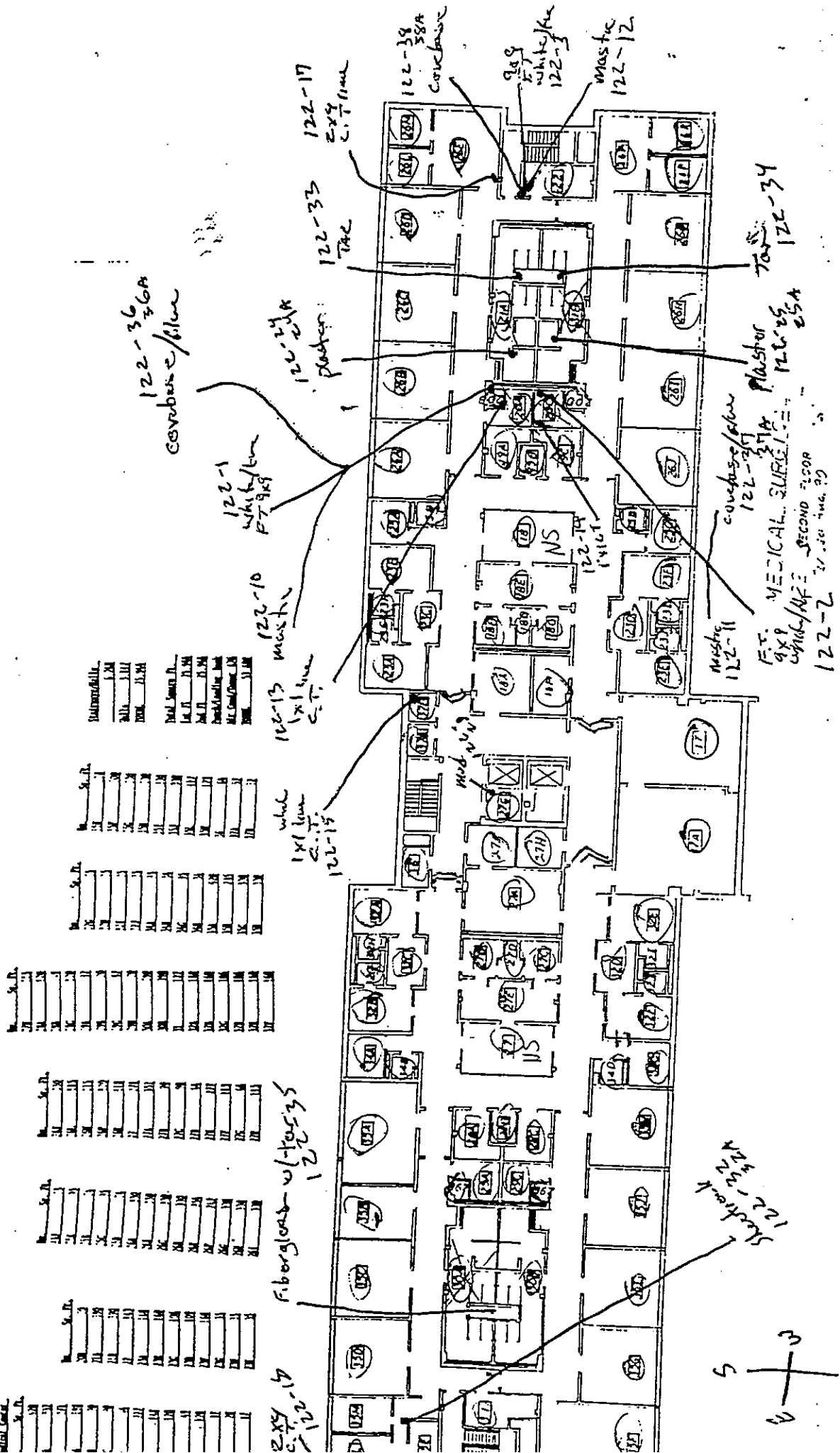
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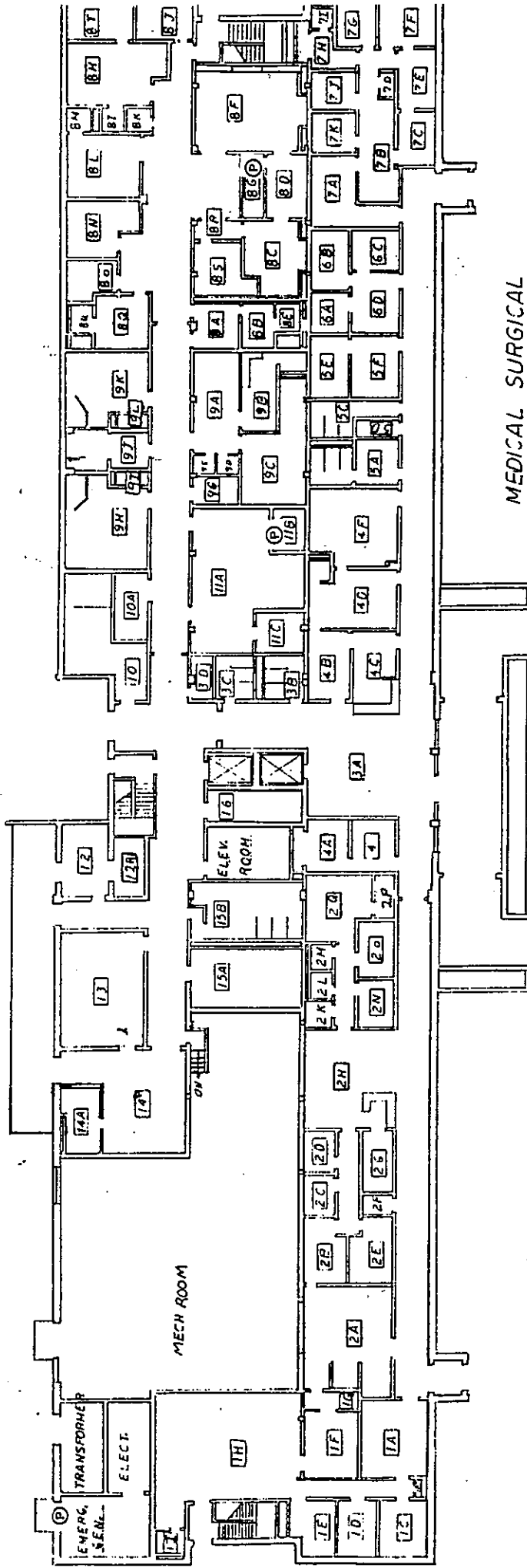
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©=Piping Insulation

Building 122

Piping Insulation

Tar Material



122

© Piping Insulation

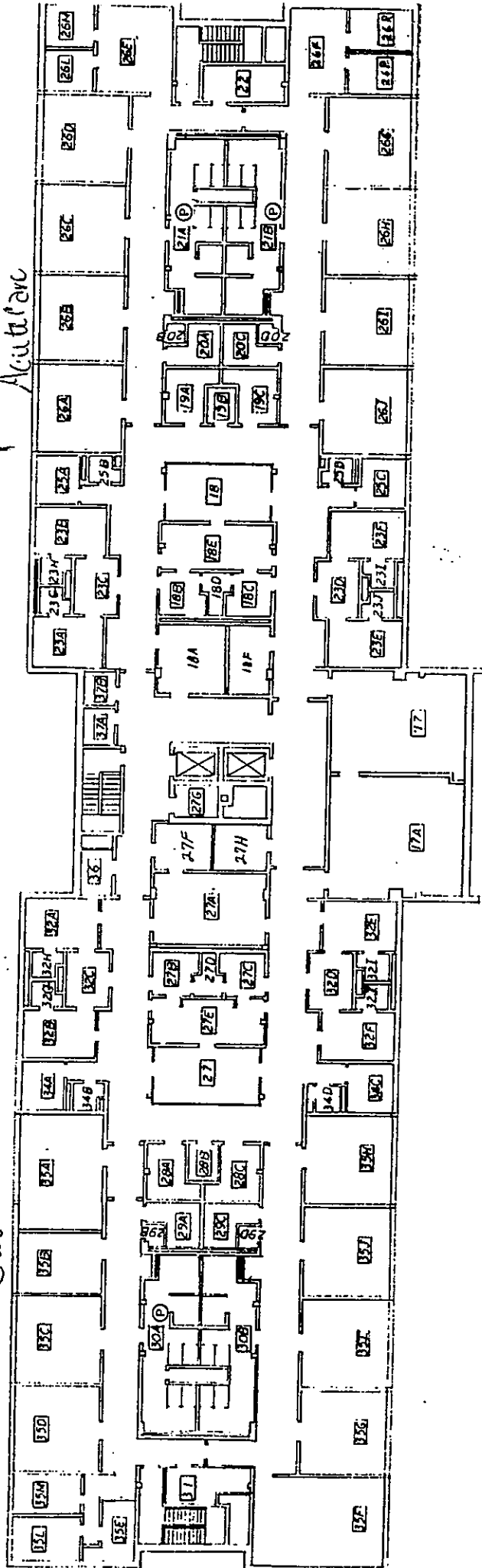
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Piping Insulation

Tar Material

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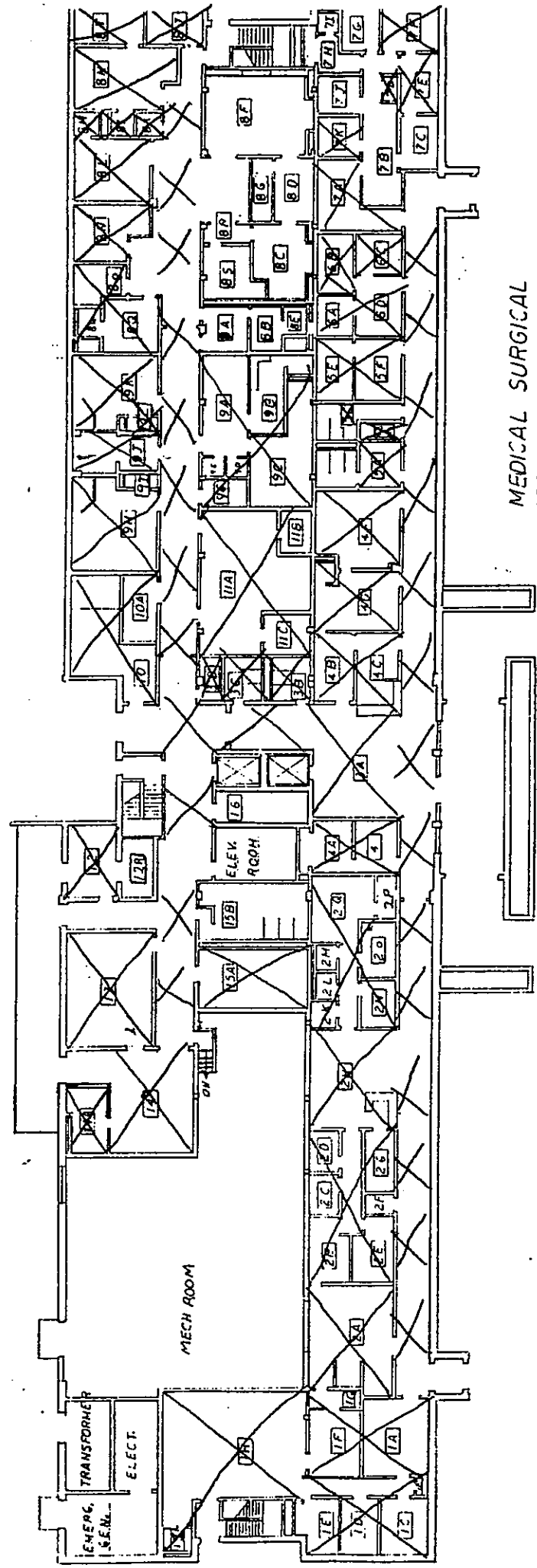


MEDICAL SURGICAL
122 SECOND FLOOR
Revised Aug 90

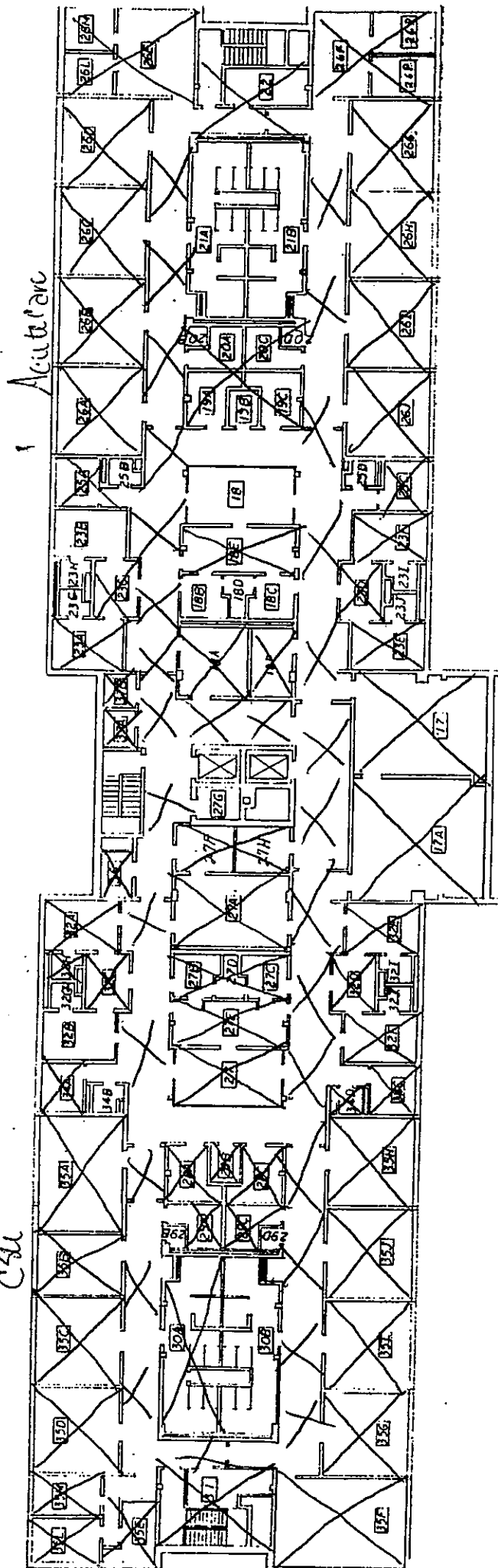
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Building 122 Mastic

X = Mastic



X = Mastic

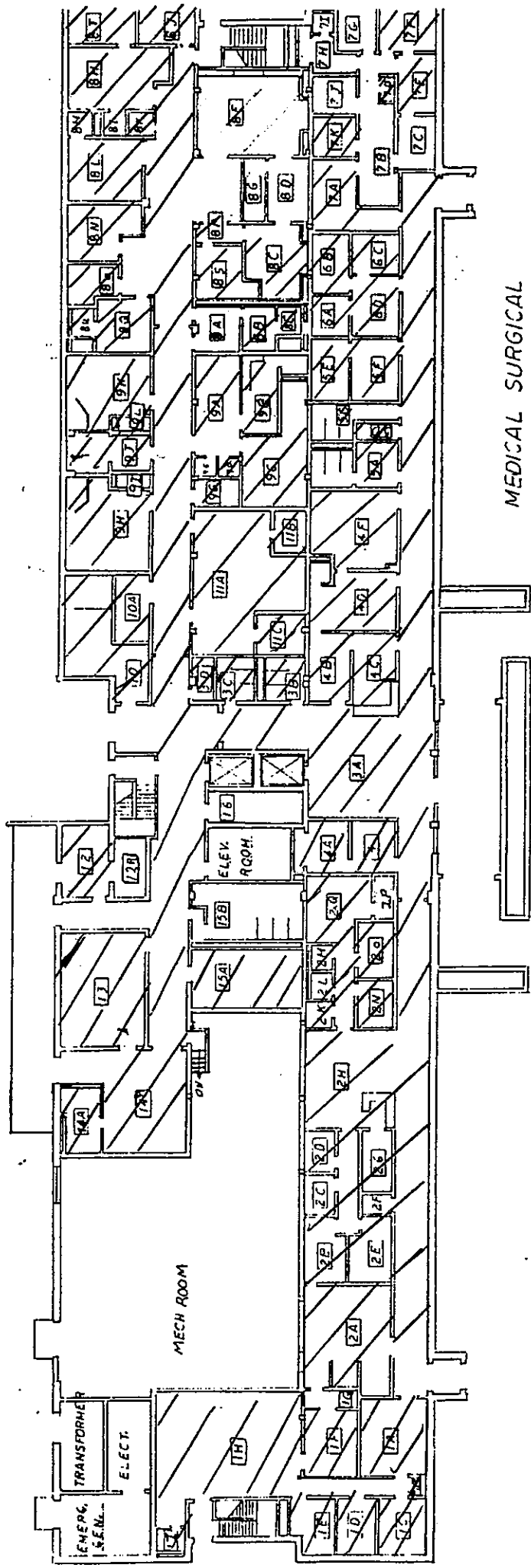


MEDICAL SURGICAL
122 SECOND FLOOR
Revised Aug. 90

122

///=Floor Tile

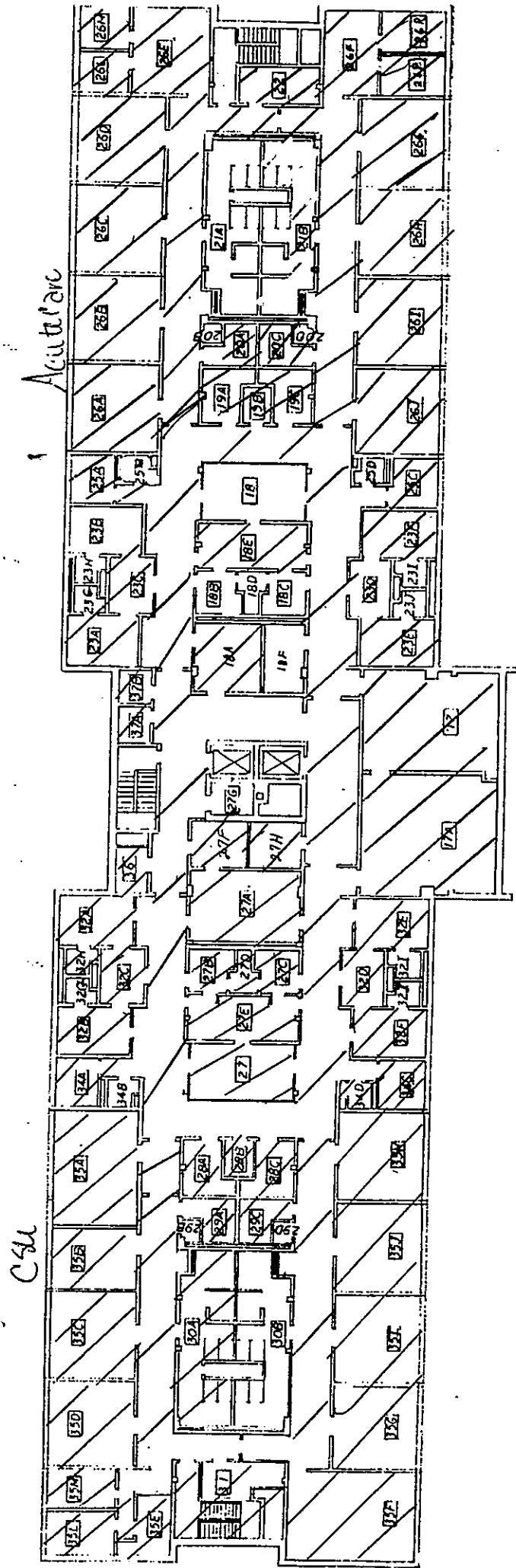
Building 122 Floor tile



///=Floor Tile

Building 122

Floor tile



MEDICAL SURGICAL
122 SECOND FLOOR
REVISED Aug, 90

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 1 of 2

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1602 A	Floor Tile	Room 20A S.W. corner	White 9"x 9" floor tile with tan	87 sq. ft.	10% Chrysotile	5
GM-1602 B	Mastic	Room 20A S.W. corner	Black mastic	87 sq. ft.	5% Chrysotile	5
VAT-1603	Floor Tile	Room 20C S.W. corner	White 9"x 9" floor tile with tan	87 sq. ft.	10% Chrysotile	5
VAT-1604	Floor Tile	Room 22 S.E. corner	White 9"x 9" floor tile with tan	143 sq. ft.	10% Chrysotile	5
VAT-1605 A	Floor Tile	Room 8C S.W. corner	Gray with black 9"x 9" floor tile	140 sq. ft.	10% Chrysotile	5
GM-1605 B	Mastic	Room 8C	Black mastic	140 sq. ft.	5% Chrysotile	5
VAT-1606	Floor Tile	Room 8R S.W. corner	Gray with black 9"x 9" floor tile	80 sq. ft.	5% Chrysotile	5
GM-1611	Mastic	Room 20A S.W. corner	Black mastic	87 sq. ft.	10% Chrysotile	5
GM-1612	Mastic	Room 20C S.W. corner	Black mastic	87 sq. ft.	5% Chrysotile	5
GM-1613	Mastic	Room 22 S.E. corner	Black mastic	143 sq. ft.	10% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 122

Date: March 25, 2000
Inspector Name: Brian Jones

Page 2 of 2

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
IN-1634	Insulation	Room 21A Pipe chase	Black Tar on fiberglass	All pipes with the tar material	15% Chrysotile	5
IN-1635	Insulation	Room 21B Pipe chase	Black Tar on fiberglass	All pipes with the tar material	10% Chrysotile	5
IN-1636	Insulation	Room 30A Pipe chase	Black Tar on fiberglass	All pipes with the tar material	10% Chrysotile	5
IN-H-01	Insulation	Room 1B Pipe chase	Mud/fitting	20	See HK report	5
IN-H-02	Insulation	Room 8G Pipe chase	Mud/fitting	10	See HK report	5
IN-H-03	Insulation	Room 27G Pipe chase	Mud/fitting	5	See HK report	5
IN-H-04	Insulation	Emergency Generator Room	Mud/fitting	18	See HK report	5
FD-01	Fire Door	Throughout building	Fire Doors	12 Doors	See Algoma sheet	5

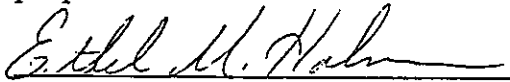
STATEMENT FOR ASBESTOS ASSESSMENT REPORT

The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia has been prepared and covers the following Building 122 Medical-Surgical Building. I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.


Asbestos Inspector

3303 000407
License Number

AUG 2000
Date

BUILDING 123

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 123

Major Agency: 720
Using Agency: 706
Construction Date: 1972
Gross Sq. Feet: 18004

Area Number: 1-Description: Mechanical Rooms 24 and 84
Note: Both mechanical rooms have fiberglass insulated with mud elbows
And fittings.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
S. E. Corner of Unused Hot Water Tank	boiler/tank insulation	3	181.00	25	1991.00	1448.00	3439.00
N. E. Corner of Exhaust Stack	breecher/exhaust stack packing	3	50.00	35	550.00	400.00	950.00

Area Total:

2541.00 1848.00 4389.00

Area Number: 2-Description: Above Drop Ceiling
Note: Throughout the area is fiberglass pipelines with
mud elbows and fittings. According to the previous Hall-Kimberl
this mud elbows and fittings were determined to be asbestos containing material.

