

Z 278 184 445

US Postal Service

Receipt for Certified Mail

MR AND MRS SONNY REEVES
405 N JACKSON STREET
CRYSTAL SPRINGS MS 39059

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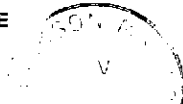
PS Form 3800, April 1995

Stick postage stamps to article to cover First-Class postage, certified mail fee, and charges for any selected optional services (See front).

1. If you want this receipt postmarked, stick the gummed stub to the right of the return address leaving the receipt attached, and present the article at a post office service window or hand it to your rural carrier (*no extra charge*).
2. If you do not want this receipt postmarked, stick the gummed stub to the right of the return address of the article, date, detach, and retain the receipt, and mail the article.
3. If you want a return receipt, write the certified mail number and your name and address on a return receipt card, Form 3811, and attach it to the front of the article by means of the gummed ends if space permits. Otherwise, affix to back of article. Endorse front of article **RETURN RECEIPT REQUESTED** adjacent to the number.
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5. Enter fees for the services requested in the appropriate spaces on the front of this receipt. If return receipt is requested, check the applicable blocks in item 1 of Form 3811.
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MS DEPT OF ENVIRONMENTAL QUALITY
PO BOX 10385
JACKSON MS 39289-0385
ATTENTION: GRETCHEN ZMITROVICH

392890385



SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
 2. ☐ Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:

MR AND MRS SONNY REEVES
405 N JACKSON STREET
CRYSTAL SPRINGS MS 39059

4a. Article Number

2 278 184 445

4b. Service Type

- ☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

2/12/01

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8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)

Sonny Reeves



FILE COPY

STATE OF MISSISSIPPI
DAVID RONALD MUSGROVE, GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

February 9, 2001

Mr. and Mrs. Sonny Reeves
405 N. Jackson Street
Crystal Springs, MS 39059

RE: soil and wipe sampling

Dear Mr. and Mrs. Reeves:

Please find attached the report for the soil and wipe sampling conducted at 405 N. Jackson Street, Crystal Springs, MS. The report includes the following:

1. a map showing the sampling locations,
2. a table containing the sample results for the analysis conducted by the mobile laboratory, Environmental Chemistry Consulting Services, and
3. data sheets containing the split sample results for the analysis conducted by the fixed laboratory, Paradigm Analytical Laboratories, Inc.

In addition, please find enclosed a letter from the MDEQ stating that, based on the information collected to date, no further investigative or remedial action is required on your property in regard to contamination from the Kuhlman facility.

Please contact Gretchen Zmitrovich at 601-961-5240 if you have any questions regarding this report.

Sincerely,

Tony Russell, Chief
Uncontrolled Sites Section

cc: Mr. Doug Mercier

Enclosures

Kuhlman Electric-405 N. Jackson (Reeves) report_2-9-01 (gz)



STATE OF MISSISSIPPI
DAVID RONALD MUSGROVE, GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

February 9, 2001

CERTIFIED LETTER NO. Z 278 184 445 RETURN RECEIPT REQUESTED

Mr. and Mrs. Sonny Reeves
405 N. Jackson Street
Crystal Springs, Mississippi 39059

RE: 405 N. Jackson Street
Crystal Springs, Copiah County, Mississippi

Dear Mr. and Mrs. Reeves:

The Uncontrolled Sites Section of the Mississippi Department of Environmental Quality (MDEQ) has completed a review of the sampling report prepared by Ogden Environmental and Engineering for the above referenced property. The MDEQ requires no further action at this site at this time.

If cleanup standards change or additional data becomes available for the site, then MDEQ will notify the appropriate parties of the need for any additional investigation(s) or remedial action(s). These actions will be consistent with our need to protect human health, welfare, and/or the environment.

If you have any questions, concerning this matter, please contact Gretchen Zmitrovich at (601) 961-5240.

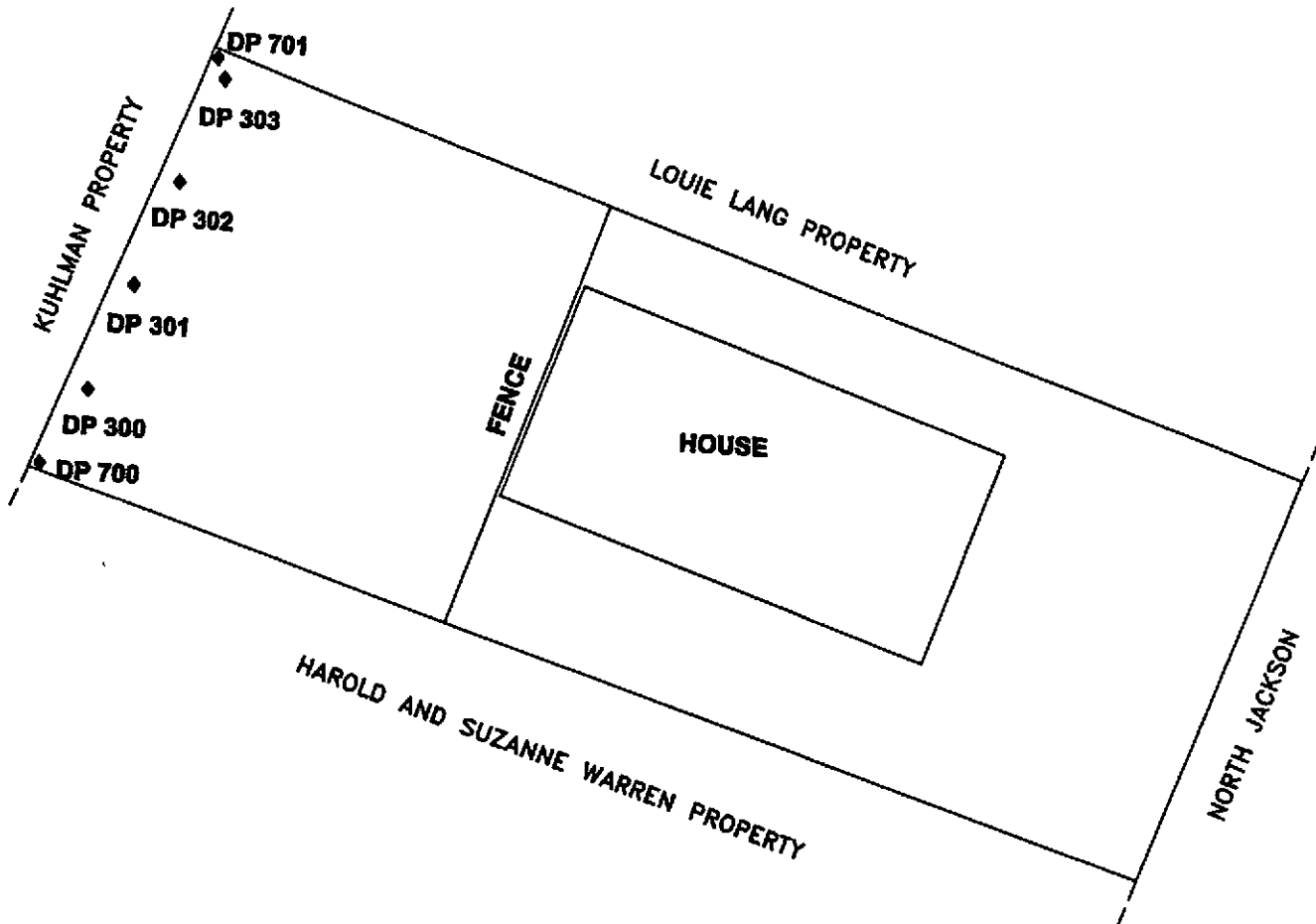
Sincerely,

A handwritten signature in black ink, appearing to read "Tony Russell".

Tony Russell, Chief
Uncontrolled Sites Section

Kuhlman Electric-405 N. Jackson Street (Reeves) SNFA_2-9-01 (gz)

COPY



LEGEND

- ◆ SAMPLE POINT
- DP 302 SAMPLE POINT NUMBER

25 0 25 50

SAMPLE LOCATIONS FOR SONNY REEVES PROPERTY 405 NORTH JACKSON

SCALE: AS SHOWN

DR MDI CHK TF REV BPS

PREPARED BY:

OGDEN

ENVIRONMENTAL AND ENGINEERING SERVICES

200 SOUTH OLD STATEVILLE ROAD • HUNTERSVILLE, NC 28078 • 704-873-3370

PROJ: 073350000 DATE: 09/24/00 SHEET 1 OF 1

- 1) ALL DISTANCES ARE ESTIMATED
- 2) THIS MAP WAS PREPARED FROM RECORD MAPS
- 3) THIS MAP HAS BEEN PREPARED FOR PRESENTATION PURPOSES ONLY

Soil and Wipe Sample Results
 Sonny Reeves Property
 405 North Jackson
 Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)		DP-300	DP-300	DP-301	DP-301	DP-302	DP-302	DP-303	DP-303	DP-700	DP-701
Target Analyte	Sample #										
	Depth (ft)	0.5	4	0.5	4	0.5	4	0.5	4	0.1	0.1
	Lab #	4	5	6	7	8	9	10	11	1140	1141
PCB as 1280		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.70 *J	0.72 *J
	Collection Date	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	9/19/00	9/19/00
	Collection Time	9:04	9:10	9:12	9:15	9:18	9:22	9:25	9:30	16:40	16:42
	Injection Date	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	9/20/00	9/20/00

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

WIPE SAMPLES (TOTAL UG)		SRW-1	SRW-2	SRW-3	SRW-4
Target Analyte	Sample #				
	Depth				
	Lab #	723	724	725	726
PCB as 1280		<0.50	<0.50	<0.50	<0.50
	Collection Date	8/30/00	8/30/00	8/30/00	8/30/00
	Collection Time	8:24	8:26	8:27	8:30
	Injection Date	8/30/00	8/30/00	8/30/00	8/30/00

LOCATIONS:
 SRW1: Left handrail of back stairs, 3rd step from bottom.
 SRW2: Rear storm door, left of handle.
 SRW3: Right sliding glass door in rear, left of handle.
 SRW4: Left (northernmost) crawlspace door, next to latch.

PARSONS ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: DP301 - 0.5'
Client Project ID: Kuhlman Electric
Lab Sample ID: 93674
Lab Project ID: G185-78
Matrix: Soil

Date Collected: 8/18/00
Date Received: 8/18/00
Date Analyzed: 8/30/00
Analyzed By: CLP
Dilution: 1

%SOLIDS: 89.0

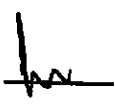
Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Arochlor-1016	170	BQL
Arochlor-1221	170	BQL
Arochlor-1232	170	BQL
Arochlor-1242	170	BQL
Arochlor-1248	170	BQL
Arochlor-1254	170	BQL
Arochlor-1260	170	BQL
Arochlor-1262	170	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	77	77

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DP301 - 0.5'

Client Project ID: Kuhlman Electric

Lab Sample ID: 93674

Lab Project ID: G185-78

Matrix: Soil

%Solids: 89.0

Date Collected: 8/16/00

Date Received: 8/18/00

Date Analyzed: 8/30/00

Analyzed By: MRC

Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	350	BQL
Acenaphthylene	350	BQL
Anthracene	350	BQL
Benzo[a]anthracene	350	BQL
Benzo[a]pyrene	350	BQL
Benzo[b]fluoranthene	350	BQL
Benzo[g,h,i]perylene	350	BQL
Benzo[k]fluoranthene	350	BQL
Benzoic Acid	700	BQL
Bis(2-chloroethoxy)methane	350	BQL
Bis(2-chloroethyl)ether	350	BQL
Bis(2-chloroisopropyl)ether	350	BQL
Bis(2-ethylhexyl)phthalate	350	BQL
4-bromophenyl phenyl ether	350	BQL
Butylbenzylphthalate	350	BQL
4-Chloroaniline	350	BQL
4-Chloro-3-methylphenol	350	BQL
2-Chloronaphthalene	350	BQL
2-Chlorophenol	350	BQL
4-Chlorophenyl phenyl ether	350	BQL
Chrysene	350	BQL
Di-n-Butylphthalate	350	BQL
Di-n-octylphthalate	350	BQL
Dibenzo[a,h]anthracene	350	BQL
Dibenzofuran	350	BQL
1,2-Dichlorobenzene	350	BQL
1,3-Dichlorobenzene	350	BQL
1,4-Dichlorobenzene	350	BQL
3,3'-Dichlorobenzidine	700	BQL
2,4-Dichlorophenol	350	BQL
Diethylphthalate	350	BQL
2,4-Dimethylphenol	350	BQL
Dimethylphthalate	350	BQL
4,6-Dinitro-2-methylphenol	1700	BQL
2,4-Dinitrophenol	1700	BQL
2,4-Dinitrotoluene	350	BQL
2,6-Dinitrotoluene	350	BQL
Fluoranthene	350	BQL
Fluorene	350	BQL
Hexachlorobenzene	350	BQL
Hexachlorobutadiene	350	BQL
Hexachlorocyclopentadiene	700	BQL
Hexachloroethane	350	BQL
Indeno(1,2,3-c,d)pyrene	350	BQL
Isophorone	350	BQL

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DP301 - 0.5'
 Client Project ID: Kuhlman Electric
 Lab Sample ID: 93674
 Lab Project ID: G185-78
 Matrix: Soil

%Solids: 89.0

Date Collected: 8/16/00
 Date Received: 8/18/00
 Date Analyzed: 8/30/00
 Analyzed By: MRC
 Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Methylnaphthalene	350	BQL
2-Methylphenol	350	BQL
3- & 4-Methylphenol	350	BQL
N-Nitrosodi-n-propylamine	350	BQL
N-Nitrosodiphenylamine	350	BQL
Naphthalene	350	BQL
2-Nitroaniline	350	BQL
3-Nitroaniline	350	BQL
4-Nitroaniline	350	BQL
Nitrobenzene	350	BQL
2-Nitrophenol	350	BQL
4-Nitrophenol	1700	BQL
Pentachlorobenzene	350	BQL
Pentachlorophenol	1700	BQL
Phenanthrene	350	BQL
Phenol	350	BQL
Pyrene	350	BQL
1,2,3,4-Tetrachlorobenzene	350	BQL
1,2,3,5- & 1,2,4,5-Tetrachlorobenzene	350	BQL
1,2,3-Trichlorobenzene	350	BQL
1,2,4-Trichlorobenzene	350	BQL
1,3,5-Trichlorobenzene	350	BQL
2,4,5-Trichlorophenol	350	BQL
2,4,6-Trichlorophenol	350	BQL

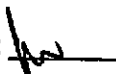
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	10.4	104
2-Fluorophenol	10	8.9	89
Nitrobenzene-d5	10	10.1	101
Phenol-d6	10	10	100
2,4,6-Tribromophenol	10	8.9	89
4-Terphenyl-d14	10	10.3	103

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: 

Results of Library Search for Semivolatile Compounds
by GCMS

Client Sample ID: DP301 - 0.5'
Client Project ID: Kuhlman Electric
Lab Sample ID: 93674
Lab Project ID: G185-78

Date Collected: 8/16/00
Date Received: 8/18/00
Date Analyzed: 8/30/00
Analyzed By: MRC
Dilution: 1

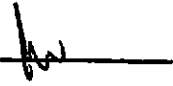
Matrix: Soil %SOLIDS 89.0

Num.	Compound	CAS#	Match Probability	Result (ug/KG)
1	Unknown			2500
2	Alkane, Unknown			850
3	Unknown			840
4	Unknown			730
5	Unknown			680
6	Alkane, Unknown			400
7	Unknown			310
8	Unknown			290
9	Unknown			290
10	Unknown			

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak height of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak height is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: 

PARAGM ANALYTICAL LABORATORIES INC.

Results for PCBs
by EPA 8082

Client Sample ID: DP302 - 4'
Client Project ID: Kuhlman Electric
Lab Sample ID: 93675
Lab Project ID: G185-78
Matrix: Soil

Date Collected: 8/16/00
Date Received: 8/18/00
Date Analyzed: 8/30/00
Analyzed By: CLP
Dilution: 1

%SOLIDS: 92.0

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Arochlor-1016	170	BQL
Arochlor-1221	170	BQL
Arochlor-1232	170	BQL
Arochlor-1242	170	BQL
Arochlor-1248	170	BQL
Arochlor-1254	170	BQL
Arochlor-1260	170	BQL
Arochlor-1282	170	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	66	66

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DP302 - 4'

Client Project ID: Kuhlman Electric

Lab Sample ID: 93675

Lab Project ID: G185-78

Matrix: Soil

%Solids: 92.0

Date Collected: 8/16/00

Date Received: 8/18/00

Date Analyzed: 8/30/00

Analyzed By: MRC

Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Acenaphthene	340	BQL
Acenaphthylene	340	BQL
Anthracene	340	BQL
Benzo[a]anthracene	340	BQL
Benzo[a]pyrene	340	BQL
Benzo[b]fluoranthene	340	BQL
Benzo[g,h,i]perylene	340	BQL
Benzo[k]fluoranthene	340	BQL
Benzoic Acid	670	BQL
Bis(2-chloroethoxy)methane	340	BQL
Bis(2-chloroethyl)ether	340	BQL
Bis(2-chloroisopropyl)ether	340	BQL
Bis(2-ethylhexyl)phthalate	340	BQL
4-bromophenyl phenyl ether	340	BQL
Butylbenzylphthalate	340	BQL
4-Chloroaniline	340	BQL
4-Chloro-3-methylphenol	340	BQL
2-Chloronaphthalene	340	BQL
2-Chlorophenol	340	BQL
4-Chlorophenyl phenyl ether	340	BQL
Chrysene	340	BQL
DI-n-Butylphthalate	340	BQL
DI-n-octylphthalate	340	BQL
Dibenzo[a,h]anthracene	340	BQL
Dibenzofuran	340	BQL
1,2-Dichlorobenzene	340	BQL
1,3-Dichlorobenzene	340	BQL
1,4-Dichlorobenzene	340	BQL
3,3'-Dichlorobenzidine	670	BQL
2,4-Dichlorophenol	340	BQL
Diethylphthalate	340	BQL
2,4-Dimethylphenol	340	BQL
Dimethylphthalate	340	BQL
4,6-Dinitro-2-methylphenol	1700	BQL
2,4-Dinitrophenol	1700	BQL
2,4-Dinitrotoluene	340	BQL
2,6-Dinitrotoluene	340	BQL
Fluoranthene	340	BQL
Fluorene	340	BQL
Hexachlorobenzene	340	BQL
Hexachlorobutadiene	340	BQL
Hexachlorocyclopentadiene	670	BQL
Hexachloroethane	340	BQL
Indeno(1,2,3-c,d)pyrene	340	BQL
Isophorone	340	BQL

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DP302 - 4'

Client Project ID: Kuhlman Electric

Lab Sample ID: 93675

Lab Project ID: G185-78

Matrix: Soil

%Solids: 92.0

Date Collected: 8/16/00

Date Received: 8/18/00

Date Analyzed: 8/30/00

Analyzed By: MRC

Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
2-Methylnaphthalene	340	BQL
2-Methylphenol	340	BQL
3- & 4-Methylphenol	340	BQL
N-Nitrosodi-n-propylamine	340	BQL
N-Nitrosodiphenylamine	340	BQL
Naphthalene	340	BQL
2-Nitroaniline	340	BQL
3-Nitroaniline	340	BQL
4-Nitroaniline	340	BQL
Nitrobenzene	340	BQL
2-Nitrophenol	340	BQL
4-Nitrophenol	1700	BQL
Pentachlorobenzene	340	BQL
Pentachlorophenol	1700	BQL
Phenanthrene	340	BQL
Phenol	340	BQL
Pyrene	340	BQL
1,2,3,4-Tetrachlorobenzene	340	BQL
1,2,3,5- & 1,2,4,5-Tetrachlorobenzene	340	BQL
1,2,3-Trichlorobenzene	340	BQL
1,2,4-Trichlorobenzene	340	BQL
1,3,5-Trichlorobenzene	340	BQL
2,4,5-Trichlorophenol	340	BQL
2,4,6-Trichlorophenol	340	BQL

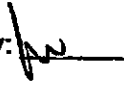
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.9	99
2-Fluorophenol	10	7.5	75
Nitrobenzene-d5	10	9.7	97
Phenol-d6	10	8.5	85
2,4,6-Tribromophenol	10	7.2	72
4-Terphenyl-d14	10	10.1	101

Comments:

Results are corrected for %solids and dilution where applicable.

Flags:

BQL = Below Quantitation Limit.

Reviewed By: 

**Results of Library Search for Semivolatile Compounds
by GCMS**

Client Sample ID: DP302 - 4'

Client Project ID: Kuhlman Electric

Lab Sample ID: 93675

Lab Project ID: G185-78

Matrix: Soil

%SOLIDS

92.0

Date Collected: 8/16/00

Date Received: 8/18/00

Date Analyzed: 8/30/00

Analyzed By: MRC

Dilution: 1

Num.	Compound	CAS#	Match Probability	Result (ug/KG)
1	No library search compounds detected.			
2				
3				
4				
5				
6				
7				
8				
9				
10				

Comment:

Tentatively Identified Compound (TIC) refers to substances which are not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist.

Quantitation is accomplished by relative peak height of the compound compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak height is equal to or greater than 10% of that of the nearest internal standard. Quantitation provided is an estimate.

Reviewed by: *JW*

BorgWarner
Inc.

200
South
Michigan
Avenue

Chicago
Illinois
60604

Telephone
312 322 8500

AH-00-1638

VIA UPS NEXT DAY AIR

December 20, 2000

Ms. Gretchen Zmitrovich
Mississippi Department of Environmental Quality
Office of Pollution Control
101 West Capitol Street
Jackson, Mississippi 39201

Anastasia Hamel
Director, Environmental Programs
BorgWarner Inc.
11955 East Nine Mile Road
Warren, Michigan 48089

Re: **Progress Report of Assessment and Remediation Activities
Kuhlman Electric Corporation and Residential Properties
Crystal Springs, Mississippi**

FILE COPY

Dear Ms. Zmitrovich:

This is a progress report to summarize the assessment and remediation activities related to PCB contamination at Crystal Springs, Mississippi. BorgWarner's last update was October 31, 2000. As you are aware, pursuant to the indemnity agreement between Kuhlman Electric Corporation (KEC) and BorgWarner Inc., BorgWarner has continued the assessment at the KEC plant and began the assessment of residential properties along a drainage channel downgradient of the plant. BorgWarner has also been actively remediating those properties adjacent to the KEC plant for which access was previously granted and sampling was complete.

BorgWarner, as it stated in its October 31, 2000 letter to the Mississippi Department of Environmental Quality (MDEQ), remains committed to working closely with MDEQ, USEPA, local government and KEC in a cooperative manner to accomplish the tasks necessary for the protection of human health and the environment, to the extent that the circumstances are covered by its contractual indemnity to KEC. BorgWarner will continue to seek MDEQ's guidance and direction in its current and future intended activities and to promptly share information.

ACTIONS TAKEN AND PLANNED

1. Delineation of Residential Properties along Jackson and Lee Avenues

BorgWarner promptly and voluntarily began sampling and delineation activities at the residential and commercial properties adjoining the KEC plant that appeared to or reportedly have been affected by runoff or by the removal of soil from the KEC plant prior to October 6, 1999.

Under MDEQ's supervision, BorgWarner conducted delineation activities of these properties during the month of August, 2000. A total of eighteen (18) properties were investigated, which were:

1. Perry Smith, 219 North Jackson Street
2. Stringer Funeral Home, 301 North Jackson Street
3. Stringer Rental Property, 303 North Jackson Street
4. Harold and Suzanne Warren, 403 North Jackson Street
5. Elnor Wright, 401 North Jackson Street
6. Sonny Reeves, 405 North Jackson Street
7. Brent Property, 403 Lee Avenue
8. Louie Lang/David Vinson, 407 North Jackson Street
9. Jerry Youngblood, 100 Lamar St.
10. Medical Clinic, Lee Avenue
11. Edwards Property, 406 Lee Avenue
12. Garment Shop, 414 Lee Avenue
13. Frazier Property, 405 Lee Avenue
14. Duplex Property, 408/410 Lee Avenue
15. Kellum Property, 412 Lee Avenue
16. Dabney/Smith Property, 215 North Jackson
17. Cooper Property, 409 North Jackson
18. Larry and Carol Wright, 305 North Jackson

BorgWarner acted under the continuous guidance and direction of the MDEQ with respect to delineation activities at the residential and commercial properties adjoining the KEC plant. Split samples were analyzed and QA/QC procedures were implemented by two laboratories experienced with polychlorinated biphenyl analysis. Samples were frequently split with on-site MDEQ representatives for MDEQ's independent analysis, which to our knowledge consistently correlated with BorgWarner's on-site and off-site laboratory analytical results.

The delineation activities were conducted utilizing the "US EPA, Region IV Environmental Investigations Standard Operating Procedures and Quality Assurance Manual," May 1996 (EISOPQAM), sampling and analytical protocols. A copy of the work plan with procedures used in the field and applicable sections of the EISOPQAM are attached to this report for reference purposes.

Upon completing the delineation activities, BorgWarner compiled and submitted the analytical results on October 2, 2000 to MDEQ and US EPA, Region IV. Subsequently, BorgWarner began to schedule the remediation of residential and commercial properties adjacent to the KEC plant and along Jackson and Lee Avenues for which access was granted with the assistance of MDEQ and City of Crystal Springs Mayor Webb and where an attorney and/or an independent consultant were not involved in performing conflicting sampling activities.

2. Remediation of Residential Properties

On October 16, 2000 BorgWarner initiated remediation activities at the **Medical Center** and the Dabney/Smith properties, which are adjacent to the KEC plant. Remediation of the Newman Duplex, on Lee Avenue, began on November 30, 2000. Remediation of these properties involved excavation and disposal of all soil containing 1.0 part per million (ppm) or greater of PCBs in accordance with MDEQ's established clean-up criteria for residential properties. All soils containing greater than 1 ppm PCBs but less than 50 ppm PCBs were profiled and disposed of at the BFI's "Little Dixie" Subtitle D Landfill in Madison County, Mississippi after MDEQ and US EPA, Region IV approvals were obtained.

Following excavation, all excavated areas were sampled to confirm that impacted soil had been removed. In correspondence regarding disposal requirements, Craig Brown of US EPA, Region IV, stated that the excavated soils did not meet the definition of "PCB remediation waste." Under this definition, the remediation activities fell under the management criteria and guidelines set by MDEQ. As a result, the remediation and confirmation of clean-up standards established by MDEQ guidance were adopted and implemented in all of BorgWarner's residential remediation activities. A grid with ten-foot (10) sampling point centers was used to confirm that impacted soils had been removed at each site.

The remediation of the Dabney/Smith, the Medical Center and the Newman duplex property resulted in the removal of 1400 tons of soil, which was disposed of at the BFI "Little Dixie" Subtitle D Landfill and replaced with 1500 tons of certified clean soil. During the remediation activities, the on-site laboratory analyzed 324 soil samples in the month of November and the fixed-base laboratory analyzed 32 quality control samples.

Vegetation, such as live oak trees, was treated with specialty equipment for maximum protection and to minimize damage to the root systems. Soil surrounding the live oak tree roots was removed using an "Air Shovel"™, a unique technology adopted specifically for this purpose. The Air Shovel™ uses a pressure spray to dislodge soil from around the roots while a vacuum system removes the soil and water by vacuuming into a tank. This method of soil removal has performed effectively with minimal damage to the tree's root system as was confirmed by the landscaping contractor and arborist. However, this process, regardless of its effectiveness, is very tedious and as a result only the tree on the Dabney/Smith property was completed during the second half of November. One other live oak tree, located on the Medical Center property, remains to be treated in a similar fashion and is scheduled for January 2001.

Landscaping and replacement of structures (sheds, car ports, etc.) on both the Medical Center and the Dabney/Smith properties are continuing and will most likely be completed by the end of December 2000. Both properties have been surveyed and the fence between the Dabney/Smith and Medical Center properties is currently being re-installed. Landscaping has been completed on the Newman duplex property.

Third party independent sampling activities commissioned by the Nutt & Associates Law Firm have interfered with planned remediation activities along Lee Avenue, specifically at the Frazier's, Edward's, and Kellum's properties. The Garment Shop is a more complicated matter for two reasons. First, the impacted soil at the Garment Shop is located at the property line between it and the Kellum residence and second, the Kellum elm tree roots extend to the Garment Shop property itself. BorgWarner has filed a Freedom of Information Act request to MDEQ in an effort to obtain a copy of the recently submitted report generated by these independent parties.

BorgWarner, after its evaluation of the sampling results and data contained within the third party report, will begin discussions with the attorney(s) representing each resident (mentioned above) along Lee Avenue in an attempt to resolve the matter, including confirmation that all sampling results have been disclosed, and whether further sampling is necessary, and confirm access to then remediate those properties. BorgWarner also plans to keep MDEQ apprised of any developments and any progress or if no progress is being made with the attorney(s) involved.

BorgWarner will schedule delineation activities for the Gas Station, which is at the corner of Lee Avenue next to the Garment Shop, Mayor Webb's residence and the drainage pathway to the south. BorgWarner will inform MDEQ of the timing for those activities.

3. Drainage Channel Properties

Beginning on October 30th through the end of November, BorgWarner collected and analyzed soil samples from nine properties situated along the drainage channel leading from the north side of KEC's plant site to Lake Chautauqua. The properties were:

1. Sojourner Property, 111 M^cPherson Street
2. Weathersby Property, 101 Forest Street
3. Robert Williams Property (Lonnie Williams' residence), 103 Forest Street
4. Flossie M^cMurray Property (Ralph Williams residence), 104 Forest Street
5. Ralph Williams Rental Property, 107 Forest Street
6. Richard Williams Property, 102 Forest Street
7. Roberta Fitzgerald Estate Property, (R.P Edwards point of contact) 108 Tucker Street
Property currently is being rented to the Kendrick family.
8. Welch Property, 501 Camp Street
9. Orister Harris Property, 311 West Railroad Avenue

A total of 650 soil samples was collected from these properties and analyzed by the on-site laboratory. The fixed-base laboratory analyzed an additional 65 samples for confirmation and quality control purposes. These preliminary assessment activities were conducted in the same manner as the Kuhlman plant preliminary site assessment and the KEC plant adjacent residential properties; and utilizing the "EPA, Region IV Environmental Investigations Standard Operating

Procedures and Quality Assurance Manual", May 1996 (EISOPQAM), **sampling and analytical protocols.**

Preliminary results available at this time indicate that six of the nine **properties** that were sampled will require certain remediation. Four properties, including the **Sojourner, Williams' rental, Harris and Welch properties**, will require remediation under the MDEQ guidelines since the highest concentrations detected are less than 50 ppm. Two properties, including the **M^cMurray and R. P. Edwards properties**, have soil with PCB concentrations **greater than 50 ppm** and therefore will require remediation under the TSCA rules. The following is a list of properties where concentrations greater than 1.0 ppm PCB were detected as well as the highest detected concentration on each property:

<u>Property</u>	<u>Highest Detected Concentration</u>
Sojourner	2.6 ppm
Williams rental	30.0 ppm
Harris	1.2 ppm
Welch	8.4 ppm
M ^c Murray	70.0 ppm
R. P. Edwards	51.0 ppm

Data from this sampling event are being evaluated and once quality control measures are completed the data will be tabulated. Site-specific reports containing collected data, maps of sampling locations, and work plans for remediation, if required, for each individual site are also being prepared and will be submitted to MDEQ and US EPA, Region IV by January 12, 2001.

It is anticipated that additional sampling will be required along the drainage channel. Several undeveloped properties, either abutting the drainage channel or through which the drainage channel runs, will be sampled to delineate the extent of possibly impacted soil and determine the potential for future runoff to Lake Chautauqua. The Department will be kept apprised as to the timing for this additional investigation and sampling activity.

4. KEC Plant

After an initial phase of sampling in the areas identified by KEC's construction activities and the related equipment decontamination zone, BorgWarner conducted further, substantial sampling activities in the south and north parking lot areas as well as the former above ground storage tank area. These delineation activities, other than any possible data gaps, have been completed. The results are currently being tabulated and compared for correlation purposes between the on-site and off-site laboratories, prior to being issued to MDEQ. Should any data gaps exist, BorgWarner will conduct further sampling activities.

This additional data will be incorporated as an addendum to the *Preliminary Site Assessment Report*, submitted to MDEQ in July 2000. Comments to the *Preliminary Site Assessment Report* made by MDEQ will also be addressed and included in the addendum submittal. It is anticipated that the addendum report will be submitted to MDEQ by February 12, 2001.

5. Lake Chautauqua

BorgWarner intends to consider delineation of the sediments at Lake Chautauqua, ecological assessment, and surface water sampling, to the extent appropriate after receipt of the pending "Task Force" report. These activities will not begin on any great scale until the Task Force report is evaluated.

6. Groundwater Delineation

BorgWarner intends to delineate the nature and extent of any groundwater contamination relative to the KEC plant. Groundwater delineation will take place at the time that remediation at the KEC plant commences. It is critical that the protective cover at the KEC plant site is not disturbed for the time being and that the groundwater investigation is addressed when BorgWarner is actively remediating on the KEC plant property. This approach will ensure that sediments from the KEC Plant do not travel to the drainage channel and Lake Chautauqua.

BorgWarner remains dedicated to continuing its open communication with MDEQ and US EPA, Region IV and looks forward to the meeting with MDEQ and City of Crystal Springs Mayor Webb and other Crystal Springs representatives on January 17, 2001 (at 8:30 a.m.) to further discuss any of the above and share its plans for future activities.

Should you have any questions or comments, please contact me directly at (810) 497-4503 at your earliest convenience.

Very truly yours,



Anastasia Hamel
Director, Environmental Programs
BorgWarner Inc.

