

APPENDIX E

Interoffice Memorandum

To [REDACTED] Location Amherst, NY Date July 25, 2007
From [REDACTED] Location Bloomfield, NJ Job No. 100657/100740
Subject Guterl Steel

I have reviewed the results of the air sampling which was conducted at the Guterl Steel Site. Based on the tasks performed during the air sampling and the description of the work you have provided to me, it appears that the air sampling results cover the standard tasks you will be performing during the radiation survey work at the facility.

All of the air sample results came back below the OSHA permissible exposure limit and the clearance levels established by the EPA. Based on those air sample results, the workers performing the following tasks will not be exposed to asbestos concentrations in excess of the OSHA or EPA levels.

1. Establishing the survey grid system in the building using paint
2. Interior building surface total contamination survey, scanning each 1 meter grid with a "rad" instrument, passed over the surface maintaining 1/4" distance between the unit and the surface.
3. Interior building surface removable contamination survey using cloth swipes over a 100 square centimeter grid to collect any transferable/removable contamination.
4. Soil sample collection in specific areas within the footprint of the building using a Geoprobe®.

The intent of the activities within the building is to identify radiation related contaminating and is not to disturb the asbestos-containing materials within the building; therefore, this is not considered to be an asbestos project. The employees do not have to be licensed asbestos handlers, and the company is not required to be an asbestos contracting firm. The employees are required to complete a two hour asbestos awareness course because they will be working around asbestos. The training can be provided by a local training school or possibly a college in the area.

As long as the personnel performing the above tasks use the same means and methods utilized during the collection of the representative air samples, no exposure is anticipated and this work can proceed without need for respiratory protection. If any of the activities were not covered under the initial air sampling program, additional air samples will be required to assess the potential for exposure during the new activities. If any of the techniques change, a similar re-assessment will be required. For all activities which have not been assessed, the employees must wear an air purifying respirator (APR) with a high protection factor, and air monitoring must be completed to determine the worker exposure from the new activity. Personal protective equipment requirements may vary based on the air sampling results for each task.

On Monday July 2, 2007, I contacted the New York Department of Labor Asbestos Control Bureau in Buffalo, New York ((716) 847-7601). I informed them of the project, the intent of the project, the extent of our work, the activities proposed, and the results of our air sampling activities. The

[REDACTED]
July 25, 2007
Page 2 of 2

Asbestos Control Bureau concurs that this is not an asbestos project. They stated that the two hour awareness training is acceptable for the workers under these conditions.

Based on the above information this is not an asbestos project, and other than the assessment of new tasks and activities and the need for the two hour awareness training, no additional asbestos related restrictions are required.



July 13, 2007

[REDACTED]
Earth Tech Incorporated
c/o Extended Stay America
125 Inn Keepers Lane
Amherst, NY 14228

DOH ELAP# 11626

Account# 17104

Login# L155581

[REDACTED]
Enclosed are the analytical results for the samples received by our laboratory on July 12, 2007.

All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded sixty days from the date of this report.

Please contact [REDACTED] if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

[REDACTED]
Enclosure(s)



6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Earth Tech Incorporated
Site : GuterL
Project No. : GuterL
Date Sampled : 11-JUL-07
Date Received : 12-JUL-07
Date Analyzed : 13-JUL-07
Report ID : 542915
Account No.: 17104
Login No. : L155581

Total Fiber Count

Sample ID	Lab ID	Fibers/ Fields	Fibers/ mm2	Fibers/ Filter	Air Volume (cc)	Fibers/ cc
PENA 7-11-07	L155581-1	6/100	<13	<5000	570,000	<0.009
FONTAINE 7-11-07	L155581-2	4/100	<13	<5000	570,000	<0.009
AREA 7-11-07	L155581-3	6/100	<13	<5000	780,000	<0.006
LAB BLANK	L155581-4	0/100	<13	<5000	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Sample Matrix : PCM	Submitted by : PW
Analytical Method : NIOSH 7400 "A" Rules; PCM	Approved by : paw
Limit of Quantitation : 10 Fibers/ 100 Fields	Date : 13-JUL-07
Microscope field area : 0.00785 mm2	QC by: Tony D'Amico
Filter collection area: 385 mm2	NYSDOH # : 11626

< -Less Than	> -Greater Than	ND -Not Detected
NA -Not Applicable	cc -Cubic Centimeters	NS -Not Specified
mm2 -Square millimeters		

Intralaboratory & Interlaboratory relative standard deviation records are on file and can be provided upon request.



LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client Name : Earth Tech Incorporated
Site : GuterL
Project No. : GuterL

Date Sampled : 11-JUL-07
Date Received: 12-JUL-07
Date Analyzed: 13-JUL-07

Account No.: 17104
Login No. : L155581

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceeding the final result column may have been rounded in order to fit the report format and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

L155581 (Report ID: 542915) : SOPs: ia-pcm(7)

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



[REDACTED]

July 16, 2007

Earth Tech Incorporated
c/o Extended Stay America
125 Inn Keepers Lane
Amherst, NY 14228

DOH ELAP# 11626

Account# 17104

Login# L155659

[REDACTED]

Enclosed are the analytical results for the samples received by our laboratory on July 13, 2007.

All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded sixty days from the date of this report.

Please contact [REDACTED] if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

[REDACTED]

Enclosure(s)



6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Earth Tech Incorporated
Site : Guterl
Project No. : Guterl
Date Sampled : 12-JUN-07
Date Received : 13-JUL-07
Date Analyzed : 16-JUL-07
Report ID : 543015

Account No.: 17104
Login No. : L155659

Total Fiber Count

Sample ID	Lab ID	Fibers/ Fields	Fibers/ mm2	Fibers/ Filter	Air Volume (cc)	Fibers/ cc
PENA 7-12-07	L155659-1	5/100	<13	<5000	446,000	<0.01
FONTAINE 7-12-07	L155659-2	4/100	<13	<5000	446,000	<0.01
AREA 7-12-07	L155659-3	1/100	<13	<5000	690,000	<0.007
LAB BLANK	L155659-4	0/100	<13	<5000	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Sample Matrix : PCM	Submitted by : jan
Analytical Method : NIOSH 7400 "A" Rules; PCM	Approved by : APS
Limit of Quantitation : 10 Fibers/ 100 Fields	Date : 16-JUL-07
Microscope field area : 0.00785 mm2	QC by: Tom Burgess
Filter collection area: 385 mm2	NYSDOH # : 11626

< -Less Than	> -Greater Than	ND -Not Detected
NA -Not Applicable	cc -Cubic Centimeters	NS -Not Specified
mm2 -Square millimeters		

Intralaboratory & Interlaboratory relative standard deviation
records are on file and can be provided upon request.



LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client Name : Earth Tech Incorporated
Site : Guterl
Project No. : Guterl

Date Sampled : 12-JUN-07
Date Received: 13-JUL-07
Date Analyzed: 16-JUL-07

Account No.: 17104
Login No. : L155659

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceeding the final result column may have been rounded in order to fit the report format and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

L155659 (Report ID: 543015) : SOPs: 1a-pcm(7)

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	

August 22, 2007

[REDACTED]
Earth Tech Northeast, Inc.
100 Corporate Parkway, Suite 341
Amherst, NY 14226

Subject: Friable Asbestos Survey Performed on the Guterl Steel Mill

[REDACTED]
As per your request, on June 21 and 22nd, 2007, Ms. Liesel Yesse a New York State Certified Asbestos Inspector (Inspector # 04-08694), of Earth Tech Northeast Inc., met with Tommy Fontaine of Earth Tech, San Antonio, and conducted a visual asbestos survey to point out all friable asbestos in the abandoned steel mill. Earth Tech is conducting a project under the United States Army Corps. direction involving searching for radiation as well as other various chemicals.

The concern of asbestos was brought up due to the age of the buildings and generally poor condition of the buildings as well as the pipe insulation through out the mill area. The visual survey had the purpose of pointing out problem areas, for Earth Tech employees to avoid while conducting their radiation testing. If Earth Tech employees should need to work in areas where there is a significant amount of friable asbestos that could present a danger, further health and safety measures outside this survey, will be taken.

The asbestos survey was conducted in buildings 1,2,3,4,5,6,8,9, and 35. A sketch of each building was provided and rough drawings and estimates of materials were added for clarification. In general, most of the asbestos that was found was pipe insulation which was in very poor condition. Earth Tech does not anticipate any demolition of machinery or buildings, therefore any asbestos that would be found in things such as gaskets will be left undisturbed for this project and were not called out in the survey.

Below is a table containing most of the friable asbestos found through out the survey, with approximate amounts. Amounts may not be completely accurate due to field measurements as well as the significantly damaged state of the insulation.

Asbestos Pipe Insulation:

<u>Building</u>	<u>Horizontal Insulation</u>	<u>Vertical Insulation</u>	<u>Approximate Totals of Insulation</u>
1	~10 ft. outside, with a pile of debris on inside wall where pipes enter	-----	~10 linear ft.

2	~1200 ft.	~20 ft.	~1220 linear ft. plus ~120 ft. in passage between buildings 2 and 3
3	~500 ft.	----	~500 linear ft.
4	~65 ft.	----	~65 linear ft.
5	Outside area	Outside area	Outside area
6	~140 ft.	~6 ft.	~146 linear ft.
8	~400 ft.	----	~400 linear ft.
9	~6 ft.	----	~6 linear ft. on top of bathroom
35	----	----	No Insulation

Table 1: Lists all of the approximate amounts of possible asbestos containing insulation found on pipes in and around buildings 1,2,3,4,5,6,8,9, and 35.

Special Considerations:

During the survey there were a few observations that were noted on the field notes as being unique that will be called out in this section, according to building.

Building 1: This building was mostly clean until you get to the room farthest south, labeled the work room. In the work room boxed insulation and bricks were found in a pile covering most of the room's floor. All of the boxes were breaking down, as was the asbestos products in them. Boxes are labeled with 85% Magnesia. This whole room should be considered extremely hazardous, and no personnel should be allowed in there without proper asbestos PPE including tyvek and a respirator with at least P-100 cartridges.

