R

1

CHECKLIST FOR INSPECTION

USEPA SF
1443951

I. ADMINISTRATIVE

1. Facility Name: MASTERCRAFT
2. Facility FIPs No: _____
3. Address: (include county, state and zip code): 1175 Harrison St
4. Location (Latitude, Longitude: attach map if available) _____

5. Owner or Responsible Official
   Name MIKE KARTES, JIM GAUIGLIO
   Business Address _____
   Phone No. AC ____/ _____

6. Owner of Realty
   Name _____
   Business Address _____
   Phone No. AC ____/ _____

7. Facility Representative Interviewed
   Name MIKE KARTES
   Title PRESIDENT
   Phone No. AC ____/ _____

1/84 Purchased

8. Inspector
   Name _____
   Title/Division _____
   Phone No. AC ____/ _____

9. Inspection Participants (names, affiliations, phone nos.) _____

10. Date and Time of Inspection 3-6-85 0900 —
11. Weather Conditions Foggy
12. Credentials Shown: Yes ( ) No ( )
13. Entry Denied: Yes ( ) No ( ) By Whom _____
    Reason(s) for denial _____

14. Photographs Allowed: Yes ( ) No ( )
    Reason(s) for denying photographs _____

II. SITE INFORMATION

Type of Operation

Generator:

a) On-site disposal ( )

b) Off-site disposal (✓): Location NW TANK.

Storage: Describe _____

Treatment/Disposal: Percent of Waste

a) Incineration: ( ) _____

b) Landfill: (✓) ? DESTINATION _____

c) Landfarm: ( ) _____

d) Biological Treatment: ( ) _____

e) Chemical Treatment: ( ) _____

f) Deep Well Injection: ( ) _____

g) Surface Impoundment: ( ) _____

h) Other: ( ) _____

2. Site Active? Yes (X) No ( ) Partially ( )

% Active _____

3. Authorization

~~a) NPDES Permit No.~~ _____

b) SPCC Plan _____

DOE c) State Permits EPA WAD063346597

METRO d) Air Permits _____

e) ~~Other~~ 7233 METRO.

4. Records Available Yes (X) No ( )

5. Types of Wastes and Amounts at site (record the source of information)

6. Area of site (include dimensions) 4,000 sq ft

7. Depth to groundwater (if known)

8. Distance to surface water from site, name, directions and use:

9. Access Controlled: Yes ( ) No (X) How

10. Buildings and uses 1

11. Geology of Area

a) Known Fault Zone ( )
b) Karst Zone ( )
c) 100-year Flood Plain ( )
d) Regulated Floodway ( )
e) Wetland ( )
f) Critical Habitat ( )
g) Recharge Zone ( )

III. FIELD EVALUATION FACTORS (REQUIRES NARRATIVE RESPONSE)

1. Evidence of Soil Contamination _____

2. Evidence of Spills _____

3. Evidence of Runoff _____

4. Potential of or Actual Air Emissions _____

5. Existing or Potential Erosion Problems _____

6. Ponding _____

7. Evidence of Environmental Damage (vegetation, wildlife, fish, etc.) _____

8. Evidence of charred areas, smoke, etc. _____

9. Potential for Groundwater Contamination _____

10. Adequate Maintenance and Operation of Runoff Collection and Control Systems _____

11. Sewers or drains and terminus of flow _____

12. Placarding of Trucks Comply with DOT Regs _____

13. Contingency and Emergency Plan _____

14. Fire and Safety Plans _____

15. Evidence of Pumps, Hoses and other Equipment for Potential Bypassing _____

16. Conditions which Required Immediate Notification of Regional Office for Action _____

17. Distance to Nearest Water Supply Well: _____

18. Proximity to Public Buildings and/or Residences _____

19. Remarks _____

IV. STORAGE FACILITIES

1. Storage Area has Continuous Impervious Base: Yes ( ) No ( )

_____

_____

2. Storage Areas has a Confinement Structure: Yes ( ) No ( )

_____

_____

3. Evidence of Leakage or Overflow_____

_____

4. Estimate of number of barrels/containers_____

_____

5. Inventory of contents on barrels/containers_____

_____

_____

6. Number of Storage Tanks and Contents_____

_____

7. Evidence of Leakage, Corrosion or Bulging of Barrels/Containers/ Storage Tanks_____

_____

8. Storage Tanks Diked Adequately_____

_____

9. Venting Method of Storage Tanks_____

_____

10. Storage of Incompatible Wastes_____

_____

_____

_____

11. Container Washing and Reuse Practices _____

_____

_____

12. Disposal Methods for Empty Storage Containers _____

_____

_____

13. Types and Amounts of Wastes Stored _____

_____

_____

V. INCINERATORS

1. Records of Waste Received Verified with Trial Burn Records: Yes ( ) No ( ). List Chemicals Incinerated _____

2. Monitoring Equipment Functioning Properly: Yes ( ) No ( ) _____

3. Maintenance of Emission Control Equipment Adequate: Yes ( ) No ( ) _____

4. Records of Maintenance Kept: Yes ( ) No ( ) _____

5. Combustion Efficiency Monitored: Yes ( ) No ( ) Explain: _____

6. Temperature, Gas Flow Rate, Retention Time Calculations, Volume of Combustion Zone Monitored: Yes ( ) No ( ) _____

7. Waste Flow Rate Monitored: Yes ( ) No ( ) _____

8. Waste Feed Cut-Off Device Functioning Properly: Yes ( ) No ( ) _____

9. Stack Test Conducted: Yes ( ) No ( ). Agency or Contractor _____
   EPA Method _____
   Results _____
   Compliance: Yes ( ) No ( ) _____