Attachments:

1. Work Plan – Preliminary Assessment and Remediation
2. Craig Brown, US EPA, Region IV letter to BFI

cc: J. Banks, MDEQ
T. Russell, MDEQ
K. Dowell, Esq., MDEQ
C. Brown, US EPA Region IV
H. Webb, Mayor Crystal Springs
Laurene H. Horiszny, Esq.
Robert Martin, MSGA
Thomas D. Lupo, Esq.
Scott E. Schang, Esq.
Mickey Crockett, KEC
Al Thomas, KEC

**WORKPLAN FOR THE PRELIMINARY
ASSESSMENT AND REMEDIATION OF PCB CONTAMINATION IN SOIL
KUHLMAN ELECTRIC CORPORATION FACILITY
AND RESIDENTIAL COMMERCIAL PROPERTIES
IN CRYSTAL SPRINGS, MISSISSIPPI**

As established by the Mississippi Department of Environmental Quality (MDEQ) guidelines in connection with this project, all work related to the preliminary assessment of the extent of contamination at the Kuhlman Electric Corporation (KEC) facility and work related to the preliminary assessment and confirmation of remedial actions at KEC adjacent residential/commercial properties and residential properties along the drainage channel (leading from the north side of KEC's facility to Lake Chautauqua) has been performed in accordance with the *Environmental Protection Agency (EPA), Region IV "Environmental Investigations, Standard Operating Procedures and Quality Assurance Manual", May 1996 (EISOPQAM)*.

Copies of relevant and applicable portions of the EISOPQAM are maintained on site during all field activities and all field personnel are trained in its implementation. Remedial action confirmation sampling grids were established using *MDEQ Guidance Document, Verification of Soil Remediation, Environmental Response Division, Waste Management Division, April 1994, Revision 1*. Specifically, sampling grids were based on Part 2-Medium and Large Site Soil Cleanup Verification, "Establishing Grid Interval."

Field operations were performed under the site-specific Health and Safety Plan guidelines. Modified Level "D" Personal Protective Equipment (PPE) was utilized by all personnel working within the investigative area.

Sampling Objectives

The soil-sampling objective is to establish the vertical and horizontal extent of contamination resulting from historical facility operations. In the KEC facility case, the soil-sampling objective included historical use of polychlorinated biphenyl (PCB). All sampling procedures were conducted in accordance with the US EPA, Region IV EISOPQAM. Sampling procedures included the collection of soil samples on a twenty foot triangular grid, where possible, at discreet depth intervals. Surface and subsurface soil samples were collected using GeoProbe® MacroProbe™ direct push sampling equipment. The GeoProbe® system uses a hydraulically driven hammer to advance a hollow, split-barrel sampler to the desired depth. The sampler contains an acetate liner in which a sample of the cored soil is retained. The MacroProbe™ corer retains a 1.25-inch diameter continuous 4 feet in length core sample. Once sampling is completed, the direct-push boring holes are backfilled with bentonite chips in unpaved areas, and with grout in parking lots and other paved areas.

Throughout the delineation activities each direct-push boring was sampled at 0.5-3.0 feet below ground surface (bgs) and at 3.0-6.0 feet bgs. Selected borings were completed to depths varying from 8-12 feet bgs and sampled in these deeper intervals to evaluate the vertical distribution of contaminants.

Additional sampling of dust, stream and drainage ditch sediments, surface water and ground water were collected, as warranted, in accordance with applicable EISOPQAM guidelines.

Analytical Methods

Samples that were collected were analyzed for PCBs by the on-site mobile laboratory, Environmental Chemistry Consulting Services (ECCS) of Madison, Wisconsin. Initially soil samples were also analyzed for chlorinated benzenes until data confirmed that chlorinated benzene contamination is not at issue in samples with low concentrations of PCBs (generally <20 ppm). At least 10% of all samples were split and sent to a fixed-base laboratory, Paradigm Analytical Laboratories, Inc. (PAL) of Wilmington, North Carolina for analysis of the same parameters as for the on-site mobile laboratory to corroborate the results of laboratory analyses for quality control and quality assurance measures. Both the on-site and fixed-base laboratories used the same standard EPA approved analytical methods. PCBs were analyzed by Modified Environmental Protection Agency (EPA) Method 8080/81 and chlorinated benzene compounds were analyzed by EPA Method 8270. Volatile organic compounds (VOCs) were analyzed by EPA Method 8260 for samples suspected of being impacted by other industrial processes solvents unrelated to PCBs. Select soil samples were also analyzed for silver, by EPA Method 6010B, and cyanide, by EPA Method 9012A.

Surface water samples were analyzed by PAL for PCBs using EPA Method 8080/81. Semivolatile organic compounds (SVOCs) were analyzed by EPA Method 8270, Volatile Organic Compounds (VOCs) were analyzed by EPA Method 8260, silver by EPA Method 6010B, and cyanide using Standard Method 4500 Cn-E. Perched ground water was analyzed for PCBs, SVOCs, and VOCs by the same methods as indicated above for surface water.

Quality Control

The following is the list of key personnel dedicated to this project:

Project Manager:

Mr. Robert Martin, Martin & Slagle GeoEnvironmental
Associates, LLC

Duties: Responsible for management of project **including** all field coordination efforts.

Field Sample Custodian:

Mr. Robert Martin, Christine Slagle, Martin & Slagle
GeoEnvironmental Associates, LLC

Duties: Maintaining custody of samples, completing sample labels, Chain-of-Custody record.

Field Team Leader:

Mr. Robert Martin, Martin & Slagle GeoEnvironmental
Associates, LLC

Duties: Responsible for all activities related to the collection of samples.

Samplers:

Tim Fitzpatrick, Christine Slagle, Robert Martin

Duties: Individuals responsible for the actual collection of samples.

Laboratory Sample

Custodian:

Mr. Michael Linskens, ECCS
Mr. Nicolas Schertz, ECCS
Ms. Erin Staagard, PAL

Duties: Individuals responsible for accepting custody of samples from the field sample custodian.

Quality Assurance Objectives for Data

Data for this project is being generated by two separate entities. The on-site data is generated by ECCS in their mobile laboratory. The fixed-base laboratory, PAL in Wilmington, North Carolina, generates the analytical results for the split samples.

The data quality objectives are pre-defined for the ECCS data in that Mississippi considers all mobile lab data screening level data. ECCS uses the same equipment and methodology as the fixed-base laboratories with the exception of the mini-extraction modification. Mobile laboratory data is validated by comparison of a minimum of 10% split samples with PAL. Following this procedure, the data qualifies as screening data with definitive confirmation under US EPA, Region IV EISOPQAM guidelines.

All samples sent to PAL were collected as follows: The sample was transferred from the GeoProbe® clean, unused, acetate sample liner into the labeled 4 ounce (oz) amber glass soil jar. The sample jar was then transferred to the mobile lab where ECCS personnel homogenized the sample prior to taking an aliquot for analysis. Due to the limited sample volume required by the ECCS mini-extraction and the low volatility of the chemicals of concern, the initial sampling jar was resealed (after ECCS personnel removed the amount of sample needed for their analysis), refrigerated and then sent to PAL; meaning PAL analyzed the sample from the exact same sample jar as ECCS.

Equipment rinsate samples were collected for evaluation of cross-contamination potential from ineffective decontamination procedures. These were prepared by pouring distilled water over the sampling equipment after decontamination and collecting and preserving the rinsate that was generated. Equipment rinseate samples were collected in accordance with the EPA, Region IV EISOPQAM guidelines.

Field blank samples were collected by filling sampling containers that were kept in the transition zone with distilled water. Field blanks determine the presence of ambient contaminants that may not be directly related to concentrations of contaminants in the sample media.

Blind duplicate soil samples were collected for analysis and sent to both laboratories. Blind duplicates were collected by homogenizing an aliquot of sample in a disposable plastic container and splitting the homogenized sample into two containers. After ECCS took their aliquot of these samples, the remainder of the sample was sent to PAL for analysis.

SAMPLE CONTROL AND FIELD RECORDS

Sample Identification

All samples sent to PAL for analysis conform to the labeling requirements under section 3.2.1 of the EISOPQAM.

8.3.1 Chain of Custody Procedures

Samples were logged as they were collected from the geoprobe liners. Date, time and sample lithology were recorded on each log. Samples were then transferred to 4 oz amber glass jars and the jars transferred to a small sample cooler, which was taken to the mobile lab by field personnel in charge of sample handling. Sample identification (ID), date and time sampling occurred were recorded in the field logbook before transferring the samples to the mobile lab. Upon arrival at the mobile lab, the samples were transferred to the ECCS sample custodian who logged each sample on ECCS chain of custody forms. Each sample was assigned a unique ECCS internal ID number for tracking purposes. After analysis, the samples were transferred to either a sample refrigerator in the mobile lab or stored in coolers with ice until they were either shipped to PAL for confirmation analysis or readied for disposal. For samples sent to PAL, a new chain of custody form was completed by field personnel in charge of sample handling.

8.3.2 Field Records

Field records were kept in accordance with procedures and guidelines specified in section 3.5 of EISOPQAM.

8.4 Analytical Procedures

For analysis of samples in the field, ECCS used EPA Method 8082m, modified for quantitation of chlorinated benzenes and the mini extraction procedure.

PAL used EPA Method 8082 for quantitation of PCBs. For chlorinated benzenes, it used EPA Method 8270. While Method 8270 does not cover all the chlorinated benzenes, it provides confirmation of the ones it does detect and has the added benefit of supplying an analysis of a broad range of other semivolatile organic compounds.

For the analysis of cyanide EPA Method 9012A was employed and for silver EPA Method 6010B.

Selected samples were analyzed by EPA Method 8260, primarily to confirm that volatile organic compounds were not present in the samples or part of the site contaminants.

8.5 Laboratory Quality Assurance/Quality Control (QA/QC)

QA/QC procedures for both labs were found to be virtually identical. Summaries of each laboratory procedures follow.

ECCS:

- ◆ Continuous calibration standards analyzed every ten samples or less and at the end of a run.
- ◆ Blank samples and laboratory control samples (LCS) analyzed every twenty samples or less with a minimum of one per day.
- ◆ Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples analyzed every twenty samples or less with a minimum of one per day.

PAL:

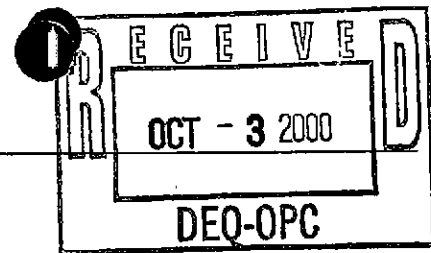
- ◆ Continuous calibration standards analyzed at least once every 12 hour **shift plus a minimum** of every 20 samples gas chromatography/mass spectroscopy (GC/MS) **criteria** follows method specific tuning requirements per EPA Method 8270.
- ◆ Blank and LCS samples analyzed every 20 samples or less with a **minimum of one per day**.
- ◆ MS/MSD samples analyzed every 20 samples or less with a **minimum of one per day**.

8.6 Data Validation and Reporting

As discussed in section 8.2, the primary validation of the ECCS data was **accomplished** through comparison with the data from PAL.

Since Hexachlorobenzene and 1,2,4-Trichlorobenzene are the only chlorinated **benzenes** on the standard Method 8270 list, these two compounds and total PCBs were the **parameters tracked** for the data validation procedure.

Overall, the correlation to this point of the investigation and remediation activities has been excellent with the majority of sample splits showing Relative Percent Differences (RPDs) of less than 100. Considering the inherent variability of soil as a matrix, achieving 93% acceptable split data spanning several orders of magnitude of concentration serves to justify the use of the on-site data as definitive quality.



October 2, 2000

FILE COPY

Ms. Gretchen Zmitrovich
Office of Pollution Control
Mississippi Department of
Environmental Quality
P.O. Box 10385
Jackson, Mississippi 39289-0385

SUBJECT: Transmittal of Analytical Data for Residences
Kuhlman Electric Corporation
Crystal Springs, Mississippi

Dear Ms. Zmitrovich:

Attached are site plans and spreadsheets showing sampling locations and analytical results from sampling of soils by Ogden Environmental and Energy Services. The soil samples were collected from residential properties surrounding Kuhlman Electric Corporation. Samples were collected from various depths ranging from ground surface to 4 feet below grade and analyzed by an on-site laboratory. Split samples were sent to Paradigm Analytical Laboratories for confirmation of on-site lab results.

The following properties have concentrations of PCB 1260 in excess of 1 mg/kg.

1. Medical Clinic on Lee Avenue
2. Edwards Property at 406 Lee Avenue
3. Garment Shop at 414 Lee Avenue
4. Frazier Property on Lee Avenue
5. Duplex Property at 408/410 Lee Avenue
6. Kellum Property at 412 Lee Avenue
7. Dabney/Smith Property on N. Jackson and Lee Avenue

8. Cooper Property on N. Jackson and Fulgham Avenue
9. Larry and Carol Wright on N. Jackson Avenue

Please contact me at 828-669-3929 if you have any questions or comments concerning these results.

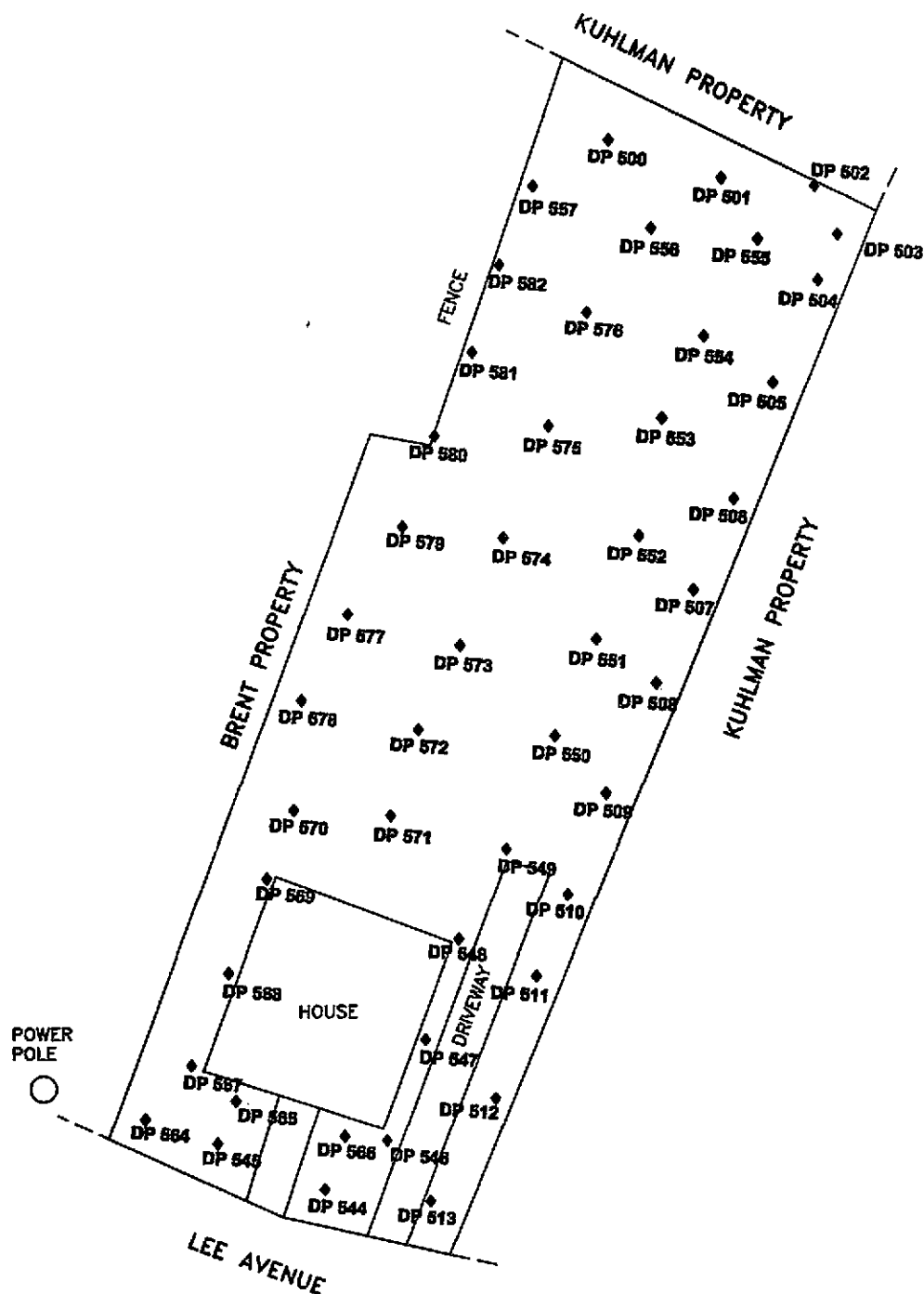
Sincerely,

Martin and Slagle GeoEnvironmental Associates, LLC



Robert L. Martin, P.G.
Project Manager

Cc: Anastasia Hamel, Borg Warner Inc.



LEGEND

- ◆ SAMPLE POINT
- DP 592 SAMPLE POINT NUMBER

- 1) ALL DISTANCES ARE ESTIMATED
- 2) THIS MAP WAS PREPARED FROM RECORD MAPS
- 3) THIS MAP HAS BEEN PREPARED FOR PRESENTATION PURPOSES ONLY

SAMPLE LOCATIONS FOR FRAZIER PROPERTY 405 LEE AVENUE

SCALE: AS SHOWN

DR MDI CHK TF REV BPS

PREPARED BY:

OGDEN

ENVIRONMENTAL AND ENGINEERING SERVICES

200 SOUTH OLD STATEVILLE ROAD • HUNTERSVILLE, NC 28078 • 704-875-3570

PROJ: 073350000 DATE: 09/24/00 SHEET 1 OF 1

Soil and Wipe Sample Results
Frazier Property
405 Lee Avenue
Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)		DP-500	DP-500	DP-500	DP-501	DP-501	DP-501	DP-502	DP-502
Target Analyte	Sample #	0.5	2.5	4	0.5	2.5	4	0.5	2.5
	Depth	443	444	445	446	447	448	449	450
	Lab #								
PCB as 1260		0.35	<0.10	NA	0.34	<0.10	NA	0.17	<0.10
	Collection Date	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00
	Collection Time	9:45	9:46	9:47	9:56	9:57	9:55	10:04	10:05
	Injection Date	8/25/00	8/25/00	NA	8/25/00	8/25/00	NA	8/25/00	8/25/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

WIPE SAMPLES (TOTAL UG)		FW-1	FW-2	FW-3	FW-4	FW-5
Target Analyte	Sample #	747	748	749	750	751
	Depth					
	Lab #					
PCB as 1260		<0.50	<0.50	<0.50	<0.50	<0.50
	Collection Date	8/30/00	8/30/00	8/30/00	8/30/00	8/30/00
	Collection Time	13:58	14:00	14:02	14:05	14:07
	Injection Date	8/31/00	8/31/00	8/31/00	8/31/00	8/31/00

Notes:

LOCATION:

FW1: Top of weber grill.

FW2: Under and around door handle on door from deck to kitchen, east side of home.

FW3: Wood railing, east side of stairs leading to deck on east side of home, second step from the bottom.

FW4: Under and around door handle from back door, north side.

FW5: Crawlspace door, north side.

FW6: Under and around doorhandle, eastern door.

Soil and Wipe Sample Results
Frazier Property
405 Lee Avenue
Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)											
Target Analyte	Sample #	DP-502	DP-503	DP-503	DP-503	DP-503	DP-503	DP-504	DP-504	DP-504	DP-505
	Depth	4	0.5	2.5	4	4	4	0.5	2.5	4	0.5
	Lab #	451	452	453	454	454	454	455	456	457	458
PCB as 1260		NA	0.43	<0.10	NA	NA	0.39	<0.10	NA	NA	0.41
	Collection Date	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00
	Collection Time	10:06	10:23	10:24	10:25	10:25	10:26	10:27	10:28	10:28	10:40
	Injection Date	NA	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

SOIL SAMPLES (MG/KG)											
Target Analyte	Sample #	DP-505	DP-505	DP-505	DP-506	DP-506	DP-506	DP-506	DP-507	DP-507	DP-507
	Depth	2.5	4	0.5	2.5	2.5	4	0.5	2.5	2.5	4
	Lab #	459	460	461	462	462	463	464	465	465	466
PCB as 1260		<0.10	NA	0.36	<0.10	NA	NA	0.42	<0.10	NA	NA
	Collection Date	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00
	Collection Time	10:41	10:42	10:50	10:51	10:51	10:52	10:55	10:56	10:56	10:57
	Injection Date	8/25/00	NA	8/25/00	8/25/00	8/25/00	NA	8/25/00	8/25/00	8/25/00	NA

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

Soil and Wipe Sample Results
Frazier Property
405 Lee Avenue
Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)									
Target Analyte	Sample #	DP-508	DP-508	DP-508	DP-509	DP-509	DP-509	DP-510	DP-510
	Depth	0.5	2.5	4	0.5	2.5	4	0.5	2.5
	Lab #	467	468	469	470	471	472	473	474
PCB as 1260		0.55	<0.10	NA	0.62	<0.10	NA	0.54	<0.10
	Collection Date	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00
	Collection Time	11:22	11:24	11:25	11:28	11:29	11:30	11:32	11:33
	Injection Date	8/25/00	8/25/00	NA	8/25/00	8/25/00	NA	8/25/00	8/25/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

SOIL SAMPLES (MG/KG)									
Target Analyte	Sample #	DP-510	DP-511	DP-511	DP-511	DP-512	DP-512	DP-512	DP-513
	Depth	4	0.5	2.5	4	0.5	2.5	4	0.5
	Lab #	475	476	477	478	479	480	481	482
PCB as 1260		NA	0.71	<0.10	NA	3.7	<0.10	NA	3.6
	Collection Date	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00	8/25/00
	Collection Time	11:34	11:36	11:37	11:38	11:50	11:51	11:52	11:58
	Injection Date	NA	8/25/00	8/26/00	NA	8/25/00	8/25/00	NA	8/25/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

Soil and Wipe Sample Results
Frazier Property
405 Lee Avenue
Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)									
Target Analyte	Sample #	DP-513	DP-544	DP-544	DP-544	DP-544	DP-544	DP-545	DP-545
	Depth	2.5	4	0.5	2.5	4	0.5	2.5	4
	Lab #	483	484	573	574	581	576	577	584
PCB as 1260		<0.10	NA	0.32	<0.10	NA	1.1	<0.10	NA
	Collection Date	8/25/00	8/25/00	8/26/00	8/26/00	8/26/00	8/26/00	8/26/00	8/26/00
	Collection Time	11:58	12:00	12:22	12:23	12:34	12:28	12:29	12:38
	Injection Date	8/25/00	NA	8/27/00	8/27/00	NA	8/27/00	8/27/00	NA

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

SOIL SAMPLES (MG/KG)									
Target Analyte	Sample #	DP-546	DP-546	DP-546	DP-547	DP-547	DP-546	DP-548	DP-548
	Depth	0.5	2.5	4	0.5	2.5	4	0.5	2.5
	Lab #	579	580	581	582	583	584	585	586
PCB as 1260		* 0.78 J	<0.10	NA	* 0.64 J	<0.10	NA	0.65	<0.10
	Collection Date	8/26/00	8/26/00	8/26/00	8/26/00	8/26/00	8/26/00	8/26/00	8/26/00
	Collection Time	12:32	12:33	12:34	12:36	12:37	12:34	14:28	14:30
	Injection Date	8/27/00	8/27/00	NA	8/27/00	8/27/00	NA	8/27/00	8/27/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

Soil and Wipe Sample Results
Frazier Property
405 Lee Avenue
Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)									
Target Analyte	Sample #	DP-549	DP-549	DP-550	DP-550	DP-550	DP-551	DP-551	DP-552
	Depth	0.5	2.5	0.5	0.5	2.5	2.5	0.5	2.5
	Lab #	587	588	589	589	590	592	593	594
PCB as 1260		0.24	<0.10	0.28		<0.10	<0.10	0.47	<0.10
	Collection Date	8/26/00	8/26/00	8/26/00		8/26/00	8/26/00	8/26/00	8/26/00
	Collection Time	14:34	14:35	14:37		14:38	14:39	15:02	15:03
	Injection Date	8/27/00	8/26/00	8/26/00		8/26/00	8/26/00	8/26/00	8/26/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

SOIL SAMPLES (MG/KG)									
Target Analyte	Sample #	DP-553	DP-553	DP-554	DP-554	DP-554	DP-555	DP-555	DP-556
	Depth	0.5	2.5	0.5	0.5	2.5	0.5	2.5	2.5
	Lab #	595	596	597	597	598	599	600	602
PCB as 1260		0.16	<0.10	0.14		<0.10	0.36	<0.10	<0.10
	Collection Date	8/26/00	8/26/00	8/26/00		8/26/00	8/26/00	8/26/00	8/26/00
	Collection Time	15:05	15:06	15:08		15:10	15:14	15:15	15:40
	Injection Date	8/26/00	8/26/00	8/26/00		8/27/00	8/27/00	8/27/00	8/27/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

Soil and Wipe Sample Results
Frazier Property
405 Lee Avenue
Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)		DP-557	DP-557	DP-564	DP-564	DP-565	DP-565	DP-566	DP-566
Target Analyte	Sample #	0.5	2.5	0.5	2.5	0.5	2.5	0.5	2.5
	Depth	603	604	624	625	626	627	628	629
PCB as 1260		0.11	<0.10	1.1	<0.10	* <0.10 J	<0.10	* 1.1 J	<0.10
	Collection Date	8/26/00	8/26/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00
	Collection Time	15:44	15:45	12:40	12:42	12:44	12:45	12:49	12:50
	Injection Date	8/27/00	8/27/00	8/28/00	8/28/00	8/28/00	8/29/00	8/28/00	8/28/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

SOIL SAMPLES (MG/KG)		DP-567	DP-567	DP-568	DP-568	DP-569	DP-569	DP-570	DP-570
Target Analyte	Sample #	0.5	2.5	0.5	2.5	0.5	2.5	0.5	2.5
	Depth	630	631	632	633	634	635	636	637
PCB as 1260		* 0.50 J	<0.10	0.25	<0.10	0.16	<0.10	0.37	<0.10
	Collection Date	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00
	Collection Time	12:52	12:53	12:57	12:58	13:01	13:02	14:10	14:11
	Injection Date	8/28/00	8/28/00	8/28/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

Soil and Wipe Sample Results
Frazier Property
405 Lee Avenue
Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)									
Target Analyte	DP-571	DP-571	DP-571	DP-572	DP-572	DP-573	DP-573	DP-574	DP-574
	0.5	2.5	2.5	0.5	2.5	0.5	2.5	0.5	2.5
	638	639	639	640	641	642	643	644	645
PCB as 1260	0.26	<0.10	<0.10	* 0.48 J	<0.10	<0.10	<0.10	0.34	<0.10
Collection Date	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00
Collection Time	14:13	14:14	14:14	14:16	14:17	14:20	14:21	14:45	14:46
Injection Date	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

SOIL SAMPLES (MG/KG)									
Target Analyte	DP-575	DP-575	DP-575	DP-576	DP-576	DP-577	DP-577	DP-578	DP-578
	0.5	2.5	2.5	0.5	2.5	0.5	2.5	0.5	2.5
	646	647	647	648	649	650	651	670	671
PCB as 1260	0.35	<0.10	<0.10	0.23	<0.10	0.12	<0.10	0.12	<0.10
Collection Date	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/28/00	8/29/00	8/29/00
Collection Time	14:48	14:49	14:49	14:52	14:53	15:00	15:01	10:02	10:03
Injection Date	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/30/00

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

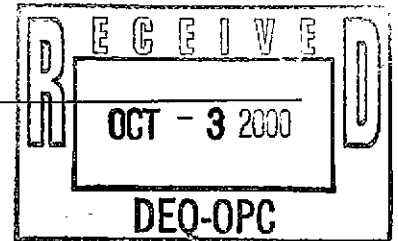
Soil and Wipe Sample Results
 Frazier Property
 405 Lee Avenue
 Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)										
Target Analyte	Sample #	579	DP-579	580	DP-580	581	DP-581	592	DP-592	
	Depth	0.5	2.5	0.5	2.5	0.5	2.5	0.5	2.5	
	Lab #	672	673	674	675	676	677	678	679	
PCB as 1260		*0.38 J	<0.10	0.43	<0.10	0.26	<0.10	<0.10	<0.10	
	Collection Date	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	8/29/00	
	Collection Time	10:05	10:04	10:10	10:11	10:13	10:14	10:20	10:21	
	Injection Date	8/30/00	8/30/00	8/30/00	8/30/00	8/30/00	8/30/00	8/30/00	8/30/00	

Notes:

NA Indicates Sample Not Analyzed

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.



October 2, 2000

Ms. Gretchen Zmitrovich
Office of Pollution Control
Mississippi Department of
Environmental Quality
P.O. Box 10385
Jackson, Mississippi 39289-0385

FILE COPY

**SUBJECT: Transmittal of Analytical Data for Residences
Kuhlman Electric Corporation
Crystal Springs, Mississippi**

Dear Ms. Zmitrovich:

Attached are site plans and spreadsheets showing sampling locations and analytical results from sampling of soils by Ogden Environmental and Energy Services. The soil samples were collected from residential properties surrounding Kuhlman Electric Corporation. Samples were collected from various depths ranging from ground surface to 4 feet below grade and analyzed by an on-site laboratory. Split samples were sent to Paradigm Analytical Laboratories for confirmation of on-site lab results.

The following properties have concentrations of PCB 1260 less than 1 mg/kg.

1. Perry Smith Property at 219 North Jackson Street
2. Stringer Funeral Home at 301 North Jackson Street
3. Stringer Rental Property at 303 North Jackson Street
4. Harold and Suzanne Warren Property at 403 North Jackson Street
5. Elnor Wright Property at 401 North Jackson Street
6. Sonny Reeves Property at 405 North Jackson Street

October 2, 2000

Page 2

7. Brent Property at 403 Lee Avenue
8. Louie Lang / David Vinson at 407 North Jackson
9. Jerry Youngblood at 100 Lamar Street

Please contact me at 828-669-3929 if you have any questions or comments concerning these results.

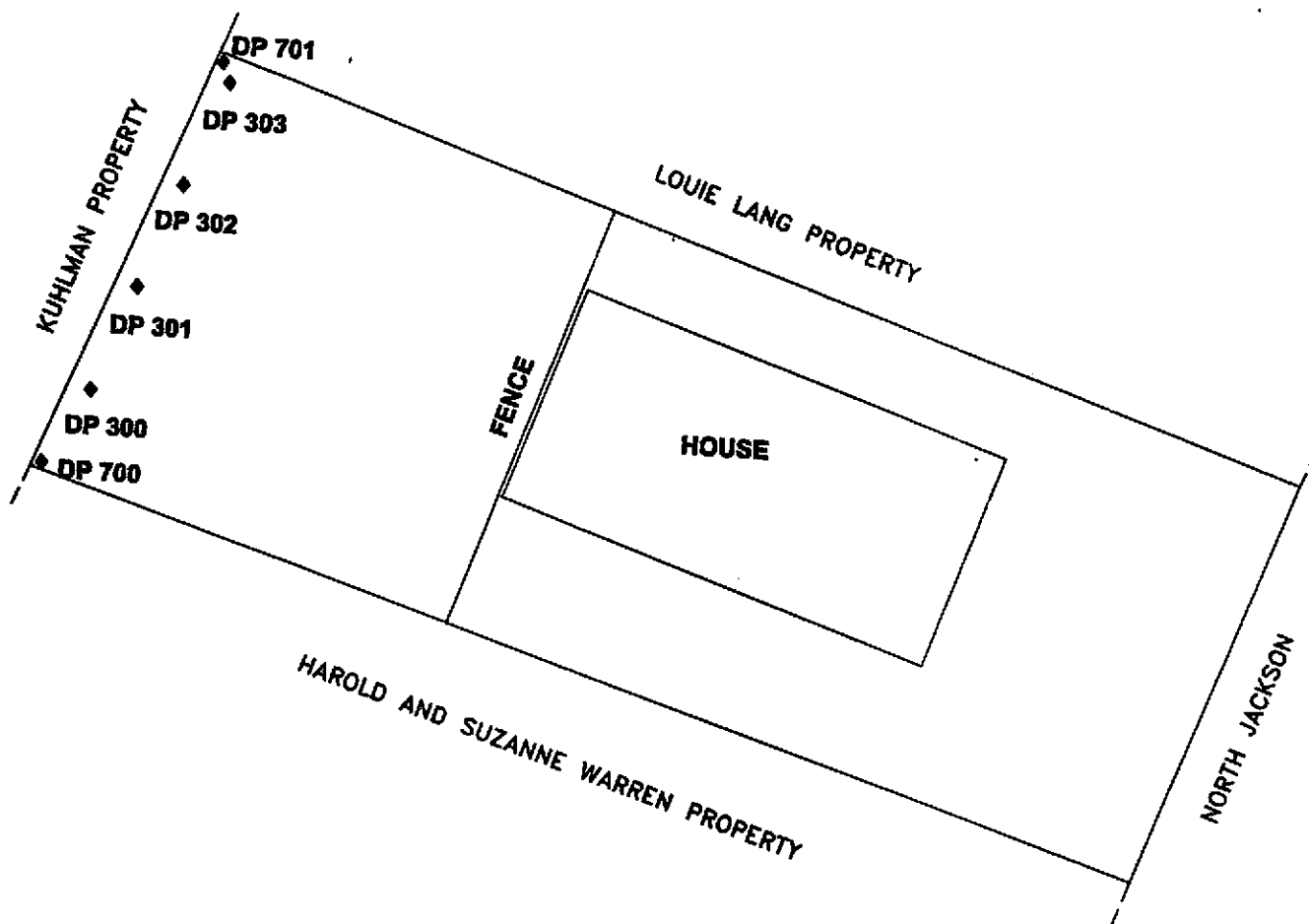
Sincerely,

Martin and Slagle GeoEnvironmental Associates, LLC



Robert L. Martin, P.G.
Project Manager

Cc: Anastasia Hamel, BorgWarner Inc.



