



Forensic Analytical

BULK SAMPLE REQUEST FOR

CLIENT NAME & ADDRESS:

2921 Chico Unified School District
2455 Carmichael Drive
Chico, CA 95928

PHONE: 916-891-3194
FAX: 916-891-3190

DATE:
4-17-96

Circle the Method and
Turn Around Time

Results Needed:
Fri. 4-19-96
by NOON P.

hr/12hr/24hr/48hr/Ext →

PLM: Standard / Point Count

Gravimetry Prep

CONTACT: Ron Jones

TEM: QUAL. / QUANT. / WATER

P.O.# 96-4623

JOB #

AA/Flame AA/Furnace ICP

SITE: Chico Jr. High - Gym - Roof

METALS:

SAMPLE NUMBER

DATE
COLLECTED

SAMPLE LOCATION/DESCRIPTION

CJH-GYM-7

4-17-96

SE corner of Gym Roof

Note: The roofing is stacked the way
it came off, with white on top,
plastic
Please open carefully to keep intact
analyse by layer

Sampled by: Ron Jones RJ

Date: 4-17-96 Time: 8:30 AM

Relinquished by:

Received By:

Date/Time:

Date/Time:

Sealed Condition (circle one) YES / NO

Relinquished by:

Received By:

Date/Time:

Date/Time:

Sealed Condition (circle one) YES / NO

FORENSIC ANALYTICAL

Page 1 of 2FAX TRANSMISSION
Summary of Results
Polarized Light MicroscopyTo: Chico Unified School DistrictDate/Time: 4/19/96Project :
Report #: 252862Attn: RonSender: L. Wentz

If you do not receive all pages, please contact Sender at (510) 887-8828

C: Chrysotile
A: AmositeCr: Crocidolite
ND: No Asbestos detected
P: Preliminary; subject to review

Sample Number	Asbestos ?	Asb. Type(s)	Notes
CJE-GYM-7	<u>Trace</u>	<u>C</u>	<u>Paint (510) fib. tar (1520)</u> <u># Bulk Complex</u>

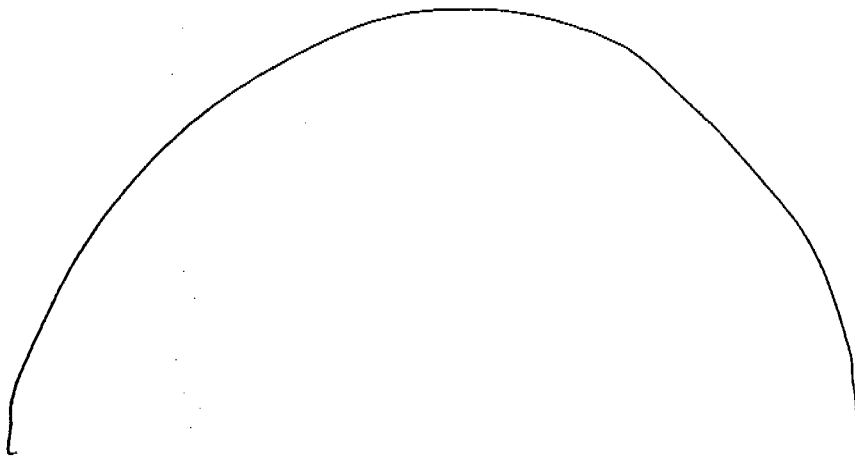
FAXED TO: _____

A hard copy report will follow in the mail. Thank you.

Supervisor Approval: _____

N/D	Comp w gravel	1	ND
N/D	Comp w gravel	2	
N/D	Felt =	3	
N/D	Comp w gravel	4	
5-10.	Silver Paint	5-10%	
15-20.	RAZ...		

Trace





Forensic Analytical
Analytical Report

San Francisco • 3777 Depot Road, Suite 409, Hayward, CA 94545 • Phone 510/887-8828 • Fax 510/887-4218
Los Angeles • 2959 Pacific Commerce Drive, Rancho Dominguez, CA 90221 • Phone 310/763-2374 • Fax 310 763-8684

Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 252862
Date Received: 04/18/96

P.O. Num: 96-4623
Job ID:
Site: Chico Junior High

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
CJH-GYM-7 Black multilayered fibrous felts, tar with gravel, silver paint and black fibrous mastic. Asbestos in paint (5-10%) and in fibrous mastic (15-20%). Composite reported. Bulk complex sample.	19628529	Trace%	40-45%	Chrysotile (Trace%) Cellulose (40-45%)

Patrick E. Little
Patrick E. Little, Optical Laboratory Supervisor, Hayward Laboratory

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full with approval from Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Samples submitted to Forensic Analytical are retained for a period of six months and then disposed of according to all state and federal guidelines.

Chico Junior Gym Roof Project

Asbestos% Sample # CJH-GYM-7

ND Top Layer - Comp Shingle / White

ND Second Layer - Comp Shingle

ND Third Layer - Felt

ND Fourth Layer - Comp Shingle

5-10% Fifth Layer - Aluminum Paint

20% Sixth Layer - Thin Asphalt / Mastic

Trace Composite Result by weight

Phone Results by Patrick Little
of Forensic Analytical on 4-19-96,
Taken by Ron Jones

BUSINESS OFFICE USE

FUND	PROJ	DEPT	PROGRAM	OBJECT	EXP	REST	AMOUNT

BUSINESS OFFICE USE

FUND	PROJ	DEPT	PROGRAM	OBJECT	EXP	REST	AMOUNT
01	62	60	1590	5800	15	800	



Chico Unified School District

1163 East Seventh Street • Chico, CA 95928-5999
 Phone No. (916) 891-3008 • FAX No. (916) 891-3220 • Voice Mail (916) 896-9586
 Federal ID No. 94-1591650

DATE 4/22/96

PURCHASE ORDER NO. 96-4623

3257

Forensic Analytical SPECIALTIES, INC.
 3777 DEPOT ROAD, STE. #409
 HAYWARD, CA 94545

PLEASE SEND 2
INVOICES TO:

Chico Unified School District
 Attn: Accounts Payable
 1163 East Seventh Street
 Chico, CA 95928

SHIP TO:

CUSD SUPPLY DEPARTMENT
 2455 CARMICHAEL DRIVE • CHICO, CA 95928

NET INCREASES OVER \$10 NOT ACCEPTABLE
 CALL PURCHASING (916) 891-3008
 FOR APPROVAL

QUANTITY		DESCRIPTION	UNIT PRICE	TOTAL
RECEIVED	ORDERED			
	16	Analysis of asbestos samples at Chico Junior and Jay Partridge	16.00	256.00
		Please charge to these additional accounts, the following amounts:		
		Chico Junior High - 10-73-51-1942		236.00
		Jay Partridge - 10-73-51-1968		376.00
		Sierra View - 10-73-51-1969		550.00
		Marigold - 10-73-51-1967		532.00
		J. McManus - 10-73-51-1966		64.00
		Hooker Oak - 10-73-51-1965		64.00
		Shasta - 10-73-51-1944		144.00

IMPORTANT INSTRUCTIONS TO VENDOR:

1. All invoices must be itemized and rendered in duplicate.
2. Prepay all shipments. Add transportation charges only if authorized hereon. If transportation charges are allowed freight receipts must be attached to your invoices.
3. Enclose shipping list with all deliveries showing our purchase order number.
4. If you cannot fill this order without delay, notify us at once, indicating your best delivery date.
5. Discounts will be taken when order has been completed and after date of acceptance by the school district.
6. All documents must reference our purchase order number.
7. Do not substitute on, or change this order without our authorization.

TOTAL MERCHANDISE	1966.00
SALES TAX	
SHIPPING	
HANDLING	
TOTAL:	1966.00
TOTAL ORDER	256.00

THIS PURCHASE ORDER NOT VALID UNLESS SIGNED

X

AUTHORIZED AGENT

DELIVERY COPY

3777 Depot Road, Suite 409, Hayward, CA 94545
510/887-8828

** INVOICE **

Page 1

Invoice # 97303
Invoice Date 5/31/96

Federal ID# 94-3018588

Bill To:

Chico Unified School Dist
Attn: Ron Jones
2455 Carmichael Dr
Chico, CA 95928

Ship To:

Chico Unified School Dist
Attn: Ron Jones
2455 Carmichael Dr
Chico, CA 95928

Customer #: 2921

PO: 96-4623

Terms: NET DUE 30 DAYSB#123025

Item	Description PO/Job ID	Report	Qty	Unit	Price	Ext. Price
B1	PLM/Bulk Sample(s) Chico Junior High	253613	5	EA	16.00	80.00
BC1	PLM/Complex Matrix Chico Junior High	253613	2	EA	30.00	60.00
BC1	PLM/Complex Matrix Marigold	253614	14	EA	30.00	420.00
B1	PLM/Bulk Sample(s) Jay Partridge	253618	11	EA	16.00	176.00
BC1	PLM/Complex Matrix Jay Partridge	253618	4	EA	30.00	120.00
B1	PLM/Bulk Sample(s) Sierra View	253619	6	EA	16.00	96.00
BC1	PLM/Complex Matrix Sierra View	253619	13	EA	30.00	390.00
B1	PLM/Bulk Sample(s) Sierra View	253709	4	EA	16.00	64.00
B1	PLM/Bulk Sample(s) McManus	253710	4	EA	16.00	64.00
B1	PLM/Bulk Sample(s) Chico Junior	253711	6	EA	16.00	96.00
B1	PLM/Bulk Sample(s)	253716	4	EA	16.00	64.00

CONTINUED

3777 Depot Road, Suite 409, Hayward, CA 94545
510/887-8828

** INVOICE **

Page 2

Invoice # 97303
Invoice Date 5/31/96

Federal ID# 94-3018588

Bill To:

Chico Unified School Dist
Attn: Ron Jones
2455 Carmichael Dr
Chico, CA 95928

Ship To:

Chico Unified School Dist
Attn: Ron Jones
2455 Carmichael Dr
Chico, CA 95928

Customer #: 2921

PO: 96-4623

Terms: NET DUE 30 DAYSB#123025

Item	Description PO/Job ID	Report	Qty	Unit	Price	Ext. Price
------	--------------------------	--------	-----	------	-------	------------

Hooker Oak

B1	PLM/Bulk Sample(s) Jay Partridge	253717	5	EA	16.00	80.00
B1	PLM/Bulk Sample(s) Marigold	253718	7	EA	16.00	112.00
B1	PLM/Bulk Sample(s) Shasta School	254185	9	EA	16.00	144.00

Sub Total 1,966.00

Total Due 1,966.00



Forensic Analytical

FAX TRANSMISSION

DATE: 6/3/96 TIME OUT: _____
TO: Bon
COMPANY: Chico Unified School District
FROM: Cathy Houston

This facsimile is from FORENSIC ANALYTICAL SPECIALTIES, INC., of Hayward, California.

A total of 3 pages, including this cover sheet, are being sent. If you do not receive all pages indicated, please contact the undersigned at 1-800-827-FASI.

MESSAGE: Invoice #97303 Hooker Oak
10-73-51-1965
✓ CJHS 10-73-51-1942
✓ Marigold 10-73-51-1967
✓ Partridge 10-73-51-1968
✓ Sierra View 10-73-51-1969
✓ McManus 10-73-51-1966
✓ Shosta 10-73-51-1944

Person Transmitting Facsimile: Cathy

FAX Number Called: (916) 891-3190

FAX Reply Number: (510) 887-4218

3777 Depot Road, Suite 409, Hayward, CA 94545 Telephone: 800/827-FASI Fax: 510/887-4218



Forensic Analytical Specialties, Inc.

3777 Depot Road, Suite 409, Hayward, CA 94545
510/887-8828

** INVOICE **

Page 1

Federal ID# 94-3018588

Invoice # 95887
Invoice Date 4/30/96

Bill To:

Chico Unified School Dist
Attn: Ron Jones
2455 Carmichael Dr
Chico, CA 95928

Ship To:

Chico Unified School Dist
Attn: Ron Jones
2455 Carmichael Dr
Chico, CA 95928

Customer #: 2921

PO: 96-4623

Terms: NET DUE 30 DAYSB# 70251

Item	Description PO/Job ID	Report	Qty	Unit	Price	Ext. Price
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Job ID:
Chico Junior High

BC1	PLM/Complex Matrix	252862	1	EA	30.00	30.00
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Charge to: 10-73-51-1942

PO 96-4623

Sub Total 30.00

Total Due 30.00

ASBESTOS ABATEMENT PROJECT
HMS # C744
SCOPE OF WORK

CHICO UNIFIED SCHOOL DISTRICT

CHICO JUNIOR HIGH SCHOOL
GYMNASIUM ROOF
280 MEMORIAL WAY
CHICO, CA 95926

ADVERTISE: ???

BIDWALK: ???

BID SUBMITTAL: ???

BOARD AGENDA: ???

