

C · E · R · M

CORPORATE ENVIRONMENTAL RISK MANAGEMENT

Client-Centered Solutions

September 12, 2006

Mr. Dave Butler
DEKALB COUNTY
Parks and Recreation Department
1300 Commerce Drive, Suite 200
Decatur, Georgia 30030

**RE: Pre-Demolition Property Conditions & Hazardous Materials Assessment
Brook Run Property— C.E.R.M. Project No. 11-0862-034
4770 North Peachtree Road
Dunwoody, Georgia**

Dear Mr. Butler:


Please find attached the subject **Final Assessment** provided in response to Purchase Order 594541 dated April 14, 2006. The Assessment was conducted to assess asbestos and other potentially hazardous materials and conditions so that mitigation of hazardous conditions and materials can occur prior to demolition of structures and restoration of the site. C.E.R.M. will finalize the Report upon approval from Dekalb County; additional information can and may be added as it becomes available from other sources such as Georgia Power.

The findings of the Assessment can and will be used to further evaluate the requirements of hazardous material abatement and remediation and more importantly the level of effort required by the demolition contractors to demolish, remove and dispose of all waste materials to include hazardous and non-hazardous. It was performed in three phases to include a comprehensive Facility Assessment, Hazardous Materials Assessment, and Asbestos-Containing Material Survey.

The Assessment is organized in three sections: 1) Introduction, 2) Executive Summary, and the 3) Facility Assessment (FA). In conjunction with the FA and to meet the project's goal a Hazardous Materials Assessment and ACM Survey were also conducted and are provided as appendices to the Pre-Demolition Assessment. Findings are documented in a textual report and depicted on site drawings. All tasks were conducted in accordance with applicable local, state and federal regulations, best management practices and industry standards.

Should you have any questions or require additional information, please contact our Facility Assessment Team at (678) 999-0173 or via electronic mail at rcmoody@cerm.com.

Sincerely,


Revonda Cosby-Moody
Senior Project Manager

2115 Monroe Drive
Suite 110
Atlanta, Georgia 30324

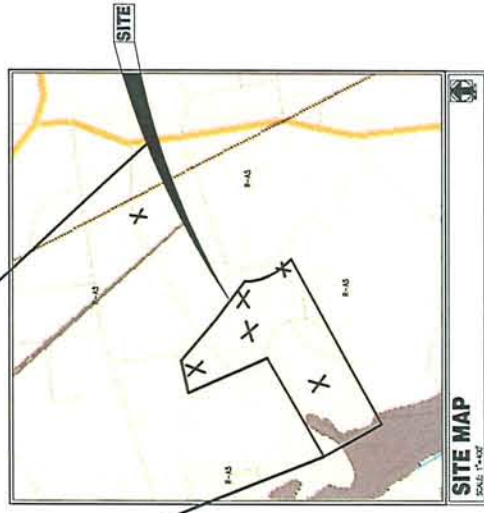
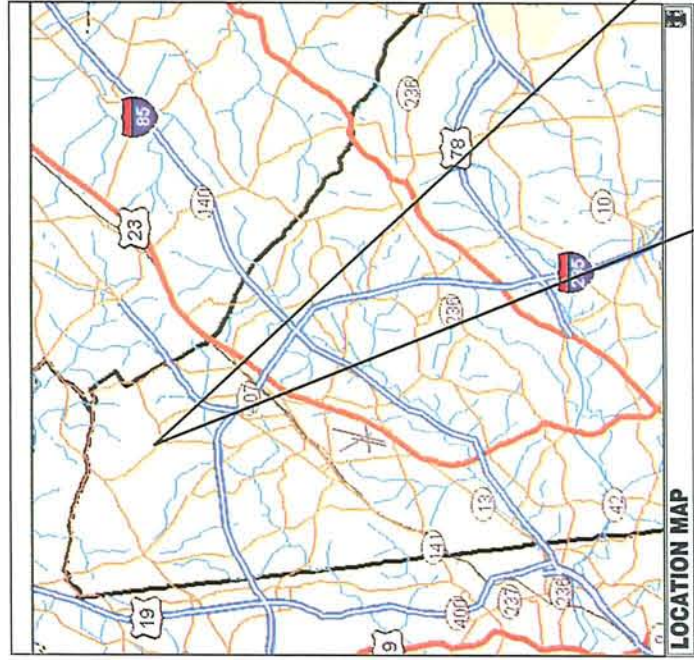
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DEMOLITION & FACILITY ASSESSMENT PLANS

for BROOK RUN PARK

DEKALB COUNTY PARKS AND RECREATIONS 4770 N PEACHTREE RD. & BROOK RUN AVE. DeKalb County, Georgia 30338 Commissioner District: 4

PROJECT DATA:
Land Lot: 353 & 354
District: 18 TH
Tax Parcel ID: 18 354 01 005
Zoning: R-A5



FIRM MAP
FLOOD STATUSES: A PORTION OF THIS SITE IS IN A FLOOD HAZARD ZONE AS PER DEKALB COUNTY FLOOD MAP 1325030314, DATED MAY 07, 2001.

CONSTRUCTION SCHEDULE								
ACTIVITY	MONTH							
	1	2	3	4	5	6	7	8
1. MOBILIZE	■							
2. INITIAL EROSION CONTROL MEASURES	■	■						
3. INSTALL TEMPORARY SEEDMENT BASIN	■	■	■					
4. CLEANING & GRUBBING				■	■	■		
5. TEMPORARY GRASSING				■	■	■		
6. UTILITIES EXHUMATION							■	■
7. GRASSING AND LAISSERAGE							■	■
8. FINAL CLEAN-UP								■
9. MAINTAIN EROSION CONTROL MEASURES								■

MONTH 1 IS TO BE JULY 2006
TEMPORARY GRASSING TO BEGON TWO WEEKS AFTER THE INITIAL DISTURBANCE.
NOTE: INSTALLATION OF WATER QUALITY CONTROL DEVICES SHALL BE CONCURRENT WITH FINAL STABILIZATION AND/OR PRIOR TO MAINTENANCE/PERFORMANCE BOND EXPIRATION.

UTILITIES: DEKALB CO. WATER/SEWER AUTHORITY 770-724-1481 (ERICA KING)
ELECTRICAL: GEORGIA POWER 404-586-6539 (JAC COLLINS)
GAS: ATLANTA GAS LIGHT CONVEYERS 404-427-1861 (MYRON MATHEIS)
CABLE/COMCAST COMMUNICATIONS 770-559-6699 (TRACY SMALLWOOD)
TELEPHONE: BELLSOUTH 404-216-7772 (KEN RECTOR)
BELLSOUTH 404-359-0897 (BOBBY FERRELL)

LOT REQUIREMENT: 100' R-A5
LOT COVERAGE: not exceed 35%
MIN. LOT AREA: 6,000 s.f.
PROPOSED DENSITY: 1 unit/acre
MIN. HOUSE SIZE: not less than 2000 s.f.
MIN. BUILDING HGT.: 20 ft.
MIN. LOT WIDTH: 60 ft.
MIN. LOT DEPTH: NONE
FRONT SETBACK: 5 ft.
SIDE SETBACK: 15 ft.
REAR SETBACK: 30 ft.

TOTAL SITE AREA = 102.58
BUILD-OUT DISTURBANCE ACREAGE = 30.00 ACRES



2115 Monroe Drive N.E.
Suite 110
Atlanta, GA 30324
Phone: (678) 999-0173
Fax: (678) 999-0186
E-mail: johnson@gcerm.com
Project number: 11,0996,00

24 HOUR CONTACT: REVONDA COSSBY-MOODY
2115 MONROE DRIVE, SUITE 110
ATLANTA, GA. 30124
678-999-0173



INDEX OF DRAWINGS

DWG. NO.	TITLE
	COVER SHEET
G1.0	RECOMMENDED GENERAL NOTES & LEGEND
C1.0	EXISTING CONDITIONS PLAN
C1.1	SITE DEMOLITION PLAN
C2.0	SEDIMENTATION/EROSION CONTROL PLAN
C3.0	DETAILS
AB1.0	ASBESTOS PLAN-POWER PLANT BUILDING
AB1.1	ASBESTOS PLAN-THERAPY BLDG. GRD. FLOOR
AB1.2	ASBESTOS PLAN-THERAPY BLDG. 2ND. FLOOR
AB1.3	ASBESTOS PLAN-THERAPY BLDG. 3RD. FLOOR
AB1.4	ASBESTOS PLAN-COTTAGE Nos. 3 & 4
AB1.5	ASBESTOS PLAN-COTTAGE No. 5
E1.0	ENVIRONMENTAL PLAN-POWER PLANT BUILDING
E1.1	ENVIRONMENTAL PLAN-THERAPY BUILDING
E1.2	ENVIRONMENTAL PLAN-THERAPY BLDG. 2ND FLOOR

ALL EROSION AND SEDIMENTATION CONTROLS, AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING

Analytical Environmental Services, Inc.

Date: 28-Jun-06

CLIENT: Greenleaf Environmental **Client Sample ID:** #9
Project: Brook Run Mental Hospital **Collection Date:** 6/16/2006 12:30:00 PM
Lab ID: 0606951-009 **Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH) pH	6.59	0.01	SW9045D	pH Units	(SW9045D) 72170	1	Analyst: EK 6/20/2006 3:35 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
BRL Below Reporting Limit
H Holding times for preparation or analysis exceeded
N Analyte not NELAC certified
B Analyte detected in the associated Method Blank
E Estimated (Value above quantitation range)
S Surrogate Recovery outside accepted recovery limits
Narr See Case Narrative
NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 28-Jun-06

CLIENT: Greenleaf Environmental
Project: Brook Run Mental Hospital
Lab ID: 0606951-010

Client Sample ID: #10
Collection Date: 6/16/2006 12:35:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
HERBICIDES, TCLP		SW1311/8151A		(SW3510B)		Analyst: BJ	
2,4,5-TP (Silvex)	BRL	0.50		mg/L	72191	1	6/22/2006 6:55 PM
2,4-D	BRL	0.50		mg/L	72191	1	6/22/2006 6:55 PM
Surr: DCAA	130	21.3-162		%REC	72191	1	6/22/2006 6:55 PM
PESTICIDES, TCLP		SW1311/8081A		(SW3510B)		Analyst: MM	
Chlordane	BRL	0.0050		mg/L	72192	1	6/22/2006 5:36 PM
Endrin	BRL	0.0010		mg/L	72192	1	6/22/2006 5:36 PM
gamma-BHC	BRL	0.00050		mg/L	72192	1	6/22/2006 5:36 PM
Heptachlor	BRL	0.00050		mg/L	72192	1	6/22/2006 5:36 PM
Heptachlor epoxide	BRL	0.00050		mg/L	72192	1	6/22/2006 5:36 PM
Methoxychlor	BRL	0.0050		mg/L	72192	1	6/22/2006 5:36 PM
Toxaphene	BRL	0.050		mg/L	72192	1	6/22/2006 5:36 PM
Surr: Decachlorobiphenyl	22.5	24.5-128	S	%REC	72192	1	6/22/2006 5:36 PM
Surr: Tetrachloro-m-xylene	52.0	18.6-129		%REC	72192	1	6/22/2006 5:36 PM
MERCURY, TCLP		SW1311/7470A		(SW7470A)		Analyst: VA	
Mercury	BRL	0.00400		mg/L	72195	1	6/21/2006 1:52 PM
ICP METALS, TCLP		SW1311/6010B		(SW3010A)		Analyst: AO	
Arsenic	BRL	0.250		mg/L	72187	1	6/21/2006 2:00 PM
Barium	BRL	0.500		mg/L	72187	1	6/21/2006 2:00 PM
Cadmium	BRL	0.0250		mg/L	72187	1	6/21/2006 2:00 PM
Chromium	0.230	0.0500		mg/L	72187	1	6/21/2006 2:00 PM
Lead	0.106	0.0500		mg/L	72187	1	6/21/2006 2:00 PM
Selenium	BRL	0.100		mg/L	72187	1	6/21/2006 2:00 PM
Silver	BRL	0.0250		mg/L	72187	1	6/21/2006 2:00 PM
VOLATILES, TCLP		SW1311/8260B		(SW5030B)		Analyst: JTC	
1,1-Dichloroethene	BRL	0.50		mg/L	72228	100	6/23/2006 3:31 PM
1,2-Dichloroethane	BRL	0.50		mg/L	72228	100	6/23/2006 3:31 PM
2-Butanone	BRL	1.0		mg/L	72228	100	6/23/2006 3:31 PM
Benzene	BRL	0.50		mg/L	72228	100	6/23/2006 3:31 PM
Carbon tetrachloride	BRL	0.50		mg/L	72228	100	6/23/2006 3:31 PM
Chlorobenzene	BRL	0.50		mg/L	72228	100	6/23/2006 3:31 PM
Chloroform	BRL	0.50		mg/L	72228	100	6/23/2006 3:31 PM
Tetrachloroethene	BRL	0.50		mg/L	72228	100	6/23/2006 3:31 PM
Trichloroethene	BRL	0.50		mg/L	72228	100	6/23/2006 3:31 PM
Vinyl chloride	BRL	0.20		mg/L	72228	100	6/23/2006 3:31 PM
Surr: 4-Bromofluorobenzene	104	64.2-123		%REC	72228	100	6/23/2006 3:31 PM
Surr: Dibromofluoromethane	101	67.8-122		%REC	72228	100	6/23/2006 3:31 PM
Surr: Toluene-d8	116	76.1-120		%REC	72228	100	6/23/2006 3:31 PM
IGNITABILITY		SW1010				Analyst: CT	
Ignitability	162	0		°F	72373	1	6/26/2006 7:30 AM

Qualifiers: * Value exceeds Maximum Contaminant Level E Estimated (Value above quantitation range)
 BRL Below Reporting Limit S Surrogate Recovery outside accepted recovery limits
 H Holding times for preparation or analysis exceeded Narr See Case Narrative
 N Analyte not NELAC certified NC Not Confirmed
 B Analyte detected in the associated Method Blank

Analytical Environmental Services, Inc.

Date: 28-Jun-06

CLIENT: Greenleaf Environmental **Client Sample ID:** #10
Project: Brook Run Mental Hospital **Collection Date:** 6/16/2006 12:35:00 PM
Lab ID: 0606951-010 **Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH) pH	11.7	0.01	SW9045D	pH Units	(SW9045D) 72170	1	Analyst: EK 6/20/2006 3:35 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
BRL Below Reporting Limit
H Holding times for preparation or analysis exceeded
N Analyte not NELAC certified
B Analyte detected in the associated Method Blank
E Estimated (Value above quantitation range)
S Surrogate Recovery outside accepted recovery limits
Narr See Case Narrative
NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 28-Jun-06

CLIENT: Greenleaf Environmental **Client Sample ID:** #11
Project: Brook Run Mental Hospital **Collection Date:** 6/16/2006 12:40:00 PM
Lab ID: 0606951-011 **Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
HERBICIDES, TCLP		SW1311/8151A		(SW3510B)		Analyst: BJ	
2,4,5-TP (Silvex)	BRL	0.50		mg/L	72191	1	6/22/2006 7:23 PM
2,4-D	BRL	0.50		mg/L	72191	1	6/22/2006 7:23 PM
Surr: DCAA	85.0	21.3-162		%REC	72191	1	6/22/2006 7:23 PM
PESTICIDES, TCLP		SW1311/8081A		(SW3510B)		Analyst: MM	
Chlordane	BRL	0.0050		mg/L	72192	1	6/23/2006 2:46 PM
Endrin	BRL	0.0010		mg/L	72192	1	6/23/2006 2:46 PM
gamma-BHC	BRL	0.00050		mg/L	72192	1	6/23/2006 2:46 PM
Heptachlor	BRL	0.00050		mg/L	72192	1	6/23/2006 2:46 PM
Heptachlor epoxide	BRL	0.00050		mg/L	72192	1	6/23/2006 2:46 PM
Methoxychlor	BRL	0.0050		mg/L	72192	1	6/23/2006 2:46 PM
Toxaphene	BRL	0.050		mg/L	72192	1	6/23/2006 2:46 PM
Surr: Decachlorobiphenyl	105	24.5-128		%REC	72192	1	6/23/2006 2:46 PM
Surr: Tetrachloro-m-xylene	111	18.6-129		%REC	72192	1	6/23/2006 2:46 PM
MERCURY, TCLP		SW1311/7470A		(SW7470A)		Analyst: VA	
Mercury	BRL	0.00400		mg/L	72195	1	6/21/2006 1:54 PM
ICP METALS, TCLP		SW1311/6010B		(SW3010A)		Analyst: AO	
Arsenic	BRL	0.250		mg/L	72187	1	6/21/2006 2:13 PM
Barium	BRL	0.500		mg/L	72187	1	6/21/2006 2:13 PM
Cadmium	BRL	0.0250		mg/L	72187	1	6/21/2006 2:13 PM
Chromium	BRL	0.0500		mg/L	72187	1	6/21/2006 2:13 PM
Lead	BRL	0.0500		mg/L	72187	1	6/21/2006 2:13 PM
Selenium	BRL	0.100		mg/L	72187	1	6/21/2006 2:13 PM
Silver	BRL	0.0250		mg/L	72187	1	6/21/2006 2:13 PM
VOLATILES, TCLP		SW1311/8260B		(SW5030B)		Analyst: JTC	
1,1-Dichloroethene	BRL	0.10		mg/L	72228	20	6/23/2006 12:47 PM
1,2-Dichloroethane	BRL	0.10		mg/L	72228	20	6/23/2006 12:47 PM
2-Butanone	BRL	0.20		mg/L	72228	20	6/23/2006 12:47 PM
Benzene	BRL	0.10		mg/L	72228	20	6/23/2006 12:47 PM
Carbon tetrachloride	BRL	0.10		mg/L	72228	20	6/23/2006 12:47 PM
Chlorobenzene	BRL	0.10		mg/L	72228	20	6/23/2006 12:47 PM
Chloroform	BRL	0.10		mg/L	72228	20	6/23/2006 12:47 PM
Tetrachloroethene	BRL	0.10		mg/L	72228	20	6/23/2006 12:47 PM
Trichloroethene	BRL	0.10		mg/L	72228	20	6/23/2006 12:47 PM
Vinyl chloride	BRL	0.040		mg/L	72228	20	6/23/2006 12:47 PM
Surr: 4-Bromofluorobenzene	106	64.2-123		%REC	72228	20	6/23/2006 12:47 PM
Surr: Dibromofluoromethane	98.4	67.8-122		%REC	72228	20	6/23/2006 12:47 PM
Surr: Toluene-d8	111	76.1-120		%REC	72228	20	6/23/2006 12:47 PM
IGNITABILITY		SW1010				Analyst: CT	
Ignitability	>200	0		°F	72373	1	6/26/2006 7:30 AM

Qualifiers: * Value exceeds Maximum Contaminant Level E Estimated (Value above quantitation range)
 BRL Below Reporting Limit S Surrogate Recovery outside accepted recovery limits
 H Holding times for preparation or analysis exceeded Narr See Case Narrative
 N Analyte not NELAC certified NC Not Confirmed
 B Analyte detected in the associated Method Blank

Analytical Environmental Services, Inc.

Date: 28-Jun-06

CLIENT: Greenleaf Environmental
Project: Brook Run Mental Hospital
Lab ID: 0606951-011

Client Sample ID: #11
Collection Date: 6/16/2006 12:40:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH) pH	8.01	0.01	SW9045D	pH Units	(SW9045D) 72170	1	Analyst: EK 6/20/2006 3:35 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
BRL Below Reporting Limit
H Holding times for preparation or analysis exceeded
N Analyte not NELAC certified
B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)
S Surrogate Recovery outside accepted recovery limits
Narr See Case Narrative
NC Not Confirmed

Appendix B
ACM Survey Report



C · E · R · M

CORPORATE ENVIRONMENTAL RISK MANAGEMENT

Client-Centered Solutions

June 30, 2006

Mr. Dave Butler
DEKALB COUNTY, GEORGIA
Park Bond and Greenspace Program
1300 Commerce Drive, Suite 200
Decatur, Georgia 30030

**RE: Asbestos-Containing Materials Survey
Brook Run Property
4770 North Peachtree Road
Dunwoody, Georgia
C.E.R.M. Project No. 11-0862-034**

Dear Mr. Butler:

Corporate Environmental Risk Management, LLC (C.E.R.M.) was retained by DeKalb County to conduct a bulk sampling survey of suspect asbestos-containing materials (ACM) at 4770 North Peachtree Road, Dunwoody, Georgia. This assignment was performed in connection with a Facility Assessment at the referenced property.

The property consist of a 102 acre-tract of land comprising of an open park area, former mental hospital facility, several cottages, sheds, a power plant, and administrative buildings. The area of concern for the survey consisted of the Therapy Building, Cottage Nos. 3, 4, and 5, and the Power Plant Building.

Mr. Lorenzo Gates and Mr. Ronald Crumsey of C.E.R.M. performed the survey from May 9-23, 2006. The survey was performed in accordance with Environmental Protection Agency's (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations and good commercial and customary practices included in the EPA Document, Guidance for Assessing and Managing Exposure to Asbestos in Buildings.

SCOPE OF SERVICES

The Scope of Work included the on-site survey with sample collection and analysis for the presence of ACM. Suspect ACM was representatively sampled where observed.

2115 Monroe Drive
Suite 110
Atlanta, Georgia 30324

Tel: 678.999.0173
Fax: 678.999.0186
www.cerm.com

SAMPLING METHODOLOGY

The accessible areas of the buildings were observed for suspect ACM. Small pieces of each observed suspect ACM were collected using a metal chisel, and/or other means, including a hammer where necessary. Each sample was placed in an individual plastic container and given a unique sample identification number. The sample number, material location, and material description were recorded on a field survey log.

Samples were collected and shipped to Analytical Environmental Services, Inc. (AES) for analysis of total asbestos concentration.

FIELD AND LABORATORY RESULTS

A total of two hundred and twenty seven (227) suspect ACM samples were collected. The samples were submitted under chain of custody for analysis of total asbestos content (visually estimated percent by volume). The laboratory analytical results and completed Chain of Custody are attached.

EPA/NESHAP regulations define asbestos as any material containing greater than 1 percent asbestos in bulk samples. The samples were analyzed by Polarized Light Microscopy (PLM) coupled with dispersion staining techniques in accordance with the EPA Method EPA-600/R-93/116.

Two materials, drywall compound and 2' x 2' ceiling tile, were found to contain <1% asbestos. In accordance with EPA NESHAP regulations, analysis of this sample by PLM Point-count was requested. In accordance with the EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations, samples yielding results from trace (<1%) to 10% asbestos must be analyzed by PLM point count method in order to dismiss the material as an ACM. PLM point count analysis was requested for five (5) samples representing two (2) homogeneous materials (2' x 2' Ceiling Tiles and Drywall Compound in the Therapy Building). All results were <1% asbestos content. The results are summarized in the table below. Materials which yield a result of greater than 1% asbestos have been indicated in bold.

Table 1: Therapy Building

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
509TB-001	2" x 2" ceiling tile	Kitchen Office Area	NA	ND
509TB-002	Drywall material	Kitchen Office Area	NA	ND
509TB-003	Drywall Compound	Kitchen Office Area	NA	ND
509TB-004	Plaster Base Coat	Kitchen Office Area Ceiling	NA	ND
509TB-005	Plaster finish coat	Kitchen Office Area Ceiling	NA	ND
509TB-006	2" x 2" Ceiling Tile	Kitchen Office Area	NA	ND
509TB-007	Drywall material	Kitchen Office Area	NA	ND
509TB-008	Drywall Compound	Kitchen Office Area	NA	ND
509TB-009	Plaster Base Coat	Kitchen Office Area Ceiling	NA	ND
509TB-010	Plaster Finish Coat	Kitchen Office Area Ceiling	NA	ND
509TB-011	Pipe Fitting Insulation	Kitchen West Mechanical Area	TBD	2% Chr. / < 1% Am.
509TB-012	Pipe Fitting Insulation	Kitchen West Mechanical Area	TBD	ND/ 2% Chr.
509TB-013	Pipe Run Insulation	Kitchen West Mechanical Area	TBD	20% Chr.
509TB-014	Pipe Run Insulation	Kitchen West Mechanical Area	TBD	20% Chr.
509TB-015	Skim coat on valve insulation	Kitchen West Mechanical Area	TBD	2% Chr./ND/ ND
509TB-016	Skim coat on valve insulation	Kitchen West Mechanical Area	TBD	2% Chr./ND/ ND
509TB-017	Covering of fiberglass- Pipe Insulation	Kitchen West Mechanical Area	NA	ND/ ND
509TB-018	Covering of fiberglass- Pipe Insulation	Kitchen West Mechanical Area	NA	ND/ ND
509TB-019	Pipe Fitting Insulation	Bakery Area under sink	NA	ND/ ND
509TB-020	Pipe Fitting Insulation	Bakery Area under sink	NA	ND/ ND
509TB-021	Pipe Run Insulation	Bakery Area under sink	TBD	ND/ 2% Chr.
509TB-022	Pipe Run Insulation	Bakery Area under sink	TBD	ND/ 2% Chr.
509TB-023	2" x 2" ceiling tile	Dining Area- East Side	NA	ND

Table 1: Therapy Building (Continued)

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
509TB-024	Transite Window Panel Interior	Dining Area- East Side	502 windows	30% Chr.
509TB-025	Transite Window Panel Exterior	Dining Area- East Side	See -025	30% Chr.
509TB-026	2' x 2' Ceiling Tile	Dining Area- West Side	NA	ND
509TB-027	Transite Window Panel Interior	Dining Area- West Side	See-025	30% Chr.
509TB-028	Transite Window Panel Exterior	Dining Area- West	See-025	30% Chr.
509TB-029	1' x 1' ceiling tile (spline)	Dining Area- Control Room	See-025	2% Am.
509TB-030	1' x 1' ceiling tile (spline)	Dining Area- East	See-025	2% Am.
509TB-031	Drywall Material	Above Food Serving Area	NA	ND/ ND
509TB-032	3' x 3' Floor Tile	Nutrition Area	NA	ND
509TB-033	White mastic on pipe insulation	Mechanical Room at Freight Elevator	NA	ND
509TB-034	Plaster Material	Mechanical Room at Freight Elevator	NA	ND
509TB-035	Spray-applied Fireproofing	Above serving line ceiling	TBD	2% Chr.
509TB-036	Spray Applied Fireproofing	Above serving line ceiling	TBD	2% Chr.
509TB-037	3' x 3' Floor tile	Dining Area	NA	ND
509TB-038	12" x 12" Floor tile, off white w/ green	Dining Area at serving line	NA	ND
509TB-039	12" x 12" Floor tile, black	Dining Area at serving line	NA	ND
509TB-040	Pipe Run Insulation	Central Kitchen Pipe Chase	TBD	ND/ <1% Chr., 3% Am., 5% An
509TB-041	Pipe Run Insulation	Central Kitchen Pipe Chase	TBD	ND/ <1% Chr., 3% Am., 5% An
509TB-042	Pipe Fitting Insulation	Central Kitchen Pipe Chase	TBD	2% Am.
509TB-043	Pipe Fitting Insulation	Central Kitchen Pipe Chase	TBD	2% Am.
509TB-044	Transite Soffit Panel	Loading dock- Section 5/6. Third floor	3,200LF	30% Chr.
509TB-045	Transite Soffit Panel	Section 5/6 Roof Overhand	See-044	30% Chr.
510TB-046	1' x 1' Ceiling tile (spline)	Unit "E" reception area	10,550	ND, 2% Am.

Table 1: Therapy Building (Continued)

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
510TB-047	12" x 12" Floor tile	Restroom (31)	NA	ND
510TB-048	12" x 12" Floor tile	Restroom (31)	NA	ND
510TB-049	Tape on CHS Pipe Insulation	Above ceiling, Unit E (28) Corridor	NA	ND
510TB-050	Pipe Fitting Insulation/ Covering (HWS)	Above ceiling, Unit E (28) Corridor	NA	ND/ND
510TB-051	Fire Door Insulation	Corridor (21) at Section 4/5	NA	ND
510TB-052	Overspray material on duct	Above ceiling, Unit E (28) Corridor	NA	ND
510TB-053	Insulation at Pipe Fitting	Above Ceiling Unit E (28) Corridor	TBD	<1% Chr., <1% Am.
510TB-054	Drywall Compound	Serving Area Façade	NA	ND
510TB-055	Pipe Fitting Insulation	Men's Locker Room	TBD	ND/ <1% Chr., <1% Am.
510TB-056	Pipe Run Insulation	Men's Locker Room	TBD	10% Am.
510TB-057	2' x 2' Ceiling Tile	Men's Locker Room	NA	ND
510TB-058	Plaster Material	Restroom off Men's Locker Room	NA	ND
510TB-059	Pipe Run Insulation	Mechanical Area, Adjacent Area 13	TBD	20% Chr.
510TB-060	2' x 2' Ceiling Tile	Corridor	NA	ND
510TB-061	2' x 2' Ceiling Tile	Dry Storage Area (11)	NA	ND
510TB-062	Tank head Insulation	Mechanical Area off Loading Dock	NA	ND
510TB-063	Pipe Insulation	Mechanical Area off Loading Dock	TBD	20% Chr.
510TB-064	Spray Applied Fireproofing (Replacement)	Mechanical Area off Loading Dock	NA	ND
510TB-065	Pipe Elbow Insulation (Replacement)	Mechanical Area off Loading Dock	NA	ND/ ND
510TB-066	Pipe Run Insulation	Mechanical Area off Loading Dock	TBD	5% Am 5% An.
510TB-067	2' x 2' Ceiling Tile	Mechanical (Sprinkler) Area off Dock	NA	ND
510TB-068	Tank Insulation (Replacement)	Mechanical area off Loading Dock	NA	ND
511TB-069	Lab Table top material	Chemistry Lab (40)	NA	ND
511TB-070	Drywall material	Corridor East	NA	ND

Table 1: Therapy Building (Continued)

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
511TB-071	Drywall compound	Corridor, East at Storage	NA	<1% Chr. (0.3% Chr.)
511TB-072	Plaster material perimeter	Wall at Corridor End	NA	ND
511TB-073	2' x 2' Ceiling Tile	Corridor, East	NA	ND
511TB-074	White duct mastic	Above East corridor ceiling	NA	ND/ ND
511TB-075	Pipe Elbow Insulation	North Mechanical Room, Corner	TBD	<1% Am.
511TB-076	Pipe Insulation	North Mechanical Room	TBD	<1% Am.
511TB-077	Pipe Insulation	North Mechanical Room	TBD	<1% Chr., 15% Am.
512TB-078	HVAC Vibration Damper	East End Mechanical Room	10 Each	75% Chr.
512TB-079	2' x 2' Ceiling Tile	Corridor at Mechanical Room	NA	<1% Am. (0.5% Chr.)
512TB-080	Plaster	On overhand Northeast Dock Area	NA	ND
512TB-081	Transite Window Panel	Open Court Area Corridor	See 024	30% Chr.
512TB-082	White HVAC Duct Mastic	Corridor above ceiling	NA	ND
512TB-083	Wall Plaster	Corridor	NA	ND/ ND
512TB-084	Drywall Material	Corridor at Open Court Area	NA	ND/ ND
512TB-085	Drywall Compound	Secretary Area (10), in corner	NA	ND
512TB-086	Pipe Elbow Insulation Covering	Above Ceiling at HVAC Duct, Corridor	NA	ND/ ND
512TB-087	Pipe Elbow Insulation Covering	Above Ceiling at HVAC Duct, Corridor	NA	ND
512TB-088	1' x 1' Ceiling Tile (Spline)	Cytogenetics Office	See 046	<1% Am.
512TB-089	Fire Door insulation	Unit E-3 skilled care (12)	TBD	15% Am.
512TB-090	Transite Soffit Overhang	Open Court Overhang at Corridor	See-044	30 % Chr.
515TB-091	3' x 3' Floor tile, olive green	Unit E-2 skilled care (12)	NA	ND
515TB-092	12" x 12" Floor tile, off white	Unit E-2 skilled care	NA	ND
515TB-093	Window caulking	Corridor at area 15	See 024	2% Chr.
515TB-094	12" x 12" Floor tile, off-white w/green	Laundry area (1), West end	NA	ND

Table 1: Therapy Building (Continued)

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
515TB-095	Replacement Fireproofing	Mechanical Area (22)	NA	ND
515TB-096	Wall Plaster	Unit F-7 Intermediate Care (13)	NA	ND
515TB-097	Linoleum Floor Covering	Corridor Entry to area 18	200	50% Chr.
515TB-098	Drywall Material	Corridor entry to (12) Double Doors	NA	ND
515TB-099	9" x 9" Floor tile, black w/ white specks	Sterilization Area (95)	NA	ND
515TB-100	9" x 9" Floor tile, black w/ white specks	Recovery Room (96)	NA	ND
515TB-101	Drywall Compound	Corridor at Area 100	NA	ND
515TB-102	Drywall Material	Corridor at Area 100	NA	ND
515TB-103	2' x 2' Ceiling Tile	Waiting Room	NA	ND
515TB-104	Drywall Compound	Lobby at Corridor Entry	NA	ND
515TB-105	Drywall Material	Lobby at Corridor Entry	NA	ND/ND
515TB-106	12" x 12" Floor tile, off white w/ specks/ mastic	Unit F-2 student Bedroom	4,600	ND/ 2% Chr.
515TB-107	12" x 12" Floor tile, off white w/ specks/ mastic	Unit F Program Area (6)	See 106	ND/ 2% Chr.
515TB-108	3' x 3' Floor tile, tan	Unit F-4 Student Bedroom (4)	NA	ND
515TB-109	12" x 12" Floor Tile w/ specks/ mastic	Off-white w/ specks	See 106	ND/ 3% Chr.
515TB-110	2' x 2' Ceiling tile central	Warehouse receiving (8)	NA	ND/ ND
515TB-111	Pipe Room Insulation	Mechanical Area (12) at pool	NA	ND
515TB-112	Pipe Fitting Insulation	Mechanical Area (12) at Pool	NA	ND
515TB-113	Replacement Fireproofing	Mechanical Area (12) at Pool	NA	ND
515TB-114	Drywall Material	Mechanical Area (12) at Pool	NA	ND
515TB-115	12" x 12" Floor tile, white w/black	Corridor (2) at Area 21	NA	ND
515TB-116	12" x 12" Floor tile, white w/ Black	Corridor (2) at Area 21	NA	ND
515TB-117	12" x 12" Floor tile, white w/ black	Waiting area (35)	NA	ND
516TB-118	Sheet Presser belt material	Laundry Area	NA	ND

Table 1: Therapy Building (Continued)

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
516TB-119	Conveyor belt material	Laundry Area	NA	ND
516TB-120	Replacement tank Insulation	Laundry Area	NA	ND
516TB-121	HVAC Vibration Damper	Mechanical Area	See 097	65% Chr.
602TB-217	1' x 1' Acoustical Tile	Wall, Music Practice Room (55)	NA	ND
602TB-218	Glue Dot	Music Practice Room (55)	NA	ND
602TB-219	Drywall Compound	Laboratory Observation Room Archway	NA	ND
602TB-220	Drywall Compound	Examining Room (38)	NA	<1% Chr. (0.5)
602TB-221	Drywall Compound	Minor Surgery (40)	NA	<1% Chr. (0.8)
602TB-222	Drywall Compound	Examining Room (42)	NA	<1% Chr. (0.3)
602TB-223	Window Caulking	Window at Stairs	See 024	3% Chr.
602TB-224	Window Caulking	Dining Area East	See 024	2% Chr.
602TB-225	Window Caulking	Dining Area West	See 024	5% Chr.
602TB-226	Sink Under Coating	Dental Operatory (80)	10 each	15% Chr.
602TB-227	Pitch Tar	Roof Penetration		ND/ND

Table 2: Power Plant

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
516PP-122	Pipe Run Insulation	Northwest Corner, elevated	TBD	5% Chr., 15% Am.
516PP-123	Tank Insulation	Northwest corner	NA	ND
516PP-124	Boiler Flue Insulation	Northeast Corner	NA	ND
516PP-125	Pipe Insulation	Exterior System	NA	ND
516PP-126	Transite Soffit Panels	Exterior		25% Chr.

Table 3: Cottage Nos. 3, 4 and 5

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
Cottage No. 3				
518C3-127	3' x 3' Floor Tile	Student Bedroom (2), Upper Level	NA	ND
518C3-128	Drywall material	Clinic area (9)	NA	ND
518C3-129	3' x3' Floor tile	Upper level west	NA	ND
518C3-130	Transite Soffit Panel	East Overhang	1,400 LF	25% Chr.
518C3-131	Transite Window Panel	Open Court Area South	58	25% Chr.
518C3-132	2' x 2' Ceiling Tile	Upper Level West Highway	NA	ND
518C3-133	1' x 1' Ceiling Tile	Southwest Student Room	8,050	3% Am.
518C3-134	2' x 2' Ceiling Tile	Upper Level Elevator Lobby	NA	ND
518C3-135	Plaster material	Southeast Student Room (2)	NA	ND
518C3-136	Plaster Material	Upper Level Elevator Lobby	NA	ND
518C3-137	12" x 12" Floor tile, off white w/ tan specks	Upper level Storage (11)	NA	ND
518C3-138	12" x 12" Floor tile, off white w/ black and gray spots	Large Southwest Room	NA	ND
518C3-139	3' x 3' Floor tile, off white	Northwest adjacent Storage Room	NA	ND
518C3-140	2' x 2' Ceiling Tile	Large Southwest Room	NA	ND
518C3-141	Cement Wallboard	Large Southwest Room	NA	ND
518C3-142	Wall Plaster	Bathroom of Large Southwest Corner	NA	ND
518C3-143	Drywall Compound	Large Southwest Room Bathroom	NA	ND
518C3-144	Drywall Material	Bathroom at large Southwest Room	NA	ND
518C3-145	Drywall Compound	Large Southwest Room at Window	NA	ND
518C3-146	12" x 12" Floor tile, off white w/ beige and brown	South Hallway off loading deck	2,000	ND/ 2% Chr.,
518C3-147	12" x 12" Floor tile, off white w/ beige and brown	North Hallway off loading deck	NA	ND
518C3-148	12" x 12" Floor tile, off white w/ tan	Northwest Stair Landing	NA	ND
518C3-149	Spray Applied Fireproofing	Southeast Suite Adjacent Room	1,700	5% Chr.

Table 3: Cottage Nos. 3, 4 and 5 (Continued)

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
518C3-150	12" x 12" black Floor tile	Southeast Suite Kitchen	NA	ND
518C3-151	12" x 12" Floor tile, off white w/ tan/mastoc	Southeast Stairwell bottom landing	See 149	ND/ 2% Chr.
518C3-152	3' x 3' Floor Tile, brown	Storage closet off south hallway	NA	ND
518C3-153	3' x 3' Floor Tile, beige w/cream streaks	Southeast Stairwell mid landing	NA	ND
518C3-154	Plaster Material	Loading Dock Overhand	NA	ND
Cottage No. 4				
518C4-155	3' x 3' Floor tiles beige w/ cream streaks	Northwest Stairwell Landing	NA	ND
518C4-156	12" x 12" Floor tile, off white w/black and gray spots	Northwest Suite	NA	ND
518C4-157	3' x 3' Floor tile, off white	Northwest Suite	NA	ND
518C4-158	Wall Plaster	Northwest Bathroom Area	NA	ND
518C4-159	Drywall Joint Compound	Northwest Bathroom Area	NA	ND
518C4-160	2' x 2' Ceiling Tile	Northwest Suite	NA	ND
518C4-161	3' x 3' Floor tile	Southwest Suite Mechanical Room	NA	ND
518C4-162	Cement Wallboard	Southwest Suite	NA	ND
518C4-163	Spray-Applied Fireproofing	Southwest Suite Adjacent Room	1,700	5% Chr.
518C4-164	12" x 12" Floor tile, black	Southwest Suite Kitchen	2,000	50% Chr.
518C4-165	3' x 3' Floor tile, gray w/ beige marble pattern	Upper NW Stairwell Landing	NA	ND
518C4-166	3' x 3' Floor tile, light gray w/ beige marble pattern	Upper NW Stairwell Landing	See 164	ND/ 2% Chr.
518C4-167	3' x 3' Floor tile, light gray	Upper NW Hallway	NA	ND
518C4-168	3' x 3' Floor tile, light gray	Serving Area Façade	NA	ND
518C4-169	3' x 3' Floor tile, off white/ mastic	Northwest Student Room	See 164	ND/ 5% Chr.
518C4-170	3' x 3' Floor tile, brown w/ beige	SW Hallway	NA	ND
518C4-171	3' x 3' Floor tile, brown w/ beige	SW Hallway	NA	ND
519C4-172	3' x 3' Floor tile, red w/ crème	Central Corridor	NA	ND

Table 3: Cottage Nos. 3, 4 and 5 (Continued)

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
519C4-173	3' x 3' Floor tile, red w/ crème	Central Corridor	NA	ND
519C4-174	Transite Window Panel	Central Office (4) windows	60	25% Chr.
519C4-175	Fire Door Insulation	SW Corridor Entry	TBD	5% Chr. , 5% Am.
519C4-176	Transite window panel	Corridor at west courtyard	See 174	35% Chr.
519C4-177	Transite Soffit Overhang	Exterior at South Entry	1,400 LF	30% Chr.
519C4-178	1' x 1' Ceiling Tile (Spline)	SW Student Room	8,050	3% Am.
522C4-179	1' x 1' Ceiling Tile (Spline)	Two bed Student Room	See 178	3% Am.
522C4-180	Drywall material	Clinic Area Wall	NA	ND
522C4-181	Drywall Joint Material	Clinic Area Wall	NA	ND/ ND/ ND
522C4-182	12" x 12" Floor tile	Section 5/6 Roof Overhang	NA	ND/ ND
522C4-183	3' x 3' Floor tile, off white w/gray streaks/ mastic	Northeast Hallway	See 164	ND/ 2% Chr.
522C4-184	3' x 3' Floor tile, off white w/ brown streaks/ mastic	Northeast Stairwell Bottom Landing	See 164	ND/ 2% Chr.
522C4-185	Caulking material for exhaust duct / mastic	Ground level, 2 nd Floor	See 174	ND/ 10% Chr.
523C4-186	12" x 12" Floor tile, brown w/ beige streaks/ mastic	Northwest Hallway, Border	See 164	ND/ 2% Chr.
523C4-187	12" x 12" Floor tile, brown w/ white streaks/ mastic	Northwest Hallway	See 164	ND/ 2% Chr.
523C4-188	3' x 3' Floor tile, off white w/ white streaks	Northwest Student Room	NA	ND
523C4-189	2' x 2' Ceiling Tile	Northwest Hallway	NA	ND
523C4-190	1' x 1' Ceiling Tile (Spline)	Northwest Student Room	See 178	5% Am.
523C4-191	Plaster Material	Student Room Wall	NA	ND
523C4-192	12" x 12" Floor tile, gray w/ white and dark gray	Room 170	NA	ND
523C4-193	12" x 12" Floor tile, gray w/white speck	Hallway off loading dock	NA	ND
523C4-194	3' x 3' Floor tile, off white w/gray streaks	Southwest Suite bedroom	NA	ND
523C4-195	Transite Soffit Material	Exterior W, Under Roof overhang	See 177	30% Chr

Table 3: Cottage Nos. 3, 4 and 5 (Continued)

Sample ID	Suspect Material	Location	Quantity (SF)	Results (% ACM)
523C4-196	Drywall Compound	Southwest Suite	NA	ND
523C4-197	Drywall Material	Southwest Suite	NA	ND
523C4-198	Covebase Material	Southwest Suite	NA	ND
523C4-199	3' x 3' Floor tile, beige w/ off white	Southeast Suite	NA	ND
523C4-200	2' x 2' Ceiling Tile	East Hallway	NA	ND
523C4-201	1' x 1' Ceiling Tile (Spline)	Northeast Student Room	See 133	5% Am.
Cottage No. 5				
523C5-202	T3' x 3' Floor tile	Exterior SW, Under Roof Overhang	NA	ND
523C5-203	3' x 3' Floor tile, off white w/gray streaks	Room off Hallway	NA	ND
523C5-204	12" x 12" Floor tile, green w/gray and white specks	Large Room off Courtyard	NA	ND
523C5-205	3' x 3' Floor tile, tan w/white streaks/ mastic	Closet off Large Room	6,900	ND/ 2% Chr.
523C5-206	12" x 12" Floor tile, light gray w/white and brown/ mastic	East Hallway, north end	See 205	ND/ 2% Chr.
523C5-207	12" x 12" Floor tile, tan w/ white streaks	East Hallway	NA	ND
523C5-208	12" x 12" Floor tile, brown w/beige streaks/ mastic	East Hallway, Border	See 205	ND/ 2% Chr.
523C5-209	Transite Panel	Nurses Station Central Interior	1,200 LF	35% Chr.
523C5-210	Transite Panel	Courtyard Area, under windows	See 209	35% Chr.
523C5-211	Drywall material	Large Room East	NA	ND/ ND
523C5-212	Drywall compound	Large room east	NA	ND
523C5-213	Roof Covering material	West Loading Dock	NA	ND
523C5-214	Roof insulation material	West Loading Dock	NA	ND
523C5-215	Roof flashing material	West Loading Dock	70 LF	35% Chr.
523C5-216	Roof Flashing insulation	West Loading Dock	NA	ND

Note: NA – Not applicable ND – None detected Chr – Chrysotile (0.5%)=Point Count Result

Laboratory analysis confirmed the presence of asbestos in 3' x 3' floor tiles, pipe fitting insulation, pipe run insulation, skim coat, linoleum flooring material, transite window panels, 1' x 1' ceiling tile, spray applied fireproofing, transite soffit panels, drywall compound, pipe elbows, HVAC vibration damper, 2' x 2' ceiling tile, fire door insulation, transite soffit overhang, window caulking, and 12" x 12" floor tile. The results are summarized below in Table 4.1- 4.3

Identified Asbestos-Containing Materials

Table 4.1: Therapy Building

Material Description	Estimated Quantity	Comments
Thermal System (Pipe Fitting) Insulation	(TBD)	
Cementitious (Transite) Window Panels	502 Windows	Throughout; estimated quantity includes glass-only windows due to ACM caulking.
Window Caulking		Included in above estimate of 502 Windows.
1' x 1' Ceiling Tiles (Spline)	10,550 Sq. Ft.	
Spray-applied Fireproofing	TBD	Observed on structural steel (I-beams) in cafeteria and kitchen. Ceiling demolition may be required to delineate.
Cementitious (Transite) Soffit Panels	3,200 Linear Ft.	
HVAC Vibration Dampers	10 Each	
Fire Door Insulation	TBD	Numerous nonasbestos-containing fire doors present.
Linoleum Floor Covering	200 Sq. Ft.	
12" x 12" Floor Tile/Mastic	4,600 Sq. Ft.	
Sink Undercoating	10 each	
Roof Flashing Material	70 Linear Feet	Available drawings indicate areas of built-up roofing (potential associated flashing) that were not observed during the survey.

Table 4.2: Power Plant

Material Description	Estimated Quantity	Comments
Thermal System (Pipe and Fitting) Insulation	1,100 Linear Feet	
Thermal System (Tank) Insulation	16,000 Sq. Ft.	

Table 4.3 Cottage Nos. 3, 4, and 5

Material Description	Estimated Quantity	Comments
Cottage No. 3		
Cementitious (Transite) Window Panels	58 Windows	Throughout; estimated quantity includes glass-only windows due to ACM caulking.
Window Caulking	(See above.)	Included in above estimate of 58 Windows.
1' x 1' Ceiling Tiles (Spline)	8,050 Sq. Ft.	In Student Rooms, etc.
Spray-applied Fireproofing	1,700 Sq. Ft.	Observed on corrugated metal floor deck.
Cementitious (Transite) Soffit Panels	1,400 Linear Ft.	Around perimeter and interior open court areas.

Material Description	Estimated Quantity	Comments
Fire Door Insulation	8 each	Throughout
12" x 12" Floor Tile/Mastic	2,000 Sq. Ft.	In hallways, elevator lobby and stair landings.
3' x 3' Floor Tile/Mastic	(See above.)	Included in above quantity. Both types used throughout.
HVAC Exhaust Duct Caulking	12 Linear Feet	In grates on ramp-side ground level entry.
Cottage No. 4		
Cementitious (Transite) Window Panels	60 Windows	Throughout; estimated quantity includes glass-only windows due to ACM caulking.
Window Caulking	(See above.)	Included in above estimate of 60 Windows.
1' x 1' Ceiling Tiles (Spline)	8,050 Sq. Ft.	In Student Rooms, etc.
Spray-applied Fireproofing	1,700 Sq. Ft.	Observed on corrugated metal floor deck.
Cementitious (Transite) Soffit Panels	1,400 Linear Ft.	Around perimeter and interior open court areas.
Fire Door Insulation	TBD	Throughout
12" x 12" Floor Tile/Mastic	2,000 Sq. Ft.	In hallways, elevator lobby, suite kitchens and stair landings.
3' x 3' Floor Tile/Mastic	(See above.)	Included in above quantity. Both types used throughout.
HVAC Exhaust Duct Caulking	12 Linear Feet	In grates on ramp-side ground level entry.
Cottage No. 5		
Cementitious (Transite) Window Panels	48 Windows	Throughout; estimated quantity includes glass-only windows due to ACM caulking.
Window Caulking	(See above.)	Included in above estimate of 48 Windows.
1' x 1' Ceiling Tiles (Spline)	12,900 Sq. Ft.	In Student Rooms, etc.
Cementitious (Transite) Soffit Panels	1,200 Linear Ft.	Around perimeter and interior open court areas.
12" x 12" Floor Tile/Mastic	6,900 Sq. Ft.	In hallways, closets.
3' x 3' Floor Tile/Mastic	(See above.)	Included in above quantity. Both types used throughout.

RECOMMENDATIONS

C.E.R.M. recommends that a licensed State of Georgia abatement contractor be retained to remove all ACM in accordance with applicable federal and state regulations prior to demolition of the structures. It is worth noting that limited (targeted) interior demolition should be performed by the asbestos contractor to expose, or investigate the potential presence of, hidden ACMs (i.e. thermal system pipe insulation, spray-applied fireproofing for removal).

Due to the excessive vandalism, it is recommended that the site is immediately secured and that asbestos warning signs be posted throughout the facility until an asbestos abatement contractor is engaged. Vandals have scattered excessive amounts of friable asbestos debris throughout the facility and have caused the facilities to be considered contaminated.

ABATEMENT BUDGET

C.E.R.M. estimates that \$1,000,000 to \$1,500,000 should be budgeted to cover the cost associated with the remediation of the ACM hazards, which includes estimates for labor, equipment, and waste disposal. The estimated schedule to complete all five buildings is approximately four months.

LIMITATIONS

The findings of C.E.R.M.'s ACM survey is based on observations of existing conditions at the Site at the time the investigation. This assessment was conducted on behalf of, and for the exclusive and sole use of Dekalb County Park Bond and Greenspace Program and its Clients for the subject Site.

Topics not explicitly discussed within this document should not be assumed to have been investigated. The data reported and findings, observations, conclusions, and recommendations expressed in the report are limited by the Scope of Services.

The Scope of Services was defined by the Client, to include the time and budget, and the availability of access to the subject property.

This report is intended for the sole use of Dekalb County Park Bond and Greenspace Program. The intent of the report is to aid the building owner, architect, construction manager, general contractors, and potential demolition and abatement contractors in locating asbestos-containing materials.

Actual site conditions and quantities should be field verified, **this report is not intended to serve as a bidding document or as a project specification document.** The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of the users, and use or reuse of this document or the findings, conclusions, or recommendations is at the risk of said user. Although every attempt has been made to identify suspect asbestos-containing materials in the areas identified, the destructive inspection technique used is inherently limited in the sense that only full demolition procedures will reveal all building materials of a structure.

Additionally, the passage of time may result in changes in the environmental condition of a site. This report does not warrant against future operations or conditions that could affect the recommendations made. The results, findings conclusions and recommendations expressed in this report are based only on conditions that were observed during C.E.R.M.'s inspection of the site.

Because of the limitations stated above, the findings, observations, conclusions, and recommendations expressed by C.E.R.M. in this report are limited to the information obtained and the investigation undertaken should not be considered an opinion concerning the compliance of any past or current owner or operator of the subject property with any federal, state, or local law or regulation. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported or findings, observations, conclusions, and recommendations expressed in this report. Further, such data, findings, observations, conclusions, and recommendations are based solely upon site conditions in existence at the time of the investigation.

Mr. Butler
June 2006
C.E.R.M. Project No. 11-0862-034

C.E.R.M. appreciates the opportunity to have provided this service to **DeKalb County**. Should you have any questions or concerns regarding this project, please contact our offices at (678) 999-0173.

Sincerely,

Corporate Environmental Risk Management



Lorenzo Gates
Project Scientist II

Attachments

Exhibit A- Chain of Custody

Exhibit B- Laboratory Analysis Results

cy: Marcus L. Reese, C.E.R.M.
Project File

Exhibit A
Asbestos Containing Materials Survey Report
Chain of Custody

Exhibit B
Asbestos Containing Materials Survey Report
Laboratory Analysis Results

Appendix C
Photographic Log

**Appendix C-1
Photographic Log**

Facility Assessment Photos

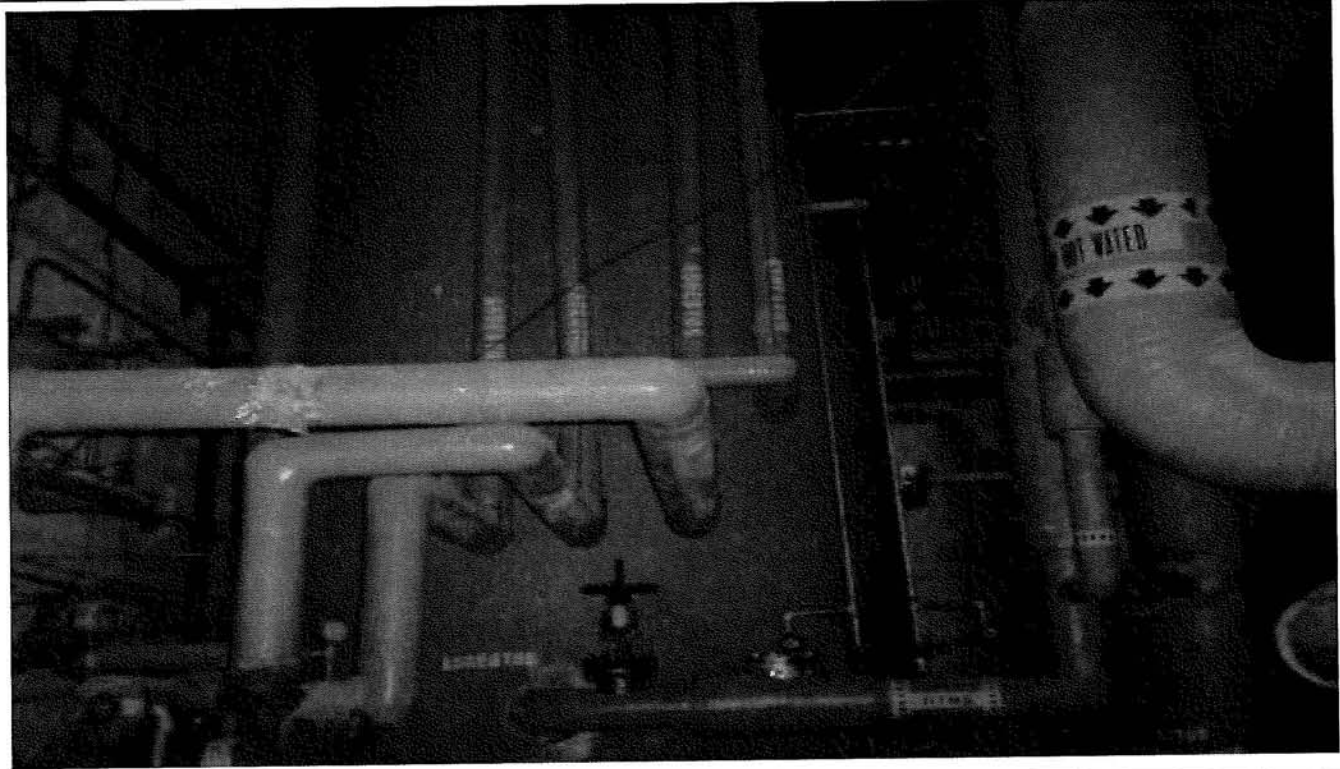


Photo 1: View of water tank located inside of the power plant building.

