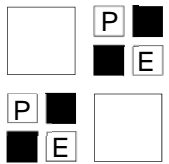


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STRUCTURAL ENGINEER'S REPORT

3805 Red River Street
Austin, Texas 78751

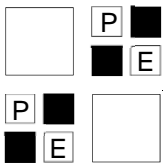
Prepared by Professional StruCIVIL Engineers, Inc.

12710 Research Blvd., Ste.390
Austin, Texas 78759

August 21, 2013

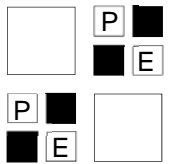
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May 19, 2014

Mr. Jim Bennett
Bennett Consulting
11505 Ridge Drive
Austin, Texas 78748

Reference: Residential Damage
3805 Red River Street
Austin, Texas 78751

Dear Mr. Bennett:

Pursuant to your request, Professional StruCIVIL Engineers, Inc. performed visual reconnaissance of the damage to the residential structure located at 3805 Red River Street. Our inspection takes into account the type of damage that occurred and, if required, makes necessary recommendations based on the extent of damage that occurred.

Our inspection takes into account the load effects placed upon individual structural members using a methodology that evaluates equilibrium, general stability, and geometric compatibility.

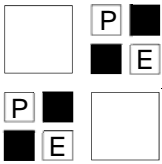
Our firm observed damage to the foundation, framing and concrete driveway and sidewalk. Images are included with this report; refer to the attached items. Structural foundation and framing damage or visual framing damage is evident based on our visit to the residence. Professional StruCIVIL Engineers recommends the existing structure to be demolished.

In my opinion, the integrity of the foundation and framing is structurally unstable; a hazard to public safety and therefore our recommendation is to demolish the existing building.

If you have any questions, please call my office at 512-238-6422.

Sincerely,
PROFESSIONAL StruCIVIL ENGINEERS, INC.

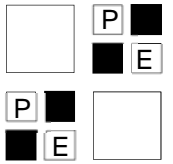
Mirza Tahir Baig, P.E.
Principal



PROFESSIONAL STRUCIVIL ENGINEERS, INC.

STRUCTURAL CIVIL ENVIRONMENTAL

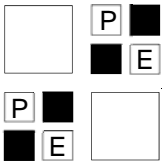
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Structural failure because of bearing stresses in the beam



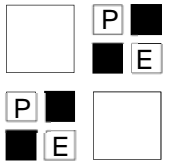
Structural failure because of bearing stresses in the beam



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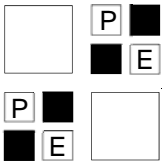


Damage roof ceiling structure



Structural failure at column:

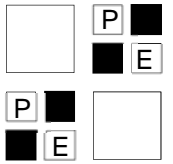
Bearing support.



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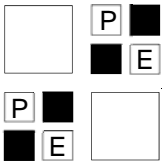


Foundation failure :

Differential settlements.

Foundation failure

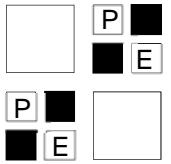
Differential settlements.



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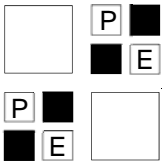
Foundation and concrete failure:

Differential settlements.



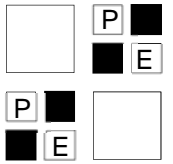
Foundation Failure:

Soil settlements.



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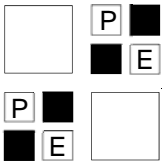
Foundation settlement

Soil movements



Foundation settlement

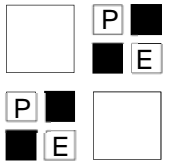
soil movements.



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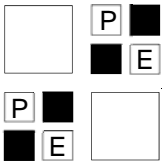


Roof cantilever damage



Wall stress cracks

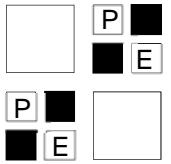
Differential Settlement



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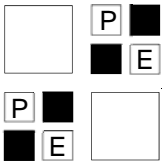
Concrete sidewalk cracks
soil settlement



Foundation & sidewalk
settlement

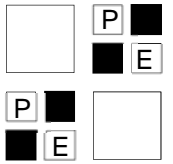
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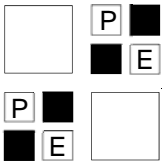


concrete driveway crack

soil settlement



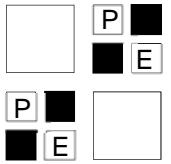
Ceiling stress cracks



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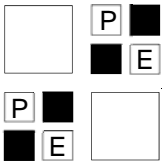


Foundation settlement crack



Wall stress cracks

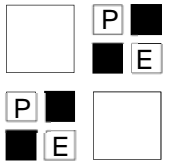
Foundation settlement



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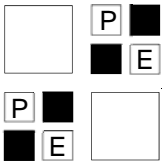
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Foundation differential settlement



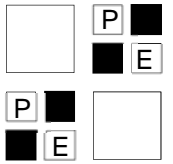
Foundation differential settlement



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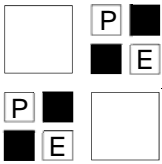
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Foundation differential settlement

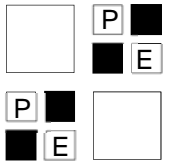


Foundation differential settlement



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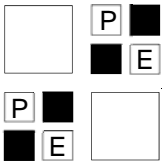


Wall stress crack

Structural framing over stress

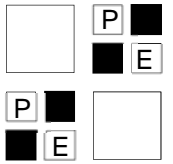
Window diagonal cracks:

Foundation differential settlement



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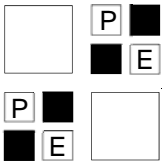
Window diagonal cracks:

Foundation differential settlement



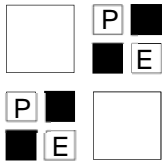
Window diagonal cracks:

Foundation differential settlement



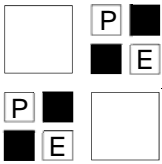
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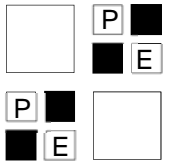
Window diagonal cracks:
Foundation differential settlement

Window diagonal cracks:
Foundation differential settlement



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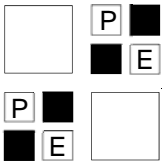
Wall stress crack

Foundation settlement



Wall stress crack

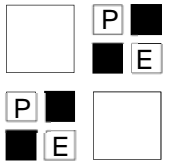
Foundation settlement



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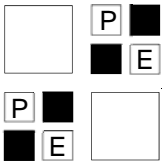
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Roof projection damaged



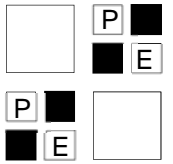
Concrete sidewalk & foundation settlement



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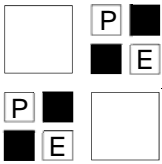
Staircase damage



Garage door crack

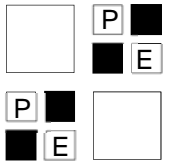
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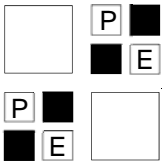
Wall crack

Foundation settlement



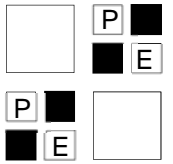
Wall stress crack

Foundation settlement



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Wall stress crack

Foundation differential settlement



Window diagonal crack

Foundation settlement