10. Disposal Method of Scrubber Liquor _____

11. Disposal Method of Fly Ash Quenching Wastewater_____

_____

_____

12. Disposal Method of Fly Ash_____

_____

_____

13. Scrubbing Media (e.g. water, caustic, lime)_____

_____

_____

14. Type of Scrubber (e.g. spray chamber, packed bed)_____

_____

_____

15. Mist Eliminator_____

_____

16. Opacity of Stack During Inspection (Wet or Dry Stack)_____

_____

17. Opacity Limitations, Regulating Agency_____

18. Stack Construction, Height, Diameter_____

_____

19. Acceptable and Accessible Monitoring Ports, Platform, Safety Rails_____

_____

_____

20. Electricity Available: Yes ( ) No ( ) 110V_____ 220V____

21. Type of Incinerator: Single Chamber ( ) Multiple Chamber ( ) Other_____

_____

22. Auxilliary Fuel Type_____ Rated Fuel Capacity_____

_____ Rated Waste Flow Rate_____

23. Type of Burner_____

_____

24. Combustion Temperature Monitored: Yes ( ) No ( )_____

_____

25. Permit Limitations and Regulatory Agency _____

_____

_____

26. Equipment Manufacture, Age and Appearance of Equipment _____

_____

_____

27. Other Emission Control Equipment Description _____

_____

_____

28. Remarks _____

_____

_____

_____

VI. LANDFILL DISPOSAL

1. Evidence of Site Instability (Erosion, Settling, Sink Holes, etc.) _____

2. Evidence of Improper Disposal of Ignitable, Reactive, or Volatile Wastes _____

3. Evidence of Improper Disposal of Bulk Liquids, Semi-Solids, and Sludges _____

4. Records of Burial Cells, Contents and Survey Benchmark _____

5. Wastes Surrounded by Sorbent Material _____

6. Evidence of Ponding of Water _____

7. Runoff Diversion Structures Effectively Constructed and Maintained _____

8. Evidence of Improper and/or Inadequate Draining _____

9. Type of Leachate Collection System _____

10. Leachate Monitored (Analyses) _____

11. Leachate Collection System Adequately Maintained _____

12. Gas Production in Landfill: Yes ( ) No ( ) _____

13. Method of Gas Venting _____

14. Gas Monitored: Yes ( ) No ( ) Regulations and Regulatory Agency _____

15. Adequate Closure of Inactive Portion of Landfill: Yes ( ) No ( ) Describe _____

16. Groundwater Monitoring Wells: Yes ( ) No ( ) _____

17. Record of Groundwater Contamination _____

18. Depth to Groundwater Table and Flow Direction _____

19. Depth of Landfill _____

20. Containment Liners, Construction Methods _____

21. Pretreatment (Volume Reduction, Chemical Fixation, Blending, Detoxification) _____

22. Waste Volumes _____

23. Earth Moving Equipment _____

24. Backcover Procedures _____

25. Co-disposal Practices _____

26. Odors _____

27. Citizen Acceptance _____

_____

28. Remarks _____

_____

_____

VII. LANDFARMING

1. Area and Dimensions and Number of Cells for Disposal Site _____

2. Depth of Soil/Waste Material _____

3. Underlying Contaminated Material and Thickness _____

4. Depth to Groundwater and Flow Direction _____

5. Leachate Collection _____

6. Waste Application Rate _____

7. Type of Waste Applied _____

8. Discing Frequency _____

9. Reuse Period _____

10. Contaminated Runoff Disposal/Treatment Method _____

11. Uncontaminated Runoff Disposal Method _____

12. Runoff Diversion Structures Effectively Constructed and Maintained _____

13. Remarks _____

VIII. SURFACE IMPOUNDMENTS

1. Stability and/or Condition of Embankments _____

2. Evidence of Instability (Erosion, Settling, etc.) _____

3. Evidence of Disposal of Ignitable or Reactive Wastes _____

4. Waste Compatible with Impoundment _____

5. Records Checked for the Contents and Location of Each Impoundment _____

6. Estimated Freeboard _____

7. Integrity of Liner System _____

8. Soil Type for Banks, Berms and Bottom _____

9. Monitoring Wells and Analysis of Groundwater _____

10. Depth to Groundwater and Flow Direction _____

11. Volatile Organic Disposal _____

12. Amount or Volume of Wastes Discharged to Impoundment _____

13. Size of Impoundment(s) (height, width, depth) _____

14. Evidence of Solids Deposition and/or Buildup _____

15. Evidence of Solid Material (Drums, etc.) in Impoundment _____

16. Impoundment Aerobic ( ) Anaerobic ( ) _____

17. Spray System for Aeration or Accelerated Evaporation _____

18. Access Around Impoundments Controlled _____

19. Remarks _____

IX. BIOLOGICAL TREATMENT

1. Types of Treatment: Activated Sludge ( ) Trickling Filter ( ) Lagoon ( ) Other _____

2. Types of Treatment Units Employed and Sizes (Attach Flow Diagram) _____

3. Wastes Treated and Volumes _____

4. Design Capacity (Avg & Max) Flow _____

5. Wasteload (BOD, Solids, etc.) _____

6. Treatment Efficiency _____

7. Operation Characteristics (F/M, MLVSS, % Recycle, etc.) _____

8. Effluent Discharge Location _____

9. NPDES Permit No. _____ Issuing Agency _____
Conditions _____

10. NPDES Compliance ( ) Non-Compliance ( )_____

11. Discharge Monitoring Reports on File _____

12. Laboratory Conducting Self-Monitoring Analyses_____

13. Self-Monitoring Procedures Correct_____

14. Bypassing Evident_____

15. Remarks_____

X. PHYSICAL-CHEMICAL TREATMENT

1. Types of Treatment (Describe)_____

2. Types of Treatment Units Employed and Sizes (Attach Flow Diagram)_____

3. Wastes Treated and Volumes_____

4. Design Capacity (Avg and Max) Flow_____

5. Waste Loading Rate_____

6. Treatment Efficiency_____

7. Operation Characteristics_____

8. Effluent Discharge Location_____

9. NPDES Permit No._____ Issuing Agency_____
Conditions_____

10. NPDES Compliance ( ) Non-Compliance ( )_____

11. Discharge Monitoring Reports on File _____

12. Laboratory Conducting Self-Monitoring Analysis_____
B & B

13. Self-Monitoring Procedures Correct_____

14. By-passing Evident_____

15. Remarks_____

Cu, Ni, Cr

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☒ C. SLUDGE
- ☐ D. OTHER _____ (Specify)
- ☐ E. SLURRY
- ☐ F. LIQUID
- ☐ G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS _____
CUBIC YARDS _____
NO. OF DRUMS 5/yr.

03 WASTE CHARACTERISTICS (Check all that apply)

- ☐ A. TOXIC
- ☐ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☐ D. PERSISTENT
- ☐ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☐ G. FLAMMABLE
- ☐ H. IGNITABLE
- ☐ I. HIGHLY VOLATILE
- ☐ J. EXPLOSIVE
- ☐ K. REACTIVE
- ☐ L. INCOMPATIBLE
- ☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	2000# max/yr		
OLW	OILY WASTE			
SOL	SOLVENTS	3 drums	left over from previous owners	
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS HNO_3	<1 drum		
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
ACID	HNO_3 50 gal/yr		all in baths		
	H_2SO_4 50 gal/y.		except few		
	Muratic 100 gal		barrels.		
	Chromic →				
Sludge.	Cu (solid)	100#/mn			
	Ni (solid)	100#/mn			
	Cr				
	(Brass) (solid)				
	Gold. (solid)	15 oz/yr			

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS	Boric (used)		FDS	Copper CN	
FDS	N_2SO_4		FDS	ZCN	
FDS	NiCl		FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Ni, Cu, Muratic Zn
Cr, SO_4, NO_3 Acids in future to my tank —
used as Ni strips

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER

II. CURRENT OPERATOR *(Provide if different from owner)*

01 NAME: MIKE K Jim G	02 D+B NUMBER		
03 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	
08 YEARS OF OPERATION	09 NAME OF OWNER		

OPERATOR'S PARENT COMPANY *(If applicable)*

10 NAME	11 D+B NUMBER	
12 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	13 SIC CODE	
14 CITY	15 STATE	16 ZIP CODE

III. PREVIOUS OPERATOR(S) *(List most recent first; provide only if different from owner)*

01 NAME: LARRY BERLEY.	02 D+B NUMBER		
03 STREET ADDRESS *(P.O. Box, RFD #, etc.)* [redacted] B6	04 SIC CODE		
05 CITY ph [redacted] B6	06 STATE	07 ZIP CODE	
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD		

PREVIOUS OPERATORS' PARENT COMPANIES *(If applicable)*

10 NAME	11 D+B NUMBER	
12 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	13 SIC CODE	
14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER		
03 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD		

10 NAME	11 D+B NUMBER	
12 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	13 SIC CODE	
14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER		
03 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD		

10 NAME	11 D+B NUMBER	
12 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	13 SIC CODE	
14 CITY	15 STATE	16 ZIP CODE

IV. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

1948 HARVEY HENDRICKSON

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. CURRENT OWNER(S)			PARENT COMPANY (If applicable)		
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

III. PREVIOUS OWNER(S) (List most recent first)			IV. REALTY OWNER(S) (If applicable; list most recent first)		
01 NAME LARRY POECKLER		02 D+B NUMBER	01 NAME		02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.) STILL OWNS PROPERTY		04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER	01 NAME		02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER	01 NAME		02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES METRO		1/8/85	1/8/90	
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☐ G. STATE (Specify)				
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☐ A. SURFACE IMPOUNDMENT		
☐ B. PILES		
☒ C. DRUMS, ABOVE GROUND		
☐ D. TANK, ABOVE GROUND		
☐ E. TANK, BELOW GROUND		
☐ F. LANDFILL		
☐ G. LANDFARM		
☐ H. OPEN DUMP		
☐ I. OTHER (Specify)		

04 TREATMENT (Check all that apply)

- ☐ A. INCENERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C. CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☐ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☐ H. OTHER (Specify)

05 OTHER

- ☒ A. BUILDINGS ON SITE

06 AREA OF SITE

Bldg 4000 sq' (Acres)

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☐ NO

02 COMMENTS

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

PHOTO RECORD. U

3-6-85 MASTERCRAFT

Arrvd 0900

#1 HNO_3 - Inspection Area.
#2 Chrome area Berm.
#3 Copper Bath
#4 Ni Bath
#5 Ni Dragout - Water Refiltered.
#6 Sump - no Berm
#7 TCE in Degreaser, self contained recycling.
#8 HCl & H_2SO_4 drums used to adjust pH, in Berm are.
#9 ~~Chemical~~ Storage area.
- old drum waste was stored in plastic containers, picked up last year - Still filter waste in
#10 Chemicals in unmarked drums.
#11 Muratic & Caustic tank - wants to neutralize and ship sludge.
#12 EAST WALL looking east
#13 Outside, Back looking W
#14 Ni plate.
#15 Waste Manifest
#16 Mastercraft Metal from N

Baron Blakeslee picks up Degreaser.

