

LETTER OF TRANSMITTAL

TO: Alameda County Environmental Health Services

1131 Harbor Bay Parkway, No. 250

Alameda, California 94502-6577

ATTENTION: Ms. Juliet Shin

DATE: February 11, 1997	PROJECT NO. 04-40-0125
RE: Joe Sio Chevrolet	
Albany, California	

WE ARE SENDING YOU

Attached Under separate cover via _____ the following items:

Final Reports Draft reports Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
2	2/11/97		Well Abandonment Report

RECEIVED
 ENVIRONMENTAL
 HEALTH SERVICES
 FEB 13 5 15 PM '97

THESE ARE TRANSMITTED as checked below:

For approval For review and comment Return for Corrections
 For your use Approved as submitted _____
 As requested Approved as noted

REMARKS:

COPY TO: Flo Ann Connors, 1658 Del Dayo Drive, Carmichael, CA 95608 **SIGNED:** Khaleel Pal
 Jay Labadie, 16 Santa Ana Avenue, Clovis, CA 93612





1181 Quarry Lane, Building 300
Pleasanton, CA 94566
(510) 462-4000 • FAX (510) 462-6283

February 11, 1997
Project No. 04-40-0125

Ms. Florence Ann Connors
Executor for the Estate of Josephine A. Dibble
1658 Del Dayo Drive
Carmichael, California 95608

Subject: WELL ABANDONMENT REPORT
Joe Sio Chevrolet
914-916 San Pablo Avenue
Albany, California

Dear Ms. Connors:

BSK & Associates (BSK) is pleased to submit this *Well Abandonment Report* (Report) for the Joe Sio Chevrolet site located at 914-916 San Pablo Avenue in Albany, California. This Report has been prepared pursuant to a January 13, 1997 written request from Alameda County Health Care Services (ACHCS), and the conditions of the Alameda County Flood Control District, Zone 7 (ACFCD) Drilling Permit.

Prior to initiating site activities, BSK obtained Drilling Permit No. 97054 from the ACFCD (see Appendix A). Abandonment by pressure grouting was proposed due to (1) significant subsurface utility lines in the vicinity of well MW-1, and (2) the absence of drill rig accessibility to well MW-2 (see Figure 1).

On February 6, 1997, BSK conducted well abandonment activities at the site. During well abandonment, neat-cement grout was tremied into the well casing from the total depth of the well to the surface and pressurized to 25 pounds per square inch for 5 minutes. Following pressure grouting, the well casing was removed to the existing annular seal, backfilled with neat cement grout, and capped with concrete to the surface. As required by the Drilling Permit, Well Completion Report forms for the abandoned wells were prepared (see Appendix B).

The January 13, 1997 ACHCS correspondence indicated that the site qualified for case closure pending documentation of abandonment of the three onsite groundwater monitoring wells. This Report documents the well abandonment, and therefore completes environmental activities for the site.

Ms. Florence Ann Connors
Well Abandonment Report
Joe Sio Chevrolet, 914-916 San Pablo Avenue, Albany, California

February 11, 1997
Project No. 04-40-0125
Page 2

BSK appreciates the opportunity to provide you with environmental services. If you have any questions or comments, please do not hesitate to call me at (510) 462-4000.

Sincerely,

BSK & ASSOCIATES



Khaled Rahman, R.G., C.H.G.
Senior Hydrogeologist

Attachment: Figure 1 - Site Plan
Appendix A - Drilling Permit
Appendix B - Well Completion Report Forms

cc: Ms. Juliet Shin, Alameda County Health Care Services
Mr. Wyman Hong, Alameda Flood Control District, Zone 7 (w/ original Well
Completion Report Forms)
Mr. Jay Labadie