Building 2: There is a boiler room in this building that contains two fairly large asbestos spills from deteriorating pipe insulation that has fallen off and accumulated on the floor. All pipes in this room are in poor condition (with the asbestos insulation no longer being held together with a protective coating, open to the elements and easily friable). There is also one tank in the middle of the room on a second story that is completely covered in a potentially asbestos containing coat of material, which is also deteriorating and falling apart. This room should also be considered extremely hazardous and it is recommended that no personnel should be allowed in there without proper asbestos PPE including tyvek and a respirator with at least P-100 cartridges.

Building 3: There are two large pieces of equipment in building three, which have door areas (~3ft by 6ft in size) attached to them that are filled with potentially asbestos containing "bricks". Two of these doors are breaking apart and the bricks are very damaged. There is also a section on the south side of building 3 where there are three tanks outside and pipes leading to them. The insulation on these pipes is presumed

to be asbestos from the visual inspection. The insulation is in very poor condition and there are large pieces that have ended up on the ground beneath the pipe runs. The tanks they are connected to are coated with insulation and this should also be regarded as suspect material.

Building 4: No special considerations in this building.

Building 6: No special considerations in this building.

Building 8: This building had several pipes where the insulation was in very bad condition. Insulation had fallen off pipes in large chunks, some of which have acquired a darkened color from being mixed in the dirt on the floor.

Building 9: No special considerations in this building.

Building 35: This building does not contain any potentially asbestos containing pipe insulation, however the panels all around the building that are dark grey/green in color seem to be Transite panels containing asbestos.

Through out all buildings there is potentially asbestos containing debris. All of the pipes that were noted with insulation on them were significantly damaged due to age and wear. Pieces of insulation were missing on the pipe, and debris piles were visible on the ground under and around the pipes.

There was fiberglass insulation on other pipes that was also in significantly damaged condition. Although fiberglass is not considered a hazard at this time, if it is accidentally disturbed it can also break up into tiny pieces and cause a great amount of discomfort and irritation if it comes in contact with skin.


Conclusions:

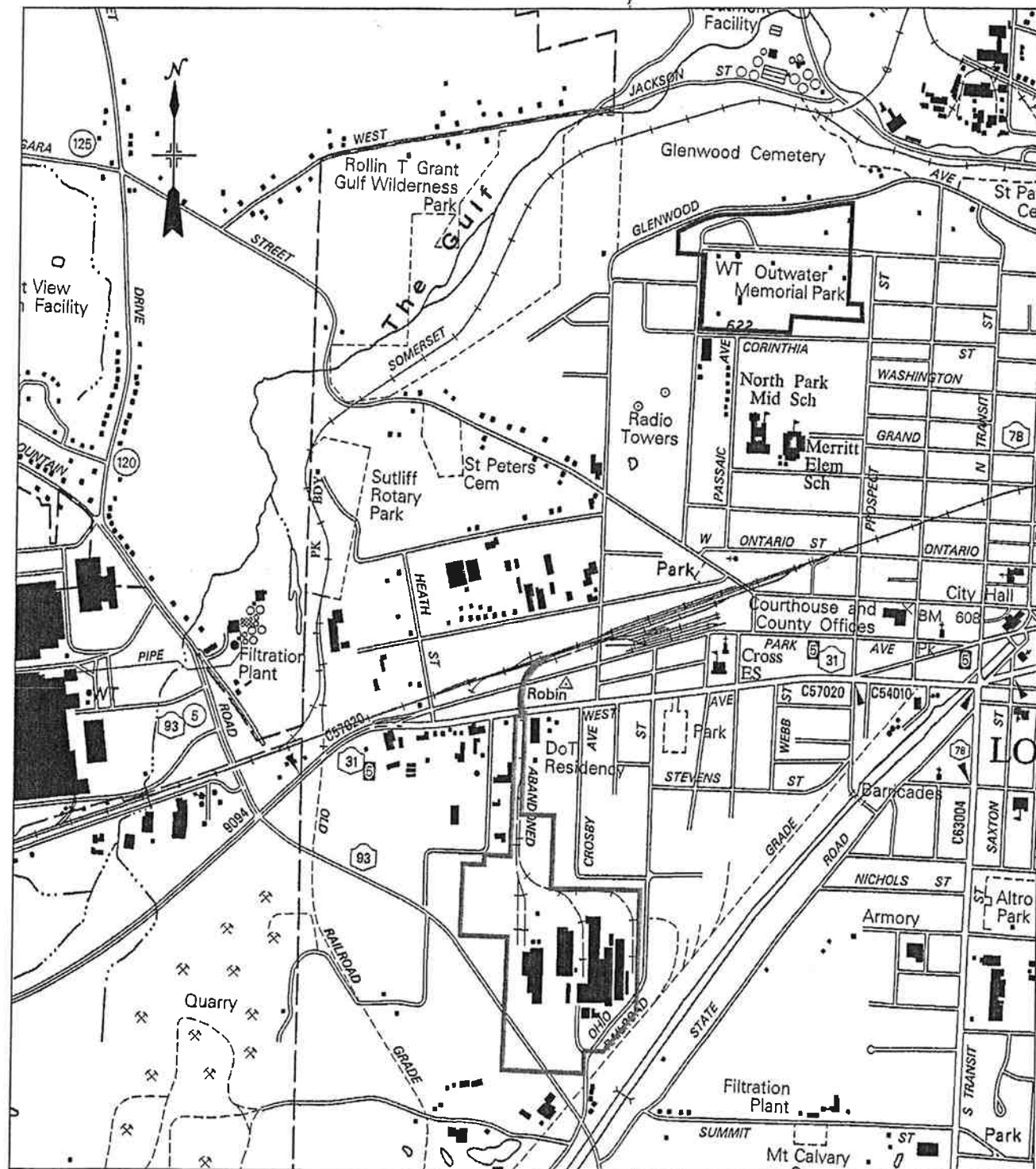
The intent of the project is not to handle or conduct any removal of the asbestos located in the buildings. Therefore thought on how the project should be handled now, and contacting NYS DOL to find out how they would like to proceed since the asbestos has been identified are recommended actions. Mr. Kevin Seise of Earth Tech should be contacted as he has experience in further dealings with asbestos projects.

If any demolition or renovation of the buildings becomes required as part of the project, further investigation through sample analysis is recommended to provide proof that all presumed asbestos containing insulation and materials are positive for asbestos.

Mr. Fontaine expressed that there would be no heavy construction activities, such as demolishing buildings, or any potential for creating large disturbances in the buildings made by the workers that would release significant amounts of asbestos into the air.

Earth Tech, Inc.


Industrial Hygienist



LEGEND

- SITE LOCATION
- BACKGROUND SOIL SAMPLE SITE LOCATION

750 0 750 1500
GRAPHIC SCALE

NY State Index Map
Guterl Steel Site



SYMBOL	DESCRIPTIONS	DATE	APPROVED
<div> <div> <p>Prepared by:</p> <p>EarthTech</p> <p>A Tyco International Ltd. Company</p> </div> <div> <p>Prepared for:</p> <p>GUTERL SPECIALTY STEEL CORPORATION LOCKPORT, N.Y.</p> </div> </div>			
DESIGNED BY:	<p>BACKGROUND SOIL SAMPLE SITE LOCATION PLAN</p>		
DRAWN BY:			
CHECKED BY:			
SUBMITTED BY:	DATE:	SCALE:	DRAWING NO.:
JK	NOV. 25, 2008	AS SHOWN	FIGURE 5-2

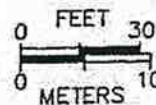
could be on ground level between buildings damaged

Smelting Equipment






Work Room



box of 25 lbs of material broken down into 5 lbs bags down into 5.5 ft box

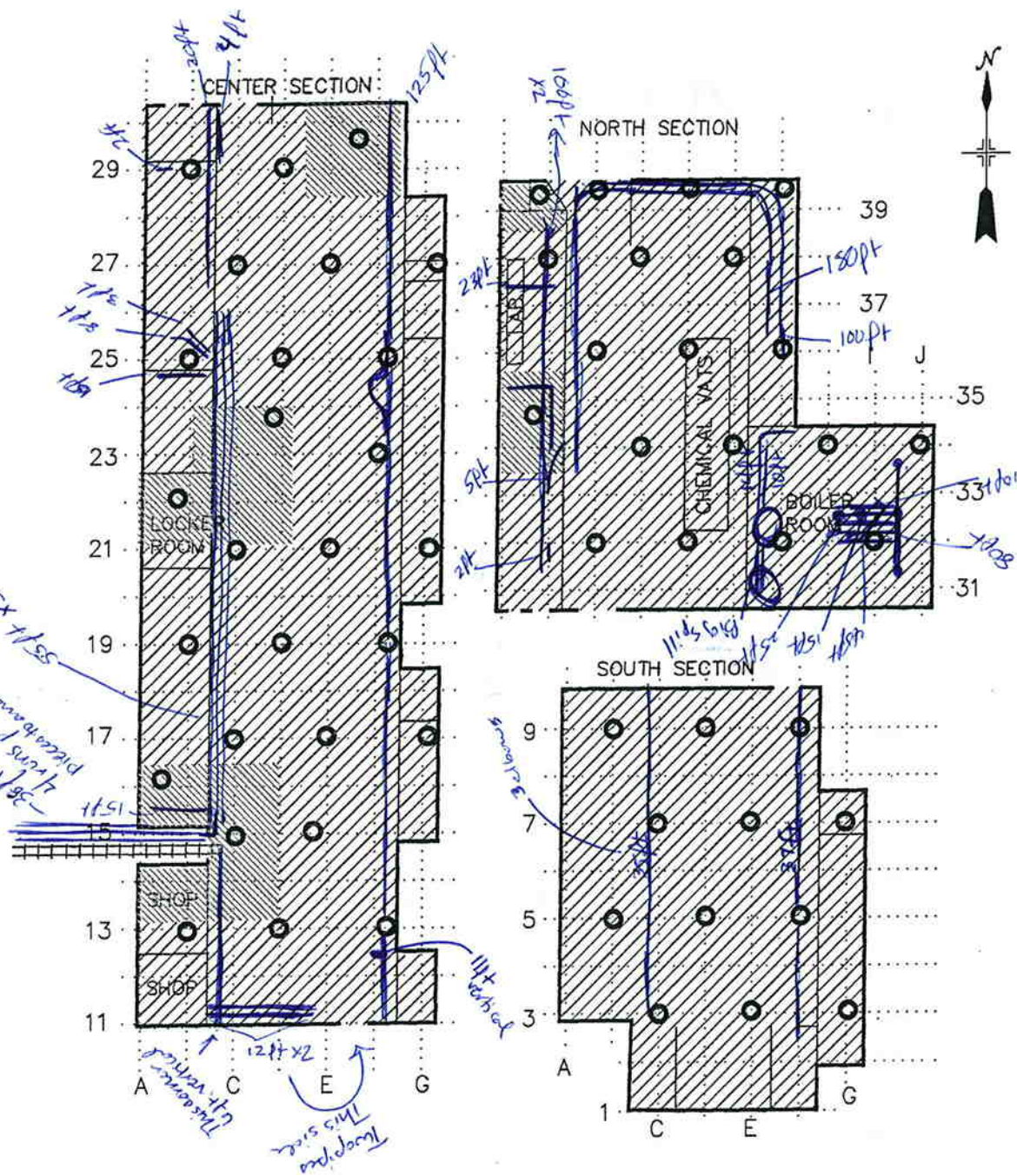
NOTE: Building 1 has a basement, therefore there are no floor soil samples. One sample to be taken at floor drain located in Work Room.