LEGEND

- ◆ SAMPLE POINT
DP 302 SAMPLE POINT NUMBER



SAMPLE LOCATIONS FOR
SONNY REEVES PROPERTY
405 NORTH JACKSON

SCALE: AS SHOWN

DR MDI CHK TF REV BPS

PREPARED BY:

OGDEN

ENVIRONMENTAL AND ENGINEERING SERVICES

200 SOUTH OLD STATEVILLE ROAD • HUNTERVILLE, NC 28078 • 704-875-3570

PROJ: 073350000 DATE: 09/24/00 SHEET 1 OF 1

- 1) ALL DISTANCES ARE ESTIMATED
- 2) THIS MAP WAS PREPARED FROM RECORD MAPS
- 3) THIS MAP HAS BEEN PREPARED FOR PRESENTATION PURPOSES ONLY

Soil and Wipe Sample Results
 Sonny Reeves Property
 405 North Jackson
 Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)											
Target Analyte	Sample #	DP-300	DP-300	DP-301	DP-301	DP-302	DP-302	DP-303	DP-303	DP-700	DP-701
PCB as 1260	Depth										
	Lab #	0.5	4	0.5	4	0.5	4	0.5	4	0.1	0.1
		4	5	6	7	8	9	10	11	1140	1141
		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.70 *J	0.72 *J
	Collection Date	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	9/19/00	9/19/00
	Collection Time	9:04	9:10	9:12	9:15	9:18	9:22	9:25	9:30	16:40	16:42
	Injection Date	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	9/20/00	9/20/00

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

WIPE SAMPLES (TOTAL UG)				
Target Analyte	Sample #	SRW-1	SRW-2	SRW-4
PCB as 1260	Depth			
	Lab #	723	724	726
		<0.50	<0.50	<0.50
	Collection Date	8/30/00	8/30/00	8/30/00
	Collection Time	8:24	8:26	8:30
	Injection Date	8/30/00	8/30/00	8/30/00

LOCATIONS:
 SRW1: Left handrail of back stairs, 3rd step from bottom.
 SRW2: Rear storm door, left of handle.
 SRW3: Right sliding glass door in rear, left of handle.
 SRW4: Left (northernmost) crawlspace door, next to latch.

October 5, 2000

Ms. Gretchen Zmitrovich
Office of Pollution Control
Mississippi Department of
Environmental Quality
Office of Pollution Control
P.O. Box 10385
Jackson, Mississippi 39289-0385



**SUBJECT: Transmittal of Revised Analytical Data Tables for Residences
Kuhlman Electric Corporation
Crystal Springs, Mississippi**

Dear Ms. Zmitrovich:

Attached is one complete set of revised spreadsheets showing analytical results from sampling of soils by Ogden Environmental and Energy Services. The tables were revised based on your review and comments. Results for split samples are being prepared into tables and will be forwarded to you by Monday at the latest.

Please contact me at 828-669-3929 if you have any questions or comments concerning these results.

Sincerely,

Martin and Slagle GeoEnvironmental Associates, LLC

A handwritten signature in cursive script that reads "Robert L. Martin".

Robert L. Martin, P.G.
Project Manager

Cc: Anastasia Hamel, BorgWarner Inc.

Soil and Wipe Sample Results
 Sonny Reeves Property
 405 North Jackson
 Crystal Springs, Mississippi

SOIL SAMPLES (MG/KG)											
Target Analyte	Sample #	DP-300	DP-300	DP-301	DP-301	DP-302	DP-302	DP-303	DP-303	DP-700	DP-701
	Depth (ft)										
	Lab #										
		0.5	4	0.5	4	0.5	4	0.5	4	0.1	0.1
		4	5	6	7	8	9	10	11	1140	1141
PCB as 1260		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.70 *J	0.72 *J
	Collection Date	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	9/19/00	9/19/00
	Collection Time	9:04	9:10	9:12	9:15	9:18	9:22	9:25	9:30	16:40	16:42
	Injection Date	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	8/16/00	9/20/00	9/20/00

* J Estimated level, due to interference from the presence of Technical Chlordane, DDT, DDD, & DDE.

WIPE SAMPLES (TOTAL UG)				
Target Analyte	Sample #	SRW-1	SRW-2	SRW-4
	Depth			
	Lab #			
		723	724	725
PCB as 1260		<0.50	<0.50	<0.50
	Collection Date	8/30/00	8/30/00	8/30/00
	Collection Time	8:24	8:26	8:27
	Injection Date	8/30/00	8/30/00	8/30/00

LOCATIONS:
 SRW1: Left handrail of back stairs, 3rd step from bottom.
 SRW2: Rear storm door, left of handle.
 SRW3: Right sliding glass door in rear, left of handle.
 SRW4: Left (northernmost) crawlspace door, next to latch.

FILE COPY

19 pages w/cover

TO:
Gretchen Zmitrovich
MDEQ

From:
Tim Fitzpatrick
Ogden Environmental

Gretchen: Following are my field mps - I hope
you can read them! Data will follow shortly.

Please call after you receive this fax.

Thanks,

Tim



Job Name: Crystal Springs-

Job Number:

Title: Sony Reeves backyard 405 Jackson

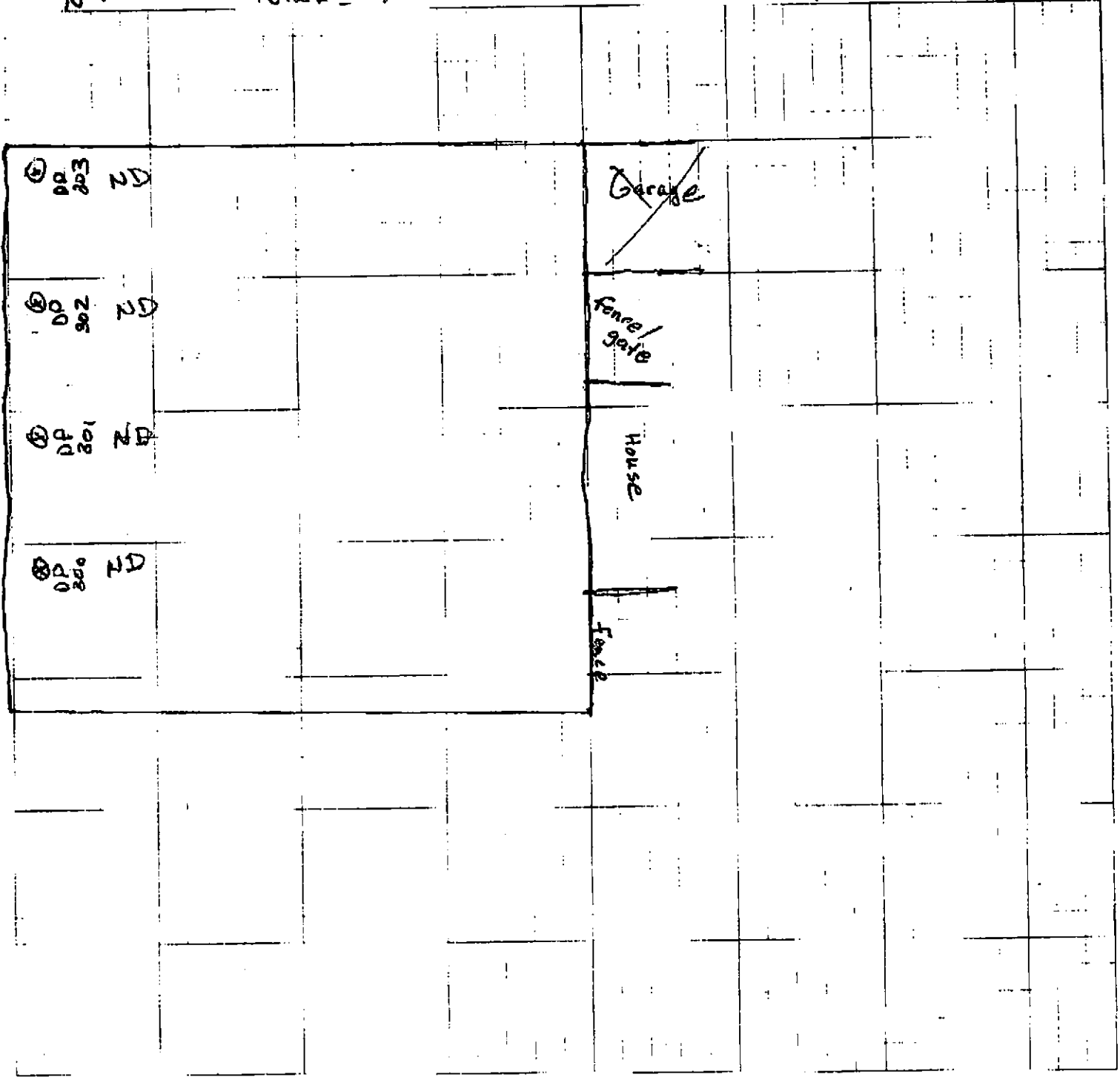
Computed by:

Checked by:

Date: 2/16/2000

Sheet: 1 Of: 11

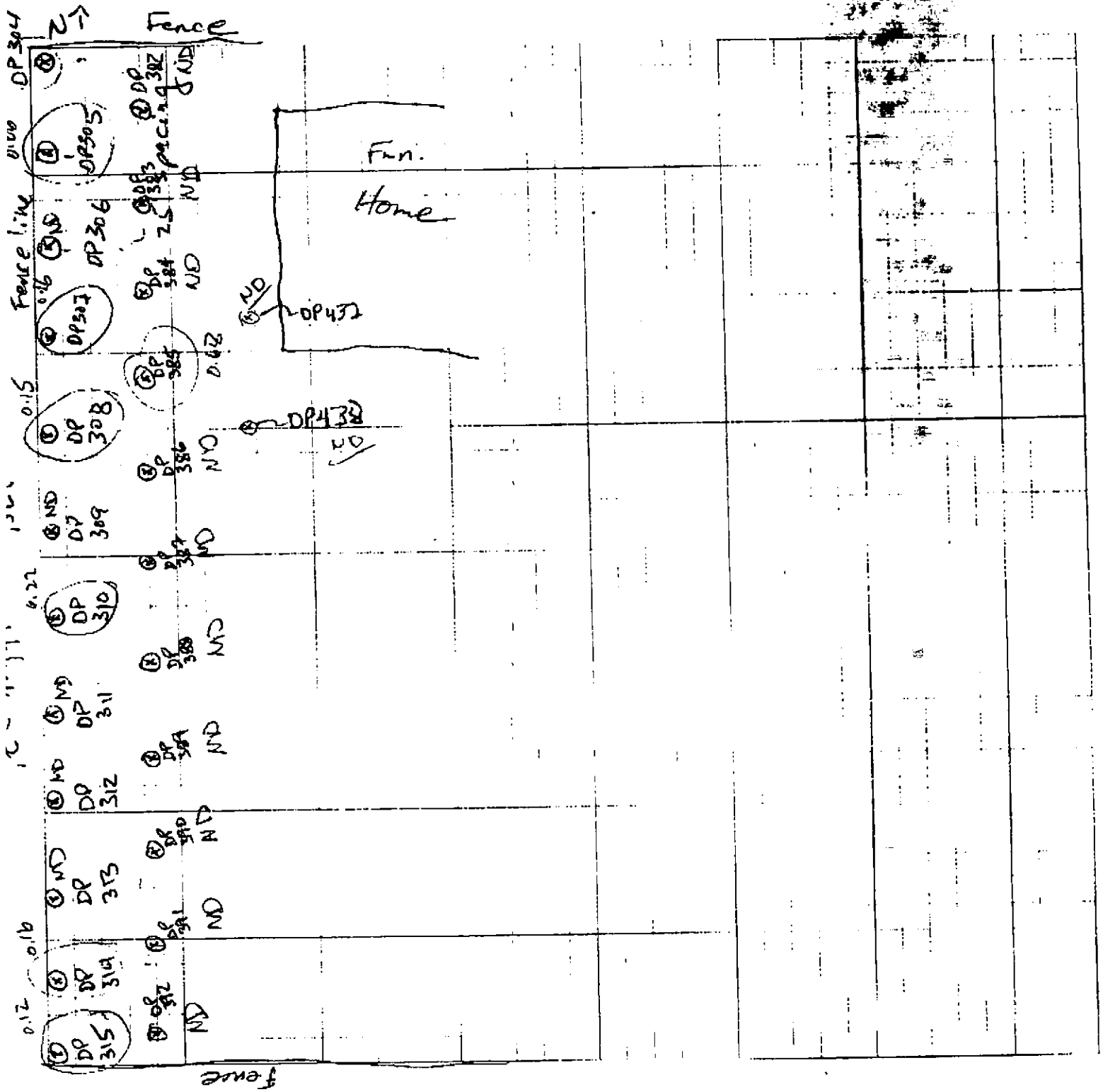
N ↑ 1 block = 4'



OGDEN
■■■■■

280
200
7

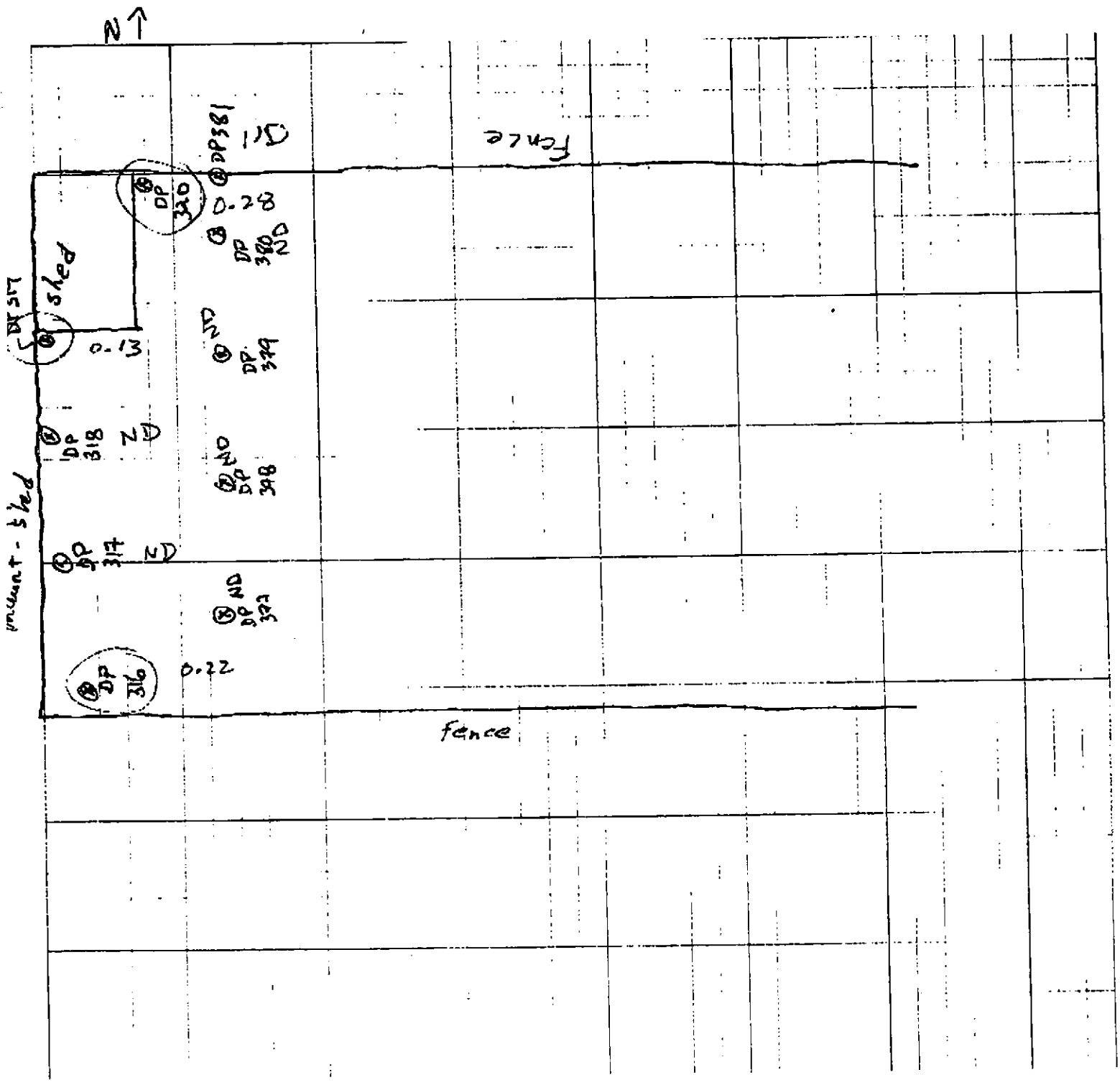
Job Name: Crystal Springs
Job Number:
Title: Stringer Funeral Home
Computed by: Checked by:
Date: 8-16-2000 Sheet: 12 of 11





Job Name: Crystal Springs
Job Number:
Title: 401 N. Jackson Elnor Wright
Computed by: _____ Checked by: _____
Date: 8-16-2000 Sheet: 3 Of: 11

1 block = 4'



OGDEN
■■■■■

Job Name:

Crystal Springs

Job Number:

Title:

407 N. Jackson House Lang

Computed by:

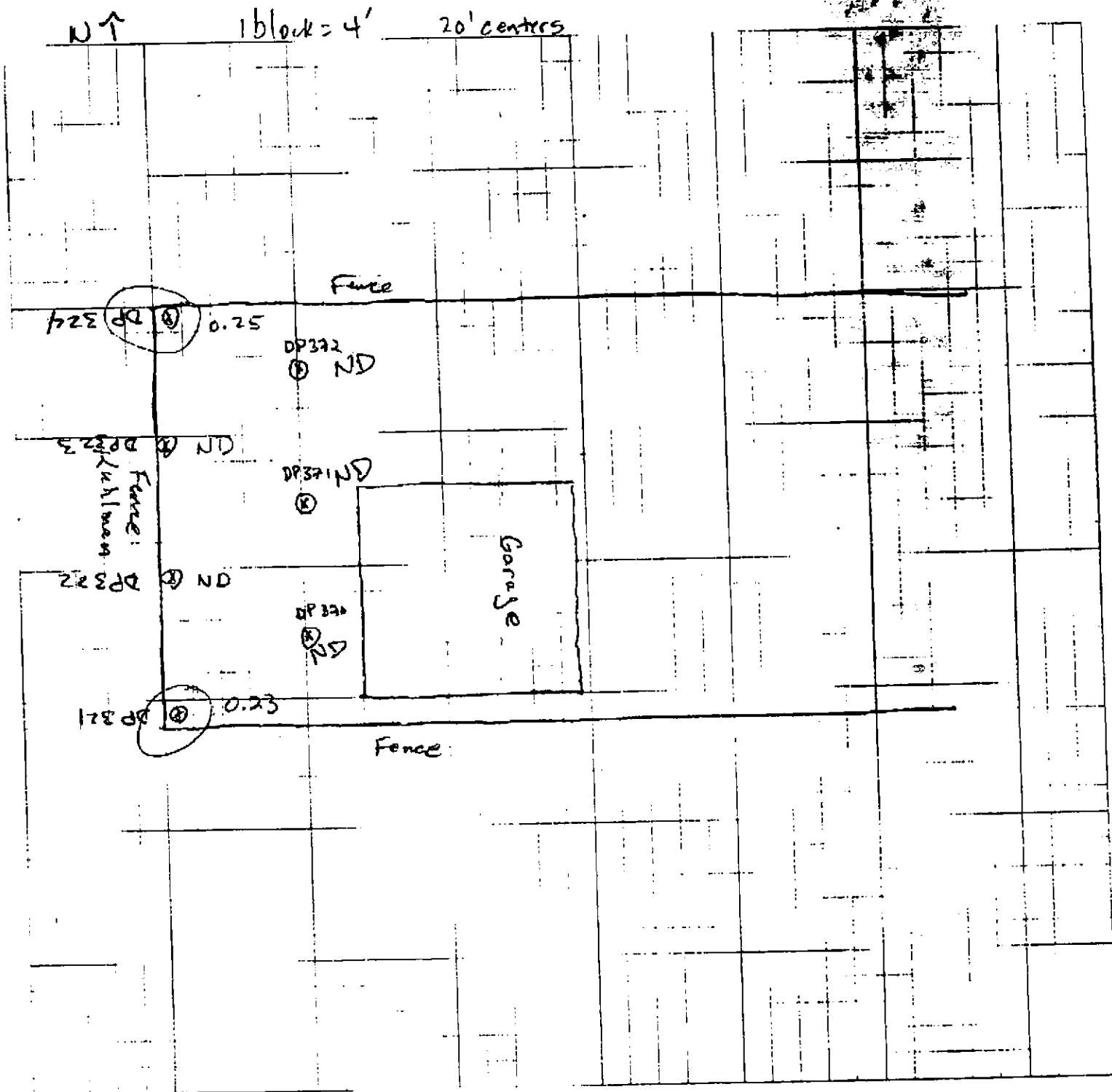
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Date:

8-16-00

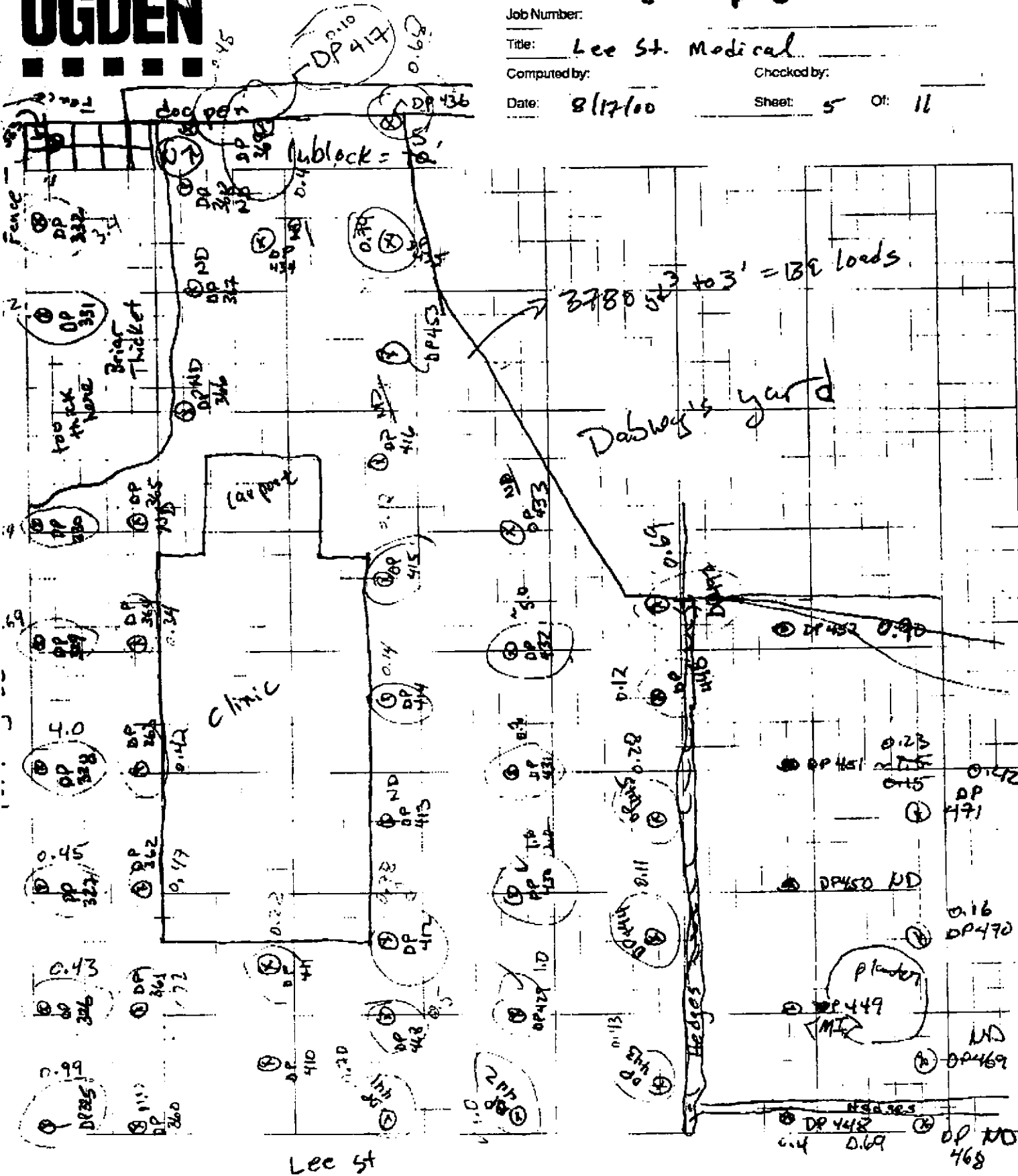
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4 of 11

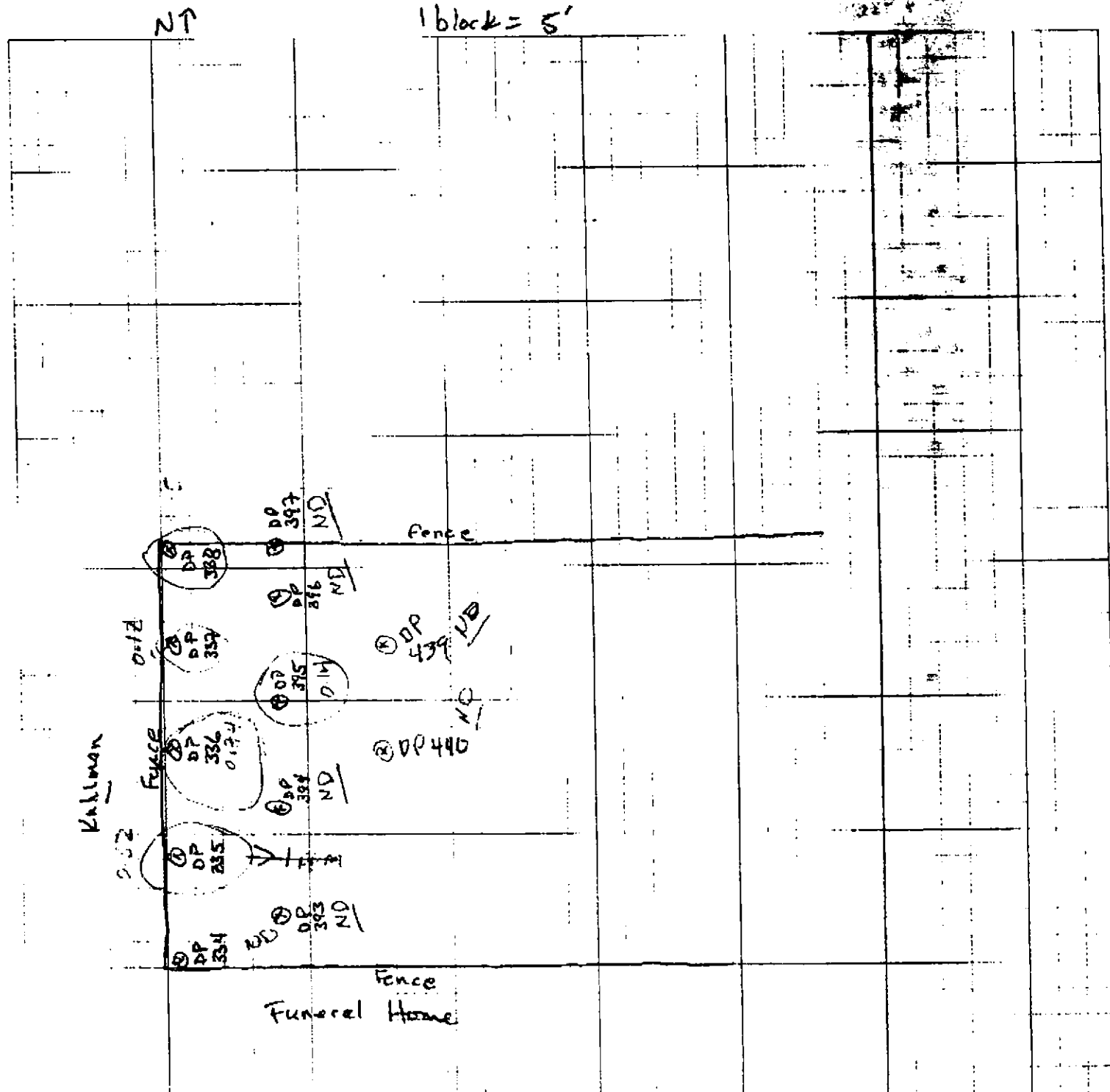


OGDEN

Job Name: Crystal Springs
Job Number: _____
Title: Lee St. Medical
Computed by: _____ Checked by: _____
Date: 8/17/00 Sheet: 5 Of: 11



Sheet



OGDEN
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Job Name: Crystal Springs

Job Number: _____

Title: 219 N. Jackson - Perry Smith

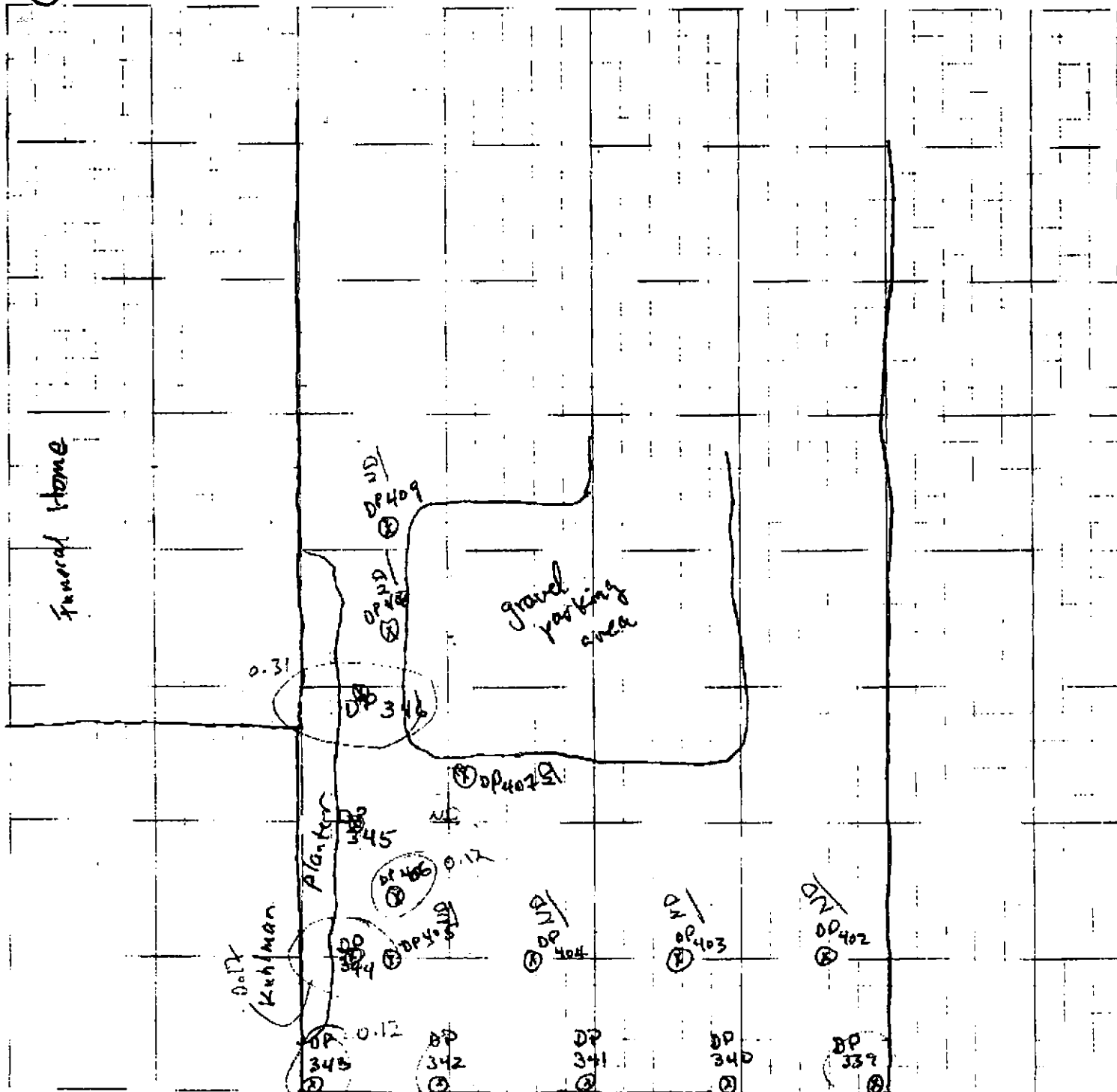
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Checked by: _____