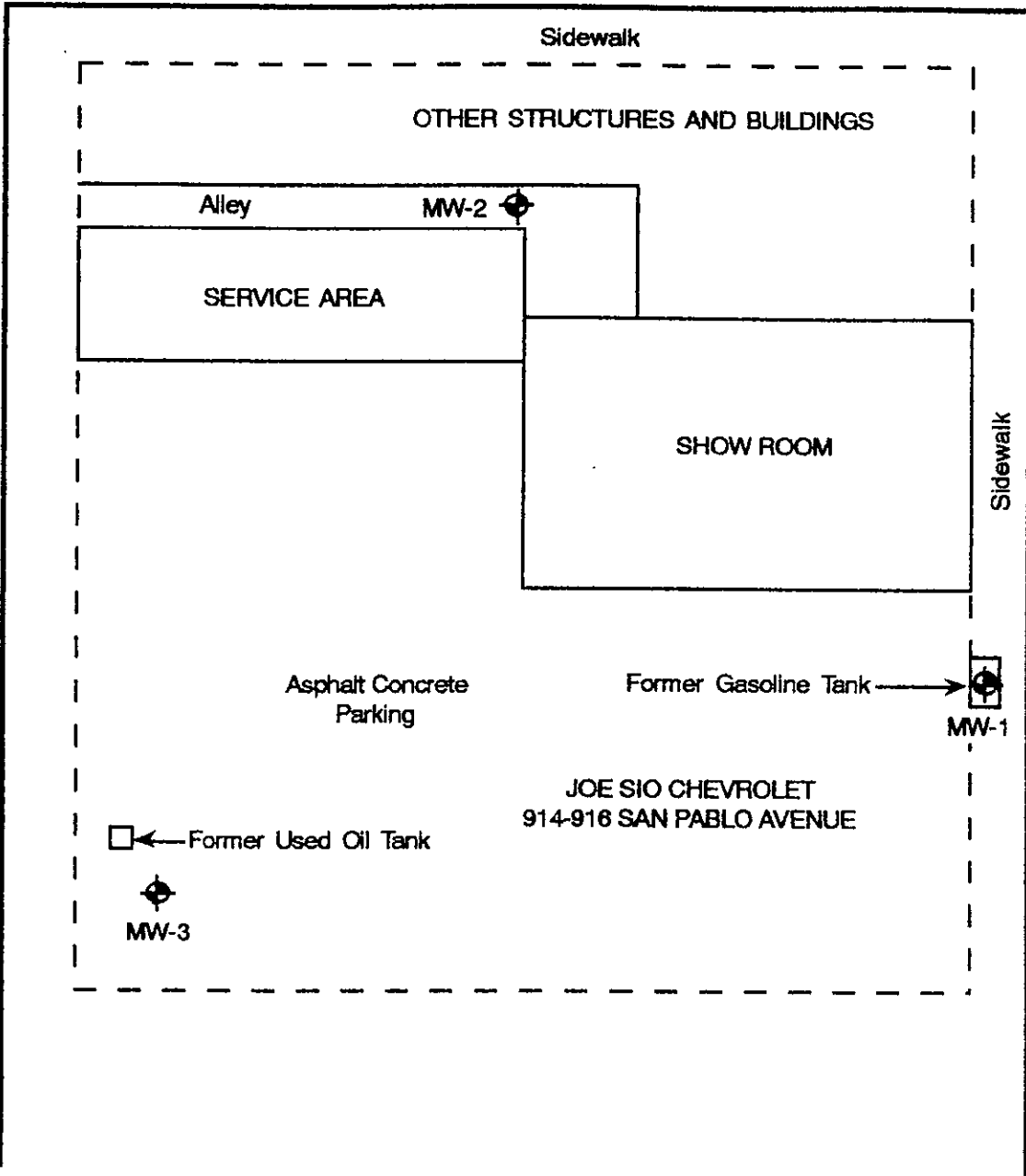
FIGURE 1

Site Plan

SOLANO AVENUE

ADAMS STREET

SAN PABLO AVENUE



 Groundwater Monitoring Well Location



Joe Sio Chevrolet
914-916 San Pablo Avenue
Albany, California

SITE PLAN

Job No. 04400086

FIGURE: 1

BSK
& ASSOCIATES

APPENDIX A

Drilling Permit



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588-0127

PHONE (510) 462-2000 FAX (510) 462-2914

January 27, 1997

Mr. Khalid Rahman
BSK and Associates
1181 Quarry Lane, Suite 300
Pleasanton, CA 94566

Dear Mr. Rahman:

Enclosed is drilling permit 97054 for the destruction of wells 1N/4W 34M80 to 34M82 at 914 San Pablo Avenue in Albany for Flo Ann Conners.