LEGEND

-  CLASS 1 AREA
-  CLASS 2 AREA
-  CLASS 3 AREA
-  5 meter x 5 meter Grid
-  RI Sample Point






SYMBOL		EXCEPTIONS		DATE		APPROVED	
Prepared by:		Prepared for:		UNITED STATES		ARMY CORPS OF ENGINEERS	
				Buffalo District			
DESIGNED BY:		GUTER, SPECIALTY STEEL CORPORATION LOCKPORT, N.Y. BUILDING 1 SOIL SAMPLE LOCATION PLAN					
DRAWN BY:							
CHECKED BY:							
SUBMITTED BY:							
DATE:		SCALE:		DRAWING NO.:			
NOV. 30, 2005		AS SHOWN		FIGURE 5-3			

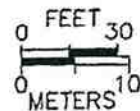



\bigcirc = large spill areas

20 ft on more pipes
 20 ft on top of
 each boiler unit
 Center tank
 covered in acm
 insulation. Back
 of boiler fan
 has friable ACM
 everywhere

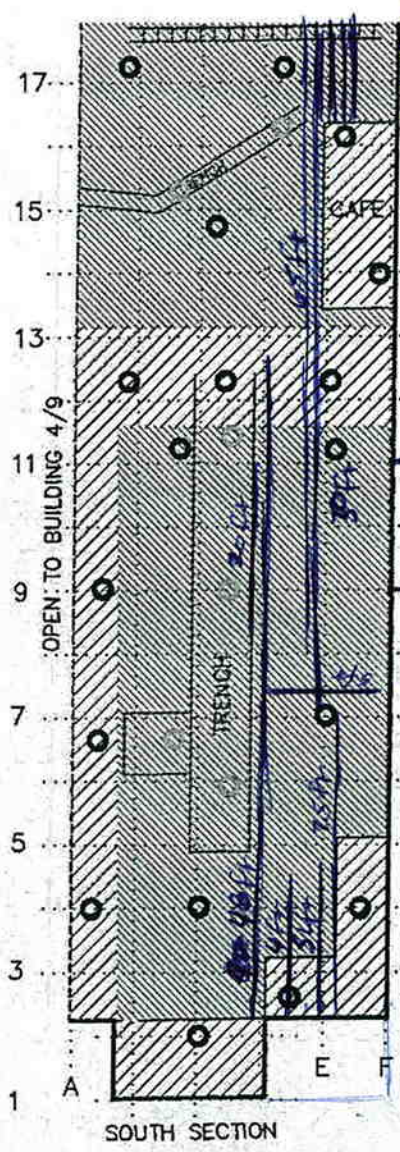
LEGEND

-  CLASS 1 AREA
-  CLASS 2 AREA
-  CLASS 3 AREA
-  5 meter x 5 meter Grid
-  RI Sample Point



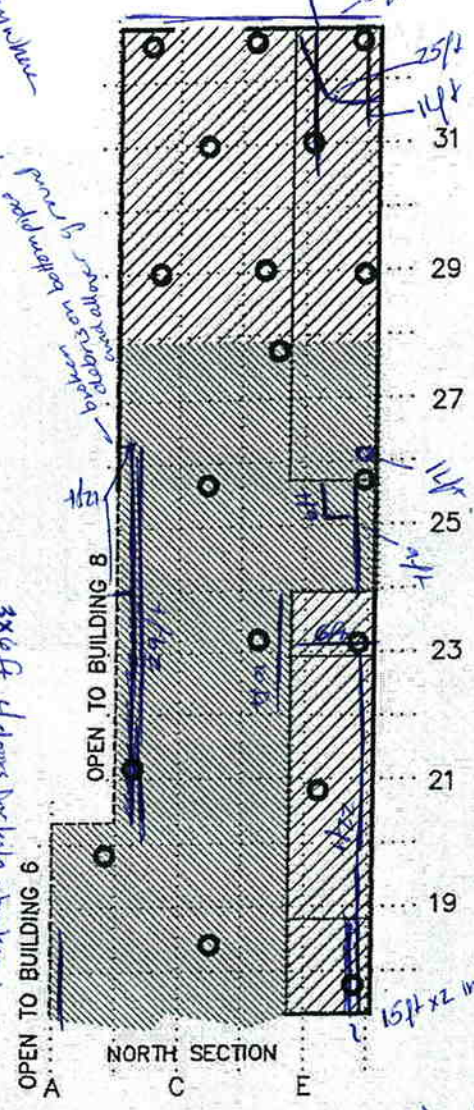
SYMBOL		DESCRIPTIONS		DATE		APPROVED	
REVISIONS							
Prepared by:		Prepared for:		 United States Army Corps of Engineers Buffalo District			
DESIGNED BY:		GUTERL SPECIALTY STEEL CORPORATION LOCKPORT, N.Y. BUILDING 2 SOIL SAMPLE LOCATION PLAN					
DRAWN BY:							
CHECKED BY:							
SUBMITTED BY:		DATE:		SCALE:		DRAWING NO.:	
JK		NOV. 20, 2006		AS SHOWN		FIGURE 5-4	

Pipes outside building/asterisks. Could be asbestos on ground.









debris everywhere
pipes by sewerage on bottom of room
20 ft x 4 ft doors

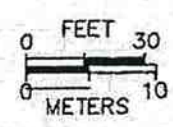
3x6 ft 4 doors for bath - broken



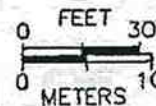
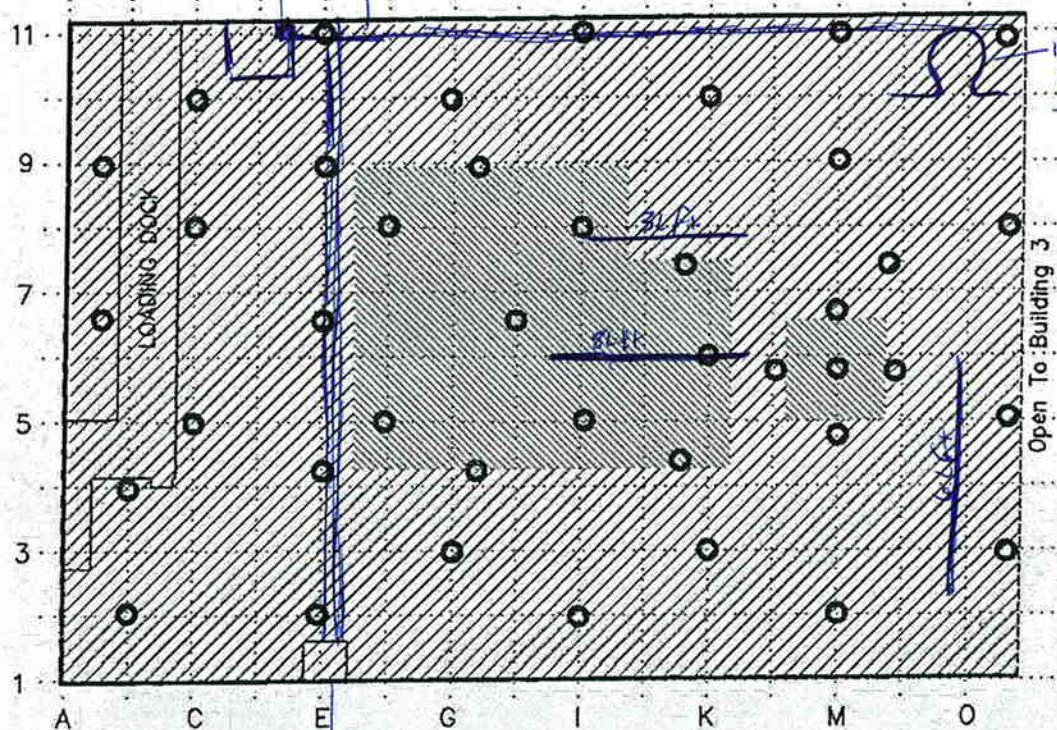
LEGEND