Area Total:

4389.00

HOLMES ENVIRONMENTAL, INC.
1600 East Little Creek Road, Suite 308
Norfolk, Virginia 23518
Office 757-587-1164 Fax 757-587-1352
E-Mail : henvinc@aol.com
Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 2, 2000

DATE OF ANALYSIS: July 24, 2000

DATE OF REPORT: July 27, 2000

CLIENT PROJECT NAME: Building 123, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
2061a	123-1a/ White floor tile	NAD	5% Cellulose 95% Non-fibrous
2061b	123-1b/ Mastic	5% Chrysotile	95% Non-fibrous
2062a	123-2a/ White floor tile	NAD	5% Cellulose 95% Non-fibrous
2062b	123-2b/ Mastic	5% Chrysotile	95% Non-fibrous
2063a	123-3a/ White floor tile	NAD	5% Cellulose 95% Non-fibrous
2063b	123-3b/ Mastic	5% Chrysotile	95% Non-fibrous
2064a	123-4a/ Rust floor tile	5% Chrysotile	2% Cellulose 93% Non-fibrous
2064b	123-4b/ Black mastic	5% Chrysotile	95% Non-fibrous
2065a	123-5a/ Rust floor tile	5% Chrysotile	2% Cellulose 93% Non-fibrous
2065b	123-5b/ Black mastic	5% Chrysotile	95% Non-fibrous
2066a	123-6a/ Rust floor tile	5% Chrysotile	2% Cellulose 93% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 123, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
2066b	123-6b/ Black mastic	5% Chrysotile	95% Non-fibrous
2067a	123-7a/ Tan floor tile	NAD	2% Cellulose 98% Non-fibrous
2067b	123-7b/ Black mastic	5% Chrysotile	95% Non-fibrous
2068a	123-8a/ Tan floor tile	NAD	2% Cellulose 98% Non-fibrous
2068b	123-8b/ Black mastic	5% Chrysotile	95% Non-fibrous
2069a	123-9a/ Tan floor tile	NAD	2% Cellulose 98% Non-fibrous
2069b	123-9b/ Black mastic	5% Chrysotile	95% Non-fibrous
2070a	123-10a/ Brown floor tile	NAD	2% Cellulose 98% Non-fibrous
2070b	123-10b/ Black mastic	5% Chrysotile	95% Non-fibrous
2071a	123-11a/ Brown floor tile	NAD	2% Cellulose 98% Non-fibrous
2071b	123-11b/ Black mastic	5% Chrysotile	95% Non-fibrous
2072a	123-12a/ Brown floor tile	NAD	2% Cellulose 98% Non-fibrous
2072b	123-12b/ Black mastic	5% Chrysotile	95% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 123, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
2073a	123-13a/ Yellow floor tile	5% Chrysotile	5% Cellulose 90% Non-fibrous
2073b	123-13b/ Mastic	5% Chrysotile	95% Non-fibrous
2074a	123-14a/ Yellow floor tile	5% Chrysotile	5% Cellulose 90% Non-fibrous
2074b	123-14b/ Mastic	5% Chrysotile	95% Non-fibrous
2075a	123-15a/ Yellow floor tile	5% Chrysotile	5% Cellulose 90% Non-fibrous
2075b	123-15b/ Mastic	5% Chrysotile	95% Non-fibrous
2076	123-16/ White ceiling tile	NAD	40% Fiberglass 40% Cellulose 20% Non-fibrous
2077	123-17/ White ceiling tile	NAD	40% Fiberglass 40% Cellulose 20% Non-fibrous
2078	123-18/ White ceiling tile	NAD	40% Fiberglass 40% Cellulose 20% Non-fibrous
2079	123-19/ White ceiling tile	NAD	40% Fiberglass 40% Cellulose 20% Non-fibrous
2080	123-20/ White ceiling tile	NAD	40% Fiberglass 40% Cellulose 20% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 123, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
2081	123-21/ White ceiling tile	NAD	40% Fiberglass 40% Cellulose 20% Non-fibrous
2082	123-22/ White ceiling tile	NAD	40% Fiberglass 40% Cellulose 20% Non-fibrous
2083	123-23/ White ceiling tile	NAD	40% Fiberglass 40% Cellulose 20% Non-fibrous
2084	123-24/ White ceiling tile	NAD	40% Fiberglass 40% Cellulose 20% Non-fibrous
2085	123-25/ Sheet rock	NAD	2% Fiberglass 10% Cellulose 88% Non-fibrous
2086	123-26/ Sheet rock	NAD	2% Fiberglass 10% Cellulose 88% Non-fibrous
2087	123-27/ Sheet rock	NAD	2% Fiberglass 5% Cellulose 93% Non-fibrous
2088a	123-28a/ Tan covebase	NAD	100% Non-fibrous
2088b	123-28b/ Brown glue	NAD	100% Non-fibrous
2089a	123-29a/ Tan covebase	NAD	100% Non-fibrous

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 123, Western State Hospital, Staunton, Va

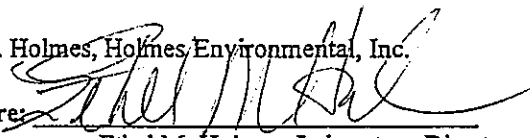
HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
2089b	123-29b/ Brown glue	NAD	100% Non-fibrous
2090a	123-30a/ Tan covebase	NAD	100% Non-fibrous
2090b	123-30b/ Brown glue	NAD	100% Non-fibrous
2091	123-31/ Black tar	10% Chrysotile	90% Non-fibrous
2092	123-32/ Black tar	10% Chrysotile	90% Non-fibrous
2093	123-33/ Black tar	10% Chrysotile	90% Non-fibrous

REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature:


Ethel M. Holmes, Laboratory Director
Lynn Wilkins, QA/QC Compliance Officer

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CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 123, Western State Hospital, Staunton, Va

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND:	NAD: no asbestos detected	SCF: suspected ceramic fibers
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*****END OF REPORT*****

NON-ASBESTOS INVENTORY SHEET

**Facility Name: Western State Hospital, Staunton
Building No.: 123**

Date: March 28, 2000

Inspector Name: Brian Jones

Page 1 of 8

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1640a	Floor tile	Room 143A S.E. corner	12x12 brown with tan floor tile	533 sq. ft.	0	
VCT-1641a	Floor tile	Room 146A N.E. corner	12x12 brown with tan floor tile	660 sq. ft.	0	
VCT-1643a	Floor tile	Room 251 N.W. corner	12x12 brown with tan floor tile	126 sq. ft.	0	
VCT-1644a	Floor tile	Room 261 S.E. corner	12x12 yellow with white floor tile	126 sq. ft.	0	
VCT-1645a	Floor tile	Room 261 N.E. corner	12x12 yellow with white floor tile	126 sq. ft.	0	
VCT-1646a	Floor tile	Room 262 N.E. corner	12x12 yellow with white floor tile	389 sq. ft.	0	
VCT-1647	Floor tile	Room 148 N.E. corner	12 x 12 floor tile white with green	68 sq. ft.	0	
VCT-1648a	Floor tile	Room 245 N.E. corner	12 x 12 floor tile white with green	36 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 28, 2000

Inspector Name: Brian Jones

Page 2 of 8

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-1649a	Floor tile	Room 260 S.W. corner	12 x 12 floor tile white with green	80 sq. ft.	0	
VCT-1650a	Floor tile	Room 152 N.W. corner	12 x 12 floor tile white with tan	264 sq. ft.	0	
VCT-1651a	Floor tile	Room 153 N.W. corner	12 x 12 floor tile white with tan	288 sq. ft.	0	
VCT-1652a	Floor tile	Room 253 center of room	12 x 12 floor tile white with tan	284 sq. ft.	0	
VS-1656	Sheet vinyl	Room 141 west wall at door	White sheet vinyl	184 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 28, 2000
Inspector Name: Brian Jones

Page 3 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VS-1657	Sheet vinyl	Room 236A S.E. corner	White sheet vinyl	90 sq. ft.	0	
VS-1658	Sheet vinyl	Room 257 S.E. corner	White sheet vinyl	168 sq. ft.	0	
GM-1659	Glue	Room 257 S.E. corner	Glue on sheet vinyl	168 sq. ft.	0	
PL-1660	Plaster	Room 146 north wall	Plaster white finish coat	860 sq. ft.	0	
PU-1661	Plaster	Room 146 north wall	Plaster brown under coat	860 sq. ft.	0	
PL-1662	Plaster	Room 146A east wall	Plaster white finish coat	12 sq. ft.	0	
PU-1663	Plaster	Room 146A east wall	Plaster brown under coat	12 sq. ft.	0	
PL-1664	Plaster	Room 150 east wall	Plaster white finish coat	184 sq. ft.	0	
PU-1665	Plaster	Room 150 east wall	Plaster brown under coat	184 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 28, 2000

Inspector Name: Brian Jones

Page 4 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
PL-1666	Plaster	Room 158 south wall	Plaster white finish coat	80 sq. ft.	0	
PU-1667	Plaster	Room 158 south wall	Plaster brown under coat	80 sq. ft.	0	
PL-1668	Plaster	Room 247 north wall	Plaster white finish coat	62 sq. ft.	0	
PU-1669	Plaster	Room 247 north wall	Plaster brown under coat	62 sq. ft.	0	
PL-1670	Plaster	Room 248 S.E. corner north wall	Plaster white finish coat	650 sq. ft.	0	
PU-1671	Plaster	Room 248 S.E. corner north wall	Plaster brown under coat	650 sq. ft.	0	
PL-1672	Plaster	Room 260 north wall	Plaster white finish coat	80 sq. ft.	0	
PU-1673	Plaster	Room 260 north wall	Plaster brown under coat	80 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 28, 2000

Inspector Name: Brian Jones

Page 5 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SH-1674	Sheet rock	Room 243 S.W. corner	Sheet rock	All wall in Room 243	0	
SH-1676	Sheet rock	Room 260 east wall	Sheet rock	All wall in Room 260	0	
SH-1678	Sheet rock	Room 261 west wall	Sheet rock	All wall in Room 261	0	
JC-1679	Joint compound	Room 261 west wall	Joint compound	All wall in Room 261	0	
BB-1680	Cove base	Room 146A N.E. corner	Cove base	Around the wall edge in Room 146A	0	
GM-1681	Glue	Room 146A N.E. corner	Glue	Behind the cove base in Room 146A	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 28, 2000
Inspector Name: Brian Jones

Page 6 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
BB-1682	Cove base	Room 251 N. W. corner	Vinyl cove base	Around the wall edge in Room 251	0	
GM-1683	Cove Base Glue	Room 251 N. W. corner	Brown glue	Behind the cove base in Room 251	0	
BB-1684	Cove base	Room 245 N. W. corner	Vinyl cove base	Around the wall edge in Room 245	0	
GM-1685	Cove Base Glue	Room 245 N. W. corner	Brown glue	Behind the cove base in Room 245	0	
CT-1686	Ceiling tile	Room 146 S. W. corner	1 x 1 ceiling tile white	860 sq. ft.	0	
GM-1687	Glue	Room 146 S. W. corner	Ceiling tile glue	860 sq. ft.	0	
CT-1688	Ceiling tile	Room 244 south side middle tile	1 x 1 ceiling tile white	533 sq. ft.	0	
GM-1689	Glue	Room 244 south side middle tile	Ceiling tile glue	533 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 28, 2000

Inspector Name: Brian Jones

Page 7 of 8

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1690	Ceiling tile	Room 248 N.E. corner	1 x 1 ceiling tile white	650 sq. ft.	0	
GM-1691	Glue	Room 248 N.E. corner	Ceiling tile glue	650 sq. ft.	0	
CT-1692	Ceiling tile	Room 150A N.E. corner	2 x 4 ceiling tile white with lines	106 sq. ft.	0	
CT-1693	Ceiling tile	Room 135 hallway door	2 x 4 ceiling tile white with lines	100 sq. ft.	0	
CT-1694	Ceiling tile	Room 153 hallway door	2 x 4 ceiling tile white with lines	288 sq. ft.	0	
CT-1695	Ceiling tile	Room 243 N.E. corner	2 x 4 ceiling tile white with dots	126 sq. ft.	0	
CT-1696	Ceiling tile	Room 245 S.W. corner	2 x 4 ceiling tile white with dots	86 sq. ft.	0	
CT-1697	Ceiling tile	Room 254 N.E. corner	2 x 4 ceiling tile white with dots	264 sq. ft.	0	
WG-1698	Window glazing	Room 141 window bottom	Gray window glazing	184 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 132

Date: March 28, 2000

Page 8 of 8

Inspector Name: Brian Jones

HSA	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
WC-1701	Window caulking	Room 141 window right side	Gray and white window caulking	All window in Room 141	0	
WC-1702	Window caulking	Room 141A window right side	Gray and white window caulking	All window in Room 141A	0	
WC-1703	Window caulking	Room 143 window right side	Gray and white window caulking	All window in Room 143	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET

ATTN: Lynn Wilkens

COMPANY: _____

SUBJECT: Dept of Mental
Health - Asbestos fire door.DATE: 8/21/00FROM: Debbie WagnerPHONE: 1-800-678-8910FAX: 1-920-487-3636Lynn -

Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

*NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1*IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.Debbie Wagner

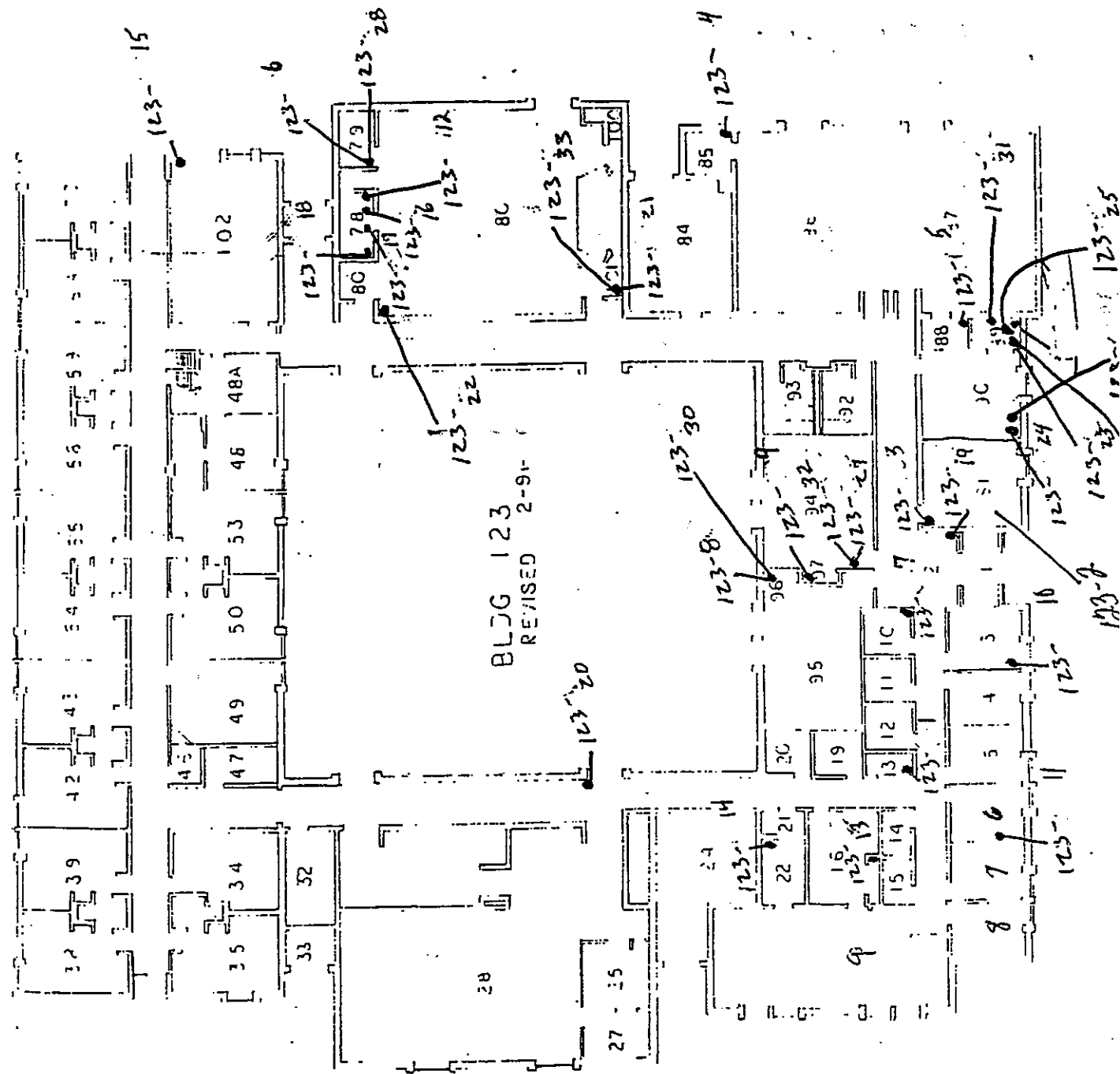
Room	Sq. Ft.
1	118
2	118
3	116
4	116
5	116
6	116
7	116
8	118
9	500
10	66
11	66
12	66
13	16
14	43
15	43
16	199
17	199
18	199
19	69
20	69
21	15
22	87
23	355
24	134
25	245
26	92
27	92
28	1674
29	153
30	153
31	63
32	245
33	239
34	230
35	236
36	236
37	236
38	39
39	78
40	235
41	120

Room	Sq. Ft.
42	237
43	236
44	236
45	236
46	236
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CORR	3289
WALLS	330
Total	180041

W
S + N
E

Indicates ACM Services



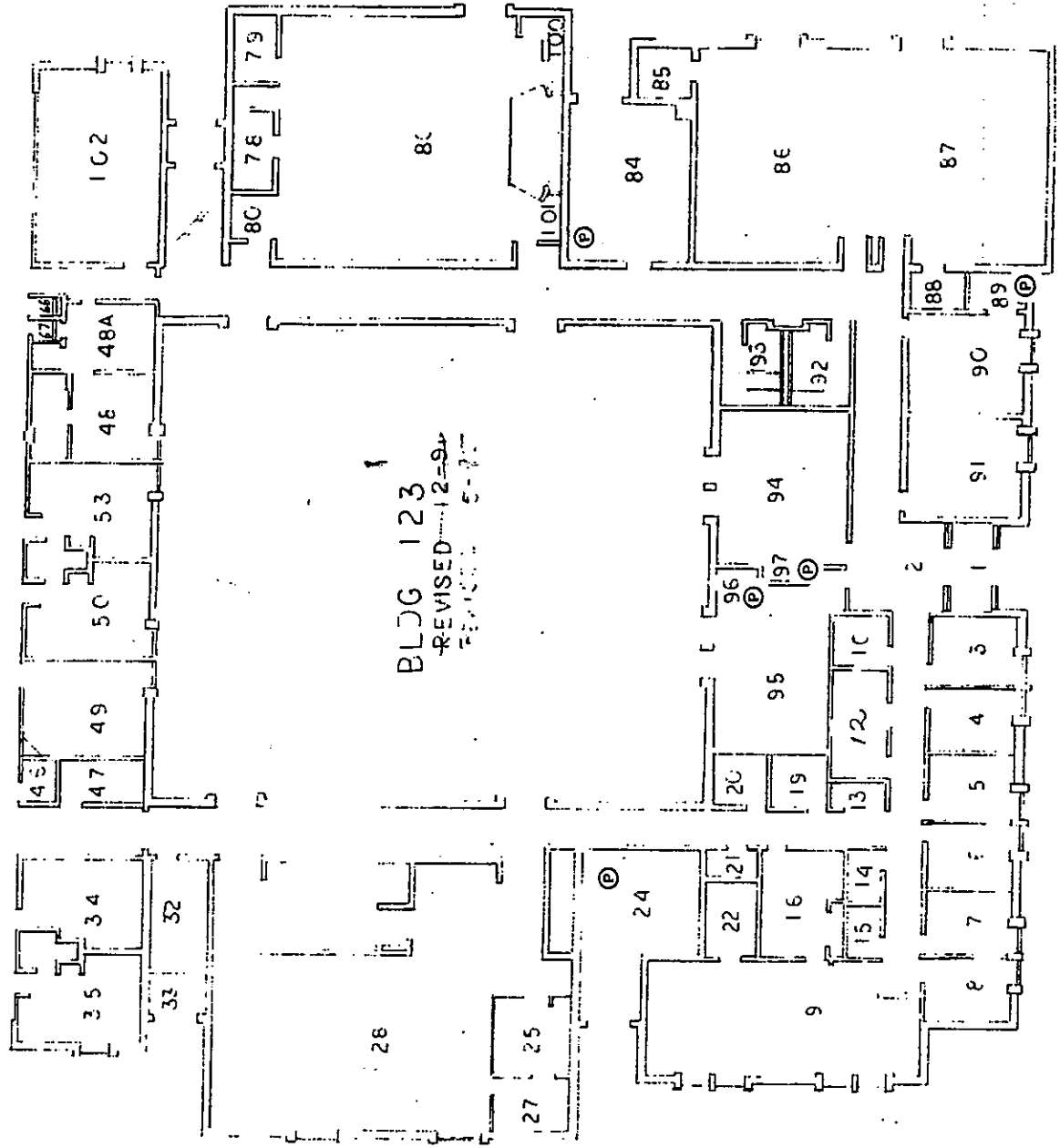
©=Piping Insulation

Building 123

Piping Insulation

RM.	SQ FT.
3	118
50	206
53	206
54	206
55	206
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57	206
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96	206
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101	206
102	206
HALL	3009
WALL	330
40A	120
40	207

RM.	SQ FT.
3	118
4	118
5	118
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50	118

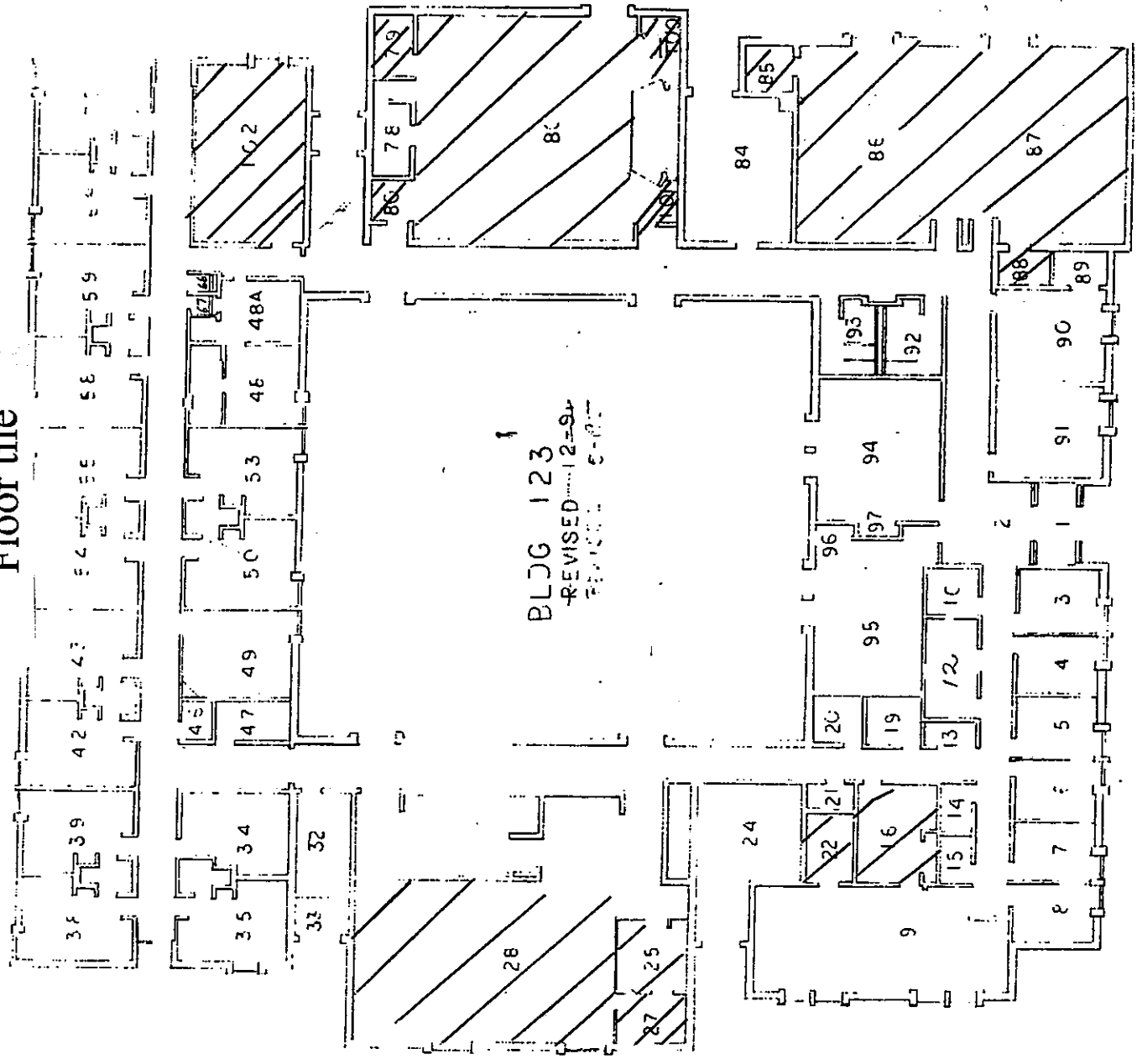


Building 123

Floor tile

///=Floor Tile

RM.	SQ. FT.	RM.	SQ. FT.
3	118	50	230
4	118	51	230
5	118	52	230
6	118	53	230
7	118	54	230
8	118	55	230
9	530	56	230
10	65	57	13
11	132	58	230
12	132	59	230
13	95	60	230
14	43	61	107
15	43	62	65
16	43	63	1440
17	100	64	403
18	65	65	60
19	65	66	703
20	35	67	763
21	35	68	50
22	87	69	50
23	355	70	48
24	194	71	245
25	86	72	245
26	1674	73	153
27	153	74	111
28	40	75	111
29	40	76	438
30	245	77	440
31	230	78	440
32	230	79	12
33	230	80	12
34	230	81	45
35	230	82	18
36	38	83	482
37	78	84	300
38	235	85	300
39	130	86	130
40	207	87	1804