5

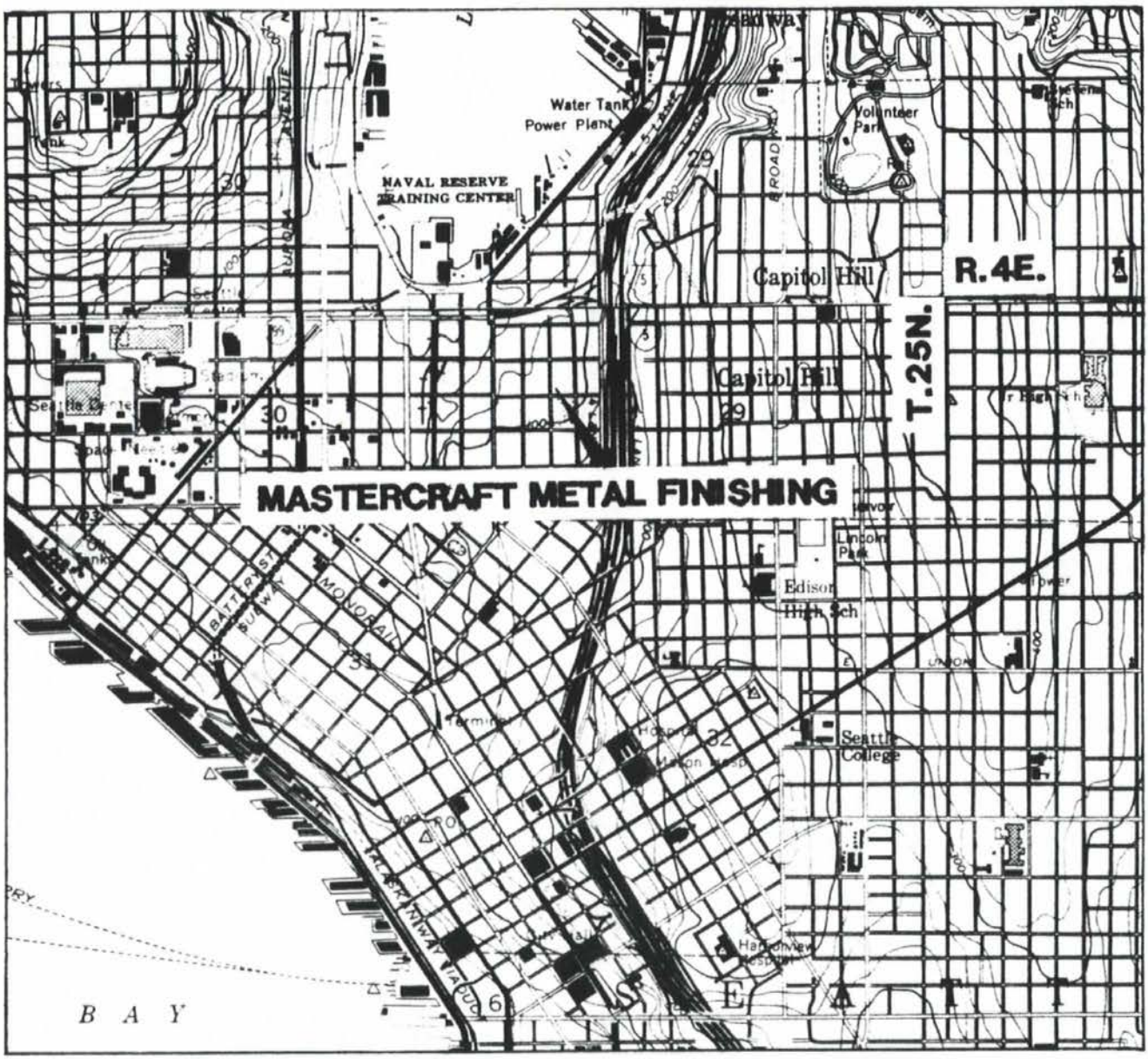
MASTERCRAFT METAL FINISHING
NOTES FROM METRO FILES

METRO PERMIT #7016

- PAST IS MOSTLY pH VIOLATIONS

- OPERATED 79-84 BY MR. LARRY C. BECKLY

- pH PROBLEMS IN SUMP, MOSTLY NEUTRALIZED WITH SODIUM.



SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 25 FEET
DATUM IS MEAN SEA LEVEL