-  CLASS 1 AREA
-  CLASS 2 AREA
-  CLASS 3 AREA
-  5 meter x 5 meter Grid
-  RI Sample Point
-  Water/Sediment Co-located Sample Point

outside 3 - tanks - all pipes ACH
as well as potential contaminants



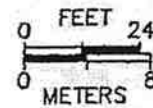
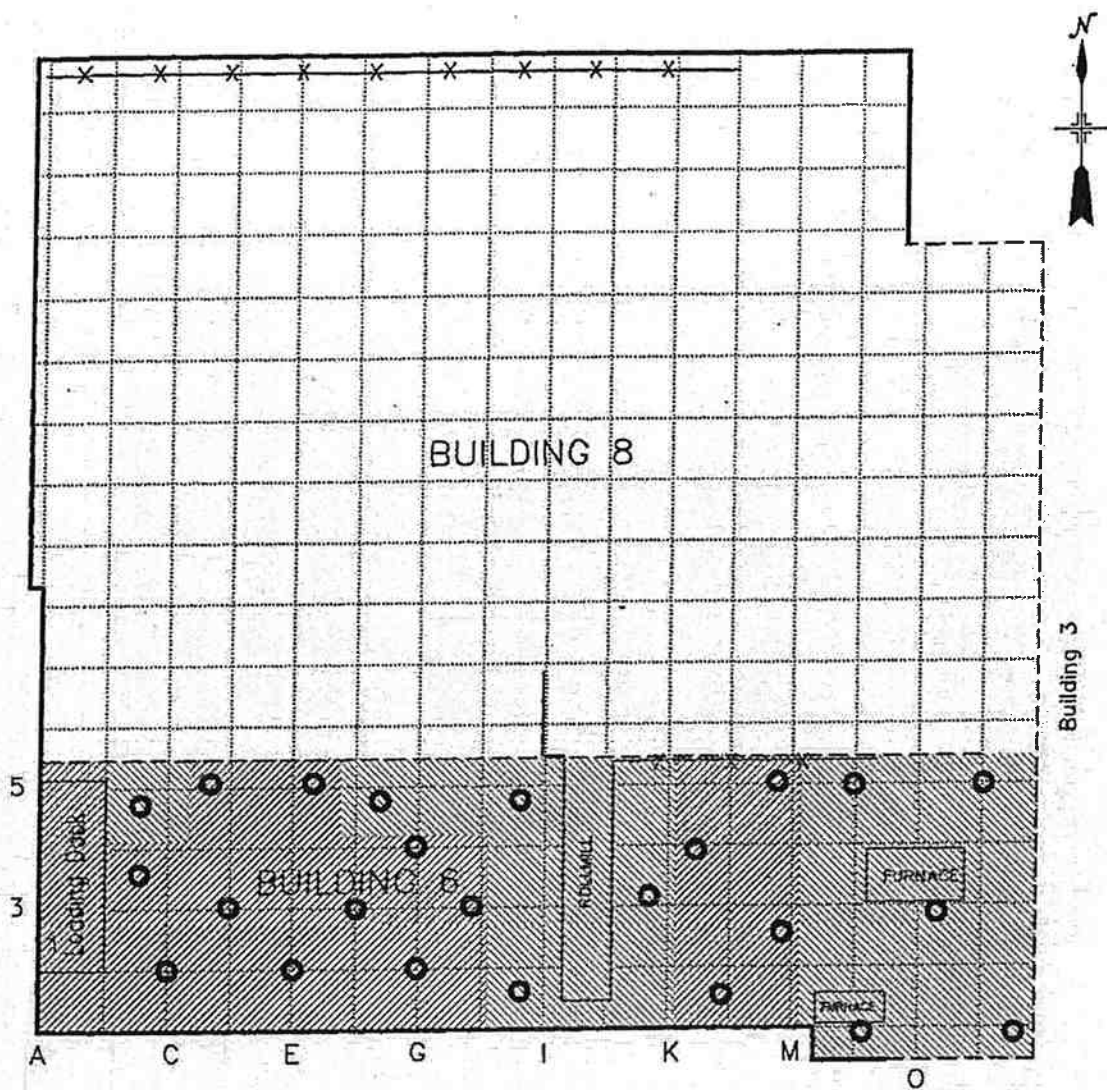
SYMBOL		DESCRIPTION		DATE		APPROVED	
Prepared by:		EarthTech		Prepared for:		United States Army Corps of Engineers Buffalo District	
DESIGNED BY:		DB		OUTER SPECIALTY STEEL CORPORATION LOCKPORT, N.Y.			
DRAWN BY:		DB					
CHECKED BY:		JK					
SUBMITTED BY:		JK		DATE:		SCALE:	
				NOV. 20 2008		AS SHOWN	
				DRAWING NO.:		FIGURE 5-5	








LEGEND

- CLASS 1 AREA
- CLASS 2 AREA
- CLASS 3 AREA
- 5 meter x 5 meter Grid
- RI Sample Point

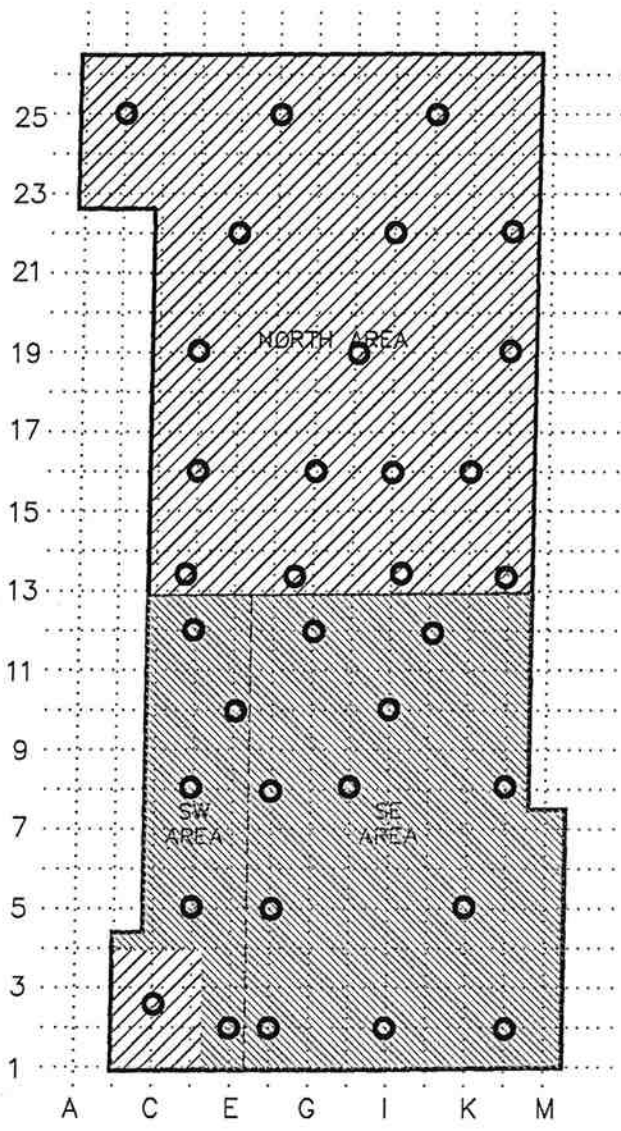
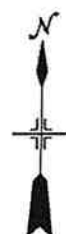
SYMBOL		DESCRIPTIONS		DATE		APPROVED	
Prepared by:		Prepared for:		United States Army Corps of Engineers		Buffalo District	
DESIGNED BY:		OUTERS, SPECIALTY STEEL CORPORATION LOOKPORT, N.Y. BUILDINGS 4 AND 9 SOIL SAMPLE LOCATION PLAN					
DRAWN BY:							
CHECKED BY:							
SUBMITTED BY:							
DATE:		SCALE:		DRAWING NO.:			
NOV. 20, 2008		AS SHOWN		FIGURE 6-6			








LEGEND

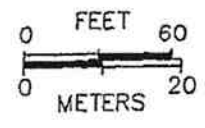
-  CLASS 1 AREA
-  CLASS 2 AREA
-  CLASS 3 AREA
-  5 meter x 5 meter Grid
-  RI Sample Point



STANDARD		DESCRIPTION		DATE		APPROVED	
REVISIONS							
Prepared by:		EarthTech		Prepared for:		United States Army Corps of Engineers	
DESIGNED BY:		DB		GUTHRIE SPECIALTY STEEL CORPORATION		LOCKPORT, N.Y.	
DRAWN BY:		DB		BUILDING 8		SOIL SAMPLE LOCATION PLAN	
CHECKED BY:		JK					
SUBMITTED BY:		JK		DATE:		SCALE:	
				NOV. 20, 2006		AS SHOWN	
				DRAWING NO.:		FIGURE 5-7	

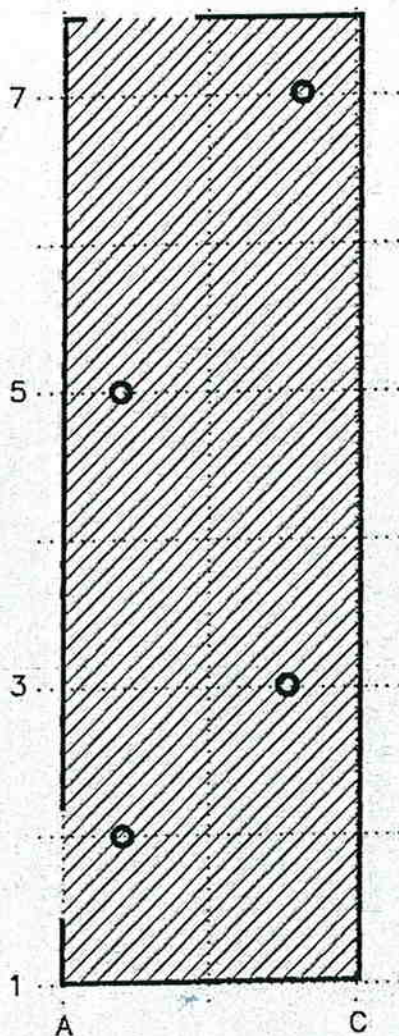


LEGEND

-  CLASS 1 AREA
-  CLASS 2 AREA
-  CLASS 3 AREA
-  5 meter x 5 meter Grid
-  RI Sample Point