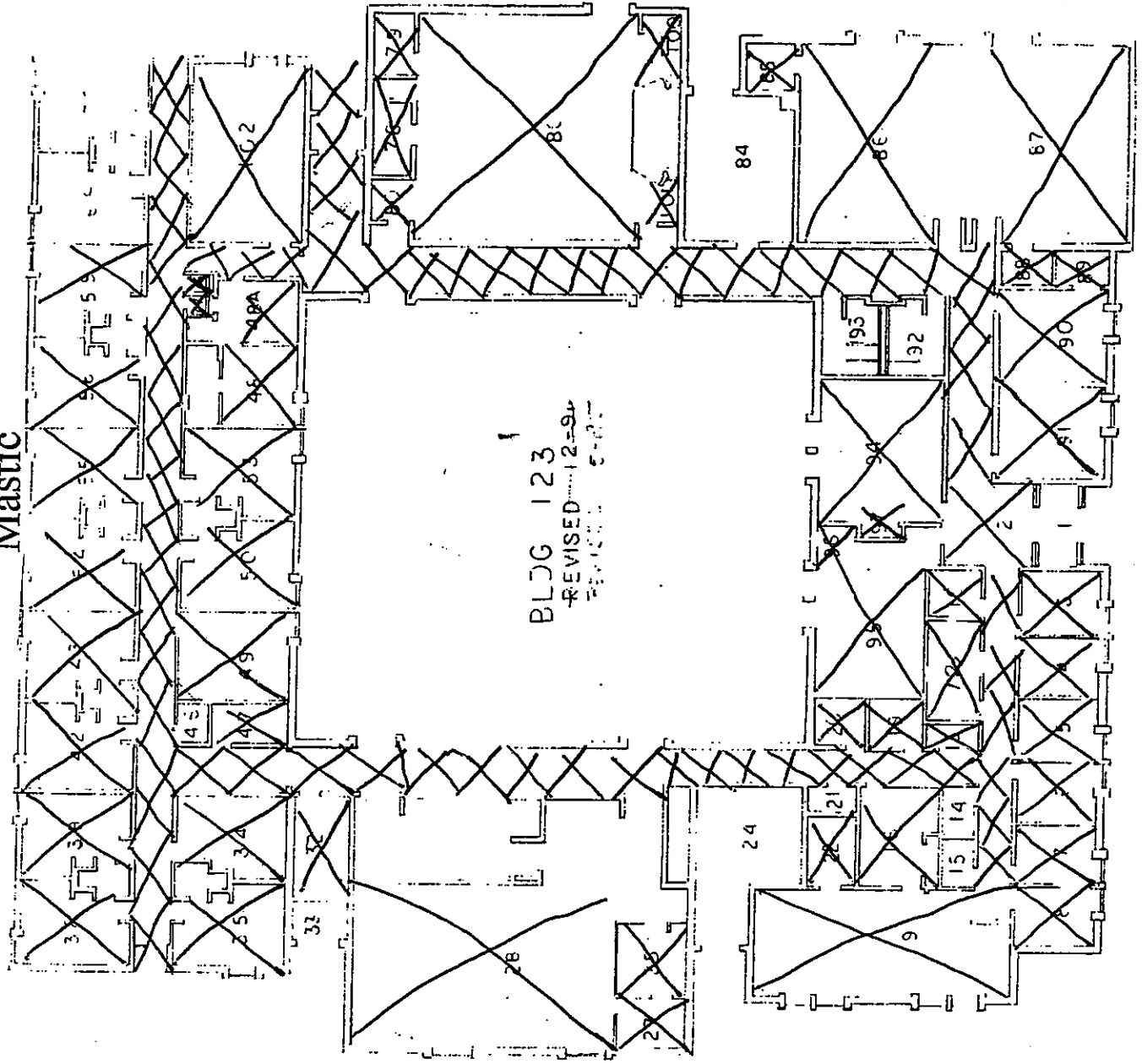
X = Mastic

Building 123

Mastic

R#	SO FT
2	116
4	118
5	116
6	116
7	116
8	116
9	530
10	65
12	132
13	56
14	43
15	43
16	100
18	65
20	60
21	35
22	87
24	365
25	134
27	98
28	1074
32	153
33	63
34	245
35	230
36	230
37	230
42	235
43	235
46	35
47	78
48	235
49A	120
49	237

R#	SO FT
50	238
53	235
54	235
55	230
56	238
58	238
59	238
65	13
67	13
68	235
70	230
78	107
79	65
80	1440
84	403
85	60
86	783
87	783
88	50
89	48
90	245
91	245
92	111
93	111
94	438
95	440
96	12
97	12
100	45
101	18
102	482
HALL	3238
WALL	300
TOTAL	18004



ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 15, 2000
Inspector Name: Brian Jones

Page 1 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-2061b	Mastic	Room 13 S.E. corner	Black mastic under 12 x 12 White w/ gray floor tile	36 sq. ft.	5% Chrysotile	5
MA-2062b	Mastic	Room 89 N.E. corner	Black mastic under 12 x 12 White w/ gray floor tile	49 sq. ft.	5% Chrysotile	5
MA-2063b	Mastic	Room 241 West wall	Black mastic under 12 x 12 White w/ gray floor tile	245 sq. ft.	5% Chrysotile	5
VAT-2064a	Floor tile	Room 85 N.E. corner	12 x 12 floor tile rust with white and black	60 sq. ft.	5% Chrysotile	5
MA-2064b	Mastic	Room 85 N.E. corner	Black mastic under 12 x 12 rust with white and black floor tile	60 sq. ft.	5% Chrysotile	5
VAT-2065a	Floor tile	Room 88 N.E. corner	12 x 12 floor tile rust with white and black	50 sq. ft.	5% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 15, 2000

Inspector Name: Brian Jones

Page 2 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-2065b	Mastic	Room 88 N.E. corner	Black mastic under 12 x 12 rust with white and black floor tile	50 sq. ft.	5% Chrysotile	5
VAT-2066a	Floor tile	Room 79 S.E. corner	12 x 12 floor tile rust with white and black	66 sq. ft.	5% Chrysotile	5
MA-2066b	Mastic	Room 79 S.E. corner	Black mastic under 12 x 12 rust with white and black floor tile	66 sq. ft.	5% Chrysotile	5
MA-2067b	Mastic	Room 10 N.E. corner	Black mastic under 12 x 12 White w/ tan floor tile	66 sq. ft.	5% Chrysotile	5
MA-2068b	Mastic	Room 96 S.W. corner	Black mastic under 12 x 12 White w/ tan floor tile	12 sq. ft.	5% Chrysotile	5
MA-2069b	Mastic	Room 97 S.W. corner	Black mastic under 12 x 12 White w/ tan floor tile	12 sq. ft.	5% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 15, 2000
Inspector Name: Brian Jones

Page 3 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-2070b	Mastic	Room 3 S.E. corner	Black mastic under 12 x 12 Brown w/ tan floor tile	118 sq. ft.	5% Chrysotile	5
MA-2071b	Mastic	Room 6 South wall	Black mastic under 12 x 12 Brown w/ tan floor tile	116 sq. ft.	5% Chrysotile	5
MA-2072b	Mastic	Room 78 N.E. corner	Black mastic under 12 x 12 Brown w/ tan floor tile	107 sq. ft.	5% Chrysotile	5
VAT-2073a	Floor tile	Room 16 East wall closet	12 x 12 floor tile yellow with tan and white	199 sq. ft.	5% Chrysotile	5
MA-2073b	Mastic	Room 16 East wall closet	Black mastic under 12 x 12 yellow with tan and white floor tile	199 sq. ft.	5% Chrysotile	5
VAT-2074a	Floor tile	Room 22 N.W. corner	12 x 12 floor tile yellow with tan and white	87 sq. ft.	5% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 123

Date: March 15, 2000
Inspector Name: Brian Jones

Page 4 of 4

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
MA-2074b	Mastic	Room 22 N.W. corner	Black mastic under 12 x 12 yellow with tan and white floor tile	87 sq. ft.	5% Chrysotile	5
VAT-2075a	Floor tile	Room 102 N.W. corner	12 x 12 floor tile yellow with tan and white	482 sq. ft.	5% Chrysotile	5
MA-2075b	Mastic	Room 102 N.W. corner	Black mastic under 12 x 12 yellow with tan and white floor tile	482 sq. ft.	5% Chrysotile	5
TA-2091	Tar	Room 89 above ceiling N.E. corner	Black tar on fiberglass insulation	All black tar	10% Chrysotile	1
TA-2092	Tar	Room 94 above ceiling south wall	Black tar on fiberglass insulation	All black tar	10% Chrysotile	1
TA-2093	Tar	Room 101 above ceiling S.E. corner	Black tar on fiberglass insulation	All black tar	10% Chrysotile	1

STATEMENT FOR ASBESTOS ASSESSMENT REPORT

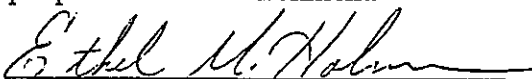
The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia, has been prepared and covers the following Building 123 Training Building.

I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.


Asbestos Inspector

3303 000407
License Number

AUG 2000
Date

BUILDING 124

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 124

Date: March 15, 2000
Inspector Name: Brian Jones

Page 1 of 3

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-2043	Floor Tile	Room 135 N.E. corner	White with tan 12" x 12" floor tile	102 sq. ft.	5% Chrysotile	5
VCT-2044	Floor tile	Room 134A N. E. corner	White with tan 12" x 12" floor tile	42 sq. ft.	5% Chrysotile	5
VCT-2045	Floor Tile	North Hallway S.E. corner	White with tan 12" x 12" floor tile	1,275 sq. ft.	5% Chrysotile	5
MA-2046	Mastic	Room 135 N.E. corner	Black Floor tile mastic	102 sq. ft.	10% Chrysotile	5
MA-2047	Mastic	Room 134A N. E. corner	Black Floor tile mastic	42 sq. ft.	10% Chrysotile	5
MA-2048	Mastic	North Hallway S.E. corner	Black Floor tile mastic	1,275 sq. ft.	10% Chrysotile	5
CT-2049	Ceiling Tile	Room 135 S.W. corner	White 2' x 2' ceiling tile	102 sq. ft.	0	
CT-2050	Ceiling Tile	Room 134A N. W. corner	White 2' x 2' ceiling tile	42 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 124

Date: March 15, 2000
Inspector Name: Brian Jones

Page 2 of 3

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-2051	Ceiling Tile	Room 120B S. W. corner	White 2'x 2' ceiling tile	135 sq. ft.	0	
SR-2052	Sheetrock	Room 101 North wall	Sheet rock wall construction	1,200 sq. ft.	0	
SR-2053	Sheetrock	Room 131 West wall at outlet	Sheet rock wall construction	706 sq. ft.	0	
SR-2054	Sheetrock	Room 120B West wall at light switch	Sheet rock wall construction	135 sq. ft.	0	
CB-2055	Cove base	Room 135 North wall center	Gray cove base	102 sq. ft.	0	
GM-2056	Cove base glue	Room 135 North wall center	Brown glue	102 sq. ft.	0	
CB-2057	Cove base	Room 134A West wall N. W. corner	Gray cove base	42 sq. ft.	0	
GM-2058	Cove base glue	Room 134A West wall N. W. corner	Brown glue	42 sq. ft.	0	
CB-2059	Cove base	Room 133 West wall N. E. corner	Gray cove base	346 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 124

Date: March 15, 2000

Page 3 of 3

Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-2060	Cove glue	Room 133 West wall N. E. corner	Brown glue	346 sq. ft.	0	
FD-HK-01	Fire Doors	Throughout building	Asbestos Fire Doors	One at each exit	See HK report	5

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 124

Major Agency: 720
Using Agency: 706
Construction Date: 1973
Gross Sq. Feet: 16635

Area Number: 1-Description: Mechanical Room

Note: Mechanical room has fiberglass lines with suspect elbows. There is a 15' of magnaesia pipe insulation with insignia joint mud on it. A total of 22 muds fitting, the chart below from original Hall Kimberll report.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
Beside Hot Water Heater	mud joint pipe covering	3	4.00	45	28.00	24.00	52.00
Along Exterior Wall	piping covering	3	15.00	50	75.00	75.00	150.00
Area Total:					103.00	99.00	202.00

Area Number: 2-Description: First Floor - Room 135 (Outside)

Note: There is 36lf of magnaesia pipe insulation above the suspended ceiling in the hallway.

Area Number: 3- Description: First Floor

Note: The pipes above drop ceiling were all fiberglass insulation with the exception Of a 36 foot magnaesia insulated line. This is odd because fiberglass was used Throughout building.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
Above Drop Ceiling	mud joint pipe covering	4	15.00	3	105.00	90.00	195.00
Above Drop Ceiling	pipe covering	4	36.00	20	180.00	180.00	360.00
Area Total:					<u>285.00</u>	<u>270.00</u>	<u>555.00</u>
Building 706-001-00124 Total:							<u>757.00</u>

HOLMES ENVIRONMENTAL, INC.

1600 East Little Creek Road, Suite 308

Norfolk, Virginia 23518

Office 757-587-1164 Fax 757-587-1352

E-Mail : henvinc@aol.com

Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRSAS

DATE OF RECEIPT: May 2, 2000

DATE OF ANALYSIS: May 2, 2000

DATE OF REPORT: July 3, 2000

CLIENT PROJECT NAME: Building 124, Western State Hospital, Staunton, Va.

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
2043	124-1/ White Tile	5% Chrysotile	5% Cellulose 90% Non-Fibrous
2044	124-2/ White Tile	5% Chrysotile	5% Cellulose 90% Non-Fibrous
2045	124-3/ White Tile	5% Chrysotile	5% Cellulose 90% Non-Fibrous
2046	124-4/ Mastic	10% Chrysotile	90% Non-Fibrous
2047	124-5/ Mastic	10% Chrysotile	90% Non-Fibrous
2048	124-6/ Mastic	10% Chrysotile	90% Non-Fibrous
2049	124-7/ Tan Fibrous Material	NAD	20% Fiberglass 40% Cellulose 40% Non-Fibrous
2050	124-8/ Tan Fibrous Material	NAD	20% Fiberglass 40% Cellulose 40% Non-Fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 124 Western State Hospital, Staunton, Va.

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
2051	124-9/ Tan Fibrous Material	NAD	20% Fiberglass 40% Cellulose 40% Non-Fibrous
2052	124-10/ White Powdery Material	NAD	5% Fiberglass 15% Cellulose 80% Non-Fibrous
2053	124-11/ White Powdery Material	NAD	5% Fiberglass 15% Cellulose 80% Non-Fibrous
2054	124-12/ White Powdery Material	NAD	5% Fiberglass 15% Cellulose 80% Non-Fibrous
2055	124-13/ Grey Rubber	NAD	100% Non-Fibrous
2056	124-13 A/ Brown Glue	NAD	100% Non-Fibrous
2057	124-14/ Grey Rubber	NAD	100% Non-Fibrous
2058	124-14 A/ Brown Glue	NAD	100% Non-Fibrous
2059	124-15/ Grey Rubber	NAD	100% Non-Fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRAS

CLIENT PROJECT NAME: Building 124 Western State Hospital, Staunton, Va.

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
2060	124-15 A/ Brown Glue	NAD	100% Non-Fibrous

REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature: Ethel M. Holmes
Ethel M. Holmes, Laboratory Director
Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND: NAD: no asbestos detected SCF: suspected ceramic fibers

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 124

Date: March 15, 2000
Inspector Name: Brian Jones

Page 1 of 2

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-2049	Ceiling Tile	Room 135 S.W. corner	White 2' x 2' ceiling tile	102 sq. ft.	0	
CT-2050	Ceiling Tile	Room 134A N. W. corner	White 2' x 2' ceiling tile	42 sq. ft.	0	
CT-2051	Ceiling Tile	Room 120B S. W. corner	White 2' x 2' ceiling tile	135 sq. ft.	0	
SR-2052	Sheetrock	Room 101 North wall	Sheet rock wall construction	1,200 sq. ft.	0	
SR-2053	Sheetrock	Room 131 West wall at outlet	Sheet rock wall construction	706 sq. ft.	0	
SR-2054	Sheetrock	Room 120B West wall at light switch	Sheet rock wall construction	135 sq. ft.	0	
CB-2055	Cove base	Room 135 North wall center	Gray cove base	102 sq. ft.	0	
GM-2056	Cove base glue	Room 135 North wall center	Brown glue	102 sq. ft.	0	
CB-2057	Cove base	Room 134A West wall N. W. corner	Gray cove base	42 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 124

Date: March 15, 2000

Page 2 of 2

Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
GM-2058	Cove base glue	Room 134A West wall N. W. corner	Brown glue	42 sq. ft	0	
CB-2059	Cove base	Room 133 West wall N. E. corner	Gray cove base	346 sq. ft	0	
GM-2060	Cove glue	Room 133 West wall N. E. corner	Brown glue	346 sq. ft	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET

ATTN: Lynn Wilkens

COMPANY: _____

SUBJECT: Dept of MentalHealth - Asbestos fire door.DATE: 8/21/00FROM: Debbie WagnerPHONE: 1-800-678-8910FAX: 1-920-487-3636Lynn -

Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1

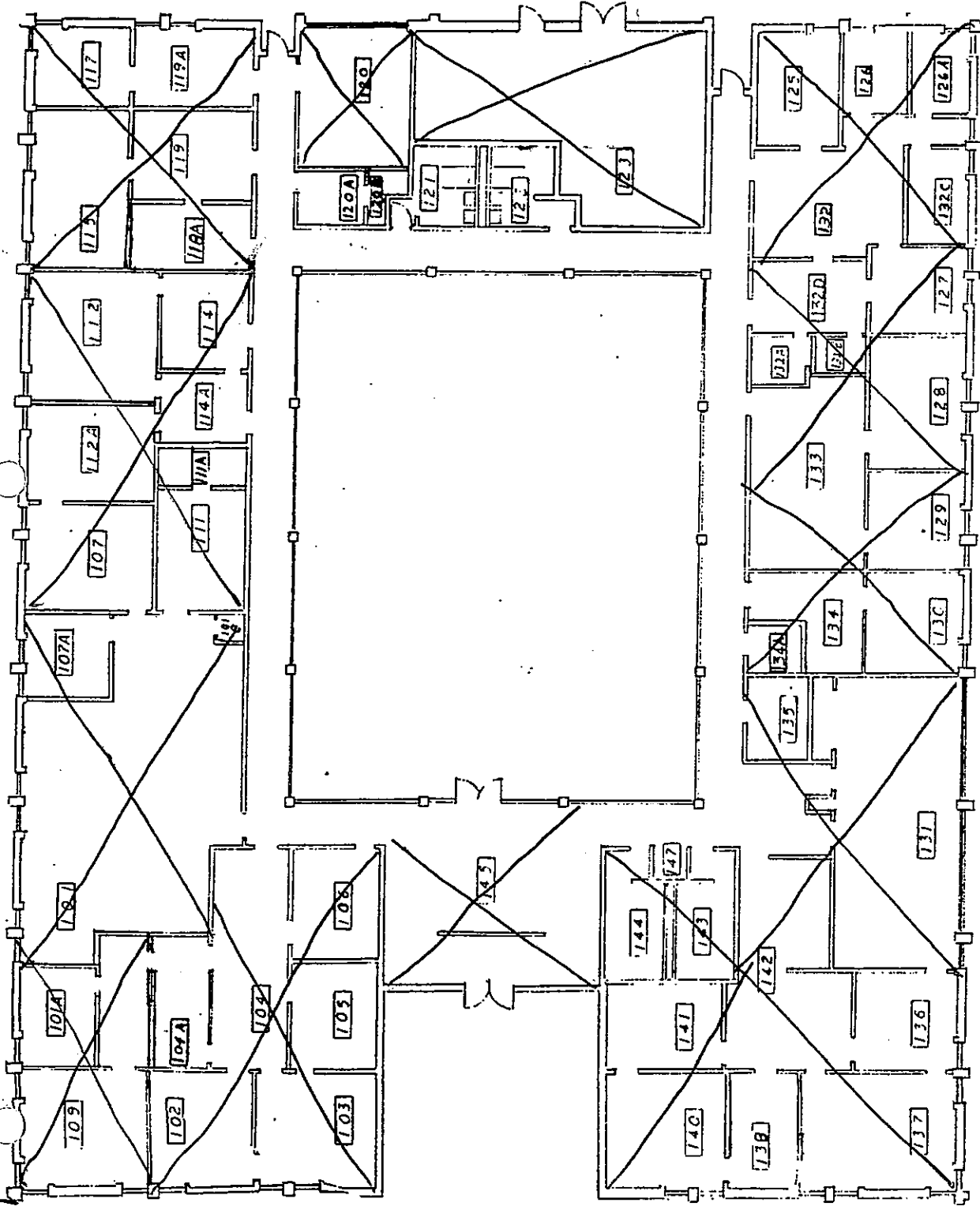
IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.

Debbie Wagner

BLDG. #124
 & BLDG.

X = Masti

124



Exterior Walls	1,465
Interior Walls	758
Area Way	820
Corridors	1,275
TOTAL	4,318

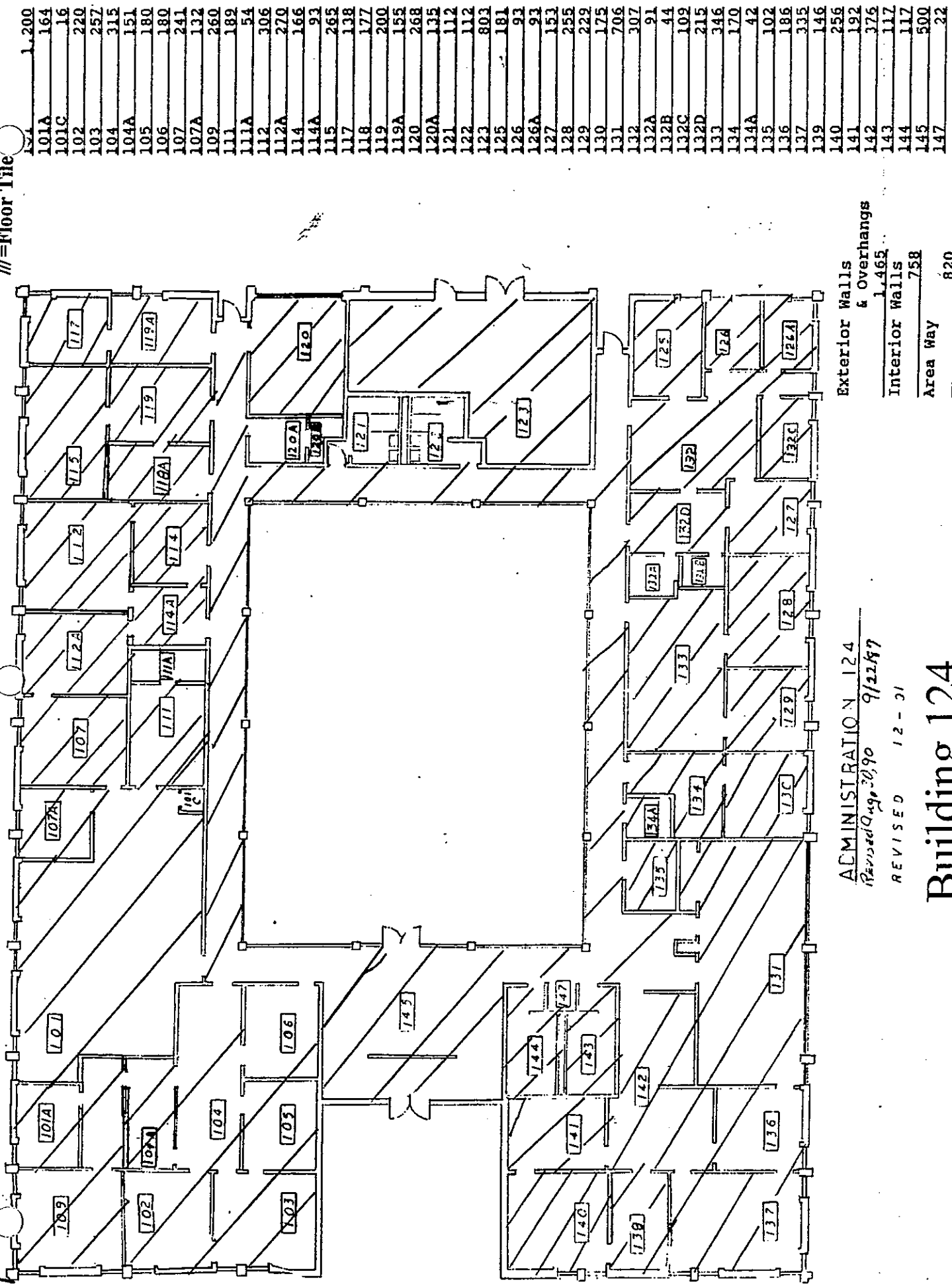
ADMINISTRATION 124
 Revised 9/22/87
 REVISED 12-31

Building 124 Mastic

101A	1,200
101B	164
101C	16
102	220
103	257
104	315
104A	151
105	180
106	180
107	241
107A	132
109	260
111	182
111A	54
112	306
112A	270
114	166
114A	93
115	265
117	138
118	177
119	200
119A	155
120	268
120A	135
121	112
122	112
123	803
125	181
126	93
126A	93
127	153
128	255
129	229
130	175
131	706
132	307
132A	91
132B	44
132C	109
132D	215
133	346
134	170
134A	42
135	102
136	186
137	335
139	146
140	256
141	192
142	375
143	117
144	117
145	500
147	22

///=Floor Tile

124

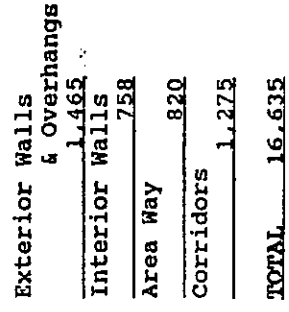


Exterior Walls & Overhangs	1,465
Interior Walls	758
Area Way	820
Corridors	1,275
TOTAL	1,275

ADMINISTRATION 124
Revised 9/22/90
REVISED 12-31

Building 124 Floor Tile

Ⓟ = Piping



REVISÉD 12-71.

