

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 9906962
Insp Area: 2

Site Address: 23 OAK RANCH CT SAC
Parcel No: 031-0970-009

Sub-Type: RES
Housing (Y/N): N

CONTRACTOR
CREATIVE CONSTRUCTION
7040 ST LUZ CT
SACRAMENTO CA 95842

OWNER
BROWN WILLIAM M/KELLEY J
23 OAK RANCH CT
SACRAMENTO CA 95831

ARCHITECT

Nature of Work: REPLACEMENT OF DEFECTIVE ABS PIPE-- 2" & 3"

CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

X License Class CB License Number 342345 Date 6/30/99 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00):

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

X Date 6/30/99 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier CLARENDON NATIONAL Policy Number 02KM0001267 Exp Date 01/01/2000

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

X Date 6/30/99 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION. DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.



200 West Ponders

First Floor

Lancaster, California 93534

(661) 949-8811 • FAX (661) 940-7318

www.plumbing-expert.com

Arnold A. Rodio

FAX COVER SHEET

DATE SENT

6-10-99

TIME SENT

3:40 PM

SENT FROM

Bonnie

SENT TO

Bill Brown

COMPANY

FAX NUMBER

916) 558-4839

NUMBER OF PAGES SENT (INCLUDING THIS PAGE)

12

NOTES This is the written portion of your report, with isometrics. The full report, with photos will go out in the mail this afternoon. I'm also faxing the Pace Setter Plumbing Proposal you'll receive with your report. Feel free to call with any questions.

IF THERE ARE ANY PROBLEMS WITH THE RECEIPT OF THIS FAX, OR IF YOU HAVE ANY QUESTIONS REGARDING IT, PLEASE CALL THE OFFICE AT (805) 949-8811.

THANK YOU!

P.I.P.E.S. INSPECTION REPORT

Brown Residence

23 Oak Ranch Court, Sacramento, CA 95831

May 28, 1999

This report has been prepared on behalf of the homeowners as part of the ABS CASES II. The attorneys representing the plaintiffs in the ABS Class Action are: The Law Office of David Birka-White and Lief, Cabraser, Heimann & Bernstein. ALL LEGAL ISSUES AND RELATED MATTERS REGARDING THE ABS CASES II CLASS ACTION ARE TO BE ADDRESSED TO:

Law Office of David Birka-White
Attn: David Birka-White
3240 Stone Valley Road West
Suite 102
Alamo, CA 94507

(925) 838-2090

and/or

Lief, Cabraser, Heimann & Bernstein
Embarcadero Center West
275 Battery Street, 30th Floor
San Francisco, CA 94111-3339

(415) 956-1000

A copy of this report has been forwarded to the ABS Class II Fund Administrator. The fund Administrator is:

ABS Class II Claims Administrator
P.O. Box 4068
Portland, OR 97208

(888) 644-7473

P.I.P.E.S.
May 28, 1999

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Page 2

I. INTRODUCTION

This residence has been assigned a P.I.P.E.S. tracking case number of GC-50346. Please use this number in all correspondence to aid in properly tracking your file.

If you are entitled to a reimbursement for defective pipe, either full or partial, cost reimbursements are scheduled through the Fund Administrator. After receipt of this report all claims and documentation must be submitted through the Fund Administrator.

A partial home inspection was conducted on April 26, 1999 for the following purposes:

- Determine if a problem existed with the ABS DWV pipe in the residence
- Determine the location and configuration of the pipe
- Determine which brand or brands were at issue

This report sets forth the inspection method and what was observed. Based on the observations and other information, certain conclusions are drawn as to the impact of the defective pipe on the drain, waste and vent system of the home.

A separate cost estimate to correct the observed and projected issues relating to the defective ABS DWV pipe for this home was prepared by Pace Setter Plumbing Corp. Such cost estimates and repairs were not conducted by P.I.P.E.S.