SYMBOL		DESCRIPTIONS		DATE		APPROVE	
Prepared by :		Prepared for :					
				United States Army Corps of Engineers Buffalo District			
DESIGNED BY :		GUTERL SPECIALTY STEEL CORPORATION LOCKPORT, N.Y. BUILDING 24 SOIL SAMPLE LOCATION PLAN					
DRAWN BY :							
CHECKED BY :							
SUBMITTED BY :		DATE :		SCALE :		DRAWING NO. :	
JK		NOV. 20, 2006		AS SHOWN		FIGURE 5.9	



*Transite pannels all pannels on ~~entire~~ building except for green ones

LEGEND



CLASS 1 AREA



CLASS 2 AREA



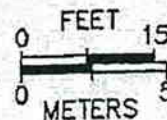
CLASS 3 AREA



5 meter x 5 meter Grid



RI Sample Point



DESIGNED BY : DB		DRAWN BY : DB		CHECKED BY : JK		SUBMITTED BY : JK		DATE : NOV. 20, 2008		SCALE : AS SHOWN		DRAWING NO. : FIGURE 5-10	
EarthTech <small>A Tyco International Ltd. Company</small>				 <small>United States Army Corps of Engineers</small> <small>Author: [Name]</small>				BUILDING 35 SOIL SAMPLE LOCATION PLAN					

**Building Feature Survey
Remedial Investigation
Former Guterl Specialty Steel Corporation FUSRAP Site
Lockport, New York
May, 2009**

Building	Photo ID	Location within Building	Feature Number	Feature/Item	Material	Approximate Dimension or Volume	Notes
1	B1P1N	north room of Building 1, facing north	F1	misc. debris	wood & metal	10 CY wood 2 CY metal	
1	B1P2S	north room of Building 1, facing south	-----	misc. debris	wood & metal	-----	no new feature, different view of north room in building 1
1	B1P3S	center room of Building 1	F2	misc. equipment & debris (includes smelters & furnaces)	wood & metal	5 CY wood 10 CY metal	2 smelters and 3 furnaces in this room
1	B1P4NW	small elevated work room in southwest corner of Building 1	F3	asbestos materials & misc. debris	asbestos material, wood, metal	3 CY	
1	B1P5S	south room of Building 1	F4	misc. debris	wood & metal	5 CY	includes debris in small room at southern extent of building 1
2	B2P1S	Building 2 (north section), main room	F1	15-ton overhead crane	metal	-----	
2	B2P1S	Building 2 (north section), main room	F2	chemical vats & associated piping	metal	65' x 30' x 6'	not field measured, estimated from Orise drawings and field photo
2	B2P1S	Building 2 (north section), main room	F3	misc. debris	wood & metal	5 CY	
2	B2P1S	Building 2 (north section), main room	F4	misc. equipment & debris	wood & metal	1 yd wood 10 CY metal	no direct photo - debris from small room on west side of building 2 (north section)
2	B2P2SE	boiler room, Building 2 (north section)	F5	2 boilers	metal	2/3 x 56.5 x 53	photo is of 1 of the 2 boilers, dimensions estimated from URS drawing and field photo
2	B2P3SW	boiler room, Building 2 (north section)	F6	misc. debris	wood & metal	4 CY	debris on east side of boiler room
2	B2P4S	north part of Building 2 (center section)	F7	misc. debris (including pipe racks)	wood & metal	1 yd wood 20 CY metal	
2	B2P5S	middle part of Building 2 (center section)	F8	misc. debris	wood & metal	20 CY	
2	B2P6E	middle part of Building 2 (center section)	F9	fire bricks	bricks	12 CY	
2	B2P7S	southern part of Building 2 (center section)	F10	misc. debris	wood & metal	10 CY	
2	B2P8W	southern part of Building 2 (center section)	F11	ceramic material	ceramic	10 CY	
2		southern part of Building 2 (center section)	F12	15-ton overhead crane	metal	-----	no direct photo of this feature
2	B2P9S	room south of the locker room, Building 2 (center section)	F13	misc. debris	wood & metal	10 CY wood 5 CY metal	

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Building	Photo ID	Location within Building	Feature Number	Feature/Item	Material	Approximate Dimension or Volume	Notes
2		locker room, Building 2 (center section)	F14	lockers	metal	20 CY	no direct photo of this feature (inside locker room)
2		offices on east side of Building 2 (center section)	F15	misc. debris	wood & metal	10 CY	no direct photo of this feature (inside small offices along east side of building)
2		2 shop areas, SW corner, Building 2 (center section)	F16	misc. debris	wood & metal	10 CY wood 5 CY metal	no direct photo of this feature (inside shop areas) estimates include both shop rooms
2	B2P10N	Building 2 (south section)	F17	furnace	metal	8' x 6' x 40'	
2	B2P10N	Building 2 (south section)	F18	paperwork	paper	5 CY	
2	B2P10N	Building 2 (south section)	F19	misc. debris	wood & metal	5 CY	
2	B2P10N	Building 2 (south section)	F20	work benches	wood	5 CY	
2	B2P11W	Building 2 (south section)	F21	furnace	metal	20' x 20' x 10'	
2	B2P12SW	Building 2 (south section)	F22	fire bricks	brick	10 CY	
2	B2P13E	Building 2 (south section)	F23	misc. debris	wood & metal	5 CY	
2		east room in Building 2 (south section)	F24	misc. electrical material	electrical/metal	4 CY	no direct photo of this feature
2	B2P14SW	southwest corner of Building 2 (south section)	F25	3 silos	metal	1 @ 20' tall x 10' diameter 2 @ 18' tall x 8' diameter	
2	B2P14SW	southwest corner of Building 2 (south section)	F26	misc. equipment	metal	6' x 6' x 12'	
2	B2P15S	paper room in southeast section of Building 2	F27	paperwork	paper	10 CY	
3	B3P1S	west side of Building 3 (NW corner)	F1	steel cylinders	metal	(100 pieces) 2' long x 1-2' diameter x 1" thick	
3	B3P1S	north entrance to Building 3, overhead	F2	5-ton overhead crane	metal	-----	
3	B3P2S	east side of Building 3 (north section)	F3	misc. debris	wood & metal	2 CY	
3	B3P3NE	east side of Building 3 (north section)	F4	steel furnaces	metal	(2 units) each 8' x 20' x 15'	

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3	B3P4SW	east side of Building 3 (north section)	F5	metal machinery (hoods, grinders, misc.)	metal	5 CY	
3	B3P5S	north east corner of Building 3	F6	misc. equipment & debris	wood & metal	2CY	
3	B3P6SE	east side of Building 3 (north section), across from Building 8	F7	steel rolls	metal	55 @ 5' long x 1.5' diameter 37 @ 4' long x 1.5' diameter 5 @ 8' long x 1.5' diameter	
3	B3P7SW	west side of Building 3 (north section), next to Building 6	F8	steel rolls	metal	73 @ 4-8' long x 1.5-2' diameter	
3	B3P8S	east side of Building 3 (North section), across from Feature 8 (F8)	F9	misc. equipment & debris	wood & metal	3 CY	
3	B3P9N	east side of Building 3 (north section), across from Building 6	F10	misc. equipment & debris	wood & metal	2 CY wood 6 CY metal	
3	B3P10S	south of Feature 10 (F10)	F11	misc. equipment & debris	metal	15 CY equipment 2 CY debris	
3	B3P11E	east side of Building 3, below hopper tracks	F12	cabinets & cafeteria heater	metal	3 CY	
3	B3P12S	Building 3 (E-W oriented trench)	F13	misc. debris	wood & metal	1 CY wood 1CY metal	
3	B3P13N	south section of cafeteria	F14	cafeteria kitchen	metal	5 CY	
3	B3P14S	N-S oriented trench (south section Building 3)	F15	trench rubble	wood & metal	2 CY wood 15 CY metal	
3	B3P15NE	east side of Building 3 (south section), next to N-S oriented trench	F16	3 furnaces	brick & metal	3 @ 12' x 8' x 30'	photo is only of the northern most furnace
3	B3P15NE	east side of Building 3 (south section), next to N-S oriented trench	F17	misc. debris	wood & metal	5 CY	no new photo for this feature - yardage is cumulative for debris located between the 3 furnaces in Feature 16 (F16)
3	B3P16SE	east side of Building 3 (south section), near southern extent of N-S oriented trench	F18	furnace	brick & metal	25' x 15' x 6'	northeast of press in Feature 19 (F19)
3	B3P16SE	east side of Building 3 (south section), near southern extent of N-S oriented trench	F19	press	metal with concrete base	20' x 15' x 4'	