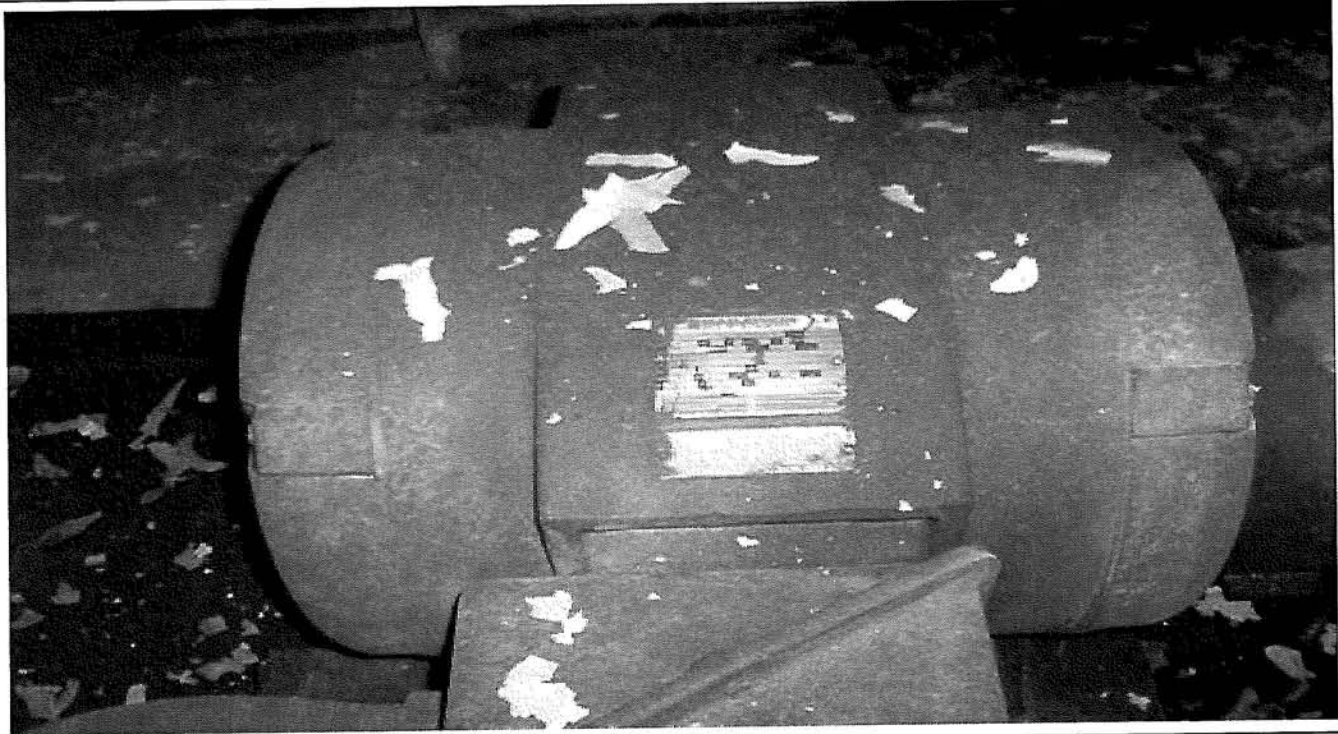


Photo 2: View of typical electrical equipment (ie motors) stored in the power plant.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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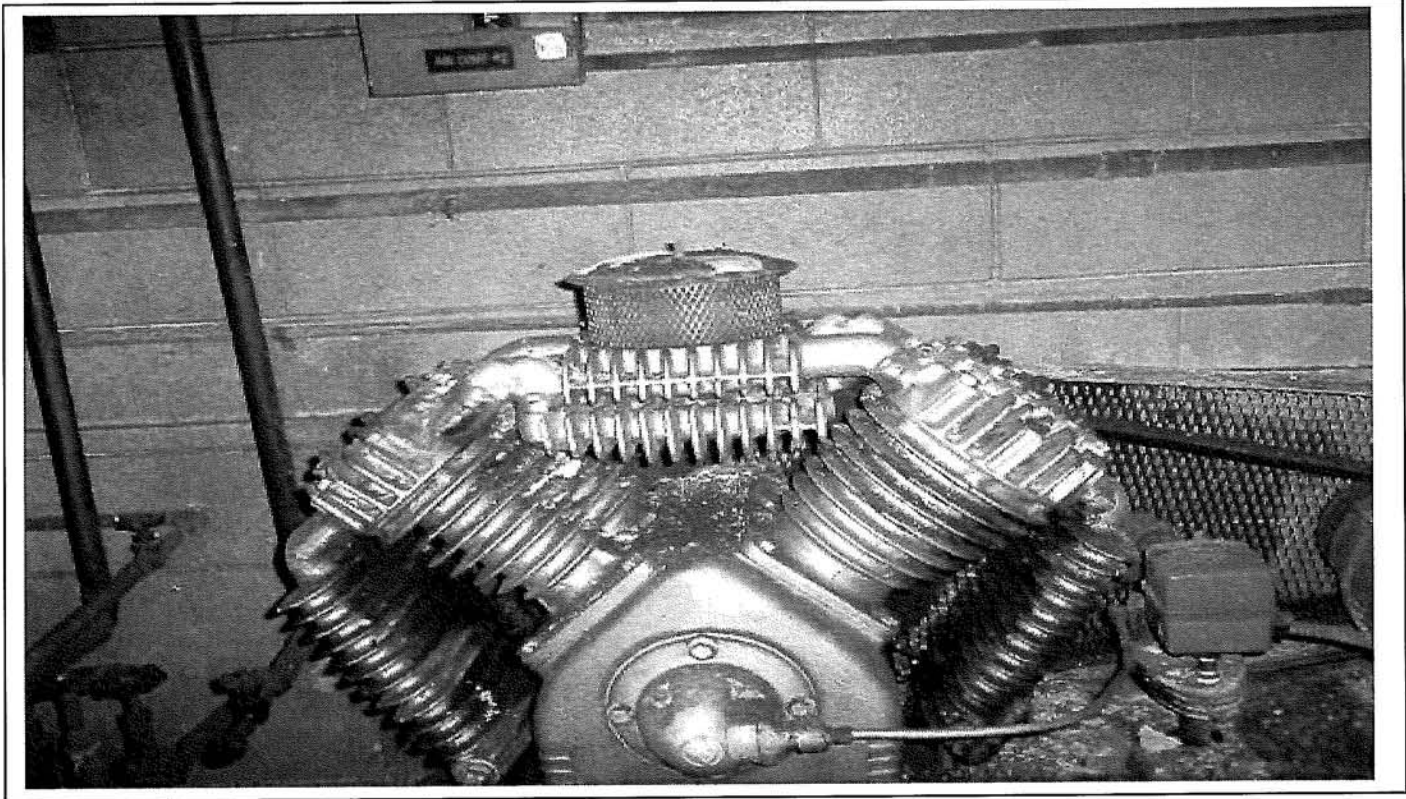


Photo 3: View of miscellaneous motor(s) located in the power plant building.



Photo 4: View of miscellaneous valves stored in the power plant building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 5: View of a chilled water storage tank in the power plant building.

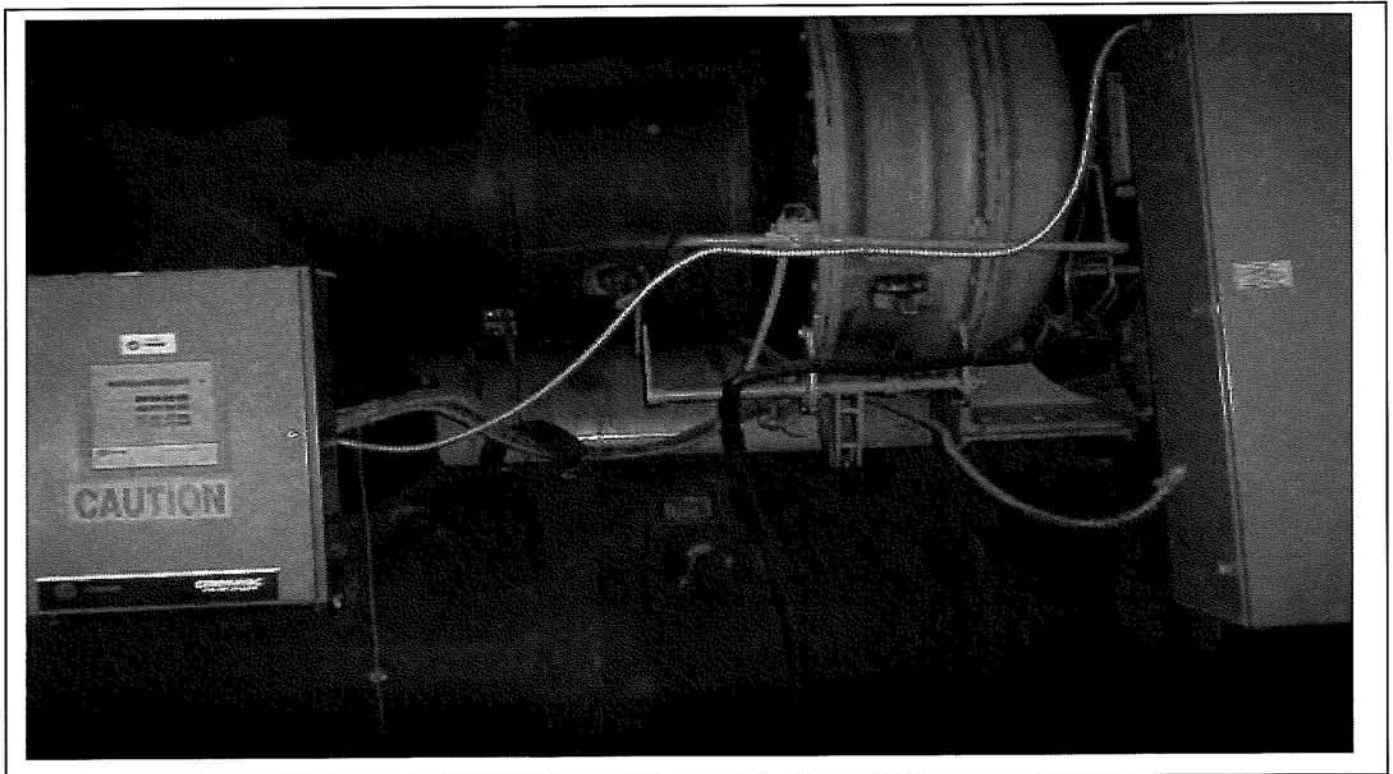


Photo 6: View of Chiller "A" in the power plant building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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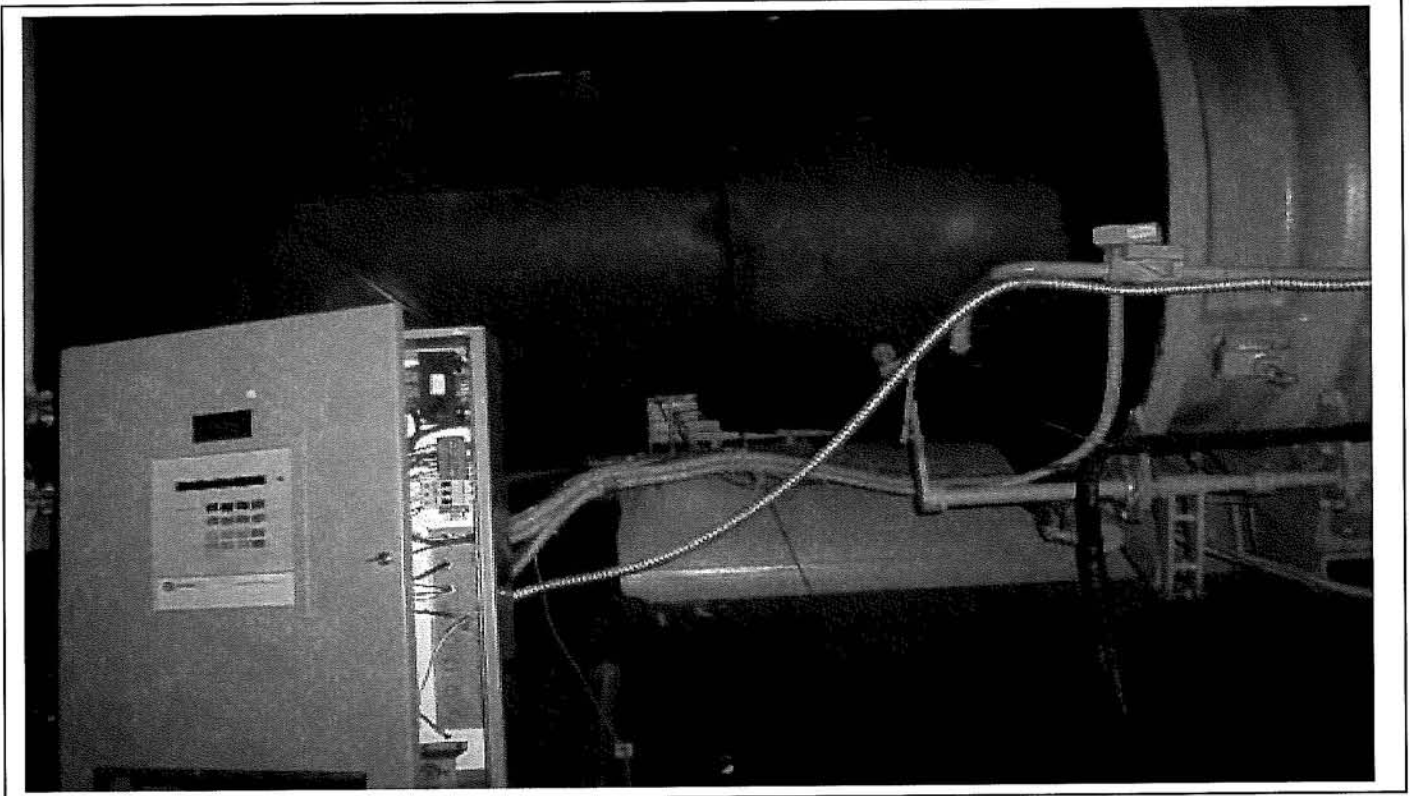


Photo 7: View of Chiller "B" in the power plant building.

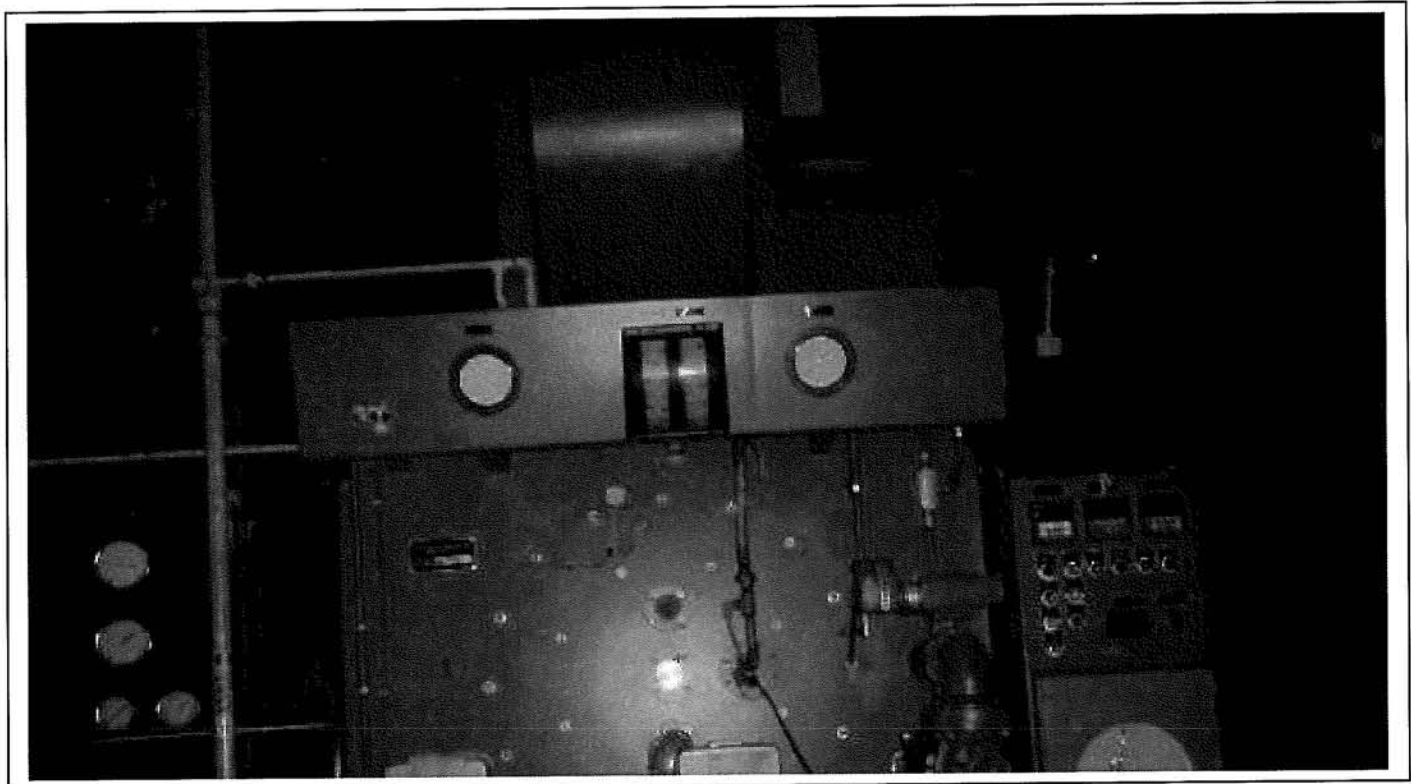


Photo 8: View of electrical panel in the power plant building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 9: View of typical concrete masonry unit (CMU) system in lower level of cottage No. 3.

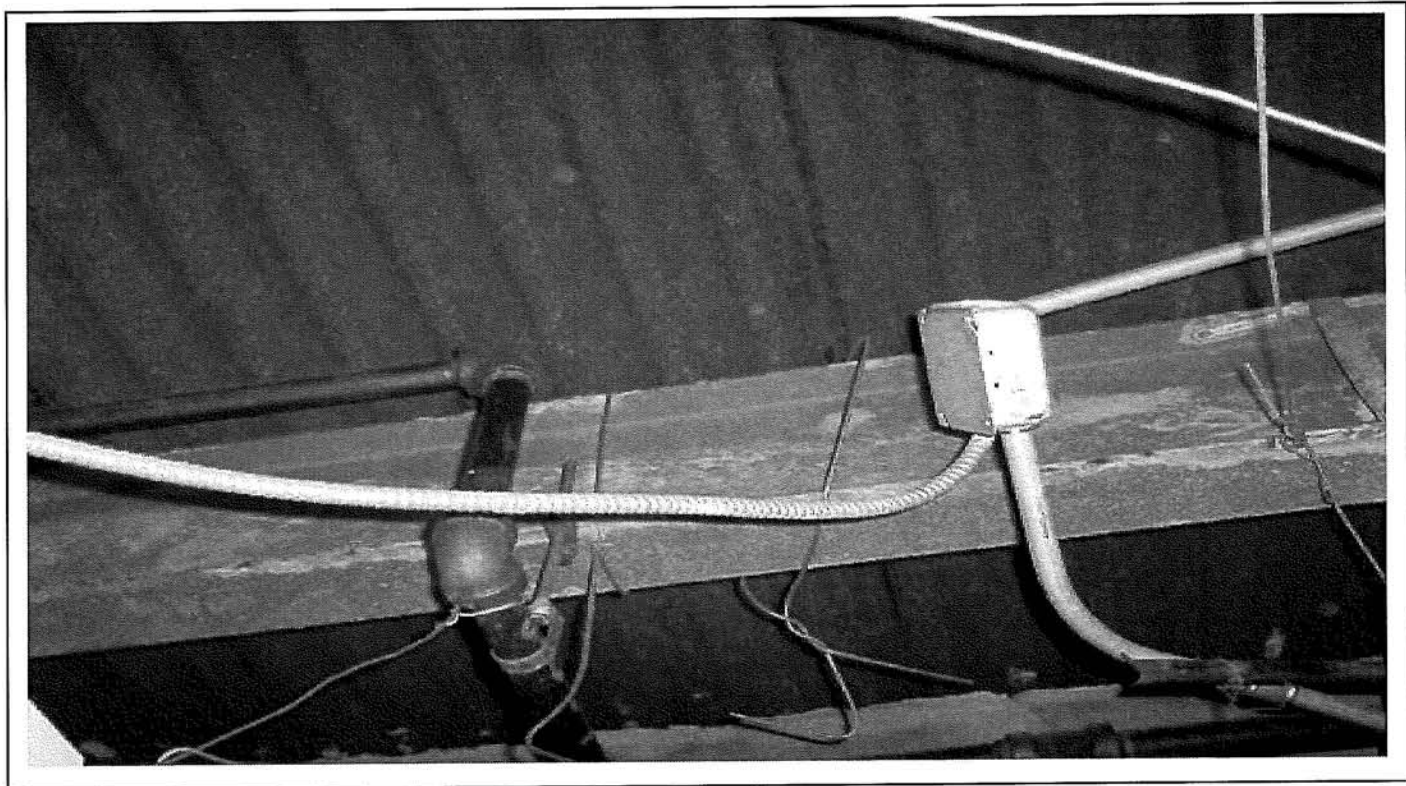


Photo 10: View of section above ceiling in cottage No. 3 depicting structural steel framing, metal duct and steel pipes.

<p align="center">SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p align="center">CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p align="center">2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p align="center"><i>PHOTO LOG</i></p>
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Photo 11: View of side elevation of cottage No. 3 depicting the brick/wood exterior façade.



Photo 12: View of the side elevation if cottage No. 3 depicting the metal window framing and aggregate panels.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 13: View of an electrical switch building adjacent cottage No 3.



Photo 14: Miscellaneous metal storage building located behind cottage No 3.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 15: Typical metal, wall-mounted water fountain located in cottages.



Photo 16: Typical fixtures located in cottages 3, 4, & 5.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 17: Typical metal standing seam roof located in cottages 3, 4 & 5.

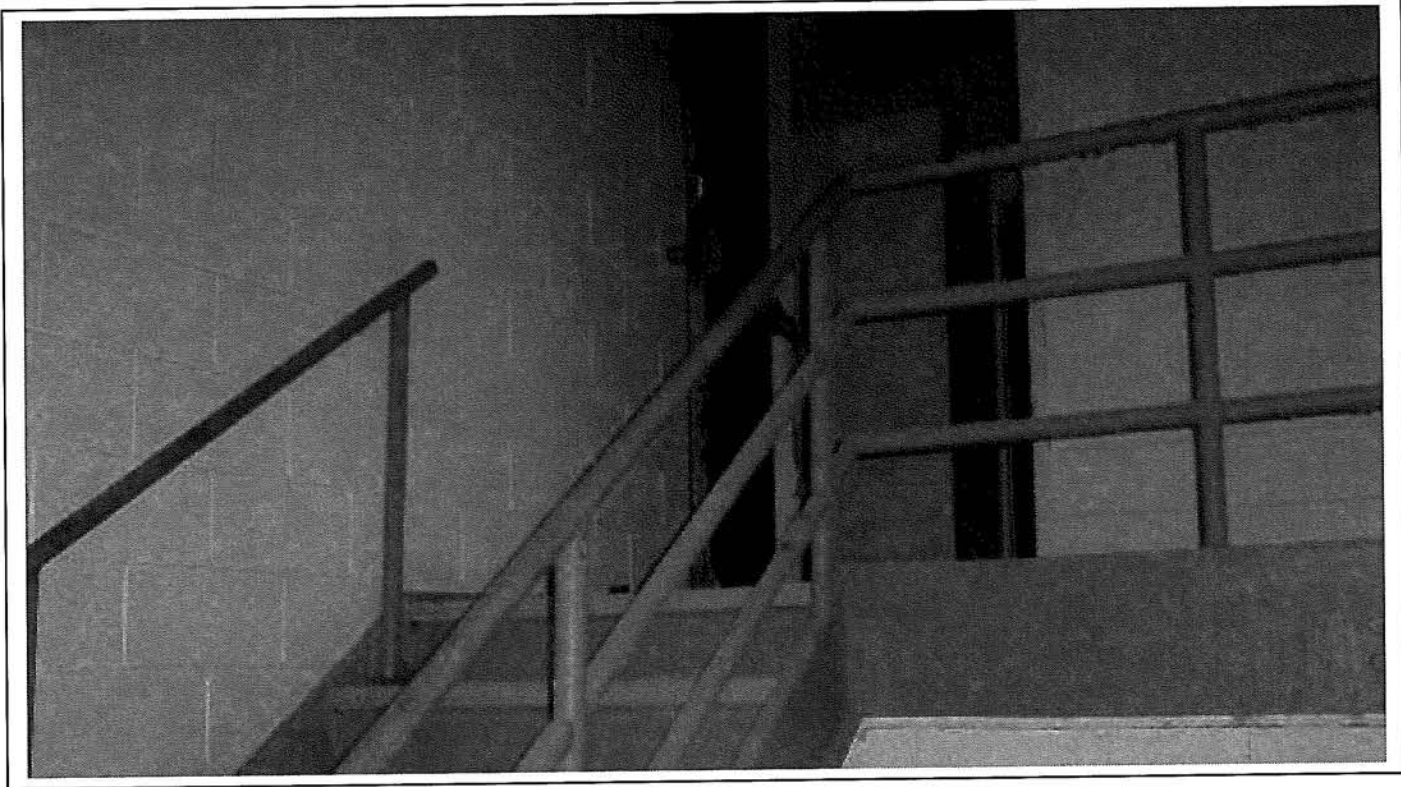


Photo 18: Typical metal stairs and railing found in cottages 3 & 4.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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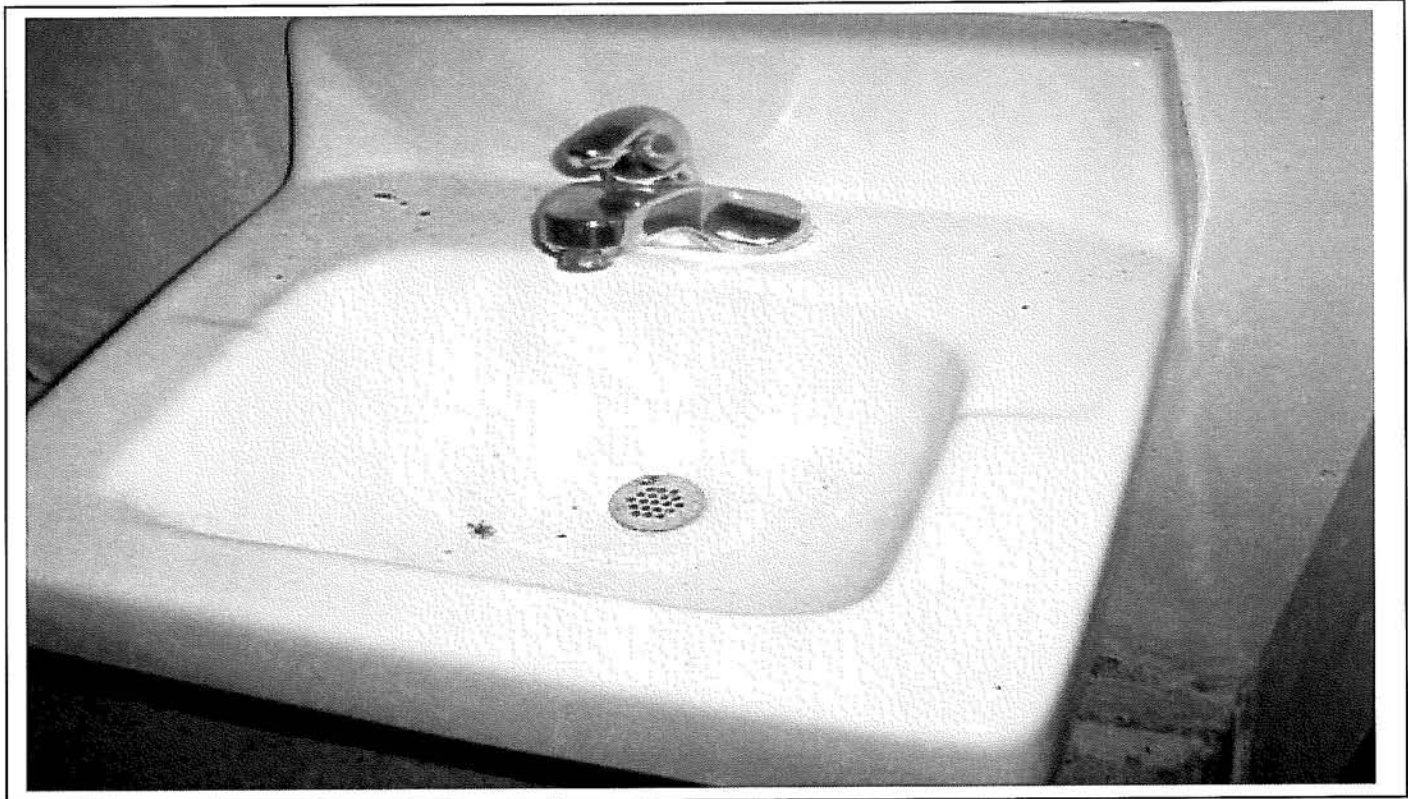


Photo 19: Typical ceramic sink found in cottages.



Photo 20: Typical view of section above ceiling in cottage No. 4 depicting structural steel and metal pipes.

SITE PHOTOGRAPHS

Photographs taken by: Dwayne Cheatom

C.E.R.M. Project # 11-0862-034

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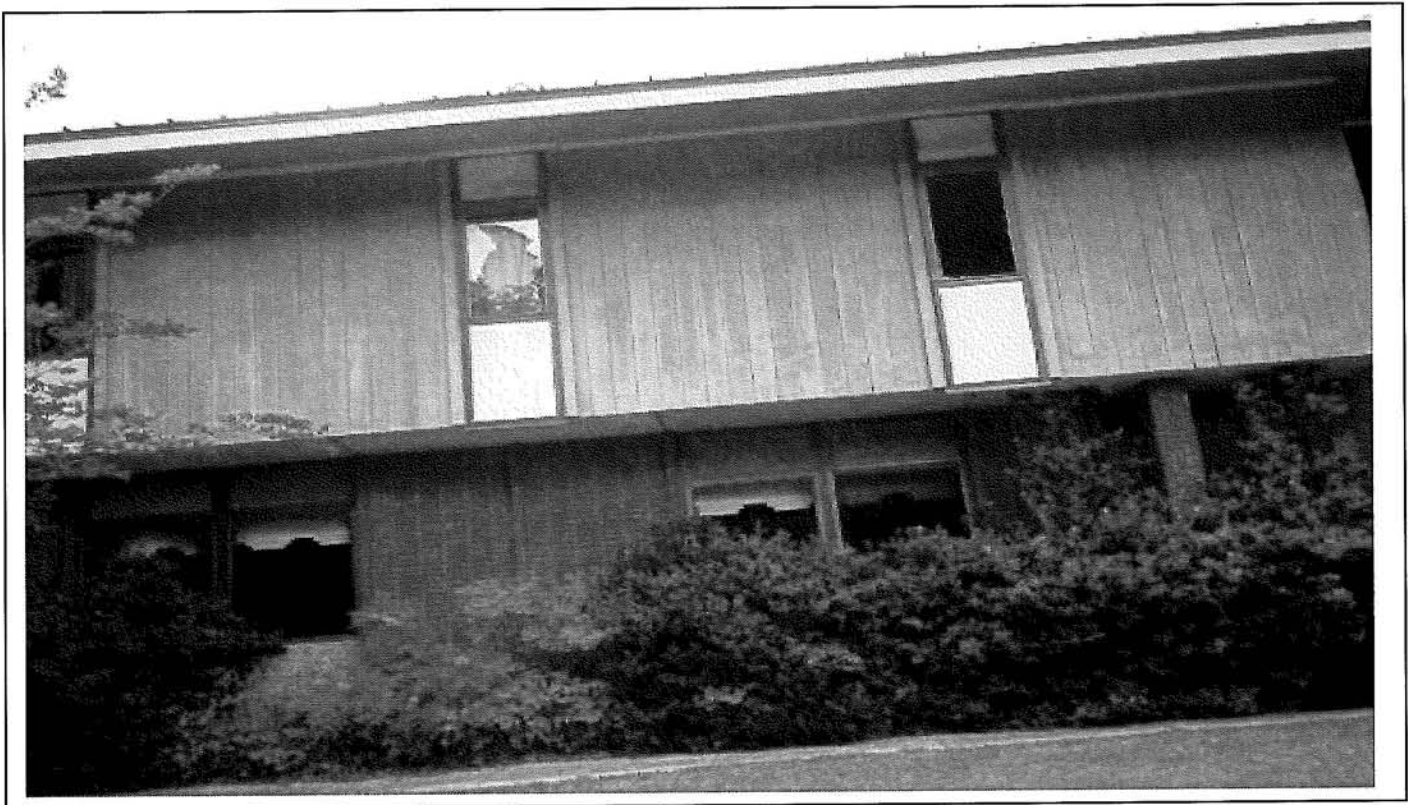


Photo 21: Typical view, elevation of cottage No. 4 depicting brick/wood façade.



Photo 22: View of electrical equipment building associated with cottage No 4.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 23: Typical view of cottage No. 5, loading dock area.



Photo 24: View of cottage No. 5 damage to roof section.

SITE PHOTOGRAPHS

Photographs taken by: Dwayne Cheatom

C.E.R.M. Project # 11-0862-034

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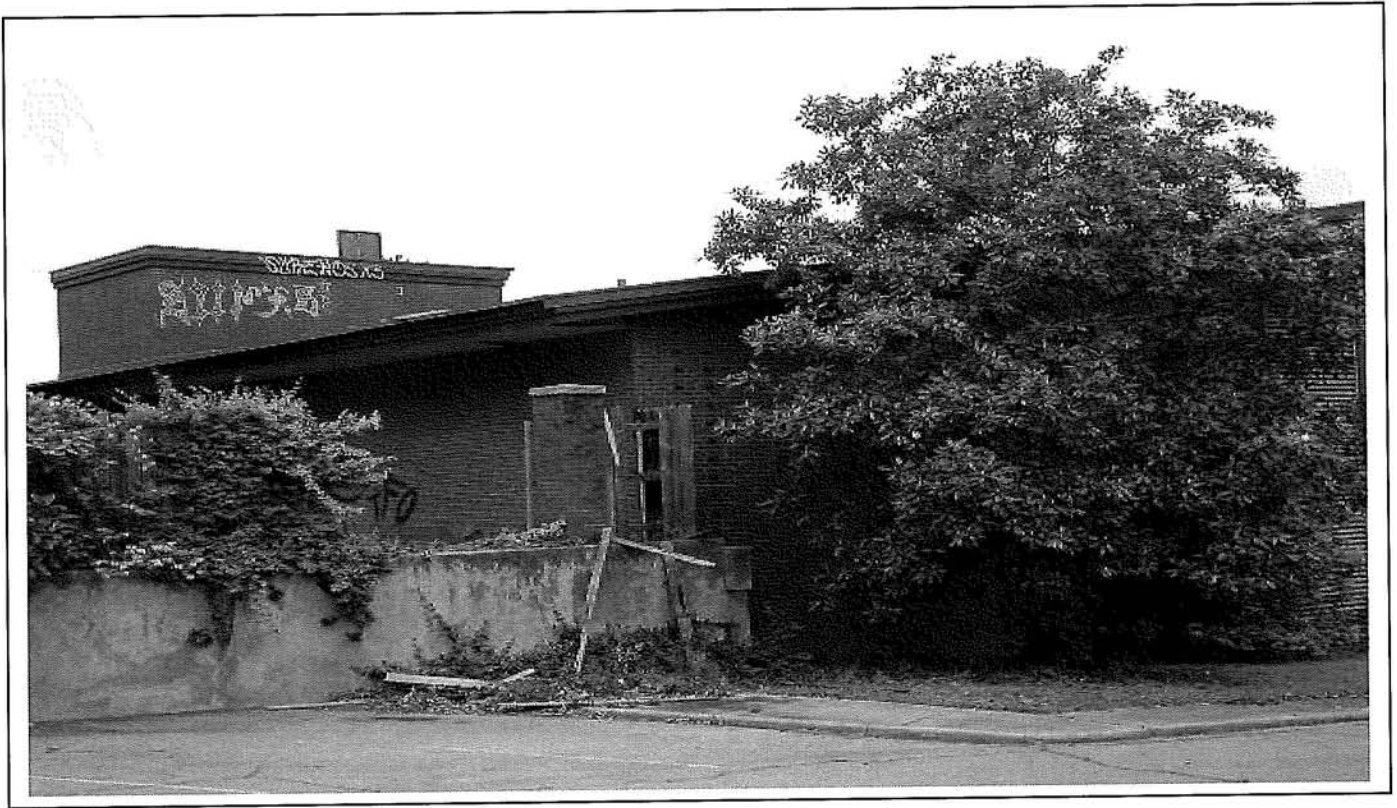


Photo 41: Typical brick exterior façade (All buildings)



Photo 42: Typical metal raised rib roof system (all buildings)

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 43: Typical service elevator interior (Therapy Building-Kitchen Area)

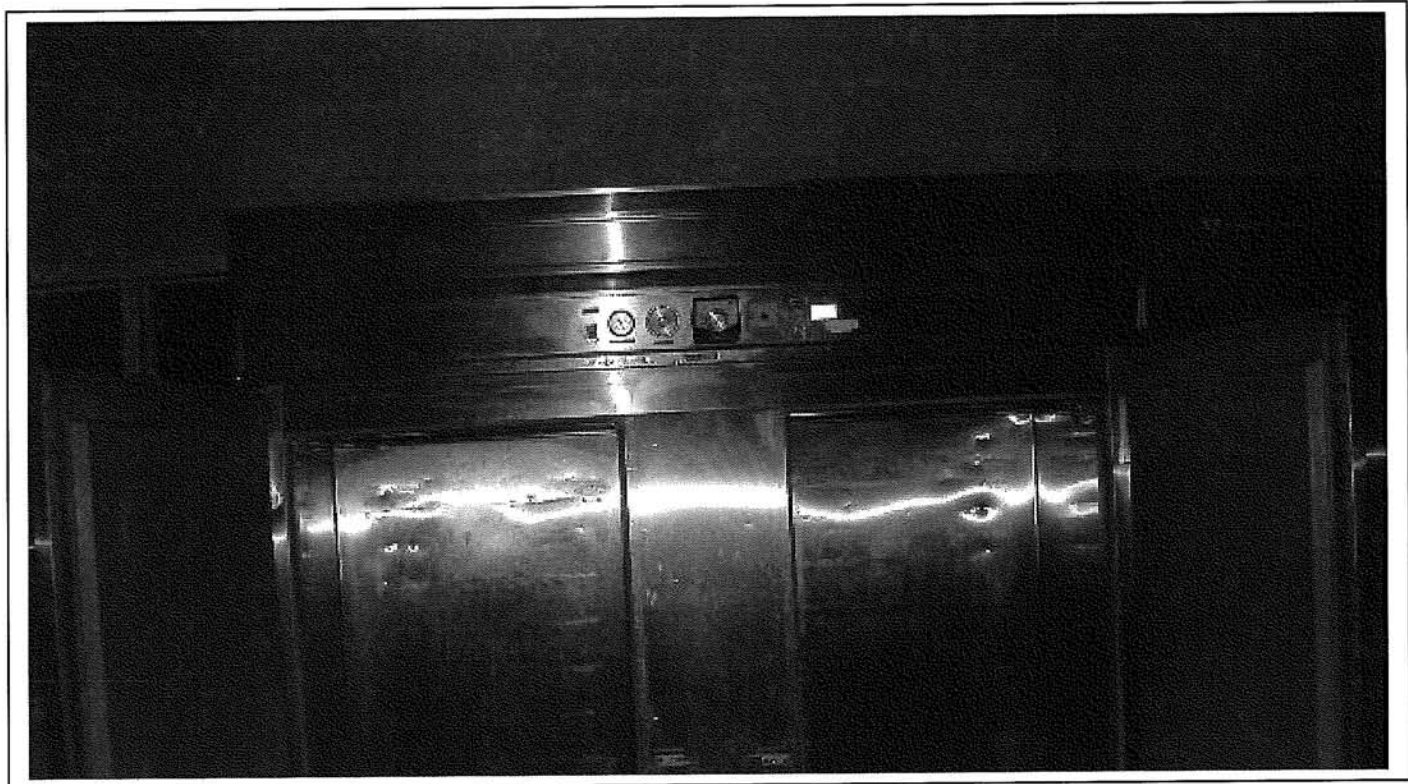


Photo 44: Typical wall-mounted metal kitchen equipment Therapy Building

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 45: Typical ceramic floor covering in kitchen area Therapy Building

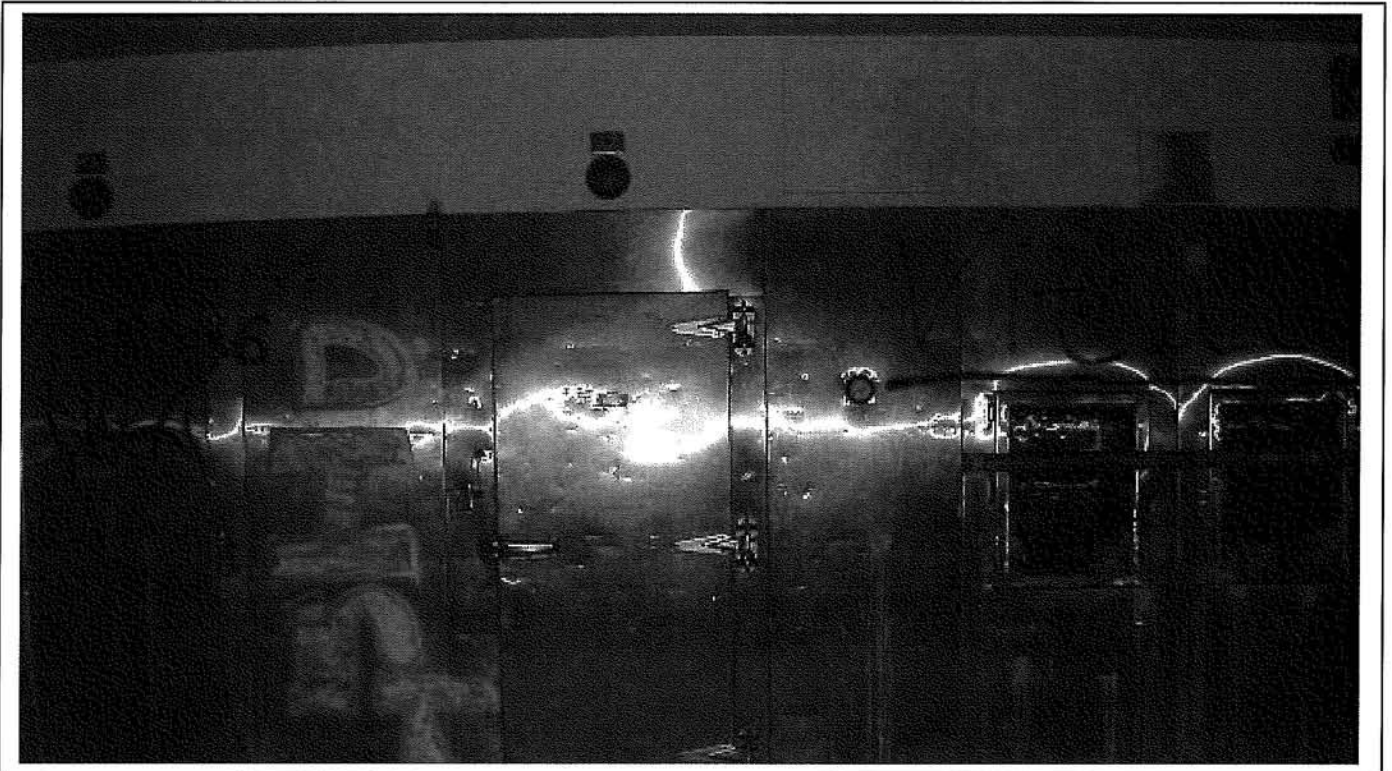


PHOTO 46: Stainless steel storage in kitchen area Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 47: Typical wall-mounted deep fryers in kitchen area Therapy Building.

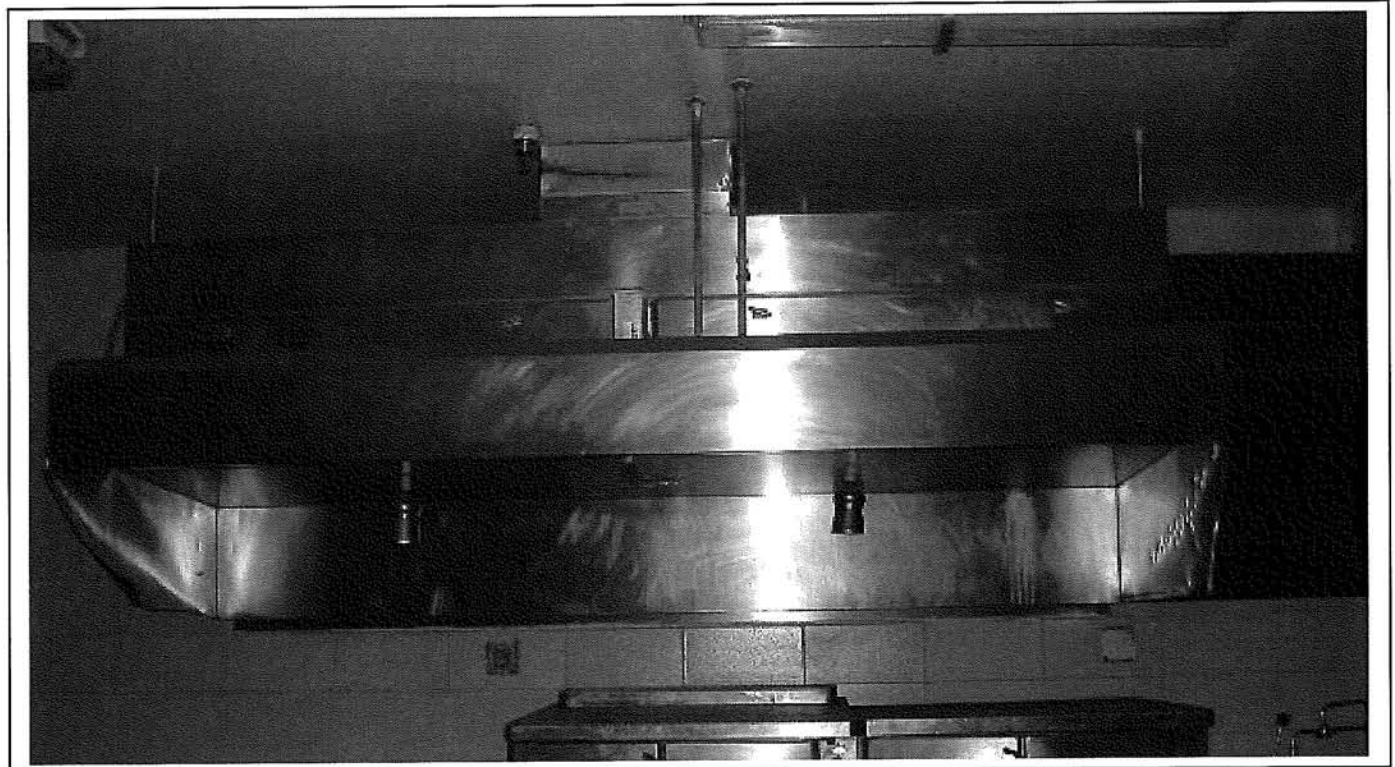


Photo 48: Wall-mounted fume hood in kitchen area Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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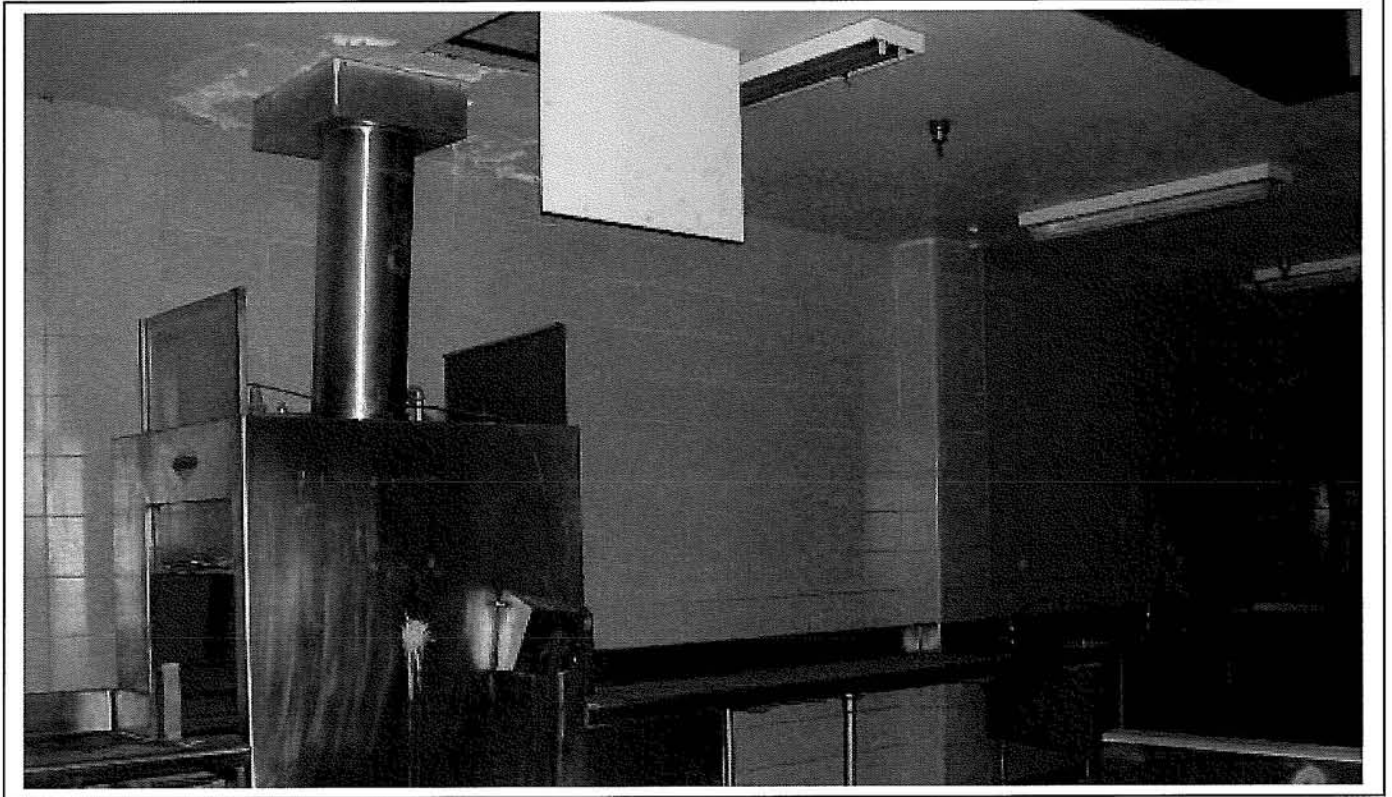


Photo 49: Metal dish conveyor in kitchen area Therapy Building.

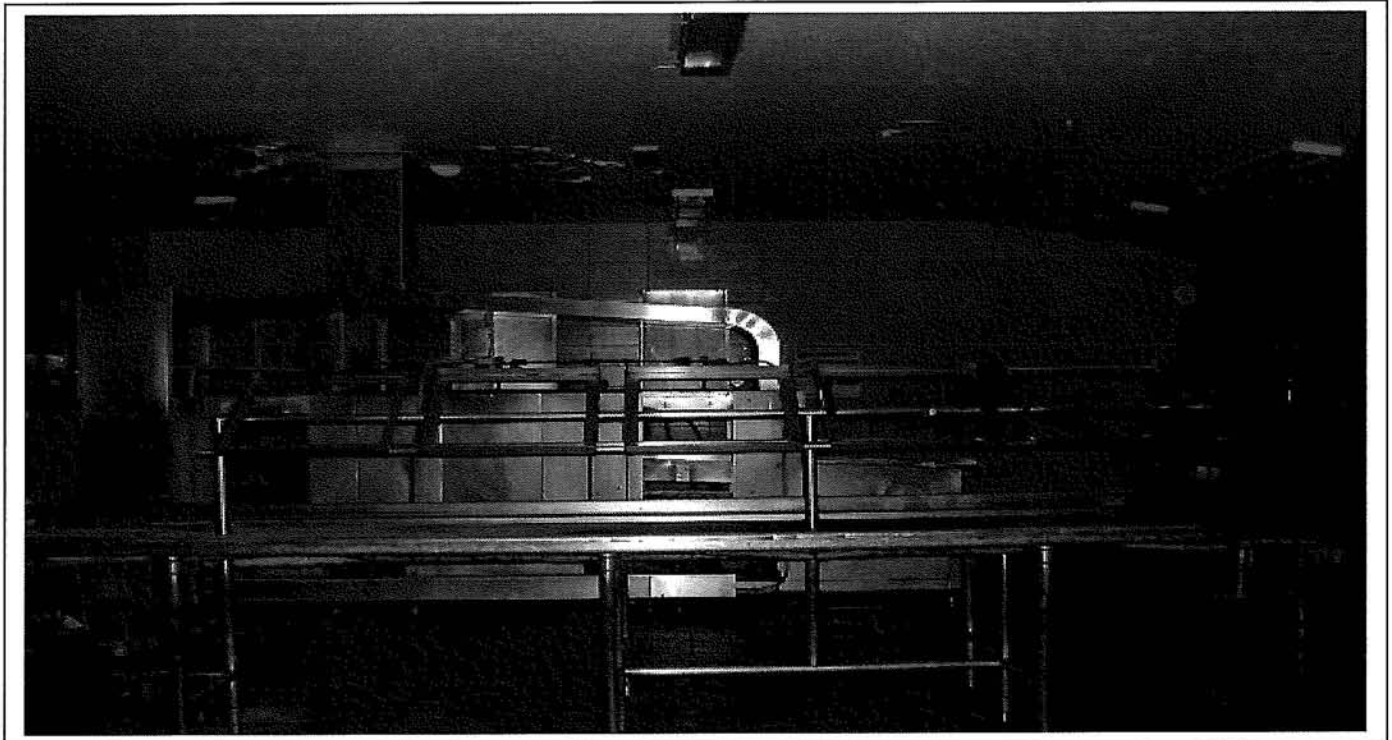


Photo 50: Metal dishwasher in kitchen area Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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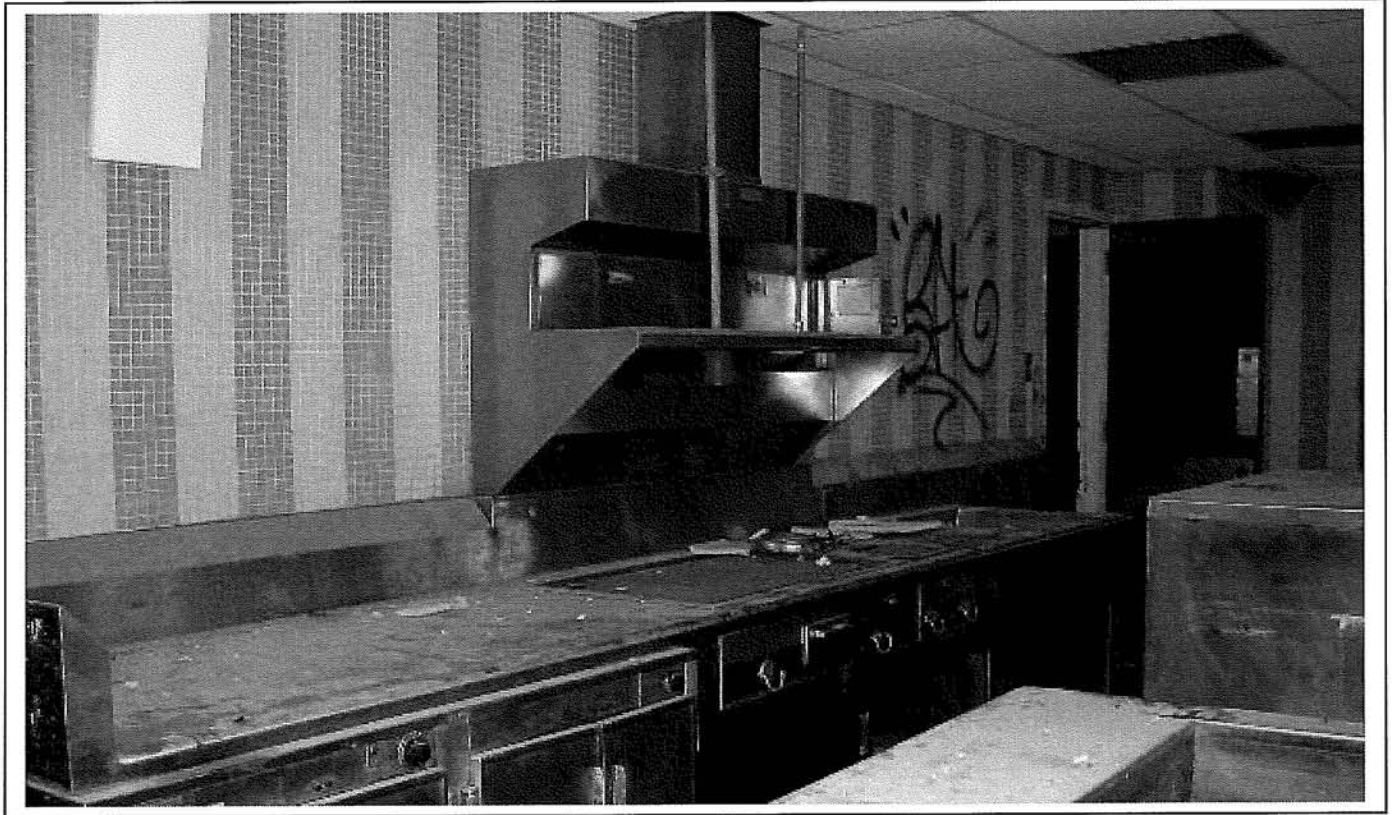


Photo 51: Metal Stove system and exhaust hood in dining area Therapy Building.