Building 124 Piping Insulation

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 124

Date: March 15, 2000

Page 1 of 2

Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VCT-2043	Floor Tile	Room 135 N.E. corner	White with tan 12" x 12" floor tile	102SF	5% Chrysotile	5
VCT-2044	Floor tile	Room 134A N. E. corner	White with tan 12" x 12" floor tile	42 SF	5% Chrysotile	5
VCT-2045	Floor Tile	North Hallway S.E. corner	White with tan 12" x 12" floor tile	1,275 SF	5% Chrysotile	5
MA-2046	Mastic	Room 135 N.E. corner	Black Floor tile mastic under White with tan 12" x 12" floor tile	102 SF	10% Chrysotile	5
MA-2047	Mastic	Room 134A N. E. corner	Black Floor tile mastic under White with tan 12" x 12" floor tile	42 SF	10% Chrysotile	5
MA-2048	Mastic	North Hallway S.E. corner	Black Floor tile mastic under White with tan 12" x 12" floor tile	1,275 SF	10% Chrysotile	5
PC-HK-01	Pipe Covering	Mechanical Room	Mud/joint pipe covering	22 mud fittings	See HK report	5
PC-HK-02	Pipe Covering	First Floor- Room	Mud/joint pipe covering	15 mud elbows	See HK report	5
PC-HK-03	Pipe Covering	First Floor- Room 135 (Outside)	Mud/joint pipe covering	36 LF magnesia piping	See HK report	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 124

Date: March 15, 2000

Page 2 of 2

Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
FD-HK-04	Fire Doors	Throughout building	Asbestos Fire Doors	One at each exit	See HK report	5

STATEMENT FOR ASBESTOS ASSESSMENT REPORT

The enclosed asbestos assessment report for Western State Hospital, Staunton, Virginia, has been prepared and covers the following Building 124 Administration Building. I certify that I have surveyed each of the buildings, interviewed facility personnel and supervised technicians for the examination of available records related to the buildings.

Based on the information gathered through the above activities and on the expected extent of renovation as explained to me by the Department of Mental Health, Mental Retardation, and Substance Abuse Service of the A/E on this project, I have devised a sampling plan and I have supervised the trained Asbestos Inspector during the collection of the samples.

Holmes Environmental, Inc. is a qualified analytical laboratory for testing asbestos using PLM (Polarized Light Microscopy), and I have evaluated the sampling results to ensure that statistically viable results on asbestos hazards were available for all buildings involved.

Based on the above information, I have prepared the attached asbestos hazard assessment report. This report reflects the best-known Asbestos Management Policy for the Department Health, Mental Retardation, and Substance Abuse Services and all applicable regulation. An abatement design that will be prepared on the basis of this report, and construction activities, which will be executed by a qualified abatement contractor, will achieve the desired decontamination of the impacted areas and minimize exposure to people and the environment.


Asbestos Inspector

3303 000407
License Number

AUG 2000
Date

BUILDING 127

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 1 of 6
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
ME-1559	Mud Fitting Elbows	Basement Room B4 N.W. corner	Gray mud/elbow fitting	125 mud	0	4
ME-1560	Mud Fitting Elbows	Basement Room B4. S.W. corner	Gray mud/elbow fitting	125 mud	0	4
ME-1561	Mud Fitting Elbows	Basement Room B-1C N.W. corner ceiling	Gray mud/elbow fitting	8 mud fitting	0	4
VAT-1562	Floor Tile	Basement Stairway #6 N.W. corner	White with tan 12" x12" floor tile	379 sq. ft.	5% Chrysotile	5
VAT-1563	Floor Tile	Basement Stairway #5 N.E. corner	White with tan 12" x12" floor tile	379 sq. ft.	10% Chrysotile	5
VAT-1564	Floor Tile	First floor stairway #3 North wall	White with tan 12" x12" floor tile	878 sq. ft.	2% Chrysotile	5
VAT-1565	Floor Tile	Basement Room B-1C North wall	White with gray 12" x12" floor tile	129 sq. ft.	0	7
MA-1565 B	Mastic	Basement Room B-1C North wall	Black mastic	129 sq. ft.	10% Chrysotile	5
VAT-1566	Floor Tile	First floor Room 121 N.E. corner	White with gray 12" x12" floor tile	73 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 2 of 6
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1567A	Floor Tile	Second Floor Room 222 North wall	White with gray 12" x12" floor tile	24 sq. ft.	0	
MA-1567 B	Mastic	Second Floor Room 222 North wall	Black mastic	24 sq. ft.	5% Chrysotile	5
MA-1568	Mastic	Basement Room B-1C North wall	Black mastic	129 sq. ft.	5% Chrysotile	5
MA-1569	Mastic	First floor Room 121 N.E. corner	Black mastic	73 sq. ft.	10% Chrysotile	5
MA-1570	Mastic	Second floor Room 222 North wall	Black mastic	24 sq. ft.	10% Chrysotile	5
SI-1571	Ceiling	Basement Room B-3 S. W. corner	White toweled on ceiling material	130 sq. ft.	0	
SI-1572	Ceiling	1 st floor Room 1C Center of ceiling	White toweled on ceiling material	79 sq. ft.	0	
SI-1573	Ceiling	2 nd floor Room 2C Center of ceiling	White toweled on ceiling material	118 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 3 of 6
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SI-1574	Trowel-on ceiling	2 nd floor Room 214 S. W. corner	White troweled on ceiling material	24 sq. ft.	0	
SI-1575	Trowel-on ceiling	3 rd floor Room 311	White troweled-on ceiling material	154 sq. ft.	0	
SI-1576	Sprayed-on ceiling	Basement Room B-1B S. E. corner	White sprayed-on ceiling material	114 sq. ft.	0	
SI-1577	Sprayed-on ceiling	Basement room B-1C S. E. corner	White sprayed-on ceiling material	129 sq. ft.	0	
SI-1578	Sprayed-on ceiling	Basement Room B-2 N.W. corner	White sprayed-on ceiling material	12 sq. ft.	0	
SI-1579	Sprayed-on ceiling	1 st floor Room 130 S. W. corner	White sprayed-on ceiling material	24 sq. ft.	0	
SI-1580	Sprayed-on ceiling	1 st floor Room 121 N. E. corner	White sprayed-on ceiling material	73 sq. ft.	0	
SI-1581	Sprayed-on ceiling	2 nd floor Room 221 N. E. corner	White sprayed-on ceiling material	13 sq. ft.	0	
SI-1582	Sprayed-on ceiling	3 rd floor Room 326 S. W. corner	White sprayed-on ceiling material	125 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 4 of 6
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1583	Ceiling Tile	Basement Room B-1C East side	White 2' x 2' ceiling tile	129 sq. ft.	0	
CT-1584	Ceiling Tile	1 st floor Room 111 N.W. corner	White 2' x 2' ceiling tile	181 sq. ft.	0	
CT-1585	Ceiling Tile	1 st floor Room 116 West side	White 2' x 2' ceiling tile	101 sq. ft.	0	
CT-1586	Ceiling Tile	1 st floor Room 117 South end	White 2' x 4' ceiling tile	180 sq. ft.	0	
CT-1587	Ceiling Tile	1 st floor Room 117 West end	White 2' x 4' ceiling tile	180 sq. ft.	0	
CT-1588	Ceiling Tile	1 st floor Room 117 North end	White 2' x 4' ceiling tile	180 sq. ft.	0	
SR-1589A	Sheet rock	Basement Room B-2 East wall	Sheet rock wall material	12 sq. ft.	0	
JC-1589 B	Joint Compound	Basement Room B-2 East wall	Joint compound	12 sq. ft.	5 % Chrysotile	5
SR-1590	Sheet rock	1 st floor Room 116 East wall	Sheet rock wall material	101 sq. ft.	0	5

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 5 of 6
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SR-1591A	Sheet rock	3 rd floor Room 300 West wall	Sheet rock wall material	206 sq. ft.	0	
JC-1591 B	Joint Compound	3 rd floor Room 300 West wall	Joint compound	206 sq. ft.	5% Chrysotile	5
CB-1592	Cove base	Basement room B1 S.E. corner	Cove base	655 sq. ft.	0	
CB-1593	Cove base	1 st floor Room 116 West wall	Cove base	101 sq. ft.	0	
CB-1594	Cove base	2 nd floor Room 232 South wall	Cove base	22 sq. ft.	0	
GM-1595	Glue	Basement room B1 S.E. corner	Cove base glue	655 sq. ft.	0	
GM-1596	Glue	1 st floor Room 116 West wall	Cove base glue	101 sq. ft.	0	
GM-1597	Glue	2 nd floor Room 232 South wall	Cove base glue	22 sq. ft.	0	
RS-1598	Roof Shingle	Roof over Room 339	Brown roof shingle	158 sq. ft.	0	

SAMPLE INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 6 of 6
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
RS-1599	Roof Shingle	Roof over Room 333	Brown roof shingle	263 sq. ft.	0	
RS-1600	Roof Shingle	Roof over Room 300	Brown roof shingle	206 sq. ft.	0	
IN-1601	Insulation	2 nd floor middle stairway	Fire door insulation	1 Door	0	
B-HK-01	Insulation	Basement-mechanical room	Boiler/tank insulation	125 mud	See HK report	1
PC-HK-02	Pipe Covering	Third floor-Room 326	Mud joint packing	9 lf.	See HK report	1
CT-HK-03	Ceiling Tile	Basement /First Floor	Semi permanent ceiling	400 sq. ft.	See HK report	7

Holmes Environmental, Inc.
Commonwealth Assessment Study
Report Date: 08-28-00

Facility: Western State Hospital
Building Number: 127

Major Agency: 720
Using Agency: 706
Construction Date: 1975
Gross Sq. Feet: 46940

Area Number: 1-Description: Basement-Room B1C and B4

Note: All lines are fiberglass insulated. The insulation and fittings was tested, result were non-asbestos containing material.

Area Number: 2-Description: Basement

Note: All lines are fiberglass insulated with suspect fittings the fittings are muddle joint packing over a layer of fiberglass.

Area Description/Location of Material	Bulk Sample Description	Priority	Qty	Asb	Remove	Replace	Total
Mechanical room hot water tank	boiler/tank insulation	4	13.00	20	143.00	104.00	247.00
				Area Total:	143.00	104.00	247.00

Area Number: 3-Description: Basement & 1st Floor - Semi permanent Ceilings

Note: Drop ceiling exist in only one room on each floor. It is hung from the permanent sheetrock ceiling. The 2x2-ceiling tile was tested, result were non-asbestos containing material.

Area Number: 4- Description: Third Floor-Room 326

Note: The pipe is located in the corner of the wall. The pipeline are fiberglass insulated, the elbow are a mud joint packing.

HOLMES ENVIRONMENTAL, INC.
1600 East Little Creek Road, Suite 308
Norfolk, Virginia 23518
Office 757-587-1164 Fax 757-587-1352
E-Mail : henvinc@aol.com
Web-site: www.homesenv.baweb.com

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: DMHMRAS

DATE OF RECEIPT: May 1, 2000

DATE OF ANALYSIS: May 1, 2000

DATE OF REPORT: May 30, 2000

CLIENT PROJECT NAME: Building 127, Western State Hospital, Staunton, Va

HEI SAMPLE #	CLIENT SAMPLE #/ LAB GROSS DESCRIPTION	%ASBESTOS	OTHER MATERIALS
1559	127-1/ Gray mud elbow fitting	NAD	40% Fiber-glass 60% Non-fibrous
1560	127-2/ Gray mud elbow fitting	NAD	40% Fiber-glass 60% Non-fibrous
1561	127-3/ Gray mud elbow fitting	NAD	40% Fiber-glass 60% Non-fibrous
1562	127-4/ White floor tile	5% Chrysotile	95% Non-fibrous
1563	127-5/ White floor tile	10% Chrysotile	90% Non-fibrous
1564	127-6/ White floor tile	2% Chrysotile	98% Non-fibrous
1565a	127-7a/ White floor tile	NAD	100% Non-fibrous
1565b	127-7b/ Mastic	10% Chrysotile	90% Non-fibrous
1566	127-8/ White floor tile	NAD	100% Non-fibrous
1567a	127-9a/ White floor tile	NAD	5% Cellulose 95% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 127, Western State Hospital, Staunton, Va

1567b	127-9b/ Mastic	5% Chrysotile	95% Non-fibrous
1568	127-10/ Mastic	5% Chrysotile	95% Non-fibrous
1569	127-11/ Mastic	10% Chrysotile	90% Non-fibrous
1570	127-12/ Mastic	10% Chrysotile	90% Non-fibrous
1571	127-13/ Trowl-on ceiling material	NAD	5% Cellulose 95% Non-fibrous
1572	127-14/ Trowl-on ceiling material	NAD	5% Cellulose 95% Non-fibrous
1573	127-15/ Trowl-on ceiling material	NAD	100% Non-fibrous
1574	127-16/ Trowl-on ceiling material	NAD	100% Non-fibrous
1575	127-17/ Trowl-on ceiling material	NAD	100% Non-fibrous
1576	127-18/ Spray-on ceiling material	NAD	100% Non-fibrous
1577	127-19/ Spray-on ceiling material	NAD	10% Cellulose 90% Non-fibrous
1578	127-20/ Spray-on ceiling material	NAD	5% Cellulose 95% Non-fibrous
1579	127-21/ Spray-on ceiling material	NAD	100% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 127, Western State Hospital, Staunton, Va

1580	127-22/ Spray-on ceiling material	NAD	100% Non-fibrous
1581	127-23/ Spray-on ceiling material	NAD	5% Cellulose 95% Non-fibrous
1582	127-24/ Spray-on ceiling material	NAD	5% Cellulose 95% Non-fibrous
1583	127-25/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1584	127-26/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1585	127-27/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1586	127-28/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1587	127-29/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1588	127-30/ White ceiling tile	NAD	40% Fiber-glass 40% Cellulose 20% Non-fibrous
1589a	127-31a/ Sheetrock	NAD	20% Fiber-glass 30% Cellulose 50% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRSAS

CLIENT PROJECT NAME: Building 127 Western State Hospital, Stanton, Va

1589b	127-31b/ Joint compound	2% Chrysotile	98% Non-fibrous
1590	127-32/ Sheetrock	NAD	20% Fiber-glass 30% Cellulose 50% Non-fibrous
1591a	127-33a/ Sheetrock	NAD	20% Fiberglass 40% Cellulose 40% Non-fibrous
1591b	127-33b/ Joint compound	5% Chrysotile	95% Non-fibrous
1592	127-34/ Covebase	NAD	100% Non-fibrous
1593	127-35/ Covebase	NAD	100% Non-fibrous
1594	127-36/ Covebase	NAD	100% Non-fibrous
1595	127-37/ Covebase glue	NAD	100% Non-fibrous
1596	127-38/ Covebase glue	NAD	100% Non-fibrous
1597	127-39/ Covebase glue	NAD	100% Non-fibrous
1598	127-40/ Brown roof shingle	NAD	25% Fiber-glass 40% Cellulose 35% Non-fibrous
1599	127-41/ Brown roof shingle	NAD	25% Fiber-glass 40% Cellulose 35% Non-fibrous
1600	127-42/ Brown roof shingle	NAD	25% Fiber-glass 40% Cellulose 35% Non-fibrous

HOLMES ENVIRONMENTAL, INC.
(757) 587-1164 fax (757) 587-1352

CLIENT: DMHMRAS

CLIENT PROJECT NAME: Building 127 Western State Hospital, Staunton, Va

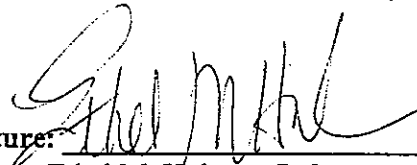
1601 127-43/ Fire door insulation NAD 100% Fiber-glass

REPORTING LIMIT: 1% Asbestos

METHOD: EPA-600/M4-82-020

ANALYST: Ethel M. Holmes, Holmes Environmental, Inc.

Reviewed by Authorized Signature:



Ethel M. Holmes, Laboratory Director
Lynn Wilkins, QA/QC Compliance Officer

Results represent the analysis of samples submitted by the client. A sample location, description, area, volume, etc., was not provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Holmes Environmental, Inc., NVLAP Certification # 200467-0.

Holmes Environmental, Inc. recommends re-analysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

LEGEND: NAD: no asbestos detected
 SCF: suspected ceramic fibers

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 1 of 5
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
ME-1559	Mud Fitting Elbows	Basement Room B4 N.W. corner	Gray mud/elbow fitting	125 mud	See HK report	
ME-1560	Mud Fitting Elbows	Basement Room B4 S.W. corner	Gray mud/elbow fitting	125 mud	See HK report	
ME-1561	Mud Fitting Elbows	Basement Room B-1C N.W. corner ceiling	Gray mud/elbow fitting	8 mud fitting	See HK report	
VAT-1565A	Floor Tile	Basement Room B-1C North wall	White with gray 12" x12" floor tile	129 sq. ft.	0	
VAT-1566	Floor Tile	First floor Room 121 N.E. corner	White with gray 12" x12" floor tile	73 sq. ft.	0	
VAT-1567	Floor Tile	Second Floor Room 222 North wall	White with gray 12" x12" floor tile	24 sq. ft.	0	
SI-1571	Trowel-on ceiling	Basement Room B-3 S. W. corner	White troweled-on ceiling material	130 sq. ft.	0	
SI-1572	Trowel-on ceiling	1 st floor Room 1C Center of ceiling	White troweled-on ceiling material	79 sq. ft.	0	
SI-1573	Trowel-on ceiling	2 nd floor Room 2C Center of ceiling	White troweled-on ceiling material	118 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000
Inspector Name: Brian Jones

Page 2 of 5

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SI-1574	Trowel-on ceiling	2 nd floor Room 214 S. W. corner	White troweled-on ceiling material	24 sq. ft.	0	
SI-1575	Trowel-on ceiling	3 rd floor Room 311	White troweled-on ceiling material	154 sq. ft.	0	
SI-1576	Sprayed-on ceiling	Basement Room B-1B S. E. corner	White sprayed-on ceiling material	114 sq. ft.	0	
SI-1577	Sprayed-on ceiling	Basement room B-1C S. E. corner	White sprayed-on ceiling material	129 sq. ft.	0	
SI-1578	Sprayed-on ceiling	Basement Room B-2 N.W. corner	White sprayed-on ceiling material	12 sq. ft.	0	
SI-1579	Sprayed-on ceiling	1 st floor Room 130 S. W. corner	White sprayed-on ceiling material	24 sq. ft.	0	
SI-1580	Sprayed-on ceiling	1 st floor Room 121 N. E. corner	White sprayed-on ceiling material	73 sq. ft.	0	
SI-1581	Sprayed-on ceiling	2 nd floor Room 221 N. E. corner	White sprayed-on ceiling material	13 sq. ft.	0	
SI-1582	Sprayed-on ceiling	3 rd floor Room 326 S. W. corner	White sprayed-on ceiling material	125 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 3 of 5
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
CT-1583	Ceiling Tile	Basement Room B-1C East side	White 2' x 2' ceiling tile	129 sq. ft.	0	
CT-1584	Ceiling Tile	1 st floor Room 111 N.W. corner	White 2' x 2' ceiling tile	181 sq. ft.	0	
CT-1585	Ceiling Tile	1 st floor Room 116 West side	White 2' x 2' ceiling tile	101 sq. ft.	0	
CT-1586	Ceiling Tile	1 st floor Room 117 South end	White 2' x 4' ceiling tile	180 sq. ft.	0	
CT-1587	Ceiling Tile	1 st floor Room 117 West end	White 2' x 4' ceiling tile	180 sq. ft.	0	
CT-1588	Ceiling Tile	1 st floor Room 117 North end	White 2' x 4' ceiling tile	180 sq. ft.	0	
SR-1589A	Sheet rock	Basement Room B-2 East wall	Sheet rock wall material	12 sq. ft.	0	
JC-1589 B	Joint Compound	Basement Room B-2 East wall	Joint compound	12 sq. ft.	0	
SR-1590	Sheet rock	1 st floor Room 116 East wall	Sheet rock wall material	101 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
 Building No.: 127

Date: March 21, 2000
 Inspector Name: Brian Jones

Page 4 of 5

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
SR-1591A	Sheet rock	3 rd floor Room 300 West wall	Sheet rock wall material	206 sq. ft.	0	
SR-1591B	Sheet rock	3 rd floor Room 300 West wall	Joint Compound	206 sq. ft.	0	
CB-1592	Cove base	Basement room B1 S.E. corner	Cove base	655 sq. ft.	0	
CB-1593	Cove base	1 st floor Room 116 West wall	Cove base	101 sq. ft.	0	
CB-1594	Cove base	2 nd floor Room 232 South wall	Cove base	22 sq. ft.	0	
GM-1595	Glue	Basement room B1 S.E. corner	Cove base glue	655 sq. ft.	0	
GM-1596	Glue	1 st floor Room 116 West wall	Cove base glue	101 sq. ft.	0	
GM-1597	Glue	2 nd floor Room 232 South wall	Cove base glue	22 sq. ft.	0	
RS-1598	Roof Shingle	Roof over Room 339	Brown roof shingle	185 sq. ft.	0	

NON-ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 5 of 5
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
RS-1599	Roof Shingle	Roof over Room 333	Brown roof shingle		0	
RS-1600	Roof Shingle	Roof over Room 300	Brown roof shingle	1	0	
IN-1601	Insulation	2 nd floor middle stairway	Fire door insulation	1	0	

Fire Doors

There are fire doors throughout the building. The doors are marked on the drawing are PACM.

Note: The only information we could find reference the fire doors were from Algoma Hardwoods, Inc. (see the attach sheet).

FACSIMILE COVER SHEET



ATTN: Lynn Wilkens

COMPANY: _____

SUBJECT: Dept. of Mental

Health - Asbestos fire door.

DATE: 8/21/00
FROM: Debbie Wagner
PHONE: 1-800-678-8910
FAX: 1-920-487-3636

Lynn -

Per our phone conversation,
Algoma Hardwoods discontinued the
use of asbestos in our fire door
cores in November 1980. Any doors
manufactured after that date will
not contain asbestos.

Unless we can pin point the
exact date of manufacture, this
is the best I can do to answer
your question.

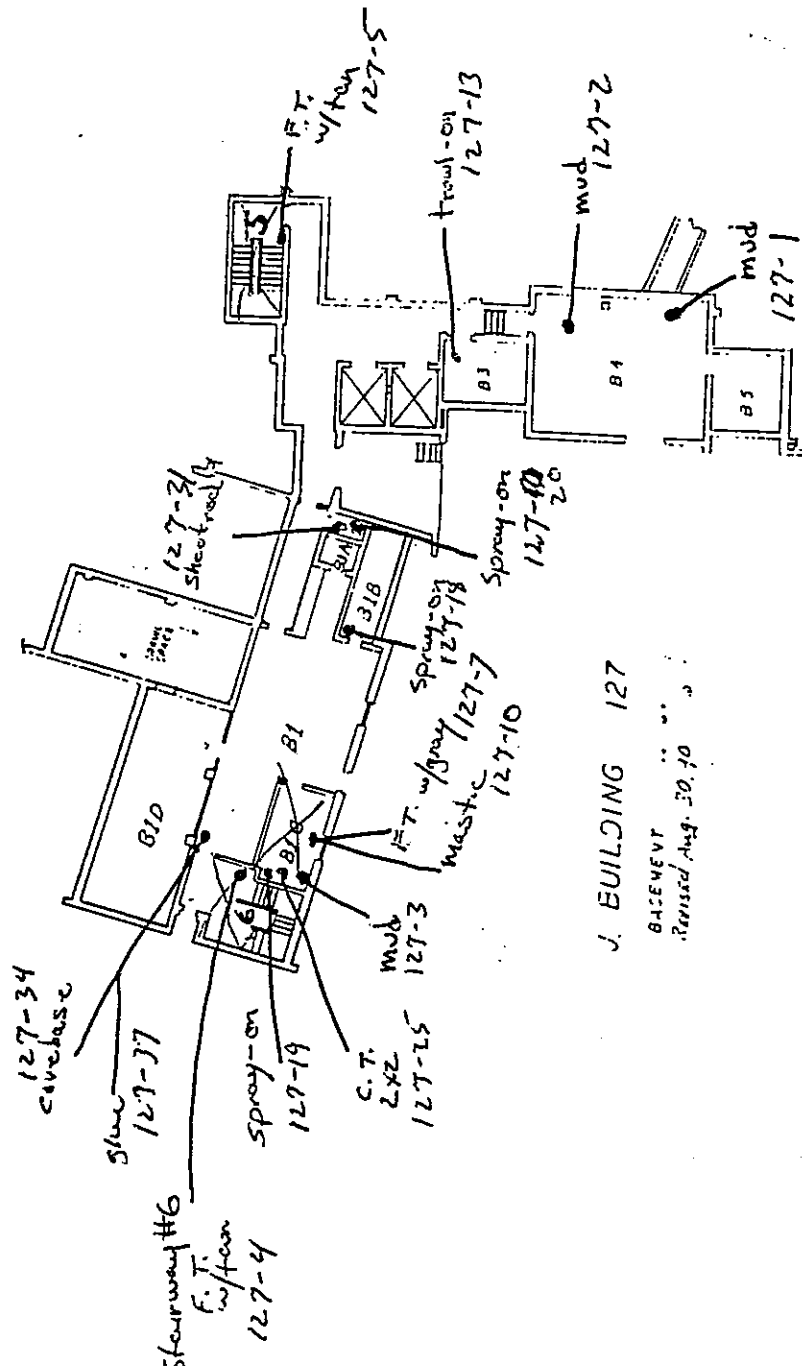
NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET 1

IF THERE ARE ANY QUESTIONS OR IF YOU HAVE NOT RECEIVED ALL DOCUMENTS,
PLEASE CALL 1-800-678-8910. THANK YOU.