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3	B3P17SE	south end of Building 3	F20	steel rolls	metal	65 @ 4' long x 1' diameter 10 @ 4' long x 1.5' diameter 9 @ 6' long x 2' diameter 8 @ 12' long x 2.5' diameter	
3	B3P18E	small room in south east corner of Building 3	F21	misc. debris	wood & metal	2 CY wood 2 CY metal	
3	B3P19W	small room at south end of Building 3	F22	equipment (steel rolls, lathes)	metal	50 @ 3-4' long x 1' diameter 3 lathes each 5' x 6' x 20'	
3	B3P20NE	photo of a single lathe	F22	lathe	metal	-----	no new feature associated with this photo
5	B5P1E	inside Building 5	F1	electrical equipment	metal	2/3 of building (2/3 * 140' long x 30' wide)	
5	B5P2W	inside Building 5	F1	electrical equipment	metal	2/3 of building (2/3 * 140' long x 30' wide)	
6	B6P1NW	intersection area of Buildings 3, 6, & 8	F1	furnace	brick & metal	6' x 12' x 8'	not field measured, dimensions estimated from Oise drawings and photo.
6	B6P1NW	intersection area of Buildings 3, 6, & 8	F2	furnace	brick & metal	20' x 12' x 8'	not field measured, dimensions estimated from Orise drawings and photo.
6	B6P2W	view of Building 6 from outside exclusion zone in Building 3	F3	roll mill	metal	55' x 10' x 6'	not field measured, dimensions estimated from Orise drawings and photo.
6	B6P2W	view of Building 6 from outside exclusion zone in Building 3	F4	steel rolls	metal	20 racks of 10 rolls per rack each 4' long x 1' diameter	not field measured, dimensions estimated from building 6 entrance and photo.
6	B6P2W	view of Building 6 from outside exclusion zone in Building 3	F5	misc. debris	wood	5 CY	
8	B8P1W	at entrance of Building 8 looking to the west (southern most 1 of 3)	F1	furnace	brick & metal	20' x 12' x 8'	not field measured, dimensions estimated from drawings and photo.
8	B8P1W	view of Building 8 from outside exclusion zone in Building 3	F2	furnace	brick & metal	20' x 12' x 8'	not field measured, dimensions estimated from drawings and photo.
8	B8P2W	view of Building 8 from outside exclusion zone in Building 3	F3	steel rolls & misc. equipment	metal	10 rolls @ 6' long x 1.5' diameter + unknown amount misc. equipment & debris	not field measured
8	B8P3W	view of Building 8 from outside exclusion zone in Building 3	-----	misc. equipment & debris	metal equip. Wood & metal debris	-----	not field measured
35	B35P1S	west side of Building 35	F1	misc. wood shelves and benches	wood	2 CY	
35	B35P2NE	north east corner of Building 35	F2	misc. debris	wood & metal	5 CY	
35	B35P3N	center of Building 35, overhead	F3	5-ton overhead crane	metal	-----	
49	B49P1W	south east corner of Building 49	F1	furnace & fume hood	brick & metal	25' x 25' x 25	
49	B49P1W	south east corner of Building 49	F2	misc. debris	wood & metal	3 CY	
49	B49P2W	east side of Building 49	F3	furnace & fume hood	brick & metal	40' x 20' x 20'	

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Building	Photo ID	Location within Building	Feature Number	Feature/Item	Material	Approximate Dimension or Volume	Notes
49	B49P2W	east side of Building 49	F4	unknown steel equipment	metal	10' x 10' x 10'	
49	B49P3W	northeast corner of Building 49	F5	electrical transformer	metal	15' x 5' x 8'	
49	B49P3W	northeast corner of Building 49	F6a	misc. debris	wood & metal	2 CY	
49	B49P3W	northeast corner of Building 49	F6b	5-ton overhead crane	metal	-----	
49	B49P4N	north side of Building 49	F7	3 choppers (saws) & misc. debris	metal	3 choppers each 5' x 5' x 5' 1 yd wood and metal	
49	B49P5N	northwest corner of Building 49	F8	misc. equipment & debris	metal	5 CY	
49	B49P6S	loading dock in Building 49	F9	misc. equipment & misc. debris	brick	metal roll, 1 @ 6' long x 2' diameter debris @ 2 CY	
49	B49P7E	central area of Building 49	F10	5-ton overhead crane	metal	-----	
49	B49P7E	central area of Building 49	F11	furnace/heater blower	metal	6' x 4' x 8'	
49	B49P7E	central area of Building 49	F12	furnace	metal	12' x 12' x 6'	
49	B49P7E	central area of Building 49	F13	Press	metal	12' x 4' x 8'	
49	B49P7E	central area of Building 49	F14	metal cutter	metal	4' x 6' x 8'	
49	B49P7E	southern portion of Building 49	F15	misc. metal debris	metal	7 CY	green ferns growing in same general area where debris located
49	B49P8E	southern portion of Building 49	F16	2 furnaces	metal	7' x 40' x 10'	
49	B49P8E	southern portion of Building 49	F17	press	metal	30' x 4' x 5'	
49	B49P8E	southern portion of Building 49	F18	misc. metal & debris	metal	5 CY	
49	B49P8E	southern portion of Building 49	F19	5-ton crane	metal	-----	
49	B49P9NW	close up photo of one of the furnaces in feature 16 (F16)	-----	furnace	metal	-----	feature in this photo already estimated from photo B49P8E.
49	B49P10NE	southeast corner of Building 49	F20	metal gear assembly	metal	6' x 8' x 8'	bottom of feature goes down into trench
49	B49P10NE	southeast corner of Building 49	F21	misc. debris (including 4 rolls, lockers, & refrigerator)	metal	4 rolls @ 5' long x 1.5' diameter	in this photo Feature 1 (F1) is in the background
49	B49P11SE	trench in the central-east side of Building 49	F22	misc. debris	wood & metal	2 CY wood 3 CY metal	debris in and around trench
49	B49P11SE	north and south sides of trench in central-east sides of Building 49	F23	metal heaters and associated duct work on N & S sides of trench	metal	7CY	
Outside	OutP1E	outside Building 2, east of the boiler room, next to the railroad tracks	F1	grinding stones	grinding stones	10 CY	

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Building	Photo ID	Location within Building	Feature Number	Feature/Item	Material	Approximate Dimension or Volume	Notes
Outside	OutP2W	outside Building 2, east of the boiler room, next to the railroad tracks	F2	100 misc. steel rolls & gears	metal	----	
Outside	OutP3S	north side of Building 2	F3	crushed fiberglass tank	fiberglass	5 CY	
Outside	OutP4S	north side of Building 2	F4	metal tanks	metal	1 @ ~12' long x ~10' diameter 1 @ ~15' long x ~10' diameter	