Date: 8-17-00

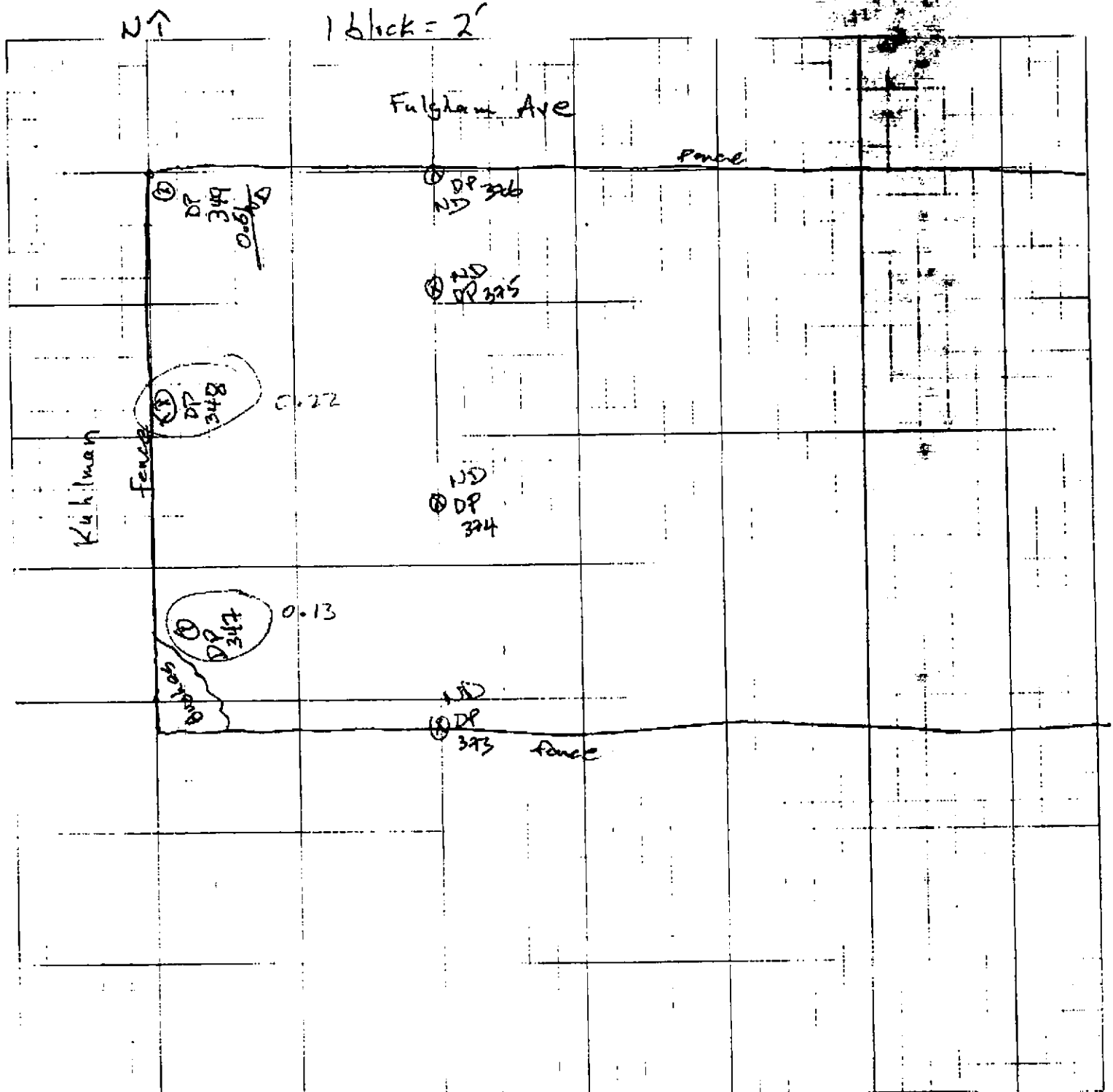
Sheet: 7 Of: 11

1 block = 5'



OGDEN
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Job Name: Crystal Springs
Job Number:
Title: 409 N. Jackson (Amir Cooper)
Computed by: RF
Date: 8-17-00
Checked by:
Sheet: 8 of 11



OGDEN
■■■■■

Job Name: Crystal Springs

Job Number:

Title: Dabney Home

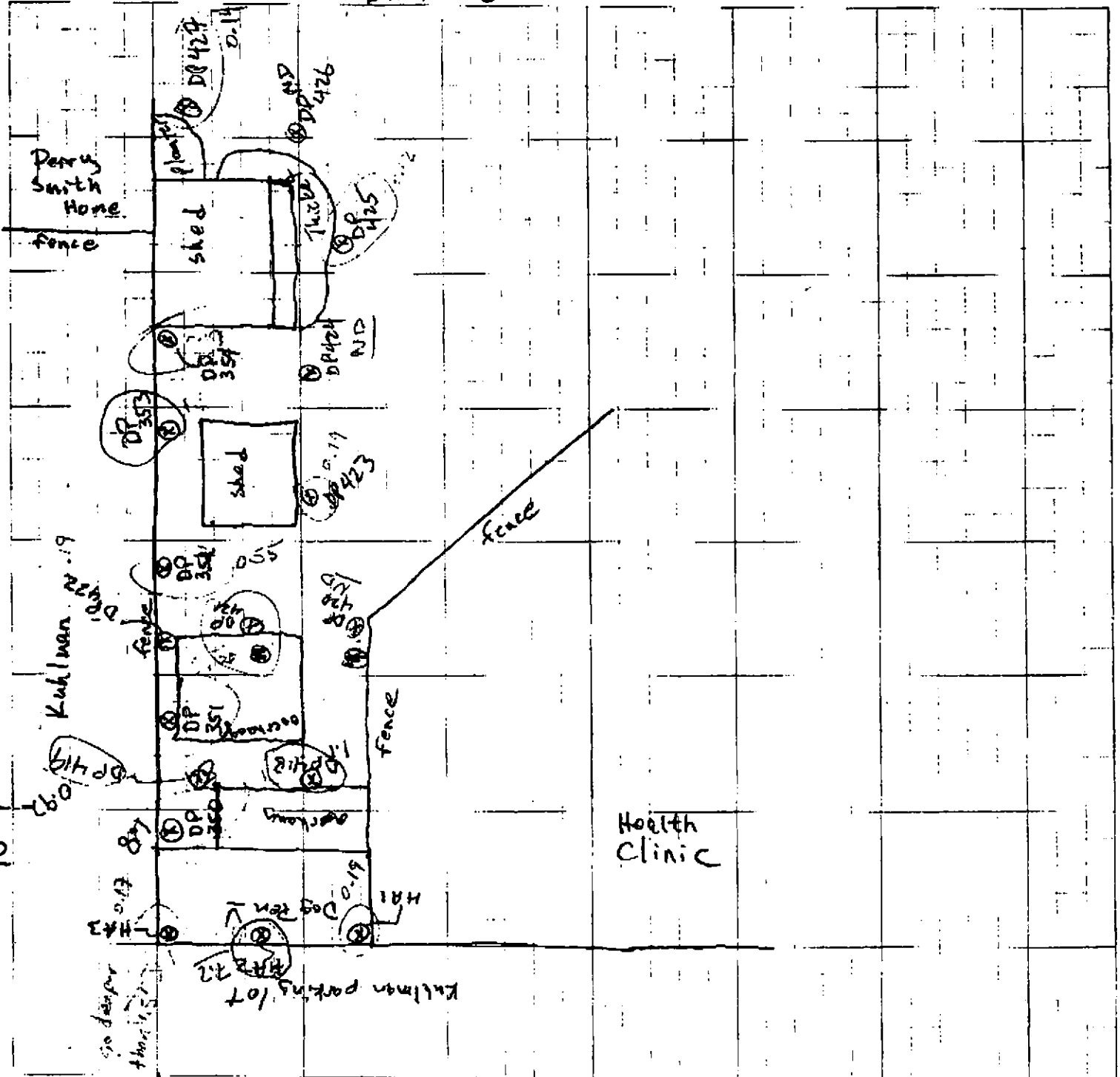
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Checked by:

Date: 8-17-00

Sheet: 9 Of: 11

1 block = 5'



OGDEN
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Job Name:

Crystal Springs

Job Number:

Title:

Wright House

Computed by:

Checked by:

Date:

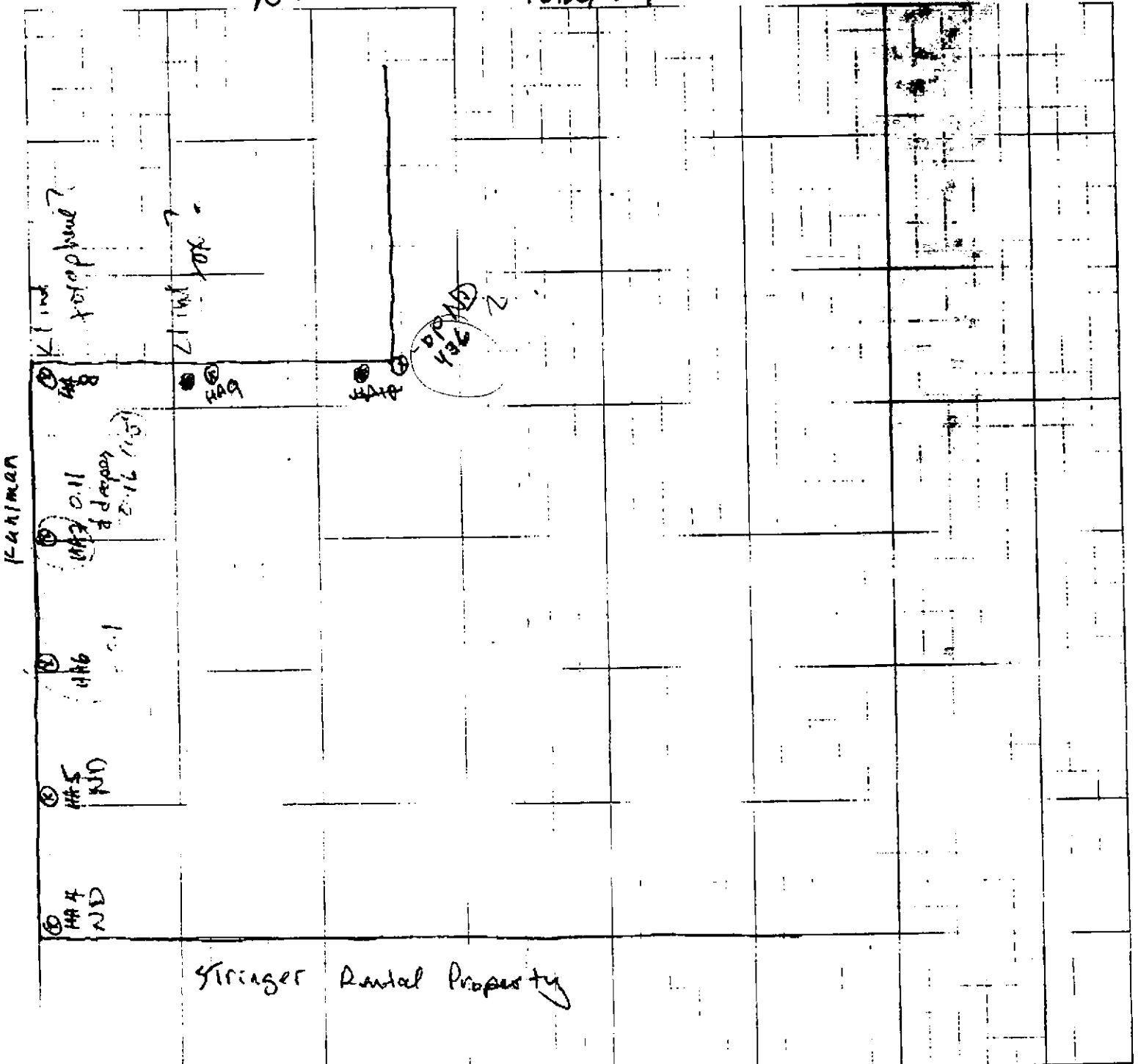
8-18-00

Shade:

10 x 11

NT

1 block = 4'





OGDEN
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Job Name:

Crystal Springs

Job Number:

Title:

Harold & Suzanne Warren

Computed by:

TBF

Checked by:

Date:

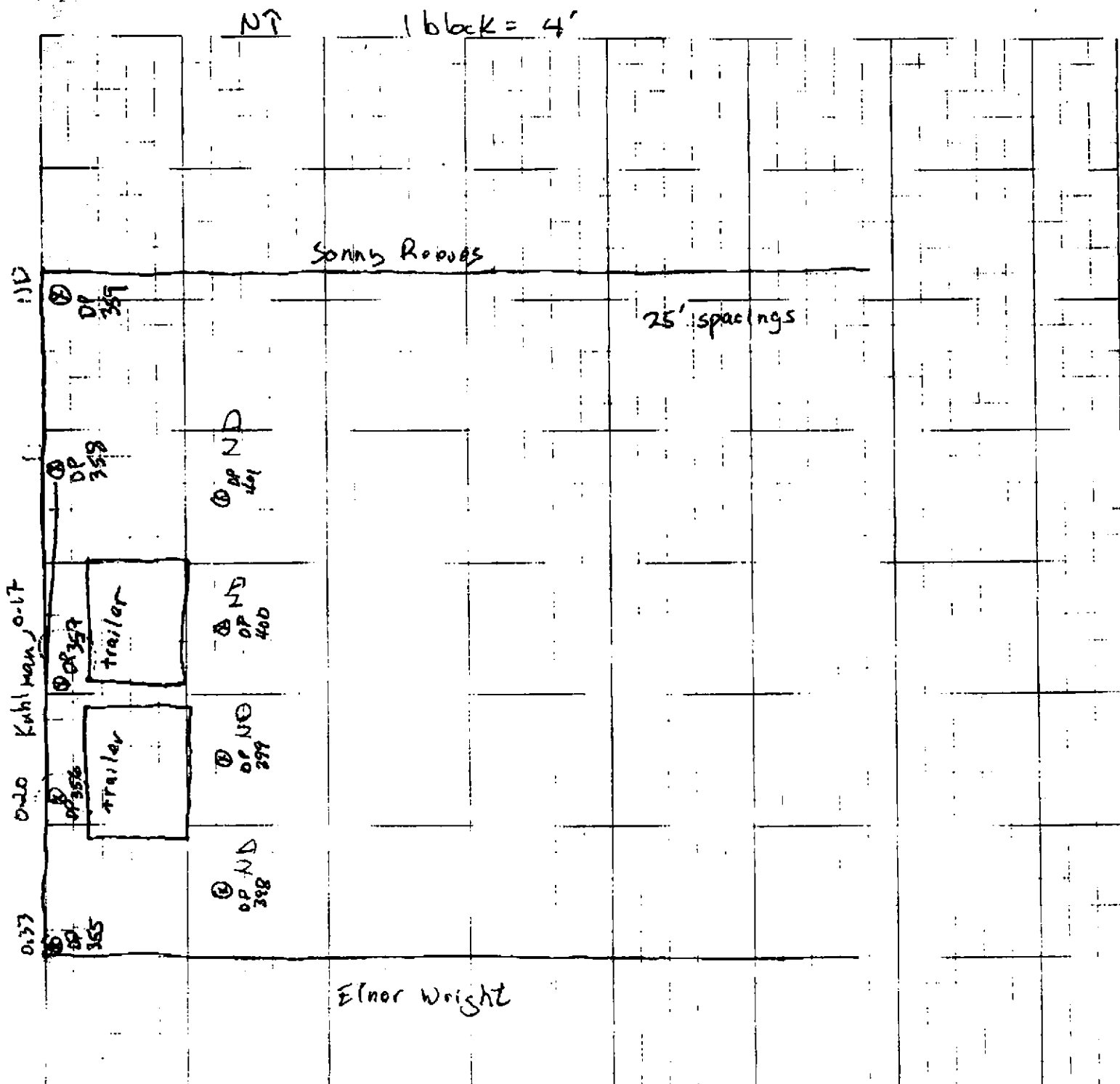
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Sheet:

11

Of:

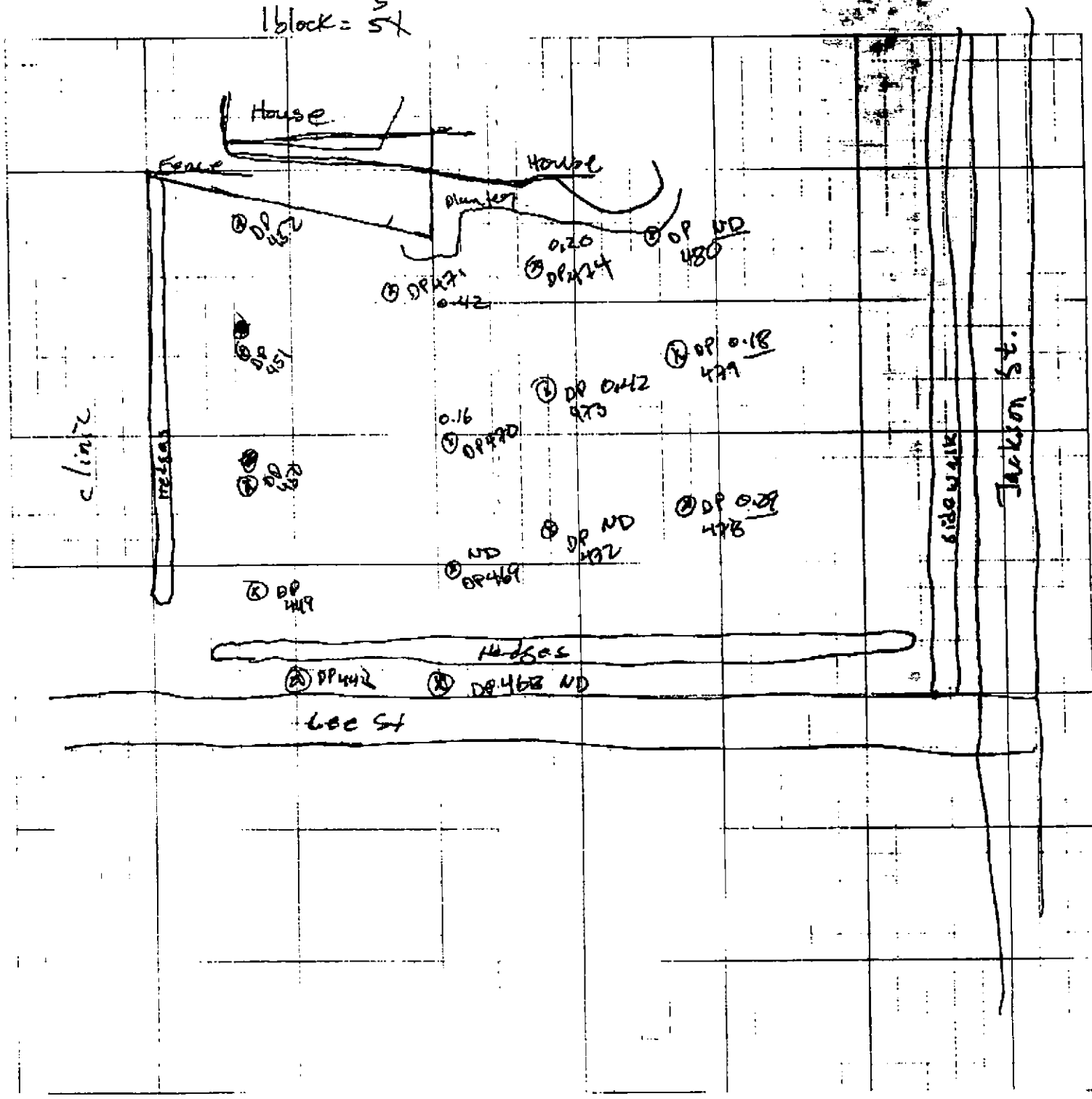
12





Job Name:
Job Number:
Title: Dabney yard - south side
Computed by:
Date: 8/23/00

1 block = 5'



OGDEN
■■■■■

Job Name:

Job Number:

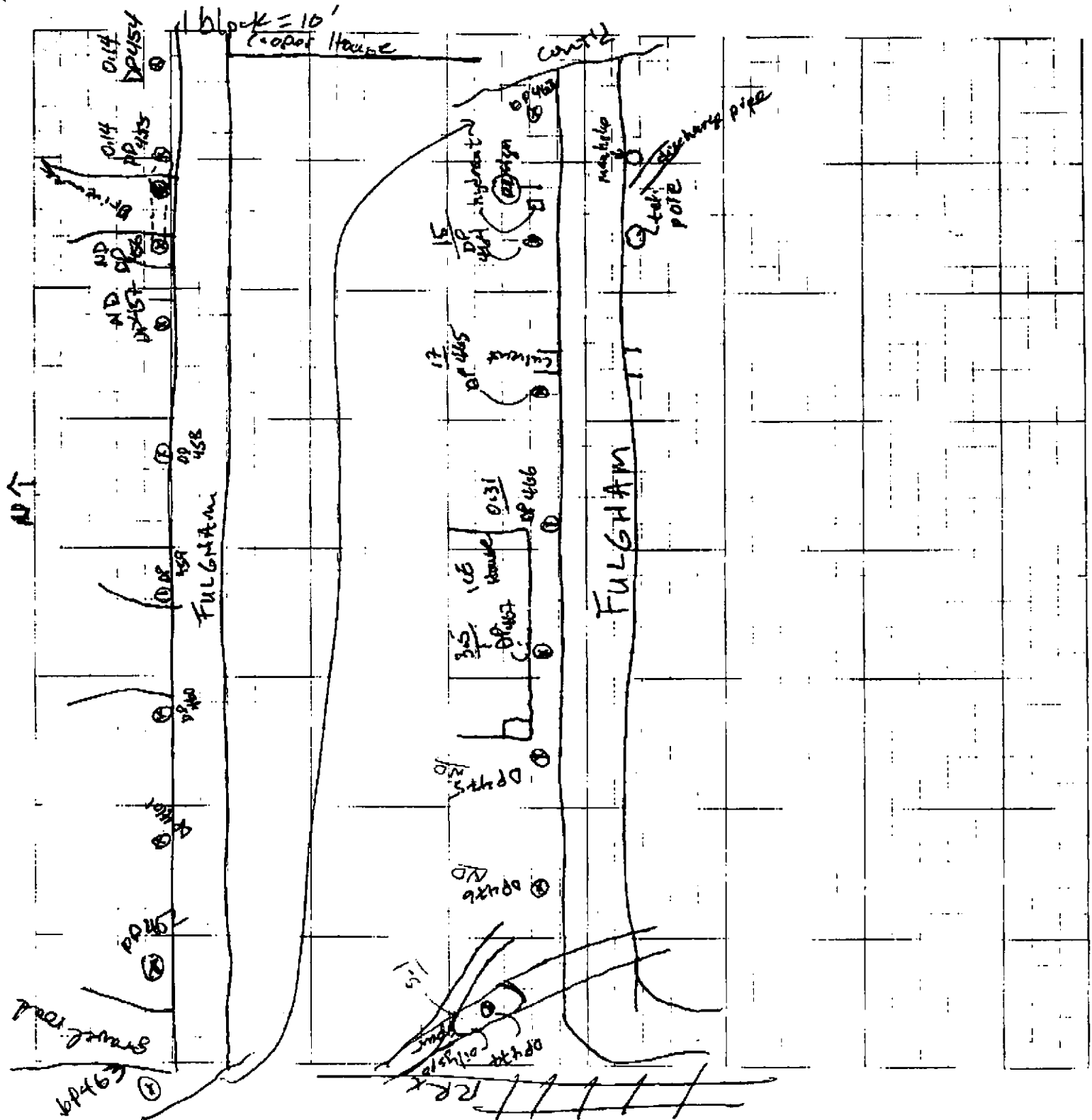
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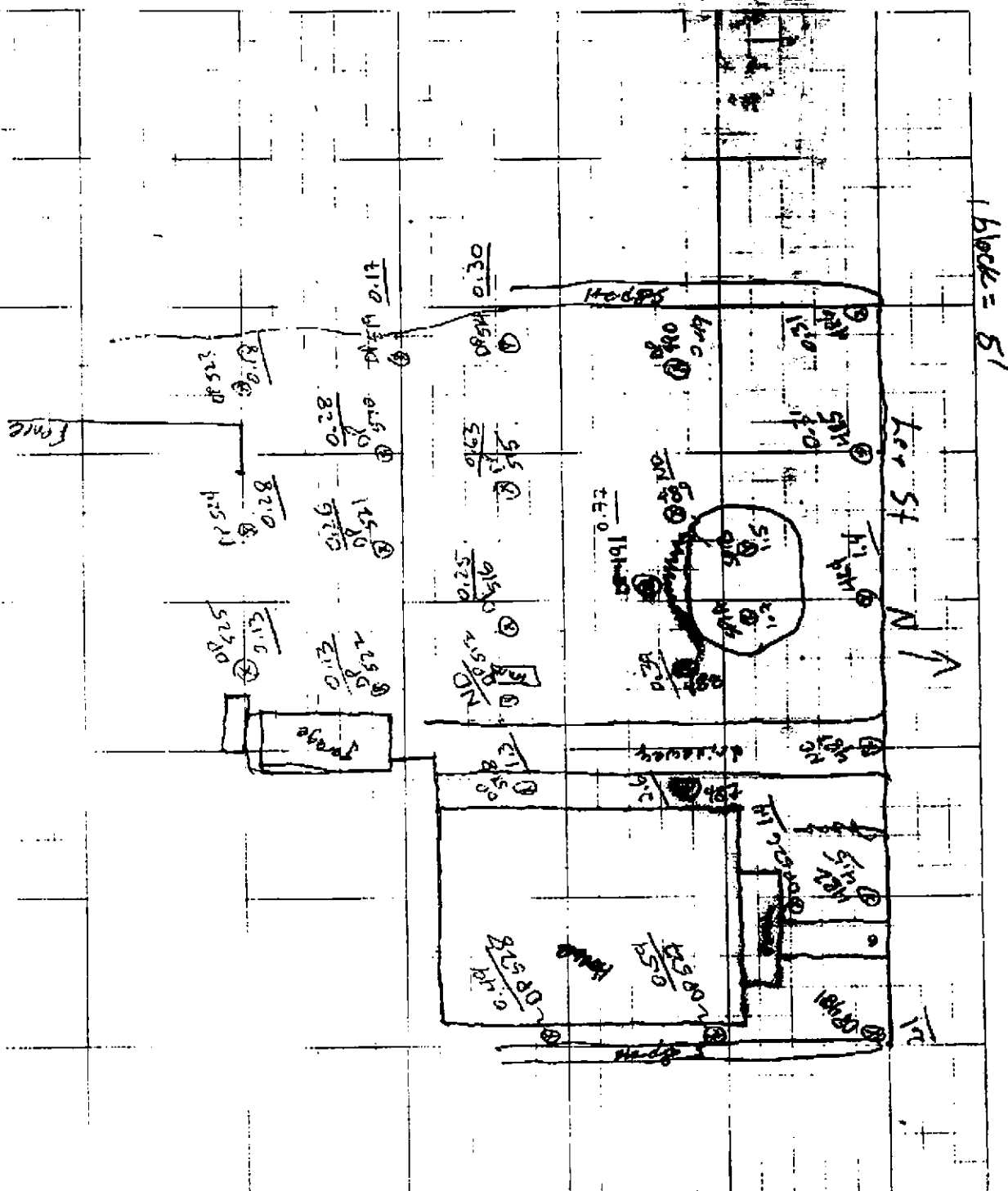
Computed by:

Date.

Checked by:

Sheet: 13 Of:





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601 8926496;

AUG - 29 -

8:57AM;

PAGE 16/20

OGDEN

Job Name:

Job Number:

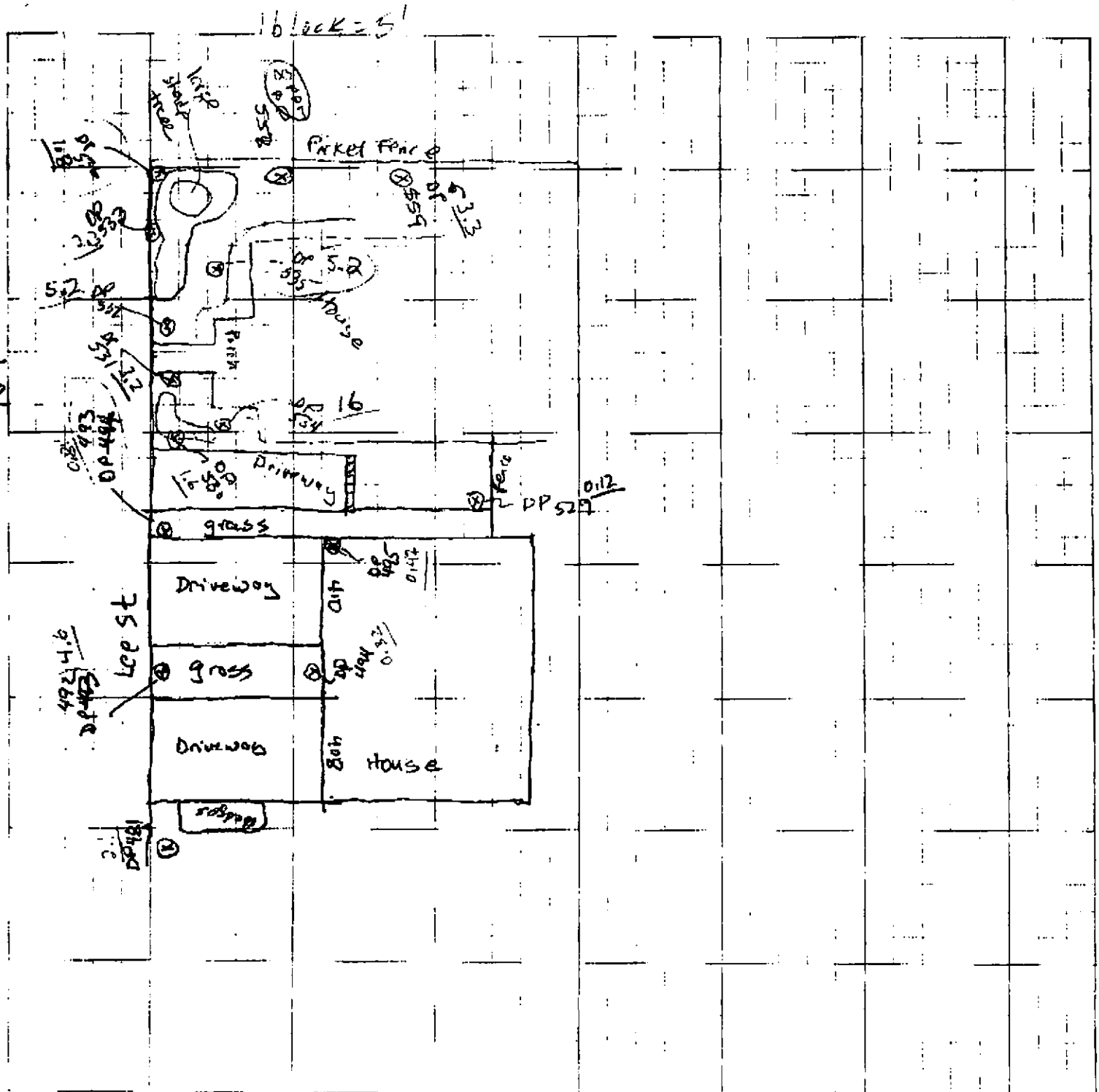
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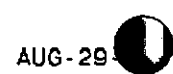
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Checked by:

Date: 8/24/00

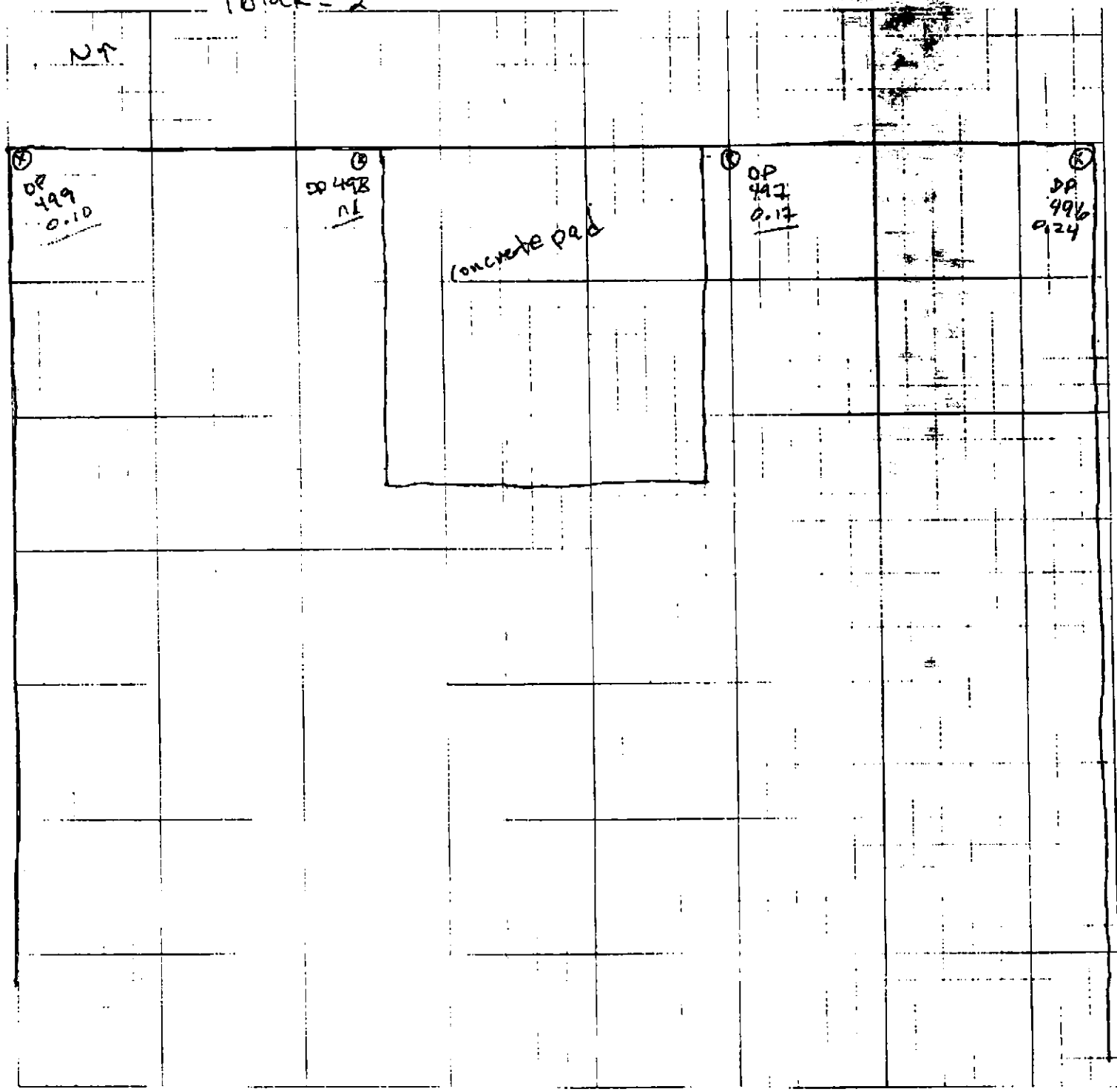
Sheet: 15. Of:





Job Name:
Job Number:
Title: Brent Property, Lee St
Computed by: TDF
Date: 8/24/00
Checked by:
Sheet: 16

1 block = 2'



OGDEN
■■■■■

Job Name:

Job Number:

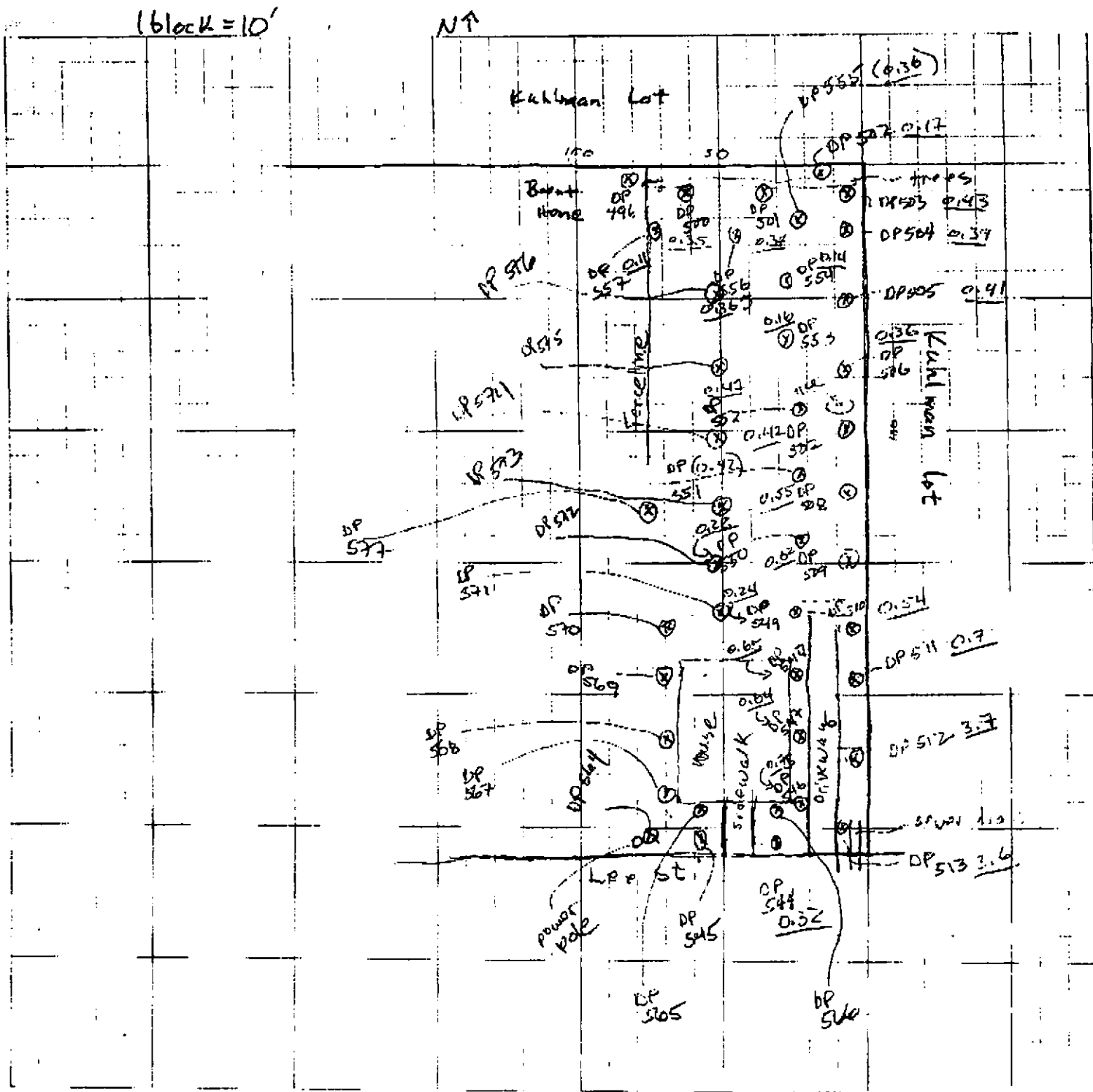
Title: Frazier Property

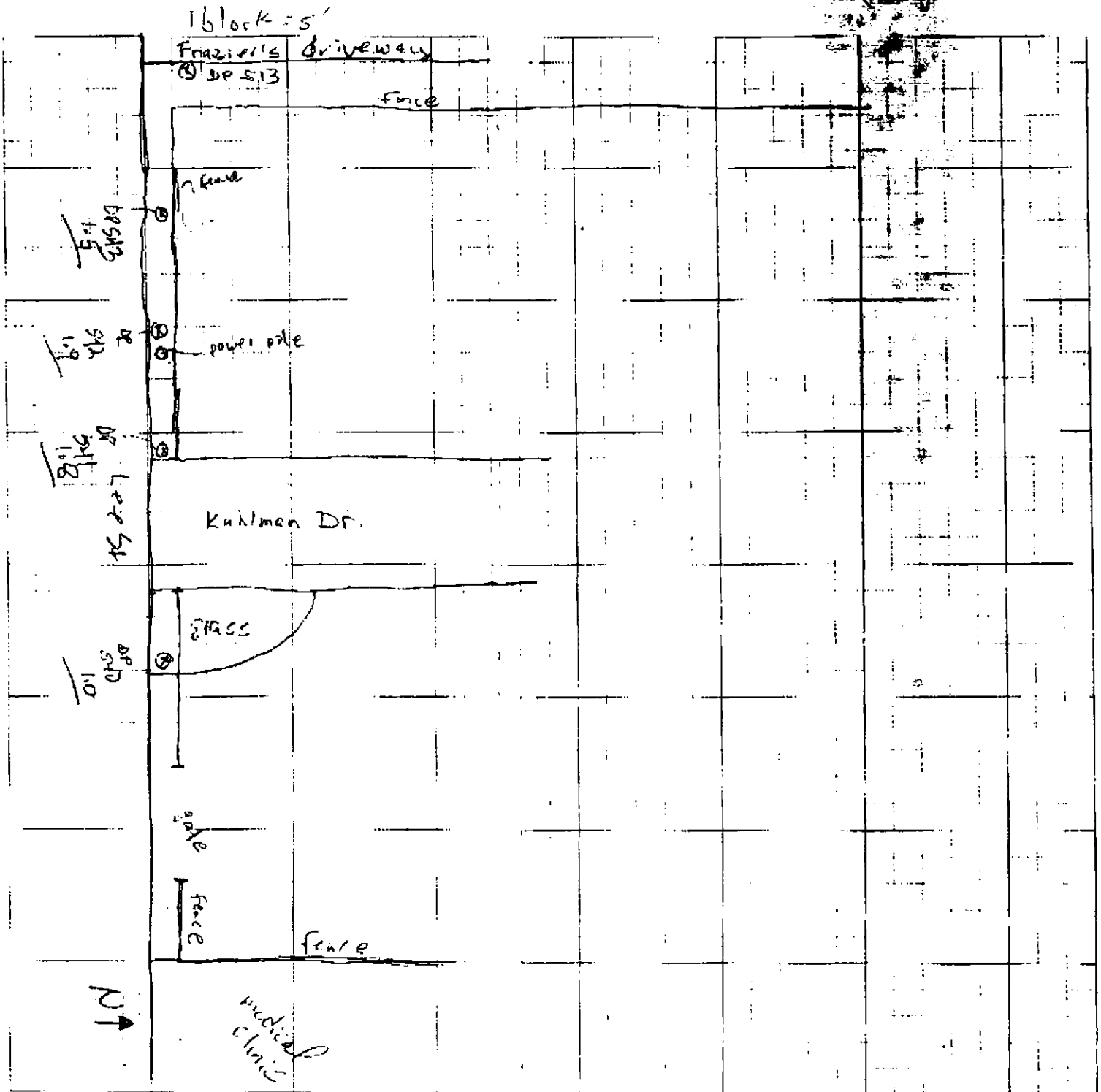
Computed by: TJF

Checked by:

Date: 8/25/00

Sheet: 17 Of:





OGDEN
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Job Name:

Job Number:

Title:

414 Lee St (Garment shop)

Computed by:

JPF

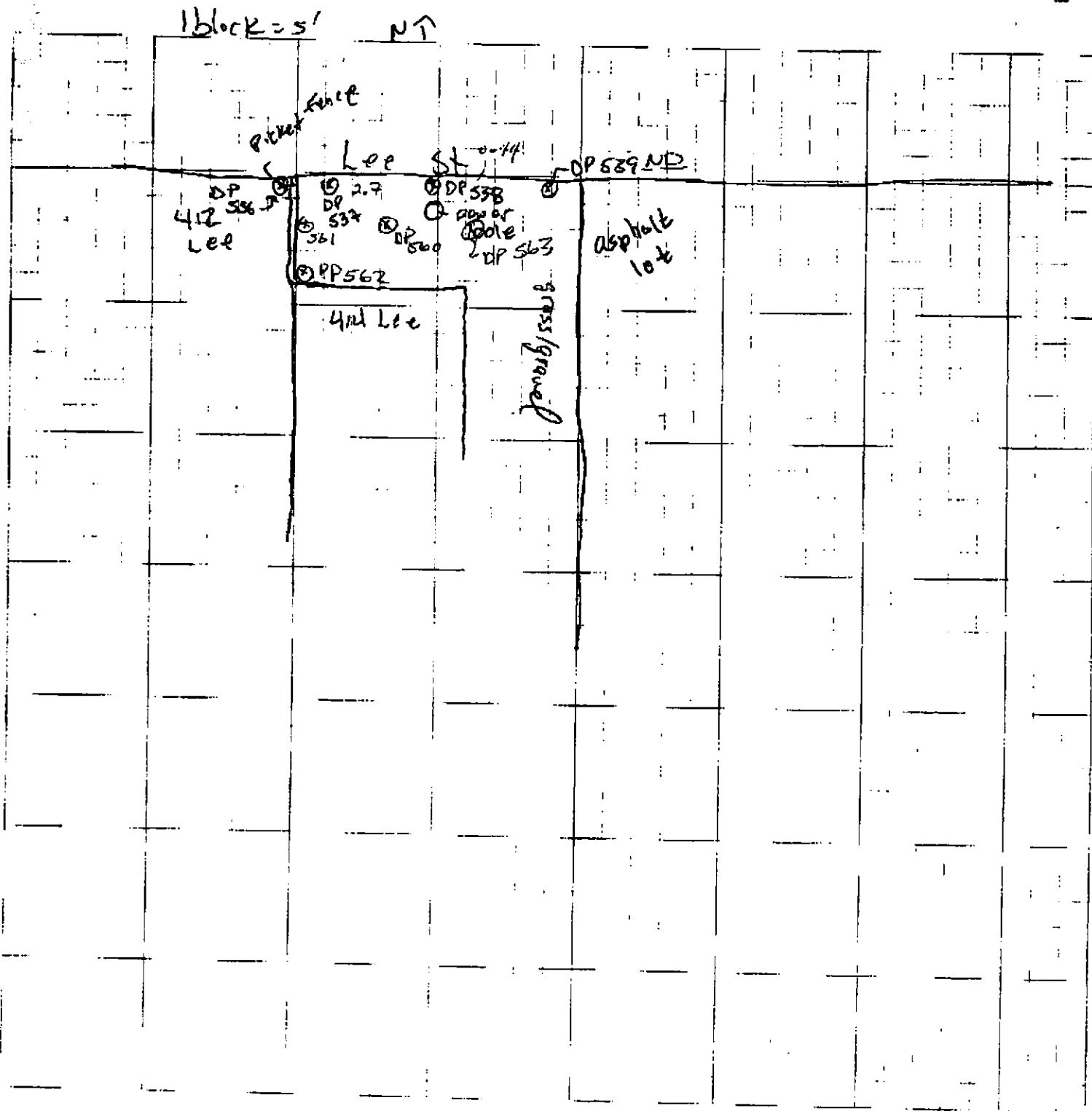
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Sheet:

19 of



OGDEN
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Job Name:

Job Number:

Title:

Computed by:

Date

Checked by:

Sheet

Of

To: Gretchin Zmitrovich

From Tim Fitzpatrick

RE: Capital Springs

31 pages total

Ms. Zmitrovich:

Following ~~are~~^{are} data & maps from our investigation.
We are complete at this time. Please forward the
data to Mr. Robert Martin & Ms. Anastasia Hanel
as well. Thank you.

Tim Fitzpatrick

704 236 3496 (cell)

Date: 15 Aug 20

PAGE 2

J = Estimated
EE = Exceeds calibration range

E = Exceeds calibration range

Date: 16 AUG 00

12482
1260
17

15051

U = Estimated

E = Exceeds calibration range

Date: Aug 16, 2020

Target Analyte		Sample Description																						Blank #3	LCS #6	MS #30	MSD #30
		PCB 05	PCB 24	PCB 25	PCB 26	PCB 27	PCB 28	PCB 29	PCB 30	PCB 31	PCB 32	PCB 33	PCB 34	PCB 35	PCB 36	PCB 37	PCB 38	PCB 39	PCB 40	PCB 41	PCB 42	PCB 43					
1,3,5-TrCB	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	97.4	100	104	
1,2,4-TrCB	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	98.0	101	105	
1,2,3-TrCB	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	97.0	100	105	
1,2,3,5,8,1,2,4,5	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	99.5	103	107	
1,2,3,4-TeCB	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	99.4	103	107	
Penta-CB	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	101	106	108	
Hexa-CB	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	103	108	109	
PCB as 1260	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	100	112	107	
Surrogate PCB	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	104	100	103	
DCBP	PCB	05	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	✓	112	107	109	

J = Estimated
E = Exceeds calibration range

Date: 16 AUG 2000

AUG-20 10:11AM;

PAGE 5

005674

j = Estimated

E = Exceeds calibration range

Sample Tracking Form

Date: August 7, 2000

Target Analyte	ACID		Sample Description										ACID		ACID		Blank	LCS	MS	MSC
	325	326	327	328	328	329	329	330	330	331	331	332	332	333	333	334				
1,3,5-TrCB	0.5	4	0.5	4	0.5	4	0.5	4	0.5	4	0.5	4	0.5	4	0.5	4	0.5	4	0.5	
1,2,4-TrCB	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	
1,2,3-TrCB	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	
1,2,3,5,6,1,2,4,5																				
1,2,3,4-TeCB																				
Penta-CB																				
Hexa-CB																				
PCB as 1250	0.79	0.43	0.45	0.10	0.45	0.10	0.10	0.10	0.10	0.34	0.10	0.34	0.52	0.10	0.34	0.10	0.10	0.10	0.10	
Surrogate TCMs	143	103	104	109	109	109	145	104	103	108	107	107	132	104	133	100	137	103	104	
BCBP	132	103	107	117	113	115	156	107	103	110	105	110	134	110	140	108	127	113	110	
					103															

J = Estimated
E = Exceeds calibration range

Sample Tracking Form

Target Analyte	MSD										MSD										MSD									
	335	335	336	337	338	339	340	340	341	341	342	342	343	343	344	344	344	344	344	Blank	LCS	MS	MSD	MS	MSD	MS	MSD	MS	MSD	
1,3,5-TrCB	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	10	10	15	15	15	15	15	15	15	
1,2,4-TrCB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
1,2,3-TrCB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
1,2,3,5,8,1,2,4,5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
1,2,3,4-TeCB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
Penta-CB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
Hexa-CB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
PCB as 1260	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932	932		
Surrogate TECA	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118	118		
DEBP	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142		

J = Estimated

E = Exceeds calibration range

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Date: 7/4/98

Sample Tracking Form

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U = Estimated

E = Exceeds calibration range

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ACD

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AD

Date: 18 Aug 00

2 April 1964

Target Analyte		Sample Description												Blank	LCS	MS #	MSC #							
		350	350	351	352	352	353	353	354	354	354	MA-1	1	2	2	3	3	5	5	Blank	LCS	MS #	MSC #	
1,3,5-TnCB	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	8	8	107	107
1,2,4-TnCB																					8	8	107	107
1,2,3-TnCB																					8	8	107	107
1,2,3,5&1,2,4,5																					8	8	107	107
1,2,3,4-TnCB																					8	8	107	107
Penta-CB																					8	8	107	107
Hexa-CB																					8	8	107	107
PCB as 1250	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	8	8	107	107
Surrogate ToM	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	8	8	107	107
NAP	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	8	8	107	107

U = Estimated

E = Exceeds calibration range

Date: 18 Aug 00

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601 8926496:
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J = Estimated
E = Exceeds calibration range

r = Estimated

Sample Tracking Form

Date: 18 Aug 00

Target Analyte	Acid				Sample Description				Acid				Blank				LCS				MS				MSD			
	363	363	364	364	365	365	366	366	367	367	368	368	369	369	370	370	371	371	372	372	372	372	372	372	372	372	372	372
1,3,5-TrCB	0.5	4	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173
1,2,4-TrCB	0.5	4	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173
1,2,3-TrCB	0.5	4	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173
1,2,3,5,6,1,2,4,5	0.5	4	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173
1,2,3,4-TeCB	0.5	4	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173
Penta-CB	0.5	4	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173
Hexa-CB	0.5	4	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173
PCB as 1260	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
Surrogate T(MY)	112	92.6	119	84.1	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
XBP	129	999	129	910	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120

J = Estimated
E = Exceeds calibration range

Sample Tracking Form

Date: 18 Aug 00

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PAGE 12

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J = Estimated
E = Exceeds calibration range

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Date: 19 AUG 88

E = Exceeds calibration range

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Sample Tracking Form

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Estimated

E = Exceeds calibration range

Sample Tracking Form

Date: 19 Aug 20

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Target Analyte	Sample Description																				Blank #	LCS #	MS #	MSC #
	402 0.5	402 1.0	403 0.5	403 1.0	404 0.5	404 1.0	405 0.5	405 1.0	406 0.5	406 1.0	407 0.5	407 1.0	408 0.5	408 1.0	409 0.5	409 1.0	410 0.5	410 1.0	411 0.5	411 1.0				
1,3,5-TrCB	225	225	227	228	229	230	231	232	233	234	235	286	287	238	239	240	241	242	243	244	14	225	225	
1,2,4-TrCB	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	929	929	
1,2,3-TrCB	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	928	912	
1,2,3,5&1,2,4,5	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	928	915	
1,2,3,4-TeCB	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	922	183	
Penta-CB	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	912	901	
Hexa-CB	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	894	899	
PCB as 1260	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	0.12	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	0.28	4.01	4.01	868	936	
Surrogate TCB	95.2	95.2	93.7	94.0	94.0	94.0	95.8	95.4	95.4	92.3	94.9	92.2	92.2	95.6	91.4	91.2	91.2	123	93.8	92.9	92.1	89.0	89.5	
DGBP	95.5	95.5	94.7	93.5	93.5	93.5	95.0	91.8	91.8	98.1	93.1	95.2	95.2	91.4	91.4	91.2	91.2	119	95.5	92.9	92.4	92.4	89.9	

J = Estimated
E = Exceeds calibration range

2, 10/11/2007 New

Date: 19 Aug 00

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J = Estimated
E = Exceeds calibration range

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Sample Tracking Form

Date: 19 Aug 00

Target Analyte	Sample Description												Blank #	LCS #	MS #	M #
	422	422	423	423	424	424	425	425	426	427	427	427				
1,3,5-TrCB	0.5	4	26.6	26.7	26.8	26.9	270	271	272	273	274	275	276	277	278	279
1,2,4-TrCB	26.5	26.6	26.7	26.8	26.9	270	271	272	273	274	275	276	277	278	279	280
1,2,3-TrCB	26.5	26.6	26.7	26.8	26.9	270	271	272	273	274	275	276	277	278	279	280
1,2,3,5,8,1,2,4,5	26.5	26.6	26.7	26.8	26.9	270	271	272	273	274	275	276	277	278	279	280
1,2,3,4-TaCB	26.5	26.6	26.7	26.8	26.9	270	271	272	273	274	275	276	277	278	279	280
Penta-CB	26.5	26.6	26.7	26.8	26.9	270	271	272	273	274	275	276	277	278	279	280
Hexa-CB	26.5	26.6	26.7	26.8	26.9	270	271	272	273	274	275	276	277	278	279	280
PCB as 1260	26.5	26.6	26.7	26.8	26.9	270	271	272	273	274	275	276	277	278	279	280
Surrogate TCMK	119	70.3	115	75.0	88.6	84.2	75.6	83.7	80.4	75.7	80.4	75.7	80.4	75.7	80.4	75.7
DEBP	115	81.9	119	86.4	85.2	83.3	79.7	88.6	94.1	85.1	94.1	85.1	94.1	85.1	94.1	85.1
1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

J = Estimated
E = Exceeds calibration range

Sample Tracking Form

DATE

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Date: 20 Aug 00

Target Analyte	Sample Description										MS #									
	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447
1,3,5-TrCB	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1,2,4-TrCB	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296
1,2,3-TrCB	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316
1,2,3,5,8,1,2,4,5	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336
1,2,3,4-TeCB	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356
Penta-CB	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376
Hexa-CB	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396
PCB as 1260	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416
Surrogate	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436
2,3,4,5,6,7,8,9,10	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456
	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476
	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496
	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516
	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536
	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556
	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576
	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596
	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616
	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636
	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656
	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676
	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696
	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716
	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736
	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756
	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776
	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796
	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816
	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836
	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856
	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876
	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896
	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916
	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936
	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956
	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976
	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996
	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016

J = Estimated
E = Exceeds calibration range

Date: 20 Aug 10

② Large US Firms are profitable
one by one

E = Exceeds calibration range
J = Estimated

Sample Tracking Form

Date: 20 Aug 00

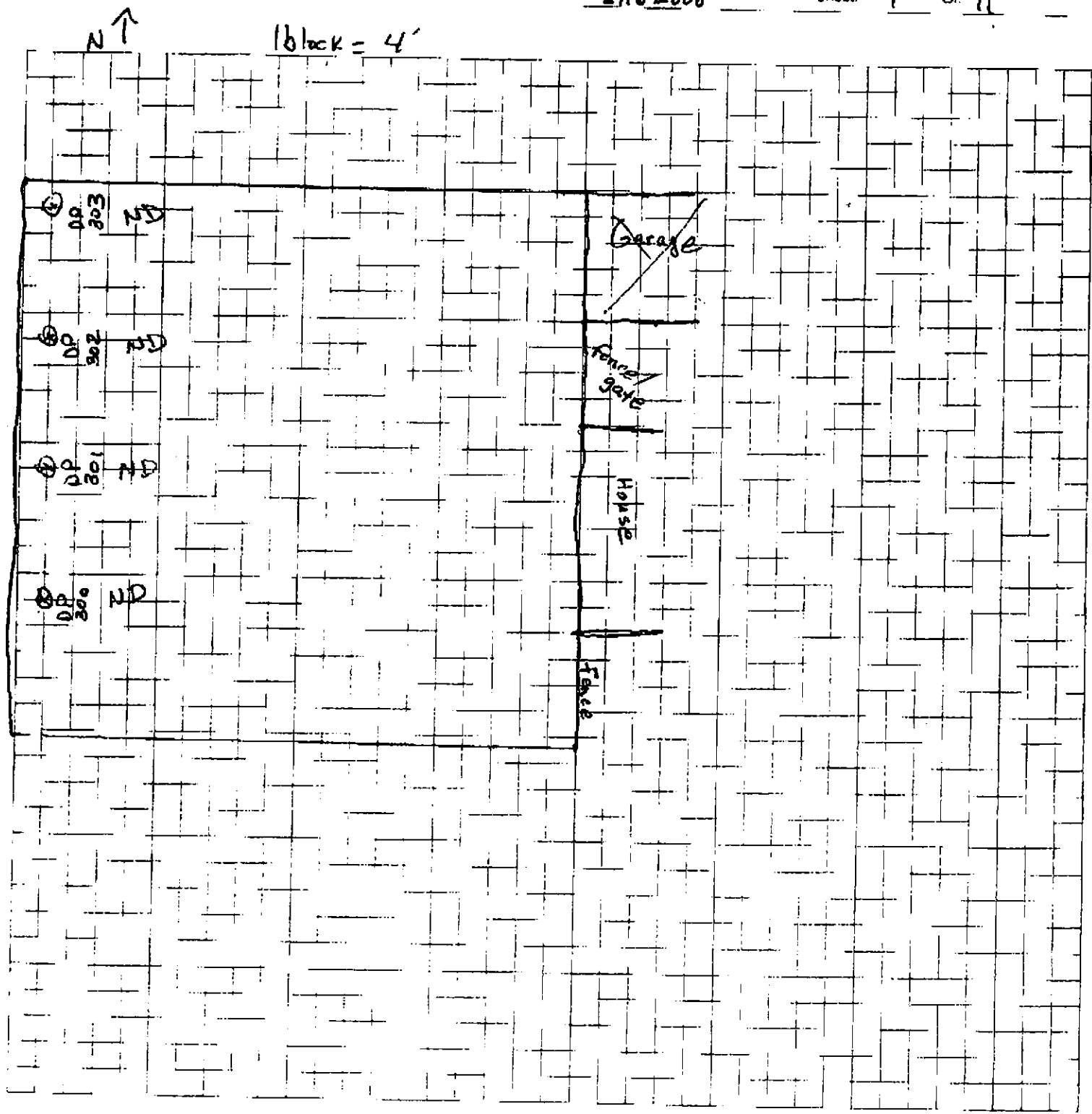
Target Analyte	MS				LCS				Blank				MS				MS			
	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
1,3,5-TrCB	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
1,2,4-TrCB	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
1,2,3-TrCB	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
1,2,3,5&1,2,4,5	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
1,2,3,4-TeCB	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
Penta-CB	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
Hexa-CB	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
PCB as 1280	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
Sumogate TCMX	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
DEBD	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447
1,2,3,4,5,6	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447	446	446	446	447

J = Estimated
E = Exceeds calibration range



Job Name: Crystal Springs-
Job Number: _____
Title: Sony Reeves backyard 405 Jackson
Computed by: _____ Checked by: _____
Date: 2/16/2000 Shoot: 1 Of: 11

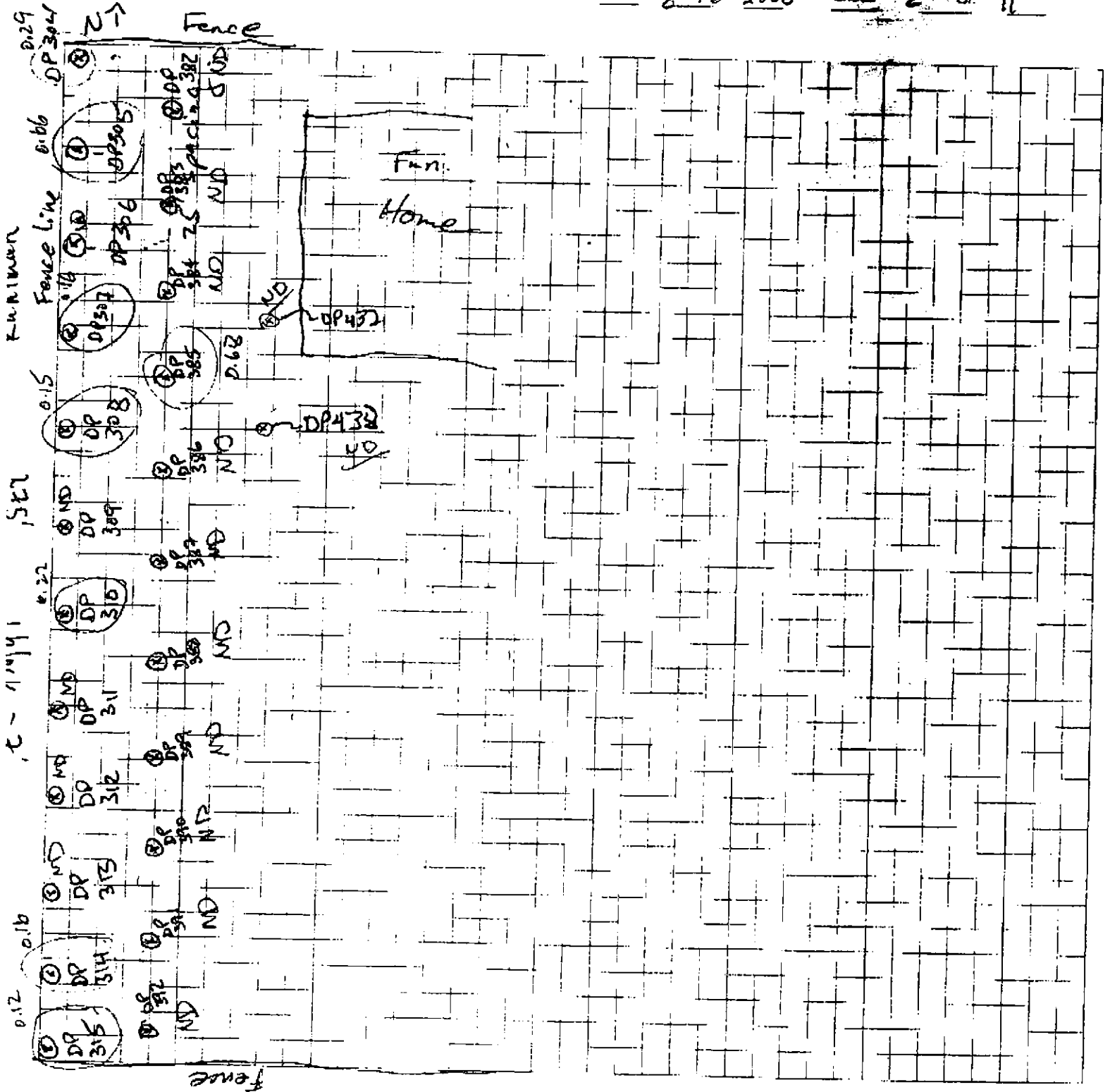
1/2 inch = 1 foot



OGDEN

200
3

Job Name: Crystal Springs
Job Number: _____
Title: Stringer Funeral Home
Computed by: _____
Date: 8-16-2000 Sheet 2 of 11