Please note that permit condition A-2 requires that a well destruction report be submitted after completion of the work. The report should include a description of methods and materials used to destroy the well, location sketch, date of destruction, and permit number. Please submit the original of your completion report. We will forward your submittal to the California Department of Water Resources.

If you have any questions, please contact Wyman Hong at extension 235 or me at extension 240.

Very truly yours,

RECEIVED JAN 24 1997

Craig A. Mayfield
Water Resources Engineer III

CM:ab
Enc.



ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600

FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT Joe Sio Chevrolet
914-916 San Pablo Avenue
Albany, CA

PERMIT NUMBER 97054
LOCATION NUMBER 1N/4W 34M80 to 34M82

CLIENT
Name Ms. Flo Ann Connors
Address 1658 Del Domo Place Phone 916-489-7903
City Carmichael Zip 95608

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT
Name BSK & Associates
ATTN: KHALED RAHMAN
Address 1181 Quincey Lane, Suite 300 Phone 510-462-4000
City Pleasanton Zip 94566

A. GENERAL

1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

TYPE OF PROJECT
Well Construction _____ Geotechnical Investigation _____
Cathodic Protection _____ General _____
Water Supply _____ Contamination _____
Monitoring _____ Well Destruction X
pressure grout.

B. WATER WELLS, INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

PROPOSED WATER SUPPLY WELL USE
Domestic _____ Industrial _____ Other _____
Municipal _____ Irrigation _____

C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

DRILLING METHOD:
Mud Rotary _____ Air Rotary _____ Auger _____
Cable _____ Other Pressure Grout

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

DRILLER'S LICENSE NO. _____

E. WELL DESTRUCTION. See attached.

WELL PROJECTS
Drill Hole Diameter 8 in. Maximum _____
Casing Diameter 2 in. Depth 30 ft.
Surface Seal Depth _____ ft. Number 3

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum _____
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 2/7/97
ESTIMATED COMPLETION DATE 2/7/97

Approved Wyman Hong Date 24 Jan 97
Wyman Hong

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Khaled Rah (BSK & Associates)
on behalf of Flo Ann Connors. Date 1/14/97

24 January 1997

ZONE 7
WATER RESOURCES ENGINEERING
GROUNDWATER PROTECTION AGENCY

JOE SIO CHEVROLET
914-916 SAN PABLO AVENUE
ALBANY
WELL 1N/4W 34M80 TO 34M82
PERMIT 97054

Destruction Requirements:

1. Clean out all bridged or poorly compacted materials to the bottom of the well.
2. Pressure grout the casing to 2 feet below finished grade or original ground, whichever is the lower elevation.
3. Remove casing, seal and gravel pack to 2 feet below finished grade or original ground, whichever is the lower elevation.
4. After the seal has set, backfill the remaining hole with compacted material.

These destruction requirements as proposed by Khaled Rahman of BSK & Associates meet or exceed Zone 7 minimum requirements.

APPENDIX B

Well Completion Report Forms

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

**STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)**

REMOVED



1181 Quarry Lane, Building 300
Pleasanton, CA 94566
(510) 462-4000 • FAX (510) 462-6283

February 11, 1997
Project No. 04-40-0125

Ms. Florence Ann Connors
Executor for the Estate of Josephine A. Dibble
1658 Del Dayo Drive
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Joe Sio Chevrolet
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Albany, California

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Prior to initiating site activities, BSK obtained Drilling Permit No. 97054 from the ACFCD (see Appendix A). Abandonment by pressure grouting was proposed due to (1) significant subsurface utility lines in the vicinity of well MW-1, and (2) the absence of drill rig accessibility to well MW-2 (see Figure 1).