This inspection was limited and not intended to fully document the location, rate of failure or other aspects of the ABS system or the other plumbing components. Not all of the ABS pipe in the residence was observed. Pipe was inspected in the wall cavities, attic, and under sinks. The inspections revealed the existence of failed ABS pipe in portions of the drain, waste, and vent systems but does not fully document all locations of failure.

This residence is two story with a raised wood framed floor.

II. DEFINITIONS

The term Centaur refers to ABS pipe manufactured by Centaur Manufacturing.

The term Phoenix refers to ABS pipe manufactured by Centaur Marketing as a DBA.

The term Gable refers to ABS pipe manufactured by Gable Plastics.

The term Polaris refers to ABS pipe manufactured by Polaris Plastics.

The term Apache refers to ABS pipe manufactured by Apache Plastics.

P.I.P.E.S.
May 28, 1999

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Other pipe manufacturers such as Spartan, Colby, U-Tel, Rocky Mountain, Aegis, Standard and AB&I may be referenced in the report. Such manufacturers are not a part of the ABS Class II litigation and as such are included for information only.

The term plumbing refers only to that portion containing ABS drain waste, and vent pipe. Pressurized water and gas piping are not a part of this report unless specifically noted.

The term pipe refers to ABS drain, waste and vent pipe only.

III. METHOD OF INSPECTION

All pipe identification was based upon actual observation of brand name or a production or date code unique to that brand of pipe.

Where pipe markings were not readily visible a hand held mirror was used. Use of the mirror allowed pipe to be identified in areas where line of sight was not possible.

Photographs were taken to partially document the observations. These photographs are included with the report.

Isometric drawings were made of the pipe observed. These isometric drawings have been included in the report. The isometric drawings are not to scale and only intended to be representative of what was observed.

IV. OBSERVATIONS

There was a history of failures reported by the homeowner. Evidence of repairs or past leaks was observed.

The attic was accessed for inspection of the vents extending through the roof. (REFER TO ISOMETRIC DIAGRAM A) The vertical vent coming up through the plate for the Laundry washer was 1-1/2" Gable. The vertical vent going up through the going up through the roof for the Laundry washer was 1-1/2" Gable, 11 26 84 date code. The vertical vent going up through the roof for the Master Bath lavatories was 1-1/2" Gable, 11 26 84 date code. The vertical vent coming up through the plate for the Master Bath water closet was 2" Centaur, S G E J A B, production code. This pipe was completely separated at the glue joint of the 1/8 bend at the offset near the penetration through roof. (REFER TO PICTURE A) The vertical vent going up through the roof for the Master Bath water closet was 2" Centaur. This pipe had a crack at the glue joint of the 1/8 bend at the offset. (REFER TO PICTURE B) The vertical vent coming up through the plate

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May 28, 1999

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for the Upstairs Bath water closet was 2" Centaur, S G E J A B, production code. The vertical vent going up through the roof for the Upstairs Bath water closet was 2" Centaur, S G E J A B, production code. The vertical vent going up through the roof for the Upstairs Bath shower was 1-1/2" Gable.

The P-Trap assemblies were inspected under the bathroom and kitchen cabinets. (REFER TO ISOMETRIC DIAGRAM B) The trap arm for the Upstairs Bath lavatory was 1-1/2" Gable, 11 26 84 date code. The trap arm for the Master Bath left lavatory finish connection was 1-1/2" Centaur. The trap arm for the Master Bath right lavatory finish connection was 1-1/2" Gable.

The crawl space was accessed for inspection of the below floor plumbing system. (REFER TO ISOMETRIC DIAGRAM C) The vertical waste for the Upstairs Bath water closet was 3" Centaur. This pipe had a crack at the glue line at the top of the 3" wye fitting. (REFER TO PICTURE C) The horizontal main waste at the wye to the Upstairs Bath water closet was 3" Polaris, 340 84 C date code. This pipe had a hairline crack at the glue line at 3" wye fitting. (REFER TO PICTURES D, E & F) The horizontal main waste was 3" Centaur, S D M J A A, production code. The closet arm and the vertical waste for the Powder water closet was 3" Centaur. The vertical vent coming out of the heel inlet for the Powder water closet was 2" Centaur. The horizontal main waste past the Powder water closet connection was 3" Polaris. The horizontal main waste for the Master Bath was 3" Centaur, S D M J A A, production code.