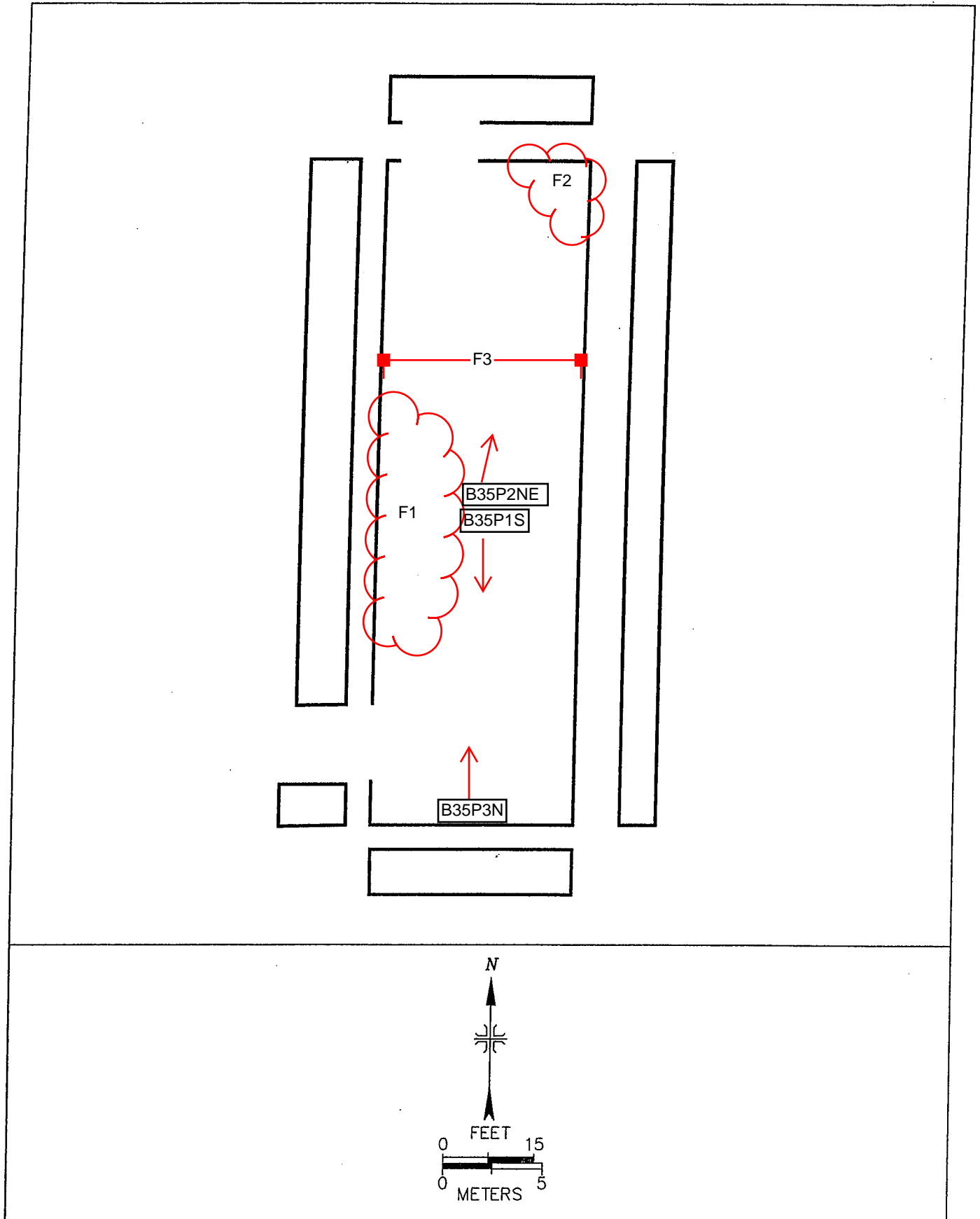


FIGURE 7: Building 35 – Floor Plan

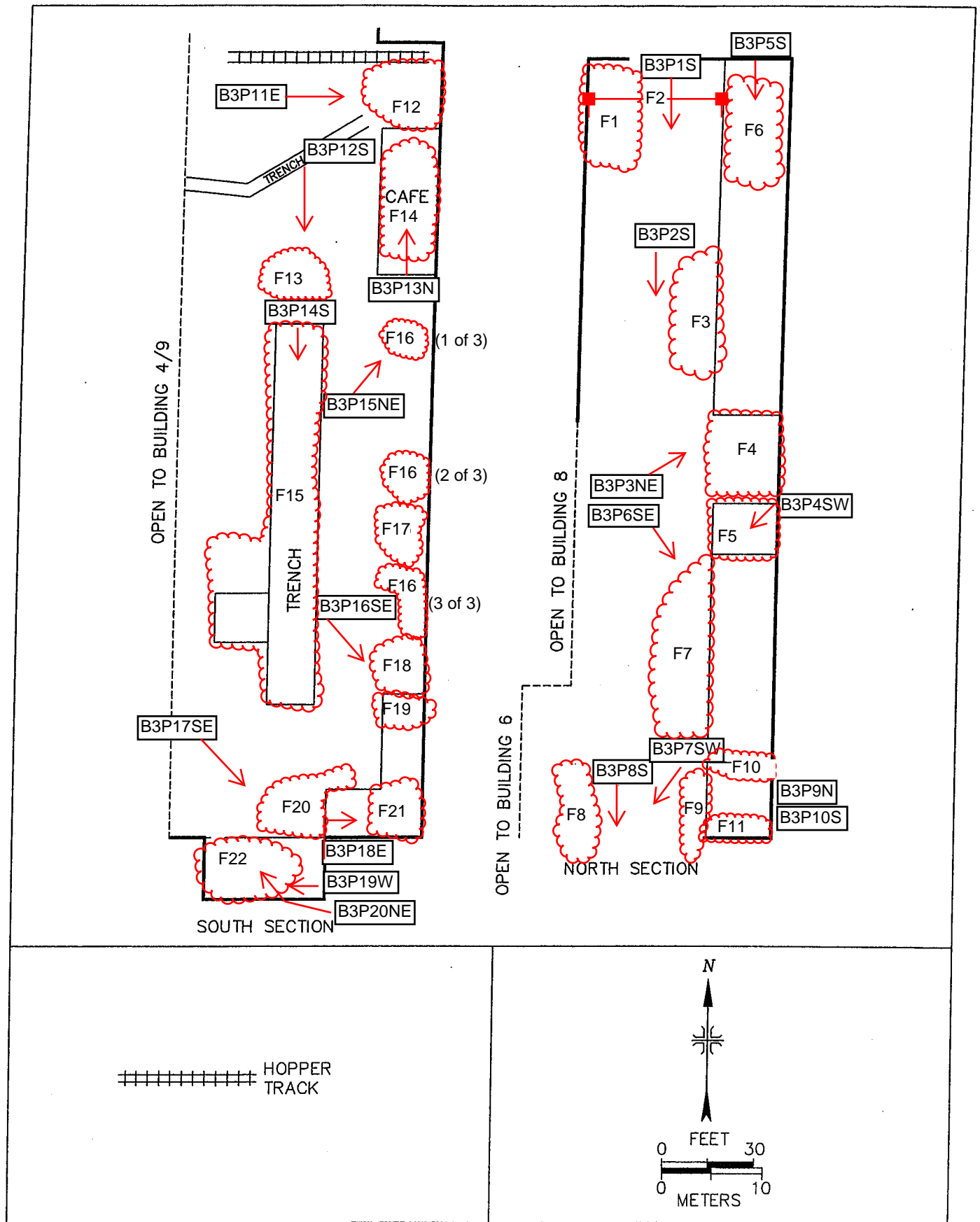


FIGURE 6: Building 3 – Floor Plan

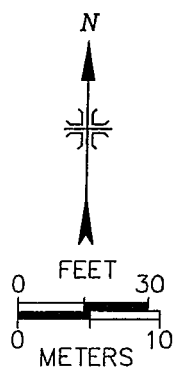
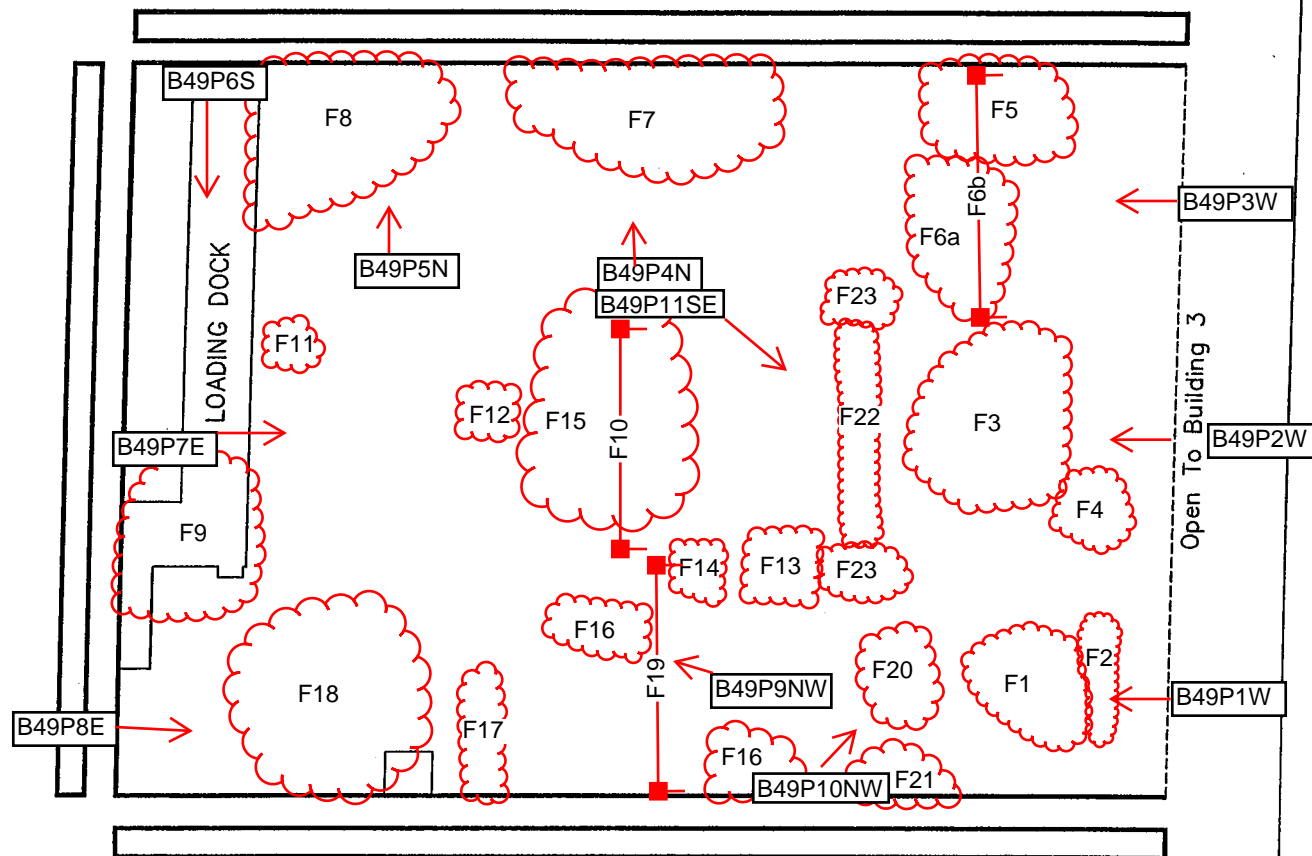