OGDEN

Job Name: Crystal Springs

Job Number: _____

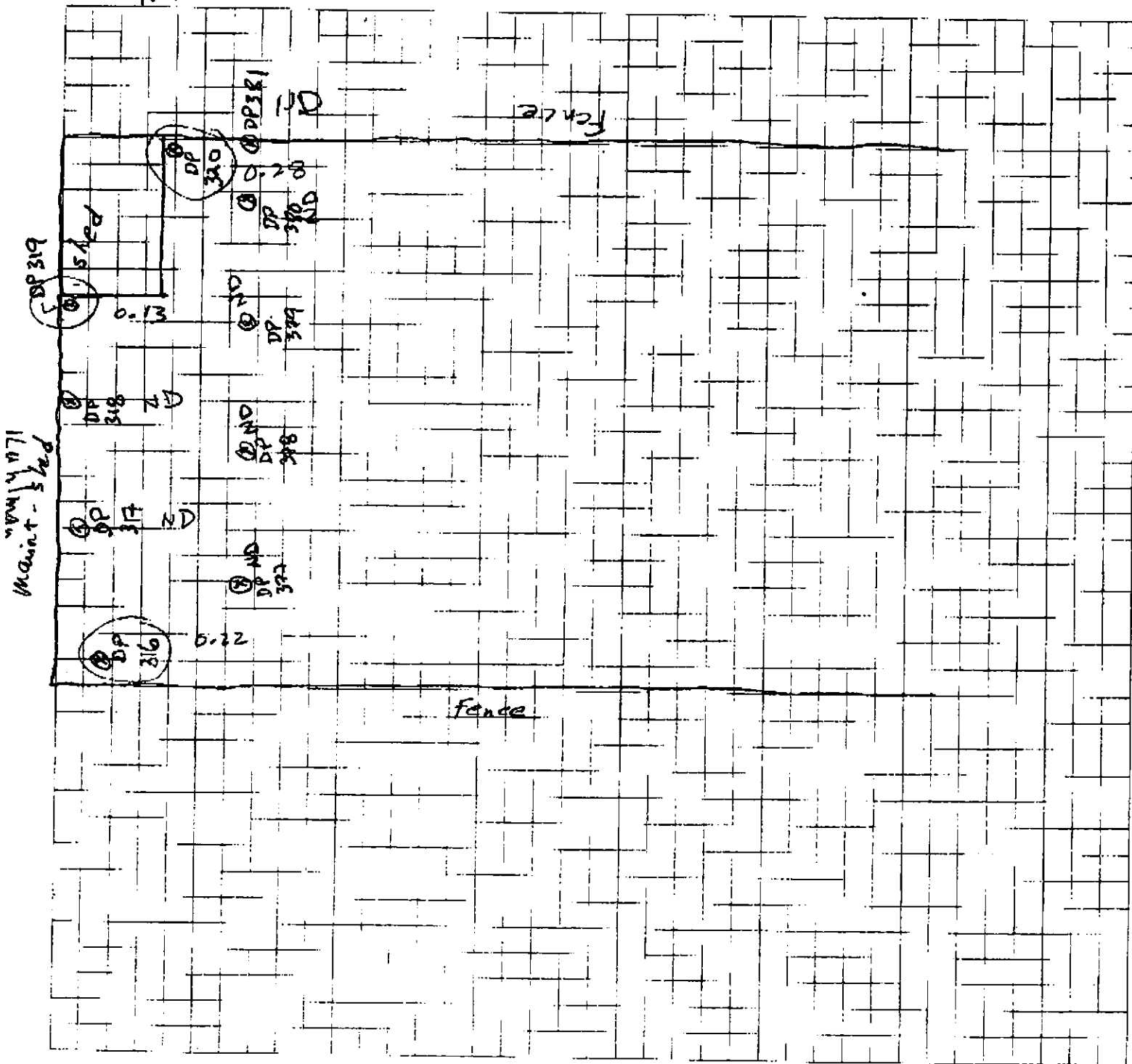
Title: 401 N. Jackson Elnor Wright

Computed by: _____ Checked by: _____

Date: 8-16-2000 Sheet: 3 of 11

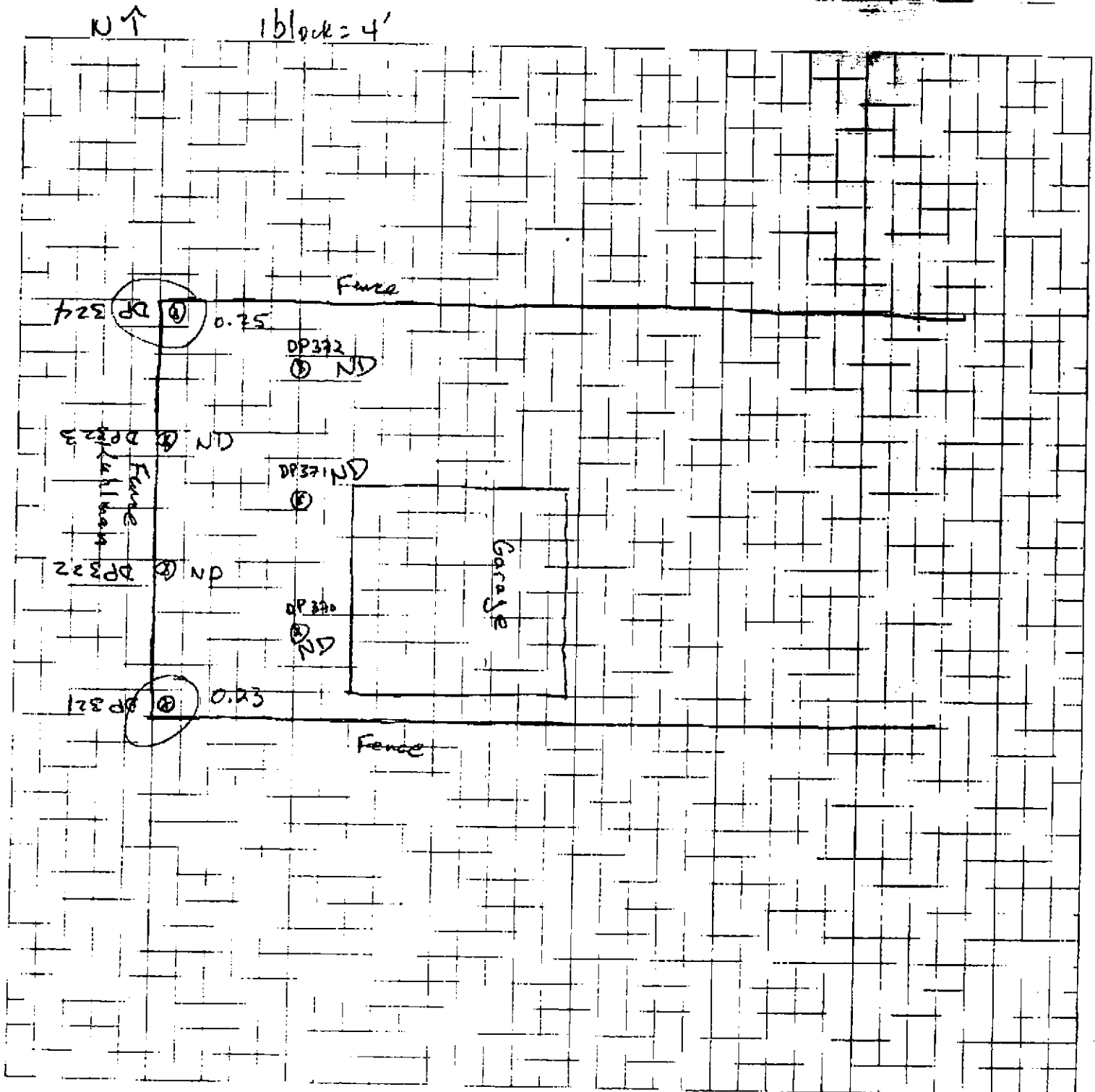
1 block = 4'

N ↑



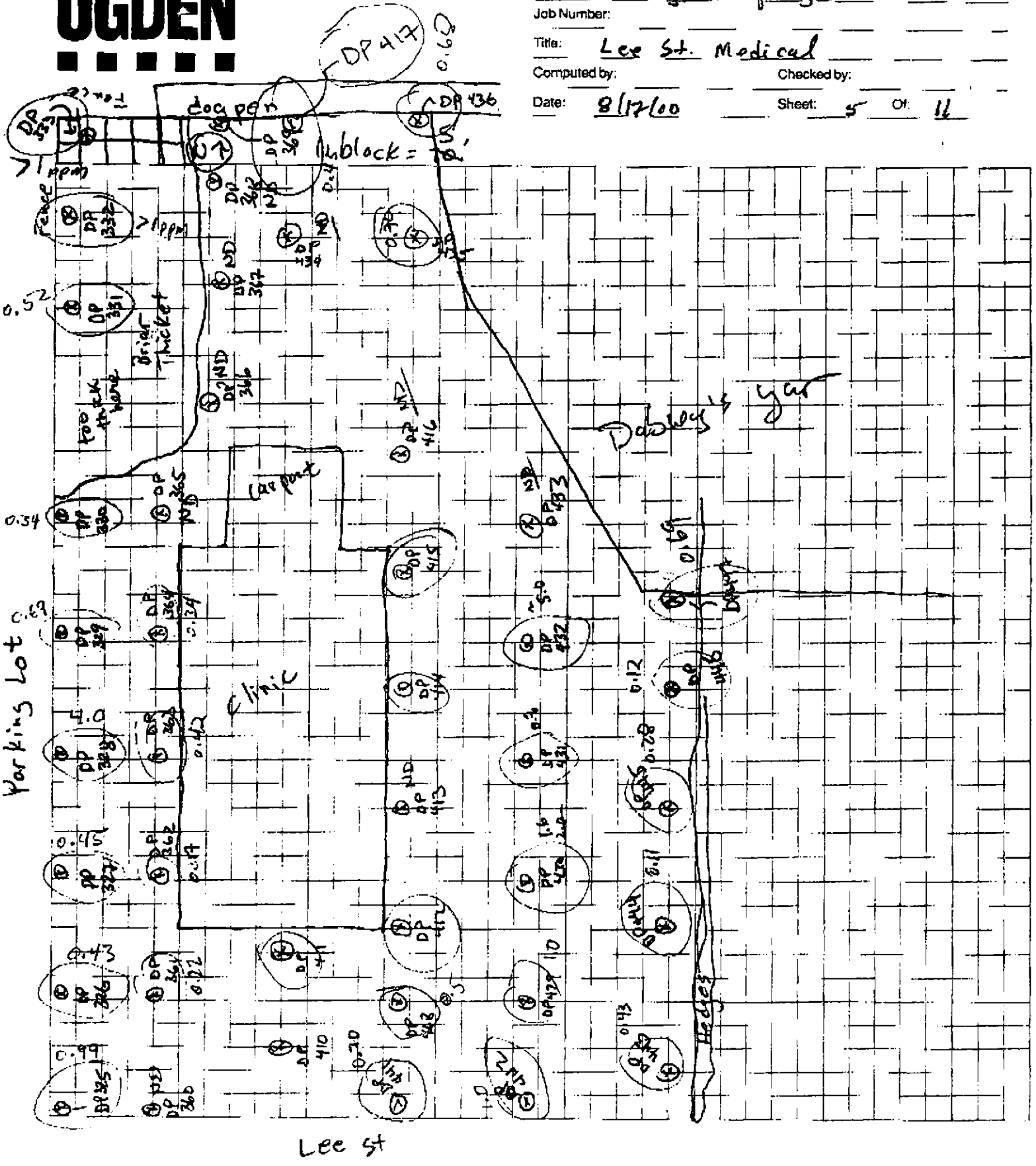
OGDEN
■■■■■

Job Name: Crystal Springs
Job Number: _____
Title: 407 N. Jackson Louie Lang
Computed by: _____
Date: 8-16-00 Sheet 4 of 11



OGDEN
■■■■■

Job Name: Crystal Springs
Job Number: _____
Title: Lee St. Medical
Computed by: _____ Checked by: _____
Date: 8/17/00 Sheet: 5 Of: 11

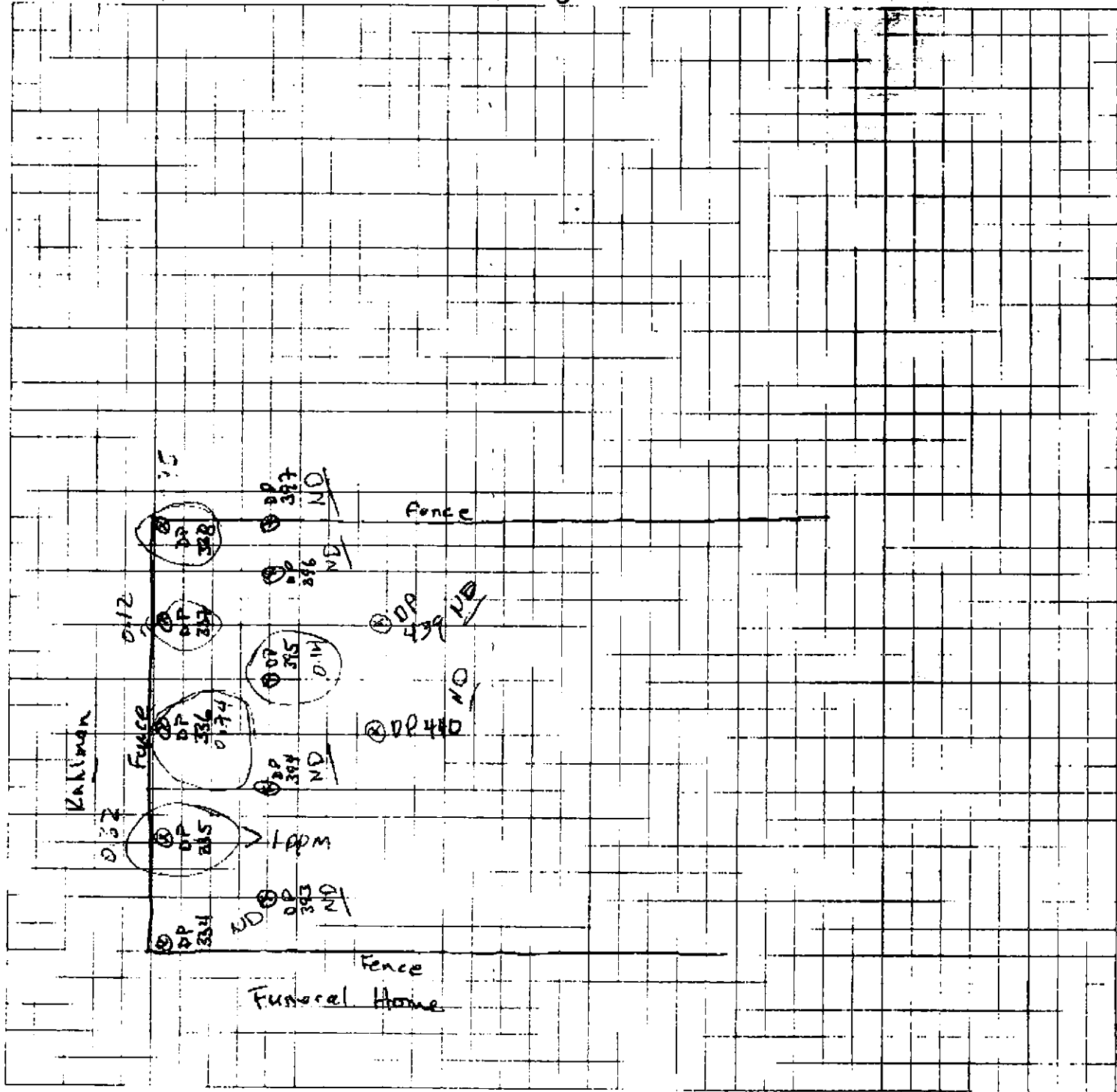




Job Name: Crystal Springs
Job Number:
Title: 303 N. Jackson (Springer)
Computed by: Cricket
Date: 8-17-00 Sheet 6 of 11

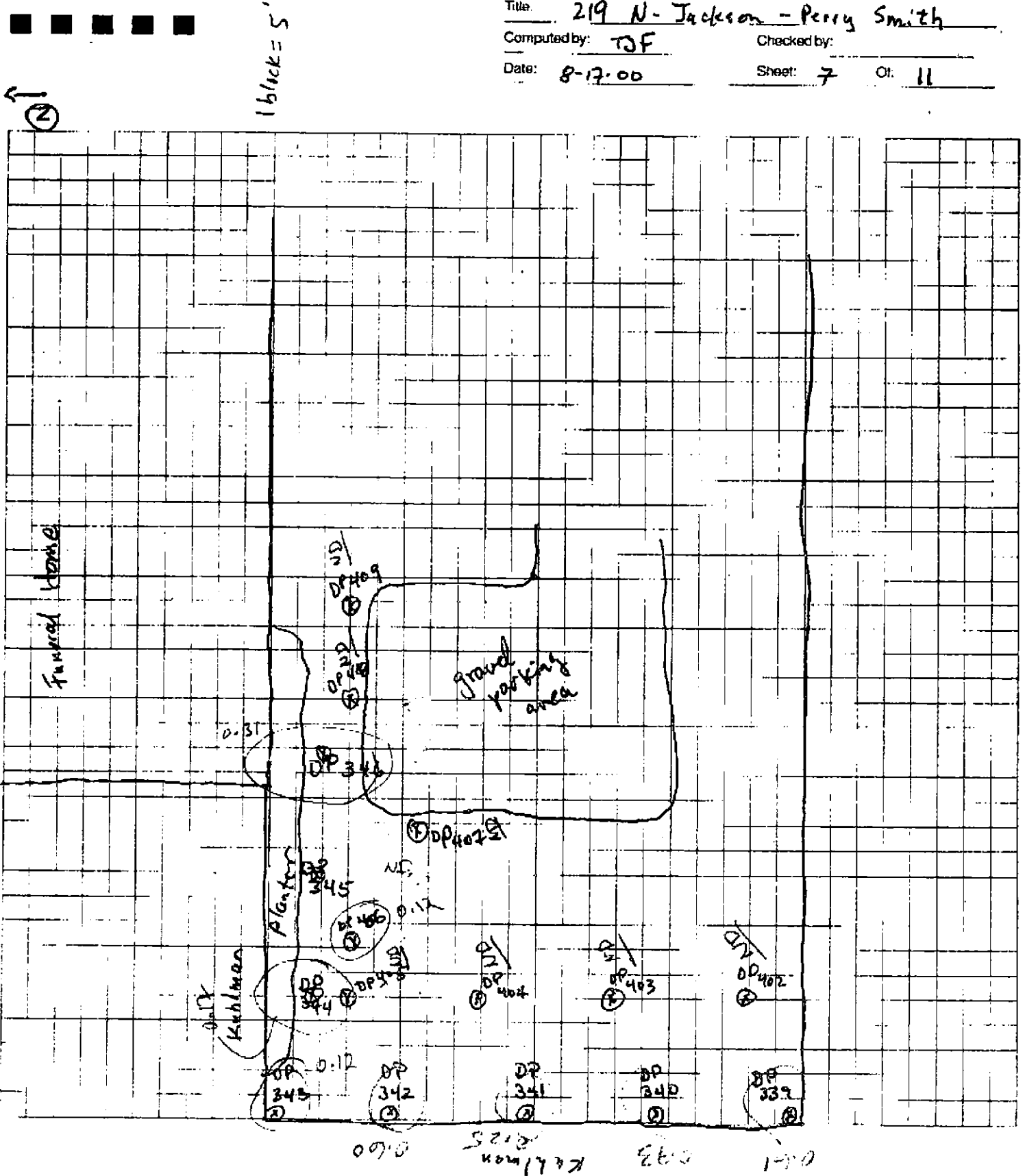
NT

1 block = 5'



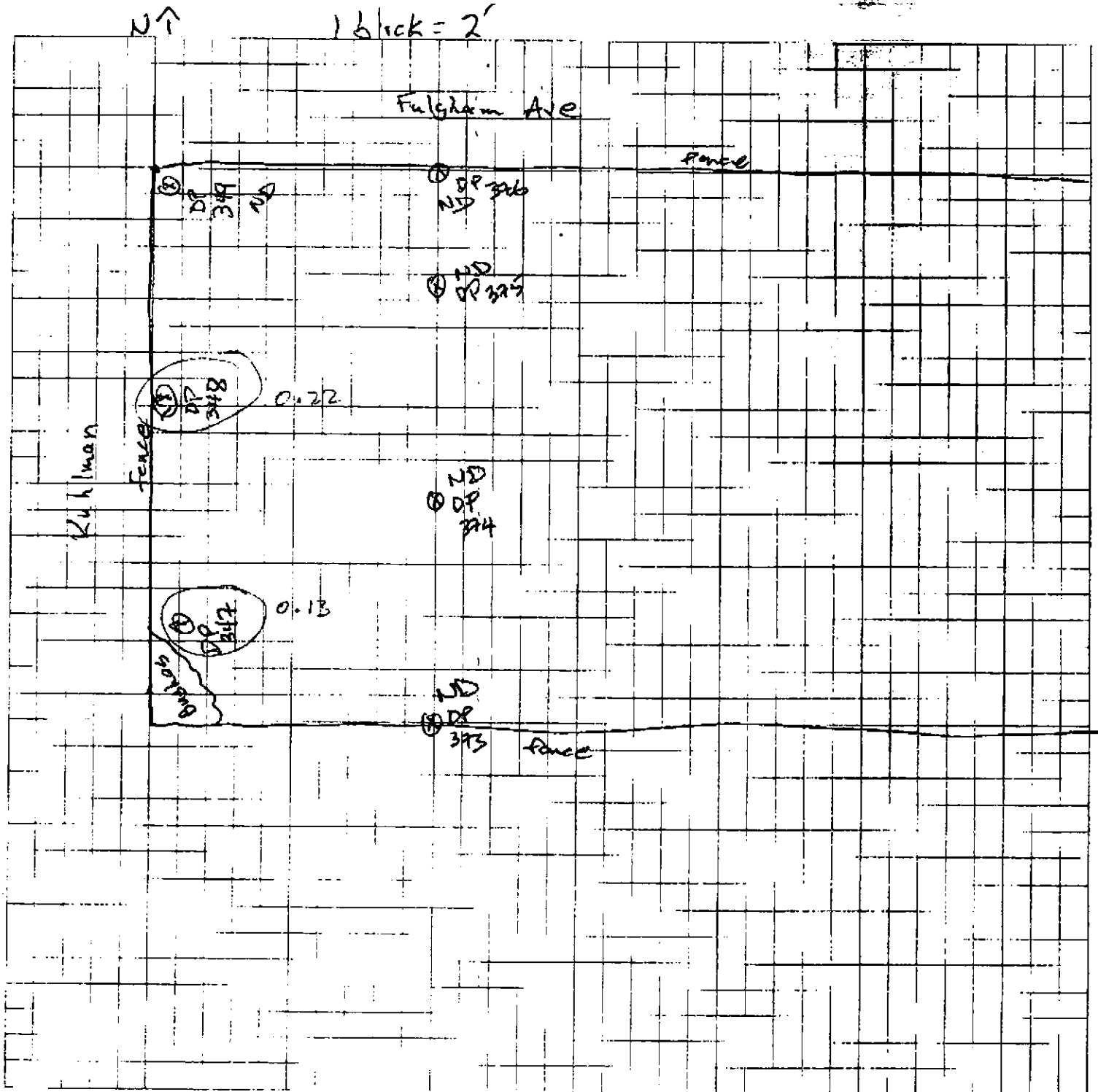
OGDEN
■■■■■

Job Name: Crystal Springs
Job Number:
Title: 219 N. Jackson - Perry Smith
Computed by: TJF Checked by:
Date: 8-17-00 Sheet: 7 Of: 11



OGDEN
■■■■■

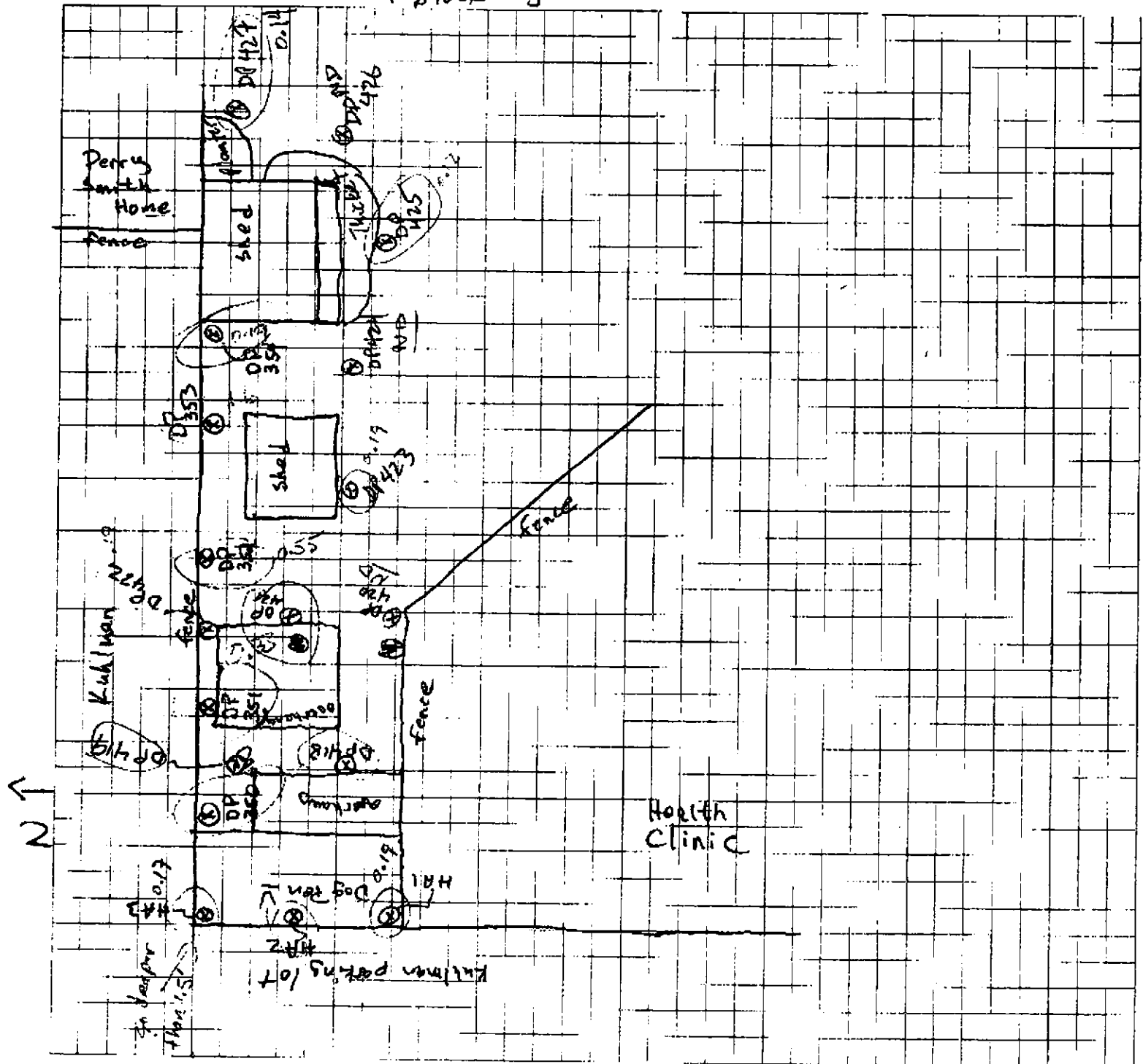
Job Name: Crystal Springs
Job Number: _____
Title: 409 N. Jackson (Amy Cooper)
Computed by: RF Checked by: _____
Date: 8-17-00 Sheet: 8 of 11



OGDEN
■■■■■

Job Name: Crystal Springs
Job Number: _____
Title: Dabney Home
Computed by: TJE Checked by: _____
Date: 8-17-00 Sheet: 9 Of: 11

1 block = 5'



OGDEN

Job Name:

Job Number:

Title:

Computed by:

Date _____



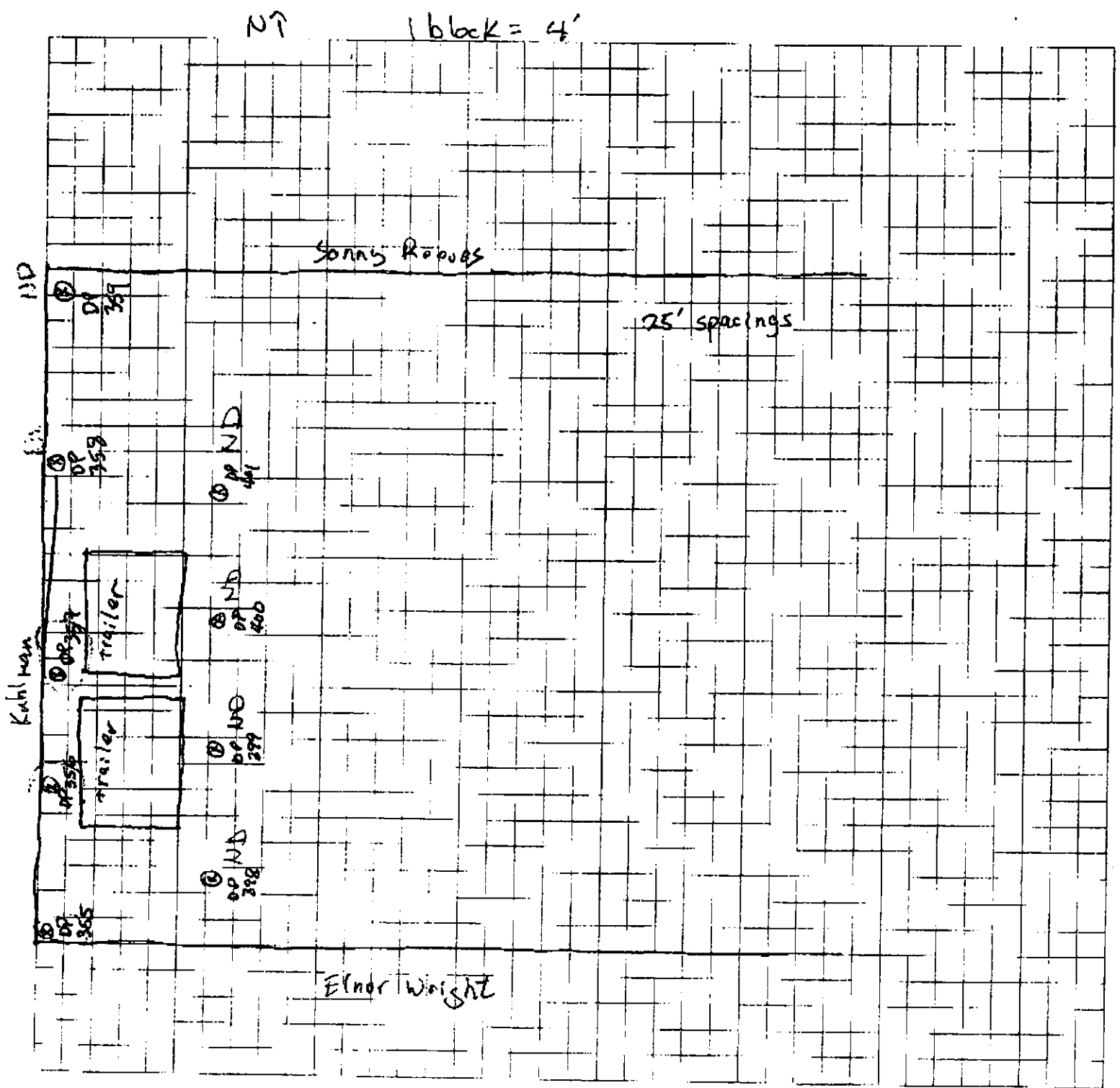
1 блок = 4'

Ullmann

Stranger Rental Property



Job Name: Crystal Springs
Job Number: _____
Title: Herald & Suzanne Warren
Computed by: TJF Checked by: _____
Date: 8-18-00 Sheet: 11 Of: 11





Job Name:

Job Number:

Title:

Computed by:

Date:

FILE COPY
COPY

Checked by:

Sheet 10 of

Fax Coversheet

To: Gretchin Zmitrovich
MDECR

From: Tim Fitzpatrick
Ogden Environmental

Re: Crystal Springs Data Summary

Ms. Zmitrovich:

Following is all the data available as of 5:30 PM on Friday Aug 18. The mobile lab had autosampler malfunctions the previous two nights and are thus still somewhat behind.

We will be working through the weekend and you can reach me on my cell at 704-236-3496 if you like.