Debbie Wagner

1001 PERRY STREET, ALGOMA, WISCONSIN 54201



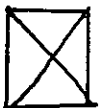


J. BUILDING 127

RECEIVED
REVISIT Aug. 30, 1907

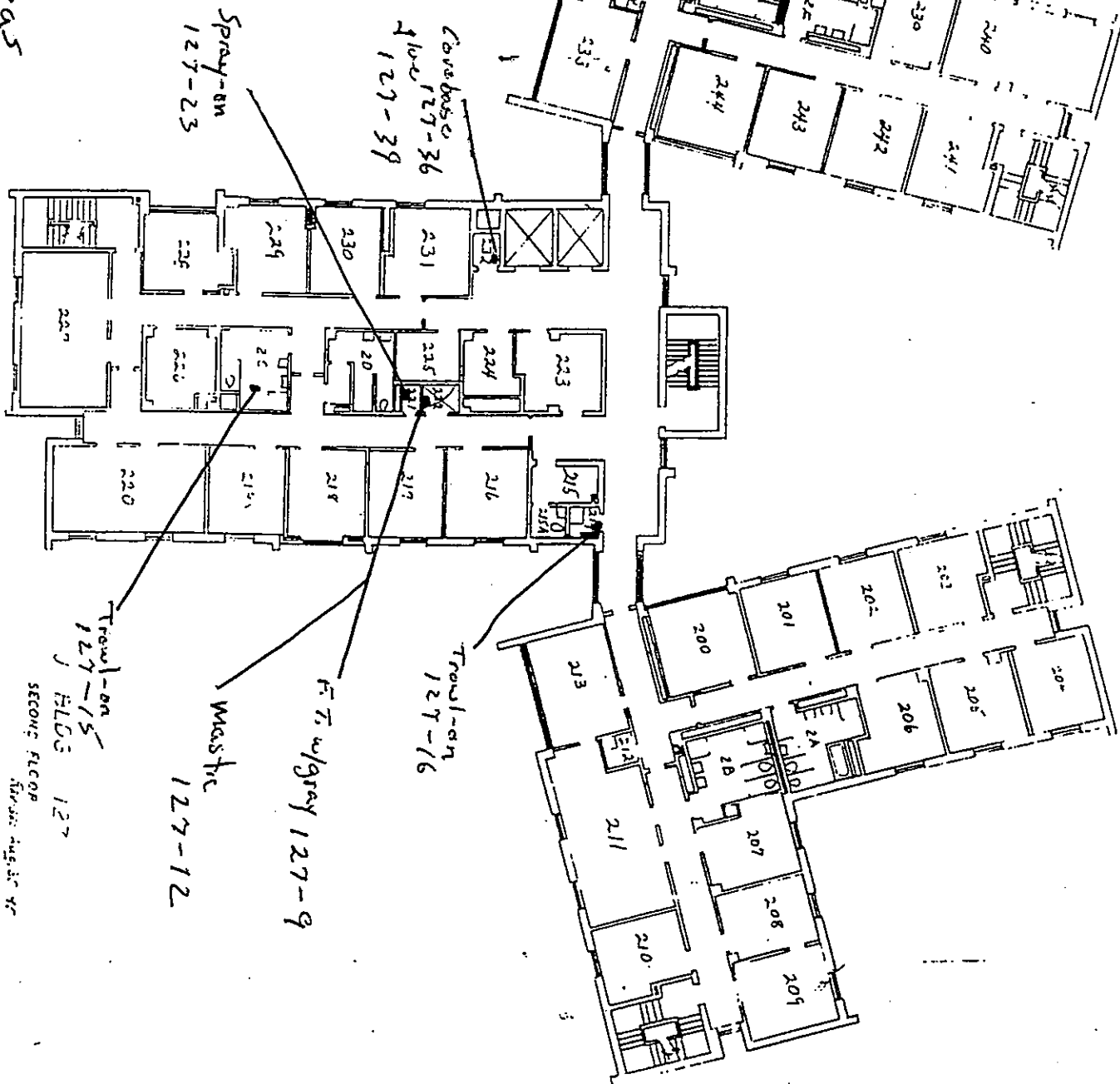
<u>Mfg.</u>	<u>1977</u>	<u>Jessamine</u>
In.	Sq. Ft.	
1-1	115	
1-11	15	
1-11	23	
1-1C	29	
1-1D	41	
1-1	17	
1-1	28	
1-A	36	
1-B	15	
1-C	36	
1-D	17	
1-E	21	
1-F	11	
1-G	11	
TOTAL	371	


 = Indicates ACM Areas
 • Floor tile



Indicates ACM Areas
Floor tile/Mastic

July, 1911	Aug. 1911	Sept. 1911	Oct. 1911	Nov. 1911	Dec. 1911	Jan. 1912	Feb. 1912	Mar. 1912	Apr. 1912	May 1912	June 1912	July 1912	Aug. 1912	Sept. 1912	Oct. 1912	Nov. 1912	Dec. 1912	Jan. 1913	Feb. 1913	Mar. 1913	Apr. 1913	May 1913	June 1913	July 1913	Aug. 1913	Sept. 1913	Oct. 1913	Nov. 1913	Dec. 1913	Jan. 1914	Feb. 1914	Mar. 1914	Apr. 1914	May 1914	June 1914	July 1914	Aug. 1914	Sept. 1914	Oct. 1914	Nov. 1914	Dec. 1914	Jan. 1915	Feb. 1915	Mar. 1915	Apr. 1915	May 1915	June 1915	July 1915	Aug. 1915	Sept. 1915	Oct. 1915	Nov. 1915	Dec. 1915	Jan. 1916	Feb. 1916	Mar. 1916	Apr. 1916	May 1916	June 1916	July 1916	Aug. 1916	Sept. 1916	Oct. 1916	Nov. 1916	Dec. 1916	Jan. 1917	Feb. 1917	Mar. 1917	Apr. 1917	May 1917	June 1917	July 1917	Aug. 1917	Sept. 1917	Oct. 1917	Nov. 1917	Dec. 1917	Jan. 1918	Feb. 1918	Mar. 1918	Apr. 1918	May 1918	June 1918	July 1918	Aug. 1918	Sept. 1918	Oct. 1918	Nov. 1918	Dec. 1918	Jan. 1919	Feb. 1919	Mar. 1919	Apr. 1919	May 1919	June 1919	July 1919	Aug. 1919	Sept. 1919	Oct. 1919	Nov. 1919	Dec. 1919	Jan. 1920	Feb. 1920	Mar. 1920	Apr. 1920	May 1920	June 1920	July 1920	Aug. 1920	Sept. 1920	Oct. 1920	Nov. 1920	Dec. 1920	Jan. 1921	Feb. 1921	Mar. 1921	Apr. 1921	May 1921	June 1921	July 1921	Aug. 1921	Sept. 1921	Oct. 1921	Nov. 1921	Dec. 1921	Jan. 1922	Feb. 1922	Mar. 1922	Apr. 1922	May 1922	June 1922	July 1922	Aug. 1922	Sept. 1922	Oct. 1922	Nov. 1922	Dec. 1922	Jan. 1923	Feb. 1923	Mar. 1923	Apr. 1923	May 1923	June 1923	July 1923	Aug. 1923	Sept. 1923	Oct. 1923	Nov. 1923	Dec. 1923	Jan. 1924	Feb. 1924	Mar. 1924	Apr. 1924	May 1924	June 1924	July 1924	Aug. 1924	Sept. 1924	Oct. 1924	Nov. 1924	Dec. 1924	Jan. 1925	Feb. 1925	Mar. 1925	Apr. 1925	May 1925	June 1925	July 1925	Aug. 1925	Sept. 1925	Oct. 1925	Nov. 1925	Dec. 1925	Jan. 1926	Feb. 1926	Mar. 1926	Apr. 1926	May 1926	June 1926	July 1926	Aug. 1926	Sept. 1926	Oct. 1926	Nov. 1926	Dec. 1926	Jan. 1927	Feb. 1927	Mar. 1927	Apr. 1927	May 1927	June 1927	July 1927	Aug. 1927	Sept. 1927	Oct. 1927	Nov. 1927	Dec. 1927	Jan. 1928	Feb. 1928	Mar. 1928	Apr. 1928	May 1928	June 1928	July 1928	Aug. 1928	Sept. 1928	Oct. 1928	Nov. 1928	Dec. 1928	Jan. 1929	Feb. 1929	Mar. 1929	Apr. 1929	May 1929	June 1929	July 1929	Aug. 1929	Sept. 1929	Oct. 1929	Nov. 1929	Dec. 1929	Jan. 1930	Feb. 1930	Mar. 1930	Apr. 1930	May 1930	June 1930	July 1930	Aug. 1930	Sept. 1930	Oct. 1930	Nov. 1930	Dec. 1930	Jan. 1931	Feb. 1931	Mar. 1931	Apr. 1931	May 1931	June 1931	July 1931	Aug. 1931	Sept. 1931	Oct. 1931	Nov. 1931	Dec. 1931	Jan. 1932	Feb. 1932	Mar. 1932	Apr. 1932	May 1932	June 1932	July 1932	Aug. 1932	Sept. 1932	Oct. 1932	Nov. 1932	Dec. 1932	Jan. 1933	Feb. 1933	Mar. 1933	Apr. 1933	May 1933	June 1933	July 1933	Aug. 1933	Sept. 1933	Oct. 1933	Nov. 1933	Dec. 1933	Jan. 1934	Feb. 1934	Mar. 1934	Apr. 1934	May 1934	June 1934	July 1934	Aug. 1934	Sept. 1934	Oct. 1934	Nov. 1934	Dec. 1934	Jan. 1935	Feb. 1935	Mar. 1935	Apr. 1935	May 1935	June 1935	July 1935	Aug. 1935	Sept. 1935	Oct. 1935	Nov. 1935	Dec. 1935	Jan. 1936	Feb. 1936	Mar. 1936	Apr. 1936	May 1936	June 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1944	Nov. 1944	Dec. 1944	Jan. 1945	Feb. 1945	Mar. 1945	Apr. 1945	May 1945	June 1945	July 1945	Aug. 1945	Sept. 1945	Oct. 1945	Nov. 1945	Dec. 1945	Jan. 1946	Feb. 1946	Mar. 1946	Apr. 1946	May 1946	June 1946	July 1946	Aug. 1946	Sept. 1946	Oct. 1946	Nov. 1946	Dec. 1946	Jan. 1947	Feb. 1947	Mar. 1947	Apr. 1947	May 1947	June 1947	July 1947	Aug. 1947	Sept. 1947	Oct. 1947	Nov. 1947	Dec. 1947	Jan. 1948	Feb. 1948	Mar. 1948	Apr. 1948	May 1948	June 1948	July 1948	Aug. 1948	Sept. 1948	Oct. 1948	Nov. 1948	Dec. 1948	Jan. 1949	Feb. 1949	Mar. 1949	Apr. 1949	May 1949	June 1949	July 1949	Aug. 1949	Sept. 1949	Oct. 1949	Nov. 1949	Dec. 1949	Jan. 1950	Feb. 1950	Mar. 1950	Apr. 1950	May 1950	June 1950	July 1950	Aug. 1950	Sept. 1950	Oct. 1950	Nov. 1950	Dec. 1950	Jan. 1951	Feb. 1951	Mar. 1951	Apr. 1951	May 1951	June 1951	July 1951	Aug. 1951	Sept. 1951	Oct. 1951	Nov. 1951	Dec. 1951	Jan. 1952	Feb. 1952	Mar. 1952	Apr. 1952	May 1952	June 1952	July 1952	Aug. 1952	Sept. 1952	Oct. 1952	Nov. 1952	Dec. 1952	Jan. 1953	Feb. 1953	Mar. 1953	Apr. 1953	May 1953	June 1953	July 1953	Aug. 1953	Sept. 1953	Oct. 1953	Nov. 1953	Dec. 1953	Jan. 1954	Feb. 1954	Mar. 1954	Apr. 1954	May 1954	June 1954	July 1954	Aug. 1954	Sept. 1954	Oct. 1954	Nov. 1954	Dec. 1954	Jan. 1955	Feb. 1955	Mar. 1955	Apr. 1955	May 1955	June 1955	July 1955	Aug. 1955	Sept. 1955	Oct. 1955	Nov. 1955	Dec. 1955	Jan. 1956	Feb. 1956	Mar. 1956	Apr. 1956	May 1956	June 1956	July 1956	Aug. 1956	Sept. 1956	Oct. 1956	Nov. 1956	Dec. 1956	Jan. 1957	Feb. 1957	Mar. 1957	Apr. 1957	May 1957	June 1957	July 1957	Aug. 1957	Sept. 1957	Oct. 1957	Nov. 1957	Dec. 1957	Jan. 1958	Feb. 1958	Mar. 1958	Apr. 1958	May 1958	June 1958	July 1958	Aug. 1958	Sept. 1958	Oct. 1958	Nov. 1958	Dec. 1958	Jan. 1959	Feb. 1959	Mar. 1959	Apr. 1959	May 1959	June 1959	July 1959	Aug. 1959	Sept. 1959	Oct. 1959	Nov. 1959	Dec. 1959	Jan. 1960	Feb. 1960	Mar. 1960	Apr. 1960	May 1960	June 1960	July 1960	Aug. 1960	Sept. 1960	Oct. 1960	Nov. 1960	Dec. 1960	Jan. 1961	Feb. 1961	Mar. 1961	Apr. 1961	May 1961	June 1961	July 1961	Aug. 1961	Sept. 1961	Oct. 1961	Nov. 1961	Dec. 1961	Jan. 1962	Feb. 1962	Mar. 1962	Apr. 1962	May 1962	June 1962	July 1962	Aug. 1962	Sept. 1962	Oct. 1962	Nov. 1962	Dec. 1962	Jan. 1963	Feb. 1963	Mar. 1963	Apr. 1963	May 1963	June 1963	July 1963	Aug. 1963	Sept. 1963	Oct. 1963	Nov. 1963	Dec. 1963	Jan. 1964	Feb. 1964	Mar. 1964	Apr. 1964	May 1964	June 1964	July 1964	Aug. 1964	Sept. 1964	Oct. 1964	Nov. 1964	Dec. 1964	Jan. 1965	Feb. 1965	Mar. 1965	Apr. 1965	May 1965	June 1965	July 1965	Aug. 1965	Sept. 1965	Oct. 1965	Nov. 1965	Dec. 1965	Jan. 1966	Feb. 1966	Mar. 1966	Apr. 1966	May 1966	June 1966	July 1966	Aug. 1966	Sept. 1966	Oct. 1966	Nov. 1966	Dec. 1966	Jan. 1967	Feb. 1967	Mar. 1967	Apr. 1967	May 1967	June 1967	July 1967	Aug. 1967	Sept. 1967	Oct. 1967	Nov. 1967	Dec. 1967	Jan. 1968	Feb. 1968	Mar. 1968	Apr. 1968	May 1968	June 1968	July 1968	Aug. 1968	Sept. 1968	Oct. 1968	Nov. 1968	Dec. 1968	Jan. 1969	Feb. 1969	Mar. 1969	Apr. 1969	May 1969	June 1969	July 1969	Aug. 1969	Sept. 1969	Oct. 1969	Nov. 1969	Dec. 1969	Jan. 1970	Feb. 1970	Mar. 1970	Apr. 1970	May 1970	June 1970	July 1970	Aug. 1970	Sept. 1970	Oct. 1970	Nov. 1970	Dec. 1970	Jan. 1971	Feb. 1971	Mar. 1971	Apr. 1971	May 1971	June 1971	July 1971	Aug. 1971	Sept. 1971	Oct. 1971	Nov. 1971	Dec. 1971	Jan. 1972	Feb. 1972	Mar. 1972	Apr. 1972	May 1972	June 1972	July 1972	Aug. 1972	Sept. 1972	Oct. 1972	Nov. 1972	Dec. 1972	Jan. 1973	Feb. 1973	Mar. 1973	Apr. 1973	May 1973	June 1973	July 1973	Aug. 1973	Sept. 1973	Oct. 1973	Nov. 1973	Dec. 1973	Jan. 1974	Feb. 1974	Mar. 1974	Apr. 1974	May 1974	June 1974	July 1974	Aug. 1974	Sept. 1974	Oct. 1974	Nov. 1974	Dec. 1974	Jan. 1975	Feb. 1975	Mar. 1975	Apr. 1975	May 1975	June 1975	July 1975	Aug. 1975	Sept. 1975	Oct. 1975	Nov. 1975	Dec. 1975	Jan. 1976	Feb. 1976	Mar. 1976	Apr. 1976	May 1976	June 1976	July 1976	Aug. 1976	Sept. 1976	Oct. 1976	Nov. 1976	Dec. 1976	Jan. 1977	Feb. 1977	Mar. 1977	Apr. 1977	May 1977	June 1977	July 1977	Aug. 1977	Sept. 1977	Oct. 1977	Nov. 1977	Dec. 1977	Jan. 1978	Feb. 1978	Mar. 1978	Apr. 1978	May 1978	June 1978	July 1978	Aug. 1978	Sept. 1978	Oct. 1978	Nov. 1978	Dec. 1978	Jan. 1979	Feb. 1979	Mar. 1979	Apr. 1979	May 1979	June 1979	July 1979	Aug. 1979	Sept. 1979	Oct. 1979	Nov. 1979	Dec. 1979	Jan. 1980	Feb. 1980	Mar. 1980	Apr. 1980	May 1980	June 1980	July 1980	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980	Jan. 1981	Feb. 1981	Mar. 1981	Apr. 1981	May 1981	June 1981	July 1981	Aug. 1981	Sept. 1981	Oct. 1981	Nov. 1981	Dec. 1981	Jan. 1982	Feb. 1982	Mar. 1982	Apr. 1982	May 1982	June 1982	July 1982	Aug. 1982	Sept. 1982	Oct. 1982	Nov. 1982	Dec. 1982	Jan. 1983	Feb. 1983	Mar. 1983	Apr. 1983	May 1983	June 1983	July 1983	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983	Jan. 1984	Feb. 1984	Mar. 1984	Apr. 1984	May 1984	June 1984	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984	Dec. 1984	Jan. 1985	Feb. 1985	Mar. 1985	Apr. 1985	May 1985	June 1985	July 1985	Aug. 1985	Sept. 1985	Oct. 1985	Nov. 1985	Dec. 1985	Jan. 1986	Feb. 1986	Mar. 1986	Apr. 1986	May 1986	June 1986	July 1986	Aug. 1986	Sept. 1986	Oct. 1986	Nov. 1986	Dec. 1986	Jan. 1987	Feb. 1987	Mar. 1987	Apr. 1987	May 1987	June 1987	July 1987	Aug. 1987	Sept. 1987	Oct. 1987	Nov. 1987	Dec. 1987	Jan. 1988	Feb. 1988	Mar. 1988	Apr. 1988	May 1988	June 1988	July 1988	Aug. 1988	Sept. 1988	Oct. 1988	Nov. 1988	Dec. 1988	Jan. 1989	Feb. 1989	Mar. 1989	Apr. 1989	May 1989	June 1989	July 1989	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990	May 1990	June 1990	July 1990	Aug. 1990	Sept. 1990	Oct. 1990	Nov. 1990	Dec. 1990	Jan. 1991	Feb. 1991	Mar. 1991	Apr. 1991	May 1991	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991	Nov. 1991	Dec. 1991	Jan. 1992	Feb. 1992	Mar. 1992	Apr. 1992	May 1992	June 1992	July 1992	Aug. 1992	Sept. 1992	Oct. 1992	Nov. 1992	Dec. 1992	Jan. 1993	Feb. 1993	Mar. 1993	Apr. 1993	May 1993	June 1993	July 1993	Aug. 1993	Sept. 1993	Oct. 1993	Nov. 1993	Dec. 1993	Jan. 1994	Feb. 1994	Mar. 1994	Apr. 1994	May 1994	June 1994	July 1994	Aug. 1994	Sept. 1994	Oct. 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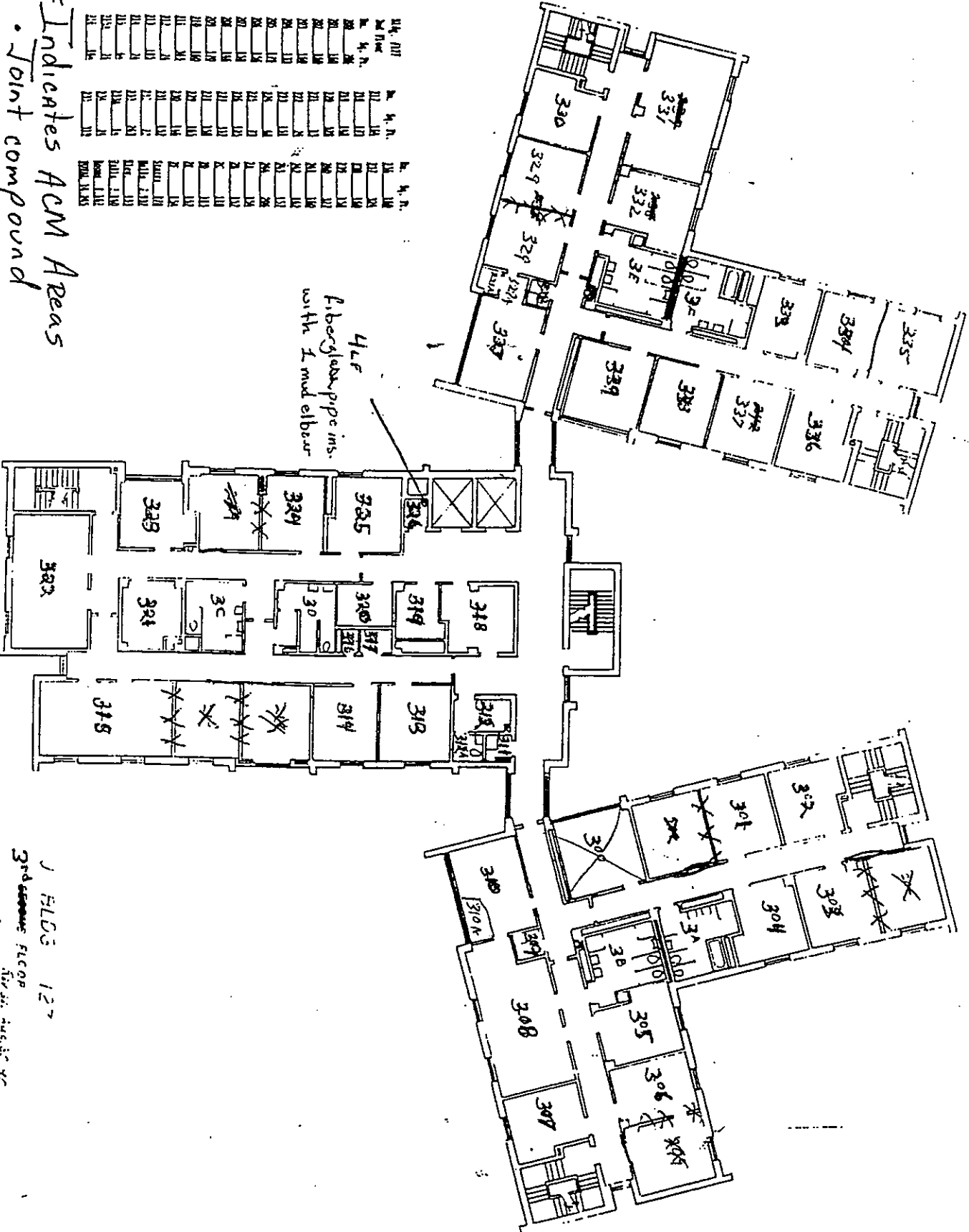