BOARD APPROVAL: ???

PRE-START MEETING: To be arranged between Owner, HMS, Inc. and Contractor.

START DATE: June 10, 1996, or July 15, 1996 ???

FINAL COMPLETION
DATES: Three calendar days.

CONTACTS: CHICO UNIFIED SCHOOL DISTRICT
Ms. Mary Leary, Facilities Planner/Construction Supervisor (916) 891-3218;
FAX (916) 891-3220
Mr. Rob Peters, Project Manager (916) 891-3095; FAX (916) 891-3190

PREPARED BY: HAZARD MANAGEMENT SERVICES, INC.
Chris Gerber
Asbestos Consultant #94-1572
May 13, 1996
(916) 723-4350; FAX (916) 723-6917

Rob/Mary, Please review the above dates for proper scheduling, ponder the following questions and reply A.S.A.P..

Thanks, Chris Gerber (916) 723-4350

Is night work possible?
Are special permits needed for night work?
Is day work possible due to school occupancy factors?
Will the gym be out of use during the project? It would be desirable.

Overview:

This project involves removal of the top two roofing systems from the gymnasium, which currently has three roofing systems and is about 12,500 square feet.

The top two roofs do not contain asbestos, but are installed over the original roof which is coated with an asbestos containing silver paint: 3 - 8% Chrysotile.

The project is to be conducted by an asbestos contractor, as it is expected that disturbance of the asbestos containing silver paint will be unavoidable.

The contractor is to remove the top two roofs, leaving the original roof intact and reasonably undamaged.

Installation of a new roof membrane is not included in this contract.

Materials and Locations:

The roof is a curved pitch roof. Near the top of the roof the pitch is virtually flat. Near the sides of the roof the pitch is virtually vertical.

The flat pitch top area of the roof is built-up roofing. The steeper side areas are composition shingle.

Substratum:

For purposes of this contract the substrate should be considered the original roof membrane. The original roof membrane is two or three layers of tar and felt with a rolled mineral cap sheet and coated with silver paint. The roof sheathing structure is 1" x 6" wood on diagonal.

Precleaning - Preparation of Area:

No precleaning is required in the abatement area.

Abatement Procedures:

All work shall be in compliance with all federal, state and local regulations and the contract specifications.

The actual roofing to be removed is non-asbestos containing; however, because there will be significant disturbance of the asbestos containing silver paint substrate, the project shall be conducted from the beginning as an OSHA Class II asbestos work activity and according to the attached "Roofing Abatement Specifications". This includes the use of respiratory protection, personal protective clothing, decontamination facilities, and wet removal methods to the extent that such wet methods will not create a safety hazard.

After the first work-shift, and review of the contractor's personal air monitoring data, work methods, procedures, and other conditions, the HMS, Inc. project manager may give the contractor the option to downgrade the worker protection, and removal method requirements.

All flashings and gutters are to remain.

Following all abatement of the roofing materials, the contractor shall flush the gutters and down spouts with water, or HEPA vacuum all silver paint debris. All water shall be collected and disposed, or filtered in accordance with the General Requirements.

Electricity/Water:

Electricity and water shall be supplied by the District. Any modifications for hook-ups shall be the responsibility of the contractor.

Safety & Fall Protection:

The contractor is responsible for fall protection of workers while on the roof. Safety harness' and lanyards shall be used in accordance with Cal/OSHA Title 8 requirements. The contractor shall provide information to the project manager of the fall protection measures that will be used, and followed by employees, during the pre-start meeting.

Dumpster Location:

The contractor shall place the dumpster in a location agreeable with the School District and shall be decided at the pre-start meeting. The probable location of the dumpster would be at the west side of the building. The contractor shall be responsible for laying plywood material to distribute the weight of the dumpster.

The contractor is responsible for all damage to concrete, asphalt, sprinklers, grass, planted areas, and other property, from his/her equipment during the course of the project.

Disposal Requirements:

Although a small percentage of the asbestos containing silver paint will be mixed-in with the removed roofing layers, the waste roofing material may be disposed as a non-hazardous waste in a landfill that is permitted to accept non-friable, non-hazardous asbestos roofing material.

If in the opinion of the HMS, Inc. project manager the roofing material becomes mixed with a substantial quantity of friable asbestos containing material during removal, it shall be disposed of in a permitted landfill for friable asbestos waste.

DOP Testing:

At minimum, the contractor shall maintain a HEPA vacuum cleaner onsite, the following requirements shall be met:

DOP (or equivalent) testing of all HEPA systems, including vacuums and air filtration devices, is required to be performed by an independent company prior to using any equipment at any of the school sites and whenever a HEPA filter is changed. The testing procedure shall be conducted at the work site and must challenge the following: around the HEPA filter/air filtration device seal, the HEPA filter, all seams associated with the construction of the HEPA filtered system, and all other possible penetration points, including, but not limited to, the electrical panel and all components, rivets, screws, wheels, etc.

Testing shall be scheduled for the first work-shift, such that HMS, Inc. will be present to observe the testing procedure. Testing done in absence of HMS, Inc. may be rejected and HMS, Inc. reserves the right to reject the contractor's equipment if there is significant leakage detected at any location on the HEPA filtered equipment.

All DOP testing shall be performed outside of buildings, with the exhaust directed away from persons, buildings, doorways, windows, and intakes to ventilation systems.

Notification:

Notifications to all agencies shall be the responsibility of the contractor.

Equipment Brought On-site:

The contractor is responsible for bringing clean equipment on-site and will include all air filtration devices (AFD's), HEPA vacuums, showers, tools, scaffolding, man-lifts, etc. HMS, Inc. reserves the right to refuse equipment brought to the job-site with suspect debris. Rental equipment such as waste disposal bins, scaffolding, and man-lifts and other equipment shall be cleaned prior to being brought on the job site. If equipment is brought on-site dirty, the contractor is responsible for any costs associated with bulk analysis of debris, and down time during analysis.

Liquidated Damages:

Liquidated damages in the amount of \$600.00 per calendar day shall be levied for any contract work not completed by the scheduled completion dates.

Work Hours and Schedule:

Intended work hours and a project schedule must be submitted and approved by HMS, Inc. and the District upon awarding the contract. Regular work periods shall be 6:00 am to 3:00 pm Monday through Friday. Any work outside of these periods must be approved in advance by the Project Manager, a minimum forty-eight hour prior notice is required.

Bidding Documents:

The contractor is responsible for complying with all Federal, State, and Local laws in addition to the "Scope of Work", "Bidding Requirements", and "Roofing Abatement Specifications" included as part of the contract documents.