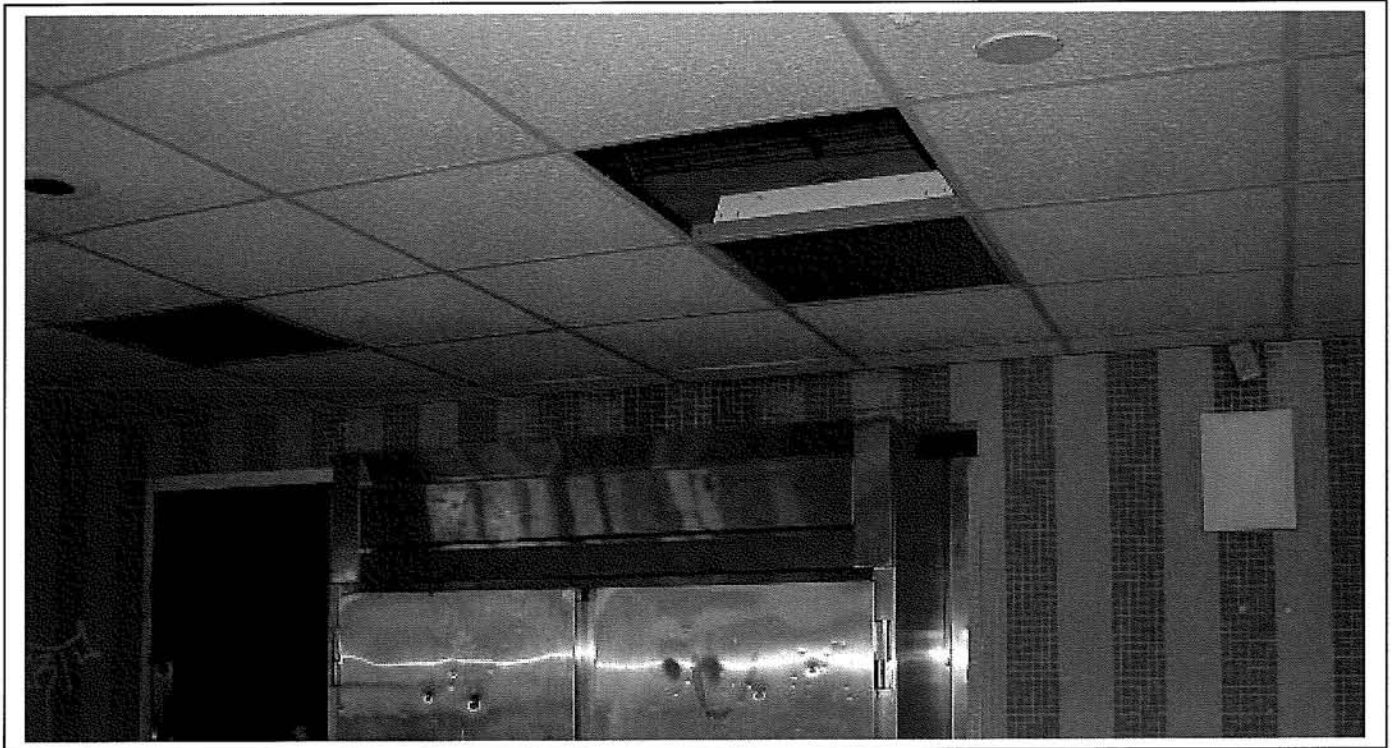


Photo 52: Metal Cooler (wall-mounted) in dining area Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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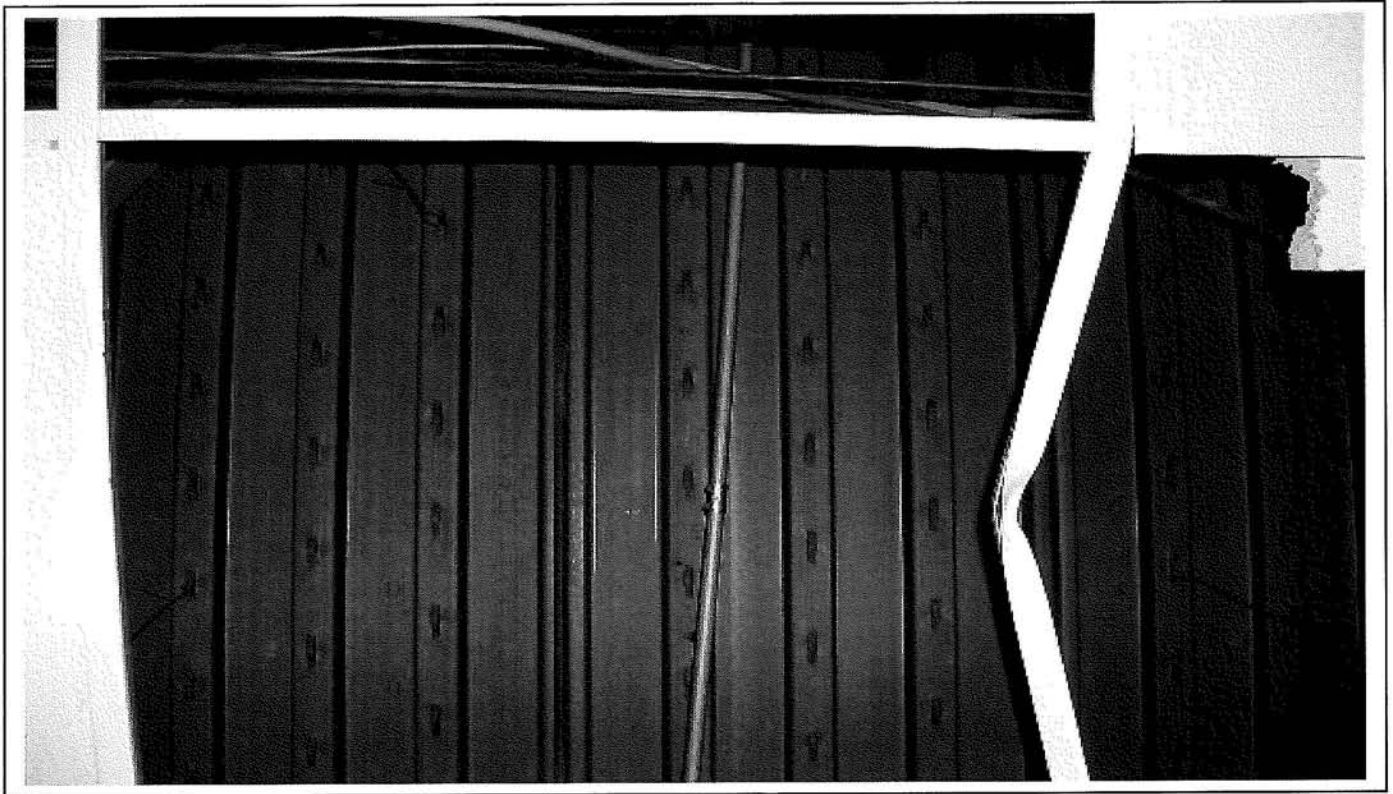


Photo 53: Typical metal roof decking (Therapy, Power Plant, Lower level of cottages)

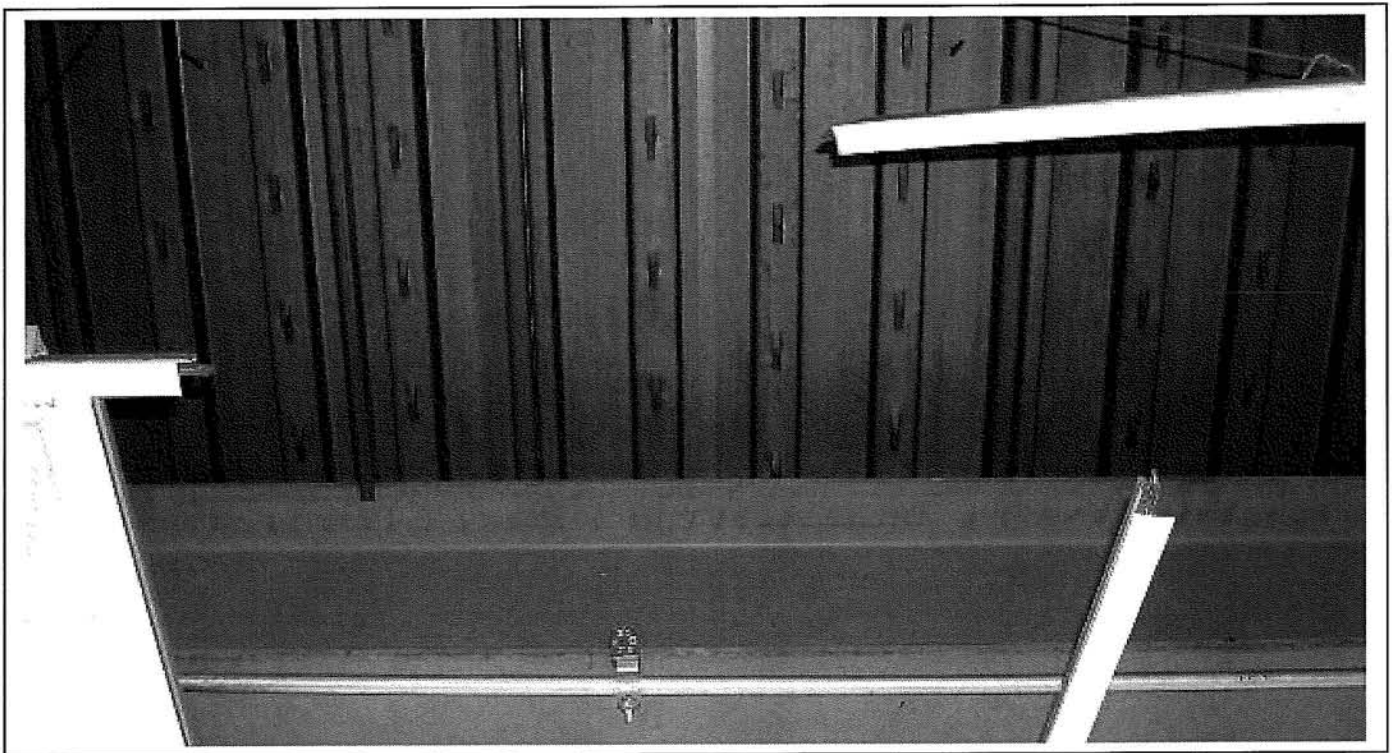


Photo 54: Typical coated structural metal beam (all buildings).

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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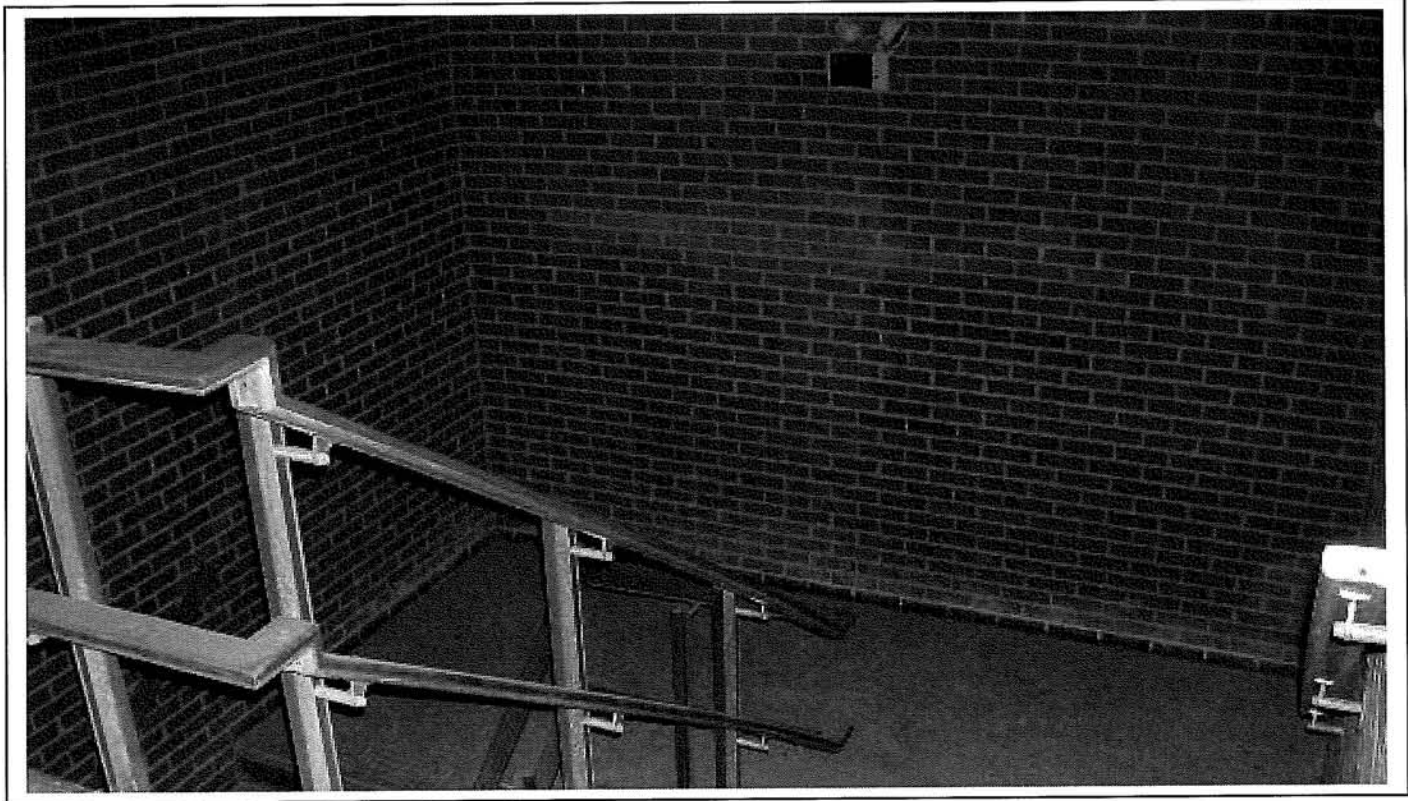


Photo 55: Metal railing and brick façade into hallway in Therapy Building.



Photo 56: Metal tables and a mixer in the bakery, Therapy Building.

SITE PHOTOGRAPHS

Photographs taken by: Dwayne Cheatom

C.E.R.M. Project # 11-0862-034

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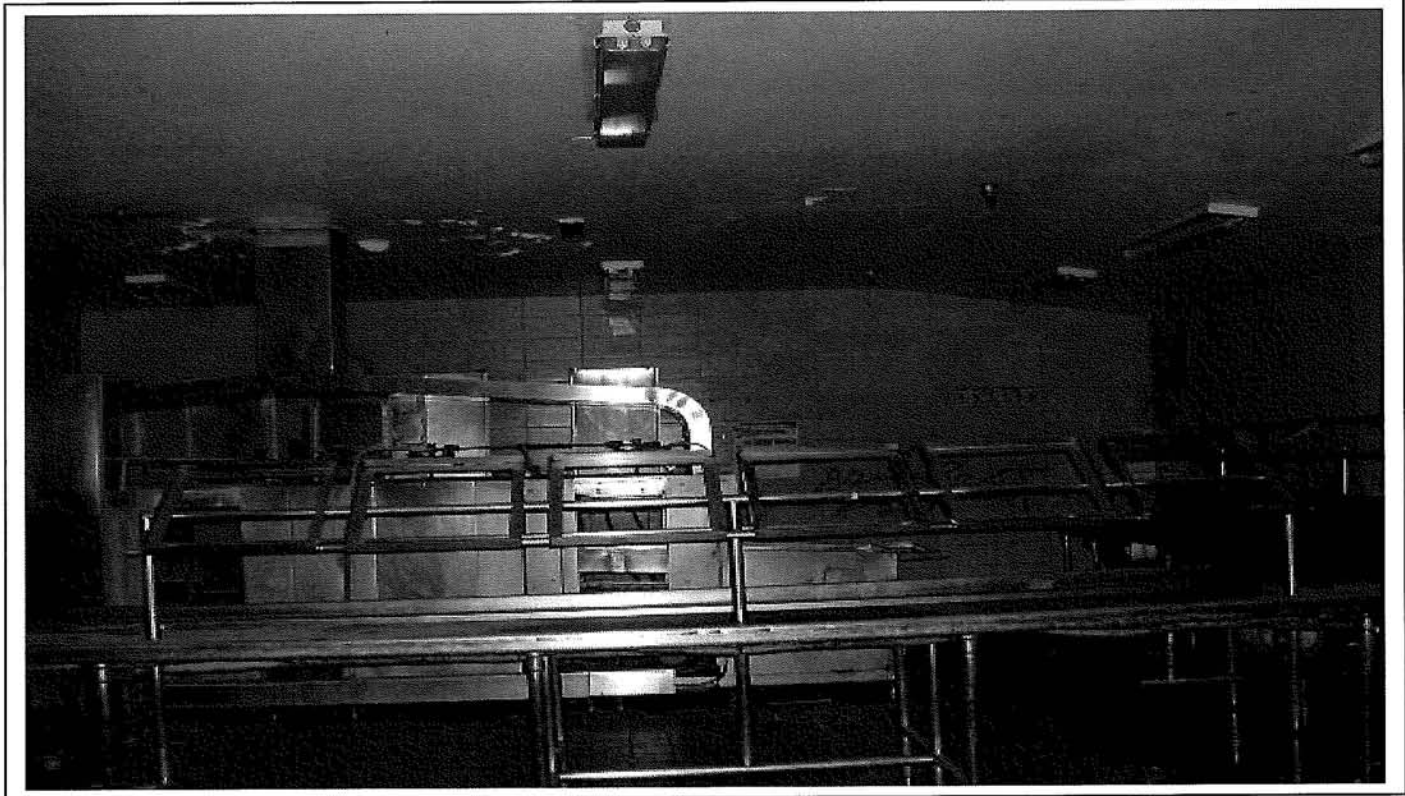


Photo 57: Stainless steel machines and countertops/tray areas in kitchen in Therapy Building.



Photo 58: Typical wall-mounted radiator with copper piping in dining area Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 59: Typical view of metal re-enforcement in wall system of nutrition office area, Section 5, Therapy Building

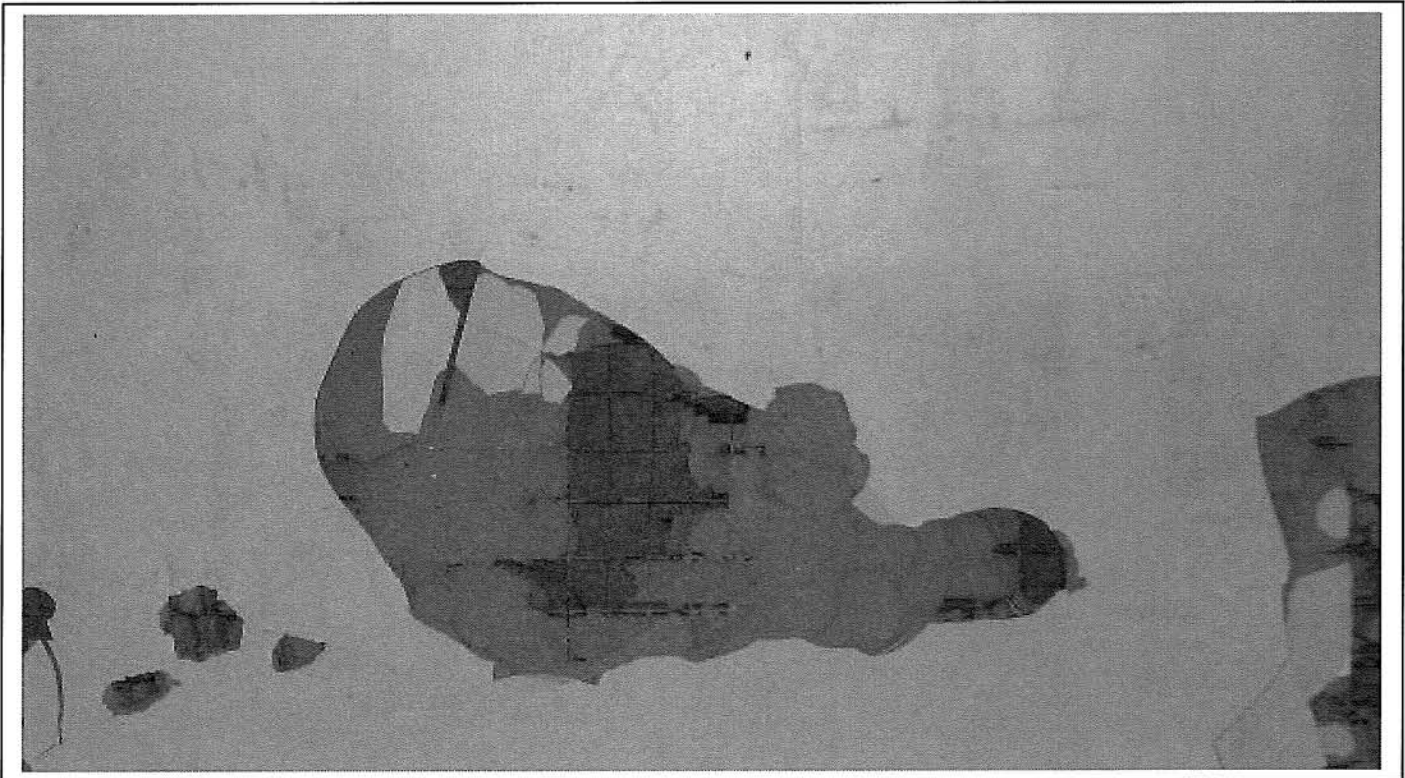


Photo 60: Typical view of the wall system in the nutrition office area, Section 5, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 61: Floor mounted compressor in mechanical room adjacent nutrition area, Section 5, Therapy Building.

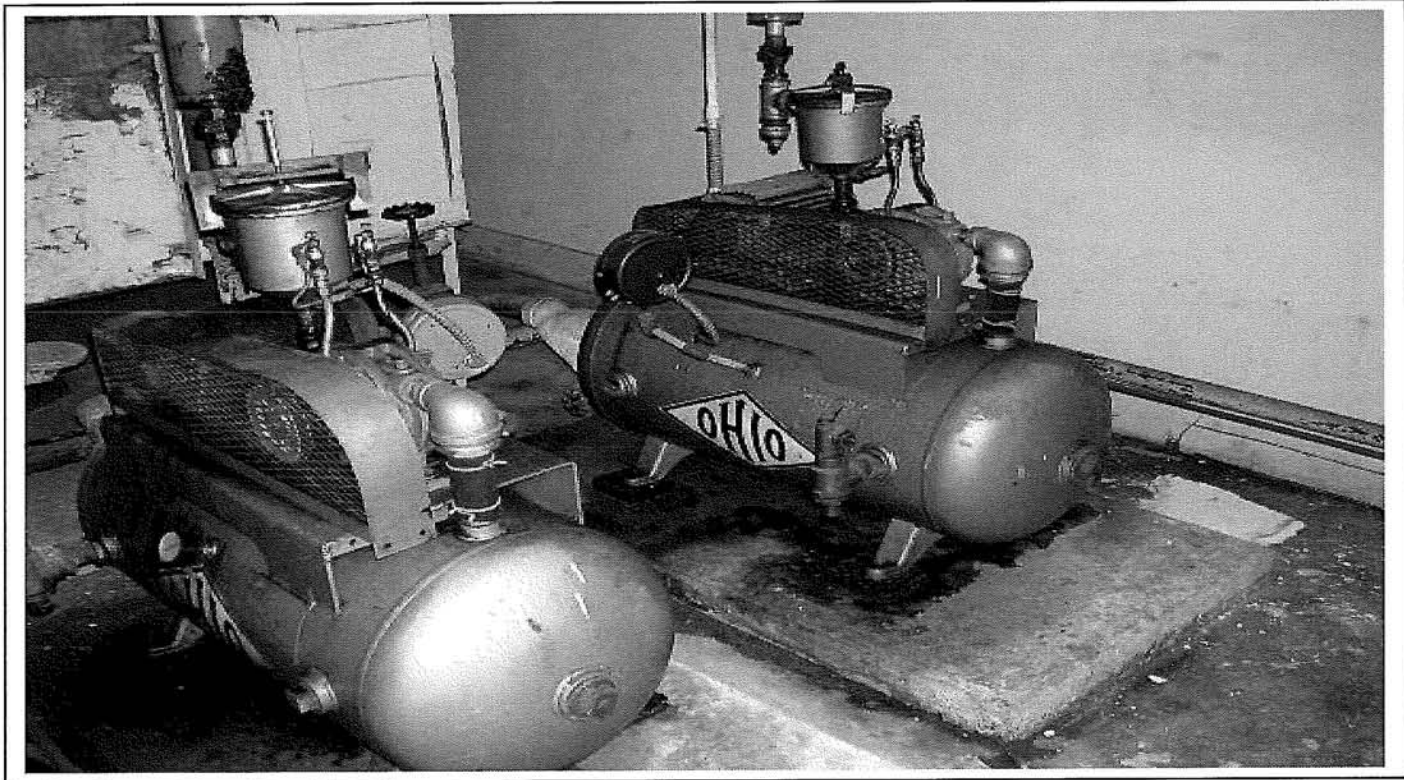


Photo 62: Floor mounted compressor mechanical room adjacent nutrition area, Section 5, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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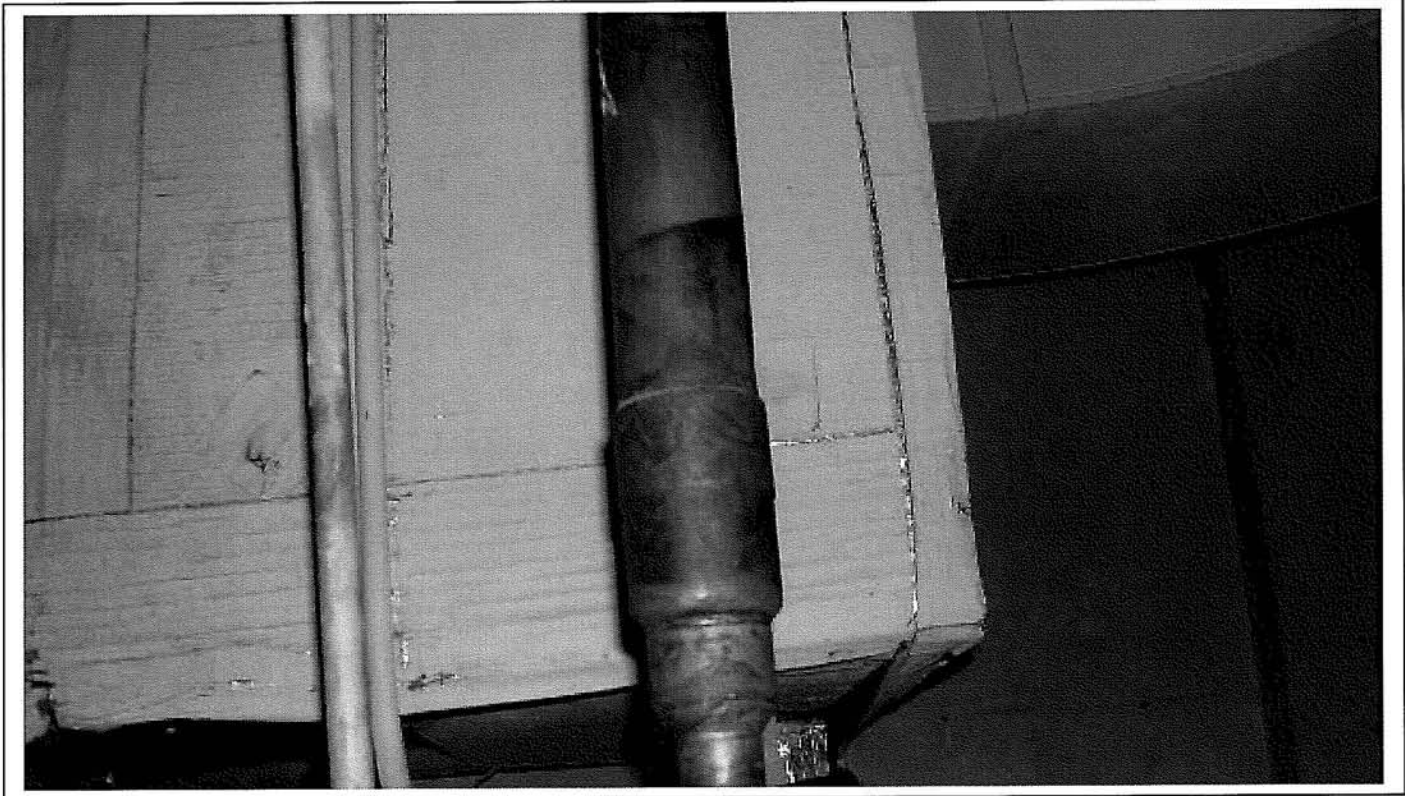


Photo 63: Typical uninsulated copper riser (1-2" diameter) in mechanical room near elevators (SE) Therapy Building.



Photo 64: Typical coated metal beams, metal pan roof in , Section 5, of Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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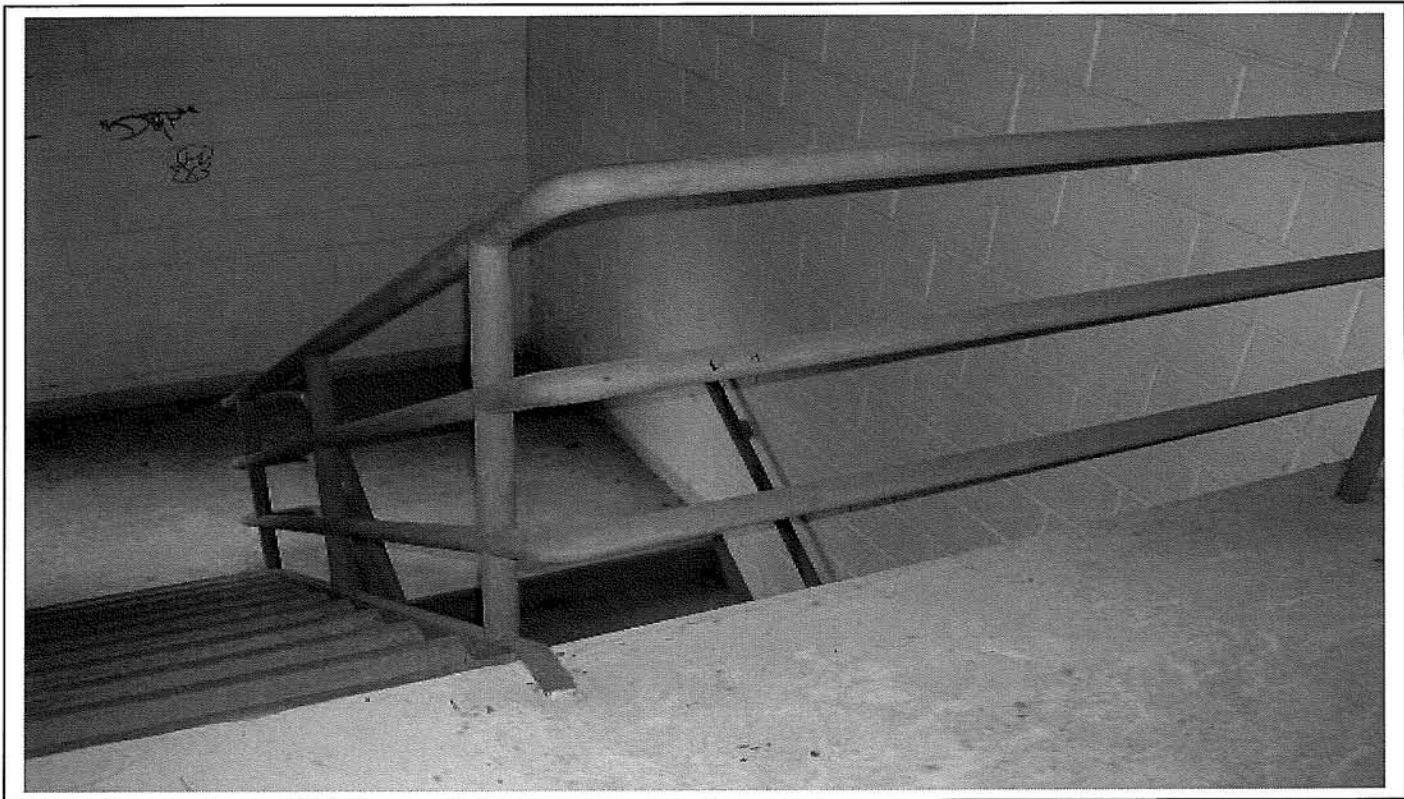


Photo 65: Typical exterior stairway depicting tubular metal rails and CMU walls in, Section 5, Therapy Building.

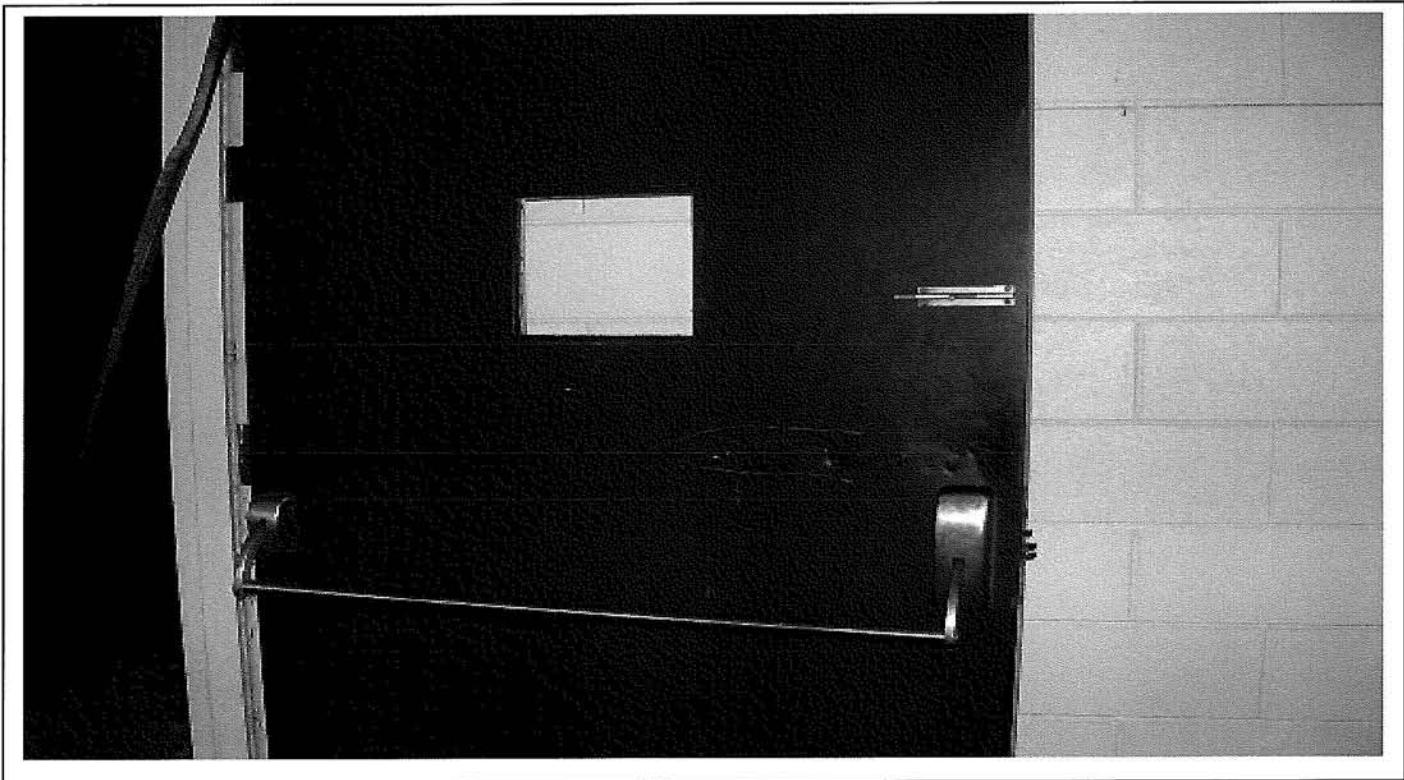


Photo 66: Typical exterior stairwell, metal fire door with a metal frame located in the NE section of the Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 67: Typical metal raised rib roof.



Photo 68: Typical stainless steel combination stove, refrigerator, and sink located in section two of the Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 69: General exterior perspective of the concrete ramp and retaining walls leading to level 2 of the Therapy Building.

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<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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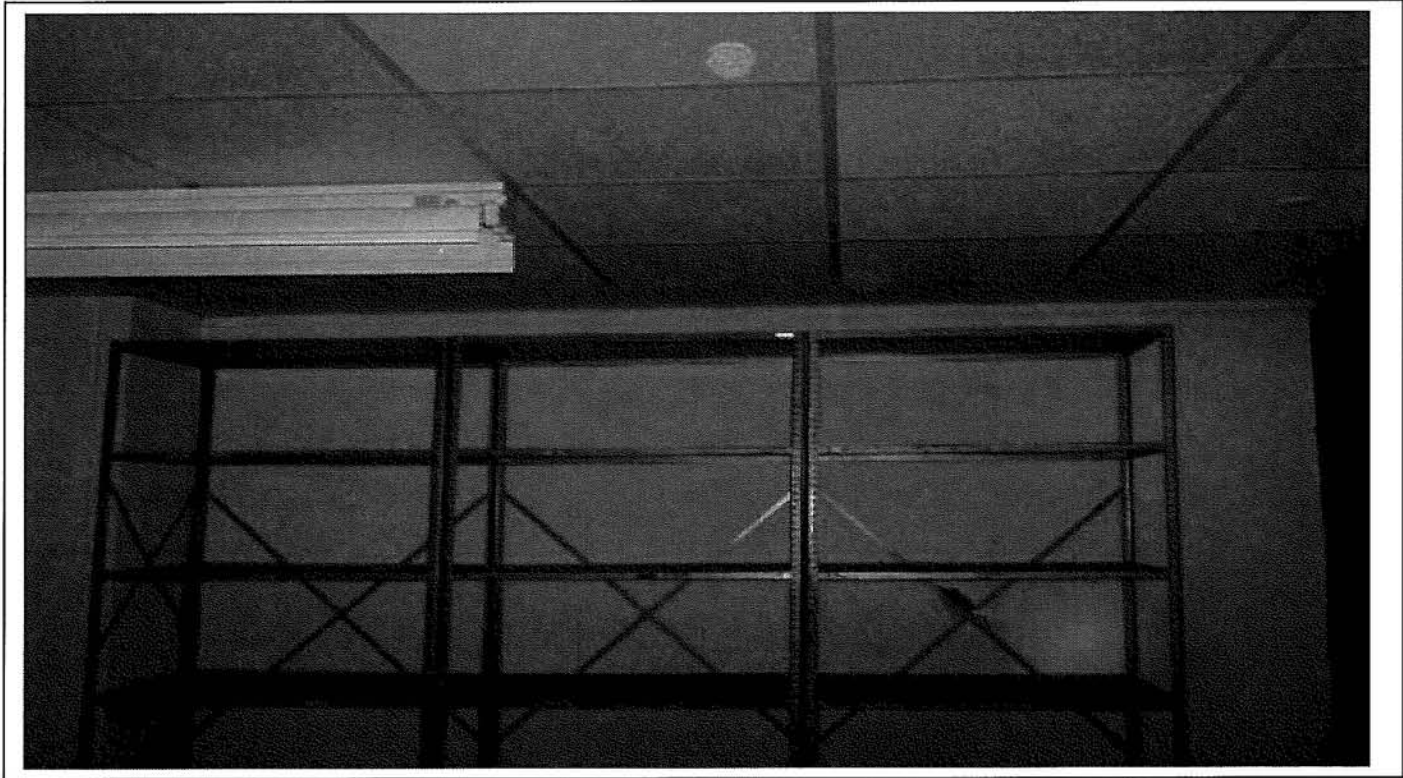


Photo 70: Metal shelves located in the storage area of section 6, Therapy building.

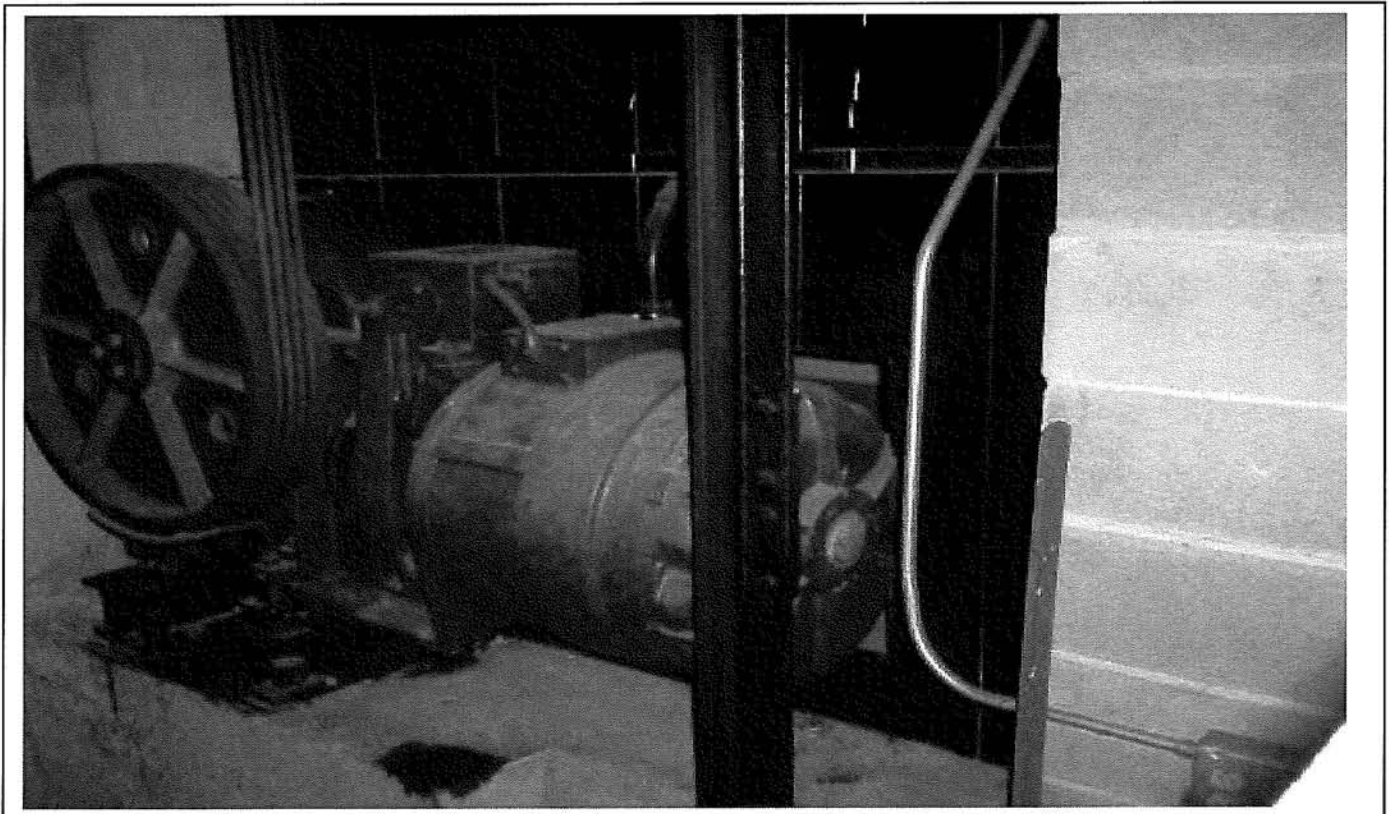


Photo 71: Electrical motor (elevator) located in section 6, storage area Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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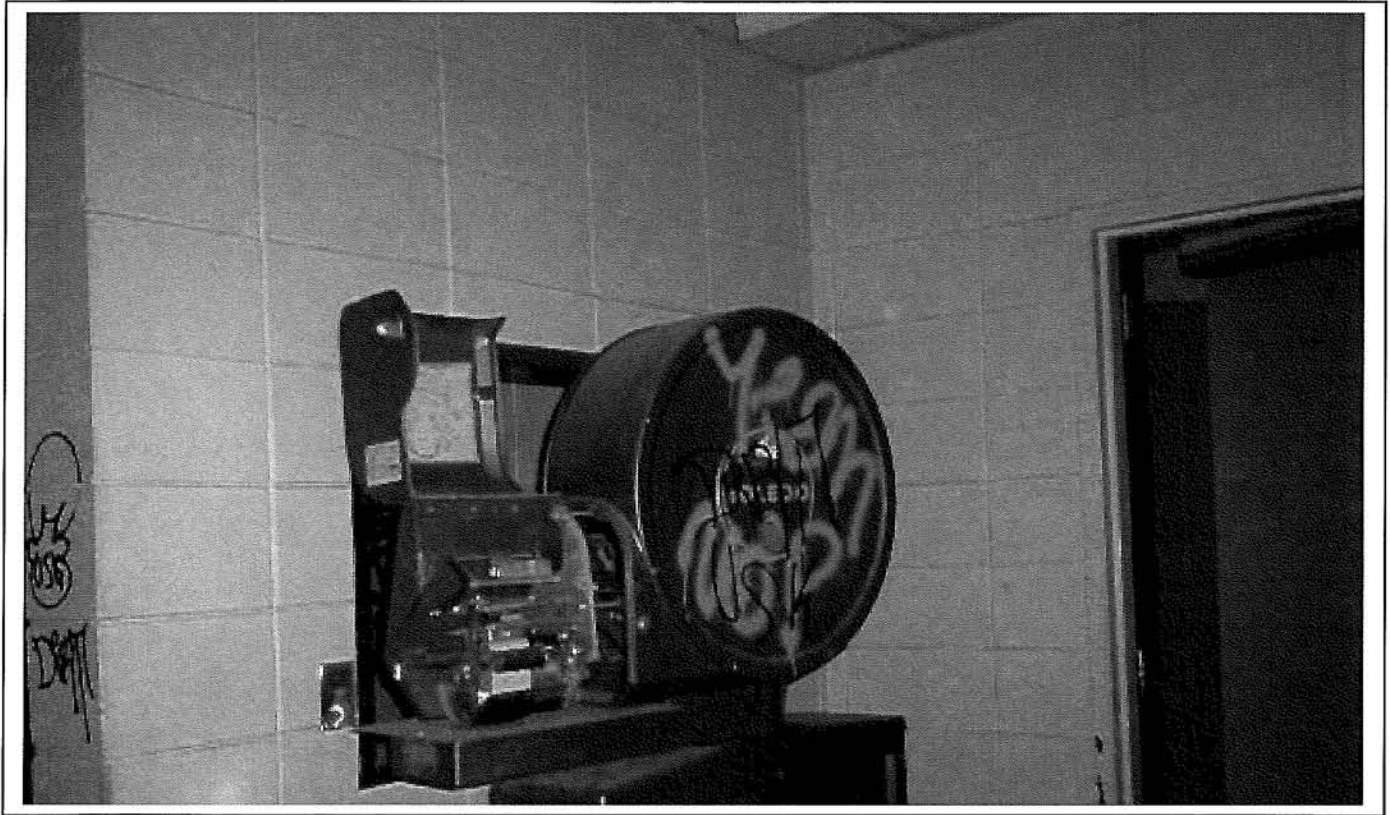


Photo 72: Typical metal scales located in section 6, storage area Therapy building.



PHOTO 73: Metal shelves located in the storage area of section 6, Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 74: Typical wall-mounted coolers located in the storage area of section 6, Therapy building.

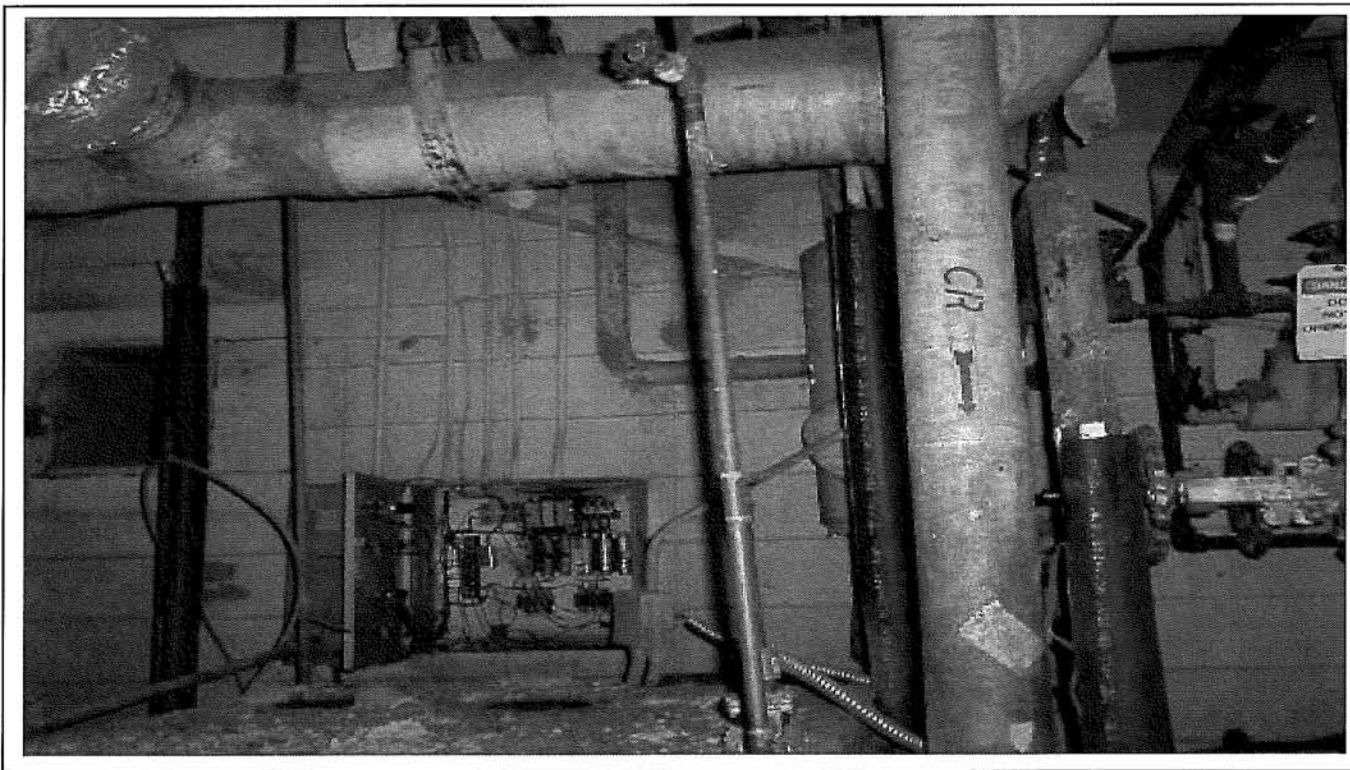


Photo 75: Typical copper pipe riser in mechanical room of section 6, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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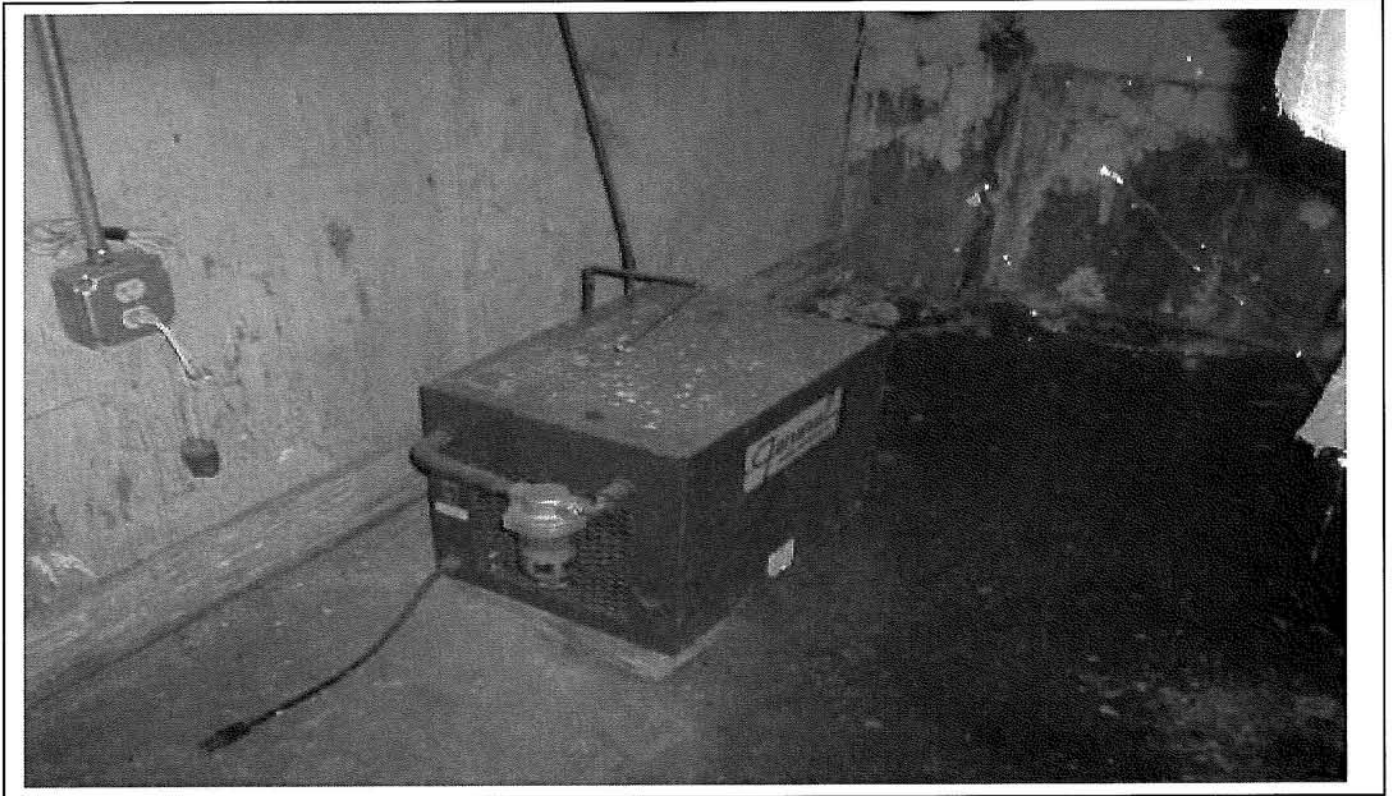


Photo 76: Typical air dryer located in mechanical room of section 6, Therapy Building.



Photo 77: Metal storage cabinet located in mechanical room of section 6, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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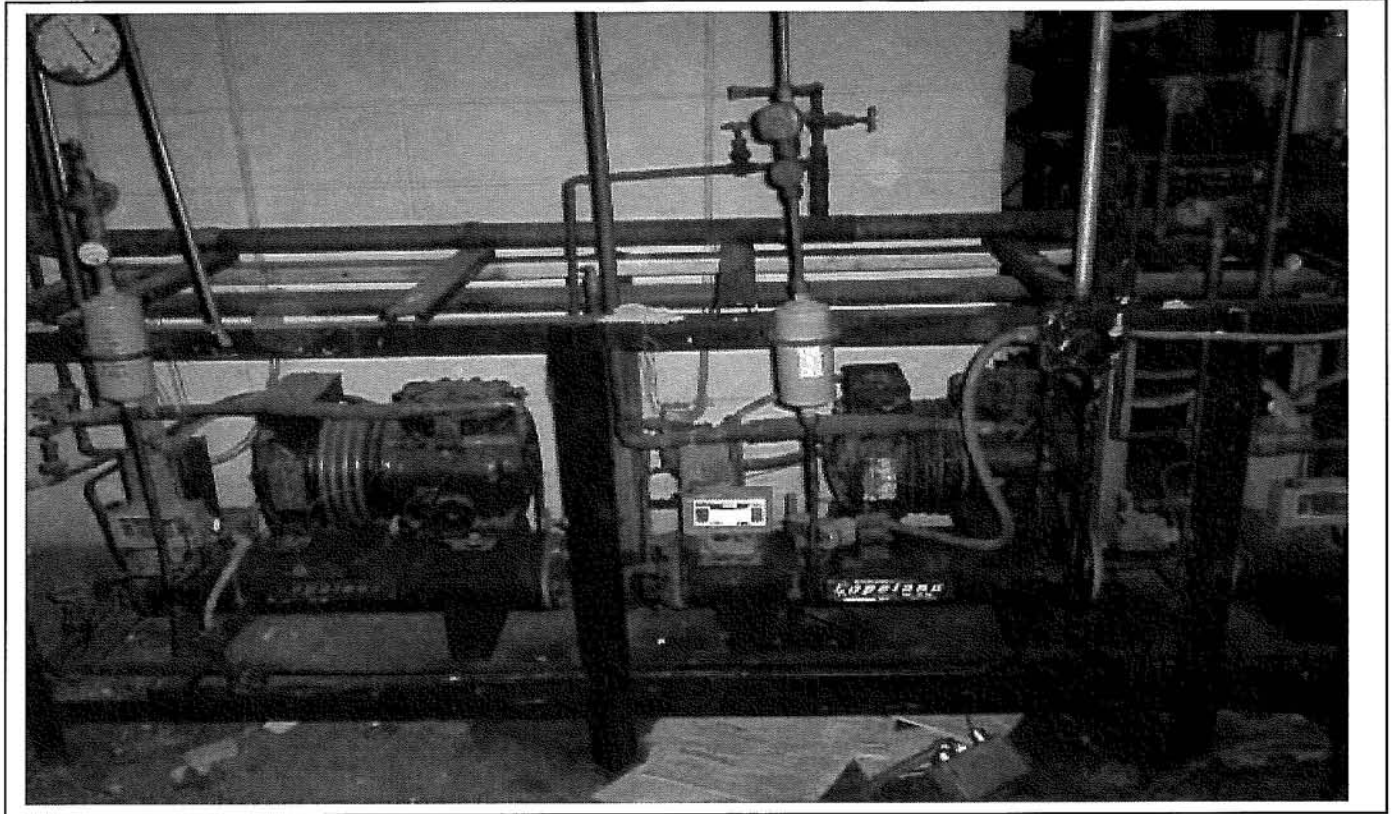


Photo 78: Typical electrical motors located in mechanical room of section 6, Therapy Building.