On February 6, 1997, BSK conducted well abandonment activities at the site. During well abandonment, neat-cement grout was tremied into the well casing from the total depth of the well to the surface and pressurized to 25 pounds per square inch for 5 minutes. Following pressure grouting, the well casing was removed to the existing annular seal, backfilled with neat cement grout, and capped with concrete to the surface. As required by the Drilling Permit, Well Completion Report forms for the abandoned wells were prepared (see Appendix B).

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Ms. Florence Ann Connors
Well Abandonment Report
Joe Sio Chevrolet, 914-916 San Pablo Avenue, Albany, California

February 11, 1997
Project No. 04-40-0125
Page 2

BSK appreciates the opportunity to provide you with environmental services. If you have any questions or comments, please do not hesitate to call me at (510) 462-4000.

Sincerely,

BSK & ASSOCIATES



Khaled Rahman, R.G., C.H.G.
Senior Hydrogeologist

Attachment: Figure 1 - Site Plan
Appendix A - Drilling Permit
Appendix B - Well Completion Report Forms

cc: Ms. Juliet Shin, Alameda County Health Care Services
Mr. Wyman Hong, Alameda Flood Control District, Zone 7 (w/ original Well
Completion Report Forms)
Mr. Jay Labadie

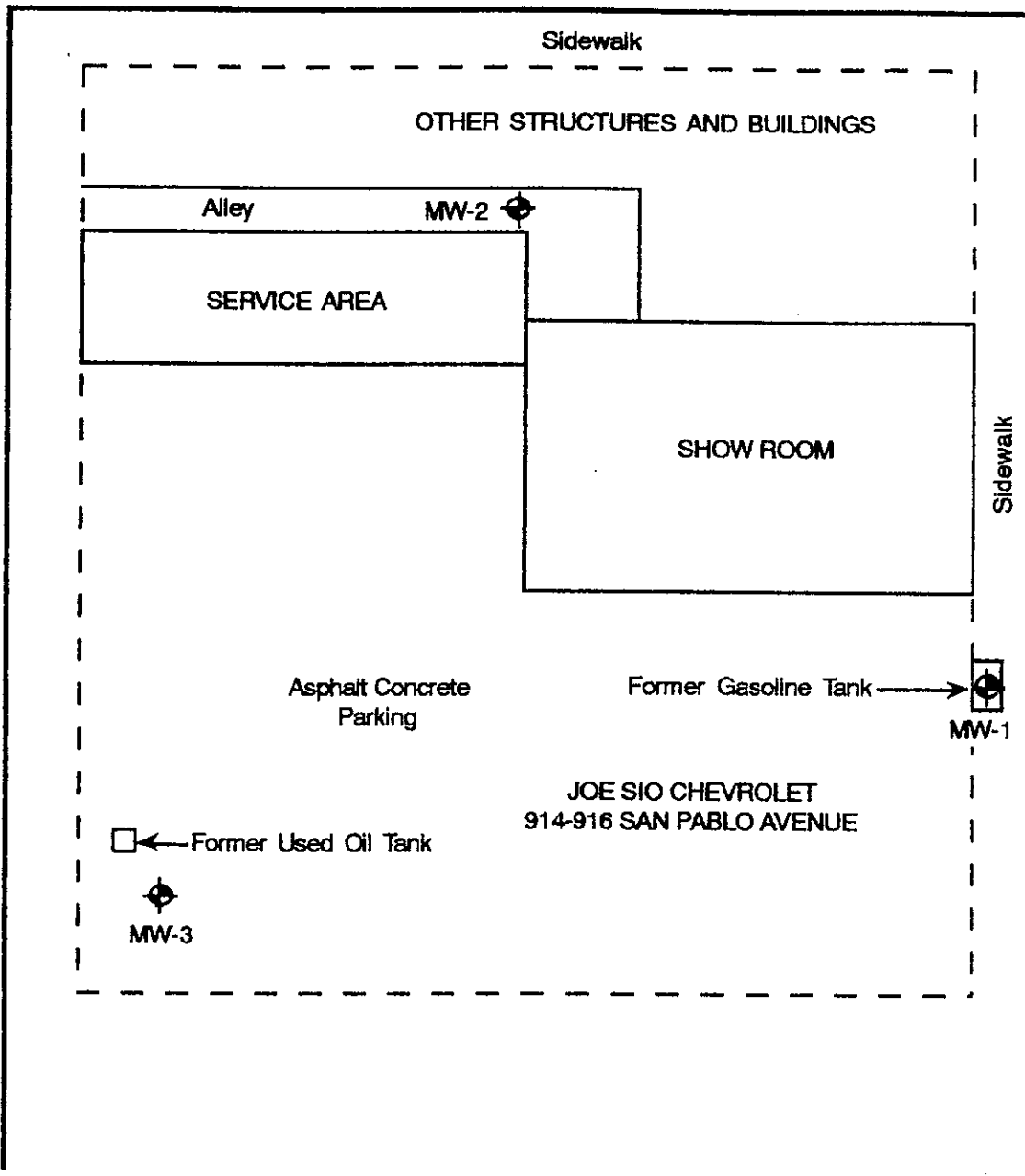
FIGURE 1

Site Plan

SOLANO AVENUE

ADAMS STREET

SAN PABLO AVENUE



JOE SIO CHEVROLET
914-916 SAN PABLO AVENUE



 Groundwater Monitoring Well Location

0 40 80
Approximate Scale in Feet

Joe Sio Chevrolet
914-916 San Pablo Avenue
Albany, California

SITE PLAN

Job No. 04400086

FIGURE: 1

BSK
& ASSOCIATES

APPENDIX A

Drilling Permit



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94566-1107 TEL: (510) 434-0900 FAX: (510) 462-3911

January 27, 1997

Mr. Khalid Rahman
BSK and Associates
1181 Quarry Lane, Suite 300
Pleasanton, CA 94566

Dear Mr. Rahman:

Enclosed is drilling permit 97054 for the destruction of wells 1N/4W 34M80 to 34M82 at 914 San Pablo Avenue in Albany for Flo Ann Conners.