The horizontal drain for the Kitchen sink was 2" Centaur, S E E M A A, production code. The vertical drain for the Laundry washer was 2" Centaur, S E E M A A, production code.

The wall cavities were left exposed from a previous emergency repair. (REFER TO ISOMETRIC DIAGRAM D) The vertical waste for the Bath #1 water closet was 3" Polaris, 340 84 C date code. The previous repair was made to the 3x3x2 wye connection to the Bath #1 tub drain and an off set in the 3" waste riser for the Bath #1 water closet. The diagonal drain for the Bath #1 tub was 2" Centaur. This pipe had a crack at the glue line at the 3x3x2 wye fitting at the vertical waste for the Bath #1 water closet. (REFER TO PICTURES G & H)

Samples were observed from previous repairs. The horizontal drain for the Laundry Washer was 2" Centaur, S E E M __, production code. The vertical drain for the Laundry washer was 2" Centaur, S E E M __, production code. This pipe had a crack at the glue line at the top of the 1/4 bend fitting. (REFER TO PICTURES I & J) A horizontal section for the Master Bath was 2" Centaur, S G E J A B, production code. This pipe had a crack at the glue line at the side of the 1/4 bend fitting.

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V. CONCLUSIONS AND RECOMENDATIONS

The inspection revealed that the residence is 100 % Gable in the 1-1/2" diameter pipes. No failures were observed in the 1-1/2" Gable pipe. Gable Plastics did not purchase raw materials from Plastics Processing in 1984. Plastics Processing material have been determined to cause circumfrential cracking at the glue joint on which the underlying litigation is based.

The 2" diameter pipes were 100% Centaur and failures were observed in the wall cavities and in the crawl space.

The 3" diameter pipe was 65% Centaur and 35% Polaris. Failures were observed in the 3" Centaur. Polaris Plastics did not purchase raw materials from Plastics Processing in 1984. Plastics Processing material have been determined to cause circumfrential cracking at the glue joint on which the underlying litigation is based.

Based on the above, the following recommendations are made:

1. All 2" Centaur in the attic space, wall cavities and crawl space be replaced.
2. All remaining 3" Centaur in the crawl space be replaced.

NOTICE:

This home contains Centaur ABS pipe. The ABS Class II protocols provide for only 60% of the cost of the replacement or repair. The remaining 40% is the responsibility of the Home Owner. If there are any questions regarding this percentage allocation, the Homeowner should contact the Fund Administrator for further clarification.

NOTICE:

This home also contains Polaris ABS pipe. The ABS Class II protocols contain separate provisions for resolution of Polaris claims. It is necessary for the Homeowner to file a separate claim on the approved Polaris claim form to allow processing of the Polaris portion of the claim. If there are any questions regarding Polaris ABS pipe, the Homeowner should contact the Fund Administrator for further clarification.

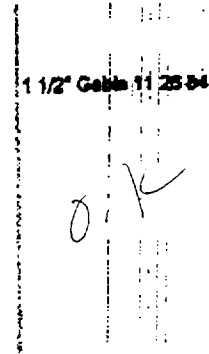
WILLIAM BROWN

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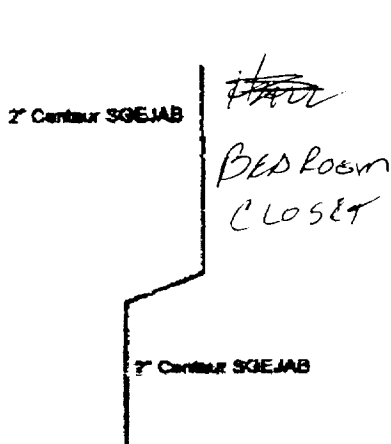
Not To Scale