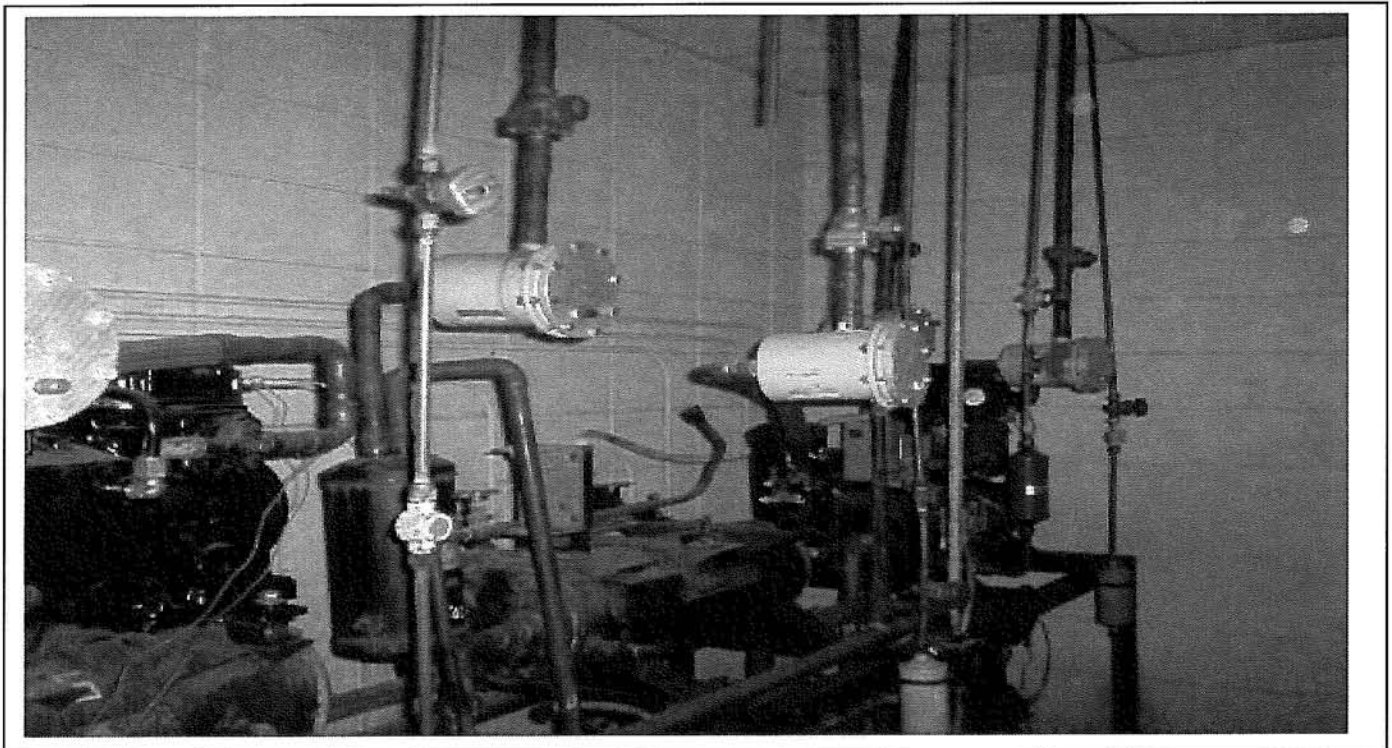


Photo 79: Typical copper piping of various size risers located in mechanical room of section 6, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 80: Typical electrical motors stored in mechanical room of section 6, Therapy Building.



Photo 81: Typical copper pipe risers 2", 1" & ½" located in mechanical room of second level of section 6, Therapy Building.

SITE PHOTOGRAPHS

Photographs taken by: Dwayne Cheatom

C.E.R.M. Project # 11-0862-034

**CORPORATE ENVIRONMENTAL
RISK MANAGEMENT, L.L.C.**

2115 MONROE DRIVE, SUITE 110
Atlanta, GA 30324
(678) 999-0173 Fax:(678) 999-0186

PHOTO LOG

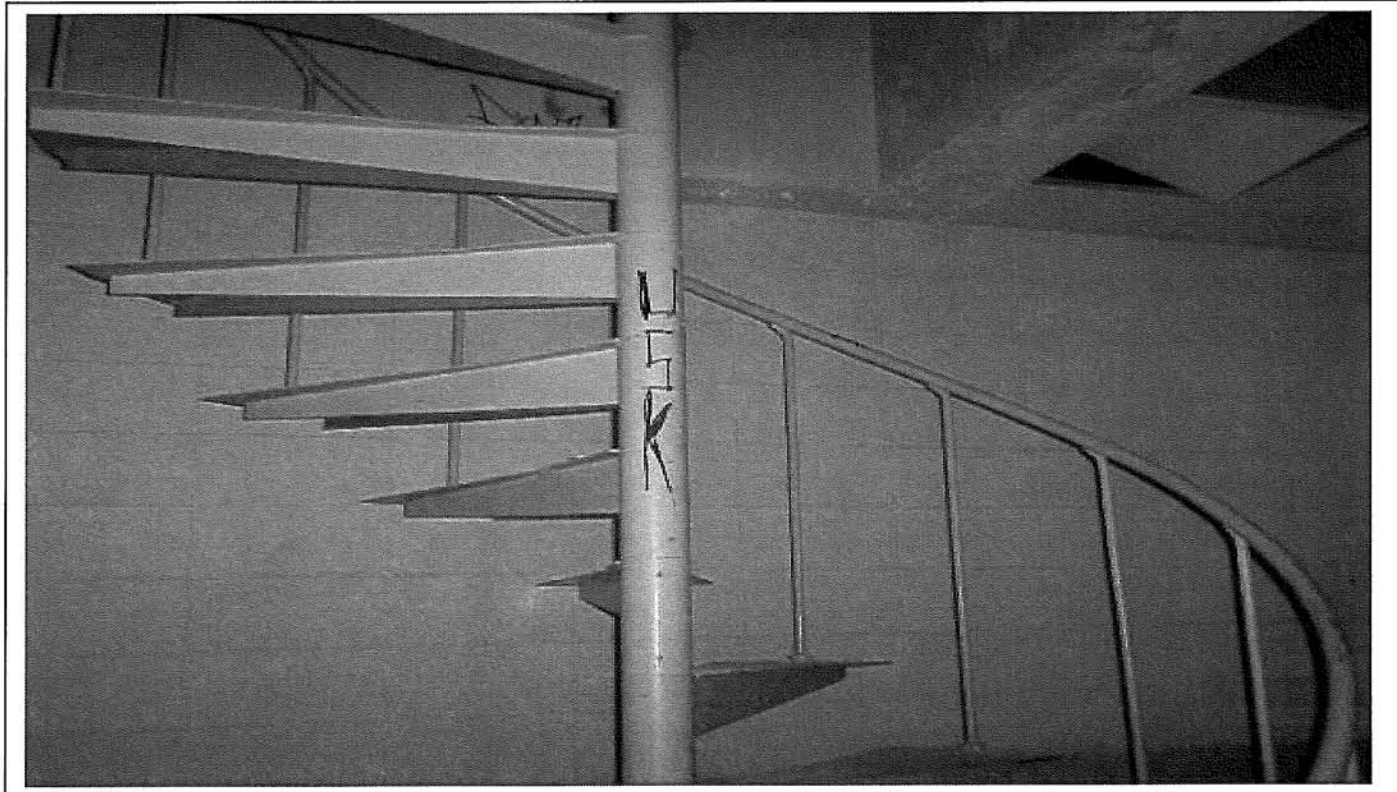


Photo 82: Typical metal staircase located on second level of section 6, Therapy Building.



Photo 83: Typical metal lockers in locker room, located in section 6, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 84: Typical ceramic sink located in locker area of section 6, Therapy Building.



Photo 85: Typical ceramic urinal located in locker area of section 6, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 86: Typical commode located in locker area of section 6, Therapy Building.



Photo 87: Typical metal wall-mounted water cooler located in storage area of section 6, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 88: Typical Aluminum window framing located at the front entry of section 6, Therapy Building.

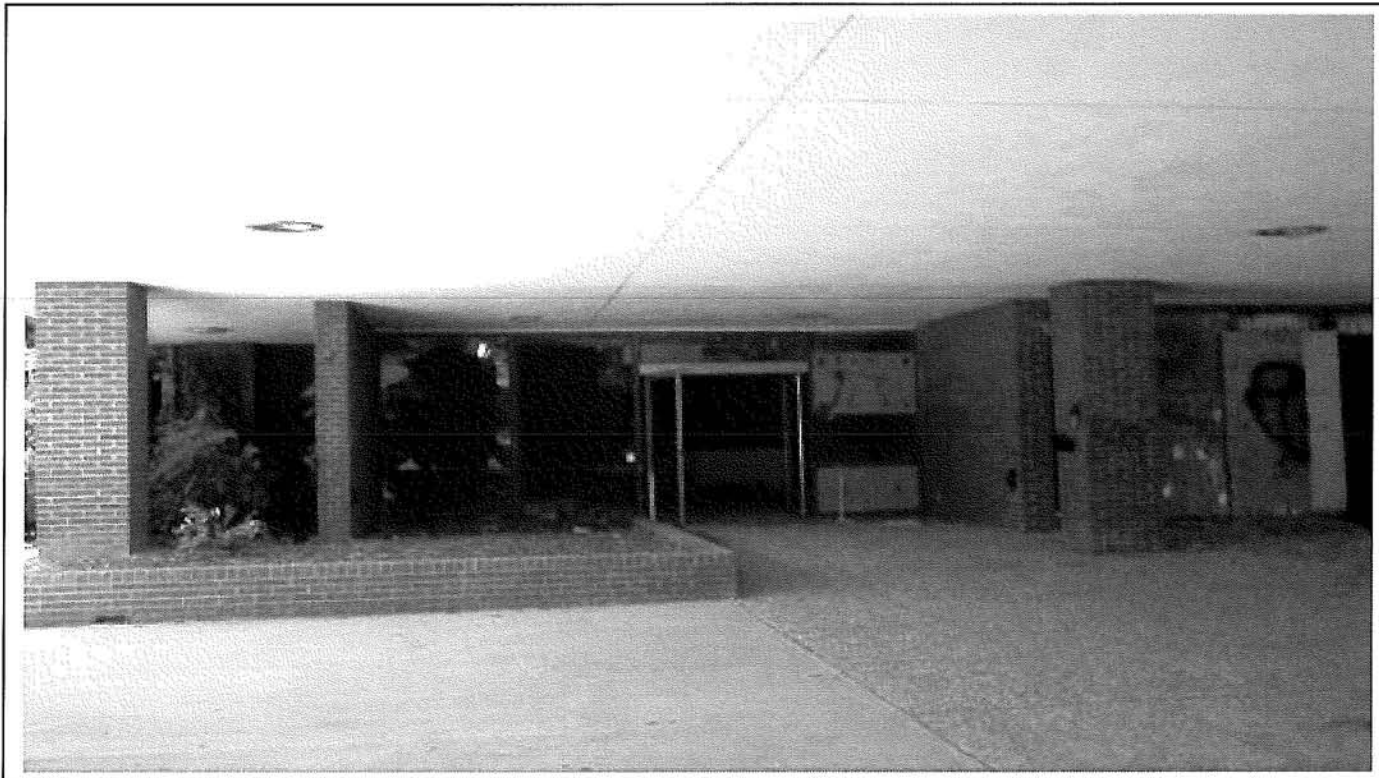


Photo 89: Entry depicting typical Aluminum door and window framing second level, section 5 Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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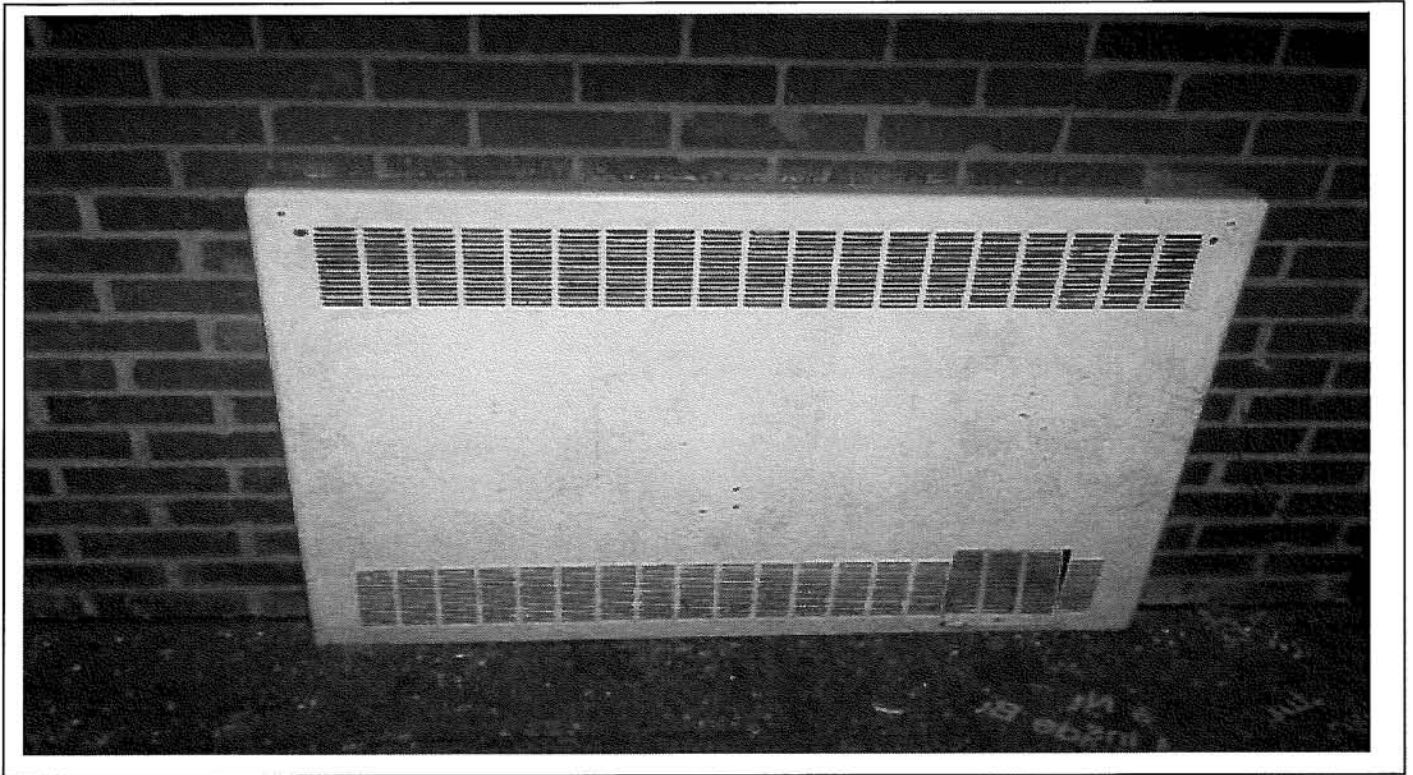


Photo 90: Typical wall-mounted radiator in entryway of second level section 5, Therapy Building.

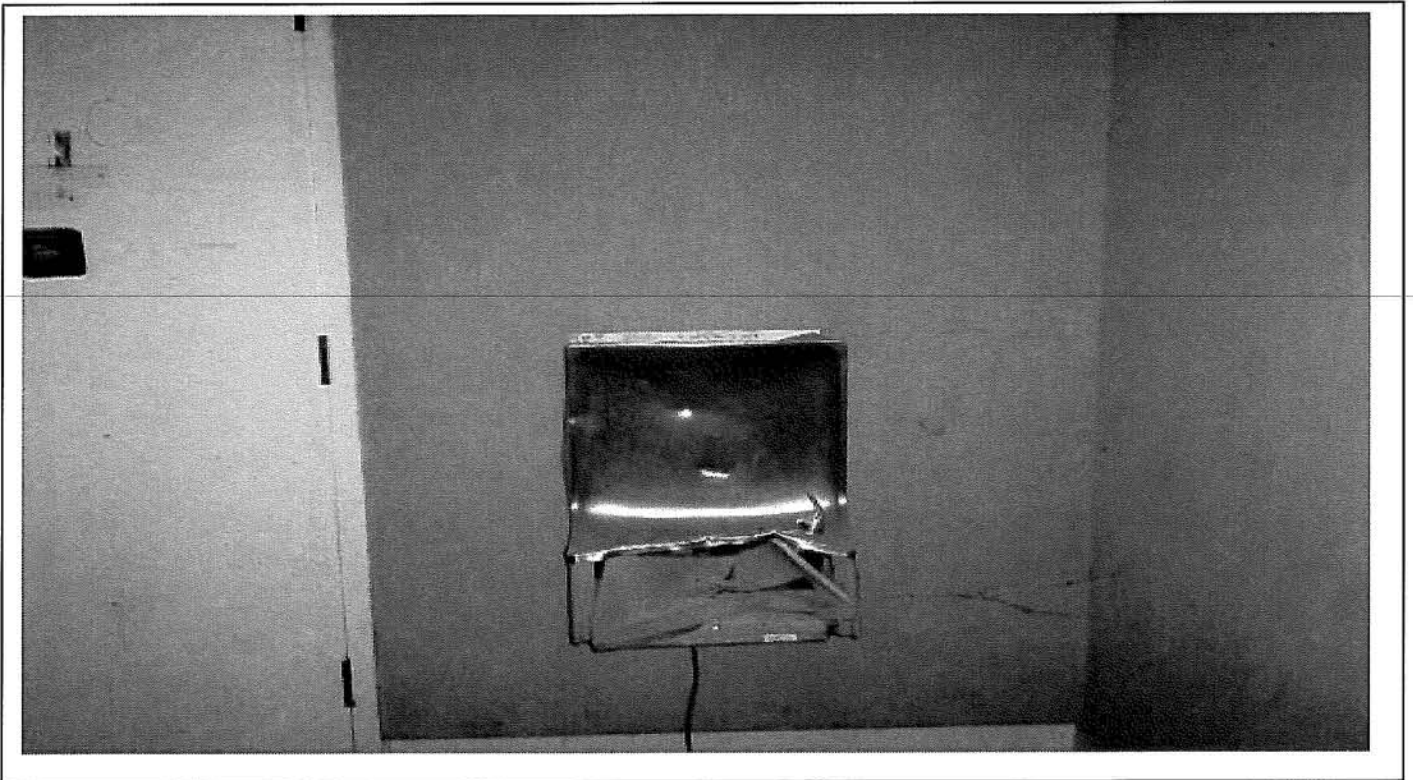


Photo 91: Typical stainless steel water fountain located in hallway of second floor section 5, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 92: Typical floor-mounted heaters located in entryway of second floor section 5, Therapy Building.

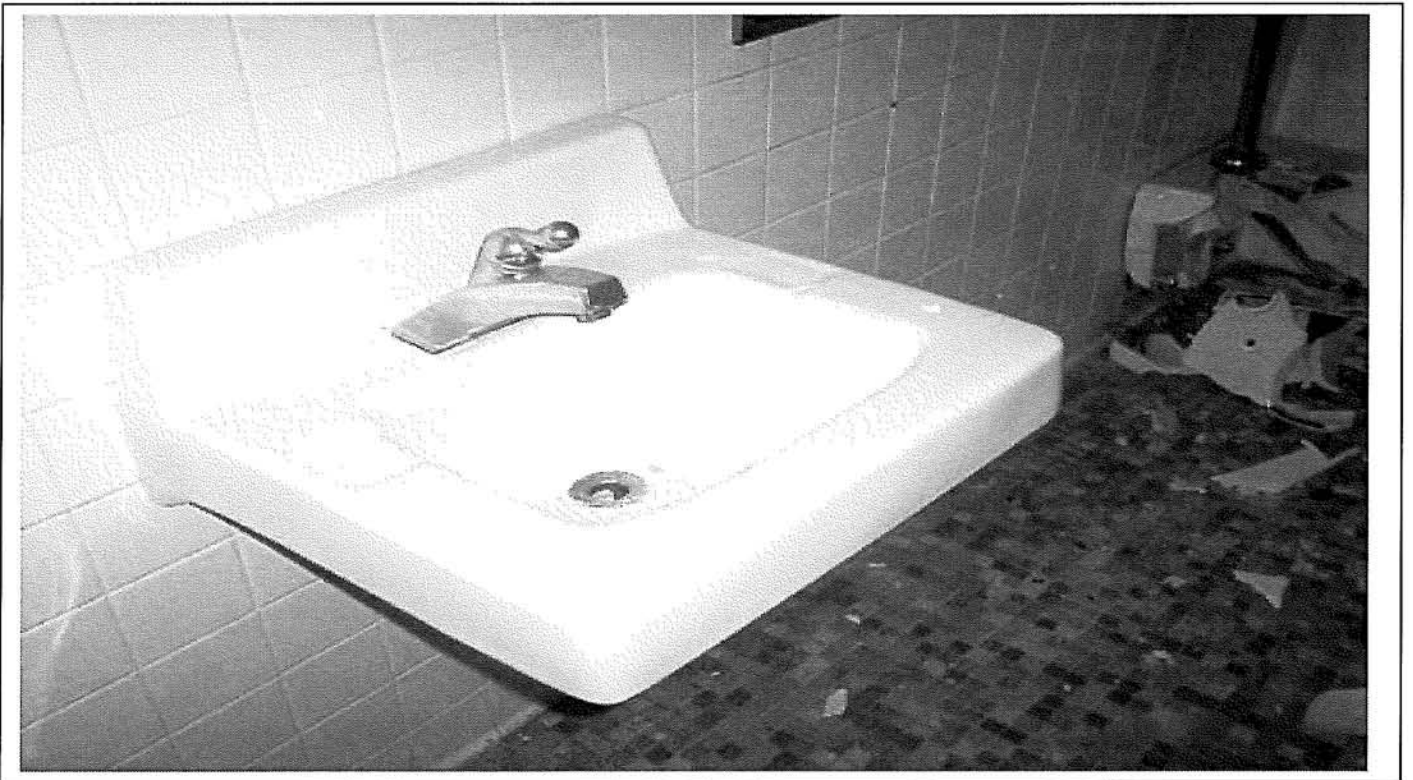


Photo 93: Typical standard ceramic sink located in restrooms of second floor section 5, Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 94: Typical copper tubing pipe run within pipe chase behind laboratory area on second floor section 5, Therapy Building.

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<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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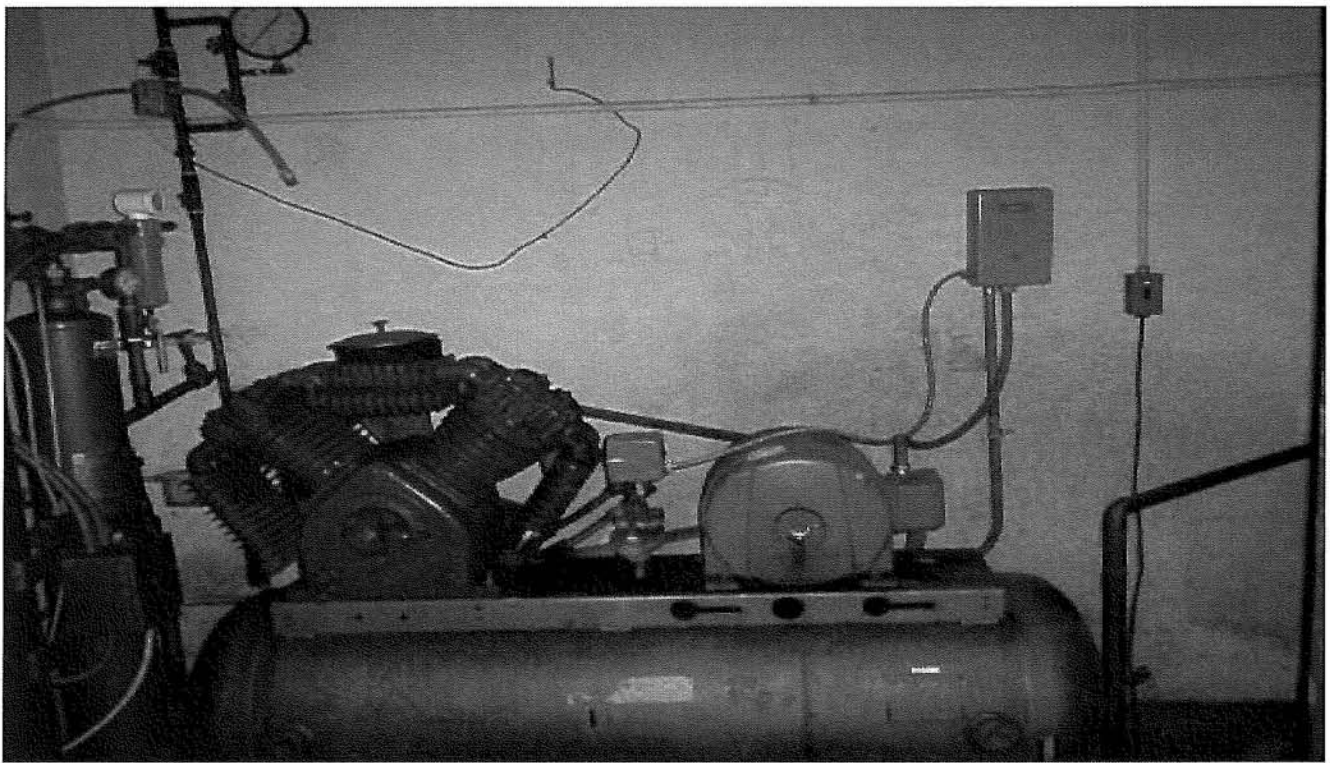


Photo 95: Typical mechanical equipment (motor) located in mechanical room on the ground floor, section 4 Therapy building.



Photo 96: Typical toilet, blue ceramic material located room on the ground floor, section 4 Therapy building.

SITE PHOTOGRAPHS

Photographs taken by: Dwayne Cheatom

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Photo 97: Typical blue ceramic sink located room on the ground floor, section 4 Therapy building.



Photo 98: Typical wall-mounted water cooler (fountain) depicting copper elements, located on the ground floor, section 4 Therapy building.

SITE PHOTOGRAPHS

Photographs taken by: Dwayne Cheatom

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Photo 99: Typical stainless steel drawers in the morgue area, located in section 4, lower level of Therapy building.

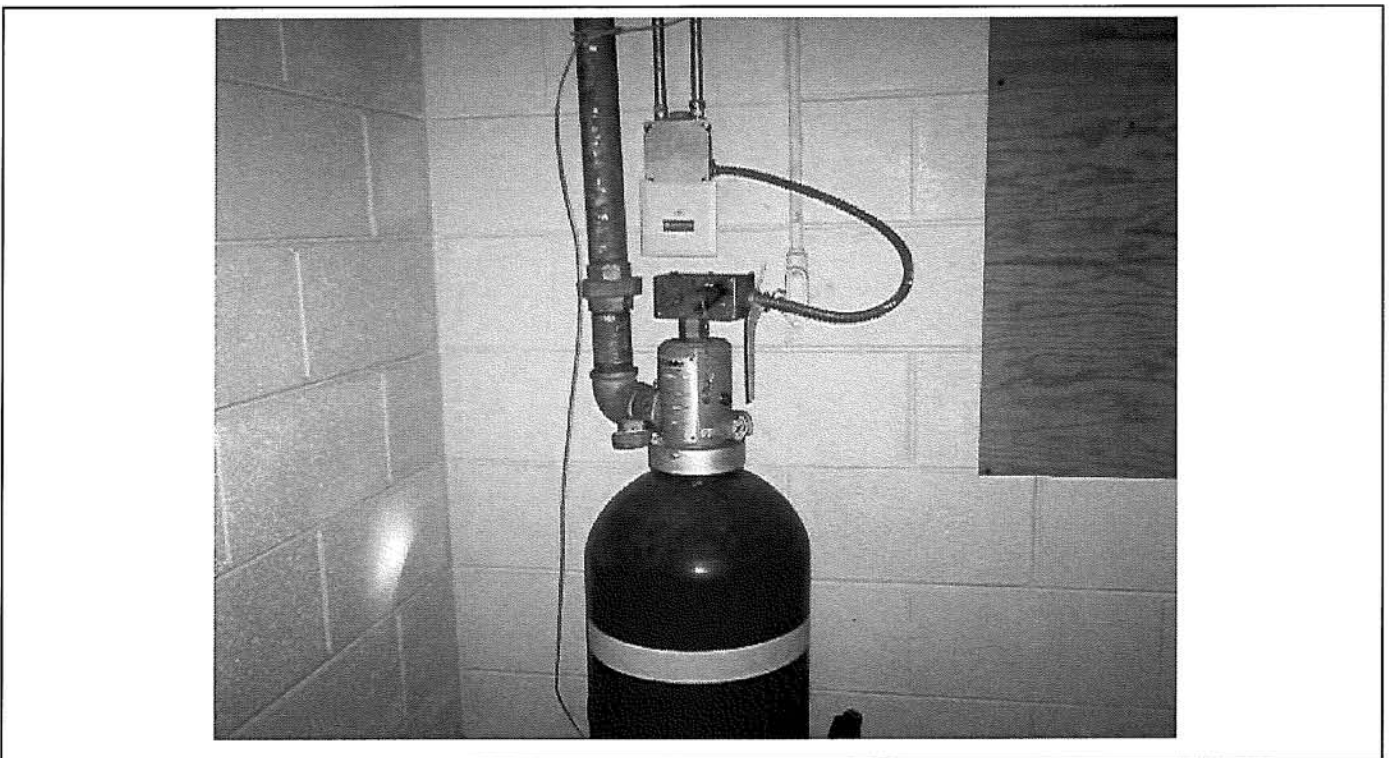


Photo 100: Typical canister and apparatus for fire fighting, located in section 4, lower level of Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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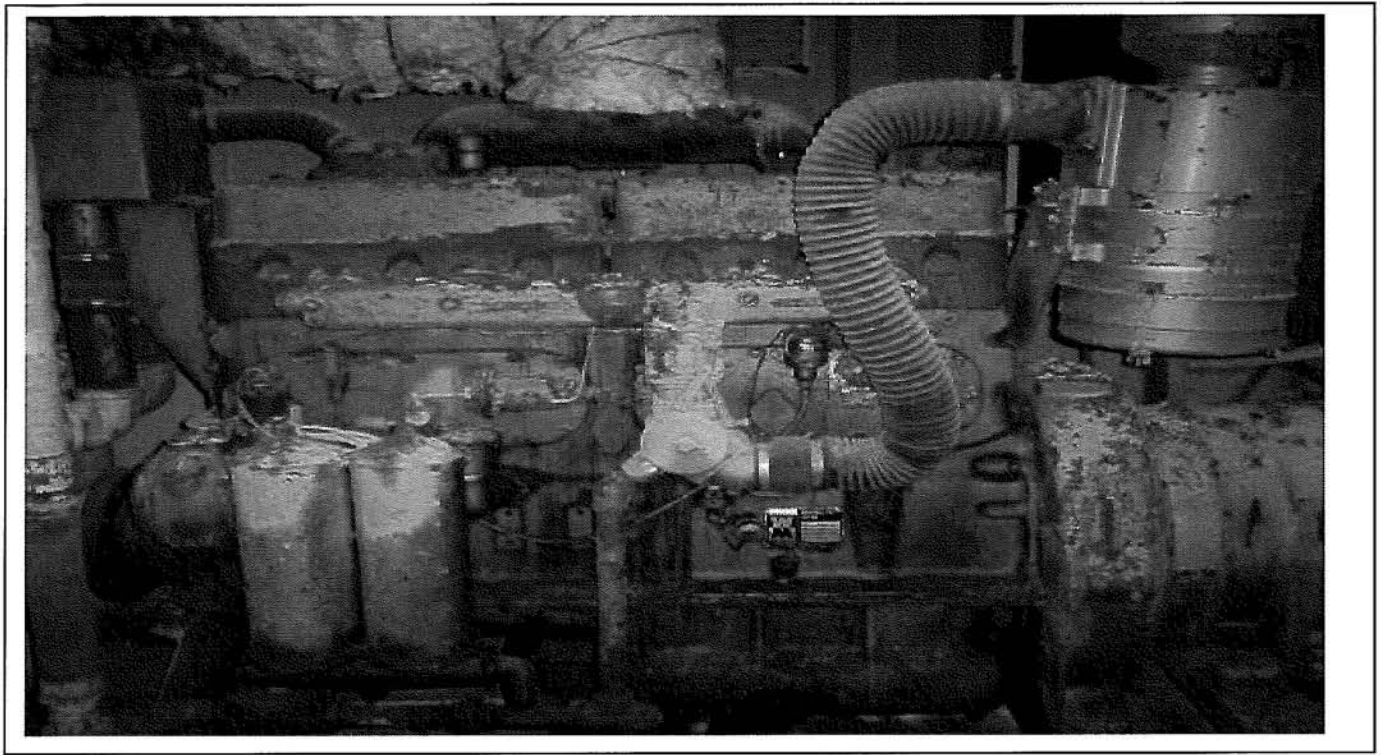


Photo 101: Natural gas engine located in the mechanical room of the lower level, section 4 of Therapy building.



Photo 102: Typical view of rear of Therapy building depicting metal doors & frame, metal railing and Aluminum window frames.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 103: Typical metal transformer case.



Photo 104: Typical electric motor located in mechanical room in section 4 of Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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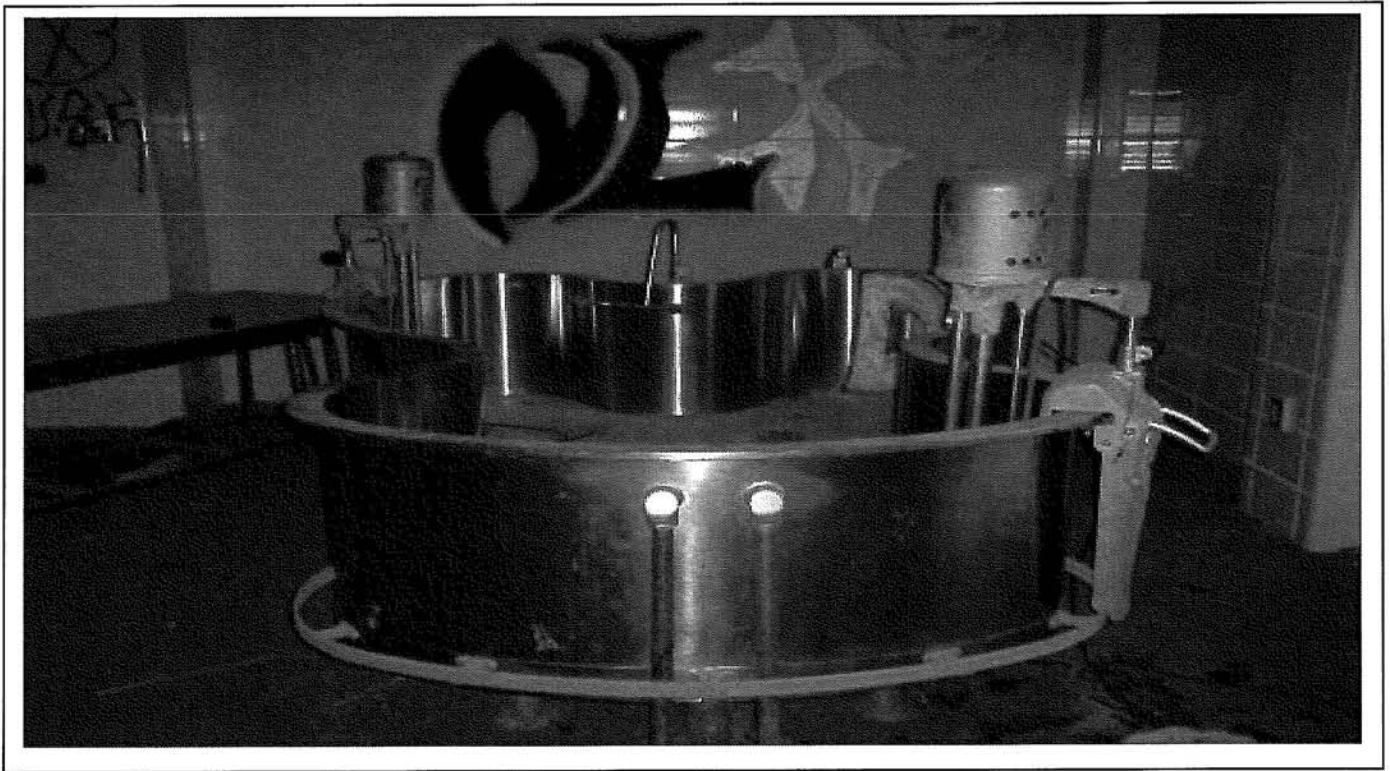


Photo 105: View of a stainless steel “whirlpool” tub located adjacent pool area, of the lower level, section 4 of Therapy building.

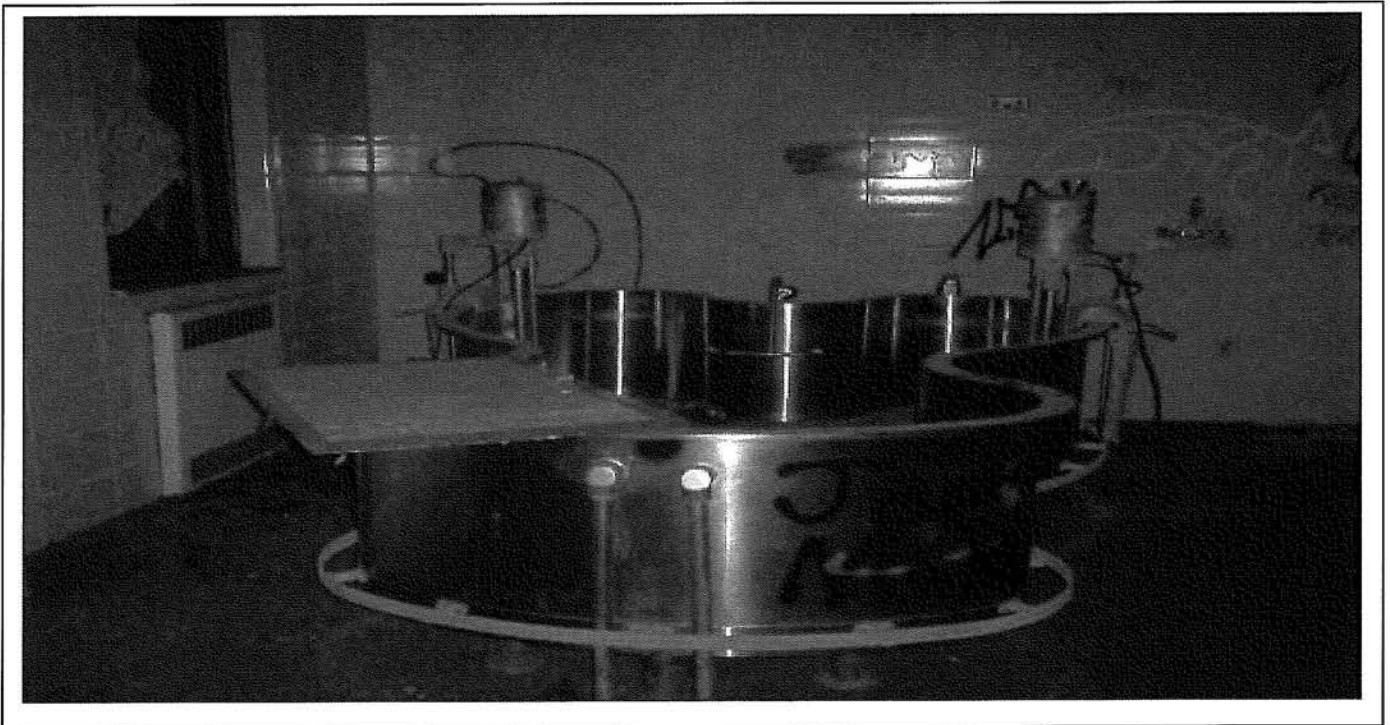


Photo 106: View of a stainless steel “whirlpool” tub located adjacent pool area, of the lower level, section 4 of Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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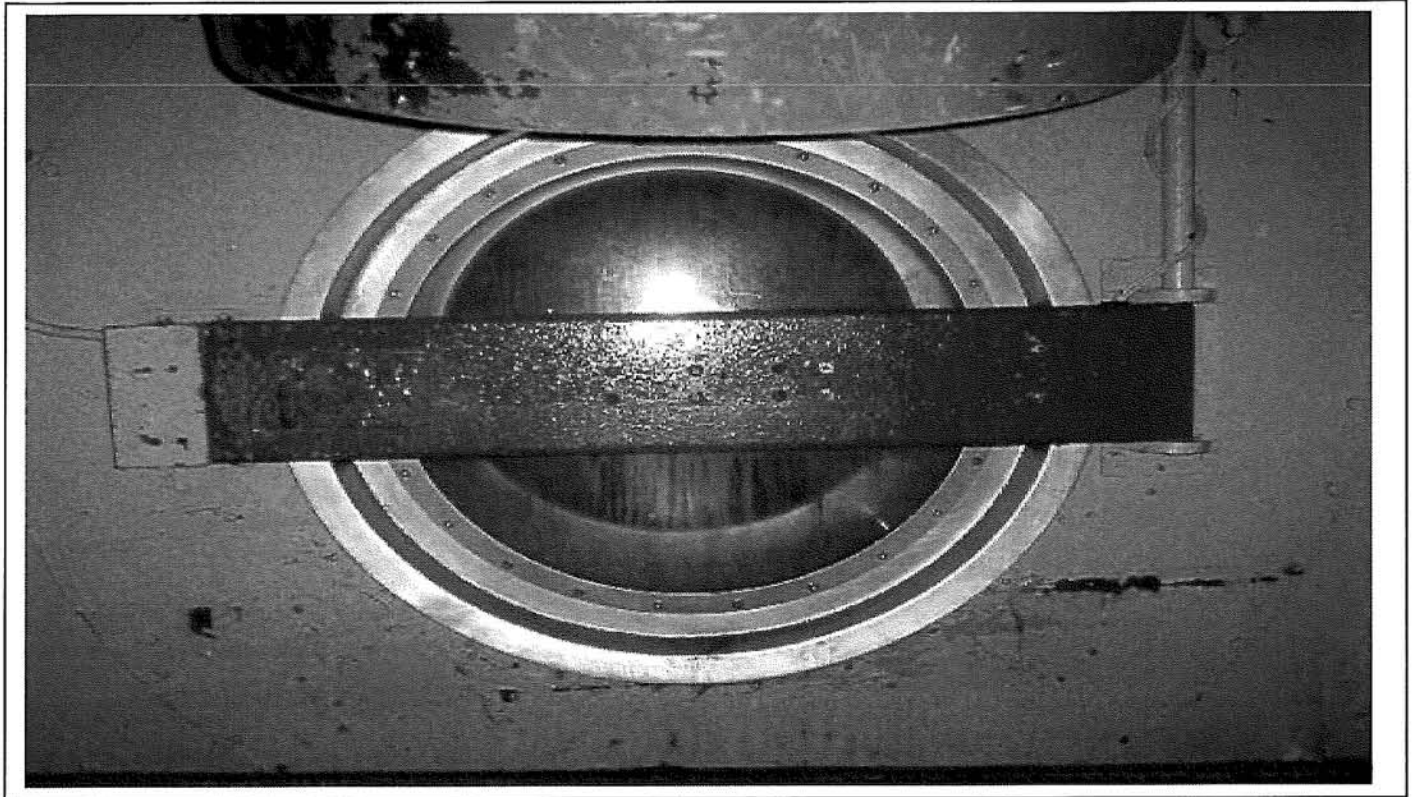


Photo 107: Typical tumbler (dryer), metal construction, located in section 1 of Therapy building.



Photo 108: Exterior brick facade of ramp area, section 1 of Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 109: Typical view of metal fascia located around roof perimeter, section 1 of Therapy building.



Photo 110: Typical view of metal fascia located around roof perimeter, section 1 of Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 111: Typical exterior reinforced concrete retaining wall, Therapy building.

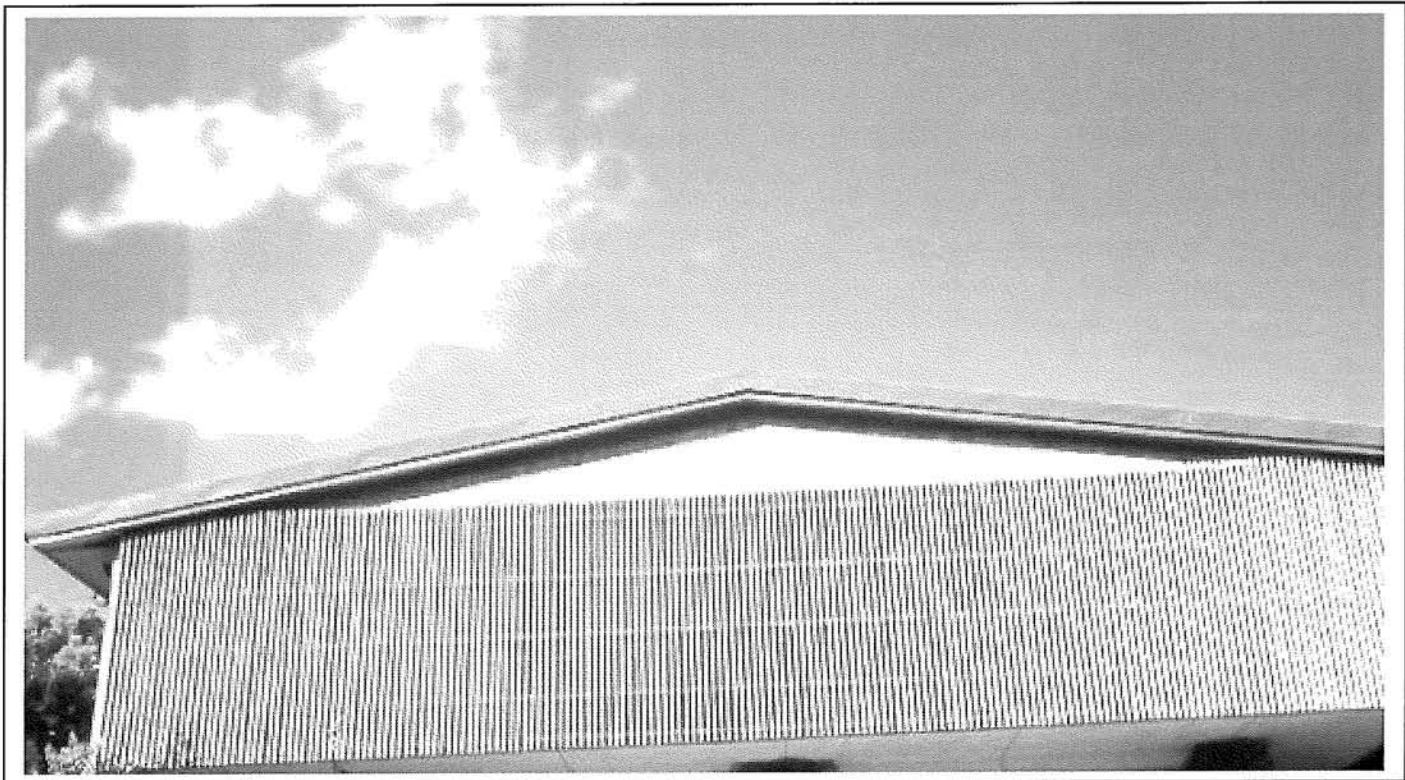


Photo 112: Typical wood façade located on exterior wall, section 1 of Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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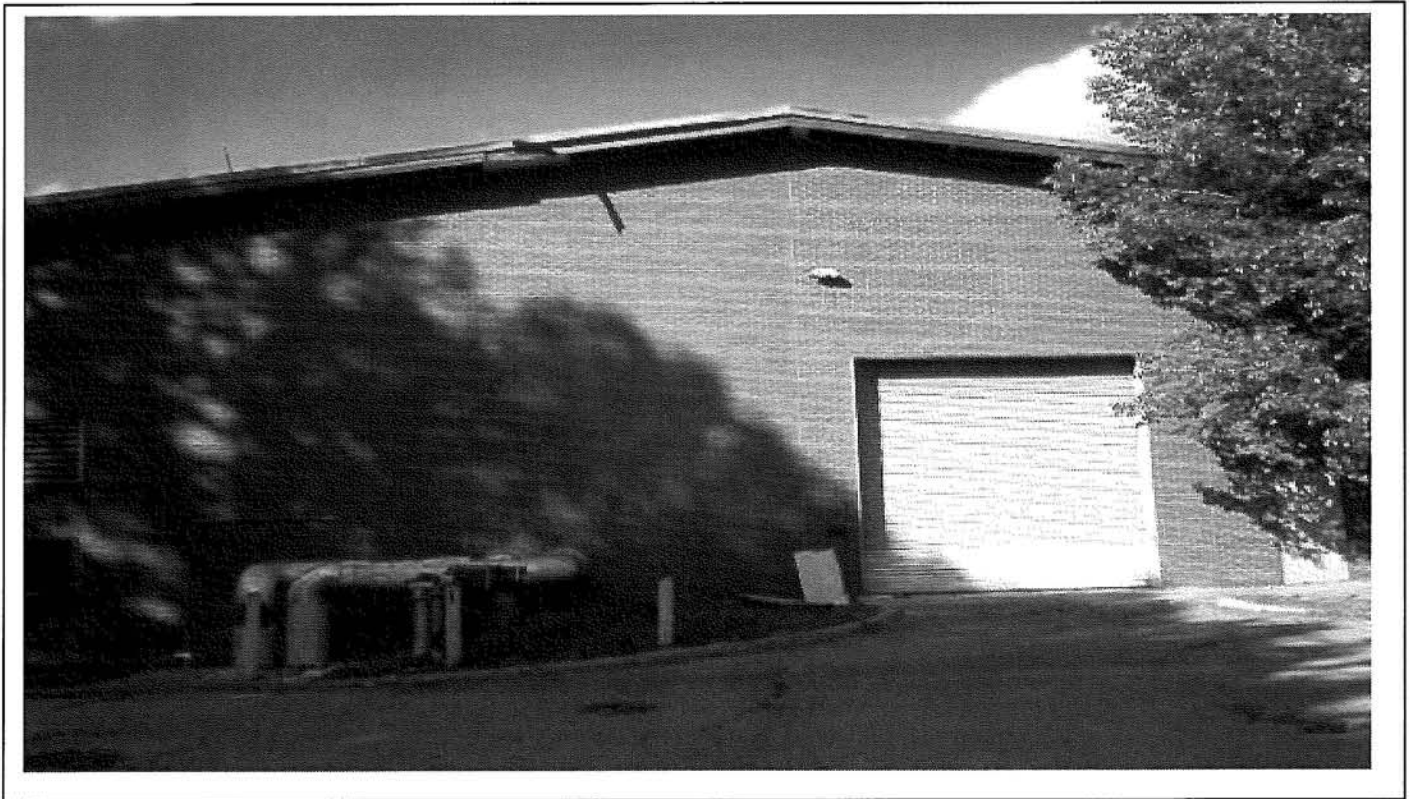


Photo 113: View of front elevation of the Power Plant building.

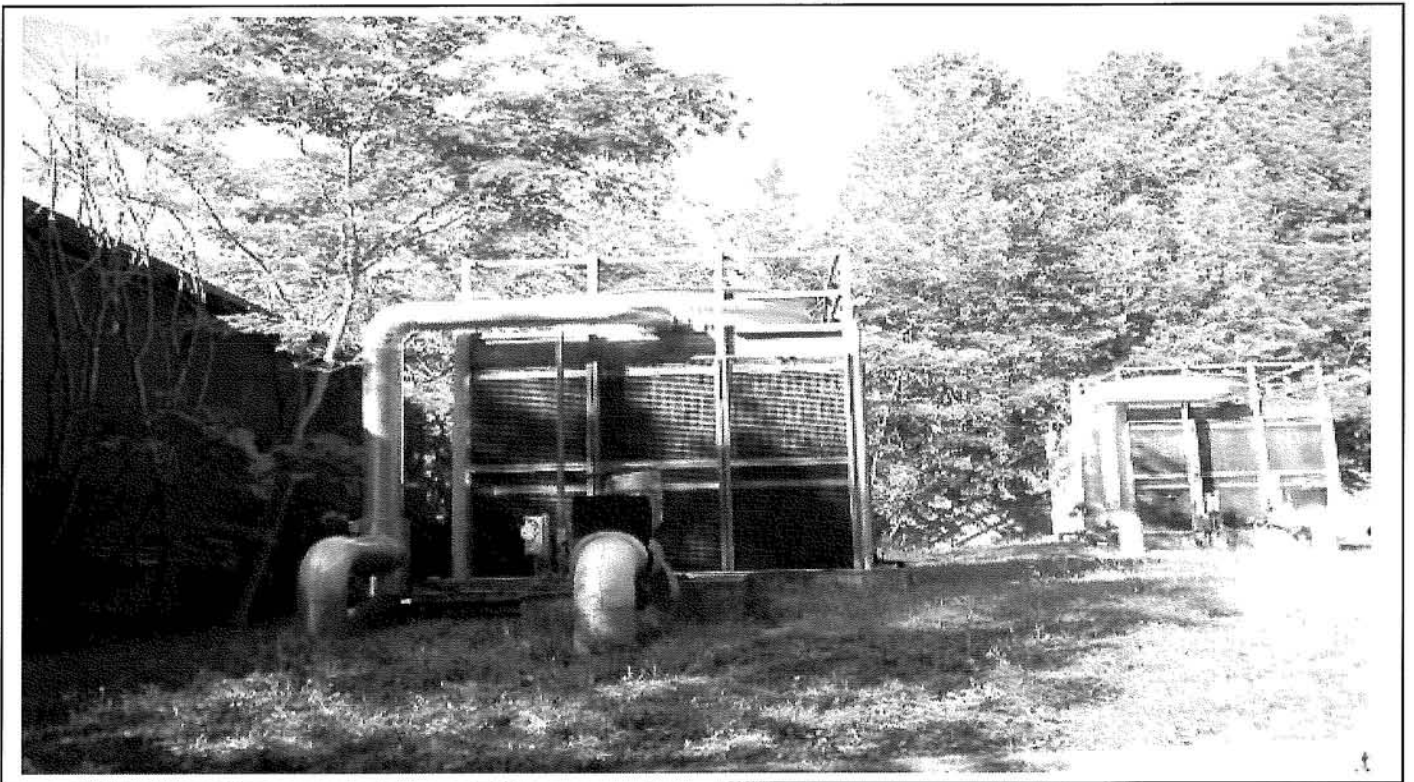


Photo 114: View of cooling towers (1,2) associated with the Power Plant building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 139: Wall-mounted stainless steel fence head located in the Lab area, second floor, section 5, Therapy building.



Photo 140: Metal/glass drying oven, located in the Lab area second floor, section 5, Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 141: Typical metal files in secretary's office on the second floor of Therapy building.