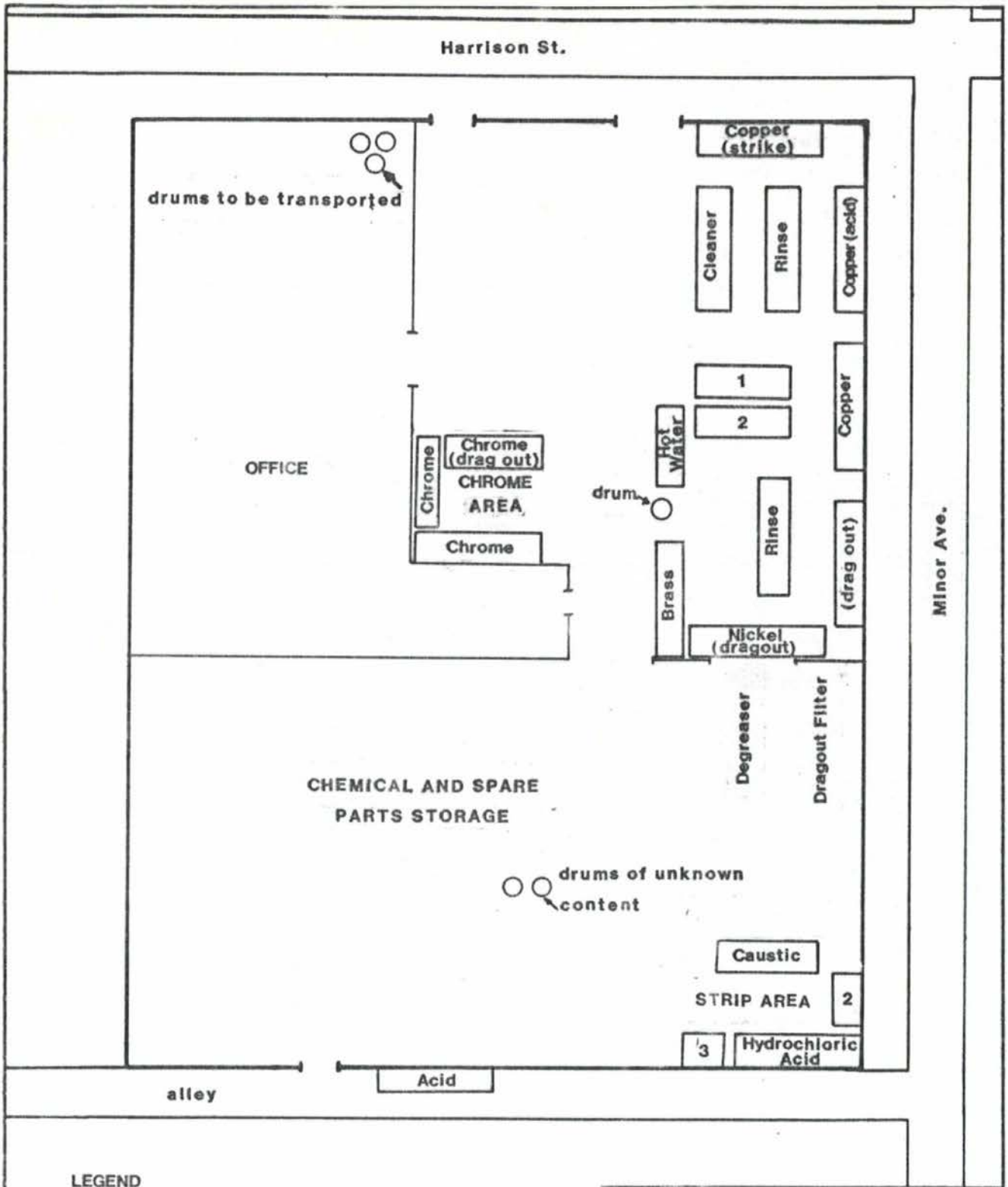
QUADRANGLE LOCATION

N

SEATTLE NORTH, WASH.
NE/4 SEATTLE 15' QUADRANGLE
N4737.5—W12215/7.5

1949
PHOTOREVISED 1968

FIGURE 1
Mastercraft Metal Finishing
Seattle, Washington



LEGEND

1 Hydrochloric Acid

2 Sulphric Acid

3 Rinse

TITLE: FIGURE 2
Facility Map
Mastercraft Metal Finishing
Seattle, Washington

JOB #: R10-8502-17

ecology and environment, inc.
SEATTLE, WA

N

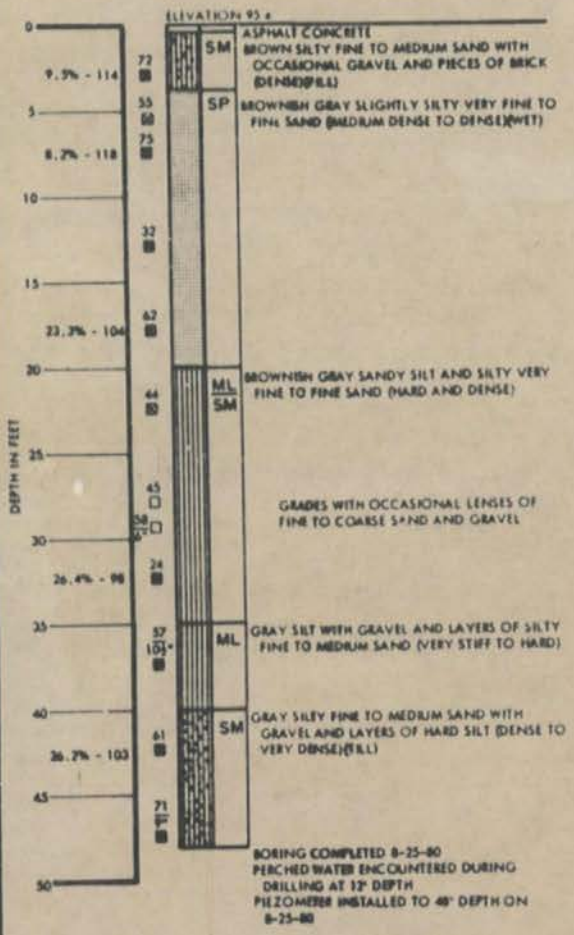
Date 5/1/85 Drawn by: DP Scale not to scale

SITE #5
MASTERCRAFT METAL FINISHING
1175 HARRISON ST
SW1/4 SW1/4 SEC 29 T 25N R04E WM
CITY BORINGS
B8685-7 a
see copy of bore logs

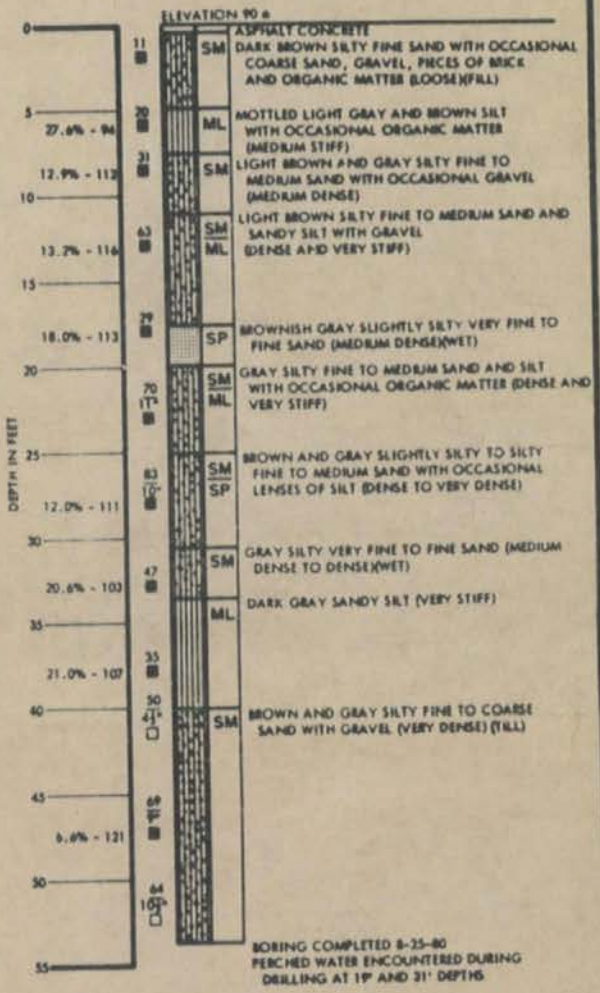
* Water well nearby site
Troy Laundry
311 Fairview Ave. N.

8686

BORING 1



BORING 2



KEY:

MOISTURE CONTENT 9.5% - 114 DRY DENSITY IN PCF

72 — BLOWS REQUIRED TO DRIVE DAMES AND MOORE SAMPLER ONE FOOT WITH A HAMMER WEIGHT OF 250 LBS., AND A STROKE OF 30 INCHES.

■ INDICATES DEPTH AT WHICH UNDISTURBED SAMPLE WAS EXTRACTED.

■ INDICATES DEPTH AT WHICH DISTURBED SAMPLE WAS EXTRACTED.

□ INDICATES SAMPLING ATTEMPT WITH NO RECOVERY.

NOTES:

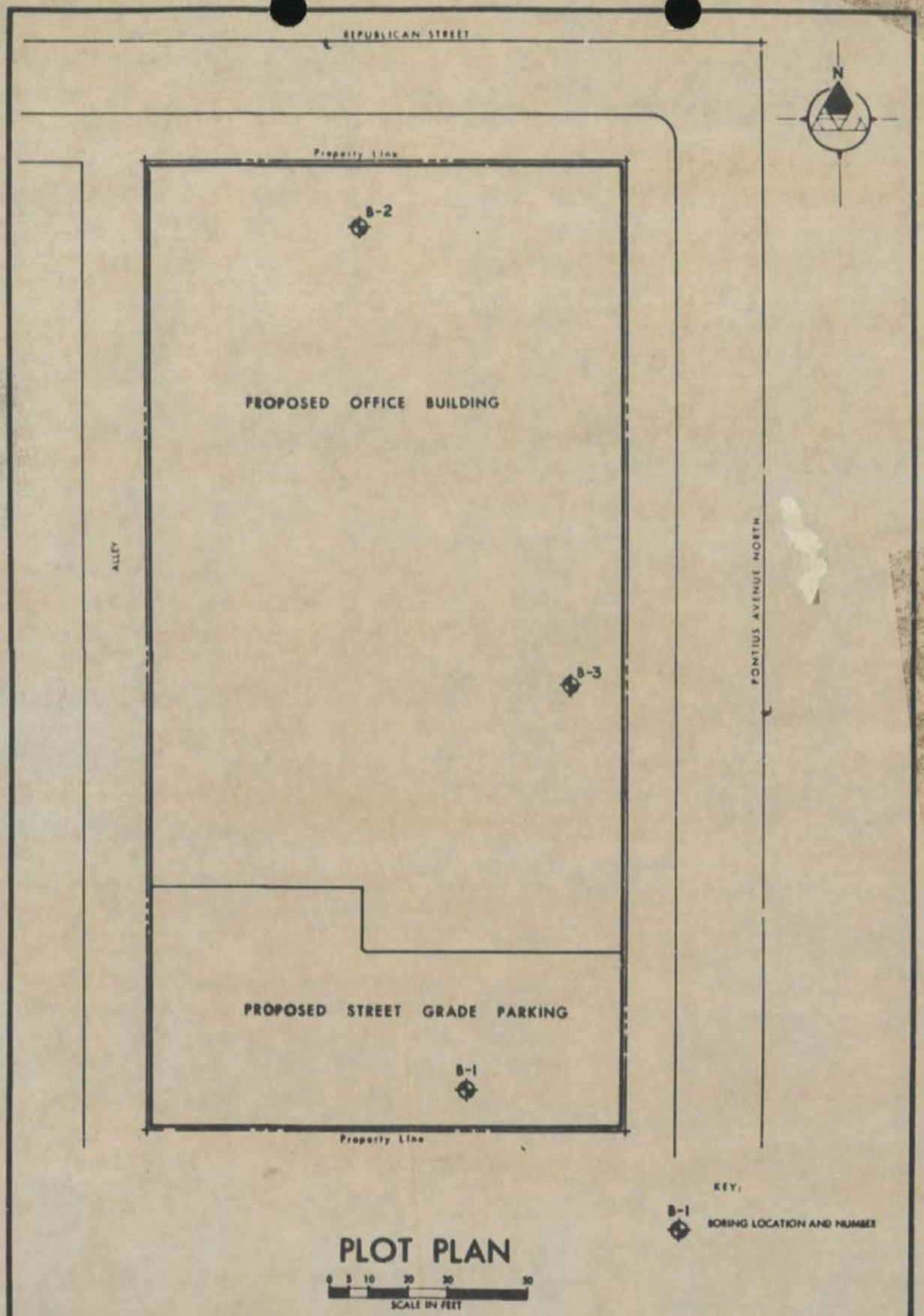
1. THE DISCUSSION IN THE TEXT OF THIS REPORT IS NECESSARY FOR A PROPER UNDERSTANDING OF THE NATURE OF THE SUBSURFACE MATERIALS.
2. ELEVATION ESTIMATED FROM TOPOGRAPHIC SITE SURVEY PREPARED BY DUFFY, LAWVER & KUMPF, INC., ENGINEERS, LAND SURVEYORS. DATED AUGUST 29, 1980.