= Indicates ACM Areas

• Joint compound

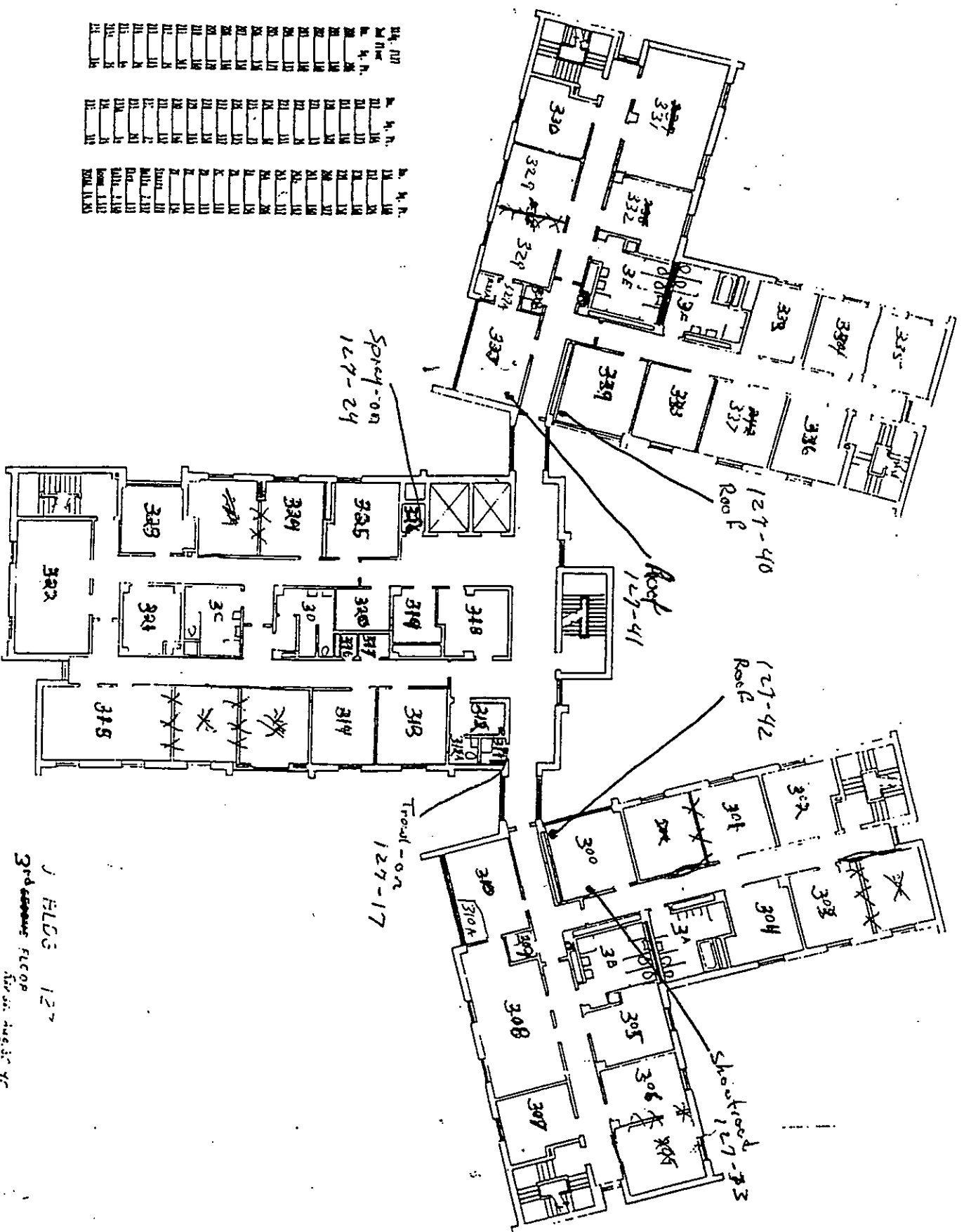
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314, 198	314, 198	314, 198
314, 199	314, 199	314, 199
314, 200	314, 200	314, 200

4 LF
Fiberglass pipe ins.
with 1 mud elbow



1 HLDG 127
3rd floor FLOOR
Rev. 21. Aug. 57 42

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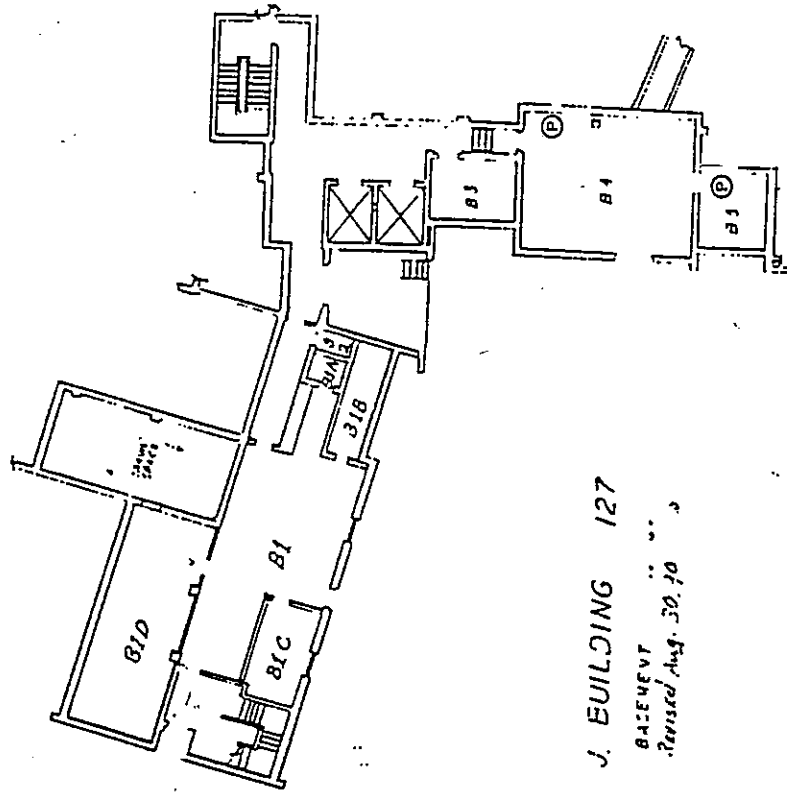


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BUILDING 127

PIPING INSULATION

Ⓟ = Piping



J. BUILDING 127

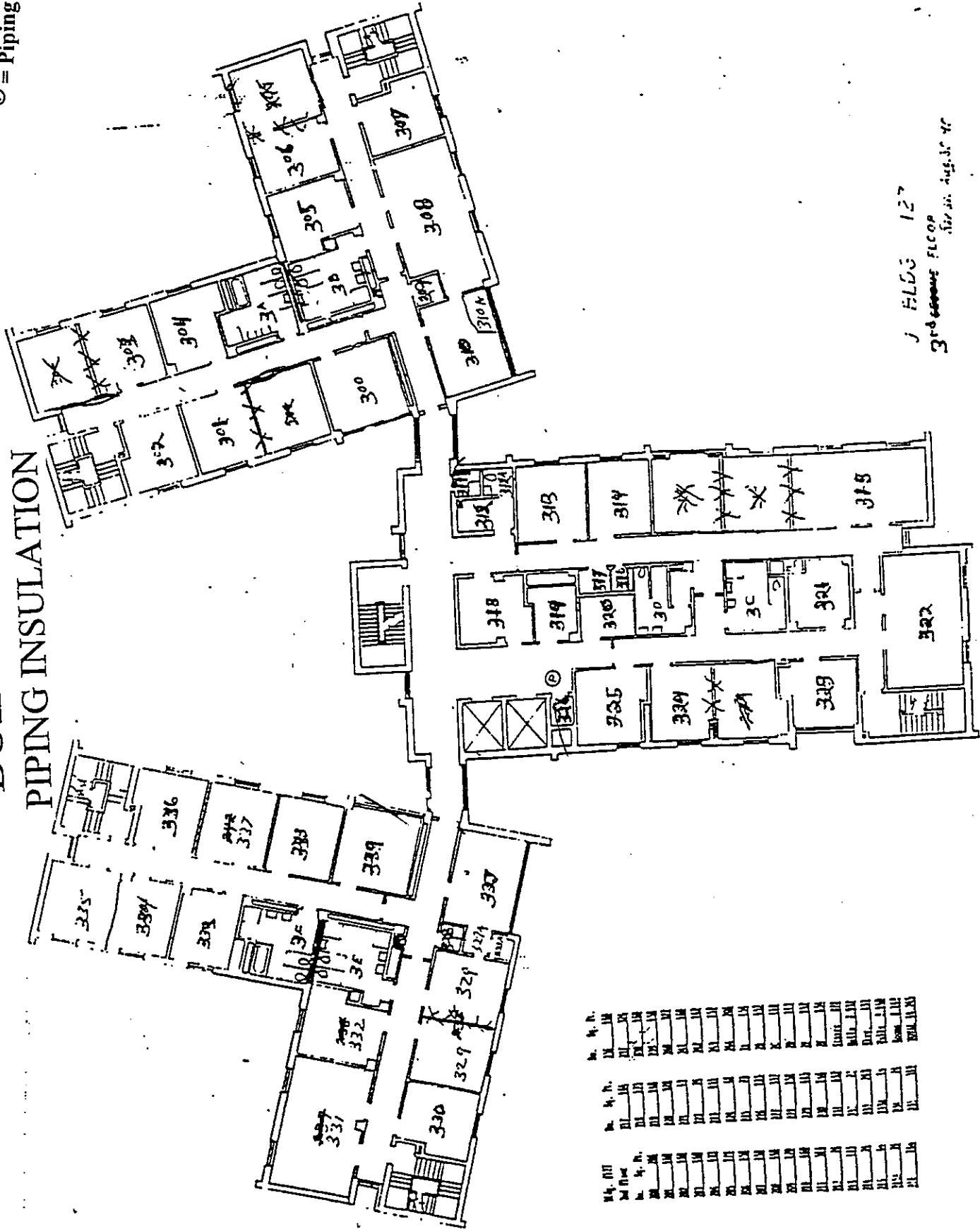
BASEMENT
Revised Aug. 30, 70

Room	Area	Perimeter
B1D	11.15	11.15
B1C	11.15	11.15
B1	11.15	11.15
B3	11.15	11.15
B4	11.15	11.15
B5	11.15	11.15
318	11.15	11.15
Staircase	11.15	11.15
Well/Vent	11.15	11.15
Corridor	11.15	11.15
Room 127	11.15	11.15
Room 128	11.15	11.15
Room 129	11.15	11.15
Room 130	11.15	11.15
Room 131	11.15	11.15
Room 132	11.15	11.15
Room 133	11.15	11.15
Room 134	11.15	11.15
Room 135	11.15	11.15
Room 136	11.15	11.15
Room 137	11.15	11.15
Room 138	11.15	11.15
Room 139	11.15	11.15
Room 140	11.15	11.15
Room 141	11.15	11.15
Room 142	11.15	11.15
Room 143	11.15	11.15
Room 144	11.15	11.15
Room 145	11.15	11.15
Room 146	11.15	11.15
Room 147	11.15	11.15
Room 148	11.15	11.15
Room 149	11.15	11.15
Room 150	11.15	11.15
Room 151	11.15	11.15
Room 152	11.15	11.15
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Room 157	11.15	11.15
Room 158	11.15	11.15
Room 159	11.15	11.15
Room 160	11.15	11.15
Room 161	11.15	11.15
Room 162	11.15	11.15
Room 163	11.15	11.15
Room 164	11.15	11.15
Room 165	11.15	11.15
Room 166	11.15	11.15
Room 167	11.15	11.15
Room 168	11.15	11.15
Room 169	11.15	11.15
Room 170	11.15	11.15
Room 171	11.15	11.15
Room 172	11.15	11.15
Room 173	11.15	11.15
Room 174	11.15	11.15
Room 175	11.15	11.15
Room 176	11.15	11.15
Room 177	11.15	11.15
Room 178	11.15	11.15
Room 179	11.15	11.15
Room 180	11.15	11.15
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Room 182	11.15	11.15
Room 183	11.15	11.15
Room 184	11.15	11.15
Room 185	11.15	11.15
Room 186	11.15	11.15
Room 187	11.15	11.15
Room 188	11.15	11.15
Room 189	11.15	11.15
Room 190	11.15	11.15
Room 191	11.15	11.15
Room 192	11.15	11.15
Room 193	11.15	11.15
Room 194	11.15	11.15
Room 195	11.15	11.15
Room 196	11.15	11.15
Room 197	11.15	11.15
Room 198	11.15	11.15
Room 199	11.15	11.15
Room 200	11.15	11.15

BUILDING 127

PIPING INSULATION

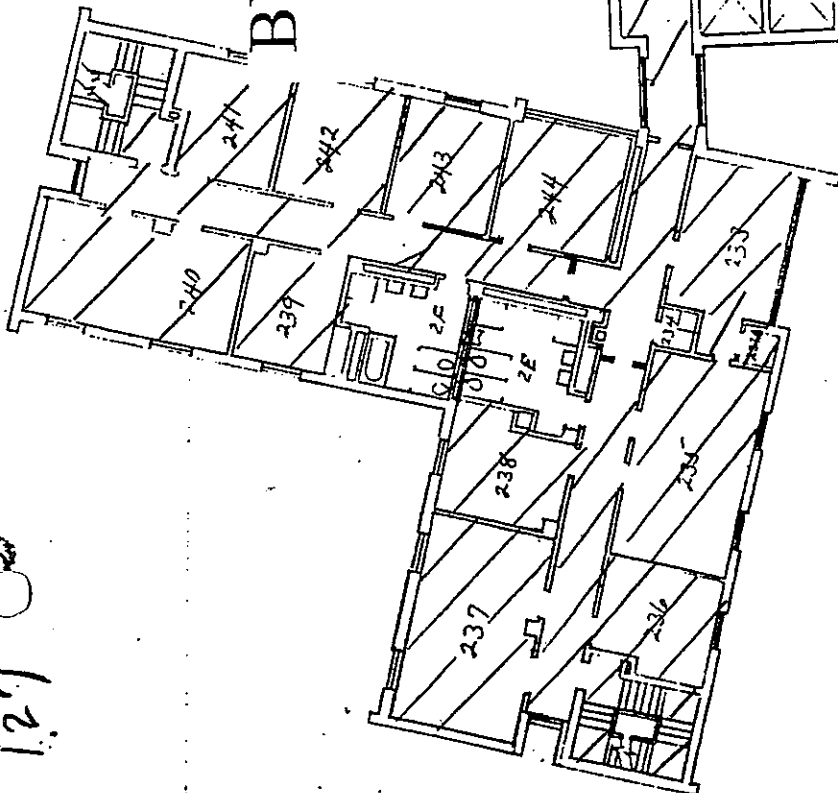
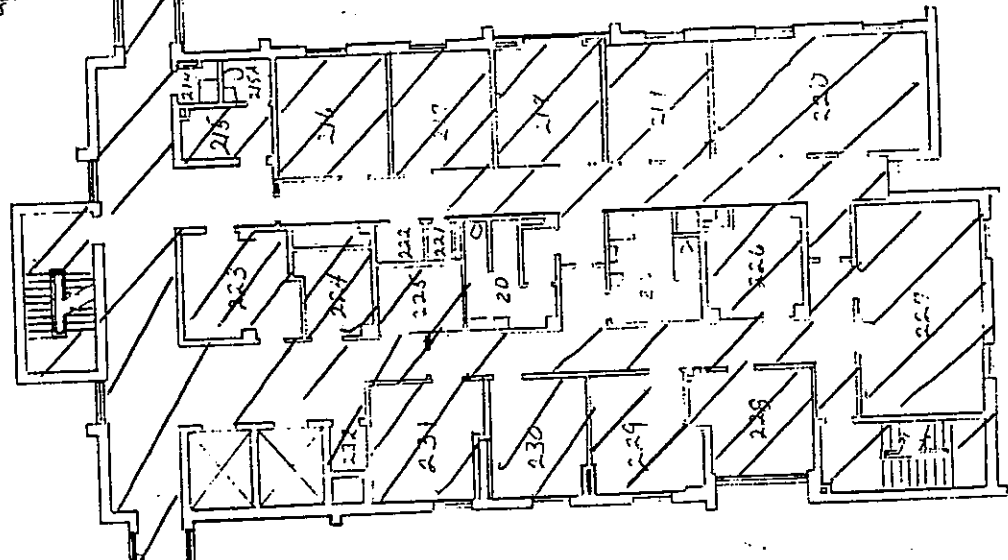
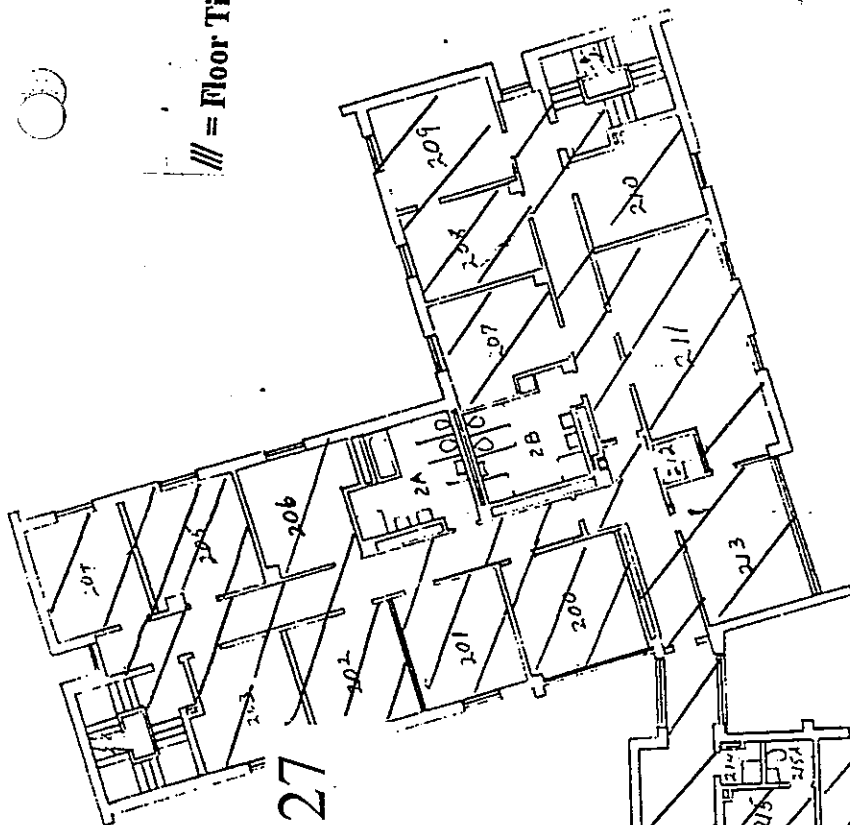
© = Piping



J. FLDG 127
3rd Floor Floor
Rev. 28 Aug. 31 40

/// = Floor Tile

BUILDING 127 FLOOR TILE



Room No.	Sq. Ft.	Room No.	Sq. Ft.	Room No.	Sq. Ft.
200	118	210	118	220	118
201	118	211	118	221	118
202	118	212	118	222	118
203	118	213	118	223	118
204	118	214	118	224	118
205	118	215	118	225	118
206	118	216	118	226	118
207	118	217	118	227	118
208	118	218	118	228	118
209	118	219	118	229	118
				230	118
				231	118
				232	118
				233	118
				234	118
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				244	118
				245	118

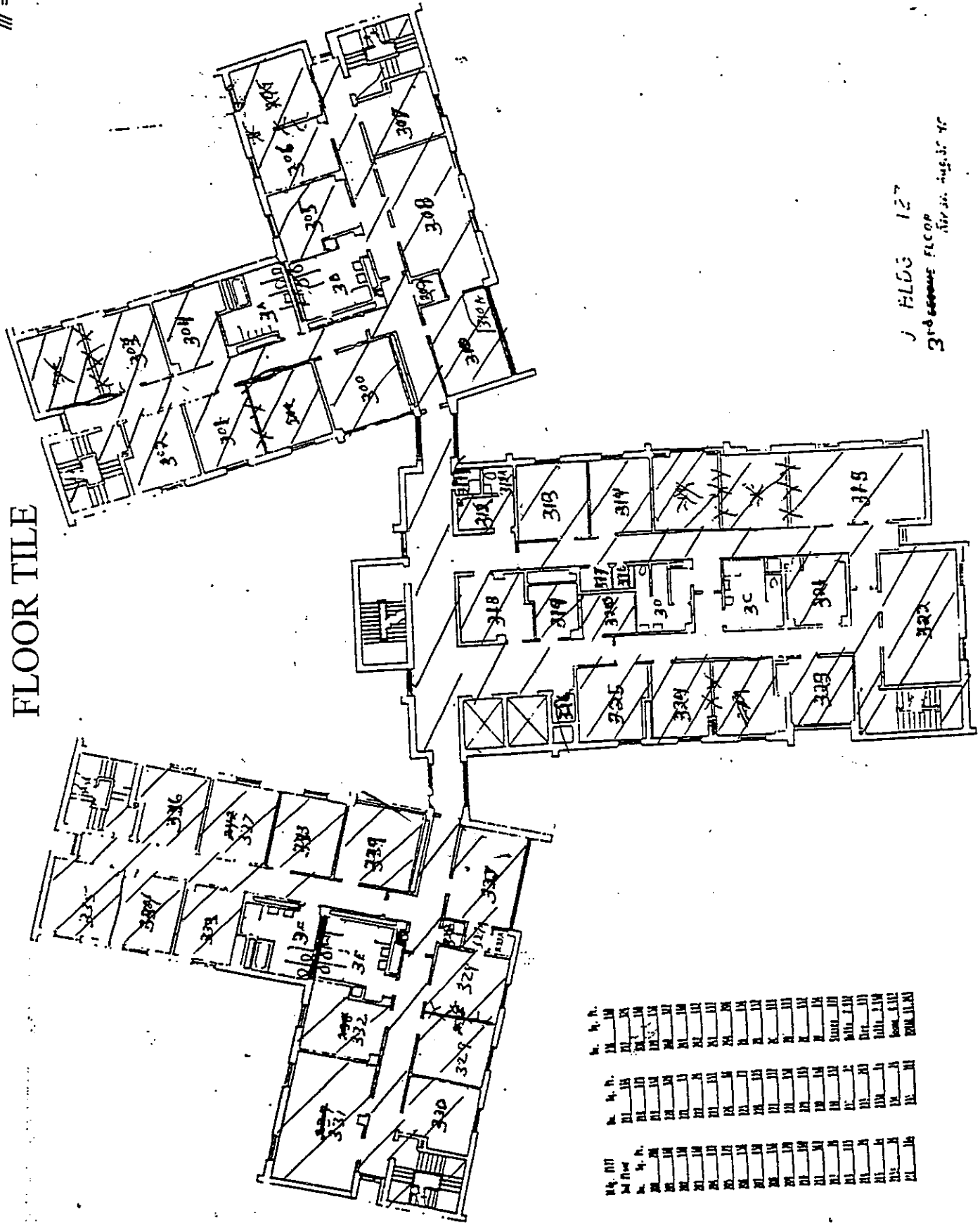
J. H. L. 127
SECOND FLOOR
REVISED Aug. 1940

127

BUILDING 127

FLOOR TILE

/// = Floor Tile

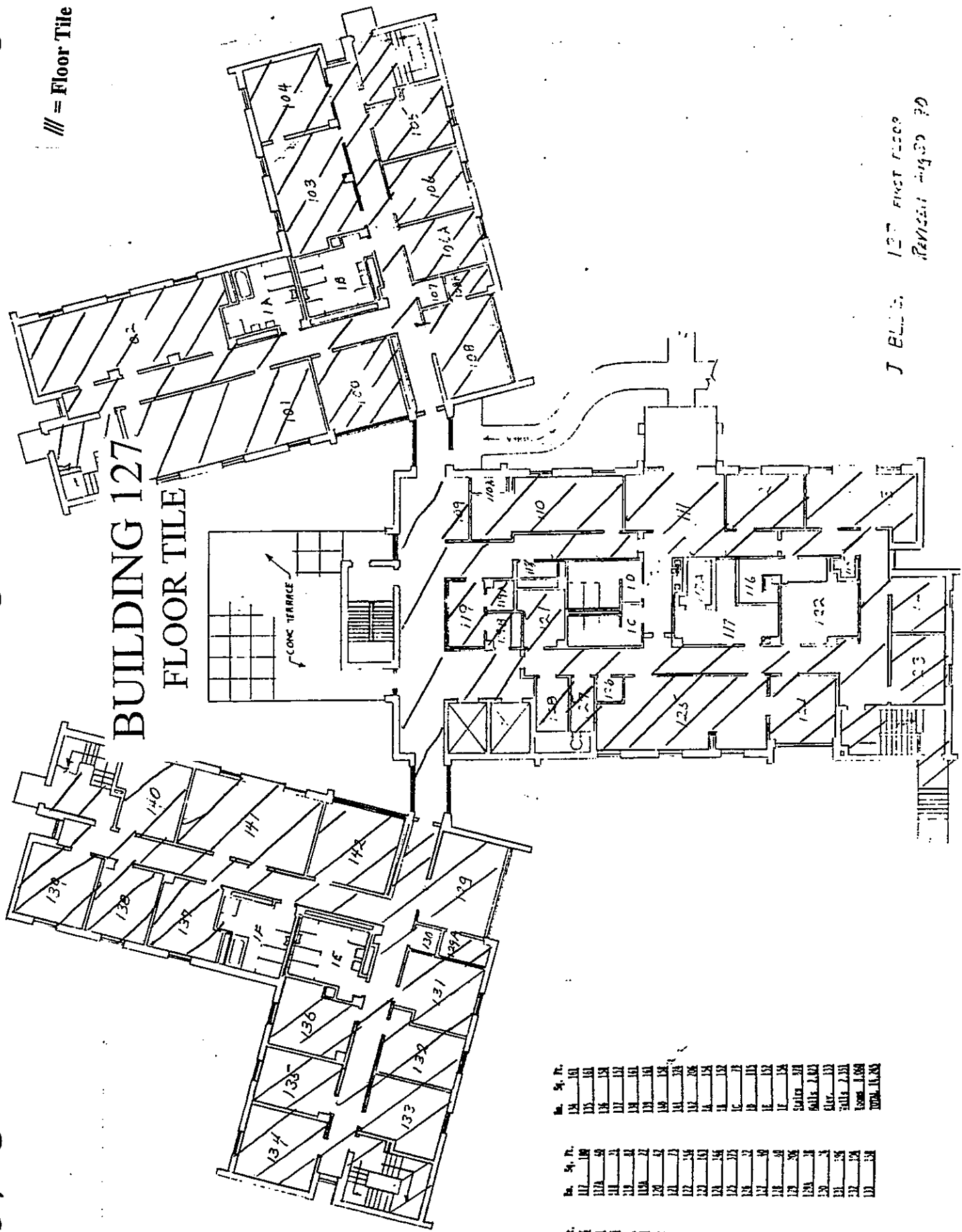


300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345
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J. H. L. 127
3rd Floor Floor
Rev. 11 Aug. 57