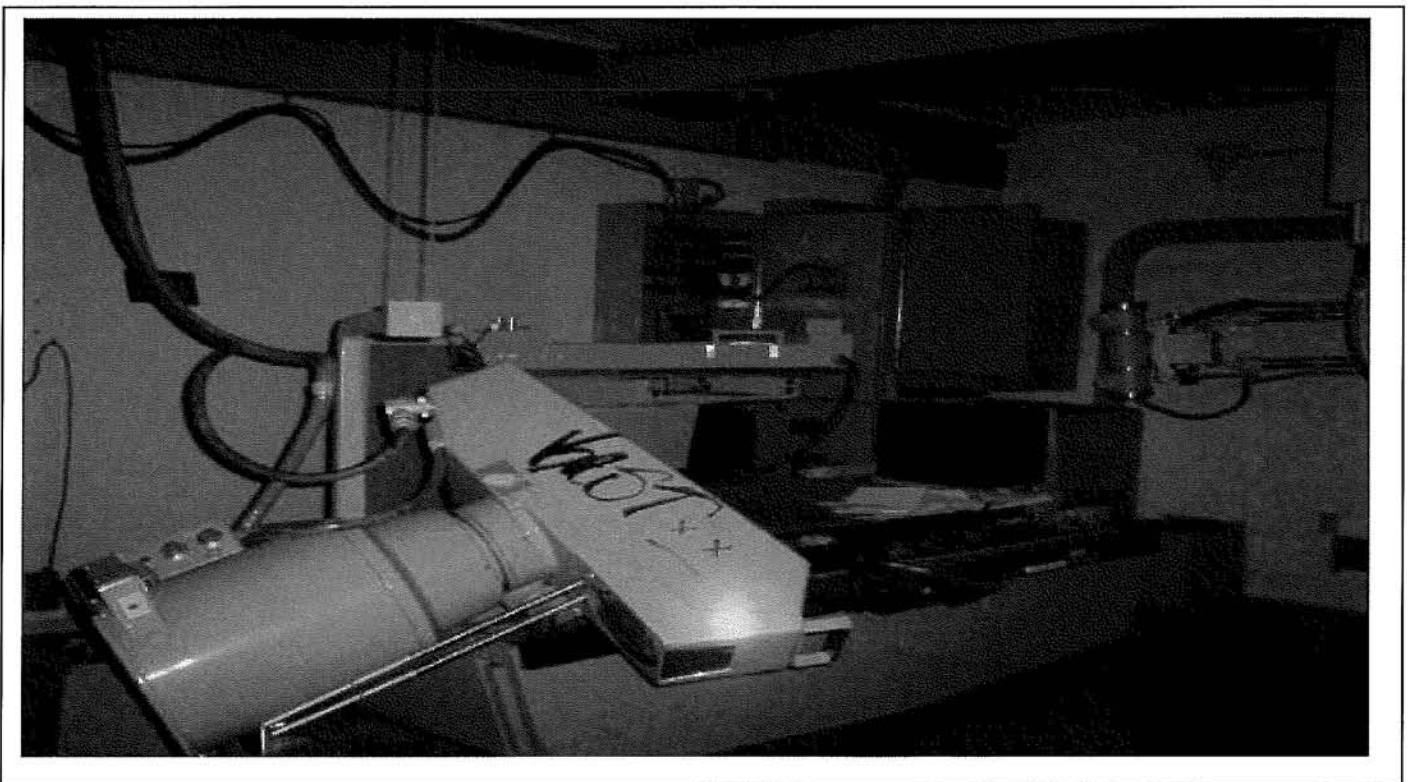


Photo 142: X-ray equipment located in the x-ray room on the second floor of the Therapy building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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**Appendix C-2
Photographic Log**

Hazardous Materials Assessment Photos

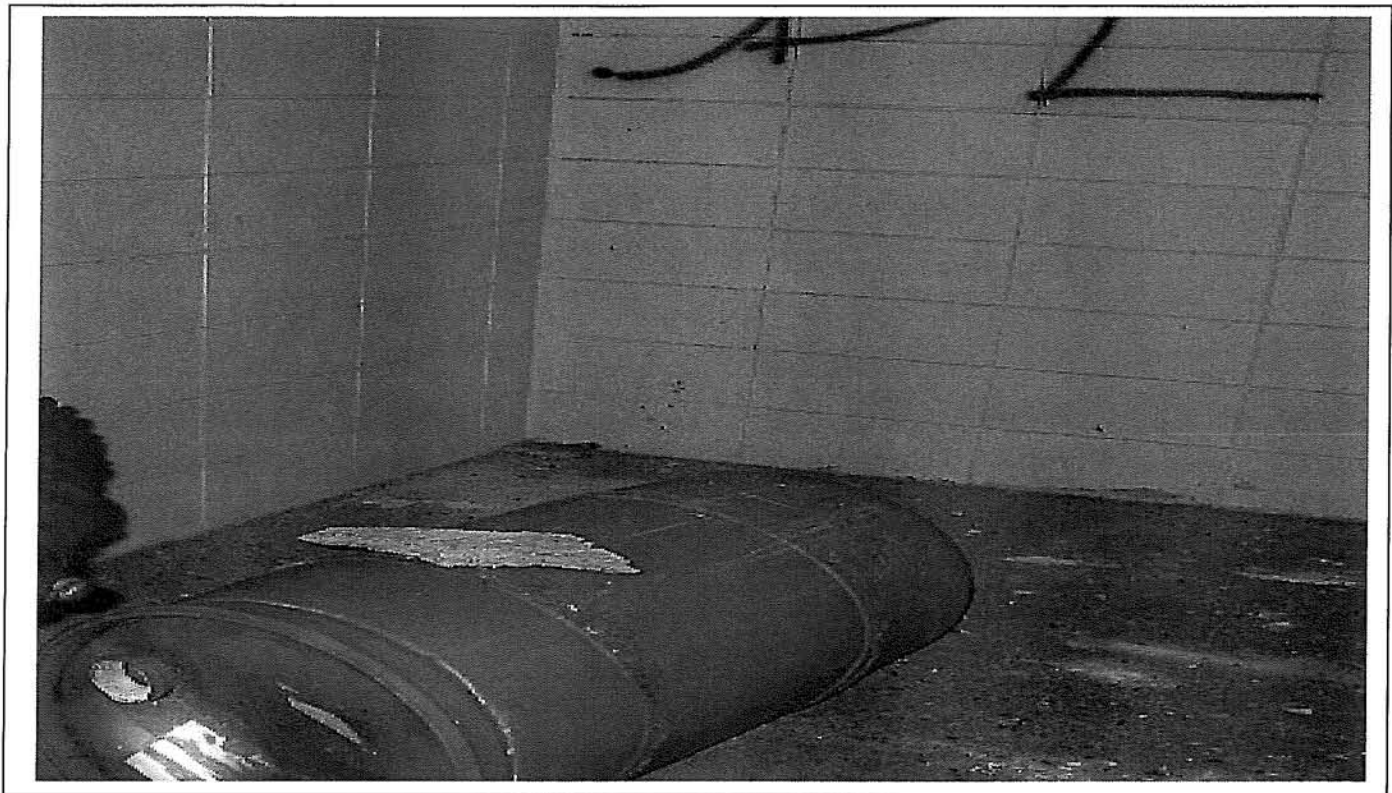


Photo 1: 55-gallon drum located in Therapy Building.

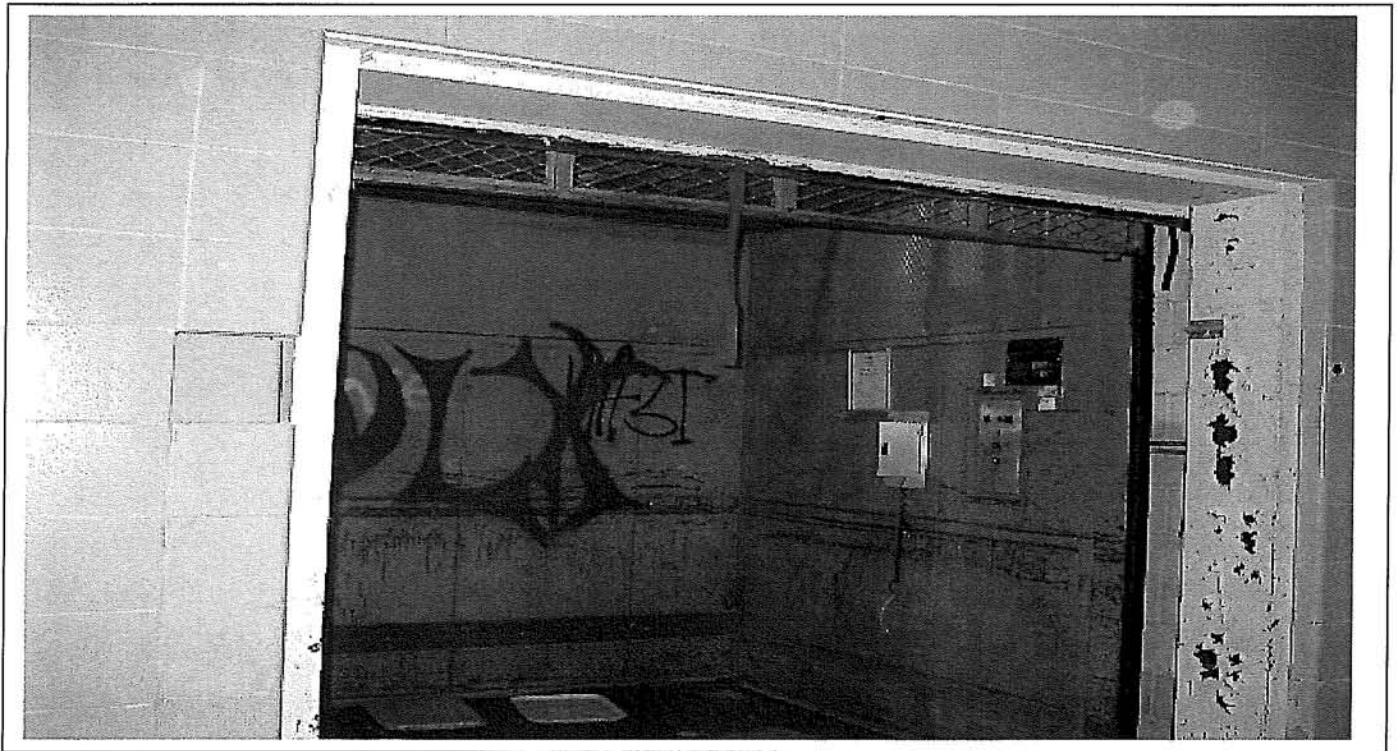


Photo 2: Typical elevator.

SITE PHOTOGRAPHS

Photographs taken by: Dwayne Cheatom

C.E.R.M. Project # 11-0862-034

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Photo 3: Debris observed outside of Therapy Building.

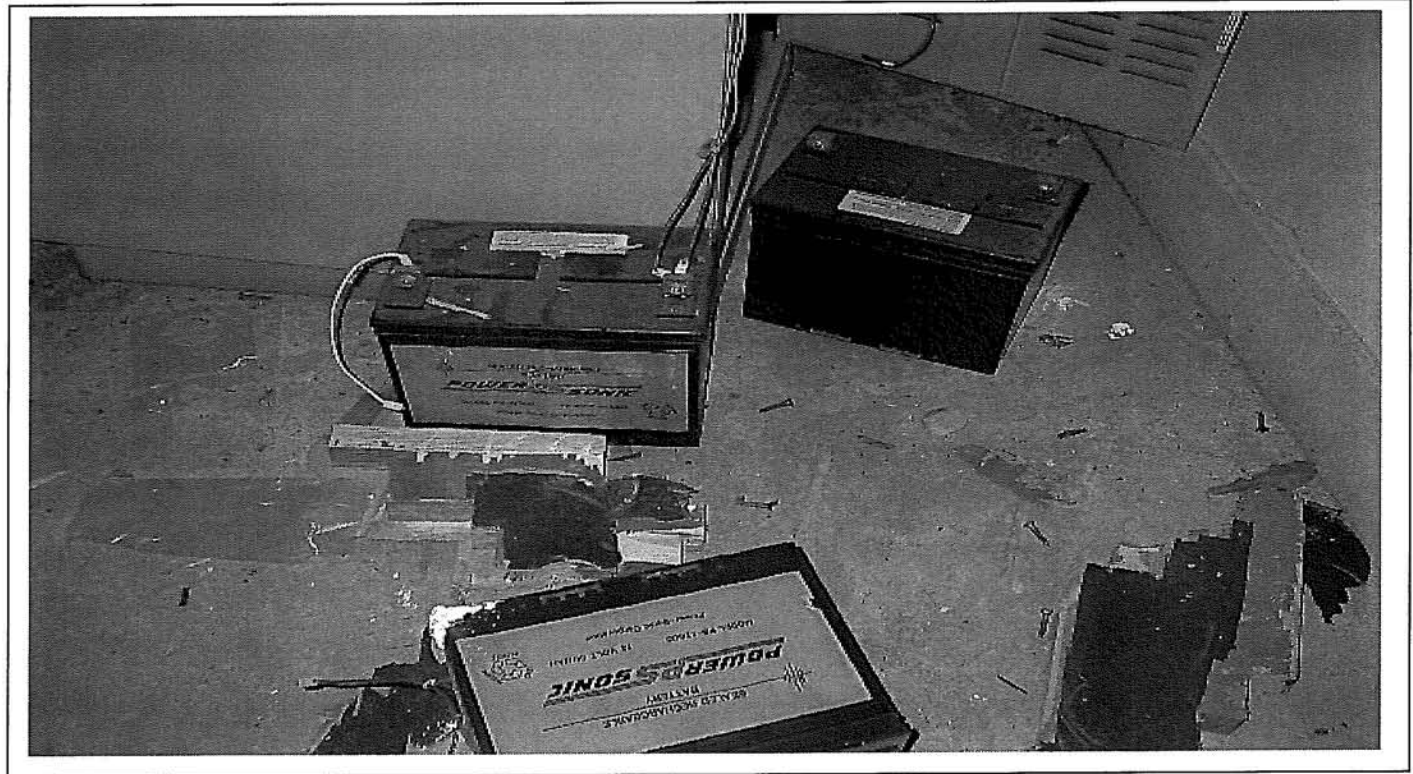


Photo 4: Batteries observed near reception area of Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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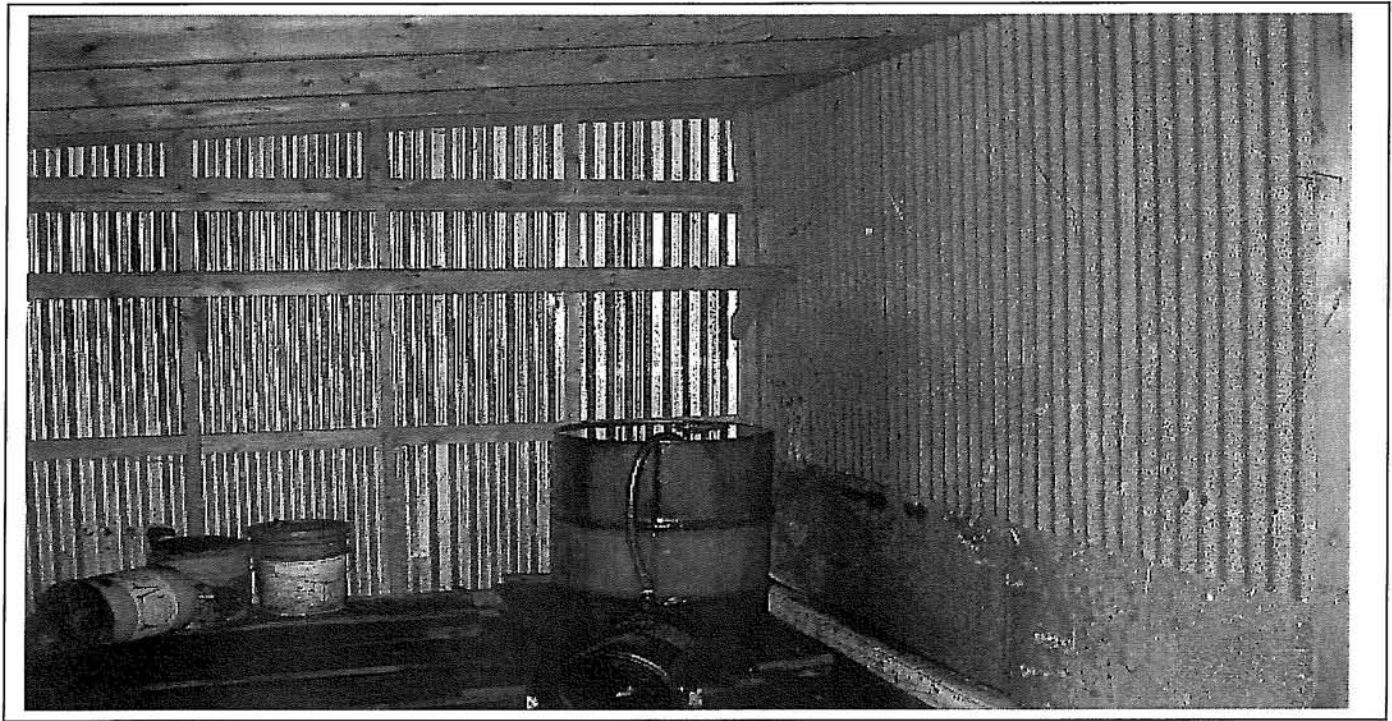


Photo 5: 55-gallon drum in storage shed.

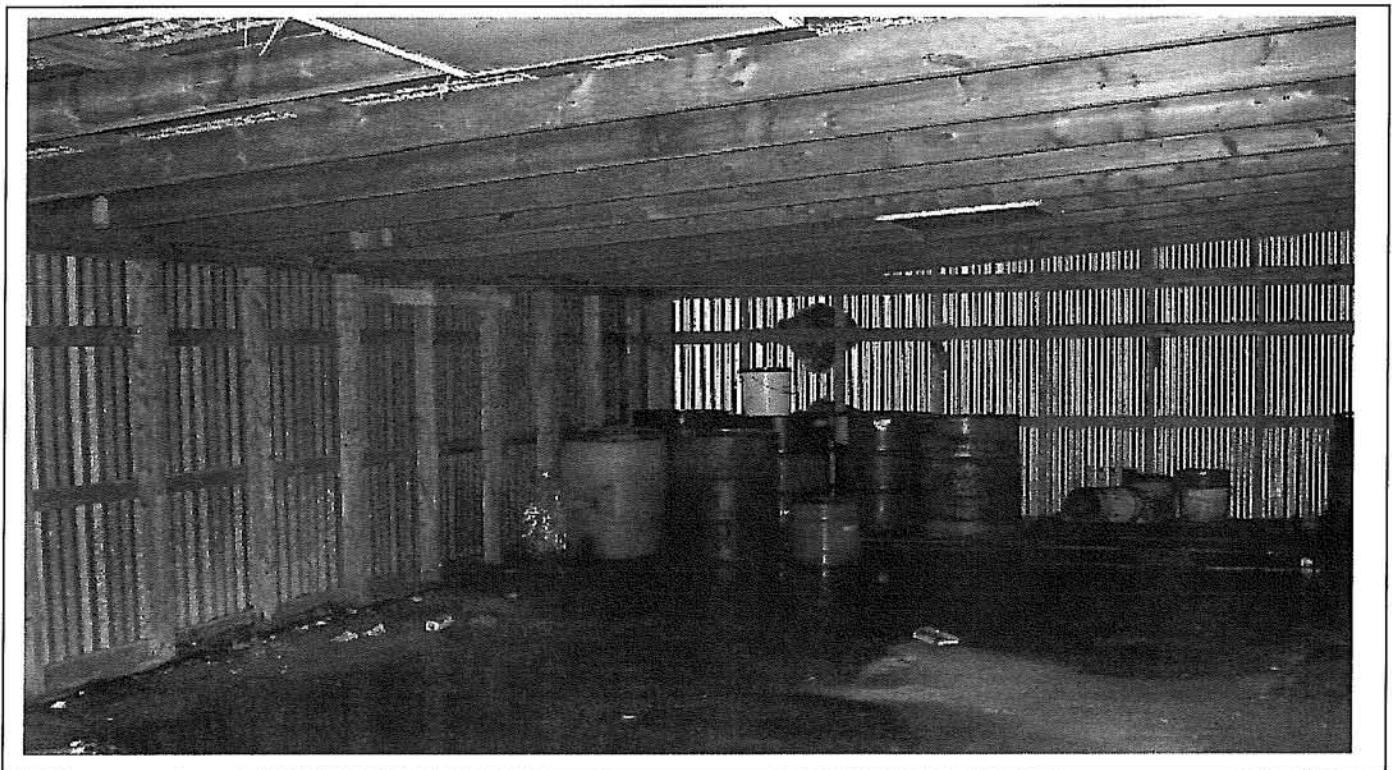


Photo 6: Various drums and buckets observed in storage shed.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 7: 55-gallon drum ^(observed) outside of Therapy Building.



Photo 8: 55-gallon drum containing light ballasts and buckets located in Power Plant.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 9: Typical fire extinguisher observed throughout property.



Photo 10: Non-regulated ice-melt observed in Power Plant.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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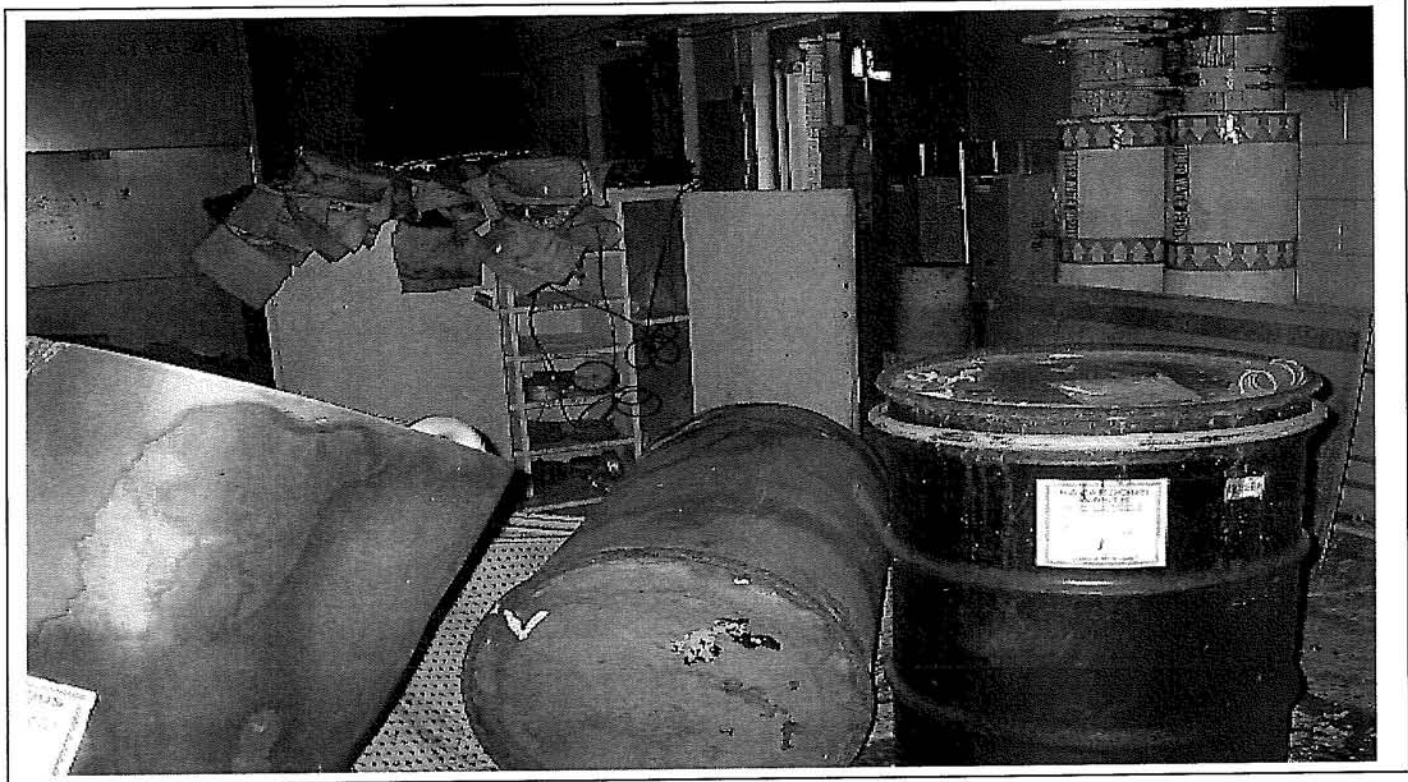


Photo 11: 55-gallon drums observed in Power Plant.



Photo 12: Debris observed in Power Plant.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax@678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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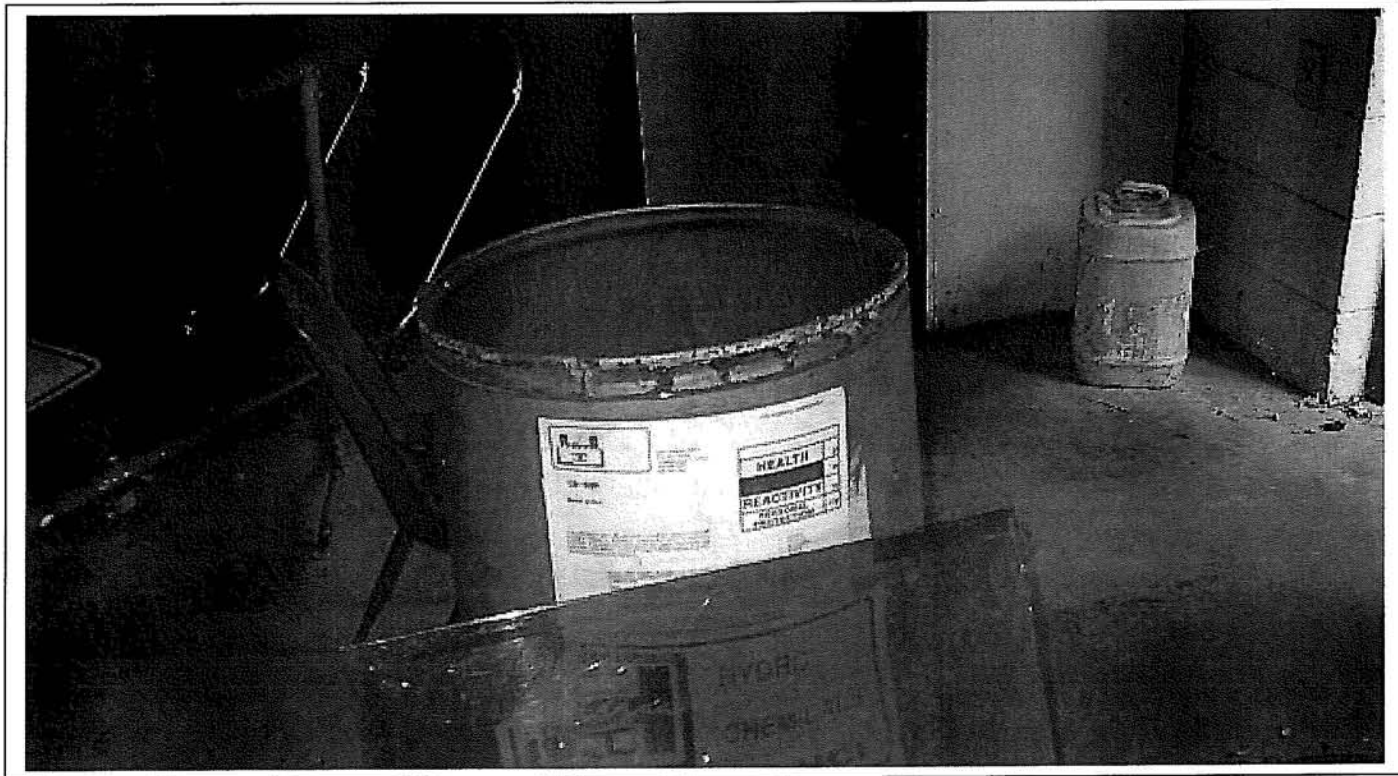


Photo 13: Additional 55-gallon drum containing light ballast.

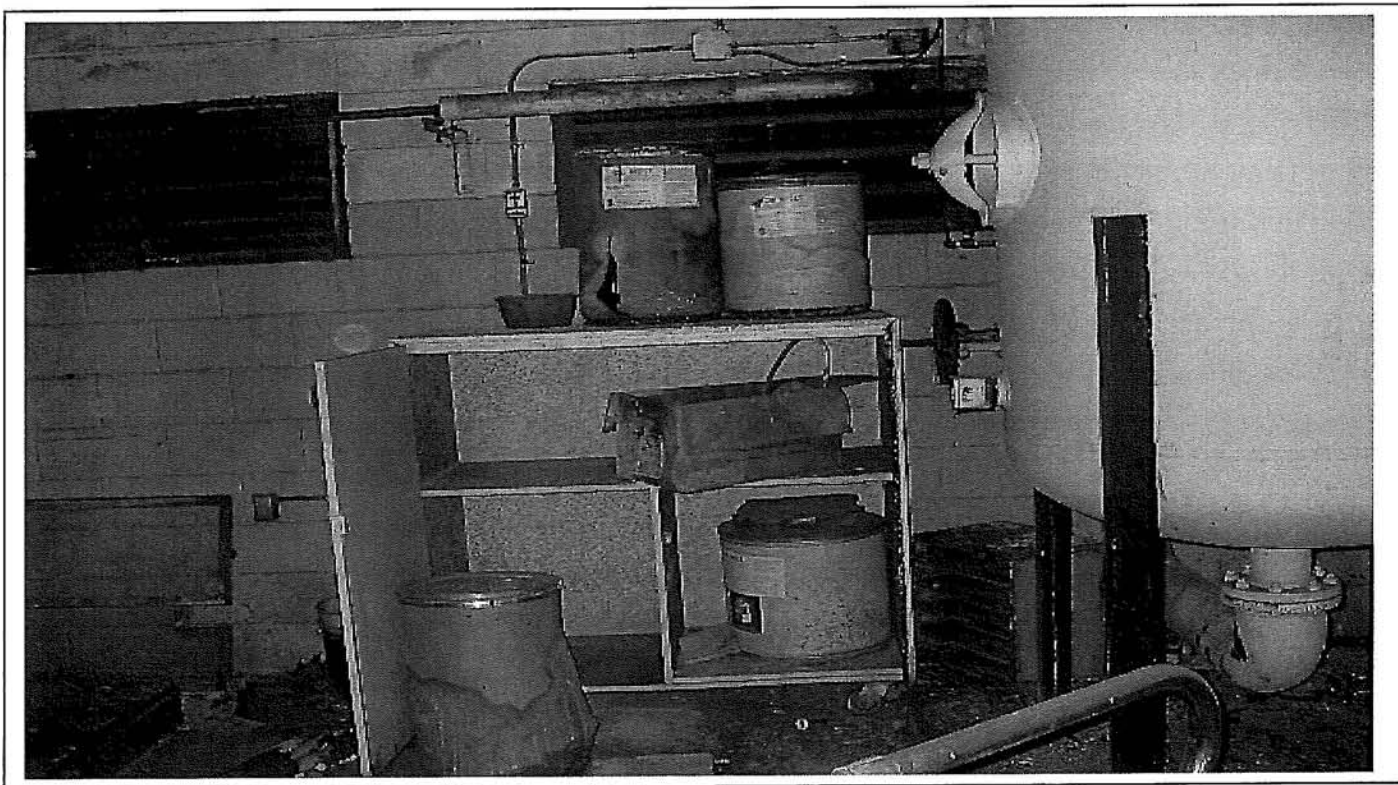


Photo 14: 5-gallon containers located in Power Plant.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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Photo 15: Former UST farm outside of Power Plant.



Photo 16: Oil leaking containers located in Power Plant.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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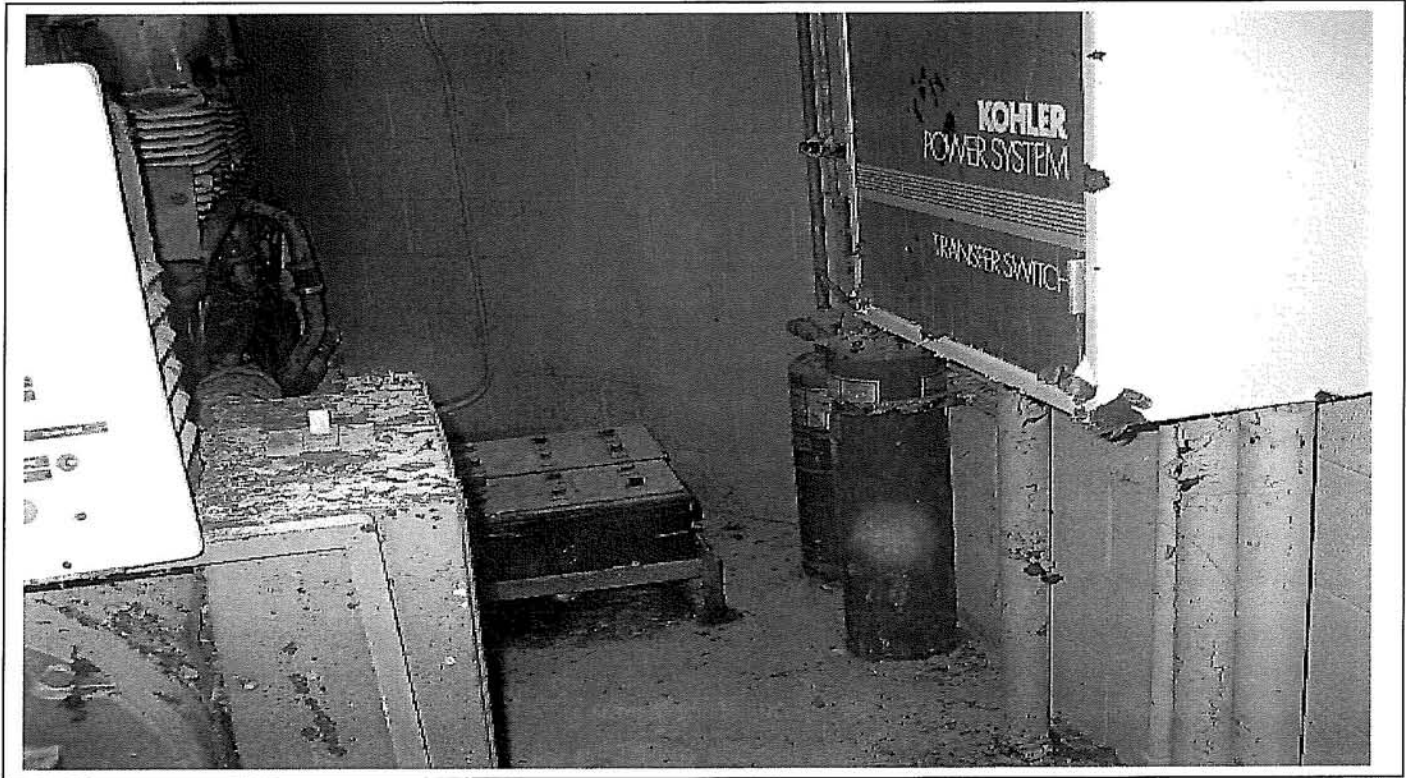


Photo 17: Industrial batteries and fire extinguisher located in Therapy Building.



Photo 18: 1 gallon container of chemical located in Therapy Building.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>PHOTO LOG</i></p>
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**Appendix C-3
Photographic Log**

Asbestos Containing Materials Survey Photos

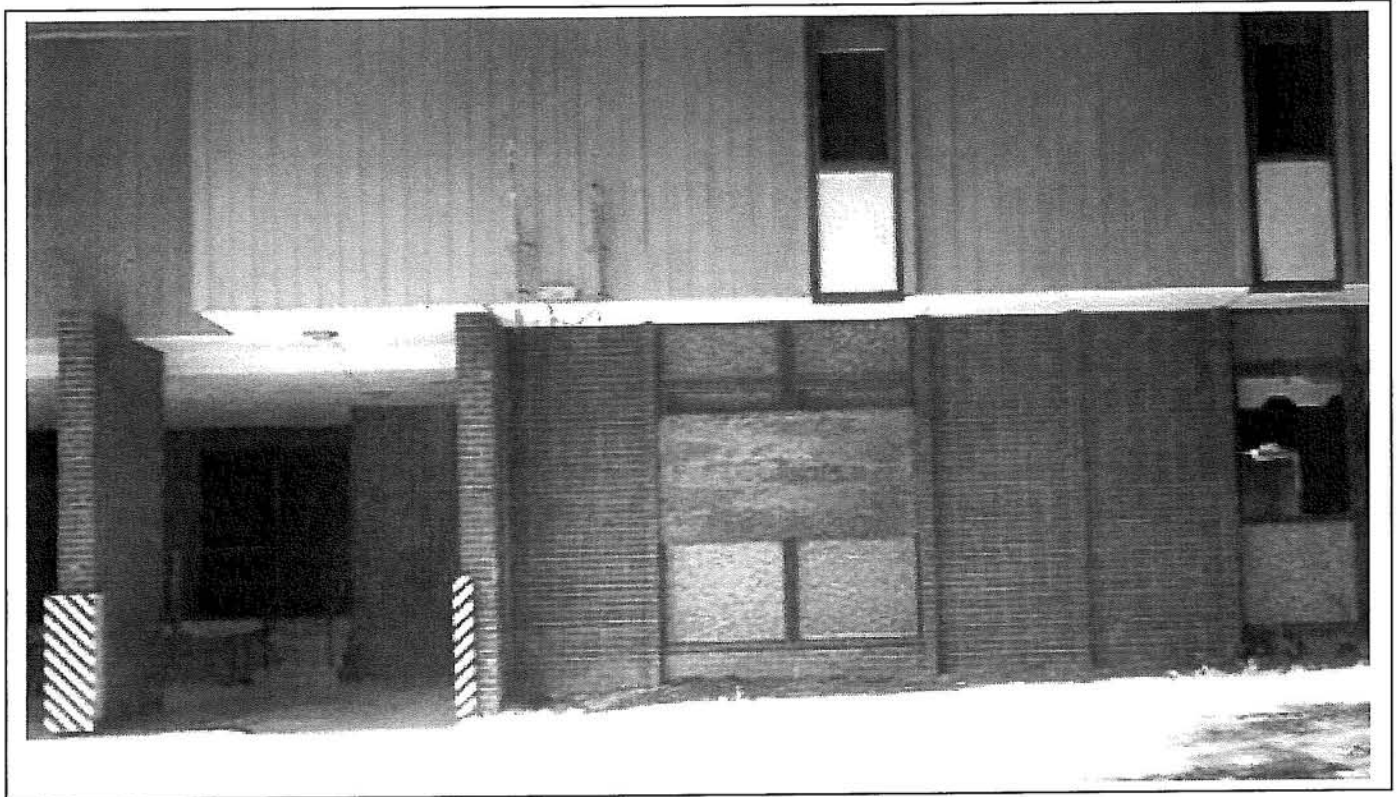


Photo 1: Typical Window Caulking, Cementitious (Transite) Window Panels, and Soffit Panels.

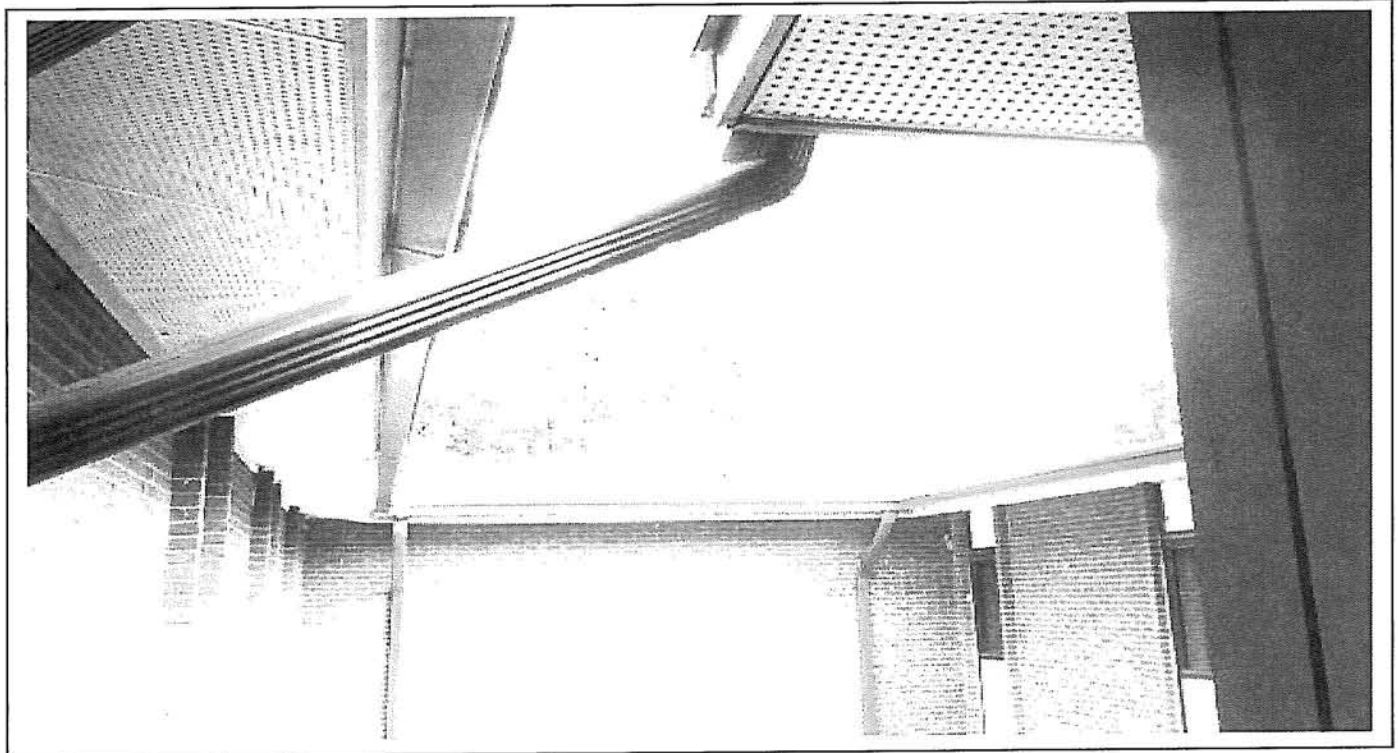


Photo 2: Typical Cementitious (Transite) Soffit Panels.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>ACBM PHOTO LOG</i></p>
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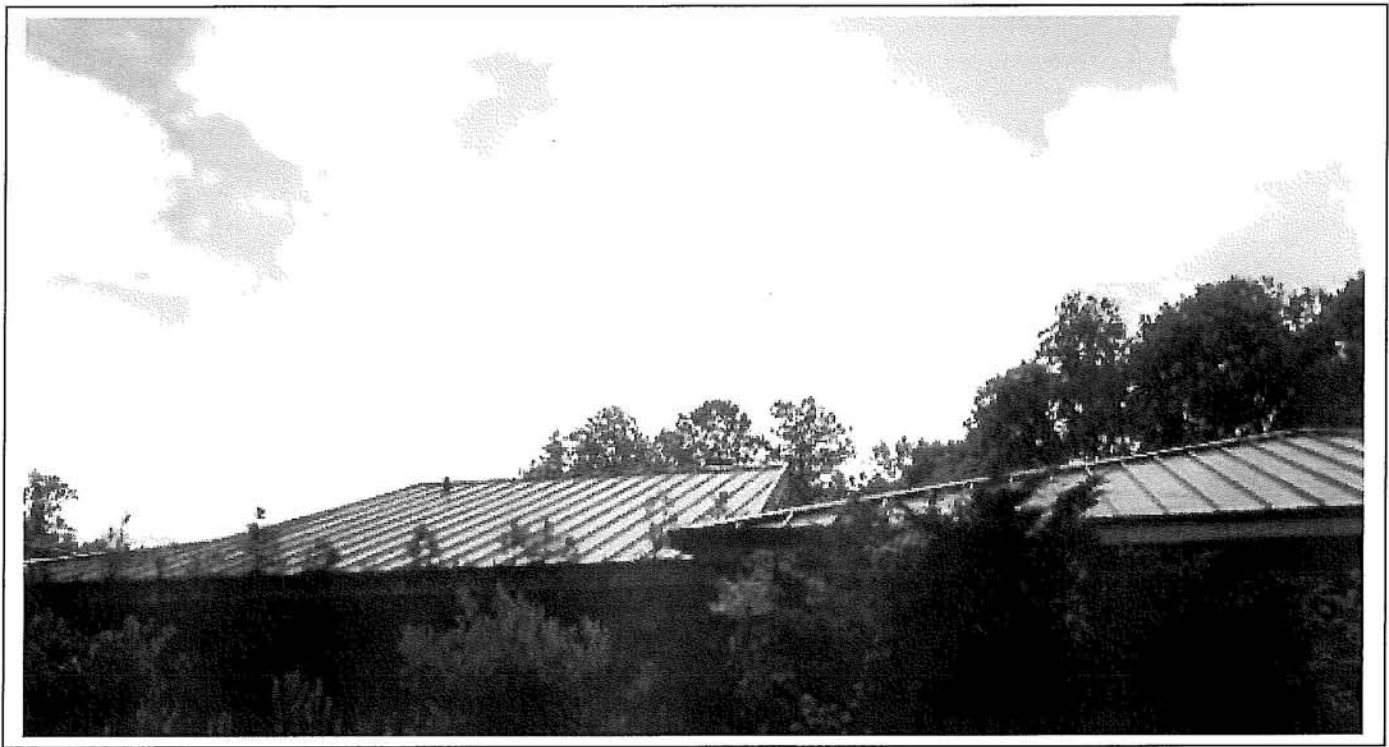


Photo 3: Typical metal roof with ACM Flashing Material.

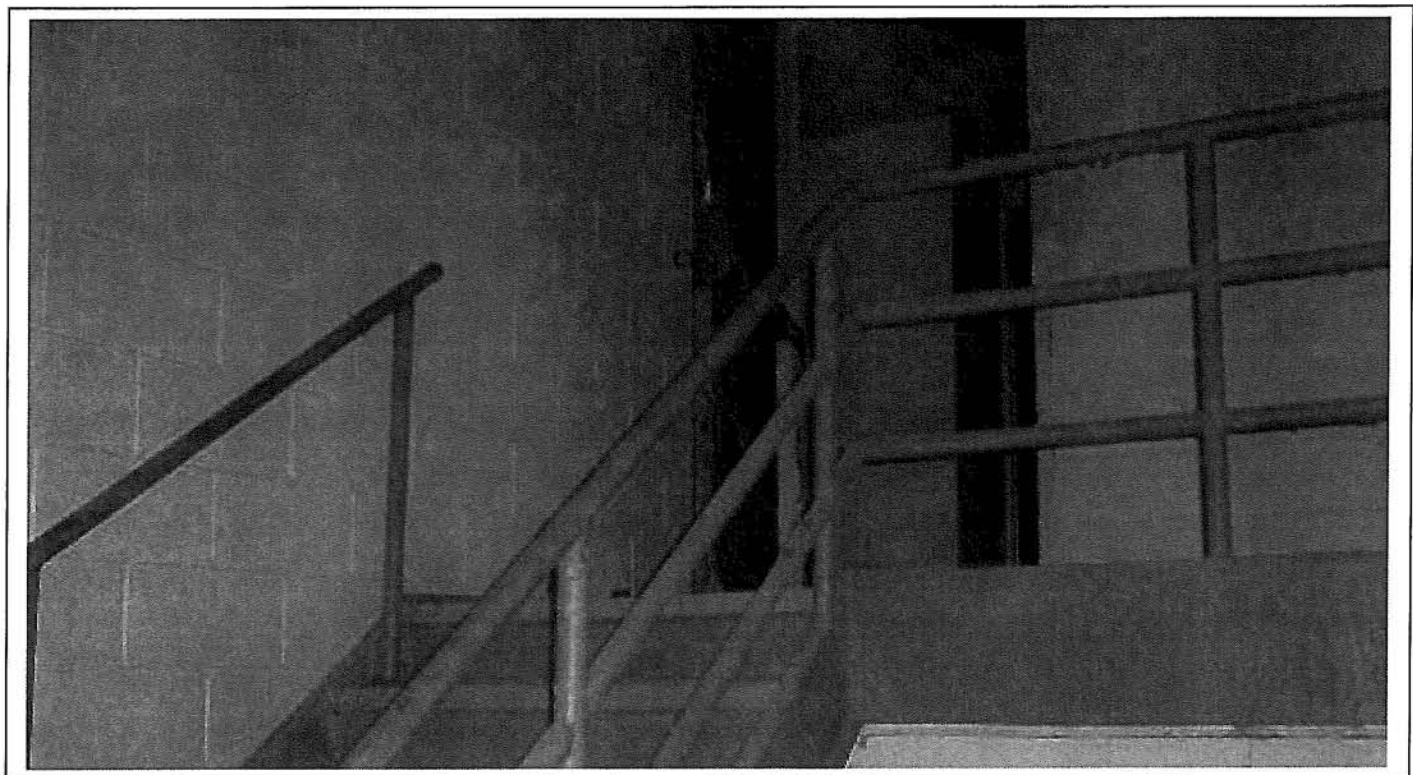


Photo 4: Typical Fire Door with Insulation containing ACM.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>ACBM Photo Log</i></p>
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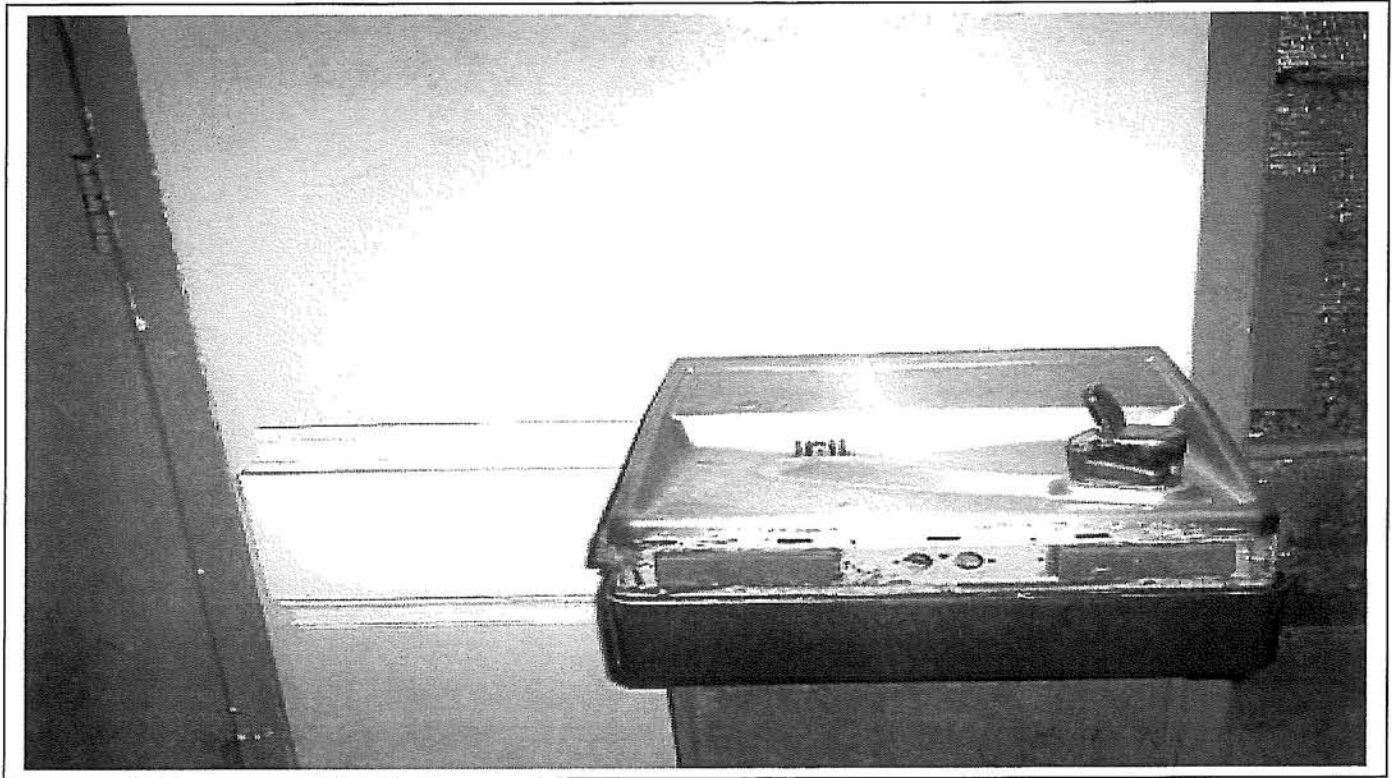


Photo 5: Water fountain with undercoating containing ACM.



Photo 6: Typical sink with undercoating containing ACM.

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>ACBM PHOTO LOG</i></p>
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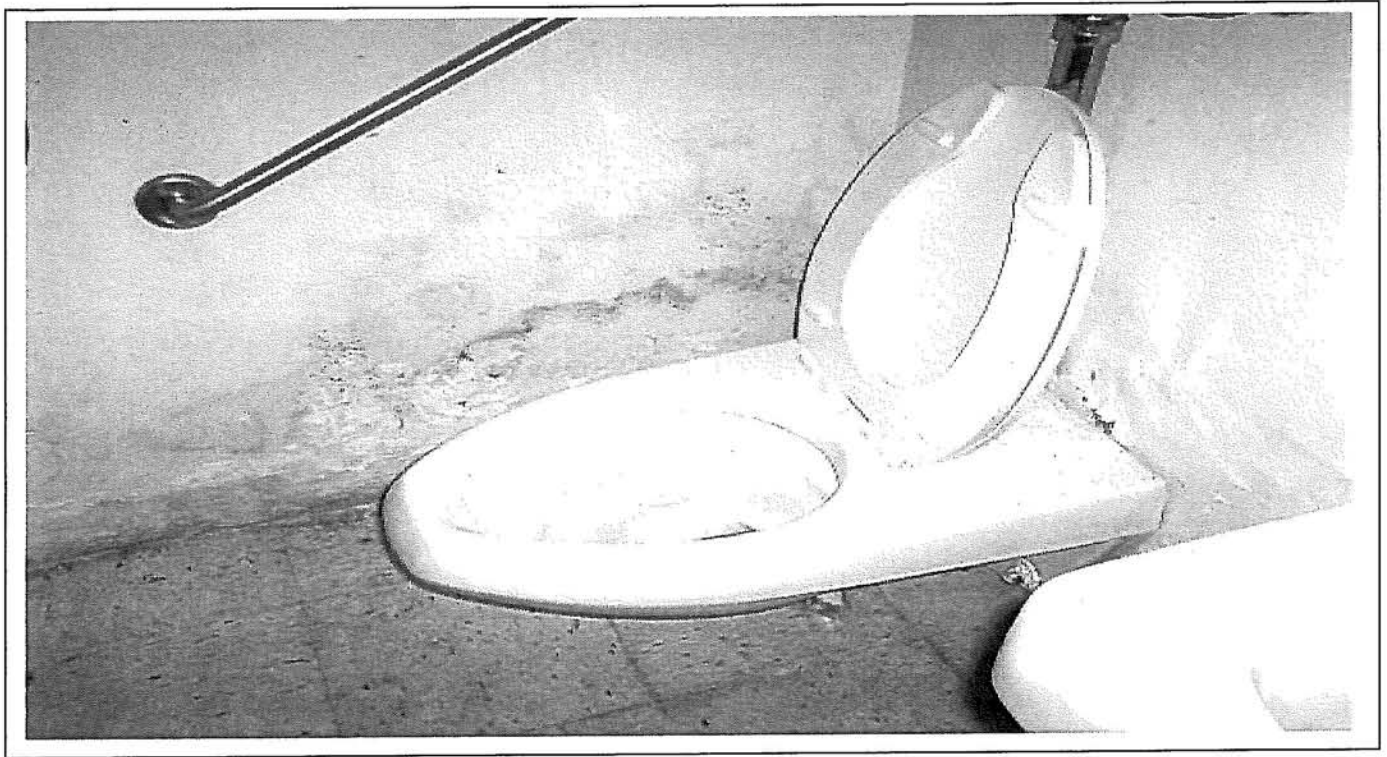


Photo 7: Typical 12" x 12" floor tile/mastic containing ACM.



Photo 8: Structural steel I-beam with Spray-applied Fireproofing containing ACM.

*I don't think
this is correct
DS*

SITE PHOTOGRAPHS

Photographs taken by: Dwayne Cheatom

C.E.R.M. Project # 11-0862-034

**CORPORATE ENVIRONMENTAL
RISK MANAGEMENT, L.L.C.**

2115 MONROE DRIVE, SUITE 110
Atlanta, GA 30324
(678) 999-0173 Fax:(678) 999-0186

ACBM PHOTO LOG



Photo 9: Typical Fire Door with Insulation containing ACM.

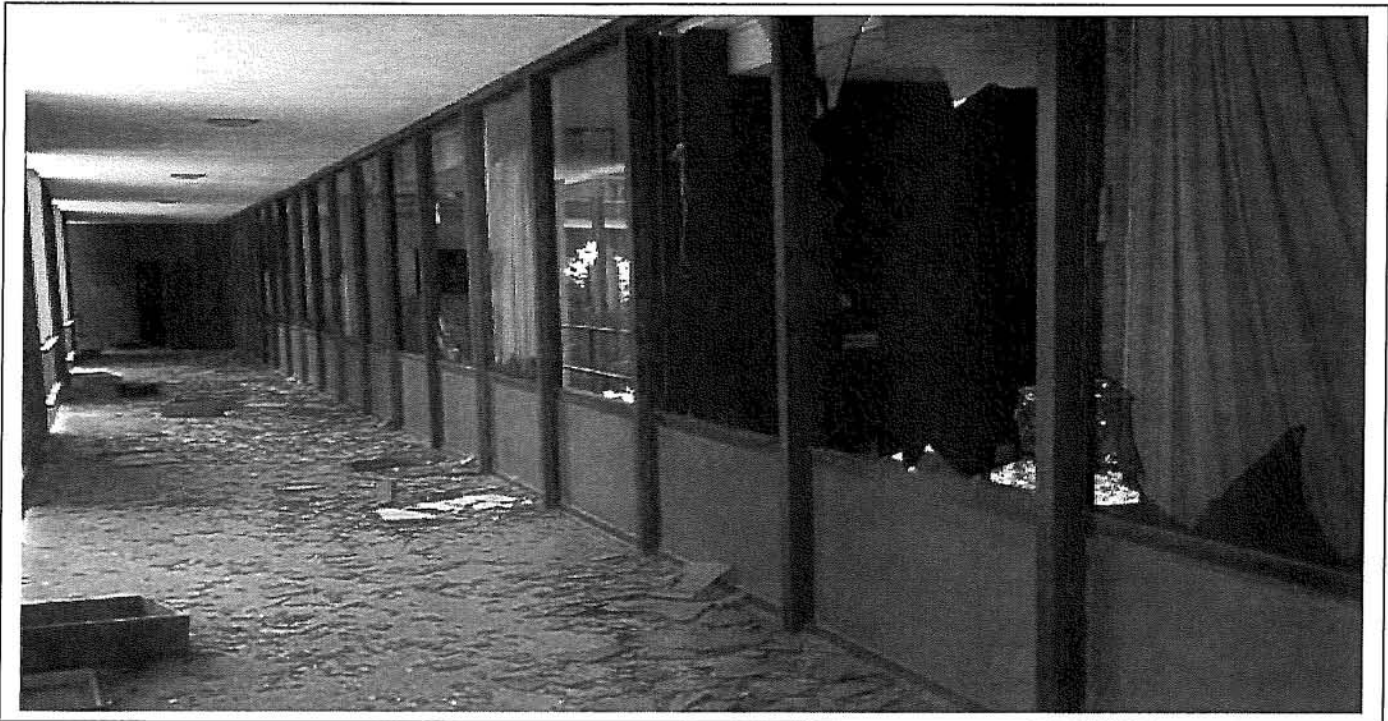


Photo 10: Typical interior panels constructed with Cementitious (Transite).