LOG OF BORINGS

DAMES & MOORE

13085-001-05

PLATE A-1



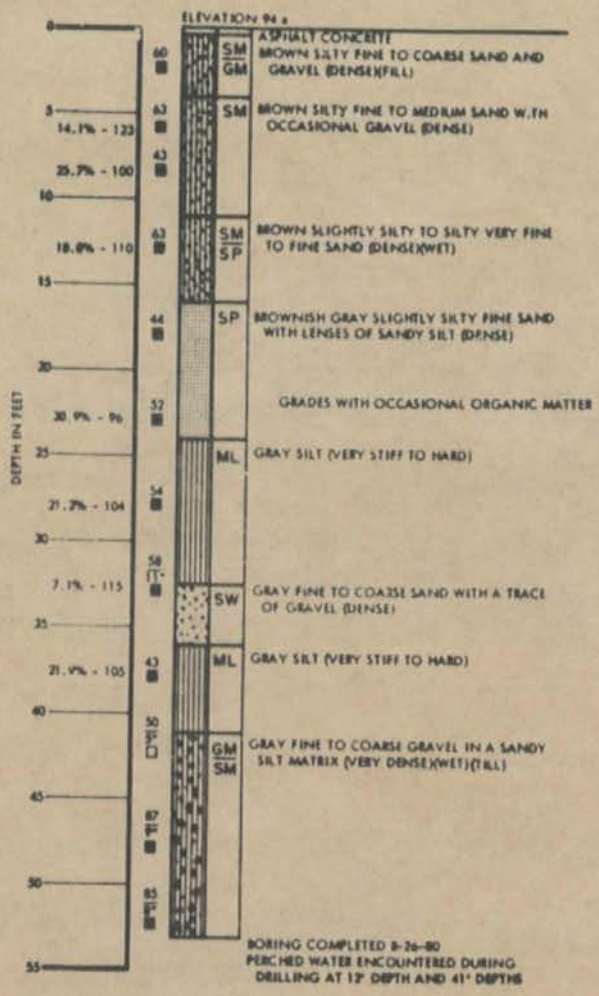
PLOT PLAN

REFERENCE: DRAWING ENTITLED "SITE/FIRST FLOOR PLAN" BY CHESTER L. LINDSEY ARCHITECTS, SEATTLE, WASHINGTON UNDATED.

12085-001-05

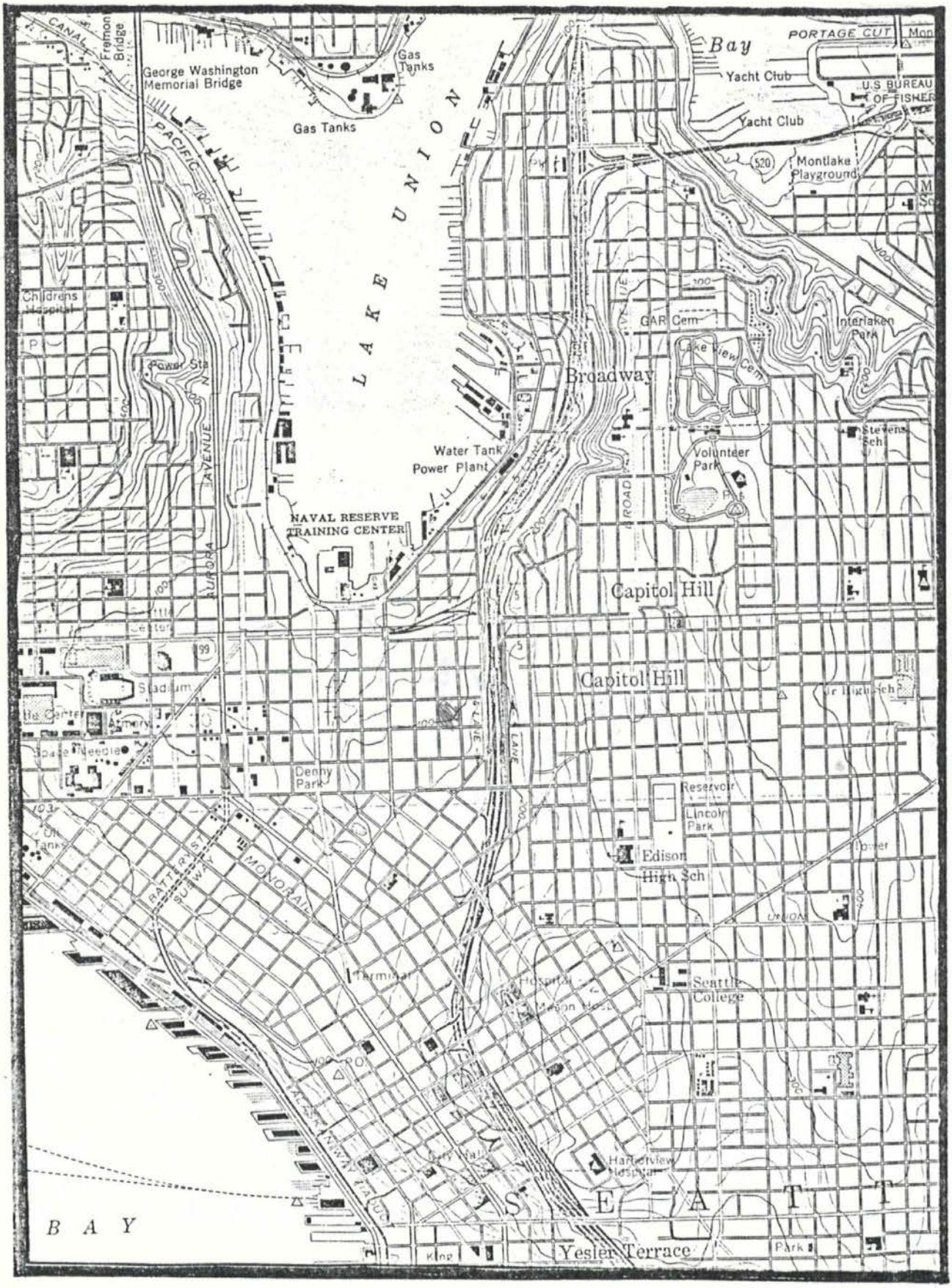
PLATE 1

BORING 3



LOG OF BORING

SEATTLE SOUTH QUAD.



T 25N

RANGE 4E

MASTERCRAFT METAL FINISHING

SEC 30

MASTERCRAFT METAL FINISHING

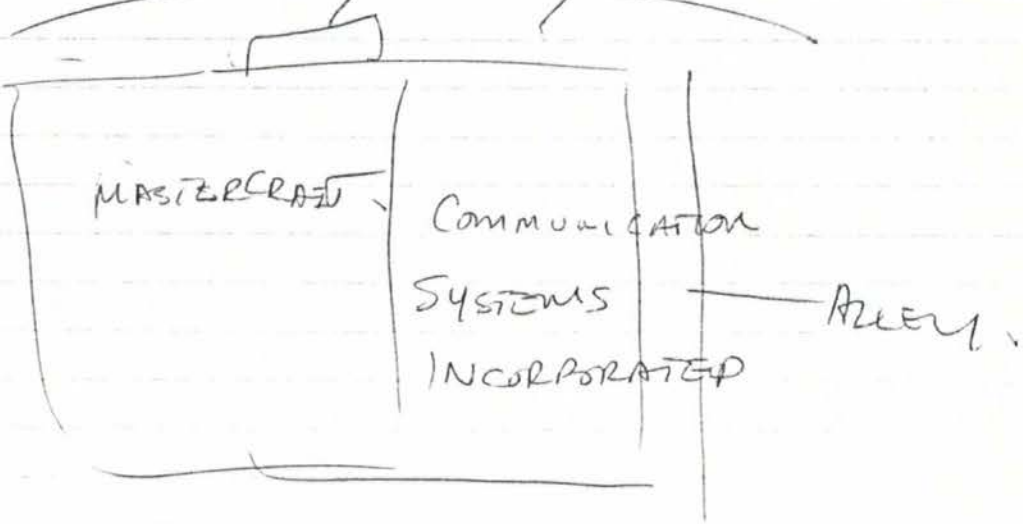
JULY 2, 1985

8:30 AM — HNU READINGS

CORNER/SIDE 0-20 Scale, HNU

HARRISON. N 2.5 (by door)
NW 2.5
W > other building
REAR DOOR SW 2.5
ALLEY S 2.5
SE 2.5
MINOR E 2.5
NE 2.5

Tank still present but appears to be empty



* levels not much above bkgd.