/// = Floor Tile

BUILDING 127 FLOOR TILE



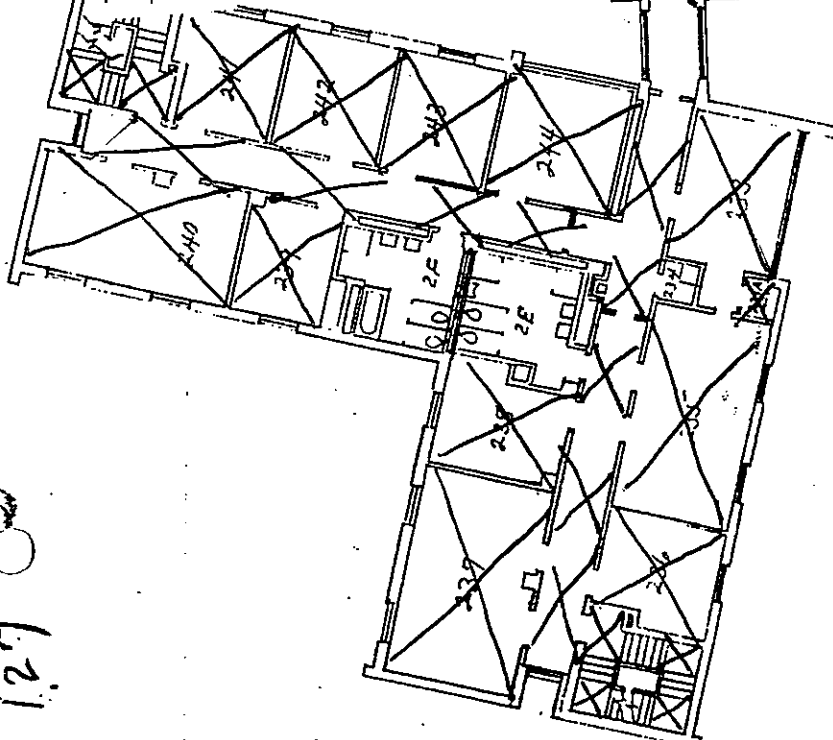
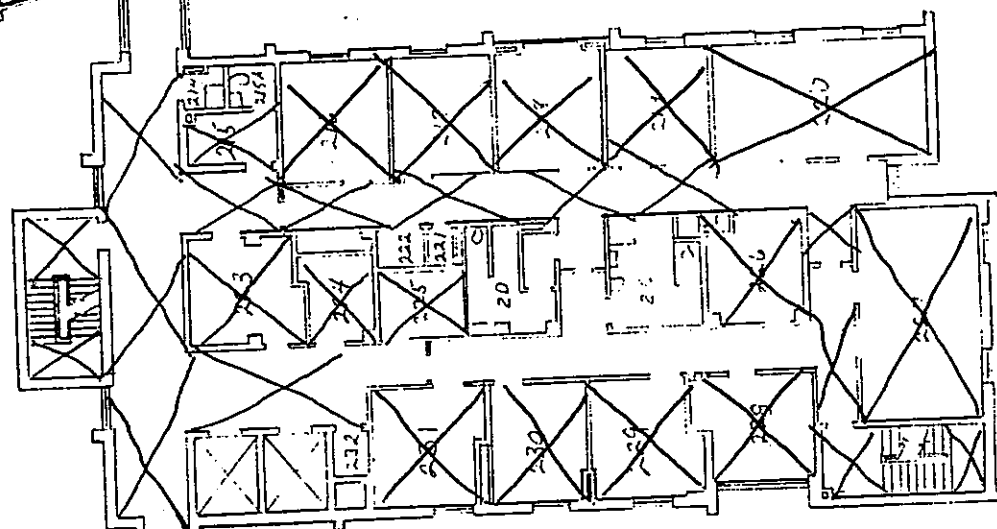
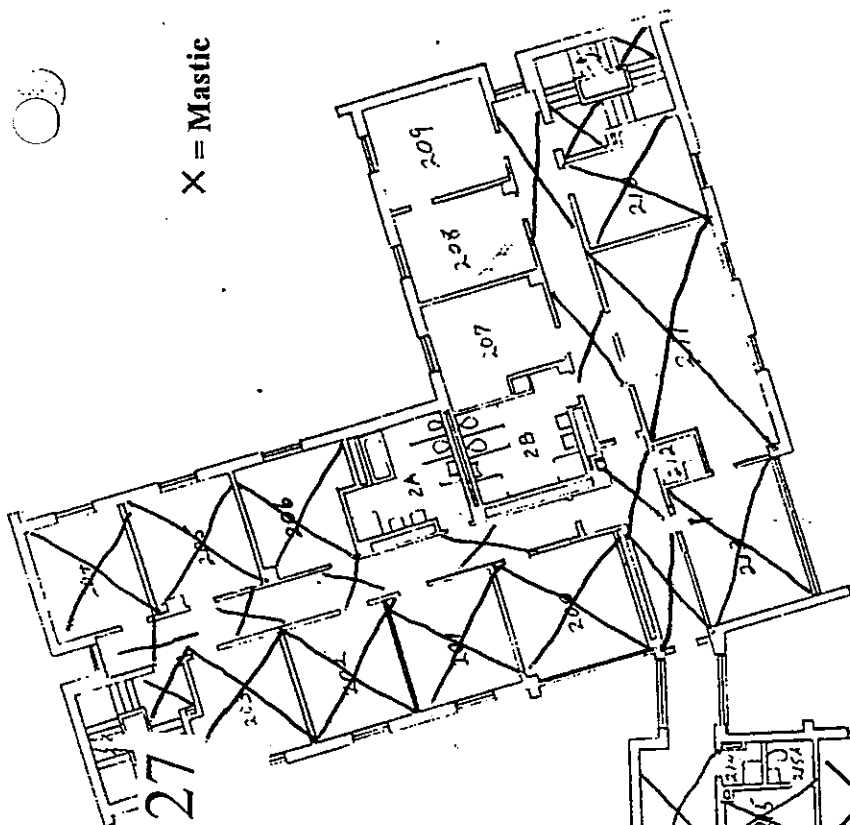
J. B. L. 127 FIRST FLOOR
REVISION AUG 30 30

Room No.	Sq. Ft.	Room No.	Sq. Ft.	Room No.	Sq. Ft.
101	101	101	101	101	101
102	102	102	102	102	102
103	103	103	103	103	103
104	104	104	104	104	104
105	105	105	105	105	105
106	106	106	106	106	106
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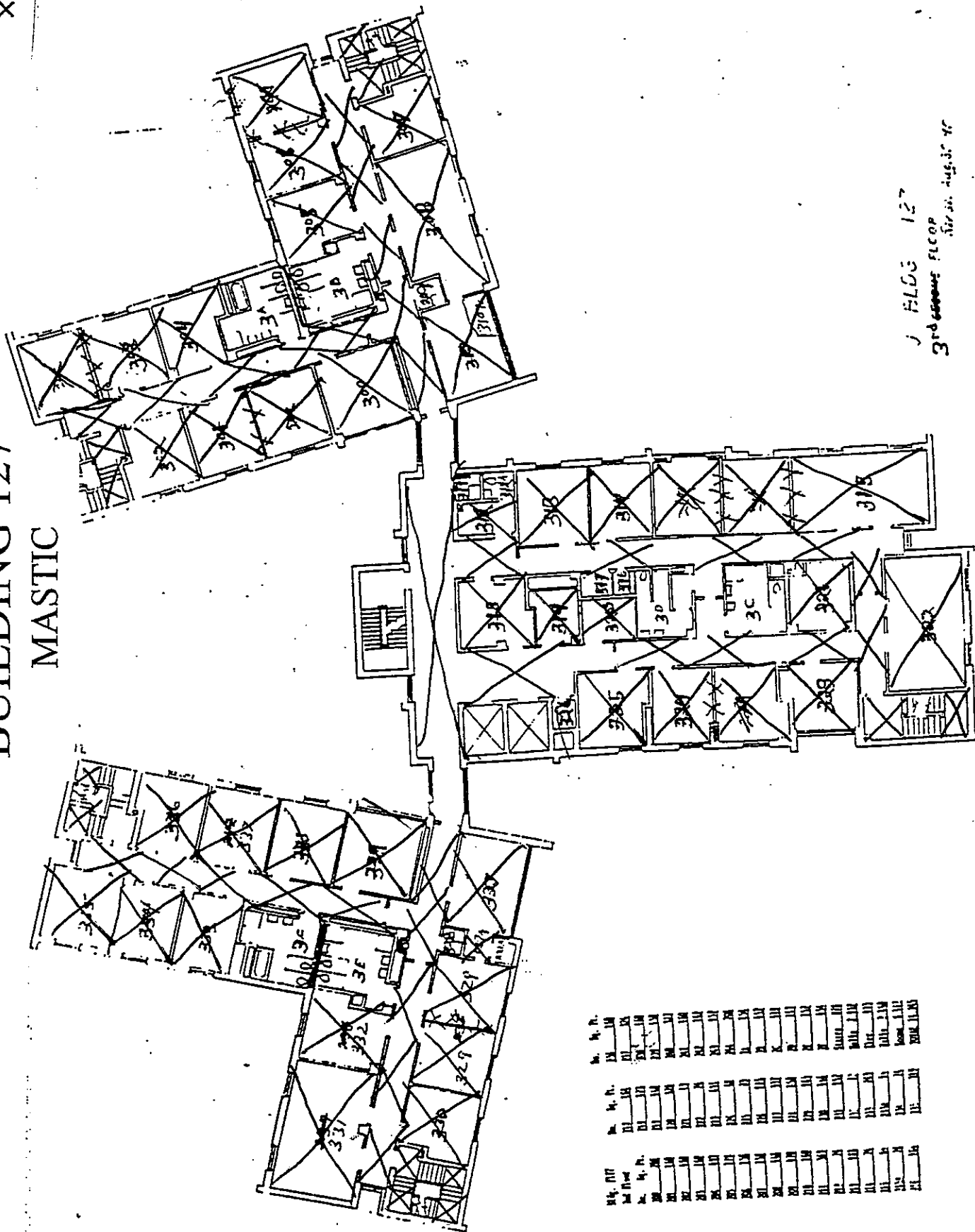
BUILDING 127 MASTIC

1271 577H

10. 2023 8. 2023

[illegible]

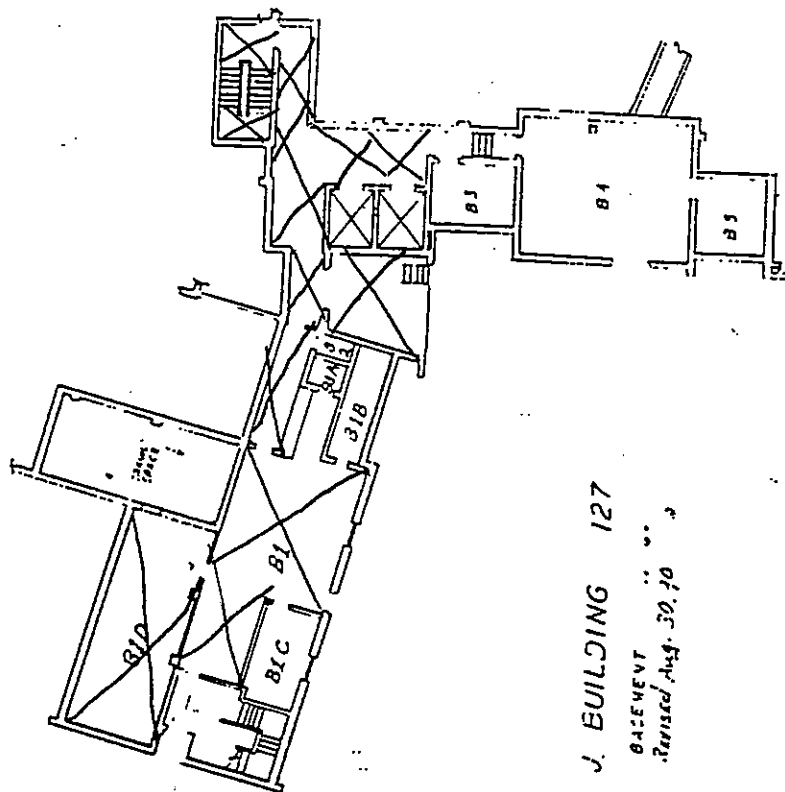
X = Mastic



3rd FLOR
J FLOR 127
Dir. Aug. 30 '96

BUILDING 127 MASTIC

X = Mastic



J. BUILDING 127
 ORCEMENT
 .Paved Aug. 30. 70 ..

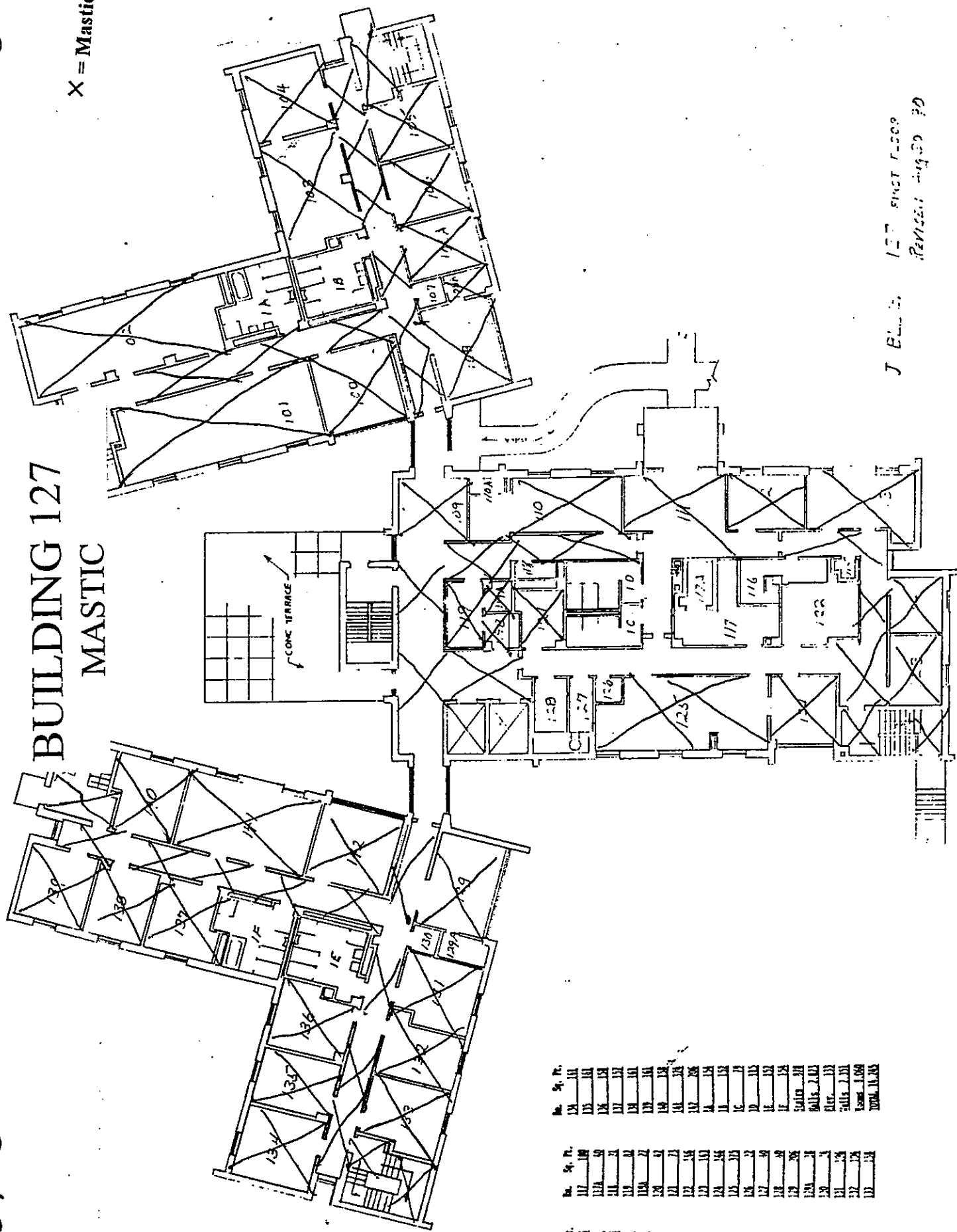
MAY 1977		JUNE 1977	
INCOME		EXPENSES	
Salary	1,000.00	Salary	1,000.00
Interest	100.00	Interest	100.00
Dividends	50.00	Dividends	50.00
Capital Gains	20.00	Capital Gains	20.00
Other Income	10.00	Other Income	10.00
Total Income	1,180.00	Total Expenses	1,180.00
Net Income	0.00	Net Income	0.00

DATE	DESCRIPTION	AMOUNT	BALANCE
1/1/77	OPENING BALANCE	1.00	1.00
2/1/77	PAYROLL	1.00	2.00
3/1/77	PAYROLL	1.00	3.00
4/1/77	PAYROLL	1.00	4.00
5/1/77	PAYROLL	1.00	5.00
6/1/77	PAYROLL	1.00	6.00
7/1/77	PAYROLL	1.00	7.00
8/1/77	PAYROLL	1.00	8.00
9/1/77	PAYROLL	1.00	9.00
10/1/77	PAYROLL	1.00	10.00
11/1/77	PAYROLL	1.00	11.00
12/1/77	PAYROLL	1.00	12.00
1/1/78	PAYROLL	1.00	13.00
2/1/78	PAYROLL	1.00	14.00
3/1/78	PAYROLL	1.00	15.00
4/1/78	PAYROLL	1.00	16.00
5/1/78	PAYROLL	1.00	17.00
6/1/78	PAYROLL	1.00	18.00
7/1/78	PAYROLL	1.00	19.00
8/1/78	PAYROLL	1.00	20.00
9/1/78	PAYROLL	1.00	21.00
10/1/78	PAYROLL	1.00	22.00
11/1/78	PAYROLL	1.00	23.00
12/1/78	PAYROLL	1.00	24.00
1/1/79	PAYROLL	1.00	25.00
2/1/79	PAYROLL	1.00	26.00
3/1/79	PAYROLL	1.00	27.00
4/1/79	PAYROLL	1.00	28.00
5/1/79	PAYROLL	1.00	29.00
6/1/79	PAYROLL	1.00	30.00
7/1/79	PAYROLL	1.00	31.00
8/1/79	PAYROLL	1.00	32.00
9/1/79	PAYROLL	1.00	33.00
10/1/79	PAYROLL	1.00	34.00
11/1/79	PAYROLL	1.00	35.00
12/1/79	PAYROLL	1.00	36.00
1/1/80	PAYROLL	1.00	37.00
2/1/80	PAYROLL	1.00	38.00
3/1/80	PAYROLL	1.00	39.00
4/1/80	PAYROLL	1.00	40.00
5/1/80	PAYROLL	1.00	41.00
6/1/80	PAYROLL	1.00	42.00
7/1/80	PAYROLL	1.00	43.00
8/1/80	PAYROLL	1.00	44.00
9/1/80	PAYROLL	1.00	45.00
10/1/80	PAYROLL	1.00	46.00
11/1/80	PAYROLL	1.00	47.00
12/1/80	PAYROLL	1.00	48.00
1/1/81	PAYROLL	1.00	49.00
2/1/81	PAYROLL	1.00	50.00
3/1/81	PAYROLL	1.00	51.00
4/1/81	PAYROLL	1.00	52.00
5/1/81	PAYROLL	1.00	53.00
6/1/81	PAYROLL	1.00	54.00
7/1/81	PAYROLL	1.00	55.00
8/1/81	PAYROLL	1.00	56.00
9/1/81	PAYROLL	1.00	57.00
10/1/81	PAYROLL	1.00	58.00
11/1/81	PAYROLL	1.00	59.00
12/1/81	PAYROLL	1.00	60.00
1/1/82	PAYROLL	1.00	61.00
2/1/82	PAYROLL	1.00	62.00
3/1/82	PAYROLL	1.00	63.00
4/1/82	PAYROLL	1.00	64.00
5/1/82	PAYROLL	1.00	65.00
6/1/82	PAYROLL	1.00	66.00
7/1/82	PAYROLL	1.00	67.00
8/1/82	PAYROLL	1.00	68.00
9/1/82	PAYROLL	1.00	69.00
10/1/82	PAYROLL	1.00	70.00
11/1/82	PAYROLL	1.00	71.00
12/1/82	PAYROLL	1.00	72.00
1/1/83	PAYROLL	1.00	73.00
2/1/83	PAYROLL	1.00	74.00
3/1/83	PAYROLL	1.00	75.00
4/1/83	PAYROLL	1.00	76.00
5/1/83	PAYROLL	1.00	77.00
6/1/83	PAYROLL	1.00	78.00
7/1/83	PAYROLL	1.00	79.00
8/1/83	PAYROLL	1.00	80.00
9/1/83	PAYROLL	1.00	81.00
10/1/83	PAYROLL	1.00	82.00
11/1/83	PAYROLL	1.00	83.00
12/1/83	PAYROLL	1.00	84.00

127

BUILDING 127 MASTIC

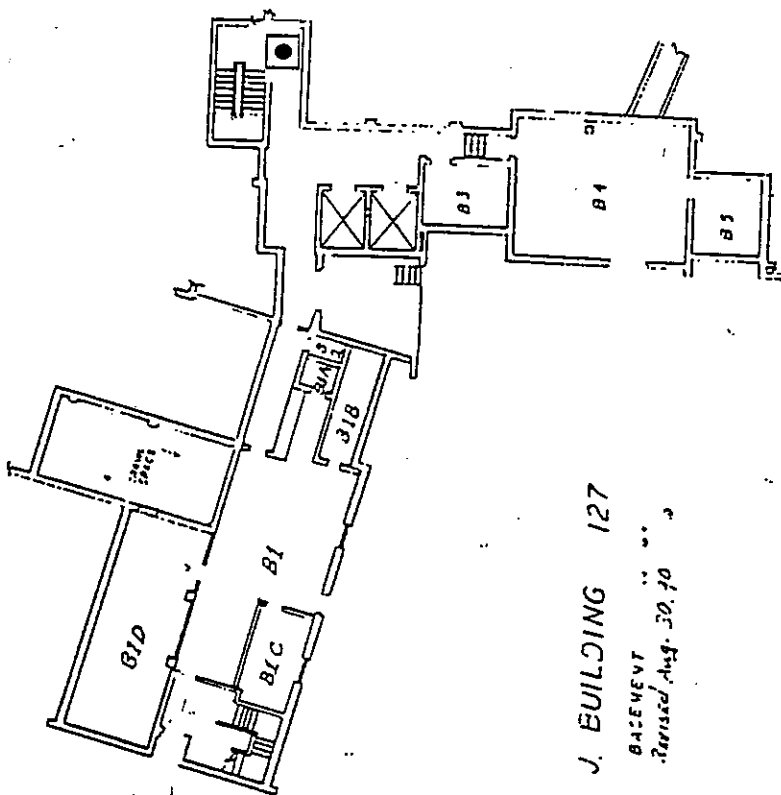
X = Mastic



J. E. L. 127 FIRST FLOOR
REVISED Aug. 30 '30

127, 127	1st Floor	127, 127	1st Floor	127, 127	1st Floor
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102	102	102	102	102	102
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197	197	197	197	197	197
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☐ = Fire Doors