<p>SITE PHOTOGRAPHS</p> <p>Photographs taken by: Dwayne Cheatom</p> <p>C.E.R.M. Project # 11-0862-034</p>	<p>CORPORATE ENVIRONMENTAL RISK MANAGEMENT, L.L.C.</p> <p>2115 MONROE DRIVE, SUITE 110 Atlanta, GA 30324 (678) 999-0173 Fax:(678) 999-0186</p>	<p><i>ACBM PHOTO LOG</i></p>
--	---	------------------------------

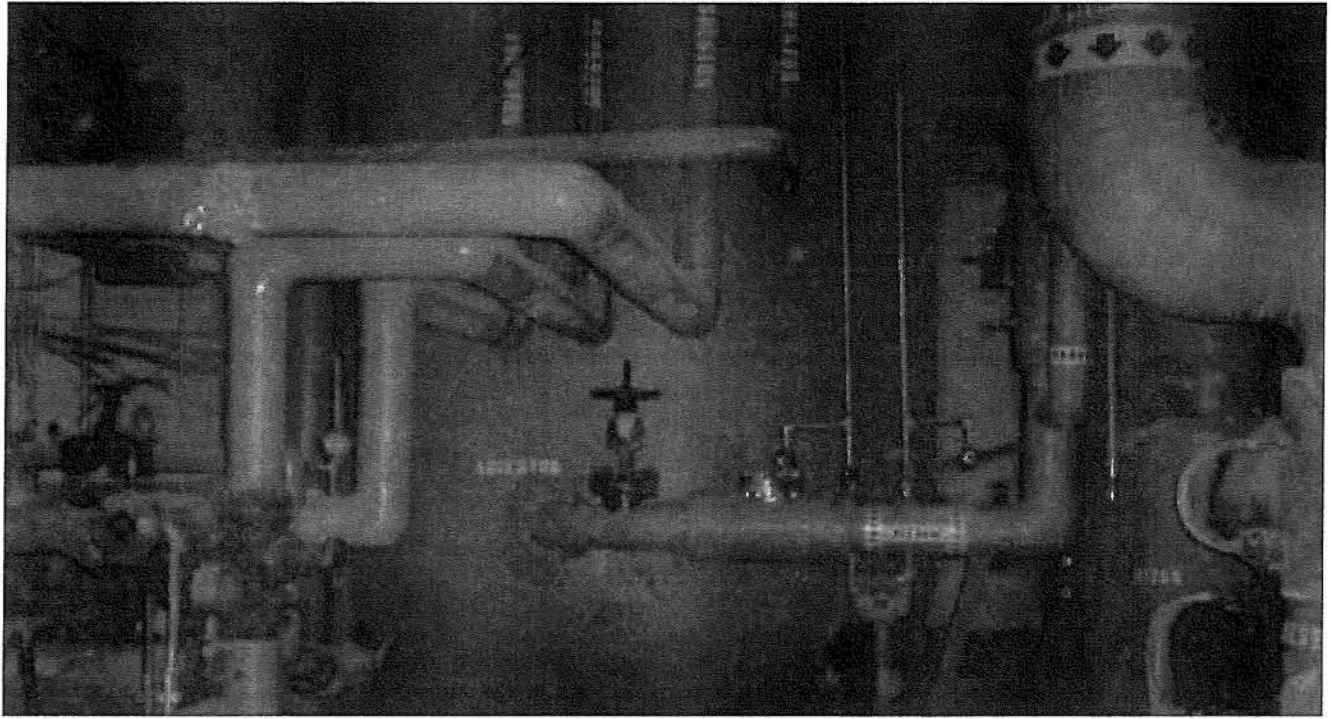


Photo 11: Typical Thermal System (Pipe Fitting) Insulation containing ACM.



Photo 12: Typical Fire Door with Insulation containing ACM scattered on the floor.

SITE PHOTOGRAPHS

Photographs taken by: Dwayne Cheatom

C.E.R.M. Project # 11-0862-034

**CORPORATE ENVIRONMENTAL
RISK MANAGEMENT, L.L.C.**

2115 MONROE DRIVE, SUITE 110
Atlanta, GA 30324
(678) 999-0173 Fax:(678) 999-0186

ACBM PHOTO LOG

Appendix D
Reference Documents

Appendix D-1
Reference Documents

References

References

- As Built Drawings Jones and Associates Architects and Engineers, circa 1966 rev
1993
- As Built Drawings Hartrampf Engineering, Inc., circa 1986
- Closure Report Georgia Environmental Facilities Authority, April 12, 1999
- Environmental Study Phase I ESA and Limited Sampling and Testing
Matrix Engineering Group dated February 5, 1998
- Guidance for Assessing and Managing Exposure to Asbestos in Buildings
EPA Document
- Water and Sewer Utility Information on CD, date unknown

Appendix D-2
Reference Documents

Records of Communications



C · E · R · M

RECORD OF COMMUNICATION

Date/Time of Communication: 9:39 am 06-06-06

Communication with: Dennis Holland/ Tracy Smallwood Title: Transmission Line Specialists

Company: Comcast Phone #: 770-559-6508

Subject: Brook Run Facility information

Project No.: 11-0862-034 Recorded by: Jeff Johnson

Communication Via :

<input type="checkbox"/>	In Person
<input type="checkbox"/>	During Site Inspection
<input checked="" type="checkbox"/>	Phone Conversation
<input type="checkbox"/>	Other _____

Summary Of Discussion:

No response to message left.

Action Taken, Required, or Recommended:

Further action is required.



C · E · R · M

RECORD OF COMMUNICATION

Date/Time of Communication: 9:39 am 06-06-06

Communication with: Gilbert String Title: Damage Prevention Eng.

Company: ATL Gas Light Phone #: 770-493-2072

Subject: Brook Run Facility information

Project No.: 11-0862-034 Recorded by: Jeff Johnson

Communication Via :

<input type="checkbox"/>	In Person
<input type="checkbox"/>	During Site Inspection
<input checked="" type="checkbox"/>	Phone Conversation
<input type="checkbox"/>	Other _____

Summary Of Discussion:

No response to message left.

Action Taken, Required, or Recommended:

Further action is required.



RECORD OF COMMUNICATION

Date/Time of Communication: 9:25 am 06-06-06

Communication with: Keith Howell Title: Transmission Engineer

Company: Bellsouth Phone #: 770-493-2651

Subject: Brook Run Facility information

Project No.: 11-0862-034 Recorded by: Jeff Johnson

Communication Via :

<input type="checkbox"/>	In Person
<input type="checkbox"/>	During Site Inspection
<input checked="" type="checkbox"/>	Phone Conversation
<input type="checkbox"/>	Other _____

Summary Of Discussion:

CAD drawing, field sketches, or any exact line and box locations are not available from Bellsouth at this time. This is related to heightened regulations that are coincident with the creation of our national Homeland Security.

Action Taken, Required, or Recommended:

No further action is required.

Appendix D-3
Reference Documents

Design Tickets for Utilities Protection Center

00001 GAUPC 05/17/06 12:12:01 05176-061-045-000 DESIGN

Underground Notification

Ticket : 05176-061-045 Date: 05/17/06 Time: 11:21 Revision: 000

State: GA County: DEKALB Place: ATLANTA
 Addr : From: To: Name: POWER DR

Cross: From: To: Name:

Offset:

Subdivision:

RR Subdivision: RR Marker: Mile Marker:

Locat: LOCATE ENTIRE PROPERTY AND WITHIN THE R/O/W OF THE ABANDON BUILDING NO
 : ADDRESS OFF POWER DR

Grids : 3355A8417A 3355A8418D

Work type: DESIGN

Work date: 05/22/06 Time: 07:00 Hrs notc: 115 Priority: 7

Legal day: 05/22/06 Time: 07:00 Good thru: 06/07/06 Restake by: 06/02/06

RespondBy: 05/19/06 Time: 23:59 Duration : UNK

Done for : DEKALB COUNTY

Crew on Site: N White-lined: N Railroad: N Blasting: N Boring: Y

Remarks : THE ADDRESS FOR THE COMPLEX IS 4770 N PEACHTREE RD CALLER WILL TRY
 : TO GET THE ADDRESS// S GEORGIA WAY AKA BROOK RUN AVE ON THE GOOGLE
 : MAPS
 : *** NEAR STREET *** S GEORGIA WAY
 : *** WILL BORE NONE
 : THIS INFORMATION HAS NOT BEEN VERIFIED BY THE UTILITIES PROTECTION CEN
 : AND IS NOT WARRANTED FOR ANY PURPOSE. THIS INFORMATION IS FURNISHED
 : SOLELY AS AN ACCOMMODATION TO THE REQUESTING PARTY WHO WARRANTS THAT I
 : SHALL NOT BE USED IN CONNECTION WITH ANY EXCAVATION OR OTHER WORK COVE
 : BY TITLE 25, CHAPTER 9 OF THE OFFICIAL CODE OF GEORGIA ANNOTATED.
 : *** LOOKUP BY MANUAL

Company : C.E.R.M., LLC Type: CONT
 Co addr : 2115 MONROE DR
 Co addr2: STE 110
 City : ATLANTA State : GA Zip: 30324
 Caller : JEFF JOHNSON Phone : 678-999-0173
 Fax : 678-999-0186 Alt. Ph.:

Submitted date: 05/17/06 Time: 11:21 Oper: 061 Chan: 999

Mbrs :

AGL123 ATLANTA GAS LIGHT PEACHTREE GAS
 LANDY EWINGS
 Day Voice 770-455-4931

AGLN01 AGL NETWORKS, LLC Telecommunication

3NE BELLSOUTH Telecommunication
 BOBBY FEREBEE

Day Voice 404-358-0897

COMCEN COMCAST COMMUNICATIONS
TRACY SMALLWOOD

CATV

Day

Voice

770-559-6879

⁶⁵⁰⁸

Dennis Holland

DCWS01 DEKALB COUNTY WATER
ERICA KING

WATER

Day

Voice

770-724-1481

DCWS02 DEKALB COUNTY SEWER
ERICA KING

SEWER

Day

Voice

770-724-1481

GP804 GEORGIA POWER
CABLE LOCATING ANYONE

ELECTRIC

Day

Voice

404-506-6539

NU804 GEORGIA POWER
CABLE LOCATING ANYONE

ELECTRIC

Day

Voice

404-506-6539

00002 GAUPC 05/17/06 12:12:01 05176-061-046-000 DESIGN

Underground Notification

Ticket : 05176-061-046 Date: 05/17/06 Time: 11:56 Revision: 000

State: GA County: DEKALB

Place: ATLANTA

Addr : From:

To:

Name: S GEORGIA

WAY

Cross: From:

To:

Name:

Offset:

Subdivision:

RR Subdivision:

RR Marker:

Mile Marker:

Locat: LOCATE ENTIRE PROPERTY AND WITHIN THE R/O/W FOR THE TWO ABANDON

: BUILDING// NO ADDRESS OFF S GEORGIA WAY ALSO KNOWN AS BROOK RUN AVE ON

: GOOGLE MAP// ON THE EAST SIDE

Grids : 3355A8417A 3356D8417A 3355A8418D 3356D8418D

Work type: DESIGN

Work date: 05/22/06 Time: 07:00 Hrs notc: 115 Priority: 7

Legal day: 05/22/06 Time: 07:00 Good thru: 06/07/06 Restake by: 06/02/06

RespondBy: 05/19/06 Time: 23:59 Duration : UNK

Done for : DEKALB COUNTY

Crew on Site: N White-lined: N Railroad: N Blasting: N Boring: Y

Remarks : THE ADDRESS FOR THE COMPLEX IS 4770 N PEACHTREE RD CALLER WILL TRY

: TO GET THE ADDRESS// S GEORGIA WAY AKA BROOK RUN AVE ON THE GOOGLE

: MAPS

: *** NEAR STREET *** CHERRY TREE LN

: *** WILL BORE NONE

: THIS INFORMATION HAS NOT BEEN VERIFIED BY THE UTILITIES PROTECTION CEN

: AND IS NOT WARRANTED FOR ANY PURPOSE. THIS INFORMATION IS FURNISHED

: SOLELY AS AN ACCOMMODATION TO THE REQUESTING PARTY WHO WARRANTS THAT I

: SHALL NOT BE USED IN CONNECTION WITH ANY EXCAVATION OR OTHER WORK COVE

: BY TITLE 25, CHAPTER 9 OF THE OFFICIAL CODE OF GEORGIA ANNOTATED.

: *** LOOKUP BY MANUAL

Company : C.E.R.M., LLC

Type: CONT

Co addr : 2115 MONROE DR

Co addr2: STE 110

City : ATLANTA

State : GA Zip: 30324

Caller : JEFF JOHNSON

Phone : 678-999-0173

Fax : 678-999-0186

Alt. Ph.:

Submitted date: 05/17/06 Time: 11:56 Oper: 061 Chan: 999

Mbrs :

AGL123 ATLANTA GAS LIGHT PEACHTREE GAS

LANDY EWINGS

Day

Voice 770-455-4931

BSNE BELLSOUTH

Telecommunication

BOBBY FEREBEE

Day

Voice 404-358-0897

COMCEN	COMCAST COMMUNICATIONS		CATV	
	TRACY SMALLWOOD			
		Day	Voice	770-559-6879
DCWS01	DEKALB COUNTY WATER		WATER	
	ERICA KING			
		Day	Voice	770-724-1481
DCWS02	DEKALB COUNTY SEWER		SEWER	
	ERICA KING			
		Day	Voice	770-724-1481
GP804	GEORGIA POWER		ELECTRIC	
	CABLE LOCATING ANYONE			
		Day	Voice	404-506-6539
NU804	GEORGIA POWER		ELECTRIC	
	CABLE LOCATING ANYONE			
		Day	Voice	404-506-6539

00003 GAUPC 05/17/06 12:12:02 05176-061-047-000 DESIGN

Underground Notification

Ticket : 05176-061-047 Date: 05/17/06 Time: 12:02 Revision: 000

State: GA County: DEKALB Place: ATLANTA
Addr : From: To: Name: N GEORGIA WAY

Cross: From: To: Name:

Offset:

Subdivision:

RR Subdivision: RR Marker: Mile Marker:

Locat: LOCATE ENTIRE PROPERTY AND WITHIN THE R/O/W FOR THE ABANDON BUILDING
: LOCATED ON THE SOUTH SIDE OF N GEORGIA WAY AKA BROOKSIDE DR

Grids : 3355A8417A 3356D8417A 3355A8418D 3356D8418D 3355A8418C

Grids : 3356D8418C

Work type: DESIGN

Work date: 05/22/06 Time: 07:00 Hrs notc: 114 Priority: 7

Legal day: 05/22/06 Time: 07:00 Good thru: 06/07/06 Restake by: 06/02/06

RespondBy: 05/19/06 Time: 23:59 Duration : UNK

Done for : DEKALB COUNTY

Crew on Site: N White-lined: N Railroad: N Blasting: N Boring: Y

Remarks : THE ADDRESS FOR THE COMPLEX IS 4770 N PEACHTREE RD CALLER WILL TRY
: TO GET THE ADDRESS// S GEORGIA WAY AKA BROOK RUN AVE ON THE GOOGLE
: MAPS
: *** NEAR STREET *** AZALEA DR
: *** WILL BORE NONE
: THIS INFORMATION HAS NOT BEEN VERIFIED BY THE UTILITIES PROTECTION CEN
: AND IS NOT WARRANTED FOR ANY PURPOSE. THIS INFORMATION IS FURNISHED
: SOLELY AS AN ACCOMMODATION TO THE REQUESTING PARTY WHO WARRANTS THAT I
: SHALL NOT BE USED IN CONNECTION WITH ANY EXCAVATION OR OTHER WORK COVE
: BY TITLE 25, CHAPTER 9 OF THE OFFICIAL CODE OF GEORGIA ANNOTATED.
: *** LOOKUP BY MANUALCompany : C.E.R.M., LLC Type: CONT
Co addr : 2115 MONROE DR
Co addr2: STE 110
City : ATLANTA State : GA Zip: 30324
Caller : JEFF JOHNSON Phone : 678-999-0173
Fax : 678-999-0186 Alt. Ph.:

Submitted date: 05/17/06 Time: 12:02 Oper: 061 Chan: 999

Mbrs :

AGL123 ATLANTA GAS LIGHT PEACHTREE GAS
LANDY EWINGS
Day Voice 770-455-4931BSNE BELLSOUTH Telecommunication
BOBBY FEREBEE
Day Voice 404-358-0897

COMCEN	COMCAST COMMUNICATIONS		CATV	
	TRACY SMALLWOOD			
		Day	Voice	770-559-6879
DCWS01	DEKALB COUNTY WATER		WATER	
	ERICA KING			
		Day	Voice	770-724-1481
DCWS02	DEKALB COUNTY SEWER		SEWER	
	ERICA KING			
		Day	Voice	770-724-1481
GP804	GEORGIA POWER		ELECTRIC	
	CABLE LOCATING ANYONE			
		Day	Voice	404-506-6539
NU804	GEORGIA POWER		ELECTRIC	
	CABLE LOCATING ANYONE			
		Day	Voice	404-506-6539

00001 GAUPC 05/17/06 12:27:50 05176-061-048-000 DESIGN

Underground Notification

Ticket : 05176-061-048 Date: 05/17/06 Time: 12:07 Revision: 000

State: GA County: DEKALB

Place: ATLANTA

Addr : From: To: Name: THERAPY

DR

Cross: From: To: Name:

Offset:

Subdivision:

RR Subdivision:

RR Marker:

Mile Marker:

Locat: LOCATE ENTIRE PROPERTY AND WITHIN THE R/O/W FOR THE ABANDON BUILDING

: LOCATED ON THE NORTH SIDE OF THERAPY DR AKA CHERRY TREE LN ON THE GOOGLE

: MAP

Grids : 3355A8417A 3355B8418D 3355A8418D

Work type: DESIGN

Work date: 05/22/06 Time: 07:00 Hrs note: 114 Priority: 7

Legal day: 05/22/06 Time: 07:00 Good thru: 06/07/06 Restake by: 06/02/06

RespondBy: 05/19/06 Time: 23:59 Duration : UNK

Done for : DEKALB COUNTY

Crew on Site: N White-lined: N Railroad: N Blasting: N Boring: Y

Remarks : THE ADDRESS FOR THE COMPLEX IS 4770 N PEACHTREE RD CALLER WILL TRY

: TO GET THE ADDRESS// S GEORGIA WAY AKA BROOK RUN AVE ON THE GOOGLE

: MAPS

: *** NEAR STREET *** POWER DR

: *** WILL BORE NONE

: THIS INFORMATION HAS NOT BEEN VERIFIED BY THE UTILITIES PROTECTION CEN

: AND IS NOT WARRANTED FOR ANY PURPOSE. THIS INFORMATION IS FURNISHED

: SOLELY AS AN ACCOMMODATION TO THE REQUESTING PARTY WHO WARRANTS THAT I

: SHALL NOT BE USED IN CONNECTION WITH ANY EXCAVATION OR OTHER WORK COVE

: BY TITLE 25, CHAPTER 9 OF THE OFFICIAL CODE OF GEORGIA ANNOTATED.

Company : C.E.R.M., LLC

Type: CONT

Co addr : 2115 MONROE DR

Co addr2: STE 110

City : ATLANTA

State : GA Zip: 30324

Caller : JEFF JOHNSON

Phone : 678-999-0173

Fax : 678-999-0186

Alt. Ph.:

Submitted date: 05/17/06 Time: 12:07 Oper: 061 Chan: 999

Mbrs :

AGL123 ATLANTA GAS LIGHT PEACHTREE GAS

LANDY EWINGS

Day

Voice

770-455-4931

BSNE BELLSOUTH

Telecommunication

BOBBY FEREBEE

Day

Voice

404-358-0897

DCTS01	DEKALB COUNTY TRAFFIC & SAFETY VINCE COOPER	TRAFFIC
	Day	Voice 404-297-3946
DCWS01	DEKALB COUNTY WATER ERICA KING	WATER
	Day	Voice 770-724-1481
DCWS02	DEKALB COUNTY SEWER ERICA KING	SEWER
	Day	Voice 770-724-1481
GP804	GEORGIA POWER CABLE LOCATING ANYONE	ELECTRIC
	Day	Voice 404-506-6539
ICG01	XSPEDIUS MANAGEMENT CO LLC JUNIOR CARTER	Telecommunication
	Day	Voice 205-288-6836
NU804	GEORGIA POWER CABLE LOCATING ANYONE	ELECTRIC
	Day	Voice 404-506-6539

HAZARDOUS MATERIALS ASSESSMENT REPORT

**Brook Run Facility
4770 North Peachtree Road
Dunwoody, GA**

**Final
September 2006**

Prepared By:

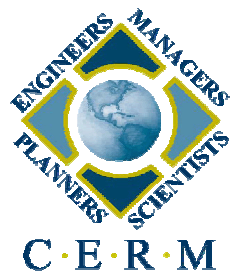


Table of Contents

<u>Section</u>	<u>Page</u>
1.0 Introduction	2
1.1 Project Purpose and Need	2
2.0 Unlabeled Drums and/or Containers	2
2.1 On-site Underground Storage Tanks	4
3.0 Common Hazardous Building Materials	4
3.1 Lighting.....	6
3.1.1 Outdoor Lighting	6
3.1.2 Emergency Lighting and Exit Signs	7
3.1.3 Electrical Switching Mechanism.....	7
3.2 Battery Containing Devices.....	8
3.3 Lead Devices and Objects	8
3.4 Asbestos Containing Material	9
3.5 Creosote.....	9
4.0 Benefits of Hazardous Waste Removal.....	9
5.0 Conclusion and Recommendation	11

List of Tables

<u>Table</u>	<u>Page</u>
Table 1: Analytical Results	3
Table 2: Potentially Hazardous Building Material	5

Appendices

EXHIBIT A: LABORATORY ANALYSIS

1.0 Introduction

This report presents the Hazardous Material Assessment components associated with the proposed demolition of five (5) of the 21 buildings located on the Brook Run Complex. The subject buildings for this report are the Brook Run Therapy Building (a.k.a Cherry Tree Complex), Power Plant, and three (3) on-site cottages, here after referred to as the Brook Run Facilities.

Hazardous materials are those hazardous substances, wastes, and constituents as defined by the United States Environmental Protection Agency (EPA) and Environmental Protection Division of the Georgia Department of Natural Resources (GAEPD). Hazardous materials pose a potential or substantial hazard to human health and the environment. This report is necessary to identify and address the known and suspected hazardous materials located in the Brook Run Facilities, in an effort to minimize the risk of exposure during the pre-demolition and demolition of these buildings. Further, this report augments the *Property Conditions Assessment* (PCA) report, and makes necessary recommendations to abate and dispose of said materials.

1.1 Project Purpose and Need

The purpose of this Assessment is to identify, prior to demolition, the presence of known and suspected hazardous materials that could potentially pose material threat to the environment and/or personnel if improperly handled or disposed during the demolition process. More so, this assessment helps manage DeKalb County's risks, and the risks to personnel from any hazardous materials that could be inadvertently spilled, ignited, ingested, and/or improperly disposed of during the demolition process.

2.0 Unlabeled Drums and/or Containers

Several drums and containers were observed throughout the Brook Run Facilities, specifically in the Therapy Building's mechanical rooms, and Power Plant. C.E.R.M. visually inspected these drums and containers to determine, vessel integrity, content, and spillage. Some of the drums and containers were properly labeled and accompanied by Material Safety Data Sheets (MSDS), and appeared to be in fair condition. No spillage was observed. The labeled drums and containers contained unregulated constituents such as; adhesives, ice melt, calcium chloride, oil sweep, and old paint. Onsite, however,

were two drums which contained light ballasts. One of the drums appeared to have been tampered with, as remnants of the ballasts were scattered outside of the container. The contents of the other drum seemed to be in fair condition.

For disposal characterization of the unlabeled drums and containers, C.E.R.M. collected samples and submitted them for analysis of pesticides/herbicides (TCLP), Ignitability, EPA 8260 Volatile Scan, and RCRA metals at an accredited laboratory. The analytical results are summarized below in Table 1.

SAMPLE I.D.	HERBICIDES	PESTICIDES	MERCURY	ICP METALS <i>REPORTING LIMITS: 0.050 MG/L FOR LEAD 0.100 MG/L FOR SELENIUM</i>	VOLATILES	IGNITABILITY
1	BRL	BRL	BRL	BRL	BRL	BRL
2	BRL	BRL	BRL	BRL	BRL	BRL
3	BRL	BRL	BRL	Lead – 0.0543 mg/L Selenium – 0.297 mg/L	BRL	BRL
4	BRL	BRL	BRL	BRL	BRL	BRL
5	BRL	BRL	BRL	BRL	BRL	BRL
6	BRL	BRL	BRL	BRL	BRL	BRL
7	BRL	BRL	BRL	BRL	BRL	BRL
8	BRL	BRL	BRL	BRL	BRL	BRL
9	BRL	BRL	BRL	Lead – 0.0544 mg/L	BRL	BRL
10	BRL	BRL	BRL	Lead – 0.230 mg/L Selenium – 0.106 mg/L	BRL	BRL
11	BRL	BRL	BRL	BRL	BRL	BRL

Table 1 – Analytical Results

A detailed analysis of the laboratory results are located in Exhibit A, *Laboratory Analysis*, of this report.

2.1 On-Site Underground Storage Tanks

Based on information obtained from a previous Phase I ESA, prepared by Matrix Engineering Group, dated February 5, 1998, it appears that four (4) - 3,000 gallon underground storage tanks (UST) were located north of the Power Plant building. Reportedly, these tanks contained diesel oil #2 and were used for heating purposes.

As part of the aforementioned Phase I ESA, sampling of the soil and groundwater was conducted to determine whether the contents of the tanks were inadvertently released during their operation, whereby causing contamination to the soil and/or groundwater. In accordance with ASTM sampling procedures, Matrix Engineering Group collected soil and groundwater samples, where feasible, and analyzed each sample for Total Petroleum Hydrocarbon (TPH), Polynuclear Aromatic Hydrocarbon (PAH) and Benzene, Toluene, Ethyl Benzene, and Xylene (BTEX). The results of the chemical analysis concluded that neither soils nor the groundwater was contaminated as a result of the on-site USTs.

To that end, the Brook Run Facility (GAEPD I.D. # 4440092) underwent closure and removal of these tanks in 1999. The Georgia Environmental Facilities Authority (GEFA) and the GAEPD have issued a “complete closure” and “no further action required” status on this site.

No other USTs are known to exist on the Site.

3.0 Common Hazardous Building Materials

In general, there are some components encountered as part of demolition waste stream that contains hazardous materials and chemicals. Although these building components may be useful and beneficial to modern society, proper care must be taken upon their disposal. Most of these items may be easily removed prior to demolition. Thus with proper planning and foresight, a great majority of the environmental risk associated with the management of waste from a demolition project can be eliminated. Most hazardous building components can also be recycled by specialized processing facilities [See *PCA Report*].

Common hazardous building materials that may result in possible risk to human health and the environment when improperly managed include lamps, thermostats, and light switches containing

mercury; batteries from exit signs, emergency lights, and smoke alarms; lighting ballasts, hydraulic lifts, and electrical equipment which contain polychlorinated biphenyls (PCBs); and lead pipes and paints, and asbestos containing material (ACM). A summary of these components, their potential risks, and location in the Brook Run Facilities are presented in Table 2.

Table 2 – Potentially Hazardous Building Materials

BUILDING MATERIAL	ENVIRONMENTAL CONCERN	LOCATION
Fluorescent Light Bulbs	May contain mercury	Therapy Building, Power Plant, Cottages 3, 4, & 5.
High Intensity Discharge (HID) lamps	May contain mercury	Outside perimeter of Site and Power Plant
Thermostats	May contain mercury	Therapy Building, Power Plant, Cottages 3, 4, & 5.
Mercury-bearing wall switches	May contain mercury	Therapy Building, Power Plant, Cottages 3, 4, & 5.
Lighting Ballasts for fluorescent light bulbs and HID lamps, hydraulic lifts, and electrical equipment.	May contain Poly-chlorinated Biphenyls (PCBs) as well as other toxic chemicals such as bis(2-ethylhexyl)ester di(2-ethylhexyl)phthalate (DEHP)	Therapy Building, Power Plant, Cottages 3, 4, & 5.
Batteries encountered in emergency lighting, exit signs, security systems, and alarms.	May contain lead and cadmium (radioactive)	Therapy Building, Power Plant, Cottages 3, 4, & 5.
Suspect lead objects such as pipes and painted surfaces.	May contain lead	Therapy Building, Power Plant, Cottages 3, 4, & 5.
Floor/Ceiling tile and mastic, thermal system insulation, roofing material, etc.	May contain asbestos	Therapy Building, Power Plant, Cottages 3, 4, & 5. (See the ACM report for details)

When chemicals such as mercury, lead, and cadmium are disposed of, they may enter the environment and contaminate soil and groundwater.

As such, in many states, many of these materials are prohibited from disposal. Some examples are batteries, thermostats, PCB ballasts, and lamps in large quantities. It is recommended that the demolition contractor remove all such materials from a building prior to demolition.

3.1 Lighting

Many types of light bulbs are used in our daily lives. The standard incandescent bulb (or tungsten filament bulb) is the standard light bulb used by most common light fixtures in homes. These bulbs produce light by passing an electric current through a filament. Halogen bulbs produce greater amounts of light by the addition of a halogen gas to the inside of the bulb. Standard incandescent bulbs and halogen bulbs contain relatively inert material and their disposal is not a great concern.

Alternative types of bulbs (gas discharge bulbs) produce light when an electrical current is passed through them. Mercury vapor is extremely efficient in producing low-heat, energy-efficient light. Both fluorescent bulbs and HID lamps utilize mercury vapor. Fluorescent bulbs are used frequently in indoor environments and HID lamps provide bright light for indoor areas such as warehouses and supermarkets.

Located within the Brook Run Facilities was a combination of standard incandescent, halogen, and fluorescent bulbs, as well as HID lamps along the site's outer perimeter and in the power plant.

3.1.1 Outdoor Lighting

Outdoor lighting units typically require brighter light than indoor sources. Examples include streetlights and security lights. HID lamps are well suited for energy efficient outdoor applications. These lamps utilize mercury vapor and outdoor lighting units equipped with HID bulbs also require ballasts that possibly contain hazardous chemicals.

Suspect HID lighting was observed along the site's outer perimeter and in the power plant. Prior to demolition activities, the units may require further assessment and/or sampling and disposal in accordance with applicable local, state, and federal regulations.

Likewise, indoor fluorescent lighting and HID lighting units may also require the use of a ballast. Ballasts provide an initial starting voltage and current required to excite the gaseous atoms and control the electric current going to the lamp. Ballasts may contain chemicals such as PCBs that are hazardous to human health and the environment and should be disposed of in accordance with applicable local, state, and federal regulations. However, it is customary industry practices to dispose of unlabeled ballasts as if they were PCB containing.

3.1.2 Emergency Lighting and Exit Signs

Building safety codes require that emergency lights and exit signs be used in numerous structures. Backup power must be provided in order to operate these devices in the event of a power failure. Rechargeable batteries often provide such backup power. Both lead acid and nickel-cadmium batteries are found in use with emergency lighting and exit signs.

Incandescent or halogen bulbs are typically used in emergency lighting. Mercury-containing compact fluorescent bulbs are encountered in some exit sign lighting. Exit signs and emergency lighting in the Brook Run Facilities, may require further assessment and/or sampling and subsequent disposal in accordance with applicable local, state, and federal regulations.

3.1.3 Electrical Switching Mechanism

The ability of mercury to flow as a liquid at room temperature and its excellent properties for electrical conductance has resulted in this metal's use in a number of electrical switching mechanisms. Based on the date of construction of the Brook Run Facilities, it is likely that mercury is used in some of the on-site thermostats, light switches, and electrical relays.

Located within the Brook Run facilities is a substantial amount of electrical equipment. This equipment was used to support the day-to-day operations of the facility. In general, electrical equipment manufactured from 1932 to 1978 widely used PCBs. This type of equipment includes, but is not limited to, transformers and their bushings, capacitors, elevators, conveyor belts, regulators, electric light ballasts, and oil switches. Any equipment containing PCBs in their dielectric fluid at concentrations of greater than 50 ppm are subject to the PCB requirements.

Because sampling of this equipment was beyond the scope of services for this assessment, prior to demolition activities, these structures may require further assessment and/or sampling and subsequent disposal in accordance with applicable local, state, and federal regulations.

3.2 Other Battery Containing Devices

In addition to exit signs and emergency lights, batteries are also encountered in other components. Security alarm systems use batteries as a source of backup power. Smoke detectors and carbon monoxide detectors are powered by small battery sources. These devices could potentially cause harm to human health and the environment if improperly handled and/or disposed.

Also, randomly located in the Therapy Building and Power Plant of the Brook Run Facilities are industrial batteries used in past on-site operating practices. These batteries generally contain lead and if improperly handled and disposed, could cause harm to human health and the environment.

3.3 Lead Devices and Objects

Lead is found in a number of areas in manmade structures. Lead is used in roofing applications for flashing because of its structural characteristics and its ability to easily mold around objects. Lead flashing is often used to seal and protect clean-out pipes on the roofs of buildings.

Based on the date of construction of the Brook Run Facilities, it is not an unreasonable assumption that the buildings may have a substantial amount of lead pipe, paint, window sills, doorframes, and as noted on the "as-builts", lead-coated beams. Analytical results from the limited Lead in Drinking Water and Paints Investigation, performed in conjunction with the Phase I ESA dated 1998, confirmed that lead was detected in several of the paints and surface coating samples that were collected from the various structures. As objects painted with lead paint, such as doorframes or windowsills may be easily removed prior to the building's demolition, other objects such as piping and beams may require a higher level of effort and engineering controls to minimize the release of dust and paint-chip particles when these items are removed.

3.4 Asbestos Containing Material

Refer to the **Appendix B**, *Asbestos Containing Material Report* for a detailed assessment of the on-site ACM.

3.5 Creosote

Beneath the foundation of the Therapy Building are wood pilings. The primary purpose of pilings is to transfer the weight of a building from the unstable surface soils to deeper, more stable layers. These pilings could potentially have adversely impacted the soils and groundwater on the site, as the “as-built” drawings indicate they are creosote pilings.

Creosote is a mixture of many chemicals created by high-temperature treatment of beech and other woods, coal, or from the resin of the creosote bush. Creosote is used in wood preservatives, pesticides, and herbal remedies. Coal tar creosote is the most widely used wood preservative in the United States. It is used in log homes, railroad ties, telephone poles, bridges, fence posts, etc. It is also used as a pesticide, insecticide, and fungicide, and in medicines

Exposure to creosote may have minor to serious health effects, depending on how long you were exposed, how intense the exposure was, your age and your health history.

Therefore, proper engineering controls to minimize the exposure of creosote when these items are removed should be strictly adhered to. Subsequently remediation may be applicable.

4.0 Benefits of Hazardous Waste Removal

The benefits of removing hazardous building components from structures prior to demolition are many. Some of the benefits include, but are not limited to; the demolition contractor and the client greatly minimizing future liability as a result of waste disposed from a demolition project, the materials recycled during demolition may retain a higher market value, worker safety at the demolition and the disposal or recycling site is improved, and the removal of chemicals such as lead, mercury, cadmium, and PCBs from demolition prevents their release into the environment.

In addition to complying with necessary regulations, perhaps the largest benefit to the client is a greatly reduced liability for the waste that is generated. If demolition waste from a project is sent to a landfill and groundwater contamination results from chemicals in the waste, the demolition contractor and the client could potentially be held financially responsible for any cleanup efforts undertaken.

5.0 Conclusion and Recommendations

The Hazardous Materials Assessment of the Brook Run Facilities was conducted to evaluate potential hazardous materials and/or current on-site conditions that have or have the potential to cause harm to human health and/or the environment prior, during, or post demolition activities.

C.E.R.M. evaluated the facilities and identified a number of suspect building materials and constituents that will require abatement and/or special handling prior to demolition activities. These materials and constituents are identified in Table 2 of this report. Likewise, Table 1 summarizes the analytical results of the on-site drums and containers that had inadequate labeling. Those containers found to have hazardous materials will require proper handling and disposal in accordance with applicable rules and regulations.

The predominant contaminants of concern identified in this assessment were, PCBs, metals (lead, nickel, etc.), asbestos, and chemicals associated with the many on-site electrical systems.

The federal laws that address the handling and disposal of these contaminants can be found in Resource Conservation Recovery Act (RCRA), Toxic Substance Control Act (TSCA), the Universal Waste Rule (UWR), and Comprehensive Environmental Response Compensation and Liability Act (CERCLA).

According to RCRA, demolition contractors who remove hazardous materials for disposal are hazardous waste generators. The rules for hazardous waste generators are found in 40 CFR Part 262. If the demolition contractor ships the waste for disposal the contractor is a hazardous waste transporter. Rules for hazardous waste transporters are found in 40 CFR Part 263. It is important for demolition contractors to determine what hazardous waste generator category they fall under. Generators of small amounts of hazardous waste are not subject to the full RCRA hazardous waste regulation.

PCB ballasts are regulated by TSCA, which can be found in 40 CFR Part 261. TSCA addresses the transportation, disposal, and spill clean-up of PCB containing ballasts. The EPA recommends packing and sealing the intact ballasts in 55- gallon drums. One drum holds 150 to 300 ballasts depending on how tightly the ballasts are packed. It is estimated that a total of 25 drums containing ballast will need to be removed and disposed of from the Brook Run Facilities. Disposal cost can range between \$65 - \$150/drum.

CERCLA, also known as Superfund, is the major body of law that addresses clean-up of hazardous waste sites. Under CERCLA, contractors who dispose of hazardous waste may be subject to notification requirements and future liability for hazardous wastes they dispose of.

The UWR was enacted to encourage the collection and recycling of certain hazardous wastes generated in small quantities by a large number of diverse generators. The UWR allows demolition contractors to follow less stringent rules for record keeping, labeling, transporting, and storing hazardous waste batteries, pesticides, and mercury thermostats. Individual states can add other wastes to this list if EPA gives approval.

GAEPD is the State's regulatory agency that is responsible for the development of the management of solid and hazardous waste programs. These programs typically provide guidance in regard to the required management practices. A detailed review of all such requirements was beyond the scope of this report.

In conclusion, the responsibility of determining what regulations must be followed falls to the generator of the waste. The building components discussed in this report have not been definitively characterized as hazardous (unless otherwise noted), however, in the absence of labeling, and or confirmation sampling, the most responsible action is to manage all such materials removed from the Brook Run Facilities as hazardous waste.

TABLE OF CONTENTS

I. LIST OF ACRONYMS3

II. LIST OF SITE DRAWINGS4

A. INTRODUCTION.....5

B. EXECUTIVE SUMMARY7

C. FACILITY ASSESSMENT.....9

1.0 SUMMARY OF RESULTS9

1.1 GENERAL DESCRIPTION10

1.2 GENERAL PHYSICAL CONDITION.....11

1.3 IDENTIFIED DEFICIENCIES AND OPINIONS OF PROBABLE COST11

1.4 DESIGNATIONS.....11

2.0 PURPOSE AND SCOPE10

3.0 SYSTEM DESCRIPTION AND OBSERVATIONS

3.1 OVERALL GENERAL DESCRIPTION14

3.2 SITE

3.3 STRUCTURAL FRAME AND BUILDING ENVELOPE18

3.4 MECHANICAL AND ELECTRICAL SYSTEMS20

3.5 FIRE PROTECTION SYSTEM.....22

3.6 VERTICAL TRANSPORTATION.....22

3.7 INTERIORS ELEMENTS (COMMON AREAS).....22

3.8 ADDITIONAL CONSIDERATIONS23

3.9 SALVAGE VALUES24

3.10 FUTURE USE EVALUATION.....35

4.0 DOCUMENT REVIEWS AND INTERVIEWS35

5.0 LIMITATIONS36

APPENDICES

Appendix A: Hazardous Materials Assessment Report

Appendix B: Asbestos Containing Materials Survey Report

Appendix C: Photographic Log

Appendix D: Reference Documents

Appendix E: Professional Registrations/ Certifications/ Qualifications

Appendix F: Site Drawings

LIST OF TABLES

- 1. Facilities Assessment Condition Summary.**
- 2. List of Typical Salvageable and/ or Scrap Equipment and Materials by Building.**
- 3. Salvage, Scrap Values, and Reuse Recommendations.**
- 4. Salvageable Items Information.**

I. LIST OF ACRONYMS

ABSL	Above mean sea level
ACM	Asbestos Containing Materials
ASTM	American Society of Testing Materials
BRL	Below Reportable Limit
BTEX	Benzene, Toluene, Ethel Benzene, Xylene
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
CMU	Concrete masonry unit
EPA	United States Environmental Protections Agency
FA	Facility Assessment
GAEPD	Georgia Department of Natural Resources Environmental Protection Division
GAB	Graded aggregate base
GEFA	Georgia Environmental Facilities Authority
HID	High Intensity Discharge
LBP	Lead-based Paint
MSDS	Material Safety Data Sheets
N/A	Not Applicable
NESHAP	National Emission Standards for Hazardous Air Pollutants
O.C.	On Center
PAH	Polynuclear Aromatic Hydrocarbons
PPM	Parts per million
PCBs	Polychlorinated biphenyls
RCP	Reinforced concrete pipe
RCRA	Resource Conservation Recovery Act
TPH	Total Petroleum Hydrocarbon
TSCA	Toxic Substance Control Act
UST	Underground Storage Tank
UWR	Universal Waste Rule

II. LIST OF SITE DRAWINGS

G1.0	Recommended General Notes and Legend
C1.0	Existing Conditions Plan
C1.1	Site Demolition Plan
C2.0	Sedimentation/Erosion Control Plan
C3.0	Details
AB1.0	Asbestos Plan-Power Plant Building
AB1.1	Asbestos Plan-Therapy Bldg. Ground Floor
AB1.2	Asbestos Plan- Therapy Bldg. 2nd Floor
AB1.3	Asbestos Plan- Therapy Bldg. 3rd. Floor
AB1.4	Asbestos Plan- Cottage Nos. 3 & 4
AB1.5	Asbestos Plan- Cottage No. 5
E1.0	Environmental Plan- Power Plant Building
E1.1	Environmental Plan- Therapy Building
E1.2	Environmental Plan - Therapy Bldg 2 nd Floor

A. INTRODUCTION

Dekalb County Parks and Recreation Department is tasked with managing the counties inventory of parks and greenspace and acquiring land to continue to the meet the recreational growth needs of the Counties' citizens. In 1998, in a land acquisition the County acquired for recreation and open space Brook Run Park in Dunwoody, Georgia. Previously the park property contained a state-managed hospital facility for the mentally impaired and the 102-acre campus included 21 buildings. Buildings on the site include the hospital, power plant, dormitories, theater, maintenance buildings, a greenhouse, and administration buildings. Five of these buildings have been designated for demolition, by Dekalb County, including the hospital, power plant, and three dormitories.

The *Pre-Demolition Property Conditions and Hazardous Materials Assessment* was performed to assess asbestos and other potentially hazardous materials and conditions so that mitigation of hazardous conditions and materials can occur prior to demolition of these structures and restoration of the site. Corporate Environmental Risk Management, LLC (CERM) was selected to lead the Assessment. The findings of the assessment will be used to further evaluate the requirements of hazardous material abatement and remediation and more importantly the level of effort required by the demolition contractors to demolish, remove and dispose of all waste materials to include hazardous and non-hazardous.

The assessment was conducted in three parts to include a comprehensive facilities assessment, a hazardous materials assessment, and an asbestos-containing material survey. The approach developed and implemented by CERM was to conduct the facilities assessment first using a qualified team of professionals with experience in property condition assessment, construction and building materials, asbestos sampling and remediation, lead-based paint risk assessment, and demolition. Allowing this Team to go in first captured all additional items of hazardous and asbestos-containing material concern that too needed to be addressed.

The facility assessment took into consideration square footage, construction type, foundation materials, framing materials, finishing materials, roofing and any other descriptives relevant to the dismantling and demolition of the structures. In addition, the facilities were surveyed for salvageable materials and items including but not limited to steel framing, copper, stainless steel furniture and appliances.

The assessment also provides recommendations for disconnecting and rerouting electrical, gas, telephone, water, and any other utilities either above or below ground based on future use and impacts to remaining structures requiring such services. Consideration was also given to construction entrances, security and safety during the demolition process. And lastly, because the southwest end of Brook Run is for passive recreation with no large permanent structures the assessment provided recommendations for site restoration including but not limited to backfilling, compacting, top dressing, grading, replanting and managing storm water.

The Hazardous Material Assessment and ACM Survey were performed simultaneously. The goal was to identify, quantify and locate potentially hazardous materials. All tanks, drums, cans, or other containers with unknown contents were sampled and characterized for disposal. UST system removal and disposal was also confirmed.

The purpose of the *Pre-Demolition Property Conditions and Hazardous Materials Assessment* was to assess more fully and prior to demolition of the designated structures, potentially hazardous materials; general building conditions; and salvage materials and values. This Report summarizes the findings of the Facility Assessment, Hazardous Materials Assessment, and Asbestos Containing Materials Survey conducted in support of the Assessment.

B. EXECUTIVE SUMMARY

Planning and managing the activities associated with assessing and removing hazardous waste means the likelihood of reusing former properties is increased and the capital and resources to restore the site is anticipated and properly funded. In addition to complying with necessary regulations, perhaps the largest benefit to the client is a greatly reduced liability for the waste that is generated. The benefits of removing hazardous building components from structures prior to demolition include the demolition contractor and the client greatly minimizing future liability as a result of waste disposed from a demolition project, the materials recycled during demolition may retain a higher market value, worker safety at the demolition and the disposal or recycling site is improved, and the removal of chemicals such as lead, mercury, cadmium, and PCBs from demolition prevents their release into the environment.

Corporate Environmental Risk Management, LLC conducted a Pre-Demolition Property Conditions and Hazardous Materials Assessment to assess asbestos and other potentially hazardous materials and conditions so that mitigation of hazardous conditions and materials can occur prior to demolition of these structures and restoration of the site. The findings of the assessment will be used to further evaluate the requirements of hazardous material abatement and remediation and more importantly the level of effort required by the demolition contractors to demolish, remove and dispose of all waste materials to include hazardous and non-hazardous.

The purpose of the Assessment was to fully assess, prior to demolition of the designated structures, potentially hazardous materials; general building conditions; and salvageable materials and values. The findings are summarized below by major tasks:

Facility Assessment. The Facility Assessment concluded that the general condition of the buildings is good and that there are significant salvageable materials, equipment and items in the Therapy Building, Power Plant, and Cottage Nos. 3, 4, and 5. While salvage equipment vendors are required to determine specific values, upon inspection, redeeming the items to offset the cost of demolition is expected to be cost beneficial to this project. Developing a scope to specifically oversee the salvage material inventory is recommended and can be accomplished prior to demolition.

Hazardous Materials Assessment. C.E.R.M. evaluated the facilities and identified a number of suspect building materials and constituents that will require abatement and/or special handling prior to demolition activities. The Hazardous Materials Assessment confirmed the contents of all unlabeled drums and containers and the cost and disposal remedy to meet demolition and disposal requirements. Common building materials were also addressed; these materials may require proper handling and disposal prior to demolition. Risk-based management practices are recommended and bulk sampling after demolition, by the waste trailer, to include common building materials is suggested. The predominant contaminants of concern identified in this assessment were, PCBs, metals (lead, nickel, etc.), asbestos, and chemicals associated with the many on-site electrical systems, refer to Appendix A.

Hazardous materials are those hazardous substances, wastes, and constituents as defined by the Environmental Protection Agency and Environmental Protection Division of the Georgia Department of Natural Resources. Hazardous materials pose a potential or substantial hazard to human health and the environment. This will assist in minimizing the risk of exposure during the pre-demolition and demolition of these buildings.

Asbestos Containing Material Survey. Laboratory analysis confirmed the presence of asbestos in 3' x 3' floor tiles, pipe fitting insulation, pipe run insulation, skim coat, linoleum flooring material, transit window panels, 1' x 1' ceiling tile, spray applied fireproofing, transite soffit panels, drywall compound, pipe elbows, HVAC vibration damper, 2' x 2' ceiling tile, fire door insulation, transite soffit overhang, window caulking, and 12" x 12" floor tile. Analytical results, quantities and a preliminary cost to abate the ACMs are provided in Appendix B.

C. FACILITY ASSESSMENT

1.0 PURPOSE AND SCOPE

The purpose of the FA is to observe and document the property's current physical condition to include five demolition-designated structures (Therapy Building, Power Plant Building, and Cottage 3, 4, and 5) at the subject property, interview sources, and review available documents. The purpose of the FA written report is to outline the observations, opinions relevant to the subject property's condition, and opinions of probable salvage and scrap values of potentially recyclable building materials.

This FA and written report were conducted in general conformity with the guidelines established by ASTM E2018-99 and according to direction provided and conversations with by Dekalb County personnel. The Assessment addressed six areas of concern (Tasks 1-3, 6-7 and 9), as identified by Dekalb County:

Facility Assessment (Task 1): A description of the five buildings including square footage, construction type, foundation materials, framing materials, finishing materials, roofing and any other descriptives relevant to the dismantling and demolition of the structures. The current condition including any potentially hazardous conditions (such as failing roof supports, holes in floors, etc.) that could present a hazard to mitigation and demolition crews were also identified.

Salvage Values (Task 2): A listing of salvageable materials and items including but not limited to steel framing, copper, stainless steel furniture and appliances, salvageable equipment such as x-ray machines, kitchen appliances, air compressors, pumps, and any other materials or contents that may have salvage or scrap values were assessed. The listing includes the item description, location, and estimated salvage and or scrap value (if applicable/known).

Utility Identification (Task 3): All electrical, gas, telephone, water, and any other utilities either above or below ground that are located in the affected area were identified. Recommendations for disconnection or rerouting as applicable based on the future use of the area are included in this Assessment. Final utility disconnections and rerouting instructions will be determined, based on location and proposed future use, at the discretion of the County.

Security and Safety (Task 6): Recommendations for managing site security and safety during the mitigation and demolition process are provided.

Construction Entrances (Task 7): Numerous truckloads of debris will be leaving the site during the demolition process. Recommendations for the most efficient and safe construction entrances during the mitigation and demolition process are provided. Barclay Drive and Peeler Road were evaluated as potential ingress/egress points.

Future Use (Task 9): Proposed future use of the southwest end of Brook Run is for passive recreation with no large permanent structures. This includes the areas within the demolition zone. Based on the removal of the buildings, foundations, paved areas, and appurtenances, recommendations for site restoration including but not limited to backfilling, compacting, top dressing, grading, replanting and managing storm water are provided.

Tasks 4, 5 and 8 are addressed under separate reports provided in Appendix A and B.

ACM Sampling (Task 4): Conduct sampling of all suspect asbestos containing materials. Location and quantity of confirmed ACM are noted on site drawings in Appendix F. Sample collection was performed according to all relevant federal and state regulations.

Hazardous Materials Assessment (Task 5): Hazardous materials were identified and quantified (if possible) and the location shown on the site drawings in Appendix F. All tanks, drums, cans, or other containers with unknown contents were sampled, characterized and are shown by designated symbol on the Environmental Plan site drawings. Recommendations based on best management practices and industry standards for disposal were made to assist the County in better identifying, quantifying and costing these elements during pre-demolition including hazardous abatement and remediation.

UST systems Removal (Task 8): Confirm tank removal and disposal of a reported system, located at the Power Plant Building. **All tasks were conducted in accordance with applicable local, state and federal regulations, best management practices and industry standards.**

2.0 SUMMARY OF RESULTS

A Facility Assessment (FA) and site survey of the Brook Run Park at 4770 North Peachtree Road in Dunwoody, Dekalb County was conducted in May 2006. The FA was conducted by Corporate Environmental Risk Management, LLC (C.E.R.M.) at the direction and request of the Dekalb County Parks and Recreation Department, Park Bonds and Greenspace Office.

The FA is organized in seven sections: 1) Purpose and Scope, 2) Summary of Results, 3) Property Descriptions and Observations, 4) Salvage Values, 5) Future Use Evaluation, 6) Document Reviews and Interviews, and 7) Limitations. The FA is furthered organized by building and addresses safety and security, construction entrances, utilities, mechanical and electrical systems, fire protection system, and site restoration components. Site drawings G1.0, C1.0, C1.1, C2.0, and C3.0, located in Appendix F, show recommended general notes and details, existing conditions plan, site demolition plan, and sedimentation and erosion control plan.

2.1 GENERAL DESCRIPTION

The subject property, Brook Run, is an approximately 102-acre park facility. The subject property consists of approximately 30-acres of developed land. There are five buildings located on the developed acreage; those structures and the parcels they currently occupy are the subject of this study. The buildings are identified as the Therapy Building, Power Plant, Cottage No. 3, Cottage No. 4, and Cottage No. 5 and are shown in the attached aerial and topography drawings.

2.2 GENERAL PHYSICAL CONDITION

The buildings were last occupied and in use in 1998 and it is believed they were safely shut down and vacated in the same year without further maintenance or use. All buildings remain vacant and are in various stages of disrepair attributable to non-use due to vacancy, vandalism and training exercises by local law enforcement agencies.

There was no structural damage observed at any of the buildings assessed. Table 1 summarizes the findings of this FA by item, condition and building location. Appendix C, the Photographic Log, contains photographs of the building's exterior, interior and typical salvageable material and equipment.

2.3 IDENTIFIED SALVAGEABLE ITEMS AND OPINIONS OF PROBABLE UNIT RATES

CERM personnel traversed the subject property and inventoried the five structures scheduled for demolition for overall property and building condition and potential salvageable and scrap items. A listing of salvageable and scrap materials assessed included: concrete, masonry, steel framing, copper piping, steel piping, sheet metal, aluminum, door frames, metal roofing and down spouts, copper gutters and down spouts, stainless steel kitchen equipment, stainless steel laboratory equipment, medical equipment, compressors, and pumps. Current suggested unit rates for salvage and or scrap are provided in Table 4.

2.4 GENERAL CONDITION DESIGNATIONS

The designations "good", "fair", and "poor" are used consistently in the FA to rate the assessed items' general condition. Considering the items' age, use, and the location of the property, these designations are defined as follows:

- Good: Item's general condition is average or better than average.
- Fair: Item's general condition is below average.
- Poor: Item's general condition needs repair or replacement.

Table 1: Facilities Assessment Condition Summary			
ITEM		CONDITION	COMMENTS
Overall Site			
Parking Lots		Poor	Demolish and recycle asphalt
Driveway		Fair	Leave Main driveway in place ~1,500'
Parking Lot drainage		Poor	Above grade metal to be recycled, Concrete to be ground and used as fill
Sidewalks		Fair	Above grade metal to be recycled, Concrete to be ground and used as fill
Site lighting		Fair	Demolish and scrap
Landscaping		Good	Establish tree protection, minimize disturbance
Site signage		N/A	Where exists, demolish and scrap
Fire Hydrants		Fair	Ensure City disconnect, remove above grade structures, and cap line
Exterior Pipe Vaults		Good	Remove concrete lids, fill vaults with crushed concrete and earthen fill, compaction required
Structural Frame and Building Envelope			
Foundations		Good	Above grade metal to be recycled, concrete to be ground and used as fill, dispose of piles
Slabs and floor systems		Good	Above grade metal to be recycled, concrete to be ground and used as fill
Structural frame system		Good	Demolish and recycle; may require LBP paint removal
Exterior walls		Good	Above grade metal to be recycled, concrete to be ground and used as fill
Roof system & drainage		Good-Fair	Demolish and recycle; may require LBP paint removal
Windows and frames		Poor	Demolish and recycle; may require LBP paint removal
Main entrance doors		Poor	Demolish and recycle; may require LBP paint removal
Mechanical and Electrical System			
HVAC	Chiller(s)	Unknown	Each building- Demolish and recycle
	Boiler(s)	Unknown	Each building- Demolish and recycle
	Cooling tower(s)	Unknown	Power Plant building- Demolish and recycle
	AHUs	Unknown	Each building- Demolish and recycle
	FCU	Unknown	Each building- Demolish and recycle

	Air Comp.	Unknown	Each building- Demolish and recycle
	Hot & cold pipes	Unknown	Each building- Demolish and recycle
	Pumps	Unknown	Each building- Demolish and recycle
	Controls	Unknown	Each building- Demolish and recycle
	Sheet Metal	Unknown	Each building- Demolish and recycle
Electrical wiring and metering		Unknown	Each building- Demolish and recycle
Domestic water heaters		Unknown	Each building- Demolish and recycle
Domestic hot & cold water pipes		Good	Each building- Demolish and recycle, may require ACM remediation
Sanitary system		Poor	Each building- Demolish and recycle
Fire Protection			
Fire system		unknown	Each building- Demolish and recycle
Fire suppression system		unknown	Each building- Demolish and recycle
Fire/smoke alarm		unknown	Each building- Demolish and recycle
Vertical Transportation			
Elevators		Poor	Each building- Demolish and recycle
Interior Elements			
Lobby		Poor	Demolish
Entry doors		Poor	Each building- Demolish and recycle
Floors		Fair-Poor	Demolish and dispose
Ceiling		Fair-Poor	Demolish and dispose
Hallways		Poor	Demolish and dispose
Stairs		Fair-Poor	Demolish and dispose

3.0 PROPERTY DESCRIPTIONS AND OBSERVATIONS

3.1 GENERAL BUILDING DESCRIPTION

Brook Run is an approximately 102-acre park facility located in Dunwoody, Dekalb County. The subject property consists of approximately 30-acres of developed land. Five buildings located on the subject property were included in this FA. The buildings are identified as the Therapy Building, the Power Plant, Cottage No. 3, Cottage No. 4, and Cottage No. 5. A brief description of each building is provided below:

The Therapy Building is a three-story irregularly shaped structure. It consists of six major sections encompassing approximately 268,300 square feet. It is subdivided into multiple areas to include kitchen and storage, dining area, dietician office, laboratory facilities, patient and guest rooms, physical therapy, audiometry, radiology, morgue, mechanical rooms, and laundry facilities.