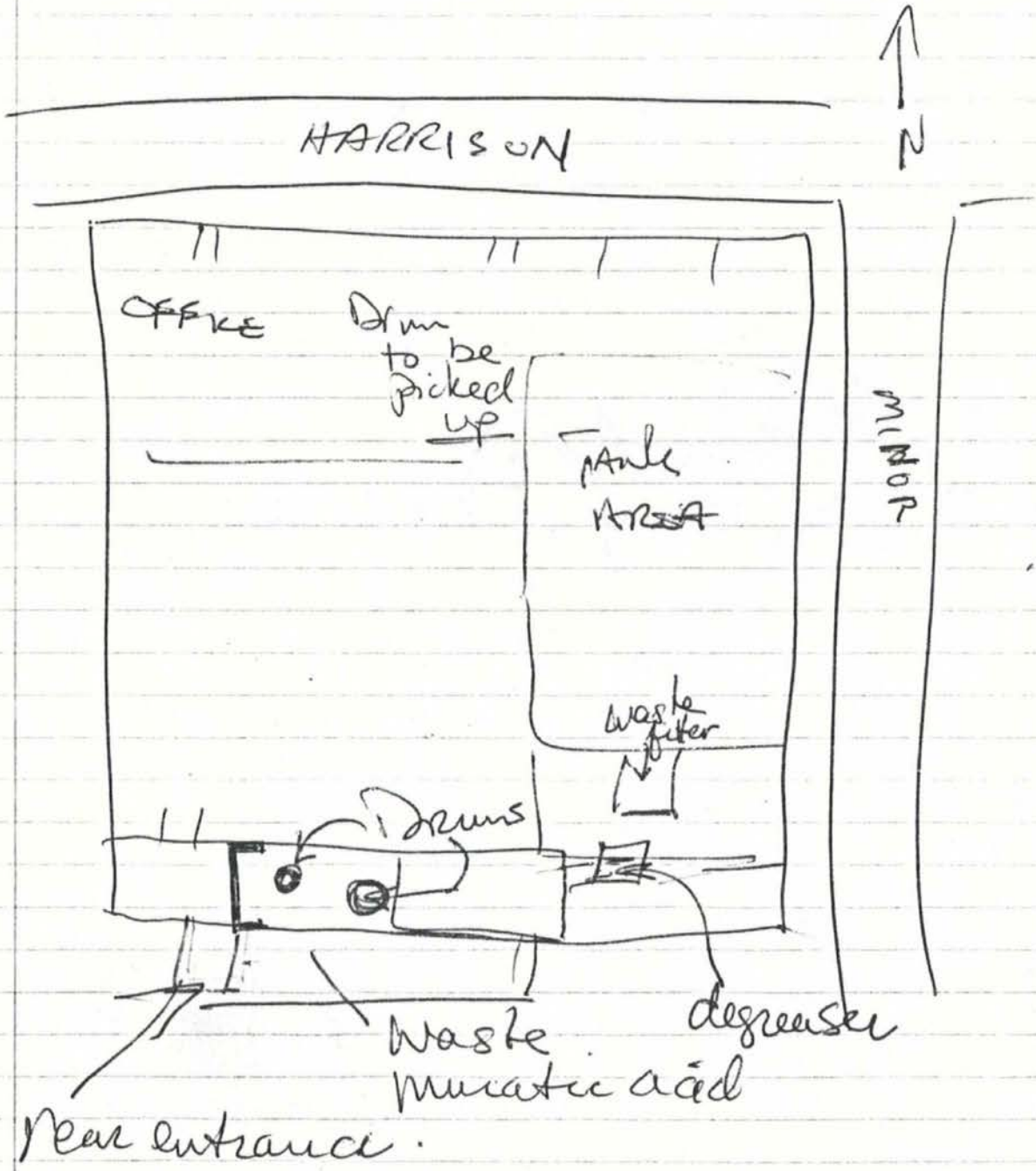
MASTERCRAFT METAL FINISHING

OWNER/OPERATOR - MIKE KARTEZ

PAUL BRUSON
JEFF WHIBREW } E&E

WED. March 6, 1985

0900.


HARRISON
N
OFFICE
Drum to be picked up
TANK AREA
waste filter
Drums
degreaser
Waste muriatic acid
Near entrance.
MINOR

Degreaser

Baron Blakeslee
Melrose Park, IL

Use TCE in — recycled and sent to Baron Blakeslee

Manifest - NW Tank. Stored until approval then will be shipped to Arlington
2/26/85.

Sulfuric Strip	1780	3 drums
Nitric Strip	1760	1 "
Chrome Bath.	1760	1 "

- workers not protected properly
- Sump area not berned
- Chemicals stored in plastic 30 gal drums - NW tank picked up (in plastic drums).

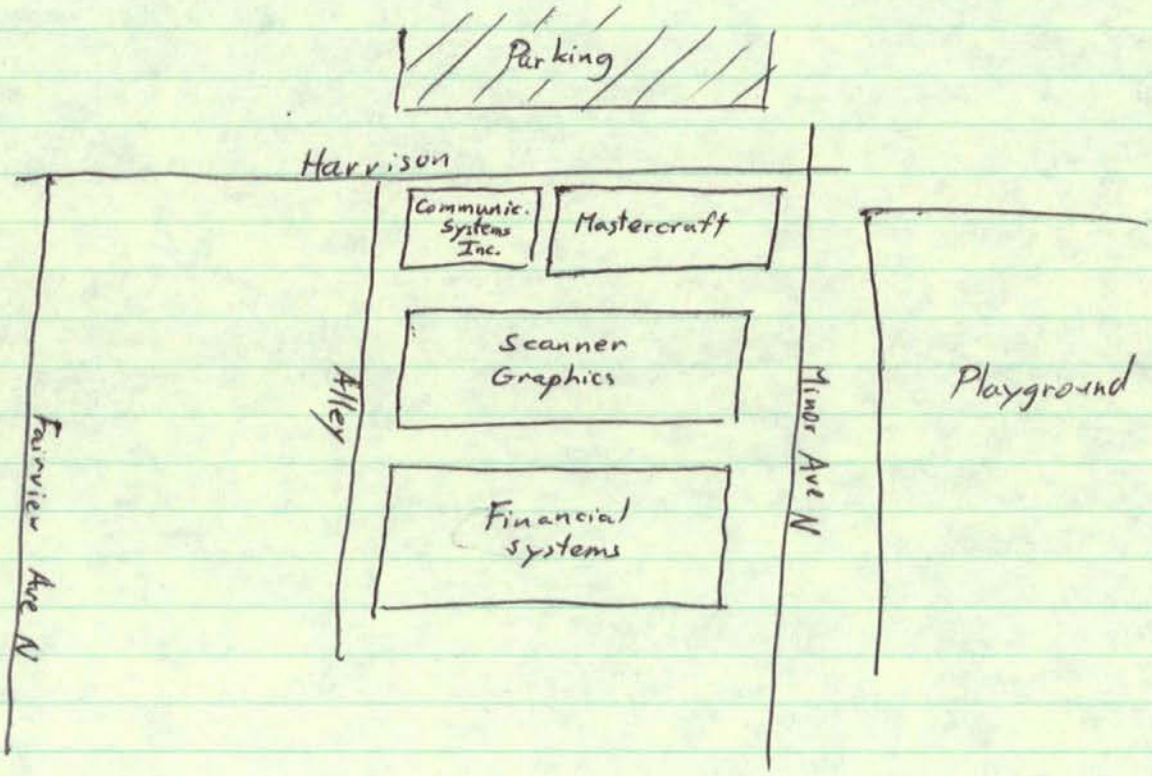
- 2 drums found full of unknown contents (not marked)

- nickel or plating process has undetermined fate.
- tank in rear full of muratic acid. - just covered with plastic. Mr. Carter wants to neutralize & ship.
- back alley small - tank next dumpster.
- no waste storage area.
- TCE recycled in degreaser.
- waste from degreaser (claims minimal) is drummed - no waste treatment facilities i.e. clarifier.

Site visits - 6/21/84 - D. Weston

Mastercraft

Commercial / residential area
Small cinder block building tucked in among other commercial establishment
All operations within building - unobservable
Lake Union downgradient to the north with a relatively steep incline
Site immediately adjacent to a fenced playground



JRB Project # 136-XX

CONTACT REPORT

Report By: Morson Date: 5/84 Time:

Made Call ☐ Received Call ☐ Meeting ☒

Contact: METRO files ( )

Discussion: MASTERCRAFT
1175 Harrison St Seattle, 98109
Larry C. Beckley 622-6380

Custom decorative plating shop.
Permitted for 5880 gpd. Cd, Cr, Cu, Ni, Pb, Zn, cyanide.
A few permit violations over last few years, but nothing serious

Distribution:

BIOGRAPHICAL INFORMATION ON COMPANY

COMPANY Mastercraft Metal Finishing

INDUSTRY Electroplating

SIC CODE 3471

OWNER Larry C. Beckley

ADDRESS 1175 Harrison Street

CITY, STATE Seattle, WA 98109

COUNTY King

CONTACT, PHONE Larry Beckley 622-6380

If company has moved, what is (are) the former address(es):

Known hazardous wastes produced from 1975 Region X study (type, quantity, time frame):

1) Copper plating bath filter solids dumped in the trash.
2) Bad plating solutions sent to Western Processing.
3) Effluent (characteristics unknown).