Bidding, Payment, and Performance Bonds:

Required per Bidding Requirements. The Bid Bond or certified check amount shall be based on the basebid amount.

Attachments:

Roofing Abatement Specifications
Bid, Pre-start & Post Job Submittal Checklist
Work Area Diagrams
Bidding Requirements
Laboratory Report for Bulk Analysis

c:\wp61\clients\Chico.USD\CT44.SOW

HAZARD MANAGEMENT SERVICES, INC.
P.O. BOX 7548
CITRUS HEIGHTS, CA 95621
(916) 723-4350 OFFICE
(916) 723-6917 FAX

FACSIMILE TRANSMITTAL	
TO	CHICO USD
ATTENTION	ROB PETERS
FROM	CHRIS GERBER
DATE & TIME	3:15 PM 5/13/96
FAX NUMBER	891-3190
NO. OF PAGES	5 INCLUDING COVER

DRAFT SCOPE OF WORK FOR CHICO JR. HIGH SCHOOL



Forensic Analytical

BULK SAMPLE REQUEST FOR

CLIENT NAME & ADDRESS:

2921 Chico Unified School District
2455 Carmichael Drive
Chico, CA 95928

PHONE: 916-891-3194
FAX: 916-891-3190

DATE:
4-17-96

Circle the Method and
Turn Around Time

Results Needed:
Fri. 4-19-96
by NOON F

1 hr/12hr/24hr/48hr/Ext

PLM: Standard / Point Count

Gravimetry Prep

CONTACT: Ron Jones

TEM: QUAL / QUANT. / WATER

P.O.# 96-4623

JOB #

AA/Flame AA/Furnace ICP

SITE: Chico Jr. High - Gym - Roof

METALS:

SAMPLE NUMBER

DATE
COLLECTED

SAMPLE LOCATION/DESCRIPTION

CJH-Gym-7

4-17-96

SE corner of Gym Roof

Note: The roofing is stacked the way
it came off, with white on top.

Please open ^{plastic} carefully to keep intact
analyse by layer

Sampled by: Ron Jones RJ

Date: 4-17-96 Time: 8:30 AM

Relinquished by:

Received By: *[Signature]*

Date/Time:

Date/Time:

Sealed Condition (circle one) YES / NO

Relinquished by:

Received By:

Date/Time:

Date/Time:

Sealed Condition (circle one) YES / NO

Hazard Management Services, Inc. Bulk Sample Analysis Request Form

AHRA THREE YEAR REINSPECTION SAMPLES

Please Send Results To: P.O. Box 576848 Modesto, CA 95357-6848

Samples Collected by: Michael Sharp on 04/14/92

Client: Chico Unified S.D. Site: Chico Junior High

Turn Around Time: Extended, Results Needed By April 30th, if possible.

Sample Number	Material	Location
HMS-CUSD-CJH -76A	Drywall	Gym Chair Storage From directly above light switch.
Result: None Detected		
HMS-CUSD-CJH -76B	Drywall	Gym RR Hall south wall
Result: None Detected		
HMS-CUSD-CJH -76C	Drywall	Gym RR hall North Wall.
Result: None Detected.		



Forensic Analytical
Analytical Report

San Francisco • 3777 Depot Road, Suite 409, Hayward, CA 94545 • Phone 510/887-8828 • Fax 510/887-4218
Los Angeles • 2959 Pacific Commerce Drive, Rancho Dominguez, CA 90221 • Phone 310/763-2374 • Fax 310 763 8084

Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 253711
Date Received: 05/10/96

P.O. Num: 96-4623
Job ID:
Site: Chico Junior High - Wings A,K,L & M

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
Gross Description/Comments				
CJH-A-001C White plaster.	19634063	Non-Det. %	1-5%	Cellulose (1-5%)
CJH-K-002C Tan fibrous material with paint.	19634064	Non-Det. %	95-99%	Cellulose (95-99%)
K-003C Tan fibrous material with paint.	19634065	Non-Det. %	95-99%	Cellulose (95-99%)
CJH-L-004C Tan fibrous material with paint.	19634066	Non-Det. %	95-99%	Cellulose (95-99%)
CJH-L-005C Tan fibrous material with paint.	19634067	Non-Det. %	95-99%	Cellulose (95-99%)
CJH-L-006C Tan fibrous material with paint.	19634068	Non-Det. %	95-99%	Cellulose (95-99%)

David Kahane, C.I.H., Laboratory Director, Hayward Laboratory

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full with approval from Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Samples submitted to Forensic Analytical are retained for a period of six months and then disposed of according to all state and federal guidelines.



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CLIENT NAME & ADDRESS:

2921 Chico Unified School District
2455 Carmichael Drive
Chico, CA 95928

PHONE: 916-891-3194
FAX 916-891-3190

DATE: 5-8-96

Circle the Method and
Turn Around Time

Results Needed:
MON. NOON

____ hr/12hr/24hr/48hr/Ext

May 13, 1996

PLM: Standard Point Count

Gravimetry Prep

CONTACT: Ron Jones

TEM: QUAL / QUANT. / WATER

P.O.# 96-4623

JOB #

AA/Flame AA/Furnace ICP

SITE: Chico Junior A, K, L & M wings

METALS:

SAMPLE NUMBER

DATE
COLLECTED

SAMPLE LOCATION/DESCRIPTION

CJH-A-001C 5-7-96 Kitchen Hall (Rear) Ceiling Plaster

CJH-K-002C " Room 205 ACT

CJH-K-003C " Room 209 ACT

CJH-L-004C " Room 301 ACT

CJH-L-005C " Room 305 ACT

CJH-L-006C " Room 401 ACT

Sampled by: Ron Jones

Date: 5-7-96 Time: 10AM

Relinquished by: R Jones

Received By: *[Signature]*

Date/Time: 5-8-96

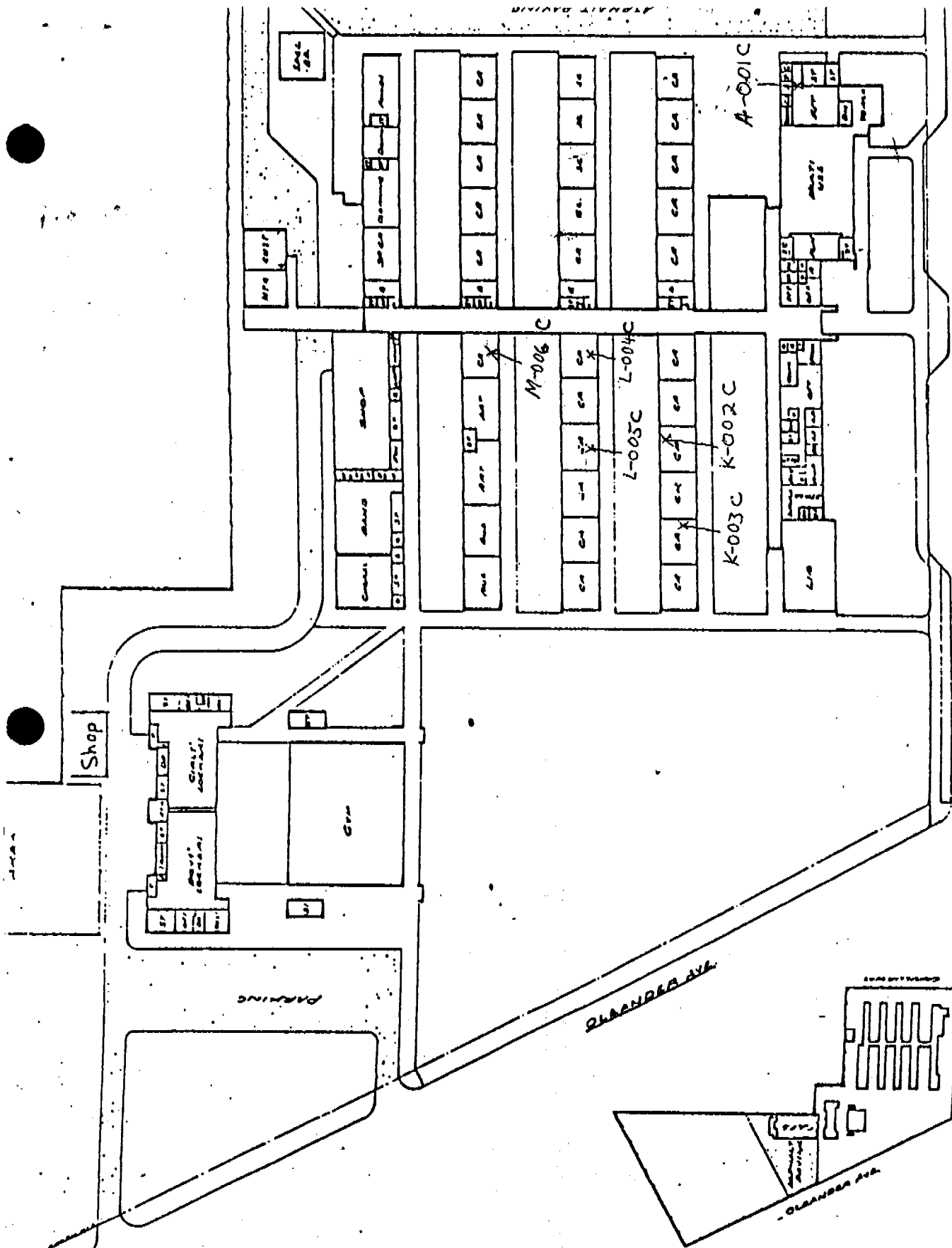
Date/Time: 5/8/96
Sealed Condition (circle one) YES / NO

Relinquished by:

Received By:

Date/Time:

Date/Time:
Sealed Condition (circle one) YES / NO



MEMORIAL WAY
 Ceilings
 CHICO JUNIOR HIGH SCHOOL
 Scale: 1" = 20'-0"
 TOTAL BLOC. AREA 68,332 SQ. FT.

SITE PLAN
 Scale: 1" = 20'-0"



Forensic Analytical

Analytical Report

San Francisco • 3777 Depot Road, Suite 409, Hayward, CA 94545 • Phone 510/887-8828 • Fax 510/887-4218

Los Angeles • 2959 Pacific Commerce Drive, Rancho Dominguez, CA 90221 • Phone 310/763-2374 • Fax 310 763-8684

Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:

Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 253716
Date Received: 05/10/96

P.O. Num: 96-4623

Job ID:

Site: Hooker Oak - Wing D

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
Gross Description/Comments				
H.O.-D-001C Tan fibrous material with paint.	19634083	Non-Det. %	95-99%	Cellulose (95-99%)
H.O.-D-002C Tan fibrous material with paint.	19634084	Non-Det. %	95-99%	Cellulose (95-99%)
H.O.-D-003C Tan fibrous material with paint.	19634085	Non-Det. %	95-99%	Cellulose (95-99%)
H.O.-D-004C Tan fibrous material with paint.	19634086	Non-Det. %	95-99%	Cellulose (95-99%)