Upstairs Bath Shower



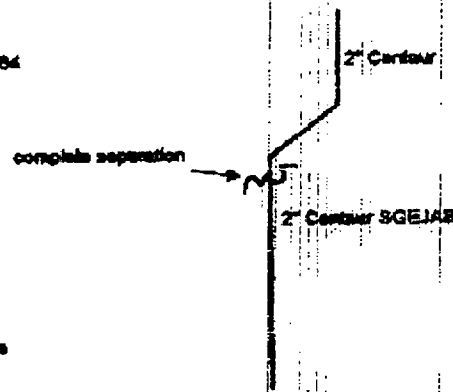
Master Bath Laundry



Upstairs Bath Water Closet



Laundry



Master Bath Water Closet

Handwritten signature

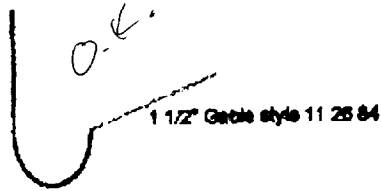
- Phoenix / Centaur
- Gable
- Polaris
- Other Brands or Unknown

Attic Vents
Diagram A
GC 50348
Inspected 4-28-89

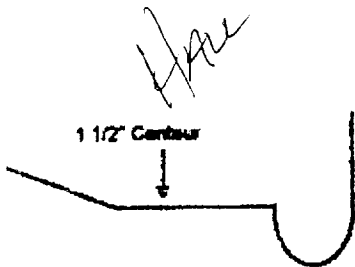
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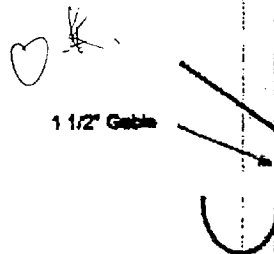
Not To Scale