FILE REVIEW CHECKLIST

◀ SITE DATA ▶

Site Name: Mastercraft Metal Finishing		Street: 1175 Harrison St.		
City: Seattle		State: WA	Zip: 98112	County: King
EPA ID No: WAD063346597		SIC:		Site area (acres):
Latitude: / /	Longitude: / /	Section:	Township:	Range:
Hazard Ranking Score (HRS):			HRS Date:	

◀ SITE ACTIVITY ▶

	Generator		Abandoned Site		Treatment-Storage-Disposal
	Transporter		Spill		Other:

◀ FILE REVIEW SUMMARY ▶

Recommendation:		Close File	X	Further Review		Other:
		Score Site	X	Site Visit		

Comments:

- Not enough information in this file to make any kind of judgement about this site.

Reviewer: Thomas A. Robin

Date: April 6, 1983

◀ HAZARDOUS WASTE INFORMATION ▶

	General Type		Source of Waste		
	Organics		Mining		Transformers
X	Inorganics		Construction		Utility Companies
	Solvents		Textiles		Sanitary/Refuse
	Pesticides		Fertilizer		Photofinish
	Heavy Metals		Paper/Printing		Lab/Hospital
X	Acids		Leather Tanning		Unknown
	Bases		Iron/Steel Foundry		Other:
	PCB		Chemical, General		
	Municipal Waste	X	Plating/Polishing ?		
	Unknown		Military/Ammunition		
	Other:		Electrical Conductors		

Period of disposal, from: to;

Material	Toxicity	Persistence	Physical State	Quantity (1)	Facility Type (2)	Containment (3)

(1) gallons-cubic yards-tons. (3) none-leaking-good-unknown
(2) piles-land treatment-landfill-tanks-impoundment-underground injection-drums,above ground-drums,below ground-other

◀ POTENTIAL HAZARD RANKING SYSTEM SCORE ▶

Groundwater/Surface Water Route			Air Route		
Hazardous Waste Quantity: 0 1 2 3 4 5 6 7 8			Waste Characteristics:		
			Reactivity/Incompatibility 0 1 2 3		
			Toxicity 0 1 2 3 (X3)		
Toxicity/Persistence 0 3 6 9 12 15 18			Hazardous Waste Quantity 0 1 2 3 4 5 6 7 8		
Potential Score		/26 X 100=	Potential Score		/20 X 100=

◀ EVENTS ▶

Event	Date Started	Date Completed	Conducted By				Count
			EPA	State	Resp. Party	Other	
Site Discovery	X	/	X	X	X	X	X
Preliminary Assessment	X	/	X	X	X	X	X
Site Investigation	/	/			X	X	X
Remedial Action	/	/					
Removal Action	/	/	X	X	X	X	
Enforcement Investiga.	/	/			X		X
Administrative Order	/	/			X		X
Judicial Action	/	/			X		X

◀ DATA/INFORMATION AVAILABLE IN FILE ▶

Type of Data/Information	Yes	No	Attached
Groundwater Analyses		X	
Surface Water Analyses		X	
Air Quality Analyses		X	
Location Map		X	
Site Plan		X	
Well Logs		X	
Soil Type		X	

Additional comments and information:

HAZARDOUS WASTE INVENTORY

The following inventory is meant to serve as a guide in collecting information on past hazardous waste generation and management. It is meant to reflect the type of data that is of interest for each potentially hazardous waste.

Type of Waste - A general description of the waste (i.e., empty pesticide containers, spent solvents, etc.). If specific chemical compounds are known they should be included.

1) Copper plating bath filter solids
2) Bad plating solutions
3) Effluent

Form of Waste - A brief description of the physical form of the waste including size, if applicable (i.e., sludges, liquid sealed in 55 gallon drums, 100 pound blocks, etc.).

1) Sludge
2) Liquid
3) Liquid

Source of Waste - The particular operation responsible for generating the waste (i.e., electroplating shop, vector control, etc.).

1-3) Electroplating operations

Quantity of Waste - Typical waste generation figures (i.e., 400 gallons/month, 5 tons/year, etc.).

1) <2 ft^3/yr
2) Unknown
3) 5000 gal/month

Period of Waste Production - Time period that waste was produced (i.e., 1950-1963, 1945-present, etc.).

1) 1972-present
2) 1972-present
3) 1972-present

Disposal Method - How wastes were disposed of, including location of disposal site if applicable (i.e., recycled in shop, incinerated, taken to county landfill, etc.).

1) Sent to Western Processing
2) Sent to Western Processing
3) Sewered

Recycling Practices - If applicable (i.e., sold to reprocessing plant, returned to vendor, etc.).

Additional Comments -

Information on Former Producers of Waste Who are No Longer Active - Any information similar to that given above, concerning wastes generated by a company no longer in existance or any company that was located in close proximity (i.e., Sam's electroplating operated from 1961-1970 and their waste sludges were 1) recycled, 2) sewered, 3) reprocessed, etc.).

Information on Firms Producing Similar Wastes - Are the above methods also used by other firms for disposal of similar wastes? If not, what other alternatives are you aware of that have been used?

Company started in 1974 and was bought by Mr. Beckley in 1972. Metro published the following data on plant effluent:

A) Grab Sample

Compound	pH	Cd	Cr	Cu	Ni	Pb	Zn
Max. Allowed mg/l	5.6	.01	.03	2.24	.15	< .02	.10
Actual	5.5	3.0	6.0	3.0	6.0	3.0	5.0

B) Composite Sample (26 Samples)

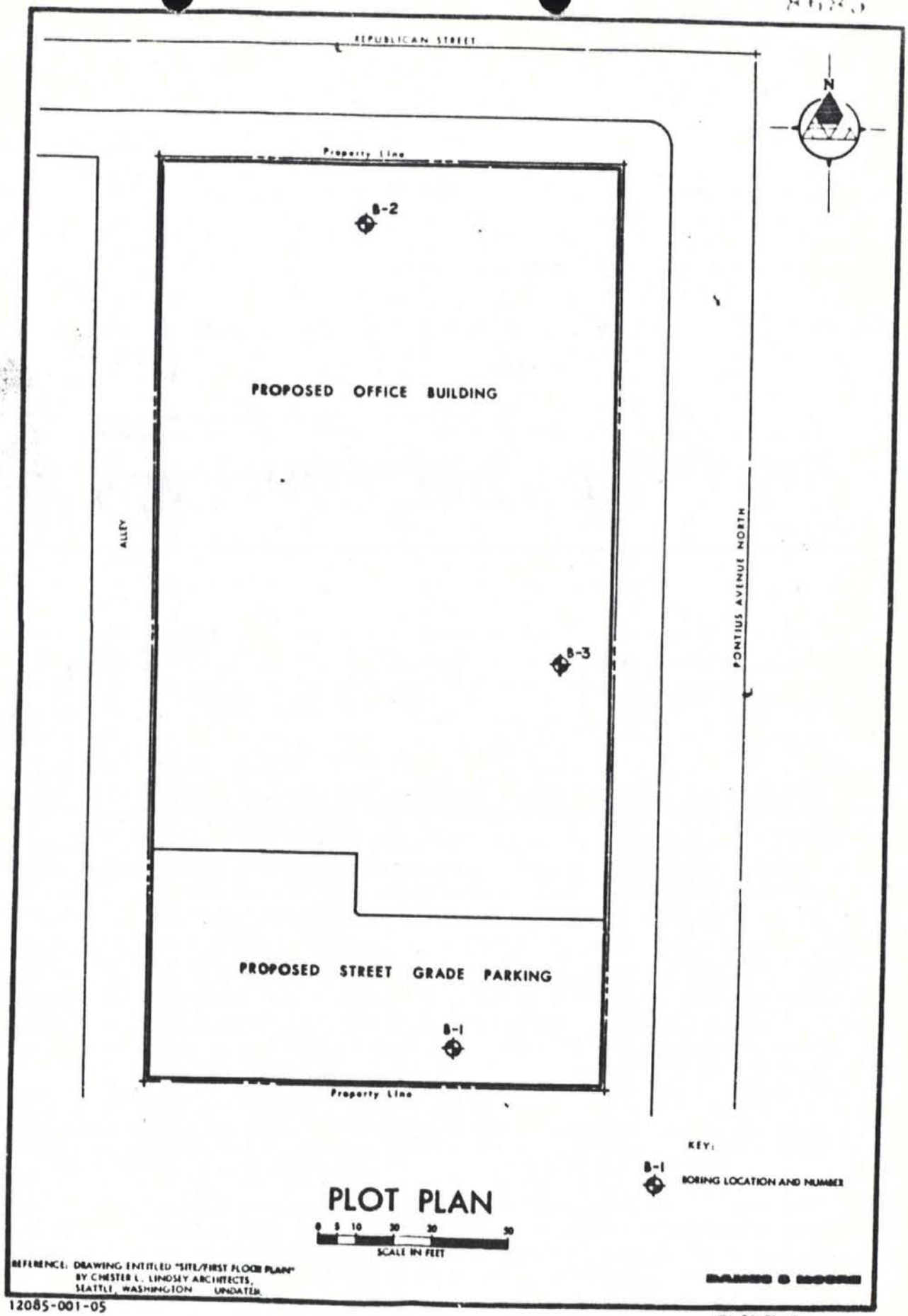
Compound	pH	Cd	Cr	Cu	Ni	Pb	Zn
Max. Allowed mg/l	5.4	.004	2.63	.23	.73	< .02	.06
Actual	5.5	3.0	6.0	3.0	6.0	3.0	5.0