Best Regards,

Tim Fitzpatrick

19 pages
total

Sample Tracking Form

Page 1 of 2

Date: 16 Aug 00

[illegible]

J = Estimated
E = Exceeds calibration range

Sample Tracking Form

Date: Aug 14, 2020Page 7 of 7[illegible]

J = Estimated

E = Exceeds calibration range

Sample Tracking Form

300
300
300
300

Date: 16 AUG 2000

[illegible]

J = Estimated
E = Exceeds calibration range

Page 1 of 5
Date: August 17, 2000

Target Analyte	ACID										ACID										Sample Description										ACID										ACID										ACID										ACID										ACID																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	325	325	326	326	327	327	328	328	329	329	330	330	331	331	332	332	333	333	334	334	335	335	336	336	337	337	338	338	339	339	340	340	341	341	342	342	343	343	344	344	345	345	346	346	347	347	348	348	349	349	350	350	351	351	352	352	353	353	354	354	355	355	356	356	357	357	358	358	359	359	360	360	361	361	362	362	363	363	364	364	365	365	366	366	367	367	368	368	369	369	370	370	371	371	372	372	373	373	374	374	375	375	376	376	377	377	378	378	379	379	380	380	381	381	382	382	383	383	384	384	385	385	386	386	387	387	388	388	389	389	390	390	391	391	392	392	393	393	394	394	395	395	396	396	397	397	398	398	399	399	400	400	401	401	402	402	403	403	404	404	405	405	406	406	407	407	408	408	409	409	410	410	411	411	412	412	413	413	414	414	415	415	416	416	417	417	418	418	419	419	420	420	421	421	422	422	423	423	424	424	425	425	426	426	427	427	428	428	429	429	430	430	431	431	432	432	433	433	434	434	435	435	436	436	437	437	438	438	439	439	440	440	441	441	442	442	443	443	444	444	445	445	446	446	447	447	448	448	449	449	450	450	451	451	452	452	453	453	454	454	455	455	456	456	457	457	458	458	459	459	460	460	461	461	462	462	463	463	464	464	465	465	466	466	467	467	468	468	469	469	470	470	471	471	472	472	473	473	474	474	475	475	476	476	477	477	478	478	479	479	480	480	481	481	482	482	483	483	484	484	485	485	486	486	487	487	488	488	489	489	490	490	491	491	492	492	493	493	494	494	495	495	496	496	497	497	498	498	499	499	500	500	501	501	502	502	503	503	504	504	505	505	506	506	507	507	508	508	509	509	510	510	511	511	512	512	513	513	514	514	515	515	516	516	517	517	518	518	519	519	520	520	521	521	522	522	523	523	524	524	525	525	526	526	527	527	528	528	529	529	530	530	531	531	532	532	533	533	534	534	535	535	536	536	537	537	538	538	539	539	540	540	541	541	542	542	543	543	544	544	545	545	546	546	547	547	548	548	549	549	550	550	551	551	552	552	553	553	554	554	555	555	556	556	557	557	558	558	559	559	560	560	561	561	562	562	563	563	564	564	565	565	566	566	567	567	568	568	569	569	570	570	571	571	572	572	573	573	574	574	575	575	576	576	577	577	578	578	579	579	580	580	581	581	582	582	583	583	584	584	585	585	586	586	587	587	588	588	589	589	590	590	591	591	592	592	593	593	594	594	595	595	596	596	597	597	598	598	599	599	600	600	601	601	602	602	603	603	604	604	605	605	606	606	607	607	608	608	609	609	610	610	611	611	612	612	613	613	614	614	615	615	616	616	617	617	618	618	619	619	620	620	621	621	622	622	623	623	624	624	625	625	626	626	627	627	628	628	629	629	630	630	631	631	632	632	633	633	634	634	635	635	636	636	637	637	638	638	639	639	640	640	641	641	642	642	643	643	644	644	645	645	646	646	647	647	648	648	649	649	650	650	651	651	652	652	653	653	654	654	655	655	656	656	657	657	658	658	659	659	660	660	661	661	662	662	663	663	664	664	665	665	666	666	667	667	668	668	669	669	670	670	671	671	672	672	673	673	674	674	675	675	676	676	677	677	678	678	679	679	680	680	681	681	682	682	683	683	684	684	685	685	686	686	687	687	688	688	689	689	690	690	691	691	692	692	693	693	694	694	695	695	696	696	697	697	698	698	699	699	700	700	701	701	702	702	703	703	704	704	705	705	706	706	707	707	708	708	709	709	710	710	711	711	712	712	713	713	714	714	715	715	716	716	717	717	718	718	719	719	720	720	721	721	722	722	723	723	724	724	725	725	726	726	727	727	728	728	729	729	730	730	731	731	732	732	733	733	734	734	735	735	736	736	737	737	738	738	739	739	740	740	741	741	742	742	743	743	744	744	745	745	746	746	747	747	748	748	749	749	750	750	751	751	752	752	753	753	754	754	755	755	756	756	757	757	758	758	759	759	760	760	761	761	762	762	763	763	764	764	765	765	766	766	767	767	768	768	769	769	770	770	771	771	772	772	773	773	774	774	775	775	776	776	777	777	778	778	779	779	780	780	781	781	782	782	783	783	784	784	785	785	786	786	787	787	788	788	789	789	790	790	791	791	792	792	793	793	794	794	795	795	796	796	797	797	798	798	799	799	800	800	801	801	802	802	803	803	804	804	805	805	806	806	807	807	808	808	809	809	810	810	811	811	812	812	813	813	814	814	815	815	816	816	817	817	818	818	819	819	820	820	821	821	822	822	823	823	824	824	825	825	826	826	827	827	828	828	829	829	830	830	831	831	832	832	833	833	834	834	835	835	836	836	837	837	838	838	839	839	840	840	841	841	842	842	843	843	844	844	845	845	846	846	847	847	848	848	849	849	850	850	851	851	852	852	853	853	854	854	855	855	856	856	857	857	858	858	859	859	860	860	861	861	862	862	863	863	864	864	865	865	866	866	867	867	868	868	869	869	870	870	871	871	872	872	873	873	874	874	875	875	876	876	877	877	878	878	879	879	880	880	881	881	882	882	883	883	884	884	885	885	886	886	887	887	888	888	889	889	890	890	891	891	892	892	893	893	894	894	895	895	896	896	897	897	898	898	899	899	900	900	901	901	902	902	903	903	904	904	905	905	906	906	907	907	908	908	909	909	910	910	911	911	912	912	913	913	914	914	915	915	916	916	917	917	918	918	919	919	920	920	921	921	922	922	923	923	924	924	925	925	926	926	927	927	928	928	929	929	930	930	931	931	932	932	933	933	934	934	935	935	936	936	937	937	938	938	939	939	940	940	941	941	942	942	943	943	944	944	945	945	946	946	947	947	948	948	949	949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Sample Tracking Form

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 Date: August 11, 2000

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Sample Tracking Form

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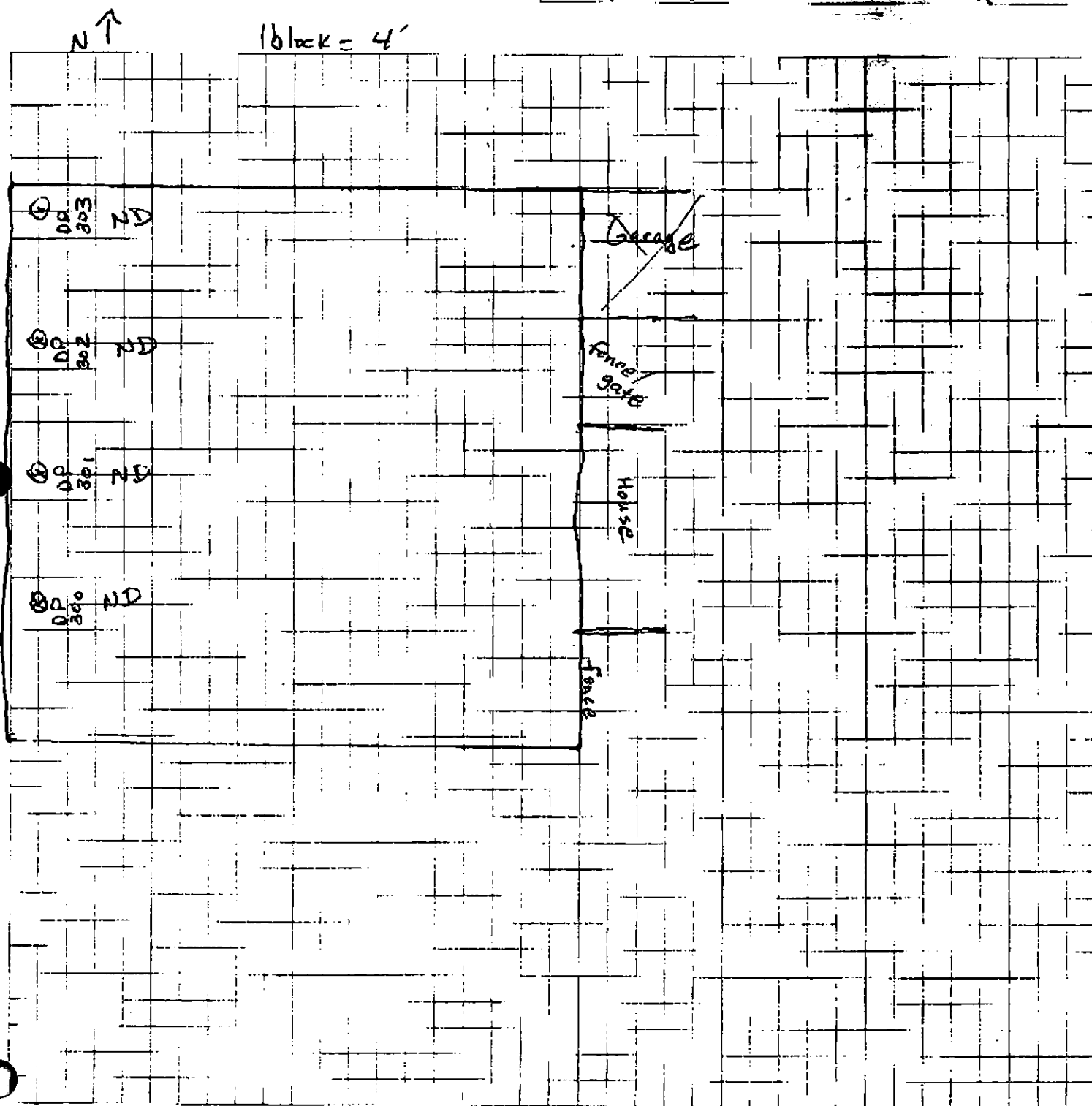
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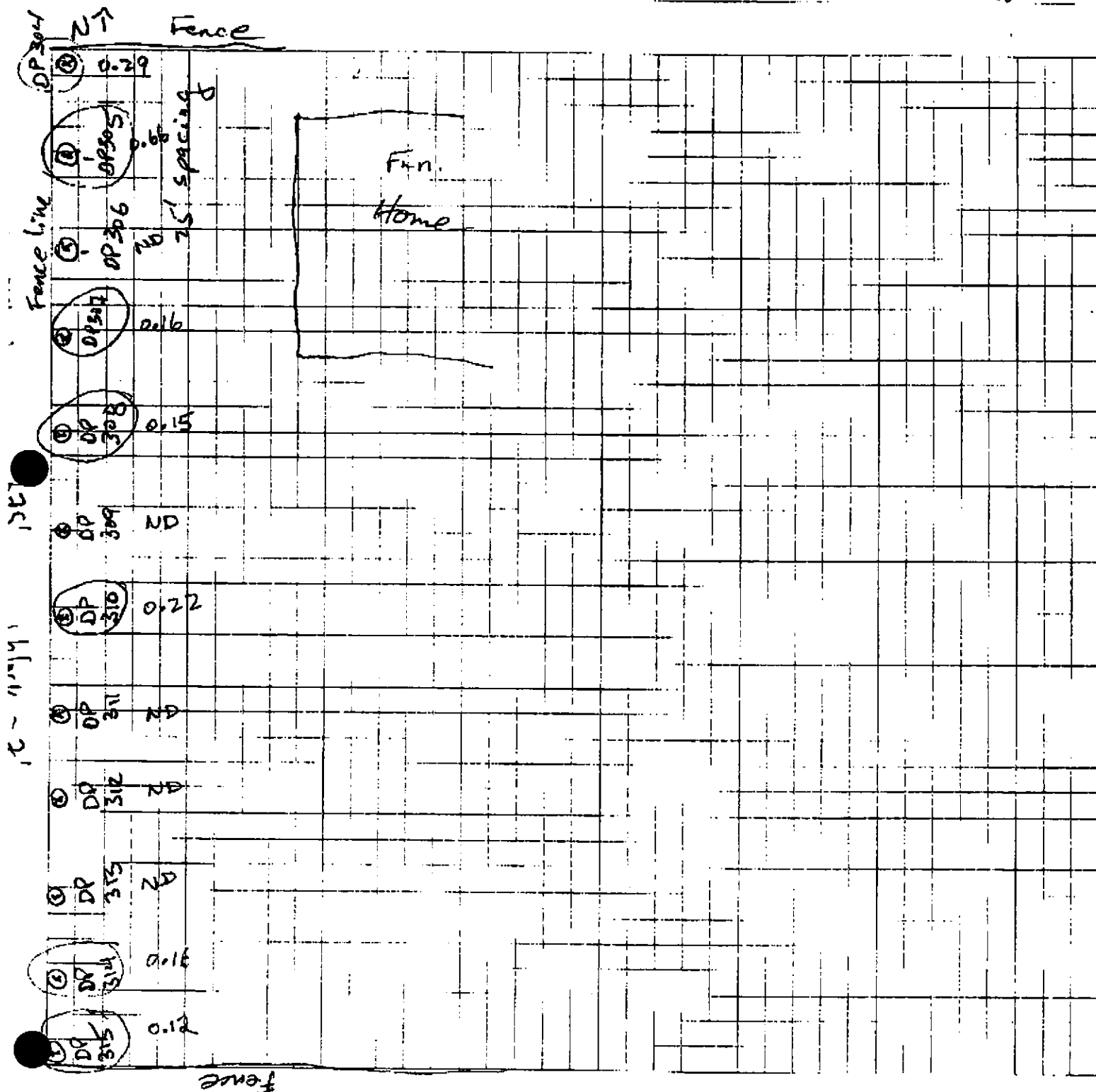
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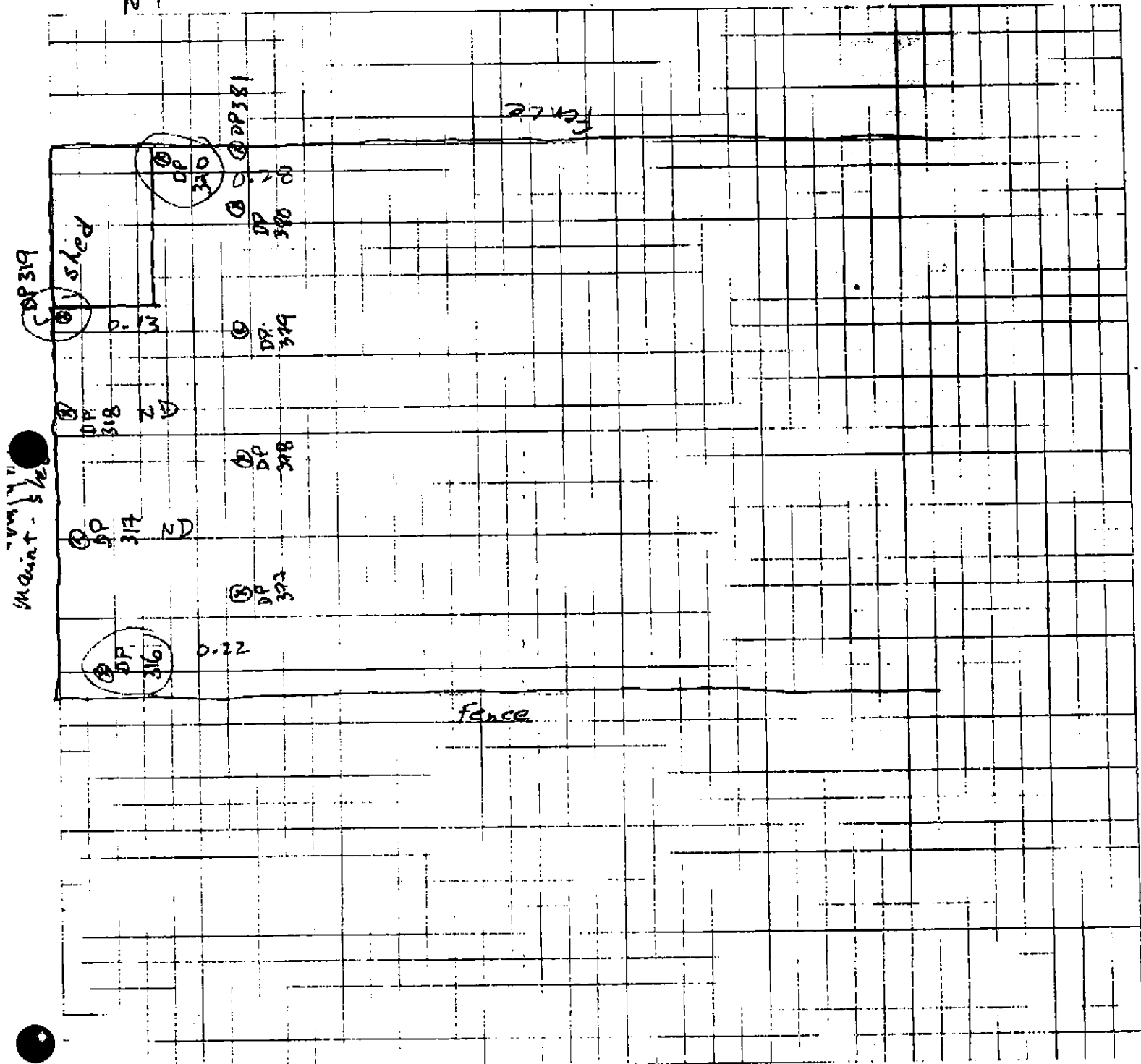
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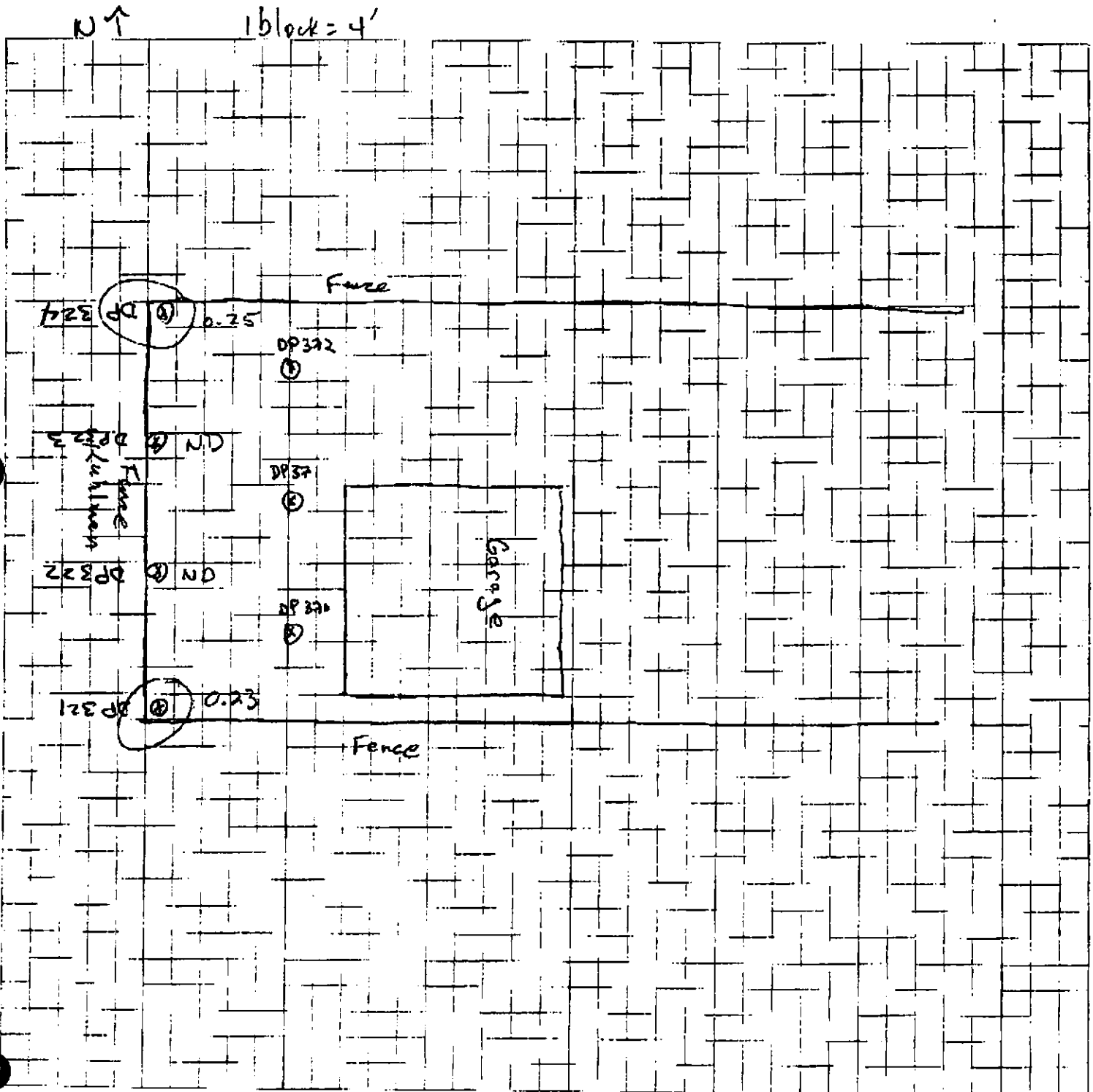
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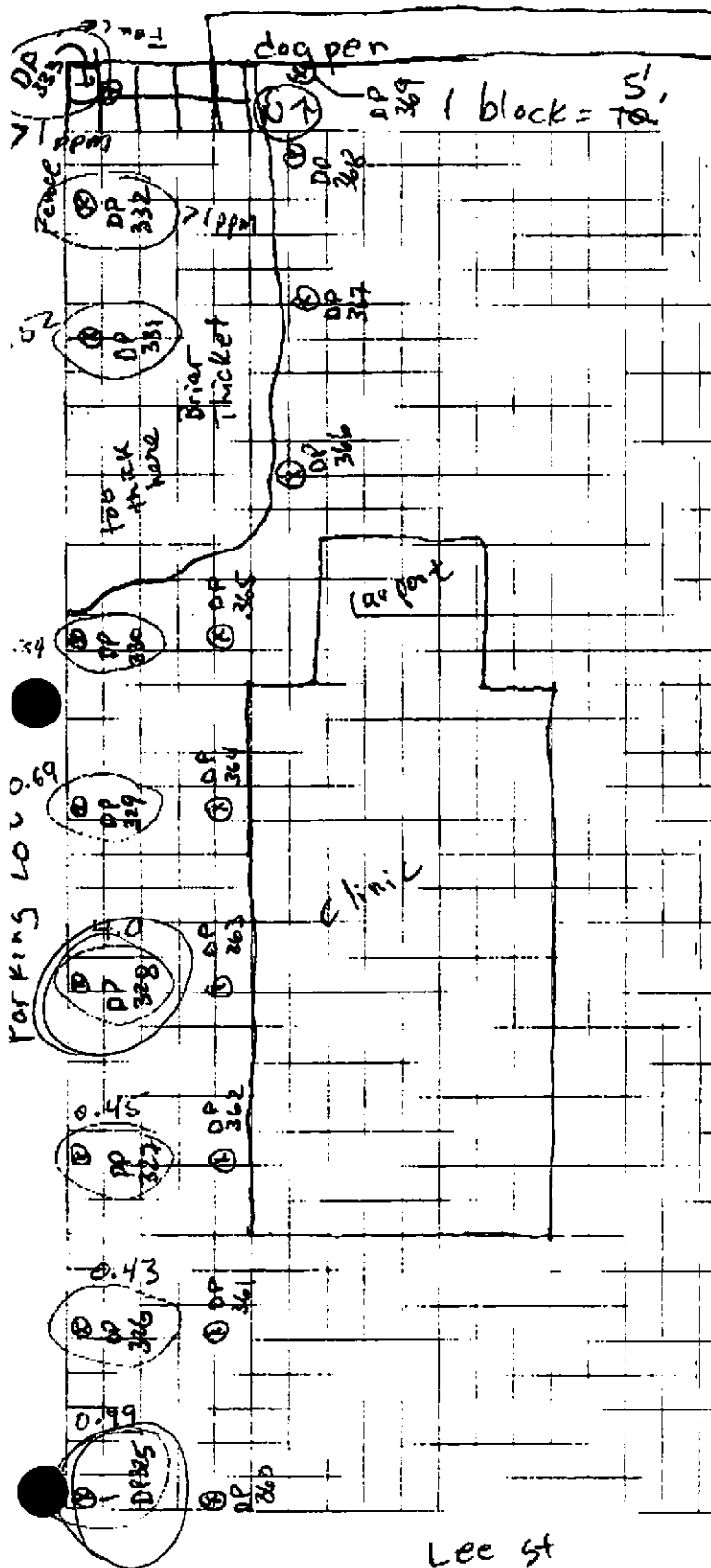
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Title:

303 N. Jackson (stringer)

Computed by:

Checked by: _

Date:

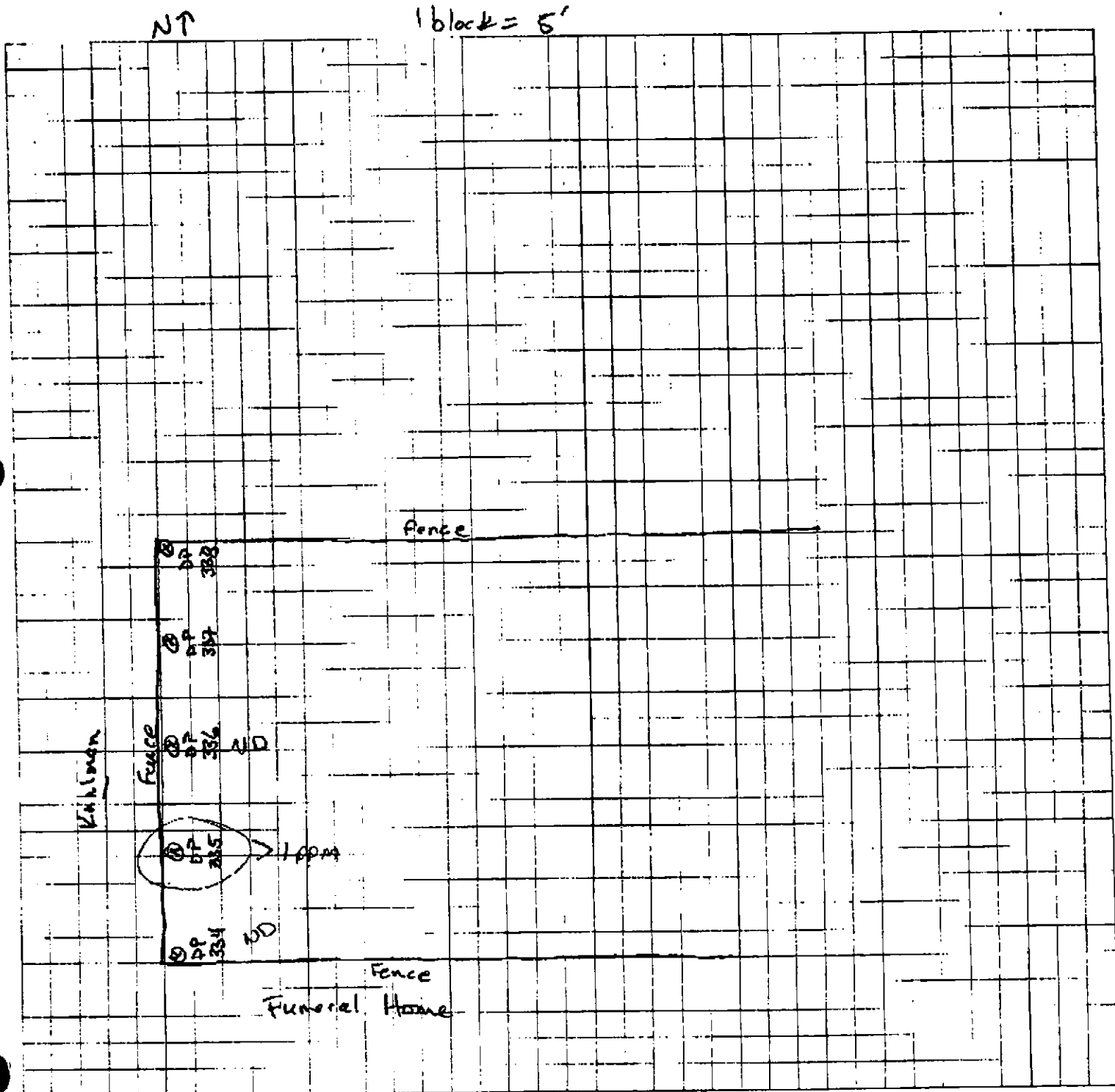
8-17-00

Sheet:

6

01:

11



OGDEN
■■■■■

Job Name:

Crystal Springs

Job Number:

Title:

219 N. Jackson - Percy Smith

Computed by:

TJF

Checked by:

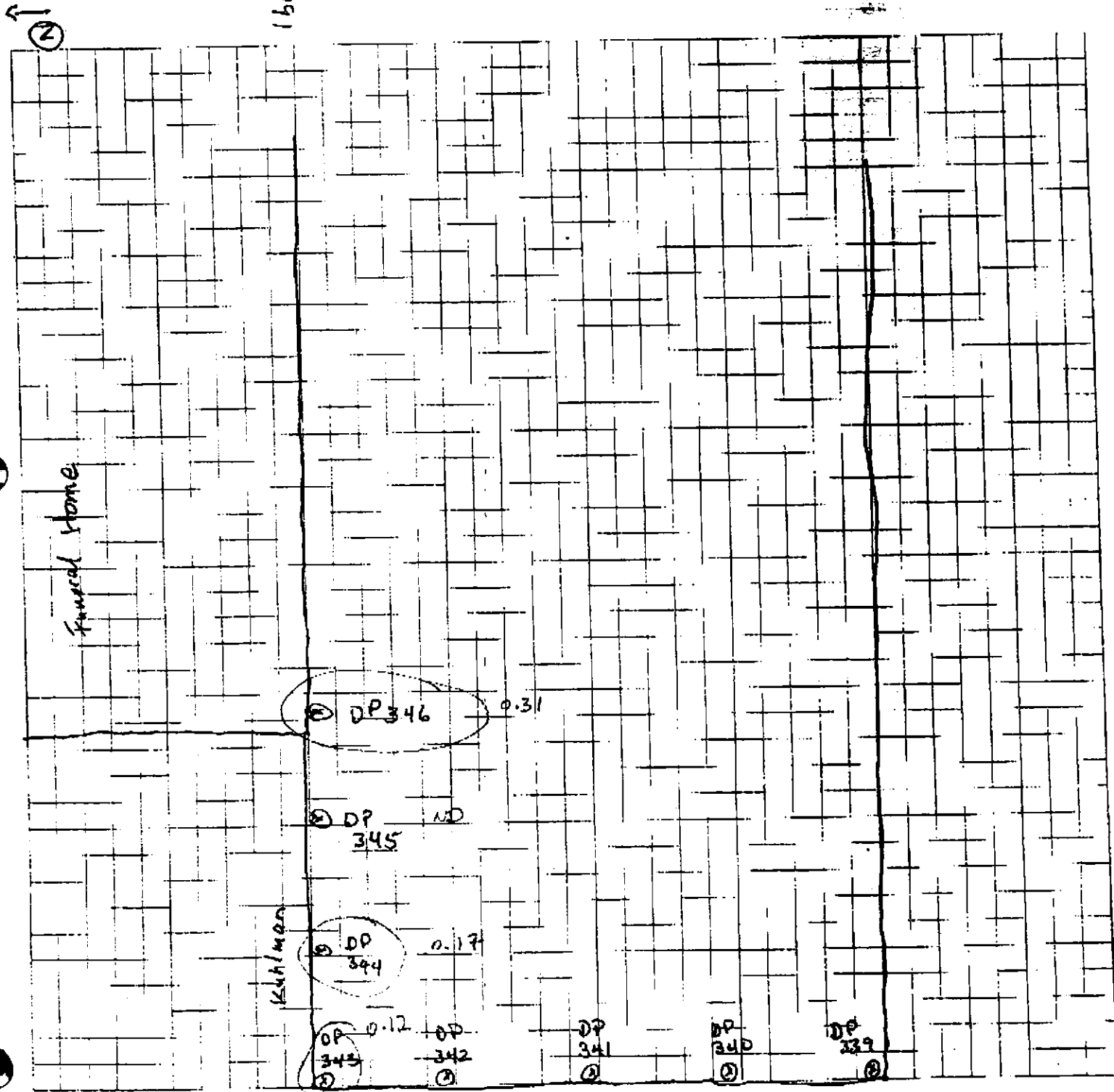
Date:

8-17-00

Sheet:

11

1 block = 5'



Kuhlman



Job Name: Crystal Springs

Job Number: _____

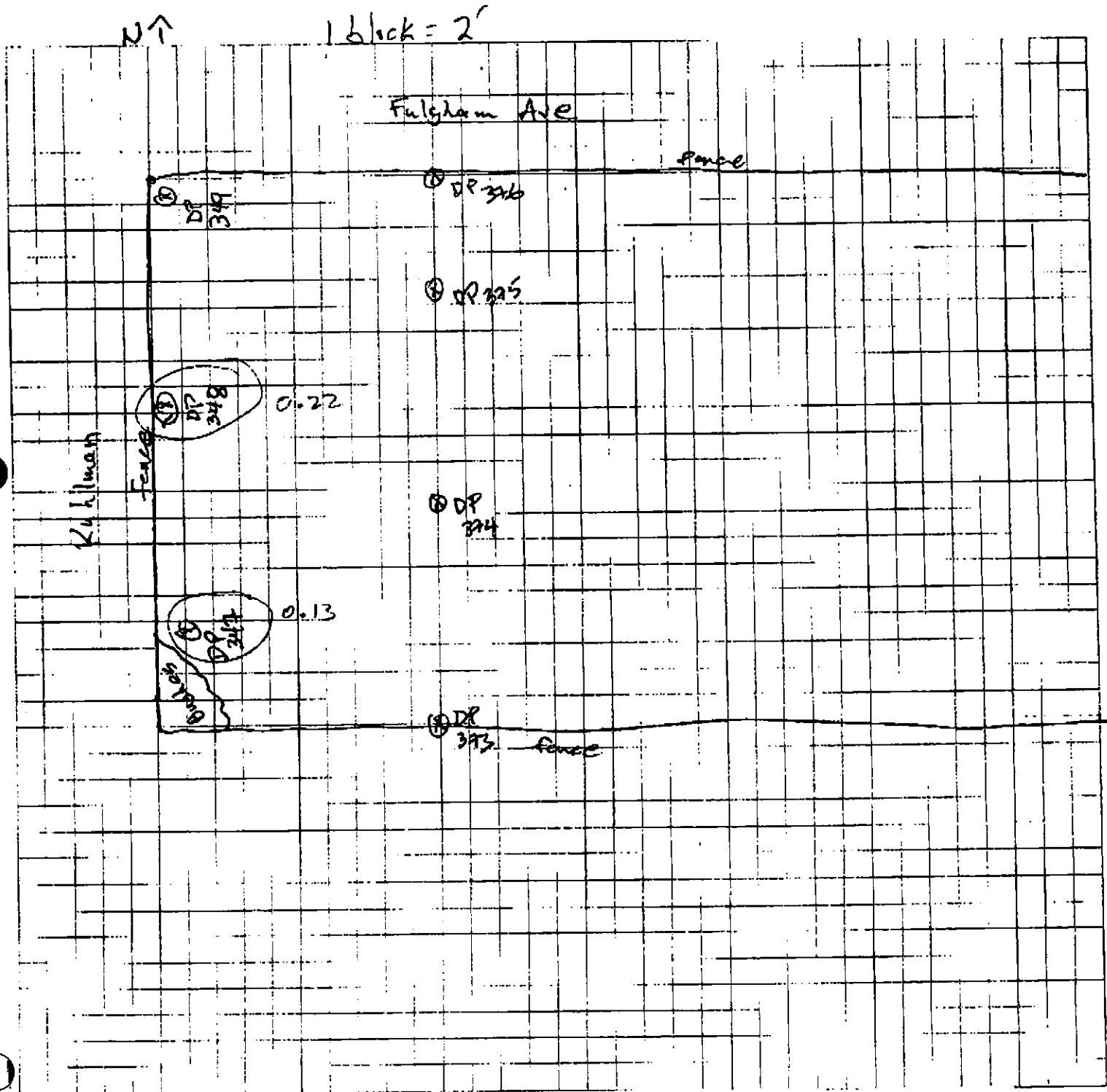
Title: 409 N. Jackson (Army Cooper)