David Kahane, C.I.H., Laboratory Director, Hayward Laboratory

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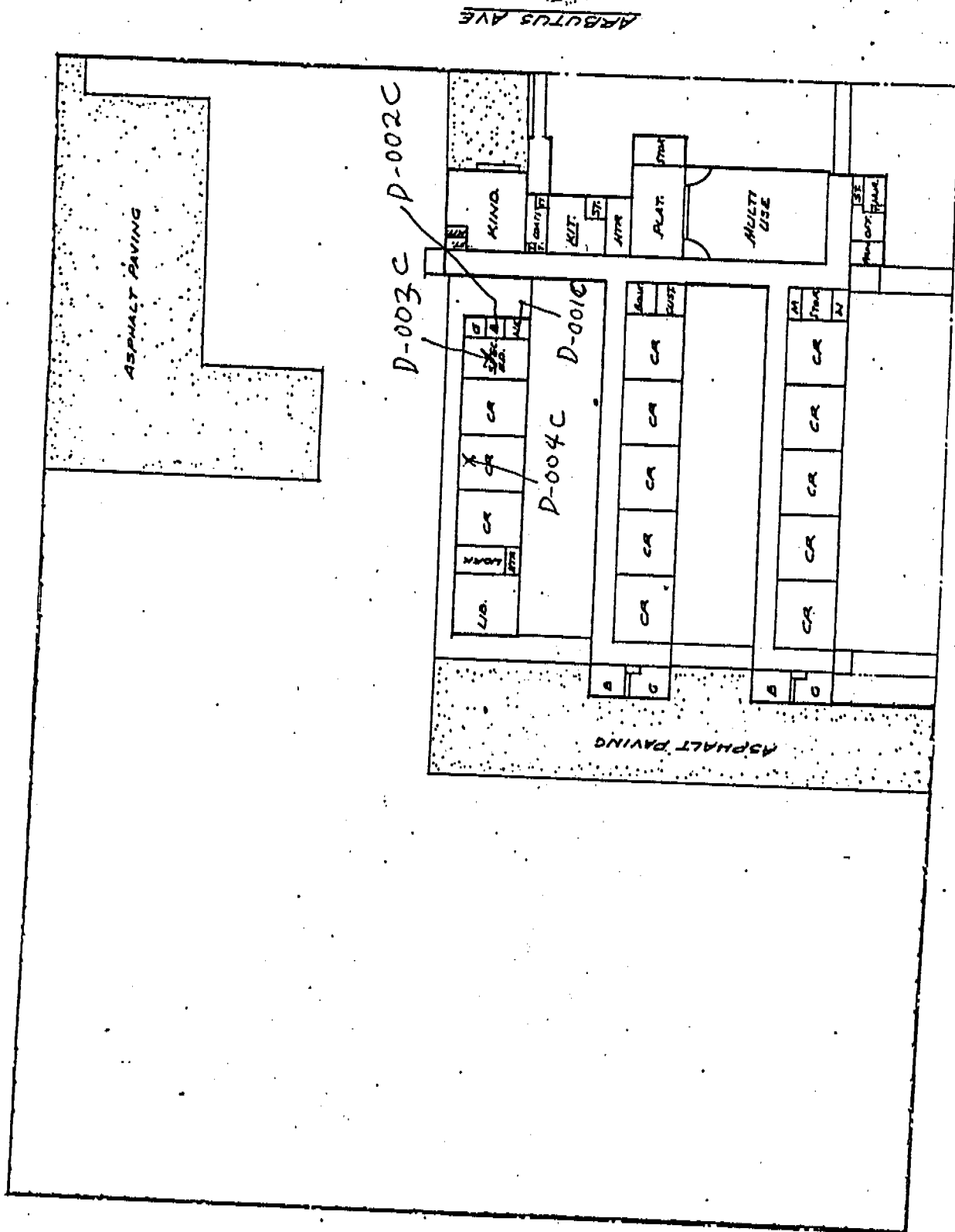
Forensic Analytical

BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2921 Chico Unified School District 2455 Carmichael Drive Chico, CA 95928		PHONE: 916-891-3194 FAX: 916-891-3190	DATE: 5-8-96
		Circle the Method and Turn Around Time ____ hr/12hr/24hr/48hr/Ext	Results Needed: MON. NOON 5-13-96 FAX
		PLM <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Point Count	Gravimetry Prep
		CONTACT: Ron Jones	
P.O.# 96-4623	JOB #	TEM: QUAL. / QUANT. / WATER	
SITE: Hooker Oak D-Wing		AA/Flame AA/Furnace ICP	
		METALS:	

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
H.O.-D-001C	5-8-96	Room by SE - TOC
H.O.-D-002C	"	Boys RR ACT
H.O.-D-003C	"	SE Room ACT
H.O.-D-004C	"	Middle Class-room ACT

Sampled by: Ron Jones	Date: 5-8-96 Time: 10:00 AM
Relinquished by: [Signature]	Received By: [Signature]
Date/Time: 5-8-96	Date/Time: [Signature]
Relinquished by: [Signature]	Received By: [Signature]
Date/Time:	Date/Time:
	Sealed Condition (circle one) YES / NO
	Sealed Condition (circle one) YES / NO



THIRD AVENUE
 Cellings
 HOOKER OAK SCHOOL
 Scale 1" = 10'-0"
 BUILD. AREA 33,068.50 FT.





Forensic Analytical

Analytical Report

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Los Angeles • 2959 Pacific Commerce Drive, Rancho Dominguez, CA 90221 • Phone 310/763-2374 • Fax 310/763-8684

Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 253613
Date Received: 05/08/96

P.O. Num:
Job ID: 96-4623
Site: Chico Junior High - Wing A

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
Gross Description/Comments				
A-001 Black fibrous roofing material.	19633574	Non-Det. %	20-25%	Cellulose (1-5%) Fibrous Glass (15-20%)
A-002 Black fibrous roofing material.	19633575	Non-Det. %	25-30%	Cellulose (5-10%) Fibrous Glass (15-20%)
A-003 Multilayered black fibrous roofing material. Bulk complex sample.	19633576	Non-Det. %	25-30%	Cellulose (5-10%) Fibrous Glass (15-20%)
A-004 Multilayered black fibrous roofing material. Bulk complex sample.	19633577	Non-Det. %	50-55%	Cellulose (40-45%) Fibrous Glass (5-10%)
A-005 Black fibrous roofing material.	19633578	Non-Det. %	30-35%	Cellulose (30-35%)
A-006 Black fibrous roofing material.	19633579	Non-Det. %	25-30%	Cellulose (25-30%)
A-007 Black fibrous roofing material.	19633580	Non-Det. %	30-35%	Cellulose (25-30%) Fibrous Glass (1-5%)