FIGURE 8: Building 4 and 9 – Floor Plan

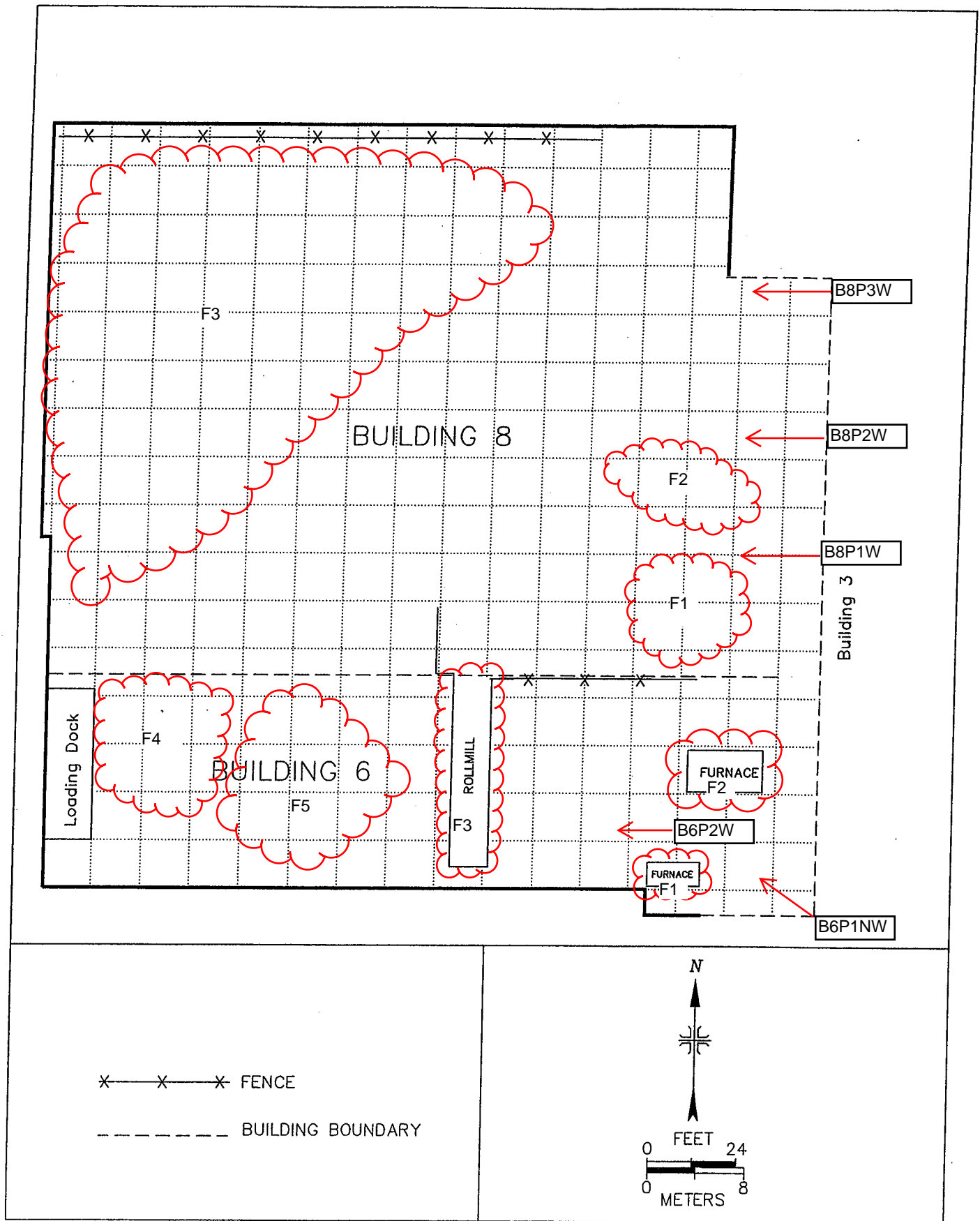


FIGURE 9: Building 6 and 8 – Floor Plan

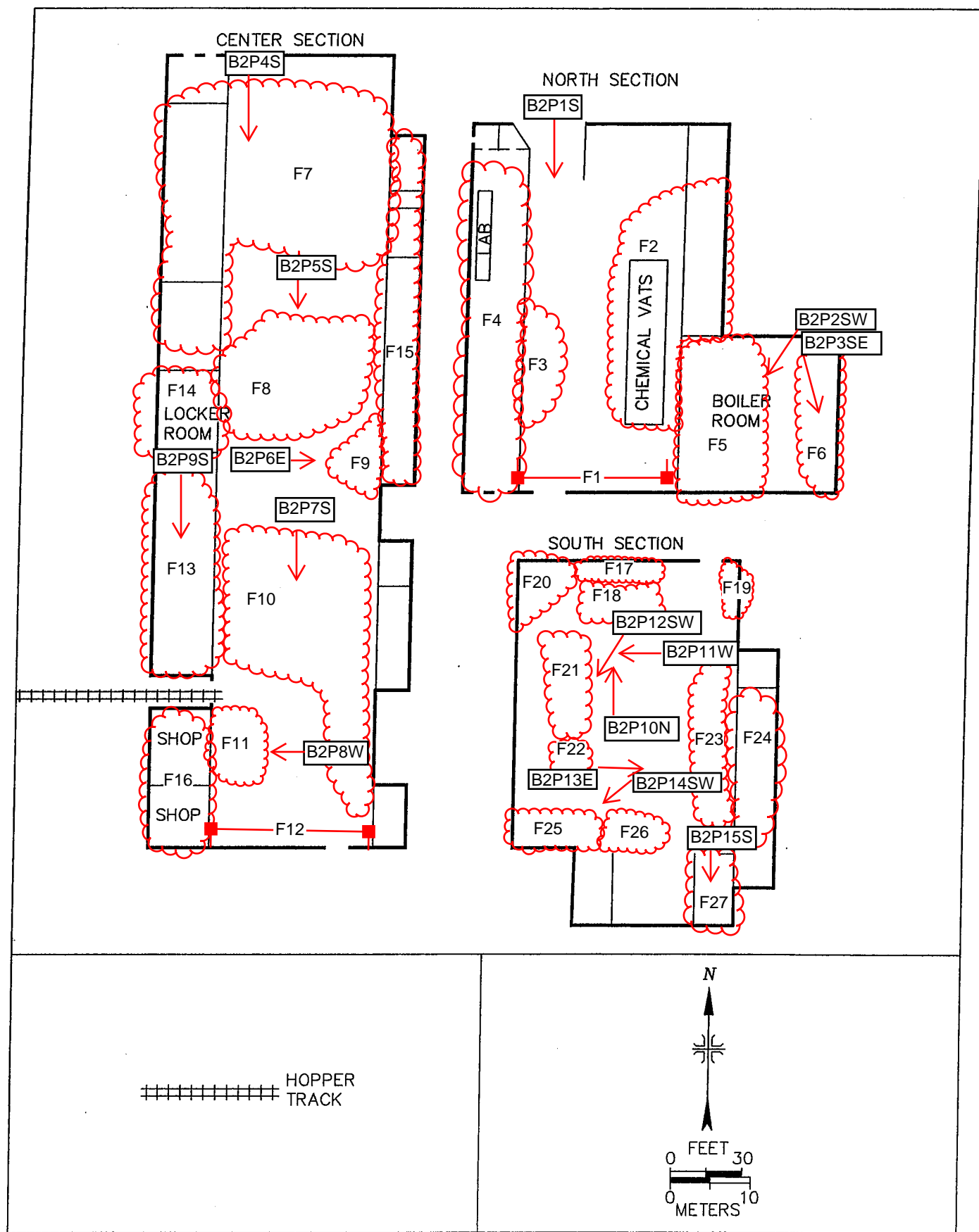


FIGURE 5: Building 2 – Floor Plan

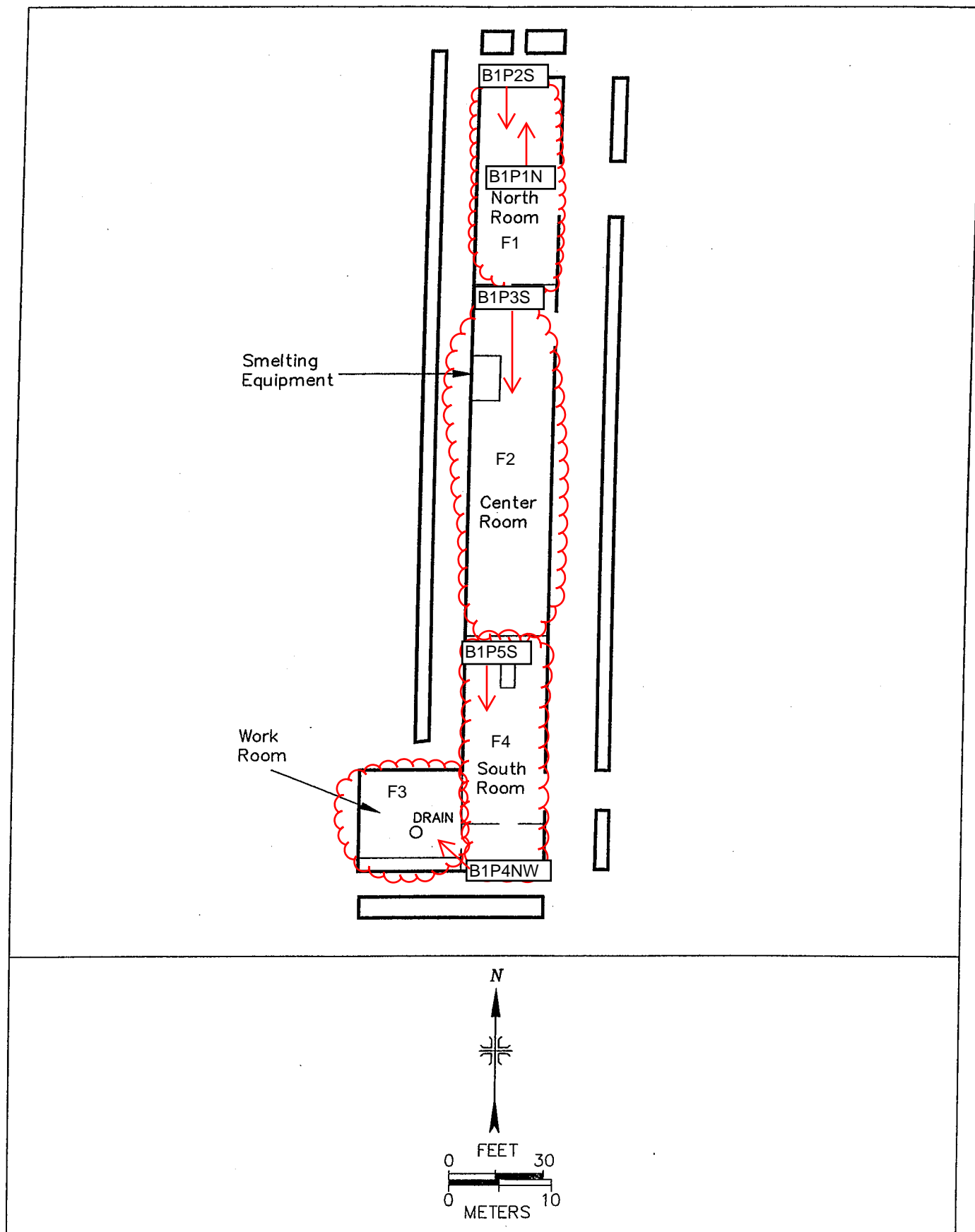


FIGURE 4: Building 1 – Floor Plan

B35P1S



B35P2NE



B35P3N



B3P1S



B3P2S



B3P3NE



B3P4SW



B3P5S



B3P6SE



B3P7SW



B3P8S



B3P9N



B3P10S



B3P11E



B3P12S



B3P13N



B3P14S



B3P15NE



B3P16SE



B3P17SE



B3P18E



B3P19W



B3P20NE



B49P1W



B49P2W



B49P3W



B49P4N



B49P5N



B49P6S



B49P7E



B49P8E



B49P9NW



B49P10NE



B49P11SE



B5P1E



B5P2W



B6P1NW



B6P2W



B8P1W



B8P2W



B8P3W



B2P1S



B2P2SW



B2P3SE



B2P4S



B2P5S



B2P6E



B2P7S



B2P8W



B2B9SB



B2P10N



B2P11W



B2P12SW



B2P13E



B2P14SW



B2P15S



B1P1N



B1P2S



B1P3S



B1P4NW



B1P5S



OUTP1E



OUTP2W



OUTP3S



OUTP4S