127 BUILDING 1

04-54827

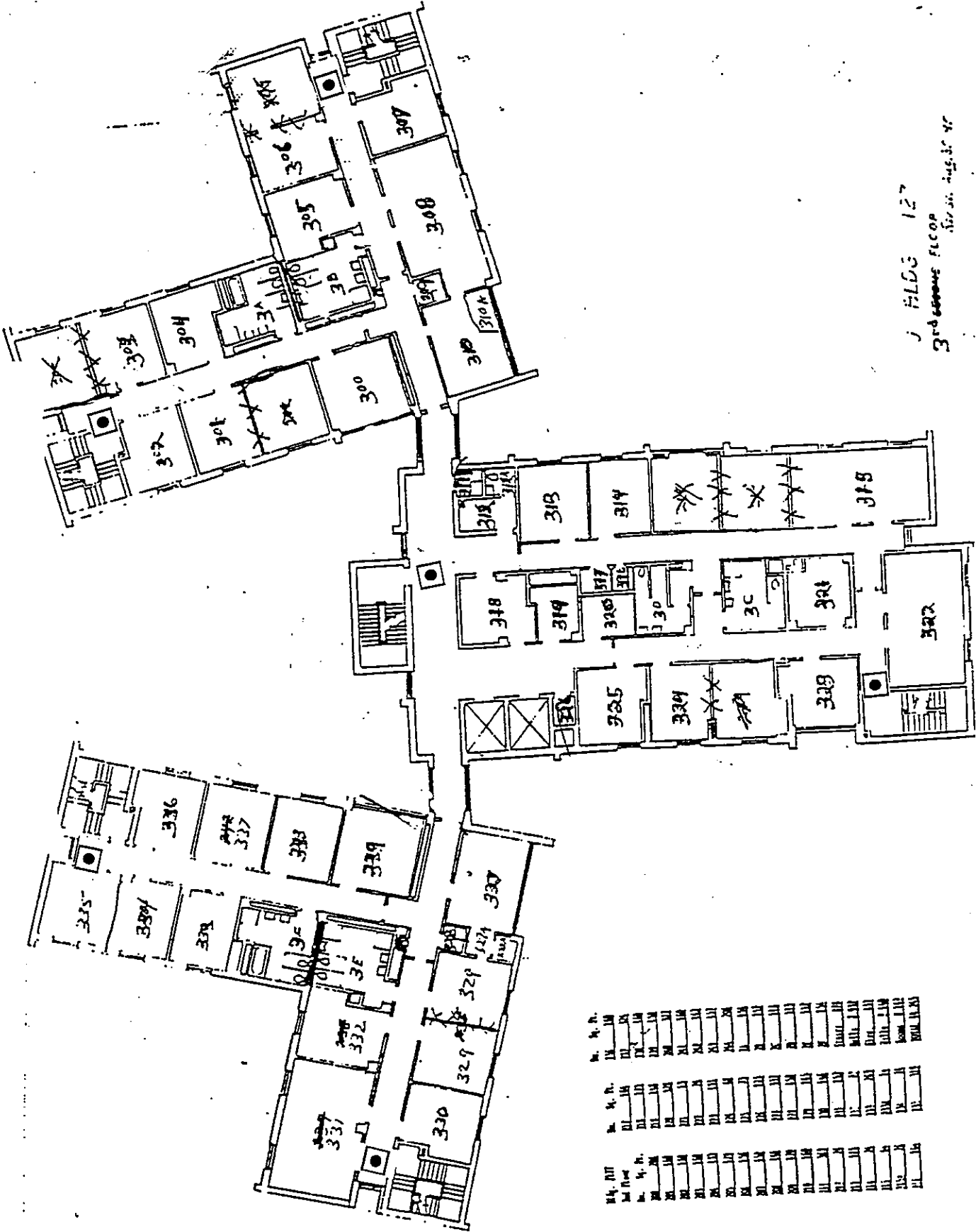
Revised Aug. 30, 1910

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28	10:00	28	10:00
29	10:00	29	10:00
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TOTAL	10:00	TOTAL	10:00

BUILDING 127

FIRE DOORS

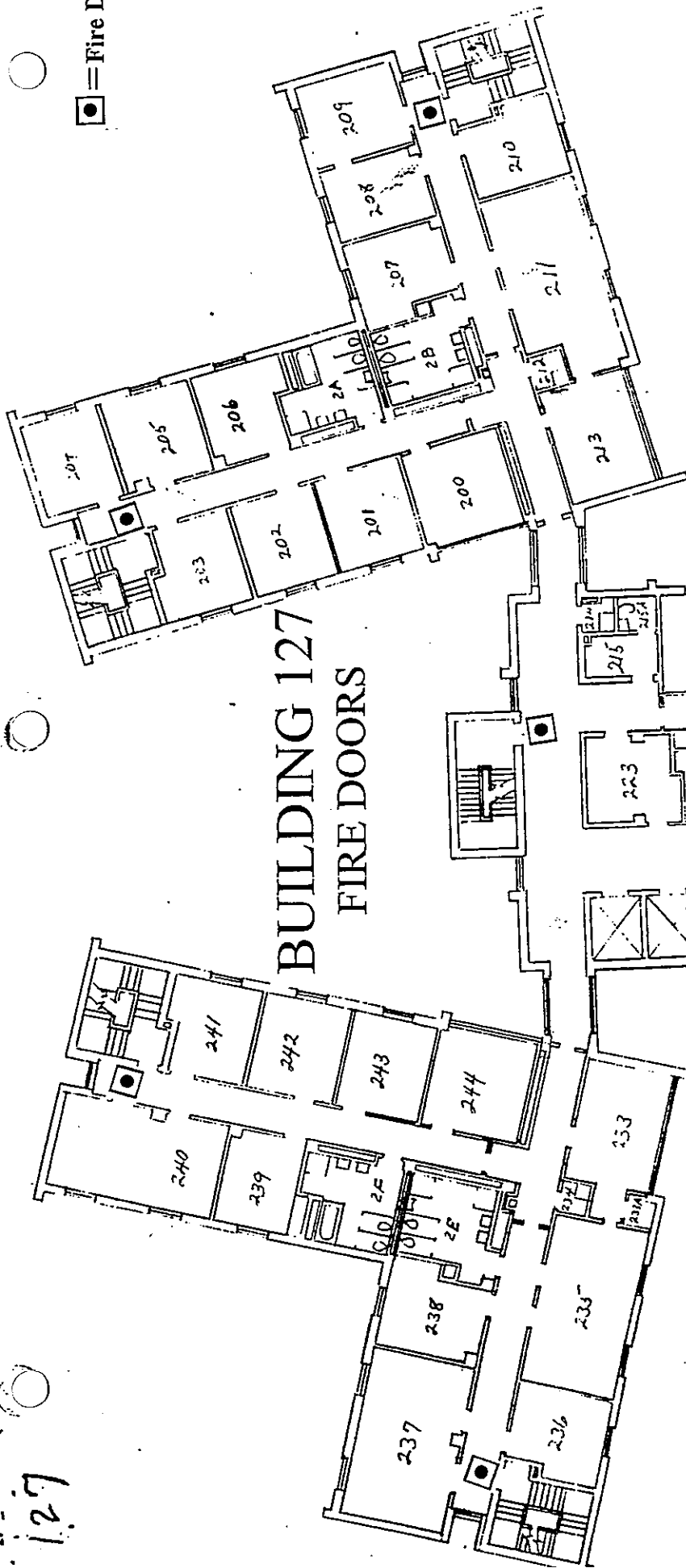
◼ = Fire Doors



J. H. LEE 127
3rd Avenue, New York, N.Y.

■ = Fire Doors

BUILDING 127 FIRE DOORS



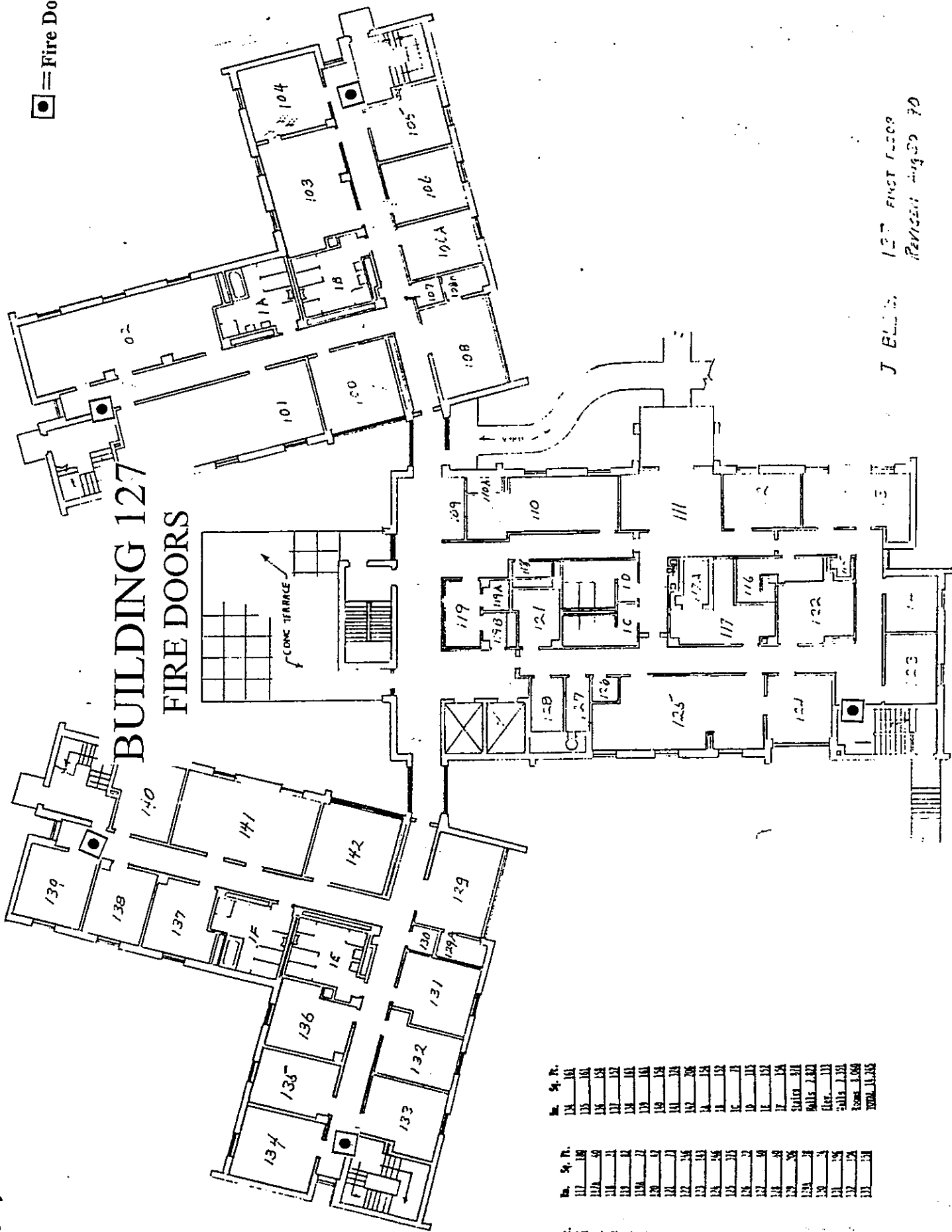
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208	208	208
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242	242	242
243	243	243
244	244	244

J HLDG 127
EERING FLOOR
Rev. 10/18/80

127

● = Fire Doors

BUILDING 127 FIRE DOORS

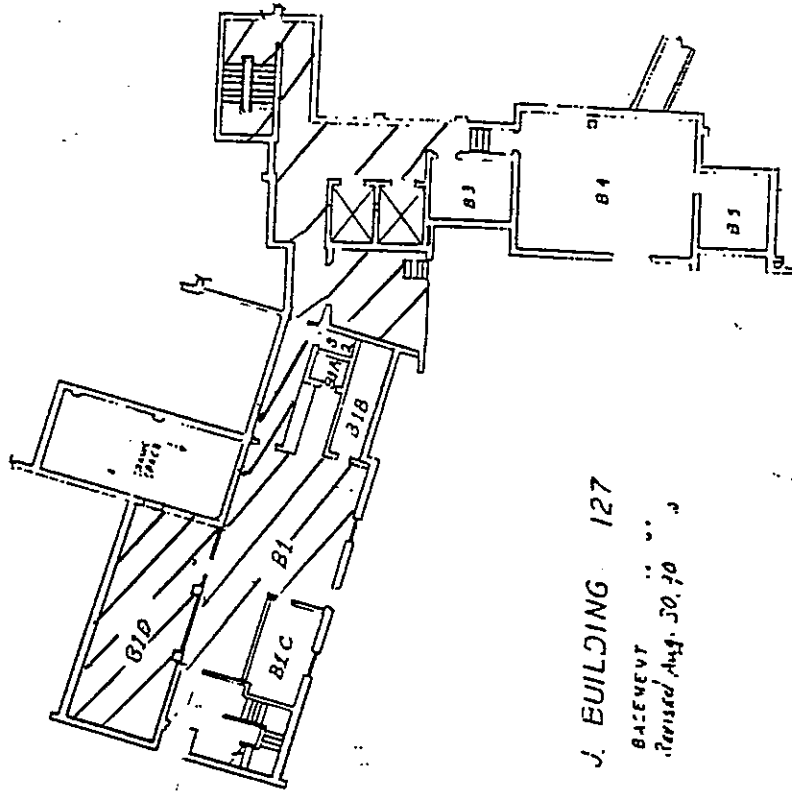


J. B. L. 127 FIRST FLOOR
REVISED AUGUST 70

Room	Sq. Ft.	Room	Sq. Ft.	Room	Sq. Ft.
101	100	111	100	121	100
102	100	112	100	122	100
103	100	113	100	123	100
104	100	114	100	124	100
105	100	115	100	125	100
106	100	116	100	126	100
107	100	117	100	127	100
108	100	118	100	128	100
109	100	119	100	129	100
110	100	120	100	130	100
111	100	121	100	131	100
112	100	122	100	132	100
113	100	123	100	133	100
114	100	124	100	134	100
115	100	125	100	135	100
116	100	126	100	136	100
117	100	127	100	137	100
118	100	128	100	138	100
119	100	129	100	139	100
120	100	130	100	140	100
121	100	131	100	141	100
122	100	132	100	142	100
123	100	133	100		
124	100	134	100		
125	100	135	100		
126	100	136	100		
127	100	137	100		
128	100	138	100		
129	100	139	100		
130	100	140	100		
131	100	141	100		
132	100	142	100		
133	100				
134	100				
135	100				
136	100				
137	100				
138	100				
139	100				
140	100				
141	100				
142	100				
TOTAL	11,245				

BUILDING 127
FLOOR TILE

/// = Floor Tile



J. BUILDING 127
BASEMENT
Revised Aug. 30, 70

BUILDING FLOOR		TOTAL SQUARE	
FOOTAGE	PERCENT	FOOTAGE	PERCENT
Basement	1.67%	Basement	1.67%
1st Floor	11.83%	1st Floor	11.83%
2nd Floor	14.23%	2nd Floor	14.23%
3rd Floor	14.23%	3rd Floor	14.23%
TOTAL	41.96%	TOTAL	41.96%

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000
Inspector Name: Brian Jones

Page 1 of 2

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
VAT-1562	Floor Tile	Basement Stairway #6 N.W. corner	White with tan 12" x 12" floor tile	1,480 SF	5% Chrysotile	5
VAT-1563	Floor Tile	Basement Stairway #5 N.E. corner	White with tan 12" x 12" floor tile	379 SF	10% Chrysotile	5
VAT-1564	Floor Tile	First floor stairway #3 North wall	White with tan 12" x 12" floor tile	878 SF	2% Chrysotile	5
MA-1565 B	Mastic	Basement Room B-1C North wall	Black mastic under White w/ gray 12" x 12" floor tile	129 SF	10% Chrysotile	5
MA-1567 B	Mastic	Second Floor Room 222 North wall	Black mastic under White w/ gray 12" x 12" floor tile	24 SF	5% Chrysotile	5
MA-1568	Mastic	Basement Room B-1C North wall	Black mastic under White w/ gray 12" x 12" floor tile	129 SF	5% Chrysotile	5
MA-1569	Mastic	First floor Room 121 N.E. corner	Black mastic under White w/ gray 12" x 12" floor tile	73 SF	10% Chrysotile	5
MA-1570	Mastic	Second floor Room 222 North wall	Black mastic under White w/ gray 12" x 12" floor tile	24 SF	10% Chrysotile	5
JC-1591 B	Joint Compound	3 rd floor Room 300 West wall	Joint compound	All seam with joint compound	5% Chrysotile	5

ASBESTOS INVENTORY SHEET

Facility Name: Western State Hospital, Staunton
Building No.: 127

Date: March 21, 2000 Page 2 of 2
Inspector Name: Brian Jones

HAS	MATERIAL	LOCATION	DESCRIPTION	QUANTITY	PERCENT ASBESTOS	AHERA DAMAGE CODE
B-HK-01	Insulation	Basement-mechanical room	Boiler/tank insulation	125 mud	See HK report	1
PC-HK-02	Pipe Covering	Third floor-Room 326	Mud joint packing	9 lf.	See HK report	1
CT-HK-03	Ceiling Tile	Basement /First Floor	Semi permanent ceiling	400 sq. ft.	See HK report	7
FD-HK-01	Fire Doors	Throughout the building	Fire Doors	13 Doors	See Algoma sheet	5

Appendix F

ENVIRONMENTAL QUESTIONNAIRE

(To be completed by the current landowner as defined by ASTM E 1527-05)

Property Address: 1301 RICHMOND ROADCity: STAUNTON County: AUGUSTA State: VA. Zip: 24402

Legal Description: _____

Current Property Use: VA STATE MENTAL HOSPITALOccupied by Whom: COMMONWEALTH OF VA. Phone: 540-332-8200.

1. To the best of your knowledge, has the property or any adjoining property ever been used for an industrial or manufacturing use? ☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

2. To the best of your knowledge has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? ☒ Yes ☐ No ☐ Unknown

If yes, please identify and explain:

ABOVE GROUND - NOW REMOVED & IS
ITEMS SHOWN TO SURVEYOR - CURRENTLY JUST A PUMP
STATION

3. To the best of your knowledge, has there ever been any damage or discarded automotive or industrial batteries, pesticides, paints, or other chemicals stored on or used at the property? ☒ Yes ☐ No ☐ Unknown

If yes, please identify and explain:

NONE DISPOSED OF ON PROPERTY - USED FOR DRIVE OPERATION ONLY.

4. To the best of your knowledge, have there ever been any industrial drums or sacks of chemicals located at the property? ☒ Yes ☐ No ☐ Unknown

If yes, please identify and explain: DRUMS OF CHEMICALS FOR WATER TREATMENT & LAUNDRY CLEANING OPERATION.

5. Has fill dirt been brought onto the property from any other sight? ☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

6. To the best of your knowledge, have there ever been any pits, ponds, or lagoons located on the site? ☒ Yes ☐ No ☐ Unknown

If yes, please identify and explain: RETENTION PONDS FOR CCEA PARKING LOT & NATIONAL AVE, REVIEWED BY SURVEYOR.

7. To the best of your knowledge, have there ever been any stained or discolored soils on the property? ☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

8. To the best of your knowledge, have there ever been any registered or unregistered storage tanks (above or below ground level) located on the property? ☒ Yes ☐ No ☐ Unknown

If yes, please identify and explain: *FUEL TANKS FOR BOILERS & GENERATORS.
5000 GAL DIESEL 10000 GAL GAS FOR AUTO/TRUCK FUELING.*

9. To the best of your knowledge, have there ever been any vent pipes, fill pipes, or access ways indicating a fill pipe producing from the ground on the property or adjacent to any structure located on the property? ☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

10. To the best of your knowledge have there ever been any drains, flooring, or walls located with the facility that are stained by substances other than water or emitting foul odors? ☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

11. Has there ever been any type of well or non-public watering system located on the property? If so, have any contaminants been identified in the well or system that exceed guidelines applicable to the water system? ☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

12. Do you know any past, threatened or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property? ☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

13. Have you or any occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property? ☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

14. Do you or any occupant have knowledge of any environmental site assessment of the property that indicated the presence of hazardous substances or petroleum products on, or contamination of the property, or recommended further assessment of the property? ☒ Yes ☐ No ☐ Unknown

If yes, please identify and explain: *ASBESTOS SURVEY DONE PRIOR TO ABATEMENT.
INFO SUPPLIED TO SURVEY TEAM AS REQUESTED.*

15. Does the property discharge wastewater on or adjacent to the property other than stormwater into a sanitary sewer system? ☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

ALL WASTEW. PIPED INTO AUGUSTA SERVICE AUTHORITY LINES.

16. To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials been dumped above-grade, buried and/or burned on the property?

☐ Yes ☒ No ☐ Unknown

If yes, please identify and explain:

17. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of polychlorinated biphenyls (PCBs)? ☐ Yes ☐ No ☒ Unknown

If yes, please identify and explain: *TRANSFORMERS OWNED BY DOMINION POWER*

18. Are you aware of any prior environmental site assessments (Phase I or Phase II) that have been conducted on the property for any purpose? If so, please indicate the approximate date of the assessment or investigation and provide the location of the reports.

☐ Yes ☐ No ☒ Unknown

If yes, please identify and explain: *NOT TO OUR KNOWLEDGE*

I certify that to the best of my knowledge the above statements and facts are true and correct. To the best of my knowledge no material facts have been suppressed or misstated.

Name: Jimmie Lough Date: 8/21/09

Signature: *Jimmie Lough* *Daniel W. Perry*

Please return this completed questionnaire to Wiley|Wilson via fax at 434.947.1659.

LAW OFFICES
BLACK, NOLAND & READ, P. L. C.

BENHAM M. BLACK
N. DOUGLAS NOLAND, JR.
SUSAN B. READ
TATE C. LOVE

BARRISTERS ROW
P. O. Box 1206
STAUNTON, VIRGINIA 24402-1206

PEYTON COCHRAN
(1880-1989)

PHILIP LEE LOTZ
(1913-1988)

AREA CODE 540
TELEPHONE 885-0888
FAX 885-0890

August 26, 2009

File No. 20060117.001
Via Facsimile to: **434-947-1659**

Mr. Tim Wagner
Wiley & Wilson

**RE: Industrial Development Authority of the City of Staunton, Virginia -
Western State Hospital property**

Dear Mr. Wagner:

Attached is the ASTM E 1527-05 User Questionnaire executed by Bill Hamilton on behalf of the Industrial Development Authority of the City of Staunton, Virginia. Mr. Hamilton has asked me to supplement some of his material based upon the results of our examination of the title to the property.

The real estate in question consists of the Western State Hospital property located in the City of Staunton, generally to the north of U.S. Route 250, to the west of Interstate 81, to the east of the C & O Railroad and Frontier Drive, which turns into National Avenue, and generally to the south of other property owned by the IDA. A new survey is required in order to accurately describe the property largely because of the take for I-81.

There is no recorded evidence of any environmental problems in the Clerk's Offices of Augusta County or the City of Staunton.

The property is subject to a number of easements granted over the years for power lines, telephone lines, underground power lines, underground cable television lines, water and sewer lines, a gas transmission line, and an easement for an electrical substation, which is believed to be visible on the property. If you would like to review any of the copies of easements, I will be happy to provide them to you.

There has been a conveyance of a parcel containing approximately one acre to the Virginia State Police, which is presently not included in the property being considered by the City of Staunton.

The bulk of the property was used for farming purposes, as best we could ascertain, until it was conveyed to the Commonwealth in the 1940's. In the early 1950's, U.S. Route 250 was moved to the south and the old roadbed of the former Staunton-Waynesboro road

BLACK, NOLAND & READ, P.L.C.

Mr. Tim Wagner
August 26, 2009
Page 2

was conveyed to the Commonwealth, together with some additional land. This means that some of the land was former roadbed which is roughly parallel to the present Route 250. I will be happy to provide you with the highway plats used at that time. There are no other indications of any other usage of the property in the chain of title.

With kind regards, I remain,

Very truly yours,


N. Douglas Noland, Jr.

NDN,Jr/cfs

Attachment

cc: Mr. William Hamilton

ASTM E 1527-05 USER QUESTIONNAIRE

In order to qualify for one of the Landowner Liability Protections (LIPs) offered by CERCLA, the user must provide the following information (if available) to Wiley|Wilson. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete and forfeiture of CERCLA protection.

Property Address: _____

*Please provide a copy of the legal description of the property (if available) to Wiley|Wilson.

1. What is the reason for requesting this Phase I ESA? Staunton Industrial Development Authority will take title to property from Commonwealth of Virginia for future redevelopment by private firms.
2. Are you aware of any Activity and Use Limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? No.
3. It is the user's responsibility to search for environmental cleanup liens that are filed or recorded against the site. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal state, or local law? No.

*Please provide a copy of the property land title (if available) to Wiley|Wilson.

4. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of chemicals and processes used by this type of business? No. The IDA owns an adjoining property, but has no knowledge or direct experience of chemicals or processes on this property.
5. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower price is because contamination is known or believed to be present at the property? The purchase price reasonably reflects FMV plus a premium paid to acquire title to property. There is no price reduction.
6. Are you aware of commonly known or reasonably ascertainable information about the property that would help Wiley|Wilson to identify conditions indicative of releases or threatened releases? No.

A. Do you know the past uses of the subject property? Past use has been
as a state mental health hospital.

B. Do you know of specific chemicals that are present or once were present at the property? No.

C. Do you know of spills or other chemical releases that have taken place at the property? No.

D. Do you know of any environmental cleanups that have taken place at the property? No.

7. As the user of the ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? No.

I certify that to the best of my knowledge the above statements and facts are true and correct.
To the best of my knowledge no material facts have been suppressed or misstated.

Name: William W. Hamilton Date: 8-24-09
Secretary-Treasurer
Stamford Industrial Development Authority

Please return this completed User questionnaire to Wiley|Wilson via fax at 434.947.1659.



LYNCHBURG

127 Nationwide Drive
Lynchburg, Virginia 24502-4272
434.947.1901

RICHMOND

6606 West Broad Street, Suite 500
Richmond, Virginia 23230-1717
804.254.7242

ALEXANDRIA

2550 Huntington Avenue, Suite 310
Alexandria, Virginia 22303-1410
703.329.3200

wileywilson.com