David Kabane, C.I.H., Laboratory Director, Hayward Laboratory

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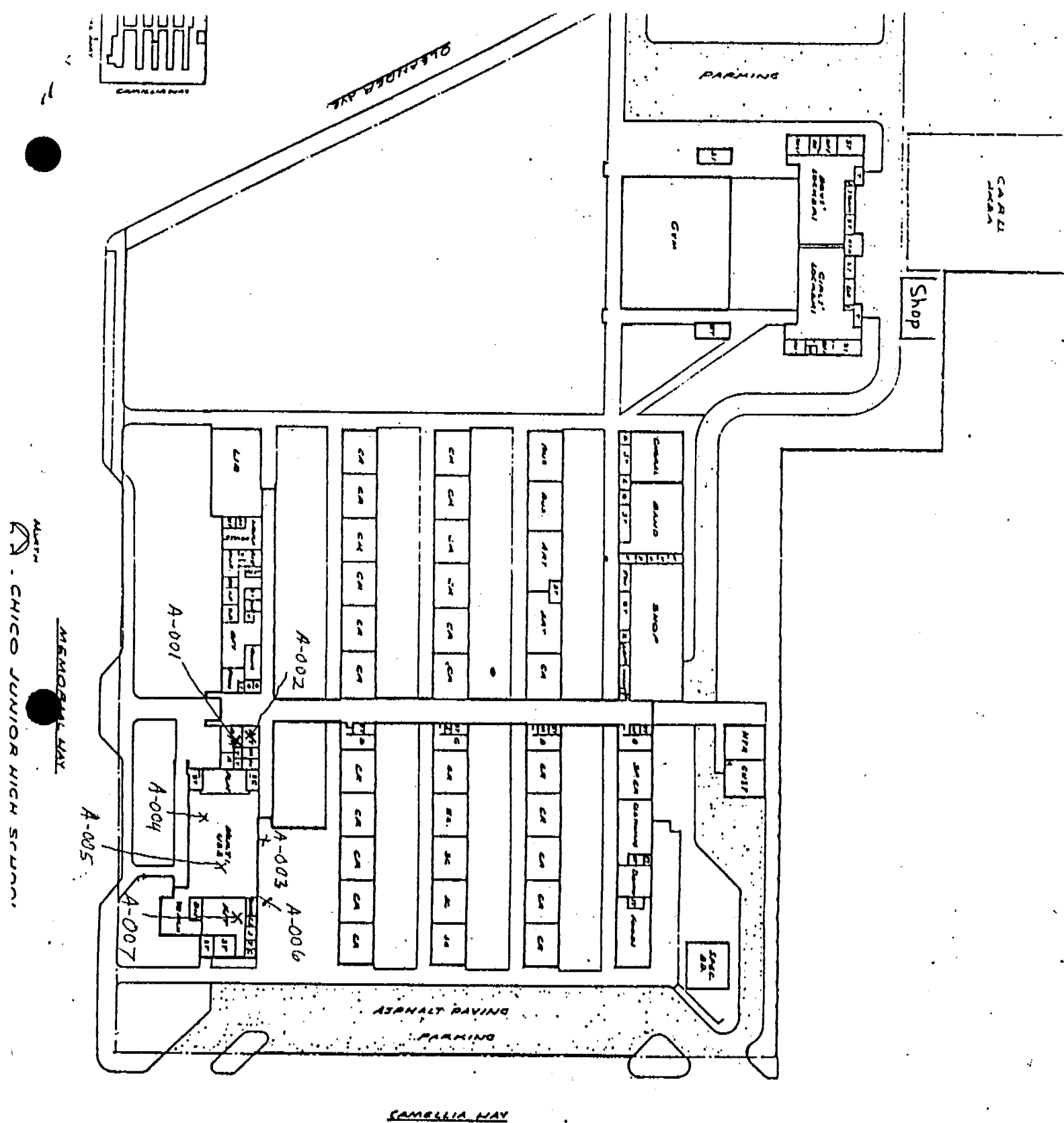
Forensic Analytical

BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2921 Chico Unified School District 2455 Carmichael Drive Chico, CA 95928	PHONE: 916-891-3194 916-891-3190	DATE: 5-7-96
	Circle the Method and Turn Around Time ____ hr/12hr/24hr/48hr/Ext	Results Needed:
	PLM: <u>Standard</u> / Point Count	Gravimetry Prep
	TEM: QUAL. / QUANT. / WATER	
CONTACT: Ron Jones	P.O.# 96-4623	JOB #
SITE: Chico Junior High A Wing	AA/Flame AA/Furnace ICP	
METALS:		

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
A-001	5-6-96	Roof over teachers work room
A-002	"	N.W. Corner of A wing Roof
A-003	"	Roof over hall by M/P Room
A-004	"	S.W. M/P Room Roof
A-005	"	E. Side M/P Room Roof
A-006	"	Covered Walkway Roof by Snack Bar
A-007	"	Roof above Kitchen
		Please analyse by layer (all samples)

Sampled by: Ron Jones	Date: 5-6-96 Time: 09:00
Relinquished by: Ron Jones	Received By: UPS
Date/Time: 5-7-96 10:30 AM	Date/Time:
Relinquished by:	Received By: [Signature]
Date/Time:	Date/Time: 5/8/96
	Sealed Condition (circle one) YES / NO



Roofing Samples 5-6-96



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Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 252862
Date Received: 04/18/96

P.O. Num: 96-4623
Job ID:
Site: Chico Junior High

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
CJH-GYM-7	19628529	Trace%	40-45%	Chrysotile (Trace%) Cellulose (40-45%)
Black multilayered fibrous felts, tar with gravel, silver paint and black fibrous mastic. Asbestos in paint (5-10%) and in fibrous mastic (15-20%). Composite reported. Bulk complex sample.				

Patrick E. Little

Patrick E. Little, Optical Laboratory Supervisor, Hayward Laboratory

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Los Angeles • 2959 Pacific Commerce Drive, Rancho Dominguez, CA 90221 • Phone 310/763-2374 • Fax 310/763-8664

Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:

Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 252862
Date Received: 04/18/96

P.O. Num: 96-4623

Job ID:

Site: Chico Junior High

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
CJH-GYM-7	19628529	Trace	40-45%	Chrysotile (Trace) Cellulose (40-45%)
Black multilayered fibrous felts, tar with gravel, silver paint and black fibrous mastic. Asbestos in paint (5-10%) and in fibrous mastic (15-20%). Composite reported. Bulk complex sample.				

Patrick E. Little, Optical Laboratory Supervisor, Hayward Laboratory

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BULK SAMPLE REQUEST FOR

CLIENT NAME & ADDRESS:

2921 Chico Unified School District
2455 Carmichael Drive
Chico, CA 95928

PHONE: 916-891-3194
FAX: 916-891-3190

DATE:
4-17-96

Circle the Method and
Turn Around Time

Results Needed:
Fri. 4-19-96
by NOON

hr/12hr/24hr/48hr/Ext

PLM: Standard / Point Count

Gravimetry Prep

CONTACT: Ron Jones

TEM: QUAL / QUANT. / WATER

P.O.# 96-4623

JOB #

AA/Flame AA/Furnace ICP

SITE: Chico Jr. High - Gym - Roof

METALS:

SAMPLE NUMBER

DATE
COLLECTED

SAMPLE LOCATION/DESCRIPTION

CJH-GYM-7

4-17-96

SE corner of Gym Roof

Note: The roofing is stacked the way
it came off, with white on top.

plastic
Please open carefully to keep intact
analyse by layer

Sampled by: Ron Jones RJ

Date: 4-17-96 Time: 8:30 AM

Relinquished by:

Received By: *[Signature]*

Date/Time:

Date/Time:

Sealed Condition (circle one) YES / NO

Relinquished by:

Received By:

Date/Time:

Date/Time:

Sealed Condition (circle one) YES / NO



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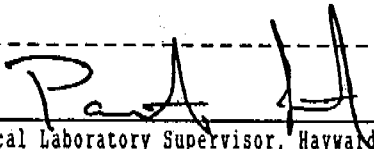
Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 251588
Date Received: 03/15/96