The Power Plant Building is a two-story structure with 1.5 interior levels. It houses various pieces of mechanical equipment used to heat and cool water for the Therapy Building. The Power Plant building consists of approximately 8,960 square feet, contains Boilers No. 2 and 3, Chillers A and B, hot water storage tanks, an electrical switch bank, miscellaneous valves, electrical motors, sinks, toilets, and other miscellaneous mechanical equipment. Two cooling towers and an electrical transformer are located on the buildings southeast side.

Cottages No. 3 and No. 4 are two-story residential structures. These structures consist of approximately 17,300 square feet of living space, kitchens, dining areas, restrooms, and mechanical rooms. Cottage No. 5 is a single-story residential structure consisting of approximately 11,200 square feet of living space, kitchens, dining areas, restrooms, and mechanical rooms.

Vehicle access into the Brook Run Park is via a county road entering at North Peachtree Road and proceeding south-southwest, along Brook Run Avenue, approximately 0.5 mile.

All buildings remain vacant and are in various stages of disrepair attributable to non-use due to vacancy, vandalism and training exercises by local law enforcement agencies. There was no significant structural damage observed at any of the buildings assessed. Cottage No. 5 does have moderate roof damage, however, the damage does not appear to present a significant safety concern for remediation and demolition activities.

3.2 SITE

3.2.1 Topography

The subject property topography gently rolls from an elevation of approximately 1,000 feet above mean sea level (amsl) in the eastern section to approximately 942 feet amsl into an unnamed creek near the property's western boundary line. In addition, the overall Brook Run site appears to consist of two major drainage basins, separated by Brook Run Avenue.

3.2.2 Storm Water Drainage

Stormwater drainage is conveyed across impervious surfaces (i.e., roofing systems, roadways, parking lots, walkways, and capped vaults) throughout the site. Water is discharged into metal grate inlets of varying sizes, into trench grates or curb inlets, weir inlets, manholes, and headwalls and generally empties into reinforced concrete pipes (RCP) of sizes 12", 15", 18", 24", 30", and 48" in diameter. It appears that the stormwater is retained on-site and is gradually discharged into concrete splash blocks situated on the lower sections of land adjacent on-site streams. There were no major on-site detentions ponds observed or noted on drawings reviewed.

3.2.3 Access

The main entrance to the Brook Run site is from North Peachtree Road located at the northeastern property boundary. Pedestrians can enter at this and other points throughout the site. Vehicular, pedestrian, and bicycle traffic then flow south-southwest along Brook Run Avenue (Georgia Way), a county road, approximately 0.5 miles, and enters the subject property through a temporary chain link gate and fence. Each building can be accessed via a driveway, walkway, and/or a sidewalk leading into main, rear, and side entry doors.

3.2.4 Paving and Curbing

Brook Run Avenue is a paved asphalt road that leads into the subject property. A temporary gate controls access to the proposed demolition sites. Six-inch curbs and 24" gutters are located at various locations along the roadway and driveways in the demolition area. All parking lots are paved with asphaltic concrete. Concrete retaining walls are located throughout parking areas that abut the Therapy Building.

Typical roadway construction consists of: sub base soil, compacted from 90-95 percent (%) maximum dry density at 8" lifts; base course consists of graded aggregate base (GAB) in 8" lifts, at 100 % maximum density; a 2" bituminous topcoat of plant mix is applied on the surface. Driveways are constructed in a similar fashion with the exception of base course of 6" GAB.

3.2.5 Exterior Lighting

Exterior lighting is provided along the perimeter of the northern boundary line and in the power plant. The associated fixtures may require special handling and disposal, if hazardous material is present (ie. PCBs) prior to demolition of the facility.

3.2.6 Landscaping

Landscaped areas exist throughout the subject property. In particular, there is landscaping surrounding each of the five buildings and consists mainly of mature trees, lawn, and shrubbery areas. The landscaped areas appeared maintained.

3.2.7 Signs

There was no signage noted during the assessment.

3.2.8 Trash

The buildings were unoccupied, however, various types of debris were observed strewn throughout building interiors. Typical debris consisted of broken doors, windowpane glass, damaged wall material, broken toilets and sinks, and office equipment.

3.2.9 Utilities

At the time of this report, CERM had not received documentation on the location of utilities. The following information was collected in the field or acquired from drawings provided by Dekalb County.

Water Service:

Potable water is supplied by the Dekalb County Water and Sewer Department. Water is transmitted via multiple eight-inch (8") cast iron lines. There are seven fire hydrants associated with the subject property. The Therapy Building has four associated hydrants, the Power Plant has one hydrant, there is one hydrant for Cottages 3 and 4, and one hydrant associated with Cottage 5.

Water termination to the subject property can be made at multiple locations:

- Cottage No. 5: Turn-off the 8" valve located at the adjacent roadway.
- Cottage Nos. 3 and 4: Turn off the valve located at the southern driveway access of the Administration Building.
- Therapy/Power Plant Buildings: Turn off the valve located at the southern driveway access of the Administration building.

All water and sewer termination activities must be coordinated with Dekalb County Water and Sewer Department representatives prior to demolition of any buildings. All removal and demolition will be performed in accordance with Dekalb County specifications. Refer to Site Drawing G1.0, in Appendix F.

Electric Service:

Electricity is supplied by the Georgia Power Company. Electrical service lines appear to originate from a main line located on North Peachtree Road, south of the main entry, at four transformer box locations. The lines then travel in a west-southwest direction towards the subject property (the five structures scheduled for demolition). Approximately four transformers are associated with the subject property.

According to drawings provided by Dekalb County, electrical power to the abutting Cottages (Nos. 3 and 4), Power Plant, and the Therapy Building, can be terminated at the electrical substation located adjacent the southeast property line, near the abutting Cottages. The second area of electrical power termination can occur in the Georgia Power easement near the south access driveway of the Administration Building. Electrical service to Cottage No. 5 can be terminated at power pole No. P-26.

All electrical termination activities must be coordinated with Georgia Power representatives prior to demolition of any buildings.

Natural Gas:

Review of drawings provided by Dekalb County indicates the existence of a gas service line providing gas service to the subject property. The natural gas service line appears to enter the Brook Run Facility via an easement located along North Peachtree Road, near the southeastern most property line. The service line is a 2^{1/2}” diameter line and traverses the Brook Run Facility in a west-southwest direction towards the subject property.

The gas line enters the rear of the Power Plant Building at its northeast corner, then exits at the southwest corner, and continues southwest to the Therapy Building. There was no gas service noted for Cottage Nos. 3, 4, and 5.

It appears that termination of the gas line at its origin will suffice to terminate gas service to the buildings of the subject property (i.e. the Power Plant and Therapy Buildings). All natural gas termination activities must be coordinated with Atlanta Gas Light Company representatives prior to demolition of any buildings.

Sewer Service:

Per “as-built” drawings provided by Dekalb County, sewer service to the Brook Run Facility appears to be divided into two separate sewer sheds within the overall basin, a northern and southern basin. Both sewer sheds flow in a southwestwardly direction via 8” ductile iron sewer main lines. The northern shed provides sanitary sewer for Cottage No. 5 and the southern shed provides sanitary sewer for Cottage Nos. 3 and 4, the Power Plant, and the Therapy Building.

- Termination of service to Cottage No.5 can be achieved by cutting and capping line “F” at the southwest corner of the building.
- Termination of service to Cottages 3 and 4 can be accomplished by cutting and capping lines “I and H” where they intersect with manhole 10A.
- Termination of service to the Therapy Building can be accomplished via cutting and capping line “A” west of manhole 6.
- Termination of service to the Power Plant Building can be accomplished via cutting and capping line “B” south of manhole 5, line “P”, line “O” south of manhole 4, and line “L” south of manhole 2.

All water and sewer termination activities must be coordinated with Dekalb County Water and Sewer Department representatives prior to demolition of any buildings.

Storm Water Management:

Based on preliminary plans, it appears that approximately 95% of the site will be pervious surface upon completion of demolition activities.

Storm water management can be designed into the site. A hydrology study can be performed to determine pre-construction storm water run-off volume and post-construction site conditions. This information will be used to design water quality and quantity ponds, stream buffers, and filtration features, where applicable. During demolition, temporary ponds, inlet filters, gabion bags, rip-rap, check dams, silt fencing, and outlet control structures should be implemented to control storm water run-off from the site.

3.3 STRUCTURAL FRAME AND BUILDING ENVELOPE

3.3.2 Foundation and Building Frame

Therapy Building:

The Therapy Building is broken into six major functional sections that are labeled 1-6 on "as-built" drawings provided by Dekalb County. The foundation systems for each section vary from poured-in place concrete slab-on grade, slab on grade beams, and slabs on piers.

Sections 1,2,3,4,5,6

In general, the foundation construction for each section consists of concrete or creosote-treated wood piles located approximately 4' on center, the piles have a 12" diameter and a bearing capacity of approximately 10 tons each in the subgrade, reinforced concrete piers, concrete footings, a 26" thick monolithic grade beam, reinforced concrete retaining walls, 18" reinforced concrete masonry units (cmu), footings of 1.9" thick 3000 pounds per square inch (psi) reinforced concrete, and a typical 6" thick slab on grade of 3000 (psi) concrete. Concrete reinforcement bars varied in size from #3-#6 metal. Specifically, Section No.1 has a 12" thick concrete slab near column line B and 4W. The area in Section No. 1 encompasses approximately 740 square feet.

Structural steel throughout the Therapy Building is coated in red lead paint. Column and beam sizes range from 8"-24" throughout the Therapy Building. In general, all main bents of girders or trusses and columns are fully continuous members with rigid transferring connections. Purlins and floor beams are designed as simple beams. Fillet welds exist where continuous girders butt into columns. At the foundation-beam interface a 3" concrete protective coating is applied to the structural steel.

Power Plant Building:

The Power Plant Building is a rectangular-shaped building encompassing approximately 8,920 square feet. The foundation construction consists of concrete or creosote-treated wood piles located approximately 4' on center (o.c), with a 12" diameter and a bearing capacity of 10 tons per pile in the subgrade; reinforced concrete piers; concrete footings; a 4' thick monolithic grade beam; reinforced concrete retaining walls; 18" reinforced concrete masonry units (cmu); footings of 1.9" thick 3,000 pounds per square inch (psi) reinforced concrete; and a typical 6" thick slab on grade of 3,000 (psi) concrete.

Concrete reinforcement bars varied in size from #3 - #6 metal. The floor slab has a typical thickness of 6", however, pads of various thickness are located throughout the building:

- The boiler section of the building contains four slabs with dimensions as follows: 11'6"x 22'x1'6",
- Area of the water storage tank contains four pads with the following dimensions 2' x 6' x 12", and a single pad with the following dimensions 8' x 8' x 12",
- Area of the chiller systems contains four pads with the following dimensions 3'6"x 6' x 12",
- A thickened slab was observed in the electrical switch area,

- A 5" thick elevated slab was observed in the mezzanine area.

Structural steel throughout the Power Plant Building is coated in red lead-based paint. Column and beam sizes range from 8" to 14" throughout the building. In general, all main bents of girders or trusses and columns are fully continuous members with rigid transferring connections. Purlins and floor beams are designed as simple beams. Fillet welds exist where continuous girders butt into columns. At the foundation-beam interface a 3" concrete protective coating is applied to the structural steel.

Cottage Nos. 3, 4, and 5:

The Cottages are rectangular and irregularly shaped buildings encompassing approximately varying square footages.

Cottage No. 3 consists of a two-story, rectangular-shaped building with approximately 17,300 sf of floor space; the foundation consists of reinforced concrete spread footings of various dimensions. Typical dimensions may be 1'x 3'x 4', attached to reinforced concrete piers 1'2"x 1'2". Reinforcement consists of #4 bars in the footings and concrete block walls. The typical floor on both levels is a 4" concrete slab, reinforced with 6"x 6" 10/10 wire mesh. Wood framing exists throughout the upper floor of the building, wall studs are 2"x 2" @ 16" on center (o.c.), ceiling joists are 2"x 8" 16" oc, and roof joists are 2"x 8" @ 16 o.c.

Cottage No. 4 is a two-story, rectangular-shaped building consisting of approximately 17,300 sf of floor space; the foundation consists of reinforced concrete spread footings of various dimensions. Typical dimensions may be 1'x 3'x 4', attached to reinforced concrete piers 1'2"x 1'2". Reinforcement consists of #4 bars in the footings and concrete block walls. The typical floor on both levels is a 4" concrete slab, reinforced with 6"x 6" 10/10 wire mesh. Wood framing exists throughout the upper floor of the building, wall studs are 2"x 2" @ 16" on center (o.c.), ceiling joists are 2"x 8" 16" oc, and roof joists are 2"x 8" @ 16 o.c.

Cottage No. 5 consists of a one-story, "H"-shaped building, with approximately 11,200 sf of floor space; the foundation consists of reinforced concrete spread footings of various dimensions. Typical dimensions may be 1'x 3'x 4', attached to reinforced concrete piers 1'2"x 1'2". Reinforcement consists of #4 bars in the footings and concrete block walls. The typical floor on both levels is a 4" concrete slab, reinforced with 6"x 6" 10/10 wire mesh. Wood framing exists throughout the building, wall studs are 2"x 2" @ 16" on-center (o.c.), ceiling joists are 2"x 8" 16" o.c., and roof joists are 2"x 8" @ 16 o.c.

3.3.3 Exterior walls (All Building Locations)

There are multiple wall sections throughout the subject property. According to information contained in drawings provided by Dekalb County, the exterior walls are composed of reinforced poured-in place concrete and reinforced concrete masonry units. Retaining wall sections range in length from 14'6" to 64' and in height from 3' to 15'. The façade of each building is primarily standard size brown-colored brick and mortar. The Therapy Building and Cottages have wood paneling facade in certain sections to complete the façade.

3.3.4 Roof (All Buildings)

The typical roof system for the Therapy Building and the Power Plant Building appear to consist of multiple sections constructed of heavy gage metal, approximately 1.5 x 22 gage, with standing seams. Welded steel roof trusses made of tees and paired-angle chords support the metal deck. Typical purlins may be 8" in width, rafters may be 12"-18" in width, columns may be 10" in width, and other diagonal and vertical supports may be 2.5" wide.

Roof systems for Cottages 3, 4, and 5 are constructed of a standing seam metal roof, however, the truss systems, joists, and purlins are of wood construction.

3.3.5 Parking (All Areas)

Parking areas consist mainly of parking lots located adjacent to each of the five buildings throughout the subject property. The Therapy Building has multiple parking areas associated with it; lots are located east and south of the Therapy Building. Typical lots are constructed of asphalt pavement with a 2" topcoat, 6" of graded aggregate base, and subgrade that is compacted to 90-95 maximum density.

3.4 MECHANICAL AND ELECTRICAL SYSTEMS

3.4.2 HVAC System

The HVAC system's main components include the chiller, cooling tower, boiler, hot and cold water pipe systems, pumps, air handling units (AHUs) and fan coil units (FCUs), duct system, fans, and controls.

Therapy Building

The building is served by multiple roof-mounted and a ground mounted system. The systems are forced-air, chilled-water systems. Conditioned air is circulated throughout the buildings via insulated metal ductwork and diffusers.

Power Plant

The building contains two large boilers, two large chillers, and a water storage tank.

Cottages Nos. 3, 4, and 5

The Cottage buildings are serviced via forced-air and chilled water systems. Conditioned air is circulated throughout the buildings via insulated metal ductwork and diffusers.

3.4.3 Fuel Oil back-up

The potential for underground storage tanks exist in an area abutting the Power Plant Building to the north. Refer to Appendix A "Hazardous Materials Assessment Report".

3.4.4 Electrical system

Therapy Building:

Section 1

The electrical system of Section 1 services the laundry area and consists of a 480 volt, 3 phases, 3 wire 600 amp main. The lighting system consists of 120/208, 3 phases, 4 wire 225 amps main. The power plan is made up of a 480-volt panel board, a 75 KVA transformer, and the 120/280-volt lighting panel board. A 120/208-volt, 3 phases, 4 wires, 225 A main services floors 2 and 3.

Section 2

The electrical system of Section 2 services various workrooms, therapy rooms, and storage areas and consists of a main distribution panel with a 12.47 KV primary fusible disconnect switch, Inerteen® filled transformers, rated at 1000KVA, Ammeter (0-1600A), and associated breakers. A 120/208-volt, 3 phase, 4 wire, 225 A main services floors 2 and 3.

Section 3

The electrical system of Section 3 services the therapy pool, gymnasium, exercise rooms, examination rooms, medical records, and reception areas. The system consists of multiple connected panel boards with a 120/208, 3 phase, 4 wire 225 amp main. The power plan is made up of a 480 volt panel board, a 75 KVA transformer, 850 A and 70 A breakers. A 120/208 volt, 3 phase, 4 wire, 225 A main services floors 2 and 3.

Section 4

The electrical system of Section 4 services receiving and storage, mechanical rooms, music studio, and various offices. The system consists of a 120/208, 3 phase, 4 wire 225 amp main. The power plan is made up of a 4-150 A breakers, 112.5 KVA transformer, and a 150 breaker. A 120/208 volt, 3 phase, 4 wire, 225 A main services floors 2 and 3.

Section 5

The electrical system of Section 5 services the library, bookroom, visual arts, classrooms, and laboratories. The system consists of a main distribution panel with a 12.47 KV primary fusible disconnect switch; inerteen filled transformers, rated at 1000KVA, Ammeter (0-1600A), and associated breakers. A 120/208 volt, 3 phase, 4 wire, 225 A main services floors 2 and 3.

Section 6

The electrical system of Section 6 services the kitchen, bakery, and storage areas. The system consists of a 300 KVA, 480A, 120/280 volt, 3 phase, 3 wire 600 amp. The lighting system consists of 120/208, 3 phase transformer, 4 150A breakers, 400A breaker, 225 3-phase breaker, and a 70A breaker. A 120/208 volt, 3 phase, 4 wire, 225 A main services floors 2 and 3.

Power Plant Building:

The electrical system services boilers, chillers, and provides office and plant lighting. The systems consists of two 225A, 120/208V panel boards, 2- 75 KVA transformers, and 9 smaller panel boxes.

Cottage Nos. 3 and 4:

The electrical system of Cottage Nos. 3 and 4 service the chilled water pumps, domestic hotwater pump, offices, activity rooms, patient rooms, and apartments. The system services floors 1 and 2 and consists of a 120/208, 3 phase, 4 wire 400 A main and a 120/208 volt, 3 phase, 4 wire, 225 A main.

Cottage No. 5:

The electrical system of Cottage 5 services hot water, chilled water pumps, a domestic hot water pump, offices, activity rooms, patient rooms , and apartments. The system consists of a 120/208, 3 phase, 4 wire 400 A main and a 120/208 volt, 3 phase, 4 wire, 225A main.

3.5 FIRE PROTECTION SYSTEM

System's main components include: Pipes, standpipes, sprinklers, pumps, pressure sensors/regulators, smoke detectors, heat sensors.

3.6 VERTICAL TRANSPORTATION

All of the buildings are served with elevators, except for the Power Plant and Cottage No. 5. Multiple elevator locations were observed throughout the Therapy Building, however, due to their condition none were accessed for this project.

3.7 INTERIORS ELEMENTS (COMMON AREAS)

Common areas include: Main lobby, hallways (including elevator halls), restrooms, and staircases. Walls and partitions are made of 3/4 " plaster on metal lath to gypsum wallboard nailed to metal/or wood studs. Walls and ceilings throughout the various building types in the subject property were in various stages of disrepair. Damage appears to have been caused by vandalism and/or training activities conducted by local law enforcement groups.

3.7.1 Main Lobby and Hallways

Floors of hallways and lobbies are carpeted, have linoleum tile, or ceramic tile. Walls are either painted or covered with vinyl wall cover. Ceiling systems varied from suspended ceilings with 2'x2' lay-in panels or 1'x1' panels glued to the ceiling substrate. Typically, the ceiling systems were in various stages of disrepair attributable to vandalism and/or training activities conducted by local law enforcement groups.

3.7.2 Restrooms

Multiple restrooms are generally located on each floor of each building, except for the Power Plant. Typically, the fixtures were in various stages of disrepair attributable to vandalism and/or training activities conducted by local law enforcement groups.

3.8 ADDITIONAL CONSIDERATIONS

3.8.1 Pest and Rodent Control

Prior to demolition activities, each structure must be treated for pest and rodents by a contractor licensed in the State of Georgia. A certificate of service must be presented to the Dekalb County Buildings Department before a demolition permit will be issued.

3.8.2 Safety and Security

Currently, security of the Brook Run Facility is via a security guard service. Over the course of 24 hours, the service provider periodically drives the site. In addition, there is an approximately 6-foot chain-link fence and gate surrounding the subject property.

During demolition and remediation activities, it is recommended that the above services remain in-place, however, additional security should be added in the form of a temporary 8 foot chain-link fence, with barbed wire, and lockable-gate for the structures scheduled for demolition. The ACM Survey Report (in Appendix B) prepared in conjunction with this Assessment reveal ACM throughout the site and warrant increased security immediately to continue to protect the public, environment and workers. Likewise, demolition and abatement and remediation contractors are required to develop and implement site-specific health and safety plans to address working in hazardous waste demolition environments.

Cottage No. 5 should be totally enclosed. Cottages No. 3 and 4 should be totally enclosed, together. The Power Plant Building should be totally enclosed. The Therapy Building should be totally enclosed. Access gates for each enclosed work area should contain labeling warning those not employed by the contractor to stay out. Refer to the Site Drawings C1.1, C2.0 and C3.0, in Appendix F, for fence locations and fence details.

3.8.3 Construction Entrances

The construction entrance is recommended for location on the north side of the Power Plant Building, adjacent to Barclay Road. This location is recommended due to the limited impact on trees versus the other available locations. In addition, area reconnaissance indicated the existence of ongoing construction activity and recessed driveway entrances into multi-family dwellings along Barclay Road. Refer to the Site Drawings C1.1 and C2.0, in Appendix F, for the construction entrance location and preliminary off-site haul route.

3.9 SALVAGE VALUES

This Report includes a listing of potentially salvageable materials and items included in the five buildings including but not limited to steel framing, copper, stainless steel furniture and appliances, x-ray machines, kitchen appliances, air compressors, pumps, and other materials or contents that may have salvage value. The salvage value is a negotiable point of value in evaluating the price ultimately spent on demolition.

The listing compiled as a result of the salvage equipment and material assessment includes the item description, location, and estimated salvage value if applicable. Table 2 list typical salvageable and or scrap equipment and materials by building. Photographs of typical potentially salvageable items are provided in Appendix C, Photographic Log.

Table 2: List of Typical Salvageable and or Scrap Equipment and Materials by Building

	Therapy Building	Power Plant	Cottage No. 3	Cottage No. 4	Cottage No. 5
Concrete	X	X	X	X	X
Masonry	X	X	X	X	X
Steel Framing	X	X	X	X	X
Copper Piping	X	X	X	X	X
Steel Piping	X	X	X	X	X
Sheet Metal	X	X	X	X	X
Aluminum Window Frames	X	X	X	X	X
Steel Door Frames	X	X	X	X	X
Metal Roofing	X	X	X	X	X
Copper Gutters, Down Spouts	X	X	X	X	X
Stainless Steel	X		X		
Medical Equipment	X				
Compressors	X	X			
Pumps	X	X	X	X	

Research by CERM personnel indicates that the age and condition dictate the salvage and/or scrap value of the above items. The ability to salvage and or scrap an item may have diminished due to obsolescence or market demand, for instance, stainless steel items may require an inspection by used equipment experts to establish a value, while metal such as copper is graded, and may lose value. In addition, the value of salvageable and scrap items fluctuate daily to weekly, according to persons interviewed. Other items such as concrete and masonry may not have a market value, however, landfills may accept the materials as bedding for on-site haul roads at the disposal facility. Asphalt can be recycled and reused by road building contractors.

CERM personnel traversed the subject property and inventoried the five structures scheduled for demolition and many salvageable and scrap items were noted. In addition, additional research was conducted in order to identify salvage and or scrap values of the items identified during this project. A listing of salvageable and scrap materials are as follows: concrete, masonry, steel framing, copper piping, steel piping, sheet metal, aluminum, door frames, metal roofing and down spouts, copper gutters and down spouts, stainless steel kitchen equipment, stainless steel laboratory equipment, medical equipment, compressors, and pumps.

Records that were reviewed indicated the presence of lead-based paint on the structural steel located in each of the buildings. Recycling companies typically do not accept metal items coated in lead-based paint due to the hazardous characteristic of the paint. The items identified as hazardous must be remediated or disposed of as hazardous waste. Also, all fluids contained in equipment must be drained and disposed of prior to transport of the recyclable item to the recycling facility (i.e. oil, freon, etc.)

Concrete and masonry typically have no reuse value. These materials can be crushed on-site and used as fill in excavated areas and in box culverts, scheduled to remain in-place, after concrete lids have been removed. Subsequently, earthen fill can be brought in, placed, and compacted to design levels.

All values provided are approximate and should be used for estimating purposes only. Values provided by contractors who have bid on the salvage, scrap, remediation, demolition, and disposal of the potentially salvageable building materials, and have bonded such can be used for budgeting the work.

Salvage, scrap values, and reuse recommendations are listed in Table 3.

Table 3: Salvage, Scrap Values, and Reuse Recommendations

	Salvage Value (\$)	Scrap Value (\$)	Reuse Alternatives	Demolition Costs (\$)
Concrete	N/A	N/A	Grind/Use for Fill	6.00 – 20.00/sf
Masonry	N/A	N/A	Grind/Use for Fill	4.00 - 20.00/sf
Steel Framing	N/A	6.00/100 lbs	N/A	19.00 - 26.00/lf
Copper Piping	1,100/ton	0.30 – 2.60/lb	N/A	3.50 – 10.00/lf
Steel Piping	71.00/ton	5.75 – 6.50/100 lbs	N/A	3.00 – 16.00/lf
Sheet Metal Duct (HVAC)	N/A	5.75 – 6.50/100 lbs	N/A	2.50 – 7.00/sf
Aluminum	575.00/ton	0.10 – 0.70/lb	N/A	62.00 - 70.00 ea.
Steel Door Frames	N/A	5.75 – 6.50/100 lbs	N/A	47.50 – 70.00 ea.
Metal Roofing	N/A	5.75 – 6.50/100 lbs	N/A	3.00 – 5.00/sf
Copper Gutters, Down Spouts	X	0.30 – 2.20/lb	N/A	1.50 – 2.50/sf
Stainless Steel	To be Determined	0.30 – 0.47/lb	To be Determined	
Medical Equipment	To be Determined	X	N/A	
Compressors	N/A	5.75 – 6.50/100 lbs	N/A	
Pumps	N/A	5.75 – 6.50/100 lbs	N/A	

Notes: All fluids to be properly disposed prior to leaving the site; dumpster costs may be \$150-250 per trip; vendors will not process radioactive or lead-based paint materials; vendors will not dispose of freon; no glass allowed; and no fluids.

Table 4: Salvageable Items Information

SUITE NO.	Item	DESCRIPTION	LOCATION (QTY)	PHOTO REFERENCE
Therapy Building				
2 nd Level Section 6	Shelves	Metal, 6'	Section 6 (14)	70, 73
	Coolers	Wall mounted, stainless	Section 6 (1)	74
	Typical Copper	Copper Pipe ½"	Mechanical Room	78
	Typical Dryer	Air Dryer, Blue metallic	Mechanical Room (1)	
	Compressor	Copeland RH 0200 TAD	Mechanical Room (13)	
	Typical Copper	Copper Pipe 2"	Mechanical Room	63, 81
	Scale	TO620, 1000'	Section 6 (1)	72
	Typical Lockers	Metal	Locker Room	83
	Typical Sink	Ceramic	Restroom (3)	84
	Typical Sink	Metal	Hallway	87
	Typical Toilet	Ceramic	Restroom (3)	86
	Typical Framing	Exterior Windows/ Doors	Breezeway side (1 set)	88
	Typical structural steel	Heavy gage beams/ columns	Corridor and throughout	54, 64
2 nd Floor, Section 5	Typical Framing	Aluminum, Entry way	Entryway	89
	Typical Sink	Stainless Steel	Hallway	91
	Typical Radiator	Wall mounted, metal	Entry way	90
	Typical Radiator	Floor mounted, metal	Entry way	92

SUITE NO.	Item	DESCRIPTION	LOCATION (QTY)	PHOTO REFERENCE
	Typical Sink	Ceramic	Rest room near entry (11)	93
2 nd Floor, Section 5	Typical Pipe	Copper, 1"	Pipe Chase	94
	Typical Lab Room	Wooden cabinets and granite counter tops	Hematology (6 sections)	
		Wooden cabinets and granite counter tops	Chemistry Lab	
	Typical Fume Hood	Stainless; Kewsanee Mfg.	Chemistry Lab	
2 nd Level, Section 5	Lab Tables	Wooden cabinets and granite counter tops	Laboratory Cytogenetics	
	Fume Hood	Stainless, Lab con	Safety Room	
	Typical Tables	Tables w/ stainless counter top	Microbiology Lab (4)	
	Typical Lab	Wooden cabinets and granite counter tops	Hematology Area	
	Oven	Metal and Class Drying Oven	Hematology Area (1)	140
	Fume Hood	Stainless, wall mounted	Hematology Area (1)	139
Ground Level	Typical Shelving	Metal, 8"	Ground Floor, Central Record storage (21)	
	Typical booth	Sound Module, Metal	Ground Floor	
2 nd Level, Section 4	Typical Sink	Ceramic	Restroom (#32)	
	Typical Toilet	Ceramic	Restroom (#32)	
	Typical Cabinet	Metal Cabinets, brown	Reception Area (#75)	
	Typical X-Ray Equipment		X-Ray Room	142
	Typical Metal Shelves	Steel, gray	X-Ray Room (8)	141

SUITE NO.	Item	DESCRIPTION	LOCATION (QTY)	PHOTO REFERENCE
	Typical Storage Cabinet	Steel, gray	X-Ray Room (2)	
	Typical Motor	Electrical, gray metal (GE)	Mechanical Room (1)	
	Typical sound booths	Metal, gray sound booth	Near D220, Mechanical Room, tangent wall	
Ground Floor, Section 4	Typical Compressor	Blue metal	Mechanical Room 1 A (1)	
	Typical Toilet	Ceramic, blue	Lower Level (1)	
	Typical Sink	Ceramic, blue	Lower Level (1)	
Ground Floor, Section 4	Typical Fountain	Stainless Steel	Lower Level (1)	
	Typical Tray	Body Refrigerator	Morgue	99
	Typical Halon System	Fire Extinguisher	Mechanical Room	100
	Typical Metal Shelves	Metal, gray 8'	Loading Dock Area (20)	
	Typical Engine	Natural gas engine Waukesha Motor Co.	Mechanical Room Modified F1197GU	101
	Typical Motor	Metal, blue electric	Mechanical Room	104
	Typical Whirlpool	Metal Stainless Steel	Adjacent pool room	105, 106
	Typical Motor	Electric with Air tank Levoi Manufacturing (Brown)	Mechanical Room Near laundry	95
	Typical Motor	Electric with Air tank (Blue)	Mechanical Room	
	Typical Motor	Electric on HVAC Mechanical Equipment	Mechanical Room	
	Typical Laundry Press	Blueish-green metal w/ rollers	Laundry Room	
	Typical Dryer	Metal, blue	Laundry Room (2)	107

SUITE NO.	Item	DESCRIPTION	LOCATION (QTY)	PHOTO REFERENCE
	Typical Washer	Metal, blue	Laundry Room (2)	
	Shelves	Metal	Laundry Room (8)	
	Typical Exterior	Retaining Wall, Piers	Laundry Room	
3 rd Floor, Section 6	Counter	Stainless Steel, 30' x 4' x 3'	Kitchen (2)	47
	Warmers	(Groen)	Kitchen (3)	
	Deep Fryer	(Keating)	Kitchen	48
	Vent fume hoods		Kitchen (3)	48, 51
	Cooler/Freezers	(Inwall/ Groen)	Kitchen	44, 46
3 rd Floor, Section 6	Ovens	(Blodgett)	Kitchen (3)	51
	Vent Fume Hoods		Kitchen (2)	48
	Mixers	(Groen)	Kitchen (6)	47
	Counters		Kitchen (3)	56
	Refrigerators	(Groen)	Kitchen, Food Prep Area (2)	
	Sinks		Kitchen (3)	
	Hot Food Table	(Seco-Mafic)	Kitchen	
	Exhaust Hood		Bakery	56
	Oven	(Middleby/Marshall)	Bakery	56
	Sinks		Bakery (2)	56
	Scale	(Toledo Verilus 711)	Bakery	56
	Metal Table		Bakery (3)	56

SUITE NO.	Item	DESCRIPTION	LOCATION (QTY)	PHOTO REFERENCE
	Refrigerator	(Victory)	Bakery	
	Steamer	(Annetsberger 28R3)	Bakery	
	Dishwasher, Automatic	Champion, Model UC24C41; Serno 67964	Kitchen	50
Power Plant				
		Hotwater Storage	SW Corner (1)	1
		Electrical Switch bank	NW Corner (1)	
		Boilers No. 2 and 3	NW Corner (2)	8
		Miscellaneous Electric Motors	Throughout (6)	2
		Chiller A	East Side (1)	6
		Chiller B	East Side (1)	7
		Miscellaneous sinks/toilets		
		Electrical Breakers	(6)	
Cottage No. 3				
	Façade	Exterior Façade brick (lower), wood (upper)	South elevation	11
	Typical water sink	Stainless Steel	(4)	15
	Typical sink	Ceramic	Restrooms (17)	16
	Typical toilet	Ceramic	Restrooms (16)	
	Typical roof	Corrugated raised rib metal roof	Roof with wood deck	17
	Typical metal door frame	4' x 7', Brown	Suite 1 and 2	
	Typical window Frame	Aluminum, brown	Suite 1 and 2	12

SUITE NO.	Item	DESCRIPTION	LOCATION (QTY)	PHOTO REFERENCE
	Typical metal building	Gray, Steel; HVAC	Exterior	
	Typical gutters/ downspouts	Aluminum, green	Throughout	
	Typical pipes	Copper		
	Typical pipes	Galvanized		10
Cottage No. 4				
	Façade	Exterior Façade brick/ minor wood	South Elevator	21
	Typical water faucet	Stainless Steel	(1)	15
	Typical sink	Ceramic	Throughout (14)	19
	Typical Toilet	Ceramic	Throughout (11)	
	Typical Foundation	Slab on grade	Ground level	
	Typical Foundation	Elevated slab w/metal deck	2 nd level	
	Typical Roof	Corrugated raised rib metal	Roof w/ wooded deck	17
	Typical door frame	Metal 4' x 7', brown	Throughout, loading deck	
	Typical window frame	Aluminum, brown	Exterior (36) Interior (48)	21
	Typical Metal building	Gray, steel: HVAC	Exterior Building	
	Typical gutter/ downspouts	Aluminum, green		
	Typical pipes	Copper		
	Typical pipes	Galvanized		
Cottage No. 5				

SUITE NO.	Item	DESCRIPTION	LOCATION (QTY)	PHOTO REFERENCE
	Typical façade	Brick, brown (single story)	North Elevator, east, south, southwest	23
	Typical water faucet		(3)	
	Typical sink		(9)	
	Typical toilet		(9)	
	Typical foundation	Slab on grade		
	Typical roof	Raised rib metal, green w/green gutters and downspouts	Wood decking	24
	Typical door frame	Steel, brown		
	Typical metal building	Corrugated metal, brown	Mechanical Area	
	Typical Metal	Kitchenette sink, store refrigerator combo	West wing	
	Typical water pipes	Copper		
	Typical water pipes	Galvanized Steel		

The following is a list of sources that provided information pertinent to establishing and documenting salvage and or scrap values and items identified as such in the five structures slated for demolition at Brook Run:

Coastal States Equipment Company, (404) 352-2160

Hudgins and Company, (404) 523-2791

LB Recycling, (770) 786-5119

Newell Recycling, LLC, (404) 766-1621

Peddler's Two, (404) 351-5066

RS Means Cost Data, (781) 585-7880

Used Equipment Network, (1-800) 933-4232

3.10 FUTURE USE EVALUATION

According to information provided by DeKalb County, the proposed future use of the southwest end of Brook Run is for passive recreation with no large permanent structures, specifically a "Doggy Park". This includes the areas within the demolition zone. DeKalb County intends to demolish the following buildings, foundations, paved areas, and appurtenances: the Therapy Building, the Power Plant Building, Cottage No. 3, Cottage No. 4, and Cottage No. 5. In addition, concrete caps covering pipe vaults leading from the Power Plant Building and traveling to the Therapy Building are to be demolished, leaving the vaults and pipes in-place. The section of roadway (entry to subject property) leading to the rear of the Therapy Building (near laundry room) will remain in-place during and after demolition activities.

Demolition of the selected buildings will create large and accessible open spaces. Non-contaminated building materials can be used for roadway sub grade, construction of pedestrian trails, play area sub grade, barbeque pit locations, sitting areas, etc. CERM will work with DeKalb to find creative ways of using the demolition materials in the final use plan.

Demolished areas and box culverts (pipe vaults) can be backfilled using non-contaminated crushed concrete and masonry on-site materials, and where needed off-site materials can be used to complete grading. Fill can be placed in 8" lifts and compacted to 90-95% of the Standard Proctor density in accordance with ASTM. Refer to the geotechnical report for the subject property for specific requirements. Maximum cut or fill slopes shall be 2:1(V:H), unless specified elsewhere. Site stabilization can be via application of mulch to disturbed areas, the application of temporary seeding, and subsequently installation of permanent vegetation in accordance with design specifications for the subject property. Refer to the General Notes (G1.0) and Details (C3.0) of site drawings in Appendix F.

4.0 DOCUMENT REVIEWS AND INTERVIEWS

The building and its systems were observed by various representatives of Corporate Environmental Risk Management, LLC. in May and June of 2006. The professional registrations, certifications, and qualifications of the Assessment Team are provided in Appendix E.

Information and on-site assistance was provided by David Butler and Marvin Billups of the Dekalb County Parks and Recreation Department, Parks Bond and Greenspace Office.

Documents reviewed include:

- As-Built Drawings provided by Dekalb County (Jones and Associates Architects & Engineers, circa 1966 and Rev. 1993);
- As-Built Drawings provided by Dekalb County (Hartrampf Engineering, Inc., circa 1986);
- As-Built Drawings provided by Dekalb County (Jones and Associates Architects & Engineers, circa 1966 and Rev. 1993); and
- Water and Sewer Utility Information, on CD, provided by Dekalb County, circa unknown.

5.0 LIMITATIONS

The assessment of conditions and opinions expressed in the Facilities Assessment Report do not represent scientific certainties. The assessments of conditions are based on visual survey and site conditions as they appeared and existed on the date of the survey. No concealed area or confined space areas were opened or entered for this survey. No testing or running of equipment was conducted. Written documents and verbal information given to C.E.R.M. was assumed correct and no attempt was made to verify or refute this information. Cost estimates are based on the professional judgment of C.E.R.M.'s engineers and surveyors, not on actual bids or contracts.

**Final Assessment
Pre – Demolition Property Conditions And Hazardous
Materials Assessment**

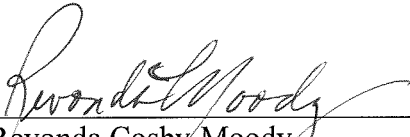
Brook Run Park
Land Lot: 353 & 354, 18th District
4770 North Peachtree Road
Dunwoody, Georgia

September 2006

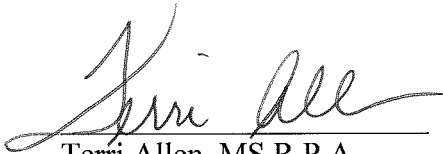
C.E.R.M. Project No.: 11-0862-034

Prepared By:
Corporate Environmental Risk Management
2115 Monroe Drive, Suite 110
Atlanta, Georgia 30324

Prepared For:
DeKalb County
Parks and Recreation
DeKalb County, Georgia



Revonda Cosby-Moody
Senior Project Manager



Terri Allen, MS R.P.A.
Project Manager

ON FILE

Dwayne Cheatom, R.E.M.
Principal

ON FILE

Mark Cooke, P.E.
Project Manager

ON FILE

Lorenzo Gates
Senior Project Scientist

DEMOLITION & FACILITY ASSESSMENT PLANS

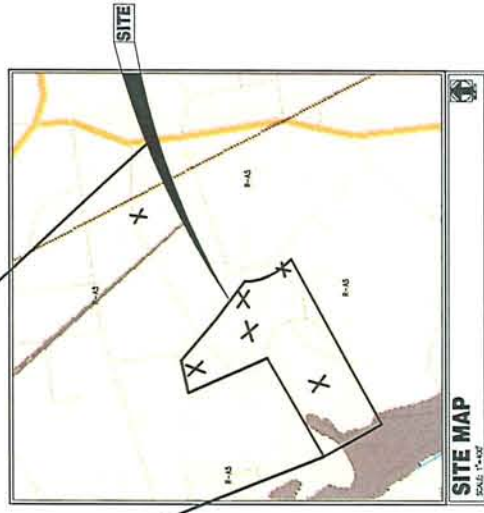
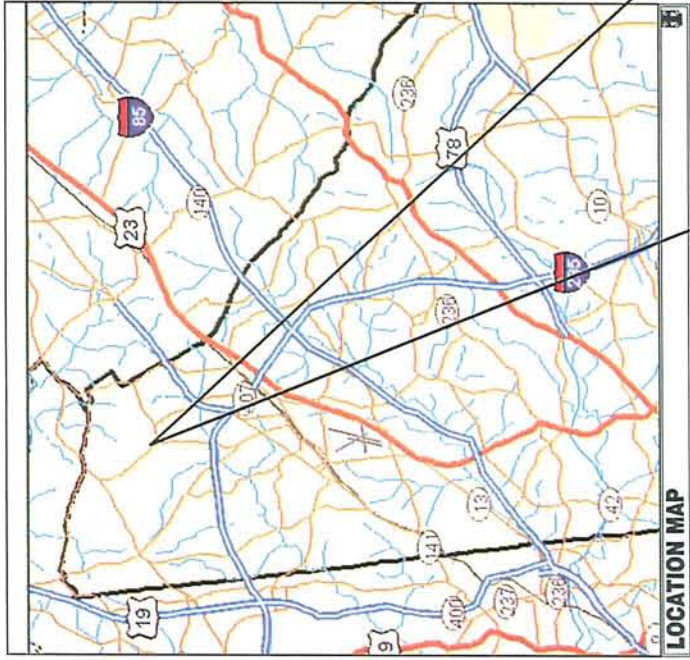
for

BROOK RUN PARK

DEKALB COUNTY PARKS AND RECREATIONS 4770 N PEACHTREE RD. & BROOK RUN AVE.

**Dekalb County, Georgia 30338
Commissioner District: 4**

**PROJECT DATA:
Land Lot: 353 & 354
District: 18 TH
Tax Parcel ID: 18 354 01 005
Zoning: R-A5**



FIRM MAP
FLOOD STATUSES: A PORTION OF THIS SITE IS IN A FLOOD HAZARD ZONE AS PER DEKALB COUNTY FLOOD MAP 1325030314, DATED MAY 07, 2001.

ACTIVITY	CONSTRUCTION SCHEDULE							
	1	2	3	4	5	6	7	8
1. MOBILIZE	█							
2. INITIAL EROSION CONTROL MEASURES	█	█						
3. INSTALL TEMPORARY SEEDMENT BASIN	█	█	█					
4. CLEANING & GRUBBING				█	█			
5. TEMPORARY GRASSING				█	█			
6. UTILITIES EXHUMATION						█	█	
7. GRASSING AND LAISSERAGE						█	█	
8. FINAL CLEAN-UP								█
9. MAINTAIN EROSION CONTROL MEASURES								█

MONTH 1 IS TO BE JULY 2006
TEMPORARY GRASSING TO BEGON TWO WEEKS AFTER THE INITIAL DISTURBANCE.
NOTE: INSTALLATION OF WATER QUALITY CONTROL DEVICES SHALL BE CONCURRENT WITH FINAL STABILIZATION AND/OR PRIOR TO MAINTENANCE/PERFORMANCE BOND EXPIRATION.

UTILITIES: DEKALB CO. WATER/SEWER AUTHORITY 770-724-1481 (ERICA KING)
ELECTRICAL: GEORGIA POWER 404-586-6539 (JAC COLLINS)
GAS: ATLANTA GAS LIGHT CONVEYERS 404-427-1861 (MYRON MATHEIS)
CABLE/COMCAST COMMUNICATIONS 770-559-6699 (TRACY SMALLWOOD)
TELEPHONE: BELLSOUTH 404-216-7772 (KEN RECTOR)
BELLSOUTH 404-359-0897 (BOBBY FERRELL)

LOT REQUIREMENT: 100' R-A5
LOT COVERAGE: not exceed 35%
MIN. LOT AREA: 6,000 s.f.
PROPOSED DENSITY: 1 unit/100 s.f.
MIN. HOUSE SIZE: not less than 2000 s.f.
MIN. BUILDING HGT.: 20 ft.
MIN. LOT WIDTH: 60 ft.
MIN. LOT DEPTH: NONE
FRONT SETBACK: 5 ft.
SIDE SETBACK: 15 ft.
REAR SETBACK: 30 ft.

TOTAL SITE AREA = 102.58
BUILD-OUT DISTURBANCE ACREAGE = 30.00 ACRES



2115 Monroe Drive N.E.
Suite 110
Atlanta, GA 30324
Phone: (678) 999-0173
Fax: (678) 999-0186
E-mail: johnson@gcerm.com
Project number: 11,0996,00

24 HOUR CONTACT: REVONDA COSSBY-MOODY
2115 MONROE DRIVE, SUITE 110
ATLANTA, GA. 30124
678-999-0173



INDEX OF DRAWINGS

DWG. NO.	TITLE
	COVER SHEET
G1.0	RECOMMENDED GENERAL NOTES & LEGEND
C1.0	EXISTING CONDITIONS PLAN
C1.1	SITE DEMOLITION PLAN
C2.0	SEDIMENTATION/EROSION CONTROL PLAN
C3.0	DETAILS
AB1.0	ASBESTOS PLAN-POWER PLANT BUILDING
AB1.1	ASBESTOS PLAN-THERAPY BLDG. GRD. FLOOR
AB1.2	ASBESTOS PLAN-THERAPY BLDG. 2ND. FLOOR
AB1.3	ASBESTOS PLAN-THERAPY BLDG. 3RD. FLOOR
AB1.4	ASBESTOS PLAN-COTTAGE Nos. 3 & 4
AB1.5	ASBESTOS PLAN-COTTAGE No. 5
E1.0	ENVIRONMENTAL PLAN-POWER PLANT BUILDING
E1.1	ENVIRONMENTAL PLAN-THERAPY BUILDING
E1.2	ENVIRONMENTAL PLAN-THERAPY BLDG. 2ND FLOOR

ALL EROSION AND SEDIMENTATION CONTROLS, AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING

RECOMMENDED GENERAL NOTES

GENERAL NOTES

1. NOTIFY DEKALB COUNTY PUBLIC WORKS 24 HOURS BEFORE BEGINNING EVERY PHASE OF CONSTRUCTION.
2. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
3. ALL CONSTRUCTION TO COMPLY WITH DEKALB COUNTY PUBLIC WORKS (WATER & SEWER) STANDARDS.
4. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY THE DEKALB COUNTY OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.
5. ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, EDGE OF PAVEMENT, CENTERLINE OF PIPE, CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
6. LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND MUST BE VISIBLE FROM A PUBLIC STREET.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION FOR THE EXACT LOCATION, SIZE, AND MATERIAL OF ALL EXISTING WATER AND SEWER LINES AND APERTURANCES ON THIS PROJECT.

DEMOLITION AND SITE PREPARATION NOTES

1. UTILITY NOTE:
ALL KNOWN UTILITIES HAVE BEEN SHOWN SCHEMATICALLY ON THE PLANS AND MAY NOT BE SHOWN ACCURATELY HORIZONTALLY OR VERTICALLY. UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTRACTING ALL UTILITY COMPANIES HAVING UTILITIES WITHIN OR ADJACENT TO THE WORK AREA. THE CONTRACTOR SHALL HAVE THE UTILITIES FIELD LOCATED AND COORDINATE WITH UTILITY COMPANIES TO HAVE THEM RELOCATED AND/OR ADAPTED FOR THE TE-INS.
2. DISCONNECT AND SEAL OFF ABANDONED UTILITIES AND UTILITIES TO BE REMOVED PRIOR TO START OF DEMOLITION. UTILITIES SHALL BE DISCONNECTED BELOW EXISTING GRADE OR OUTSIDE OF CONTRACT LIMITS BY THE APPLICABLE PUBLIC UTILITY. ALL COSTS FOR THIS WORK SHALL BE BORNE BY THE CONTRACTOR.
3. PRIOR TO ANY DEMOLITION, THE CONTRACTOR SHALL OBTAIN WRITTEN VERIFICATION FROM ALL UTILITY COMPANIES THAT ABANDONED UTILITIES LEFT ON-SITE HAVE BEEN ISOLATED FROM THEIR SOURCE AND MAY BE REMOVED BY THE CONTRACTOR. IF UTILITIES ARE TO REMAIN AND HAVE BEEN LEFT ACTIVE, THE CONTRACTOR SHALL CAREFULLY PROTECT THEM AND IS RESPONSIBLE FOR RESTORING THEM TO THEIR PREVIOUS CONDITION OR BETTER IF DAMAGED.
4. ALL STRUCTURES TO BE DEMOLISHED SHALL BE COMPLETELY REMOVED ABOVE AND BELOW GRADE. ABANDONED SERVICE LINES TO THE STRUCTURES SHALL ALSO BE REMOVED.
5. CONTRACTOR SHALL CLEARLY MARK AND MAINTAIN PROPERTY CORNER MONUMENTATION AND BENCHMARKS WHENEVER POSSIBLE AND WILL BE RESPONSIBLE FOR THE COST OF REPLACING THEM IF DISTURBED OR DESTROYED.
6. ALL VEGETATION (UNLESS OTHERWISE NOTED), EXISTING ASPHALT PAVEMENT, ORGANICS AND UNSUITABLE BEARING SOILS SHALL BE STRIPPED FROM THE SURFACE WITHIN THE CONSTRUCTION LIMITS AND DISPOSED OFF-SITE.
7. THE CONTRACTOR SHALL LEAVE THE SITE IN A CLEAN AND NEAT CONDITION. ALL DEBRIS, VEGETATION, LUMBER, CONCRETE, WHICH HAS BEEN REMOVED ETC., SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS OF THE STATE AND LOCAL GOVERNING AUTHORITIES.
8. CONTRACTOR SHALL COORDINATE WITH THE GAS COMPANY THE DEMOLITION OF ANY EXISTING GAS LINES AND THE INSTALLATION OF ANY NEW GAS LINES AND OR METERS AND PAY FOR ALL INSTALLATION COST OR FEES.

CONSTRUCTION NOTES

1. DIRT FOR FILL SHALL BE CLEAN, COHESIVE CLAY OR SANDY CLAY FREE OF DEBRIS, ORGANICS & DELETERIOUS MATERIAL. ALL FILL MATERIAL SHALL BE PLACED IN ACCORDANCE WITH RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL REPORT.
2. MAXIMUM CUT OR FILL SLOPES SHALL BE 2:1 (H:V) UNLESS SPECIFIED OTHERWISE BY OWNERS GEOTECHNICAL CONSULTANT.
3. EQUIPMENT AND MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER. CONSTRUCTION AND STORAGE AREAS SHALL BE KEPT NEAT AND CLEAN. TREE SAVE AREAS SHALL NOT BE USED FOR STORAGE OR PARKING. NO PARKING OR EQUIPMENT STORAGE IS PERMITTED WITHIN PUBLIC RIGHT-OF-WAY.
4. ALL MANHOLE TOPS SHALL BE SET FLUSH WITH FINISHED GRADE IN LANDSCAPED AND PAVED AREAS.
5. CONTRACTOR TO VERIFY THE ELEVATIONS OF ALL TE-IN POINTS FOR INSTALLATION OF UTILITIES, CURB & GUTTER AND PAVING.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF EXISTING SITE CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PROMPTLY UPON DISCOVERY.
7. ALL EXISTING ELECTRICAL BOXES, WATER METER BOXES, AND VALVE BOXES, WHICH ARE TO REMAIN SHALL BE SET FLUSH WITH THE TOP OF THE PROPOSED GRADE.
8. ALL VEGETATION, ROOT SYSTEMS, TOPSOIL, REFUSE AND OTHER DELETERIOUS, NON-SOIL MATERIAL SHALL BE STRIPPED FROM THE PROPOSED CONSTRUCTION AREAS. CLEAN TOPSOIL MAY BE STOCKPILED AND REUSED LATER IN LANDSCAPED AREAS.
9. CONDUITS FOR SITE LIGHTING SHALL BE INSTALLED, BACKFILLED AND PROPERLY COMPACTED PRIOR TO THE PLACEMENT OF BASE, PAVEMENT, AND CURB & GUTTER.
10. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN ENTERING MANHOLES, PIPES OR OTHER STRUCTURES SHOWN ON THE PLANS. AT A MINIMUM, PIPES AND STRUCTURES SHALL BE PROPERLY VENTILATED.
11. ALL NEW AND EXISTING STORM PIPES ARE TO BE COMPLETELY CLEANED OF ALL SILT AND DEBRIS AT THE COMPLETION OF CONSTRUCTION.

CONSTRUCTION NOTES (CONT.)

12. DRIVEWAYS SHALL BE CONSTRUCTED OF CONCRETE AND SLOPED PER GEORGIA HIGHWAY STANDARD 9031-L. CURB SHALL NOT BE BROKEN FROM CUTTER. CURB AND GUTTER TO BE REMOVED TO EXISTING CONSTRUCTION JOI=100', OR NEW JOI=100' SAWED.
13. ALL SILT BARRIERS AND CONSTRUCTION ENTRANCE PADS MUST BE PLACED PRIOR TO ANY CLEARING AND OR GRADING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION IS COMPLETE.
14. NO ADVERTISING SIGNS, DISPLAYS, DEVICES, OR ANY OTHER STRUCTURES WHICH ARE DESIGNED, INTENDED, OR USED TO ADVERTISE OR INFORM ARE PERMITTED INSIDE CITY RIGHTS-OF-WAY.
15. ALL CURBED ISLANDS SHALL BE FILED TO TOP OF CURB WITH TOP SOIL AND GRASSED.