Computed by: DF

Checked by: _____

Date: 8-17-00

Sheet: 8 Of: 11

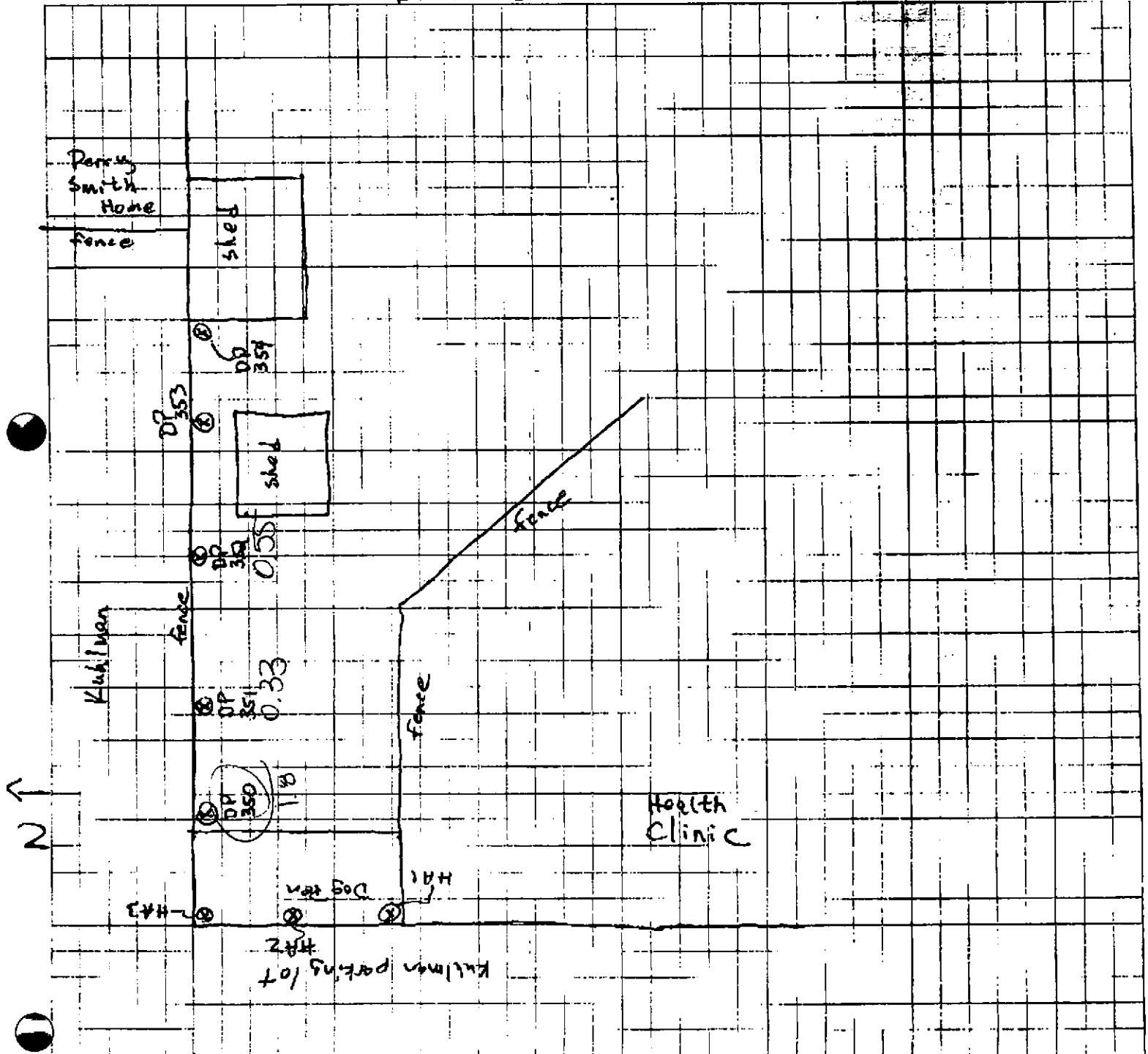




OGDEN

Job Name: Crystal Springs
Job Number: _____
Title: Dabney Home
Computed by: TJE Checked by: it
Date: 8-17-00 Sheet: 9 of 11

1 block = 5'



OGDEN
■■■■■

Job Name:

Crystal Springs

Job Number:

Title:

Wright House

Computed by:

Checked by:

Date:

8-18-60

Sheet:

10

Of:

11

NT

1 block = 4'

Kuhlman

① 4A7

② 4A6

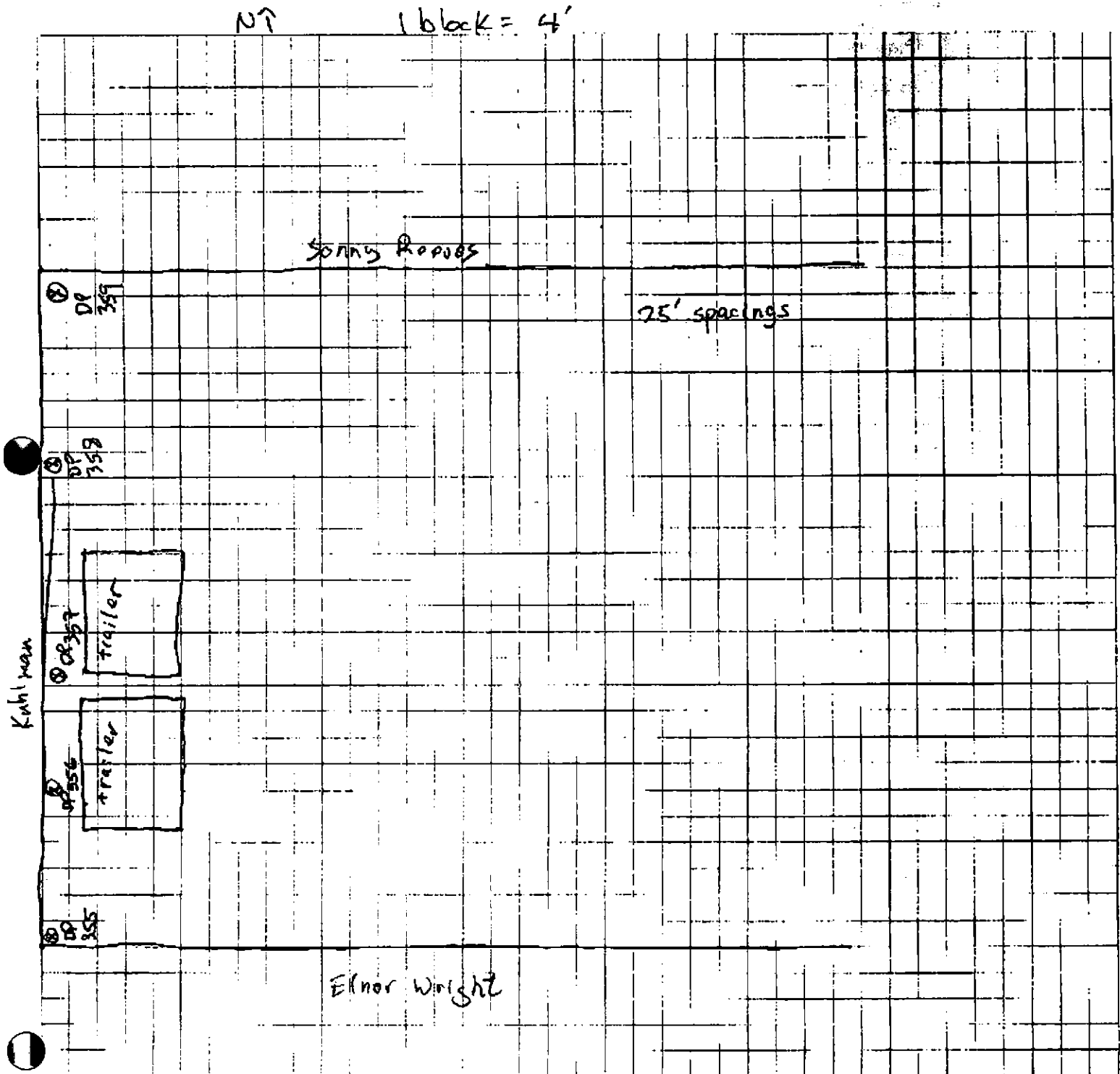
③ 4A5

④ 4A4

Yircager Aerial Property



Job Name: Crystal Springs
 Job Number: _____
 Title: Harold & Suzanne Warren
 Computed by: TJF Checked by: _____
 Date: 8-18-00 Sheet 11 of 11





Job Name: _____
Job Number: _____
Title: _____
Computed by: _____
Date: _____
Checked by: _____
Sheet: _____
Of: _____

FILE COPY

8-17-95

FAX COVER SHEET

To: Anastasia Hamel / Gretchen Zmitrovich

From: Tim Fitzpatrick (704-236-3496)

Total pages including cover sheet: 10

Ms. Hamel & Ms. Zmitrovich:

Following is all data available at this point w/ location maps. As stated, the mobile lab experienced troubles w/ their autosampler last night and as a result they are somewhat behind, but should be able to catch up by tomorrow A.M. - Please call me on my cell phone if I can help any further (number listed above).

Best Regards:

Tim Fitzpatrick
Sr. Environmental Chemist

Sample Tracking Form

Page 2 of 3
Date: Aug 14 2000

Target Analyte	AC Sample Description																								Blank	LCS	MS #30	MSD #30
	PP340	PP350	DP36	311	312	312	313	313	313	314	314	315	315	315	316	316	317	317	318	318	319	319	319	319				
1,3,5-TrCB	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43								
1,2,4-TrCB																												
1,2,3-TrCB																												
1,2,3,5,8,1,2,4,5																												
1,2,3,4-TeCB																												
Penta-CB																												
Hexa-CB																												
PCB as 1260	0.22		4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010	4010				
Surrogate Tetra	101		96	74	111	93	110	107	112	99	134	107	127															
DeBP	115		91	79	103	106	109	114	112	105	128	112	129															
			THA		THA																							
			1260		1260																							

J = Estimate
E = Error
affiliation name

ENT BY: KUHLMAN ELECTRIC CORPORA

- J = Estimated
- E = Excess calibration range

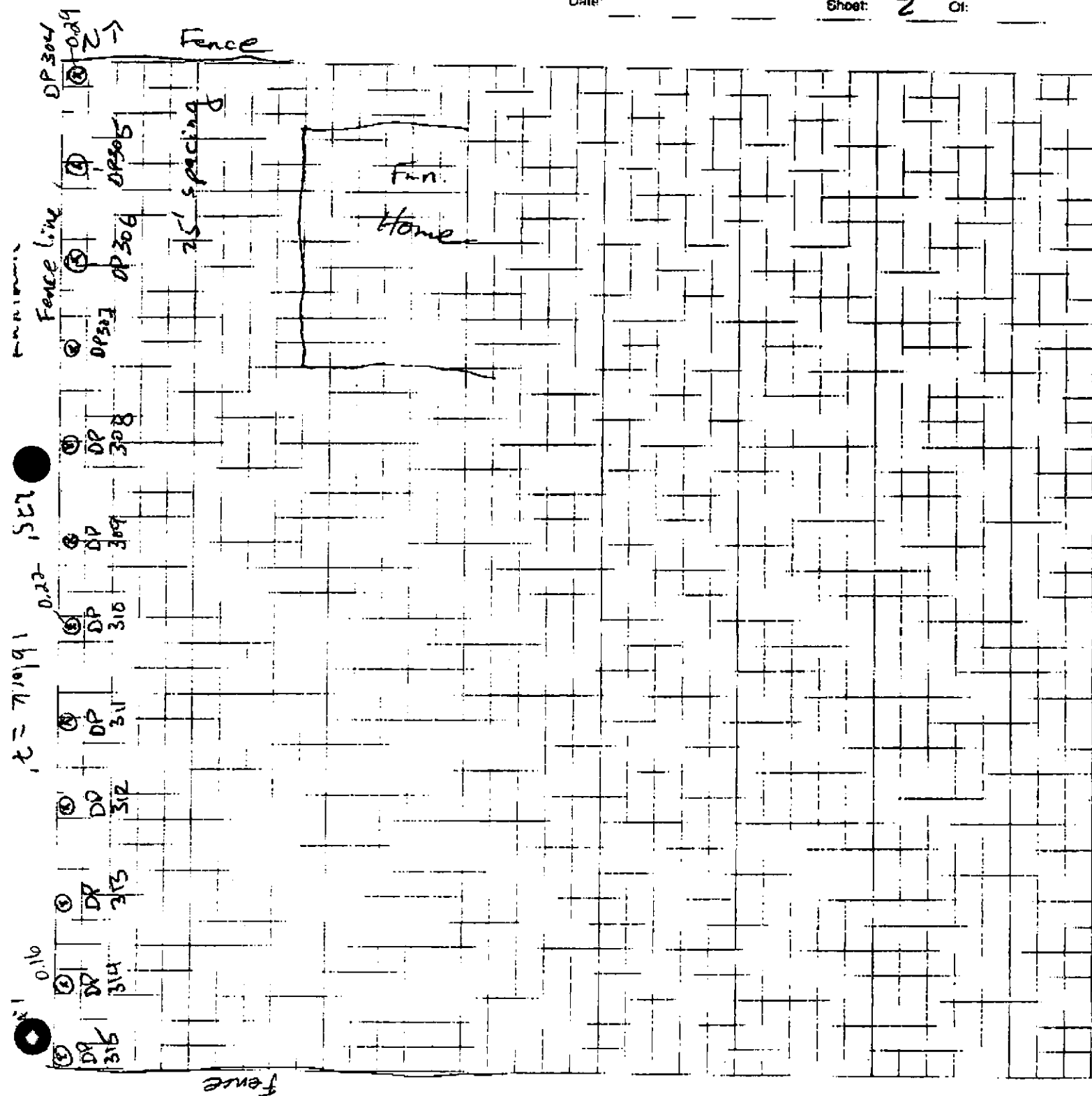
Sample Tracking Form

Page 1 of 1
Date: 16 AUG 00

[illegible]

OGDEN

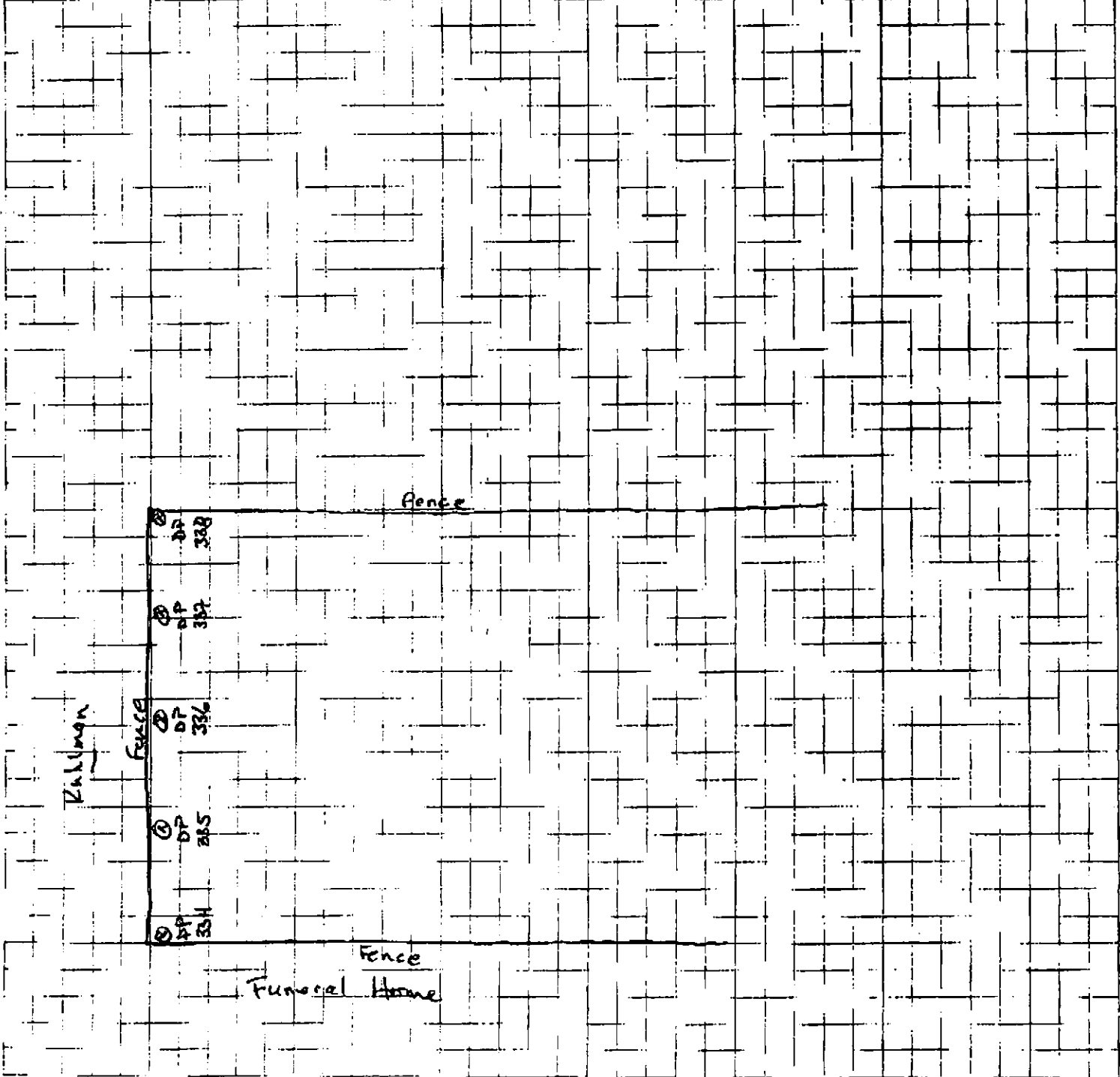
Job Name: Crystal Springs
Job Number: _____
Title: Stringer Funeral Home
Computed by: _____ Checked by: _____
Date: _____ Sheet: 2 Of: _____





Job Name: Crystal Spring S
Job Number: _____
Title: 303 N. Jackson (stringer)
Computed by: _____ Checked by: _____
Date: 8-17-00 Sheet: 6 Of: _____

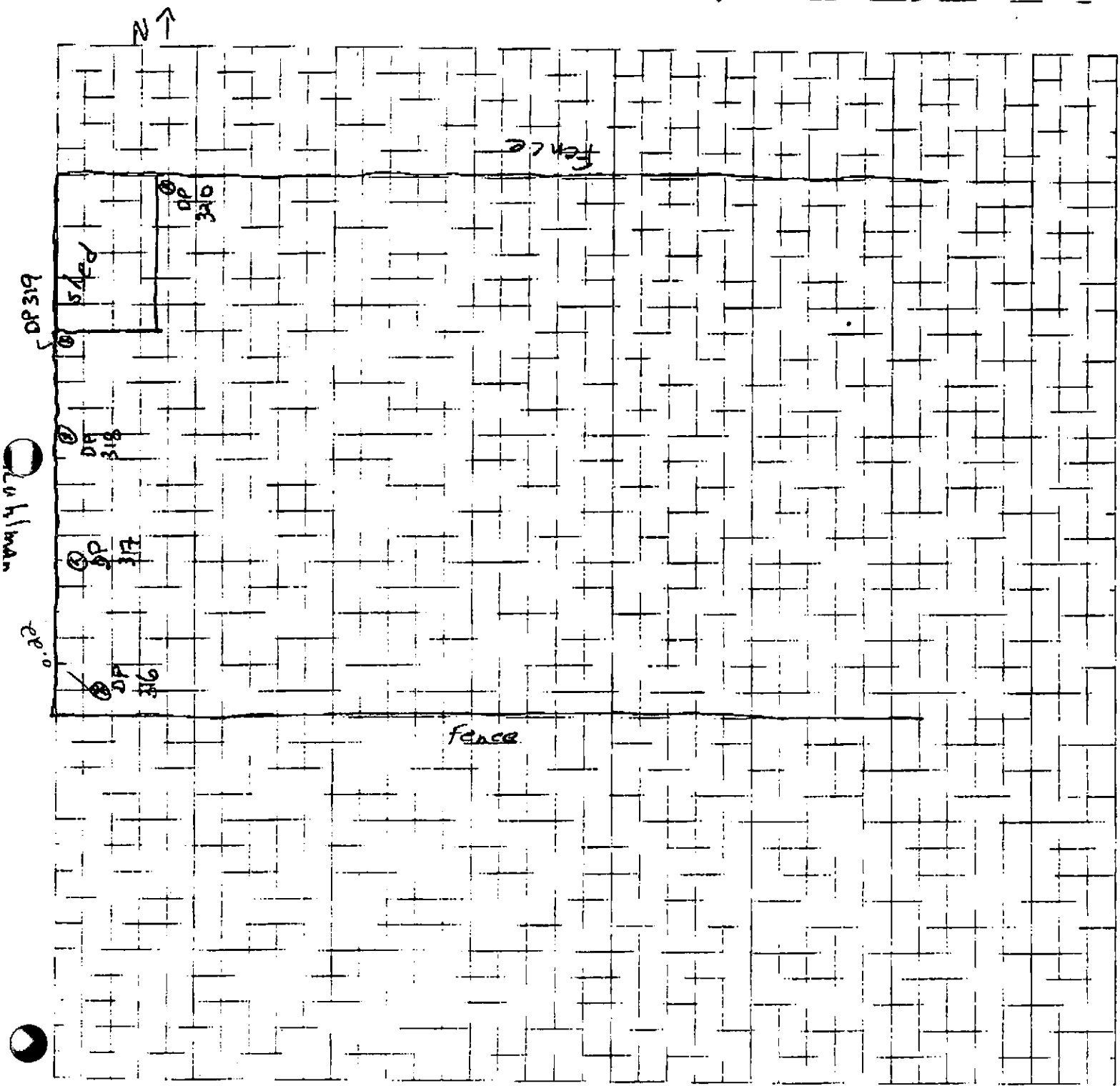
NT 1 block = 5'





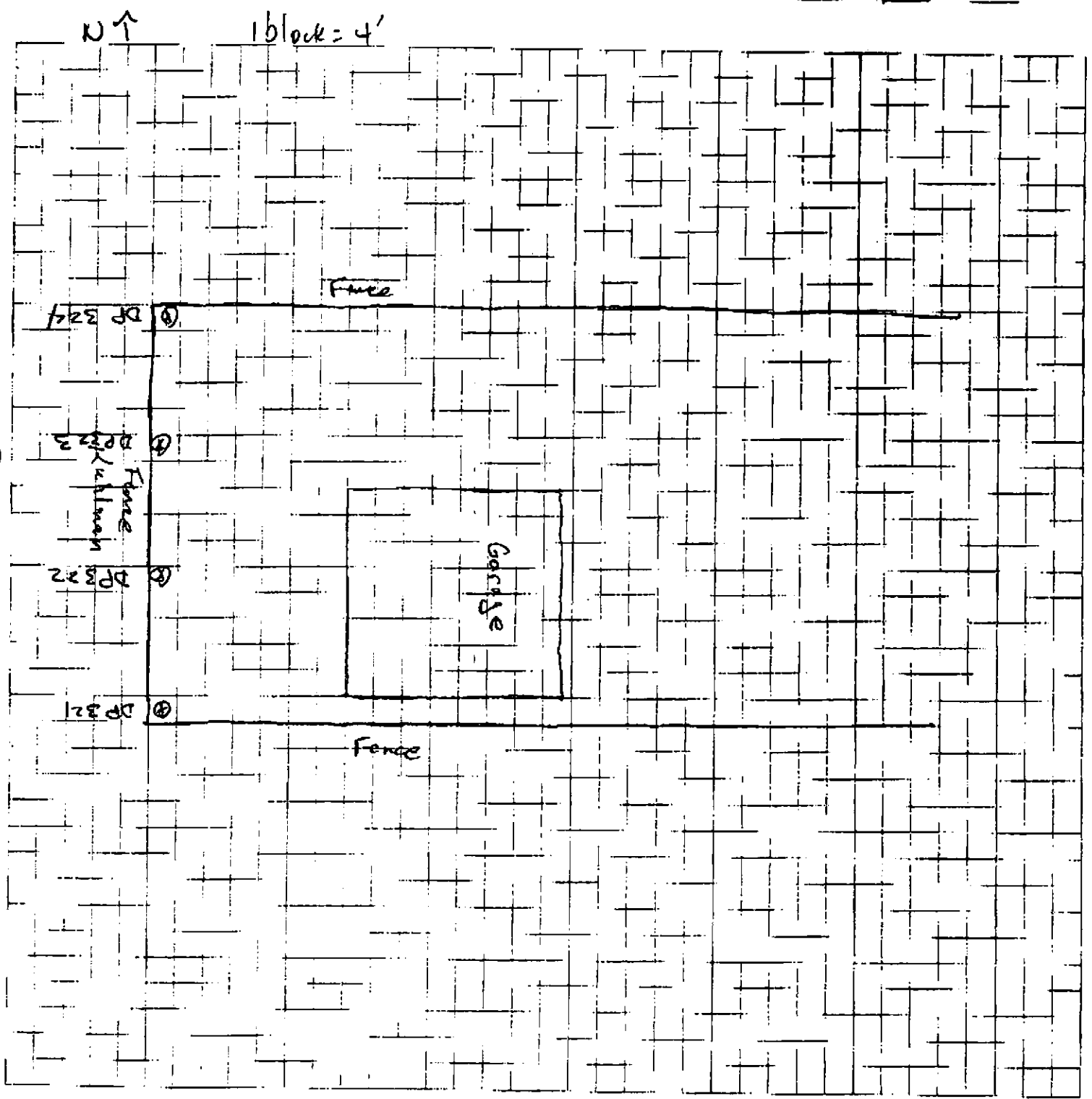
Job Name: Crystal Springs
Job Number: _____
Title: 401 N. Jackson Elnor Wright
Computed by: _____ Checked by: _____
Date: 8-16-2002 Sheet: 3 Of: _____

1 block = 4'



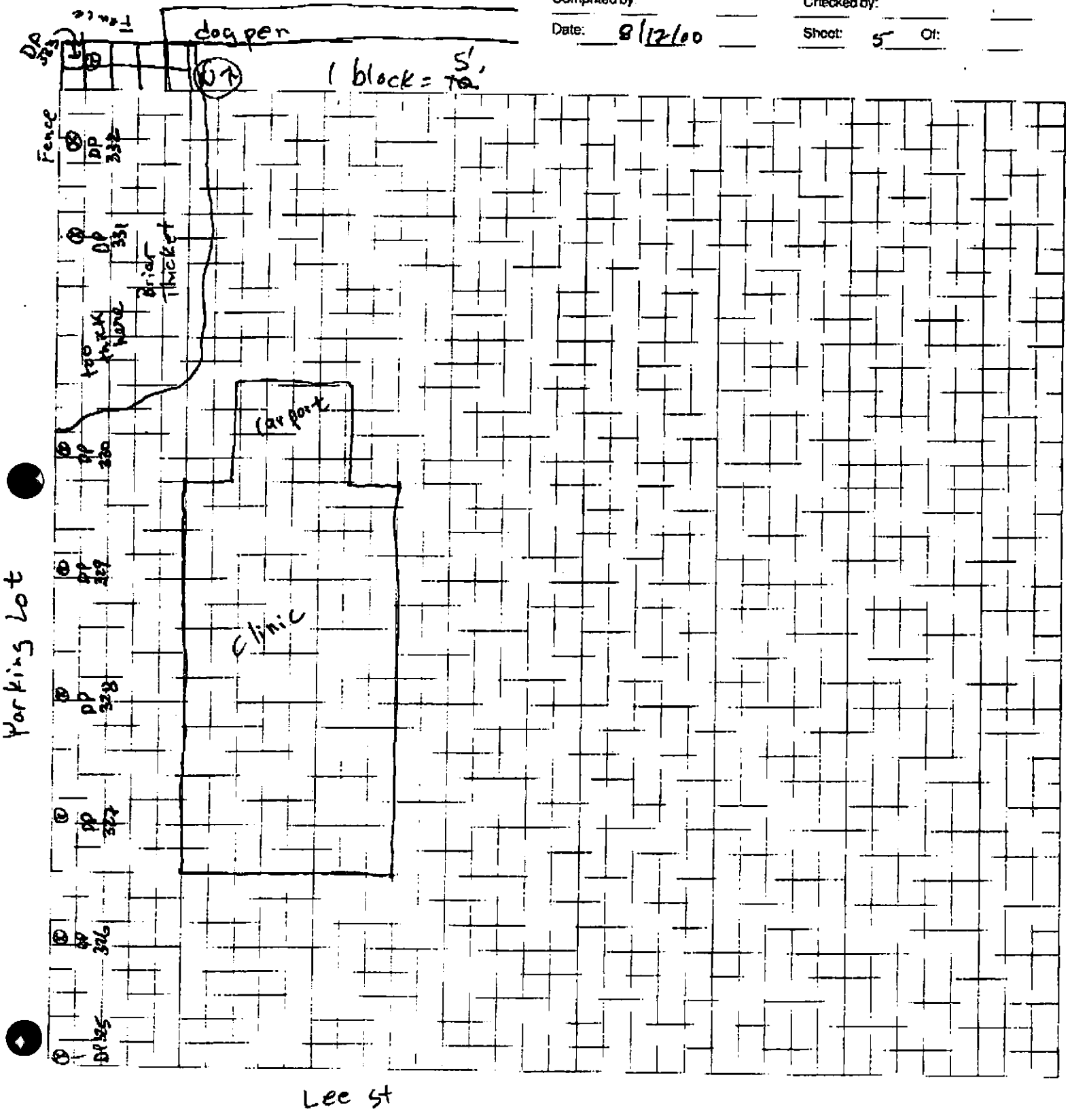


Job Name: Crystal Springs
Job Number: _____
Title: 407 N. Jackson Louis Lang
Computed by: _____ Checked by: _____
Date: 8-16-06 Sheet 4 Of _____





Job Name: Crystal Springs
Job Number: _____
Title: Lee St. Medical
Computed by: _____ Checked by: _____
Date: 8/12/00 Sheet: 5 Of: _____



OGDEN

Job Name: Crystal Springs

Job Number: _____

Title: 219 N. Jackson - Perry Smith

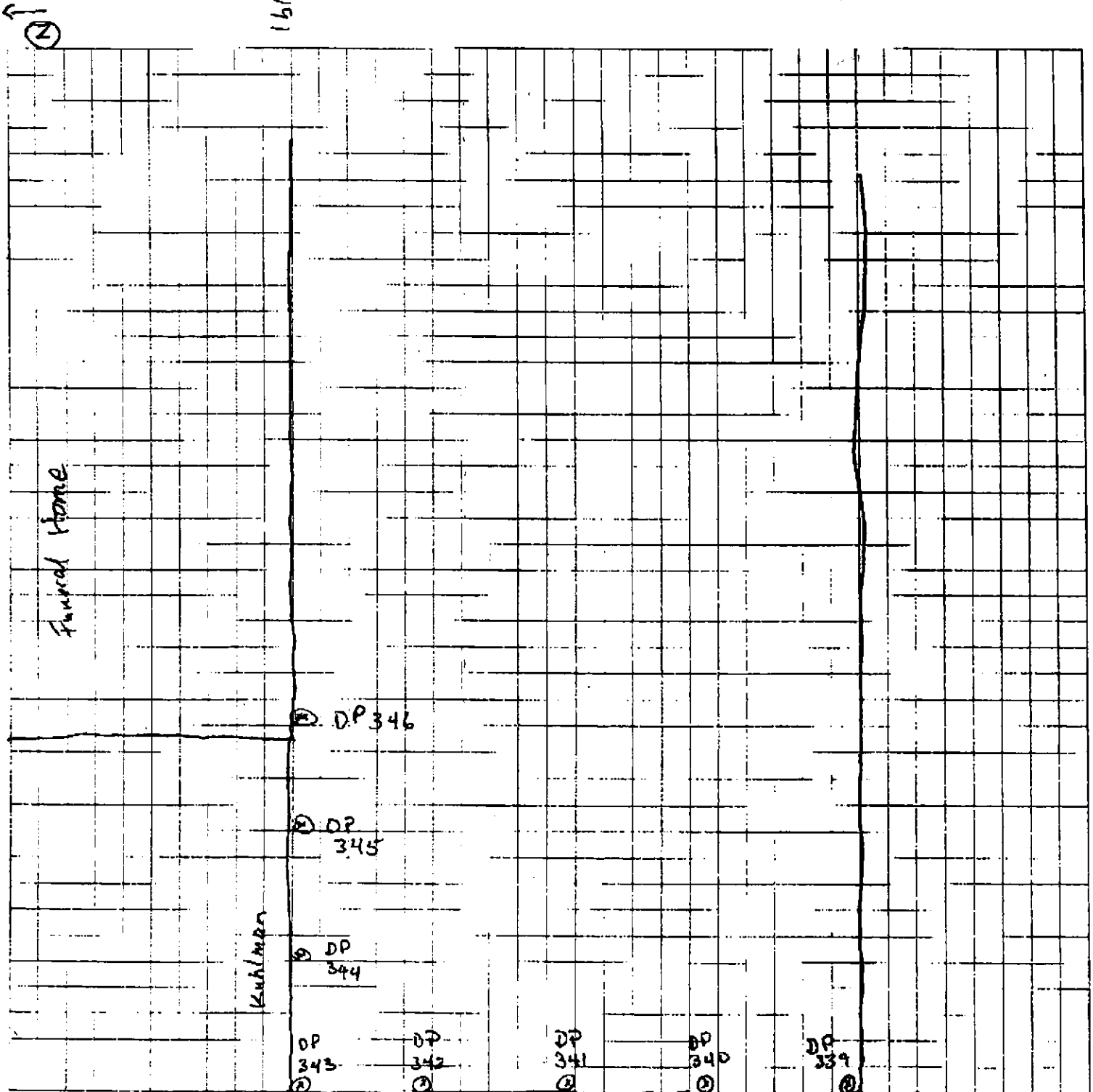
Computed by: TJF

Checked by: _____

Date: 8-17-00

Sheet 7 Of _____

1 block = 5'



Kuhlman



Job Name: Crystal Springs-
Job Number: _____
Title: Spring Reeves backyard 405 Jackson
Computed by: _____ Checked by: _____
Date: 2/16/2000 Sheet: 1 Of: _____