Please note that permit condition A-2 requires that a well destruction report be submitted after completion of the work. The report should include a description of methods and materials used to destroy the well, location sketch, date of destruction, and permit number. Please submit the original of your completion report. We will forward your submittal to the California Department of Water Resources.

If you have any questions, please contact Wyman Hong at extension 235 or me at extension 240.

Very truly yours,

A handwritten signature in cursive script that reads "Craig A. Mayfield".

Craig A. Mayfield
Water Resources Engineer III

RECEIVED JAN 29 1997

CM:ab
Enc.



ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600

FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT Joe Sio Chevrolet
914-916 San Pablo Avenue
Albany, CA

PERMIT NUMBER 97054
LOCATION NUMBER 1N/4W 34M80 to 34M82

CLIENT
Name Ms. Flo Ann Connors
Address 1658 Del Norte Drive Phone 916-489-7903
City Carmichael Zip 95608

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT
Name BSK + Associates
ATTN: KHALED RAHMAN
Address 1181 QUARRY LANE, Suite 300 Phone 510-462-4000
City Pleasanton Zip 94566

A. GENERAL

1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

TYPE OF PROJECT

Well Construction	Geotechnical Investigation
Cathodic Protection <input type="checkbox"/>	General <input type="checkbox"/>
Water Supply <input type="checkbox"/>	Contamination <input type="checkbox"/>
Monitoring <input type="checkbox"/>	Well Destruction <input checked="" type="checkbox"/>
	<u>pressure grout.</u>

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Municipal Irrigation

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DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other Pressure Grout

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

DRILLER'S LICENSE NO. _____

E. WELL DESTRUCTION. See attached.

WELL PROJECTS

Drill Hole Diameter	<u>8</u> in.	Maximum	
Casing Diameter	<u>2</u> in.	Depth	<u>30</u> ft.
Surface Seal Depth	_____ ft.	Number	<u>3</u>

GEOTECHNICAL PROJECTS

Number of Borings	_____	Maximum	
Hole Diameter	_____ in.	Depth	_____ ft.

ESTIMATED STARTING DATE 2/7/97
ESTIMATED COMPLETION DATE 2/7/97

Approved Wyman Hong Date 24 Jan 97
Wyman Hong

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