Right Lavatory



Left Master Bath Lavatory



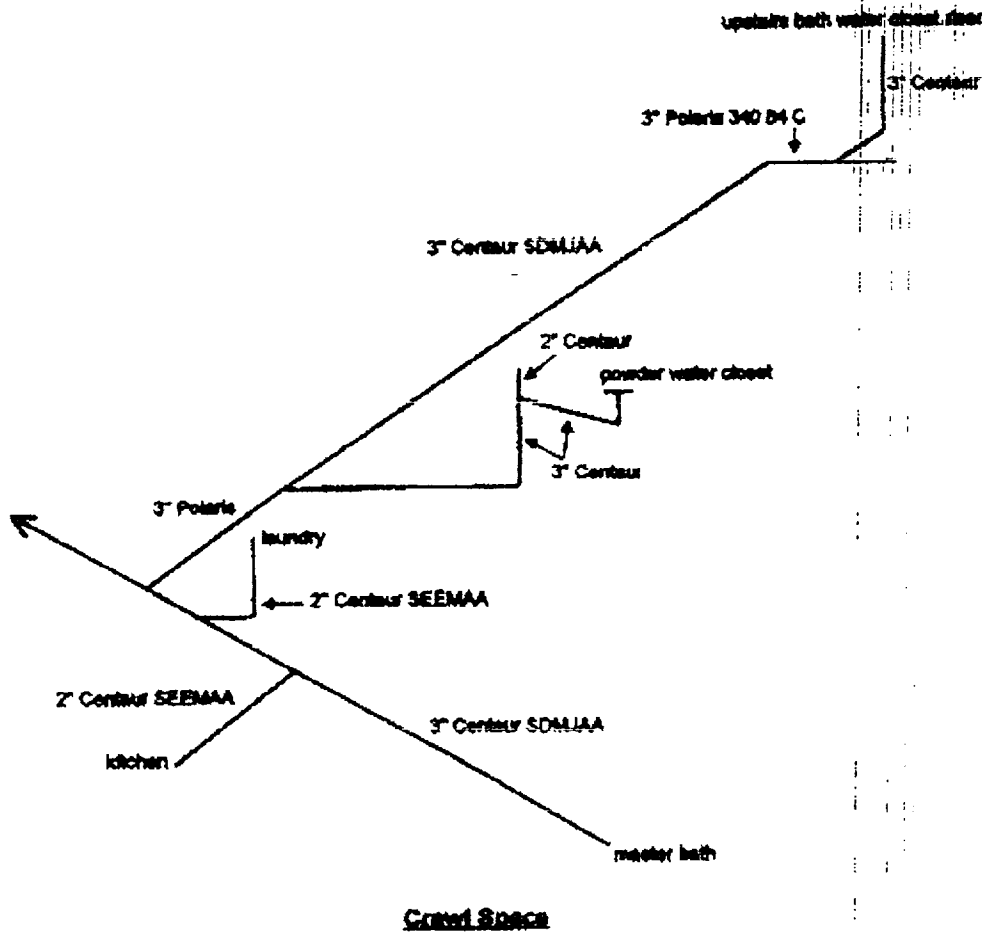
Right Master Bath Lavatory

- Phoenix / Centaur
- Gable
- Polaris
- Other Brands or Unknown

Finish Connections
 Diagram 8
 GC 80346
 Inspected 4-28-99

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Not To Scale



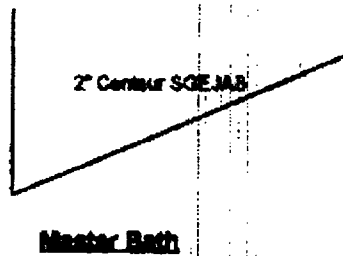
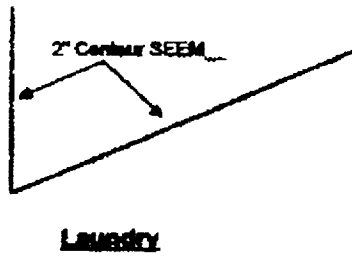
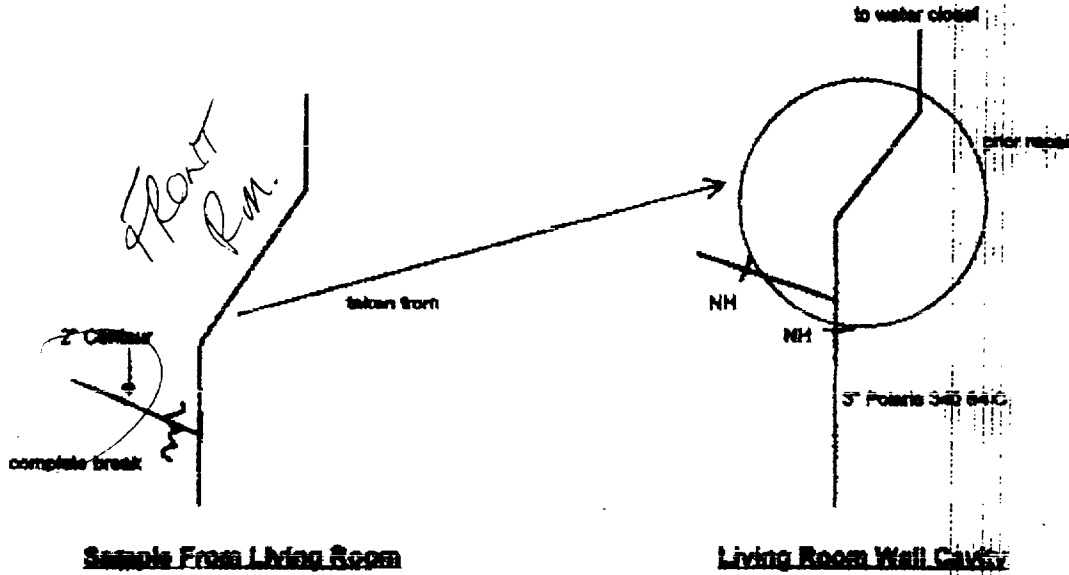
- Phoenix / Centaur
- Gable
- Polaris
- Other Brands or Unknown

Diagram C
GC 50346
Inspected 4-26-99

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Not To Scale



- Phoenix / Centaur
- Gable
- Polaris
- Other Brands or Unknown

Diagram D
 GC 80346
 Inspected 4-20-99