Metro mistakenly took samples before neutralization tank, resulting in low pH values.

Excessive Cd, Cr, Cu,
300 ×
Ni, Pb, Zn

Year?

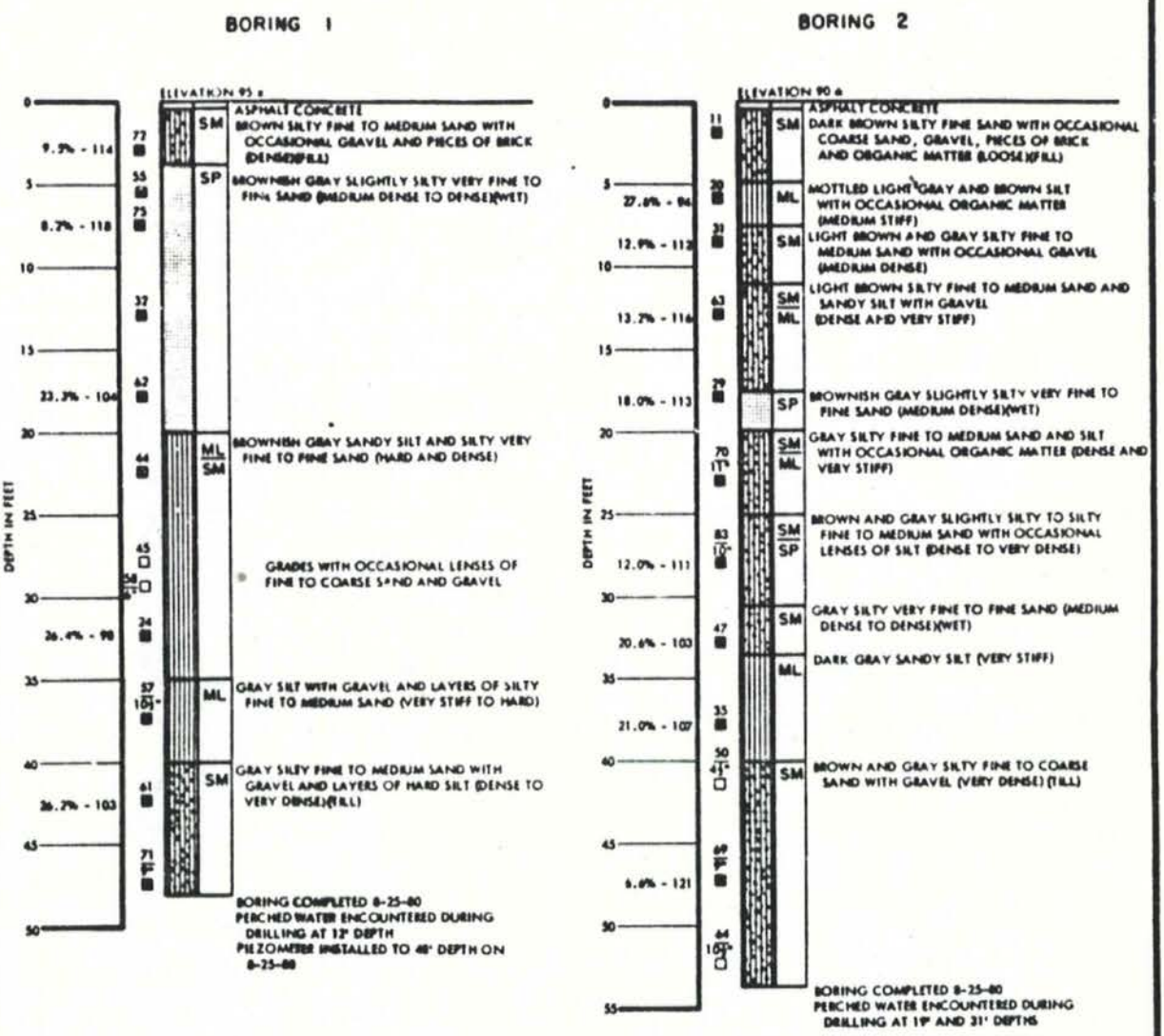
8685



12085-001-05

PLATE 1

Borings near site



KEY:

MOISTURE CONTENT — 9.5% - 114 — DRY DENSITY IN PCF

72 — BLOWS REQUIRED TO DRIVE DAMES AND MOORE SAMPLER ONE FOOT WITH A HAMMER WEIGHT OF 250 LBS., AND A STROKE OF 30 INCHES.

■ INDICATES DEPTH AT WHICH UNDISTURBED SAMPLE WAS EXTRACTED.

■ INDICATES DEPTH AT WHICH DISTURBED SAMPLE WAS EXTRACTED.

□ INDICATES SAMPLING ATTEMPT WITH NO RECOVERY.

NOTES:

1. THE DISCUSSION IN THE TEXT OF THIS REPORT IS NECESSARY FOR A PROPER UNDERSTANDING OF THE NATURE OF THE SUBSURFACE MATERIALS.
2. ELEVATION ESTIMATED FROM TOPOGRAPHIC SITE SURVEY PREPARED BY DUFFY, LAWVER & KUMPF, INC., ENGINEERS, LAND SURVEYORS. DATED AUGUST 29, 1980.

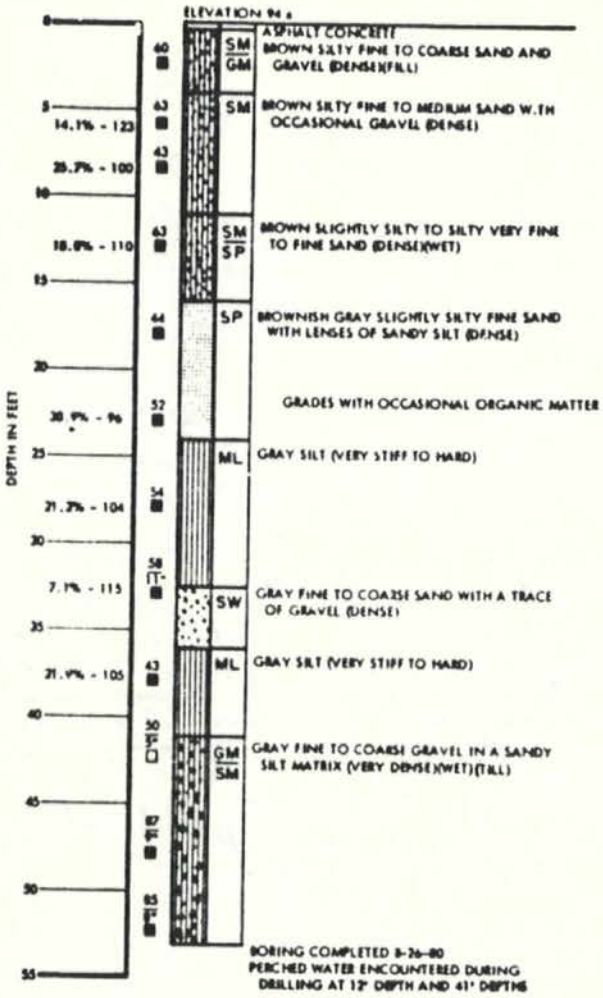
LOG OF BORINGS

DAMES & MOORE

12085-001-05

PLATE A-1

BORING 3



LOG OF BORING