LEGEND

	MANHOLE
	SIGNAL MANHOLE
	STORM DRAIN UNIT
	SINGLE WING CURB INLET
	DOUBLE WING CURB INLET
	DROP INLET
	PROPERTY CORNER MARKER
	UTILITY POLE
	LAMPOST
	GROUND LAMP
	HYDRANT
	POST INDICATOR VALVE
	WATER VALVE
	HEADWALL
	GRASS
	STORM DRAIN
	SANITARY SEWER
	WATER LINE
	GAS LINE
	TREE LINE
	CONCRETE
	RAMP
	WOODEN FENCE
	CHAIN LINK FENCE
	CLEANOUT
	PROPERTY LINE
	TREE

NOT for CONSTRUCTION

<p>G1.0 SHEET</p>	<p>RECOMMENDED GENERAL NOTES & LEGEND</p>	<p>CERM CORPORATE ENVIRONMENTAL RISK MANAGEMENT</p>	<p>2115 Monroe Drive N.E., Suite 110 Atlanta, GA 30324 Phone: (678) 999-0173 Fax: (678) 999-0186 E-mail: kbarruss@cerm.com Project number:</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">REVISIONS</th> <th style="width: 50%;">BY</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISIONS	BY						
REVISIONS	BY											
<p>BROOK RUN LL 353 & 354, 18 TH DISTRICT DEKALB COUNTY, GEORGIA</p> <p>DEKALB COUNTY PARKS & RECREATION</p>	<p>DATE: 06-30-06 SCALE: NTS</p> <p>JOB: 0882.034 DRAWING NUMBER: 1 OF 14</p>	<p>11</p>										

NOT for CONSTRUCTION

BROOK RUN
 LL 353 & 354, 18 TH DISTRICT
 DEKALB COUNTY, GEORGIA
 DEKALB COUNTY PARKS & RECREATION

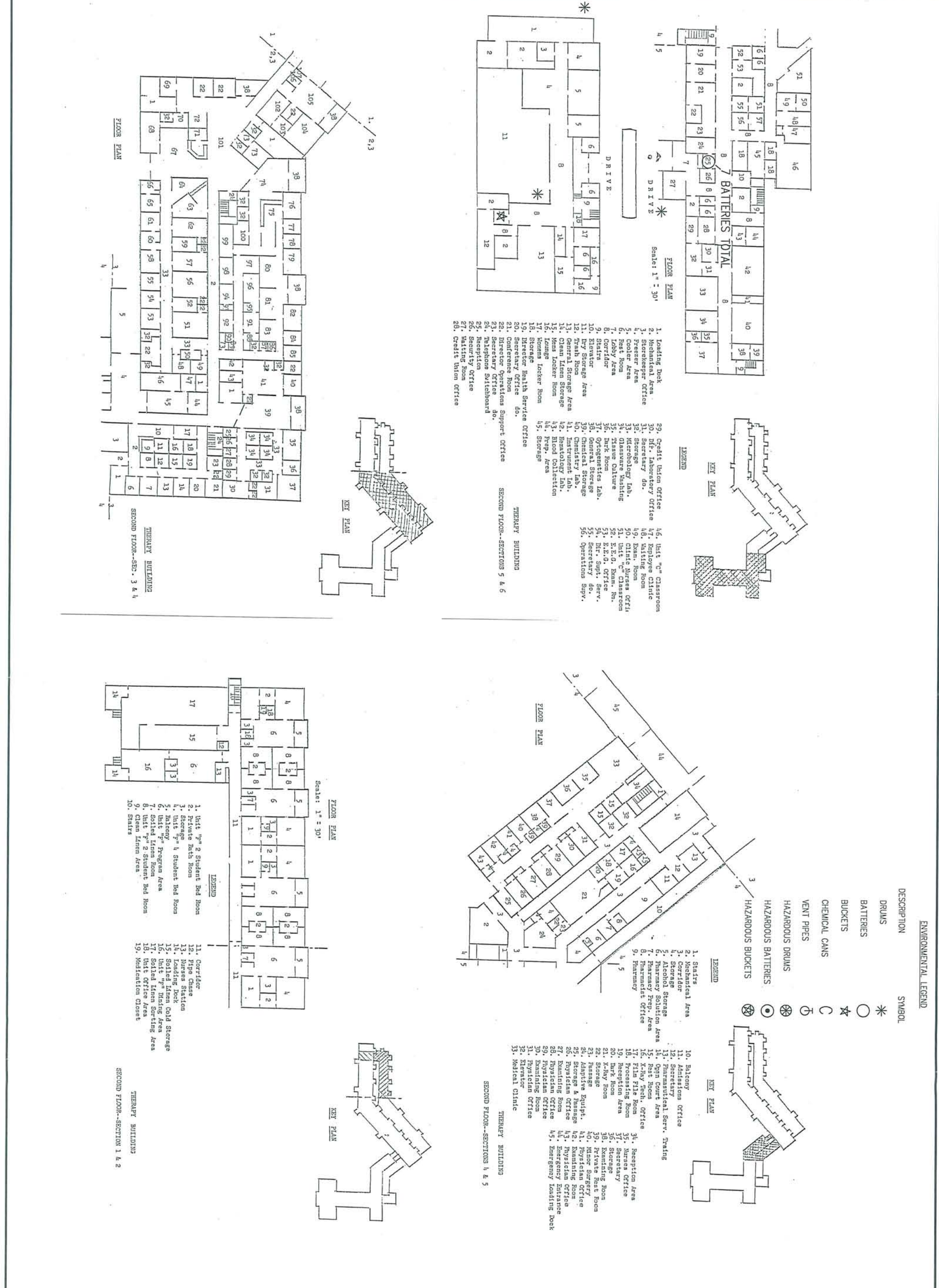
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 DRAWING NUMBER: 14 OF 14
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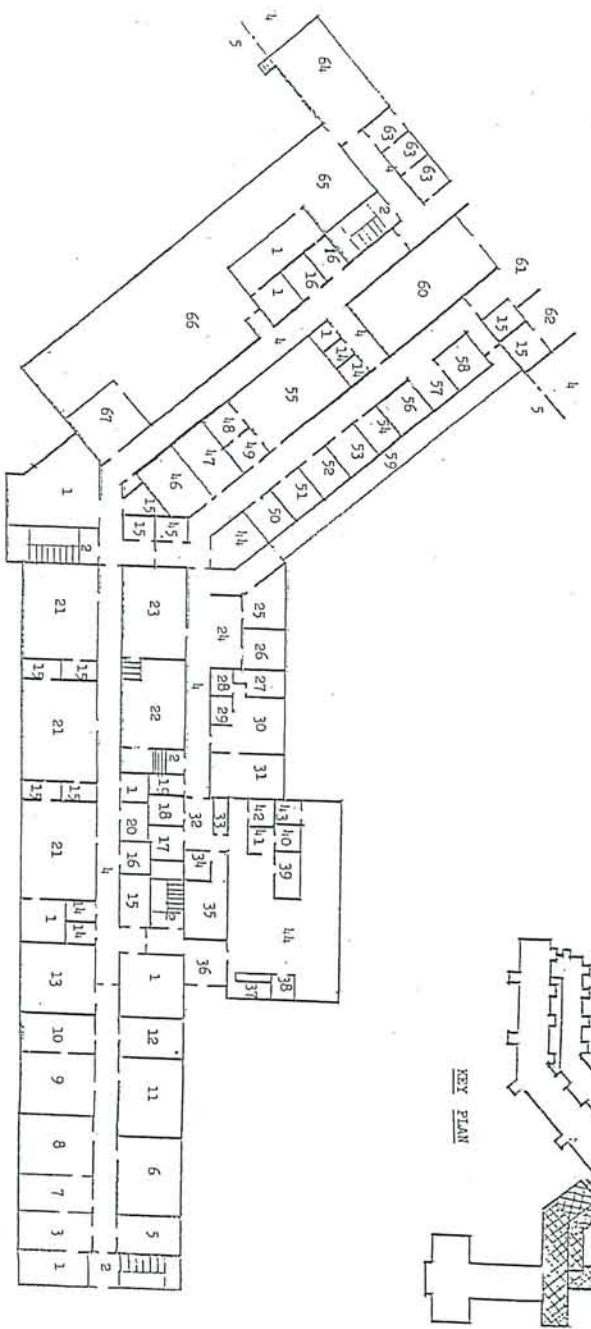
**ENVIRONMENTAL PLAN
 THERAPY 2ND FLOOR**



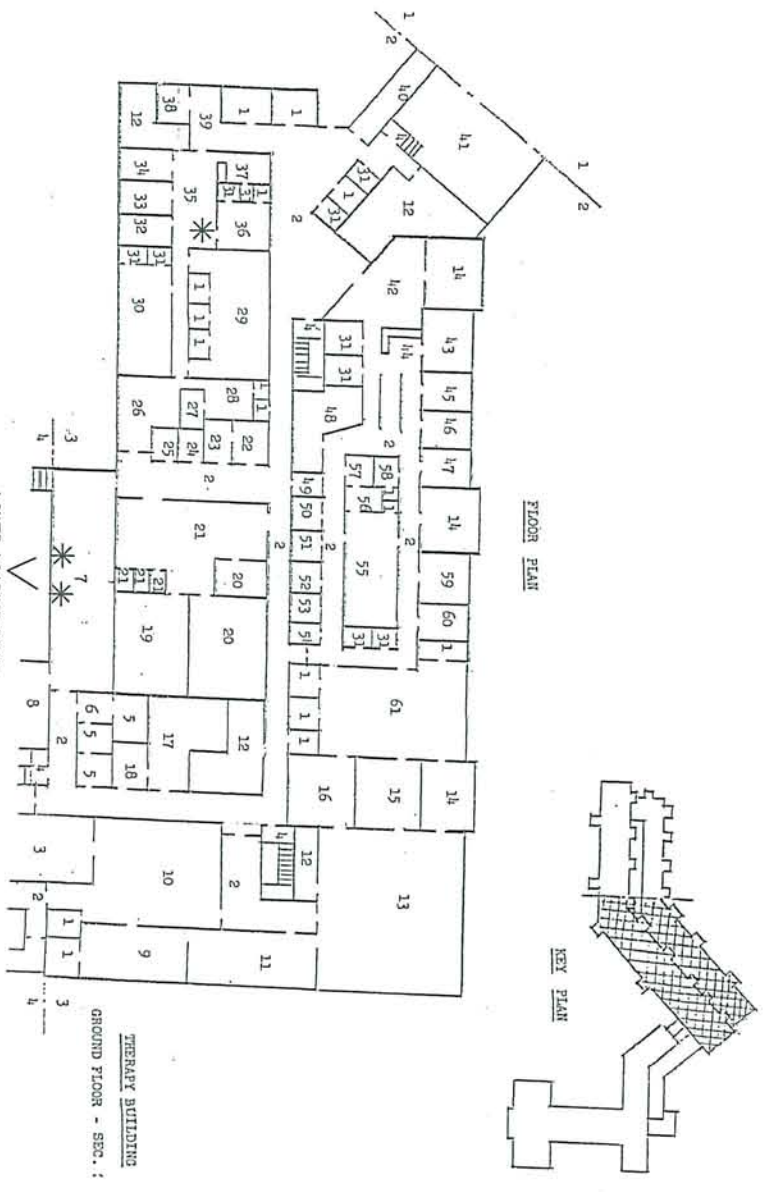
2115 Monroe Drive N.E.
 Suite 110
 Atlanta, GA 30324
 Phone: (678) 999-0173
 Fax: (678) 999-0186
 E-mail: kburruss@cerm.com
 Project number:

REVISIONS	BY



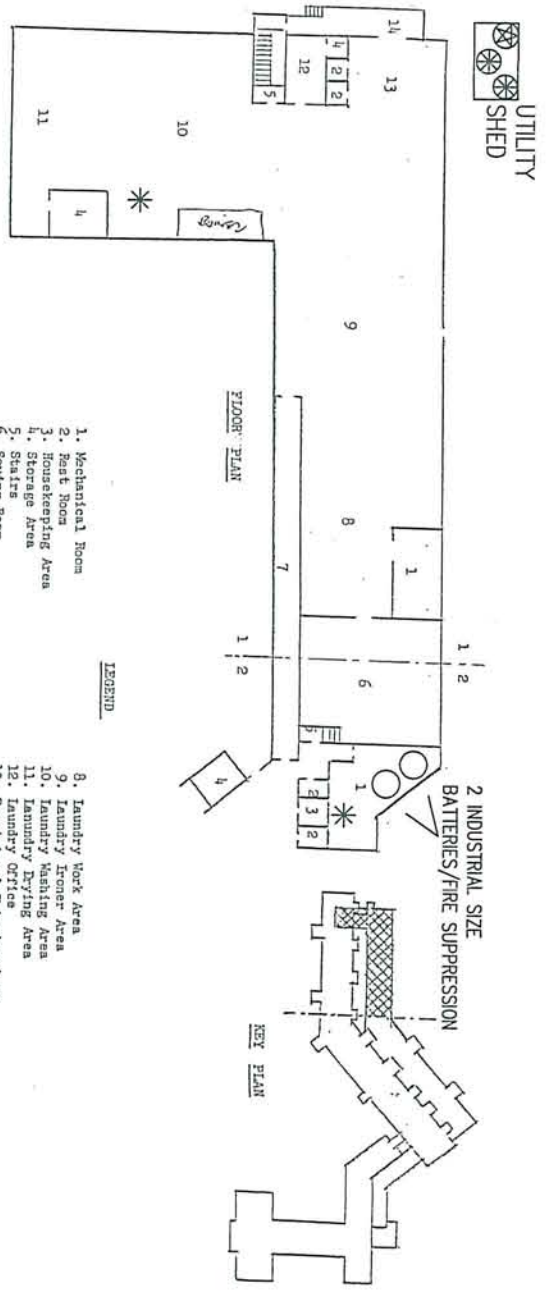


THE THERAPY BUILDING
GROUND FLOOR -- SEC. 4 & 5



LOWER LOADING DECK
(BASEMENT LEVEL)

THE THERAPY BUILDING
GROUND FLOOR -- SEC. 1, 2 & 3



THE THERAPY BUILDING
GROUND FLOOR -- SECTIONS 1 & 2

- LEGEND**
- 1. Mechanical Room
 - 2. Rest Room
 - 3. Housekeeping Area
 - 4. Storage Area
 - 5. Storage Area
 - 6. Storage Room
 - 7. Corridor Ramp

- 8. Laundry Work Area
- 9. Laundry Ironer Area
- 10. Laundry Washing Area
- 11. Laundry Drying Area
- 12. Laundry Office
- 13. Receiving & Shipping Area
- 14. Loading Dock

UTILITY SHED

2 INDUSTRIAL SIZE
BATTERIES/FIRE SUPPRESSION

ENVIRONMENTAL LEGEND

DESCRIPTION	SYMBOL
DRUMS	*
BATTERIES	○
BUCKETS	⊗
CHEMICAL CANS	⊕
VENT PIPES	⊖
HAZARDOUS DRUMS	⊗
HAZARDOUS BATTERIES	⊕
HAZARDOUS BUCKETS	⊖

NOT for CONSTRUCTION

BROOK RUN
LL 353 & 354, 18 TH DISTRICT
DEKALB COUNTY, GEORGIA
DEKALB COUNTY PARKS & RECREATION

**ENVIRONMENTAL PLAN
THERAPY BUILDING**



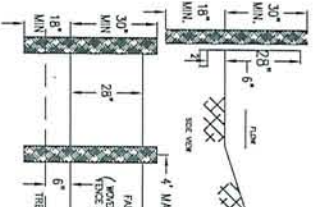
2115 Monroe Drive N.E.
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Phone: (678) 999-0173
Fax: (678) 999-0186
E-mail: kburruss@cerm.com
Project number:

REVISIONS	BY

E1.1
SHEET

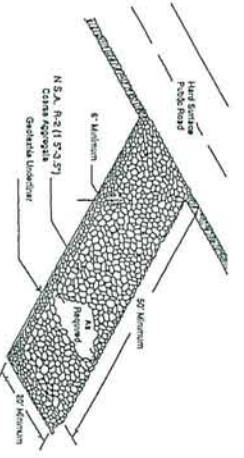
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DRAWING NUMBER: 13 OF 14

SCALE: 1"=100'
DATE: 06-30-06

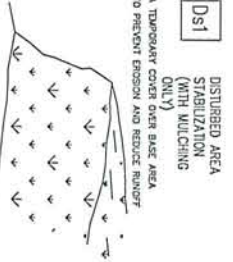


NOTE: USE 3/4\"/>

Sd1 - SILT FENCE - TYPE C
NO SCALE



Co - CRUSHED STONE CONSTRUCTION EXIT
NO SCALE



Ds1 - DISTURBED AREA STABILIZATION
NO SCALE



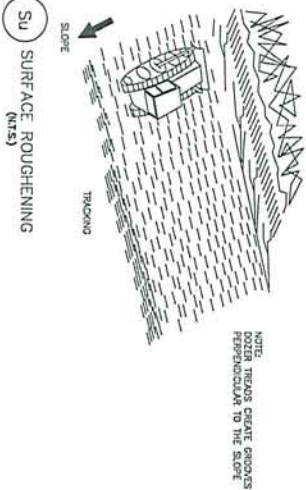
Ds2 - DISTURBED AREA STABILIZATION
NO SCALE



Ds3 - DISTURBED AREA STABILIZATION
NO SCALE

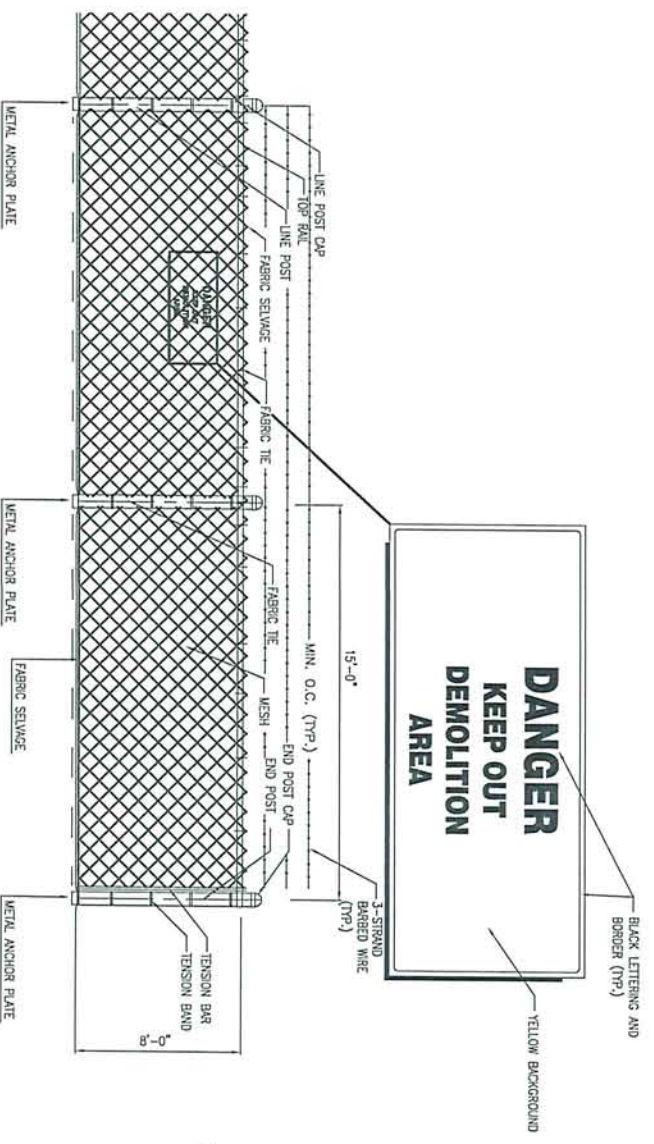


TP - TOPSOILING
NO SCALE

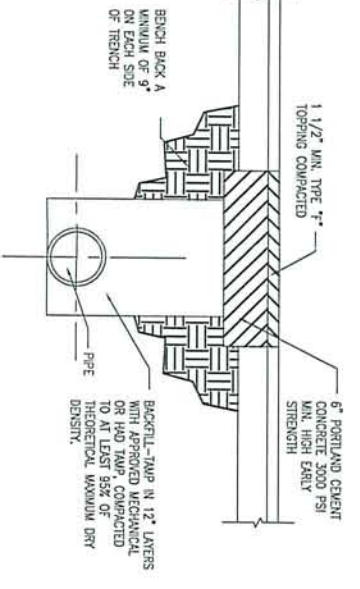


SU - SURFACE ROUGHENING
(N1S)
NO SCALE

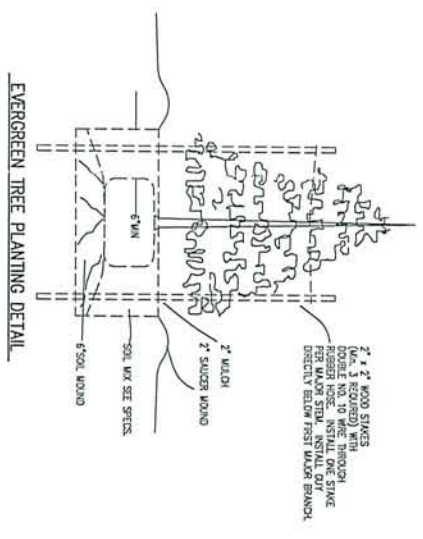
STRUCTURAL PRACTICES		VEGETATIVE MEASURES	
Cd	DITCH	Rd	RETAINING WALL
Cn	CHANNEL STABILIZATION	Rt	RETROFITTING
Ce	CONSTRUCTION EXIT	Sb	SEDIMENT BARRER
Ds	DIVERSION	Sd1	SEDIMENT TRAP
Dt1	TEMPORARY COMPOUND STRUCTURE	Sd2	RILET SEDIMENT TRAP
Dt2	PERMANENT COMPOUND STRUCTURE	Sd3	TEMPORARY SEDIMENT BASIN
Gs	GABION	Sr	TEMPORARY STREAM CROSSING
Gt	GRADE STABILIZATION STRUCTURE	St	TEMPORARY STREAM PROTECTION
Lv	LEAK SPREADER	Su	SURFACE ROUGHENING
Rd	ROCK FILTER DAM	TP	TOPSOILING
		WV	VEGETATED WATERWAY OR STREAMER CONFORMANCE CHANNEL
		Dj	DUST CONTROL ON DISTURBED AREAS
		Bf	BUFFER ZONE
		Cs	COASTAL DUNE STABILIZATION
		Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
		Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
		Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)
		Dj	DUST CONTROL ON DISTURBED AREAS



8\"/>



PAVEMENT REPLACEMENT DETAIL
SCALE: 1\"/>



EVERGREEN TREE PLANTING DETAIL

- NOTES:
1. ALL LATERAL STREET CURBS MUST BE COVERED WITH STEEL PLATES OF SUFFICIENT THICKNESS TO SPAN THE CUT WITHOUT NOTICEABLE DEFLECTION. PLATE TO REMAIN IN PLACE UNTIL THE CONCRETE BASE HAS GAINED SUFFICIENT STRENGTH TO WITHSTAND TRAFFIC LOADS (24 HOUR MINIMUM), WHEN NOT LONGER THAN SEVEN (7) CURE DAYS OF REPAIR.
 2. ON LONGITUDINAL CUTS EXCEEDING 150 FT. IN LENGTH, THE CONCRETE IN THE TRENCH WILL BE BROUGHT FLUSH WITH THE EXISTING PAVEMENT AND THE ENTIRE WIDTH OF ROADWAY RESURFACED WITH A MINIMUM OF 1\"/>

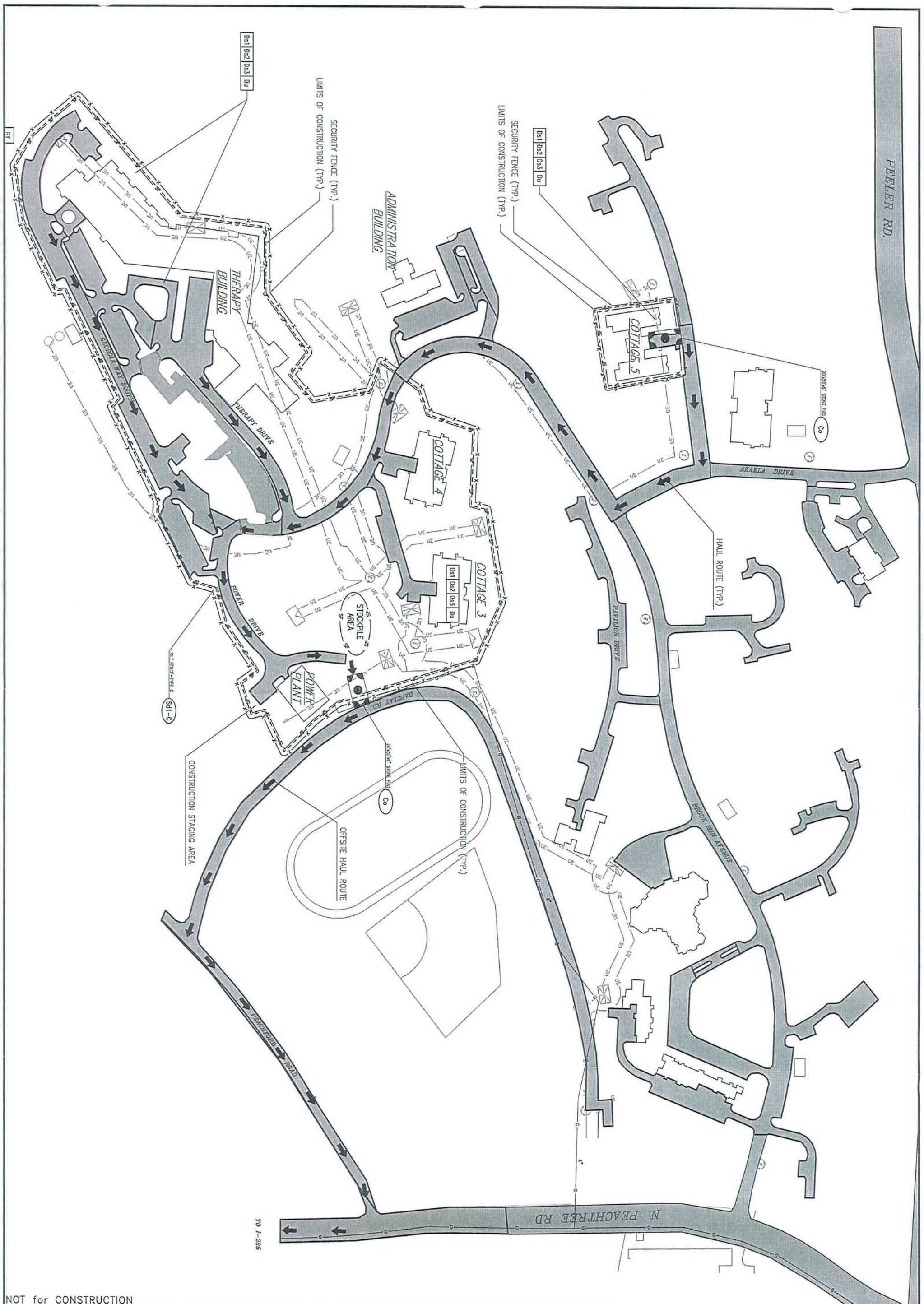
NOT for CONSTRUCTION

DETAILS



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 Project number:

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BROOK RUN
 LL 353 & 354, 18 TH DISTRICT
 DEKALB COUNTY, GEORGIA
 DEKALB COUNTY PARKS & RECREATION

EROSION CONTROL PLAN



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C2.0
 SHEET
 4 OF 14

DATE: 06-30-06
 SCALE: 1" = 100'
 JOB: 0862.03.4
 DRAWING NUMBER
 SHEET

PEELER RD.

AEARLA DRIVE

HAUL ROUTE (TYP.)

BROOK RUN AVENUE

N. PEACHTREE RD.



- DEMOLITION NOTES
1. CONTRACTOR TO DEMOLISH AND REMOVE BUILDING PRIOR TO DEMOLITION OF EXISTING ROADWAY.
 2. CONTRACTOR TO SHEEP AND CLEAN BROOK RUN AVENUE AFTER DEMOLITION AND REMOVAL OF CONSTRUCTION DEBRIS.
 3. CONTRACTOR TO REMOVE EXISTING UNDERGROUND TANKS PRIOR TO BUILDING DEMOLITION.
 4. HAUL ALL CONSTRUCTION DEBRIS OFF SITE.
- TO F-266
- DEMOLITION NOTES (SEE DEMOLITION NOTES SHEET NO. G10)

- ① DEMOLISH AND REMOVE EXISTING ASPHALT PAVEMENT
- ② DEMOLISH AND REMOVE EXISTING CONCRETE CURB, DRIVEWAY, DITCH, ETC.
- ③ RAISE TOP EXISTING SANITARY MANHOLE 2' ABOVE NEW GRADE ELEVATION
- ④ DEMOLISH AND REMOVE EXISTING SANITARY MANHOLE AND PIPE
- ⑤ DEMOLISH AND REMOVE EXISTING TELEPHONE LINE
- ⑥ DEMOLISH AND REMOVE EXISTING STORM PIPE
- ⑦ RELOCATE EXISTING ELECTRICAL LINES (TO BE DONE BY OTHERS)
- ⑧ RELOCATE EXISTING WATER LINES, ADJUST METERS & VALVE BOXES TO GRADE (TO BE DONE BY OTHERS)
- ⑨ RELOCATE EXISTING TELEPHONE LINES (TO BE DONE BY OTHERS)
- ⑩ SAW-CUT EXISTING PAVEMENT

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DEMOLITION PLAN



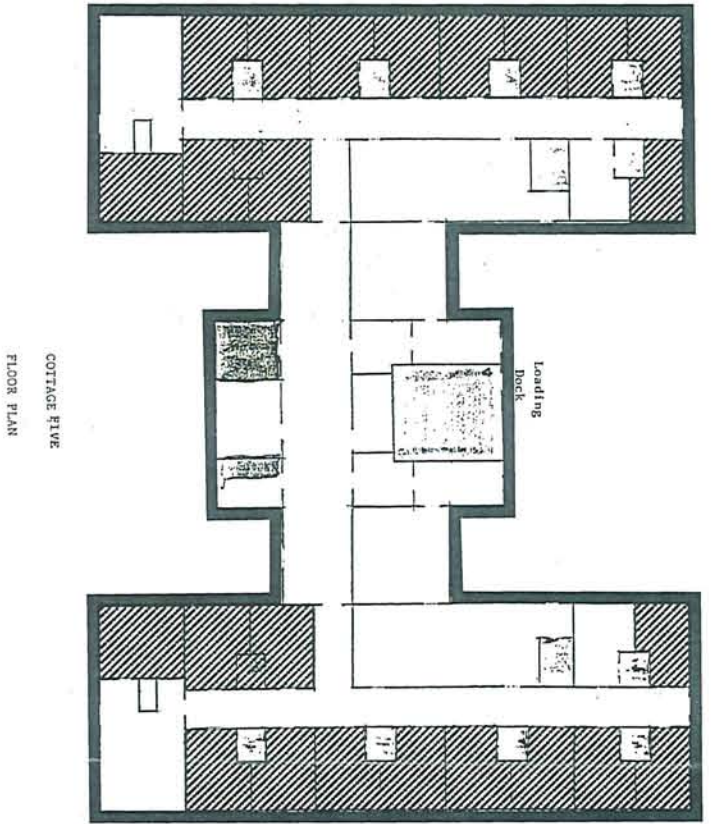
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 Project number:

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C1.1
 SHEET

JOB: 0862.034
 DRAWING NUMBER: 3 OF 14

DATE: 06-30-06
 SCALE: 1" = 100'



LEGEND

DESCRIPTION	SYMBOL
1"X1' CEILING TILE	
12"X12" FLOOR TILE/MASTIC	
SPRAY APPLIED FIREPROOFING	
CAULKING ON HVAC DUCTS	
TRASITE SOFTI PANELS	
TRANSITE WINDOW PANELS/WALL PANELS	
PIPE/PIPE FITTING INSULATION	
FIRE DOORS	
ROOF FLASHING MATERIALS	

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ASBESTOS PLAN
COTTAGE No. 5

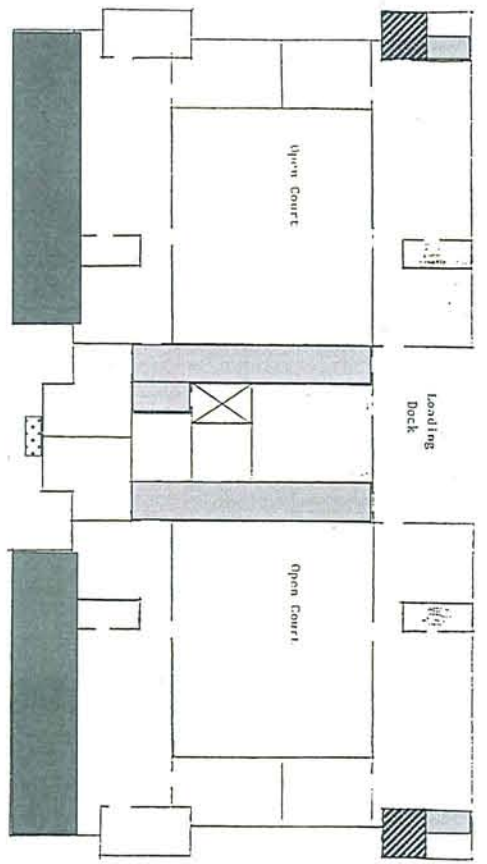


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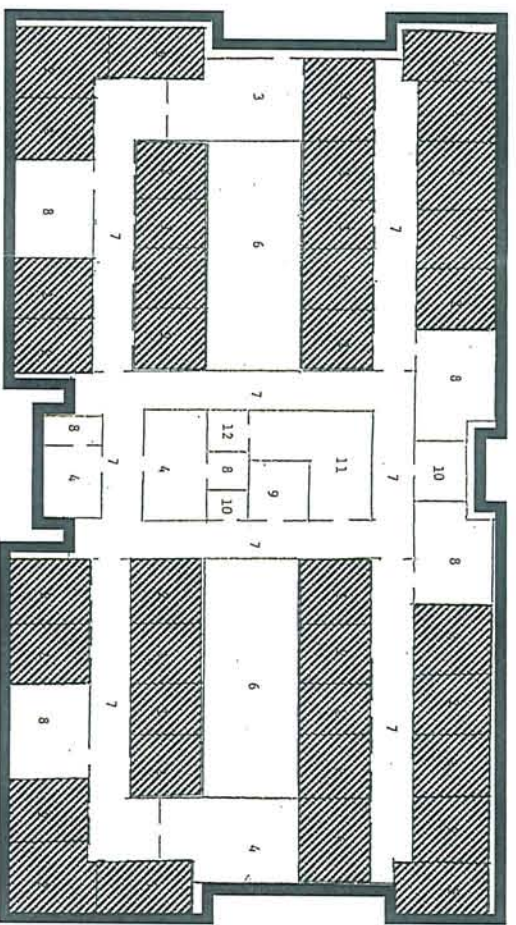
REVISIONS	BY

AB1.5
 SHEET
 11 OF 14
 DRAWING NUMBER
 0862.034
 JOB:

DATE: 06-30-08
 SCALE: 1"=100'



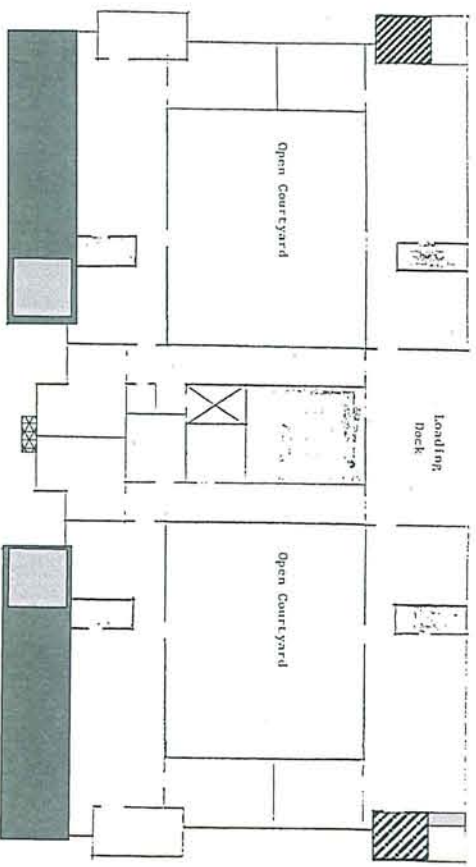
COTTAGE THREE
LOWER FLOOR PLAN



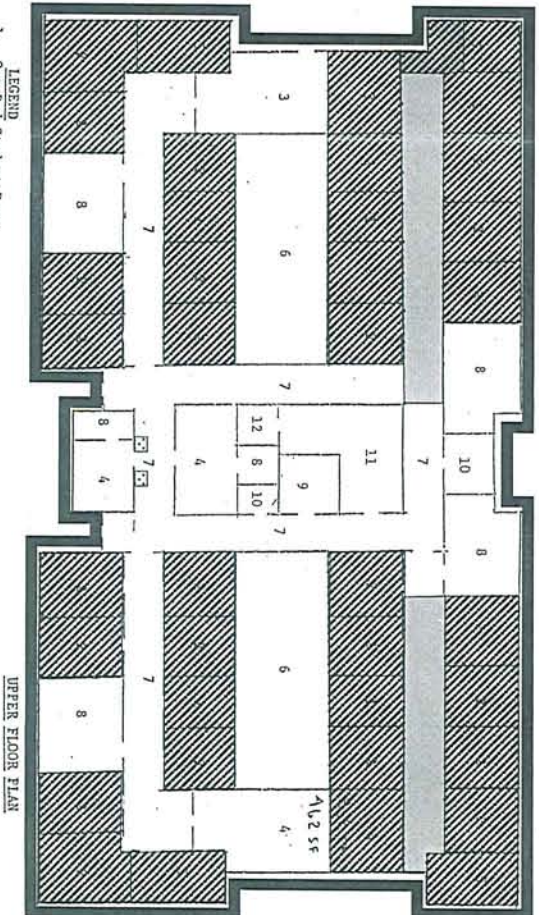
- LEGEND
1. One Bed Student Room
 2. Two Bed Student Room
 3. Student Program Area
 4. Office Area
 5. Stairs
 6. Open Atrium
 7. Corridor
 8. Bathroom Area
 9. Clinic Area
 10. Laundry Area
 11. Storage Area
 12. Elevator

GEORGIA RENOVATION CENTER
COTTAGE

DESCRIPTION	SYMBOL
1'x1' CEILING TILE	[Hatched pattern]
12'x12' FLOOR TILE/MASTIC	[Diagonal lines]
SPRAY APPLIED FIREPROOFING	[Dark grey fill]
CAULKING ON HVAC DUCTS	[Cross-hatched pattern]
TRASHIE SOFTFIT PANELS	[Solid black fill]
TRANSITE WINDOW PANELS/WALL PANELS	[Dotted pattern]
PIPE/PIPE FITTING INSULATION	[Dashed line]
FIRE DOORS	[FD]
ROOF FLASHING MATERIALS	[Hatched pattern]



COTTAGE FOUR
LOWER FLOOR PLAN



- LEGEND
1. One Bed Student Room
 2. Two Bed Student Room
 3. Student Program Area
 4. Office Area
 5. Stairs
 6. Open Atrium
 7. Corridor
 8. Bathroom Area
 9. Clinic Area
 10. Laundry Area
 11. Storage Area
 12. Elevator

GEORGIA RENOVATION CENTER
COTTAGE

NOT for CONSTRUCTION

AB1.4 SHEET

JOB: 0862.034
DRAWING NUMBER 10 OF 14

DATE: 06-30-05
SCALE: 1"=100'

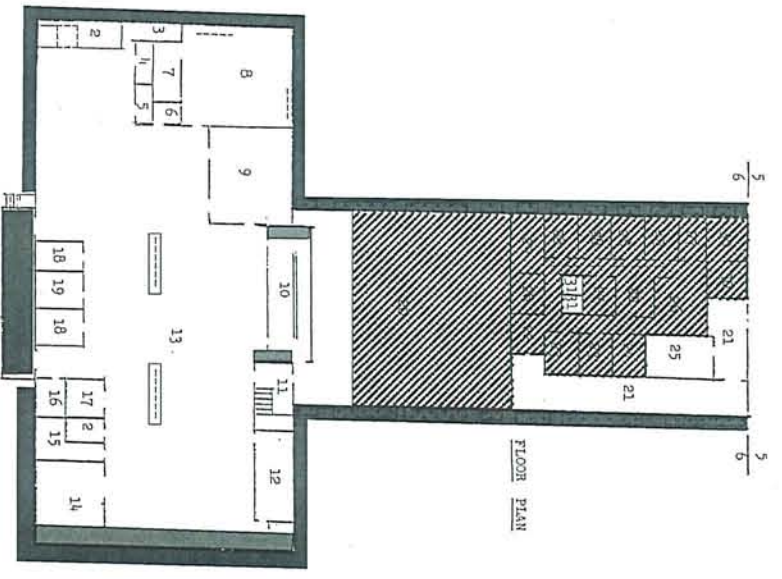
BROOK RUN
LL 353 & 354, 18 TH DISTRICT
DEKALB COUNTY, GEORGIA
DEKALB COUNTY PARKS & RECREATION

ASBESTOS PLAN
COTTAGE Nos. 3 & 4

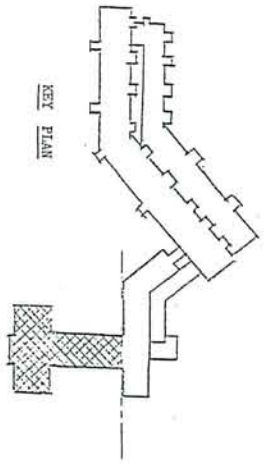
CERM
CORPORATE ENVIRONMENTAL RISK MANAGEMENT

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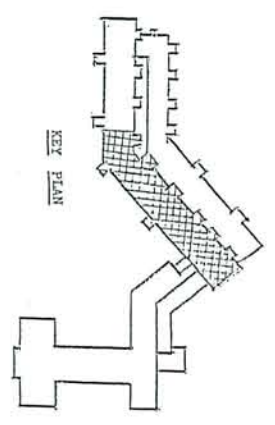
- LEGEND**
- 1. Loading Dock
 - 2. Mechanical Area
 - 3. Soiled Linen Area
 - 4. Janitor Closet
 - 5. Linen Storage Closet
 - 6. Formula Area
 - 7. Ice Cream Area
 - 8. Bakery Area
 - 9. Rehabwashing Area
 - 10. Food Serving Line Area
 - 11. Stairs
 - 12. Nutrition Office Area
 - 13. Kitchen Area
 - 14. Food Preparation Area
 - 15. Dry Storage Area
 - 16. Can Wash Area



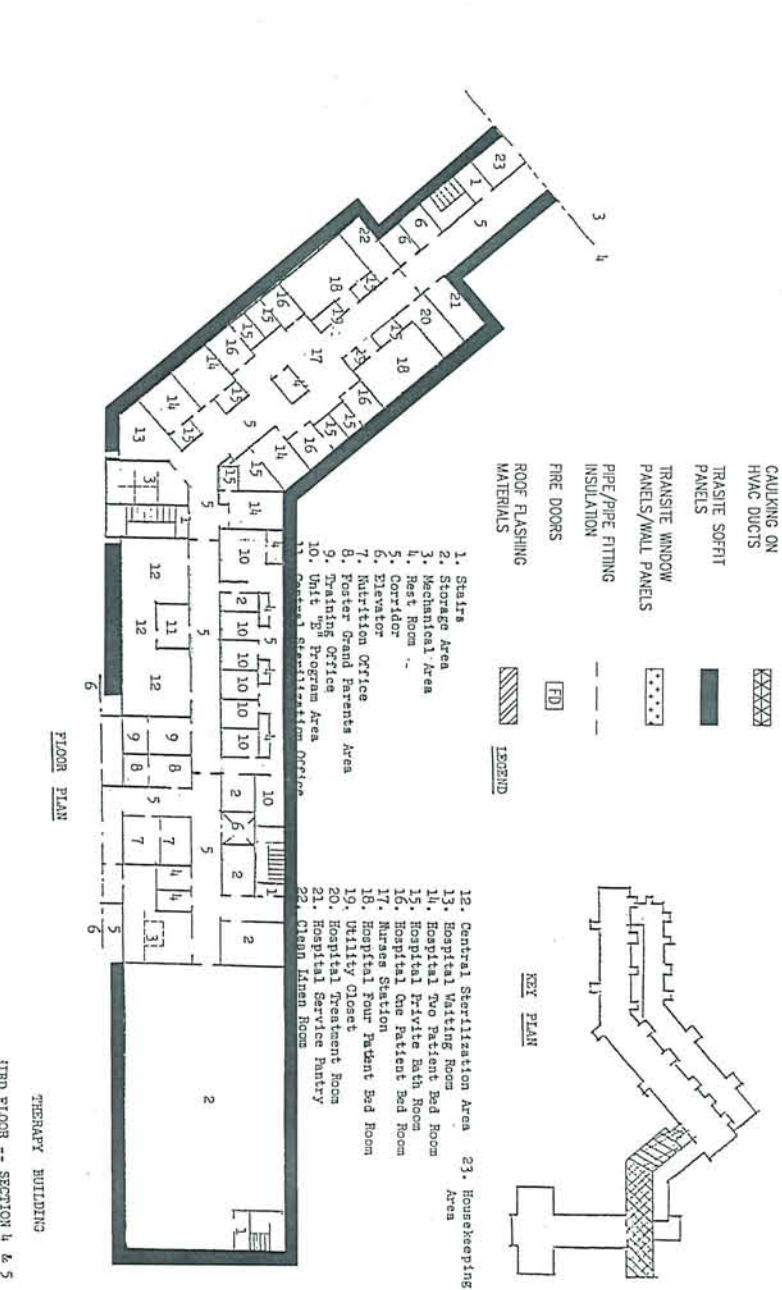
TERAPY BUILDING
THIRD FLOOR--SECTION 5 & 6



- LEGEND**
- 1. Laundry Area
 - 2. Unit "p" - 2 Skilled Care
 - 3. Soiled Linen Area
 - 4. Bath Area
 - 5. Open Court Area
 - 6. Student Program Area
 - 7. Unit "p" - 2 Skilled Care
 - 8. Corridor
 - 9. Rest Room
 - 10. Nurses Lounge
 - 11. Nurses Station
 - 12. Unit "p" - 2 Skilled Care
 - 13. Storage Area

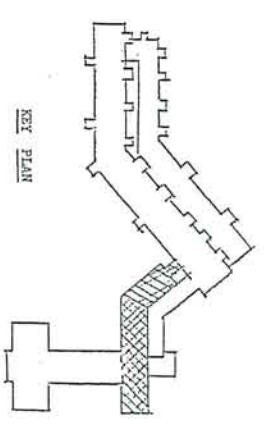


TERAPY BUILDING
THIRD FLOOR--SECTION 2 & 3

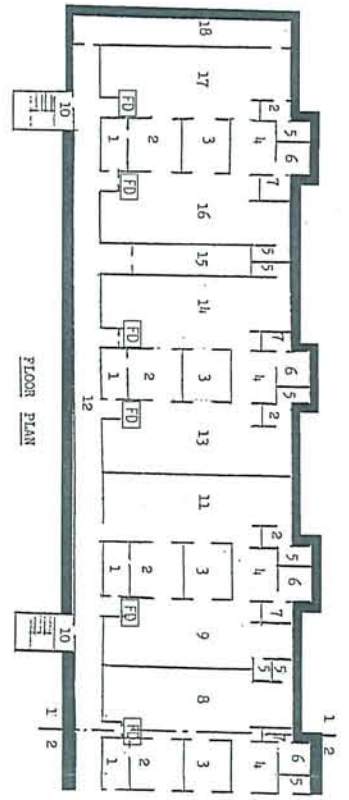


- LEGEND**
- 1. Soiled Linen Area
 - 2. Bath Area
 - 3. Open Court Area
 - 4. Nurses Station
 - 5. Storage Area
 - 6. Nurses Lounge
 - 7. Rest Room
 - 8. Unit "p" - 6 Intermediate Care
 - 9. Unit "p" - 7 Intermediate Care

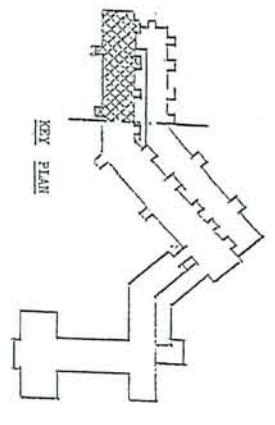
- LEGEND**
- | | |
|------------------------------------|----------|
| DESCRIPTION | SYMBOL |
| 1"x1" CEILING TILE | [Symbol] |
| 12"x12" FLOOR TILE/MASITIC | [Symbol] |
| SPRAY APPLIED FIREPROOFING | [Symbol] |
| CAULKING ON HVAC DUCTS | [Symbol] |
| TRASITE SOFFIT PANELS | [Symbol] |
| TRANSITE WINDOW PANELS/WALL PANELS | [Symbol] |
| PIPE/PIPE FITTING INSULATION | [Symbol] |
| FIRE DOORS | [Symbol] |
| ROOF FLASHING MATERIALS | [Symbol] |



TERAPY BUILDING
THIRD FLOOR--SECTION 1 & 2



- LEGEND**
- 10. Stairs
 - 11. Unit "p" - 7 Intermediate Care
 - 12. Corridor
 - 13. Unit "p" - 7 Intermediate Care
 - 14. Unit "p" - 8 Intermediate Care
 - 15. Nurses Office
 - 16. Unit "p" - 9 Intermediate Care
 - 17. Unit "p" - 9 Intermediate Care
 - 18. Unit "p" - 7 Program Area



TERAPY BUILDING
THIRD FLOOR--SECTION 1 & 2

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DEKALB COUNTY, GEORGIA
DEKALB COUNTY PARKS & RECREATION

ASBESTOS PLAN
THERAPY 3RD FLOOR



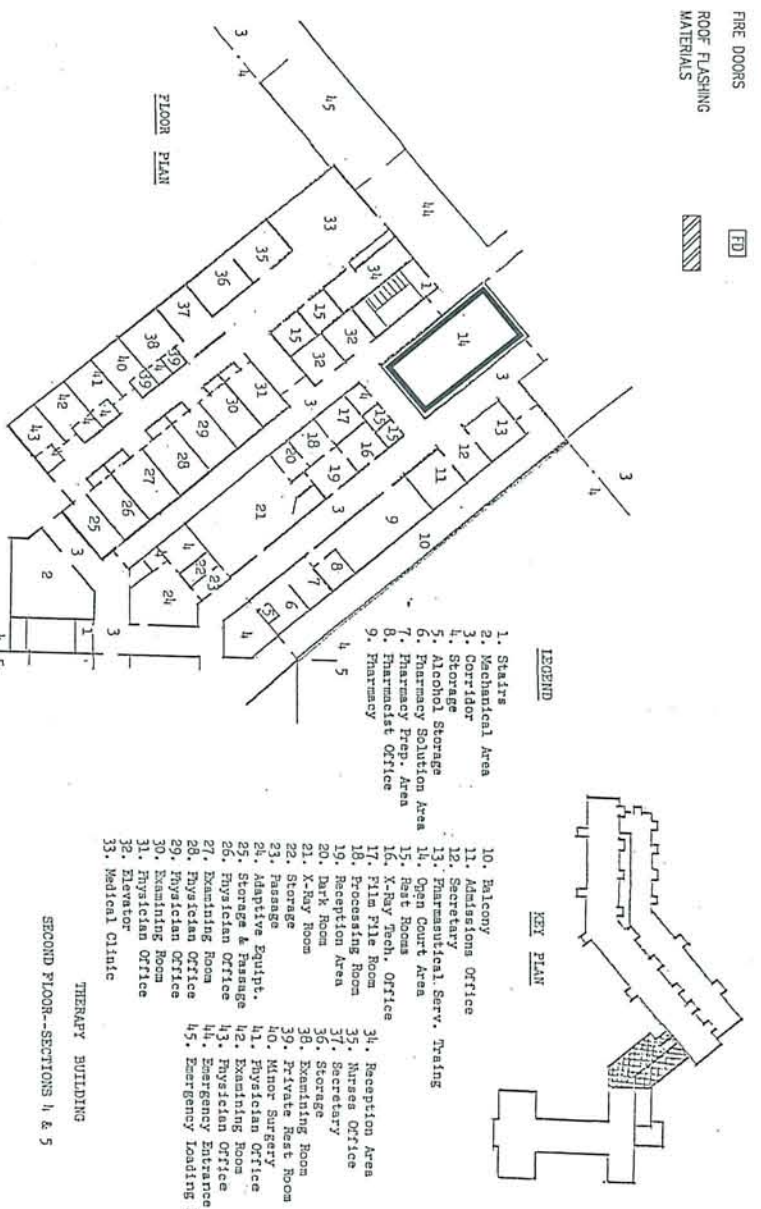
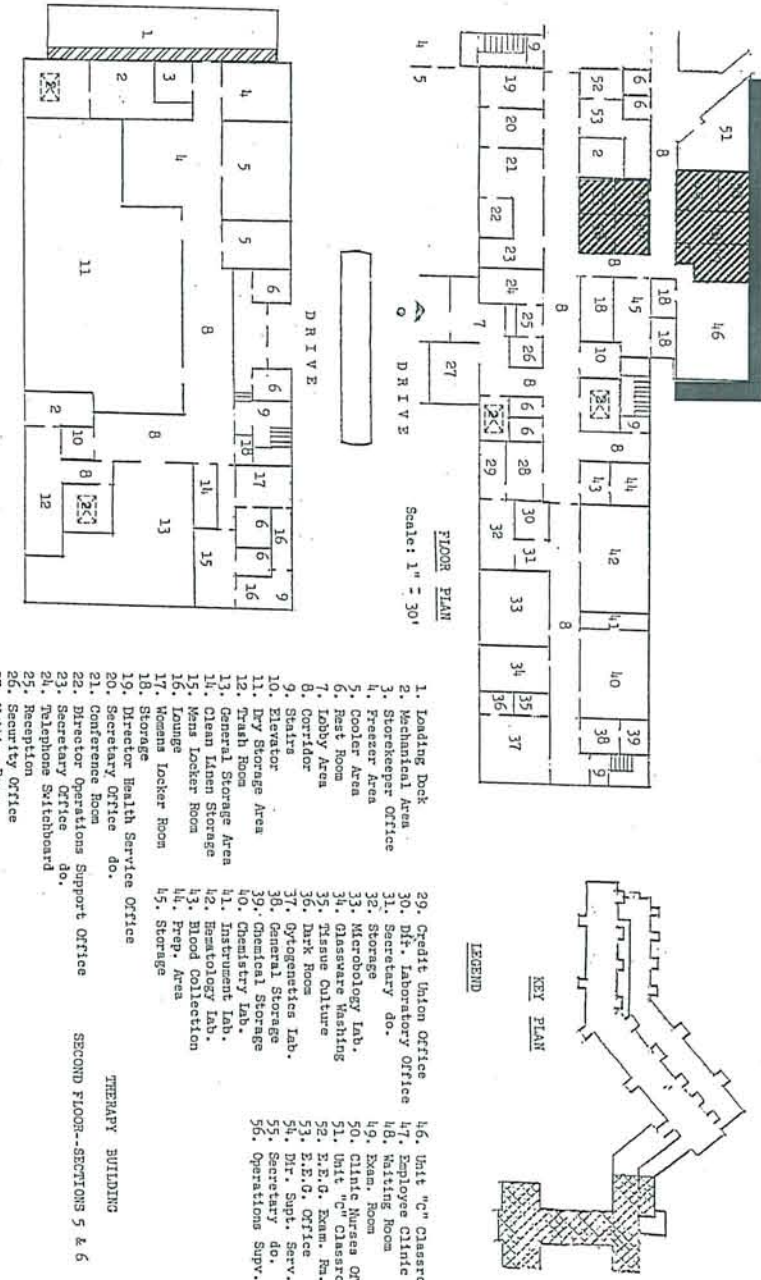
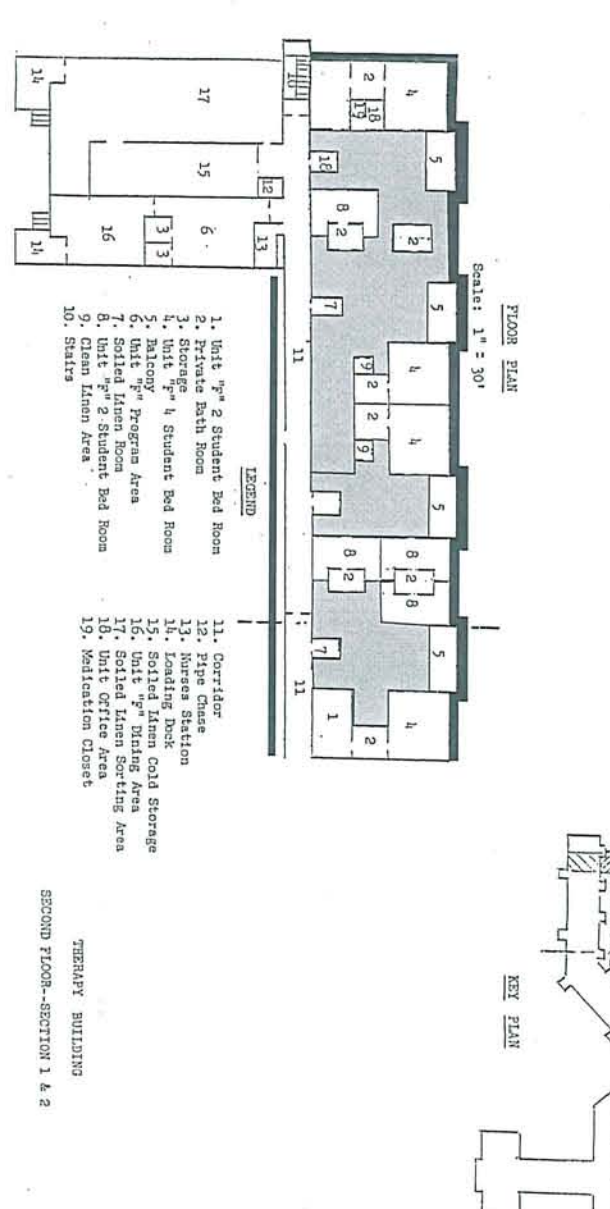
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AB1.3

JOB: 0862.034
DRAWING NUMBER: 9 OF 14
SHEET

DATE: 06-30-06
SCALE: 1"=100'



LEGEND

DESCRIPTION	SYMBOL
1'x1' CEILING TILE	[Symbol]
12"x12" FLOOR TILE/MASTIC	[Symbol]
SPRAY APPLIED FIREPROOFING	[Symbol]
CAULKING ON HVAC DUCTS	[Symbol]
FRASITE SOFTT PANELS	[Symbol]
TRANSITE WINDOW PANELS/WALL PANELS	[Symbol]
PIPE/PIPE FITTING INSULATION	[Symbol]
FIRE DOORS	[Symbol]
ROOF FLASHING MATERIALS	[Symbol]

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BROOK RUN
 LL 353 & 354, 18 TH DISTRICT
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ASBESTOS PLAN
THERAPY 2ND FLOOR



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REVISIONS	BY

AB1.2

DATE: 06-30-06
 SCALE: 1"=100'
 JOB: 0662.034
 DRAWING NUMBER: B OF 14
 SHEET