P.O. Num: 96-4122
Job ID:
Site: Chico Junior High - Gym Roof

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
Gross Description/Comments				
CJH-GYM-1 Black fibrous multilayered roofing material.	19620055	Trace†	40-45†	Chrysotile (Trace†) Cellulose (35-40†) Fibrous Glass (1-5†)
CJH-GYM-2 Black fibrous multilayered roofing material.	19620056	Trace†	40-45†	Chrysotile (Trace†) Cellulose (35-40†) Fibrous Glass (1-5†)
CJH-GYM-3 Black fibrous multilayered roofing material.	19620057	Trace†	40-45†	Chrysotile (Trace†) Cellulose (35-40†) Fibrous Glass (1-5†)
CJH-GYM-4 Black fibrous multilayered roofing material.	19620058	Trace†	40-45†	Chrysotile (Trace†) Cellulose (35-40†) Fibrous Glass (1-5†)
CJH-GYM-5 Black fibrous multilayered roofing material.	19620059	Trace†	40-45†	Chrysotile (Trace†) Cellulose (35-40†) Fibrous Glass (1-5†)
CJH-GYM-6 Black fibrous multilayered roofing material.	19620060	Trace†	40-45†	Chrysotile (Trace†) Cellulose (35-40†) Fibrous Glass (1-5†)


Patrick E. Little, Optical Laboratory Supervisor, Hayward Laboratory

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Forensic Analytical

BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2921 Chico Unified School District 2455 Carmichael Drive Chico, CA 95928	PHONE: 916-891-3194 FAX 916-891-3190	DATE: 3-14-96
	Circle the Method and Turn Around Time	Results Needed:
	24 <u> </u> hr/12hr/24hr/48hr/Ext	
	PLM Standard / Point Count	Gravimetry Prep
CONTACT: Ron Jones		TEM: QUAL. / QUANT. / WATER
P.O.# 96-4122	JOB #	AA/Flame AA/Furnace ICP
SITE: Chico Jr High Gym Roof		METALS: _____

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
CJH GYM-1	3-13-96	SE Corner of lower roof/ Roofing Material
CJH Gym-2	3-13-96	SW Corner of lower roof/ roofing Material
CJH Gym-3	3-13-96	NE corner of lower roof/ roofing material
CJH Gym-4	3-13-96	N Side of lower roof/ roofing material
CJH Gym-5	3-13-96	NW Corner of lower Roof/ roofing material
CJH Gym-6	3-13-96	West end of roof top section/ roofing material
		Please analyse each layer separately from the roof
		samples if possible. See Christina / Prior Positive

Sampled by: Ron Jones	Date: 3-13-96	Time: 2:15 pm
Relinquished by: Ron Jones	Received By: FED-EX Chico	
Date/Time: 3-14-96 4:00 pm	Date/Time: <u>3/15/96</u>	
	Sealed Condition (circle one) YES / NO	
Relinquished by:	Received By:	
Date/Time:	Date/Time:	
	Sealed Condition (circle one) YES / NO	



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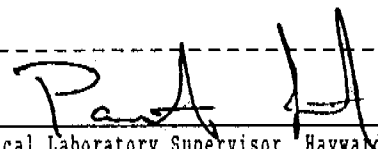
Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
Chico Unified School District
Mr. Ron Jones
2455 Carmichael Drive
Chico, CA 95928

Client ID: 2921
Report Number: 251588
Date Received: 03/15/96

P.O. Num: 96-4122
Job ID:
Site: Chico Junior High - Gym Roof

Sample Number	Lab Number	Total Asbestos	Total Fibrous Non-Asbestos	(Breakdown by type)
Gross Description/Comments				
CJH-GYM-1 Black fibrous multilayered roofing material.	19620055	Trace%	40-45%	Chrysotile (Trace%) Cellulose (35-40%) Fibrous Glass (1-5%)
CJH-GYM-2 Black fibrous multilayered roofing material.	19620056	Trace%	40-45%	Chrysotile (Trace%) Cellulose (35-40%) Fibrous Glass (1-5%)
CJH-GYM-3 Black fibrous multilayered roofing material.	19620057	Trace%	40-45%	Chrysotile (Trace%) Cellulose (35-40%) Fibrous Glass (1-5%)
CJH-GYM-4 Black fibrous multilayered roofing material.	19620058	Trace%	40-45%	Chrysotile (Trace%) Cellulose (35-40%) Fibrous Glass (1-5%)
CJH-GYM-5 Black fibrous multilayered roofing material.	19620059	Trace%	40-45%	Chrysotile (Trace%) Cellulose (35-40%) Fibrous Glass (1-5%)
CJH-GYM-6 Black fibrous multilayered roofing material.	19620060	Trace%	40-45%	Chrysotile (Trace%) Cellulose (35-40%) Fibrous Glass (1-5%)


Patrick E. Little, Optical Laboratory Supervisor, Hayward Laboratory

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Forensic Analytical

BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2921 Chico Unified School District 2455 Carmichael Drive Chico, CA 95928	PHONE: 916-891-3194 FAX: 916-891-3190	DATE: 3-14-96
	Circle the Method and Turn Around Time 24 <u> </u> hr/12hr/24hr/48hr/Ext	Results Needed:
	PLM Standard / Point Count	
	Gravimetry Prep	
CONTACT: Ron Jones		TEM: QUAL. / QUANT. / WATER
P.O.# 96-4122	JOB #	AA/Flame AA/Furnace ICP
SITE: Chico Jr High Gym Roof		METALS:

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
CJH GYM-1	3-13-96	SE Corner of lower roof/ Roofing Material
CJH Gym-2	3-13-96	SW Corner of lower roof/ roofing Material
CJH Gym-3	3-13-96	NE corner of lower roof/ roofing material
CJH Gym-4	3-13-96	N Side of lower roof/ roofing material
CJH Gym-5	3-13-96	NW Corner of lower Roof/ roofing material
CJH Gym-6	3-13-96	West end of roof top section/ roofing material
		Please analyse each layer separately from the roof
		samples if possible. See Christina / <i>Prior Positive</i>

Sampled by: Ron Jones	Date: 3-13-96	Time: 2:15 pm
Relinquished by: Ron Jones	Received By: FED-EX Chico	
Date/Time: 3-14-96 4:00 pm	Date/Time: <i>3/15/96</i>	
	Sealed Condition (circle one) YES / NO	
Relinquished by:	Received By:	
Date/Time:	Date/Time:	
	Sealed Condition (circle one) YES / NO	