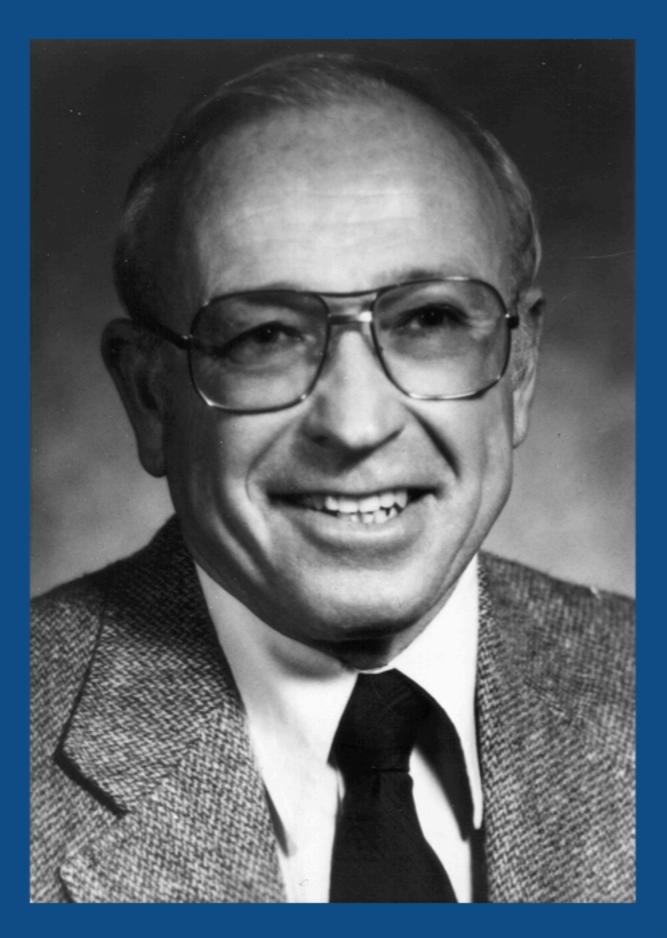


Richard H. Jahns Lecture Series 2022-23

Vince Cronin

Vince_Cronin@CroninProjects.org https://CroninProjects.org/Jahns/



Dr. Jim Slosson

California State Geologist 1973-75

Jahns Lecturer 1989

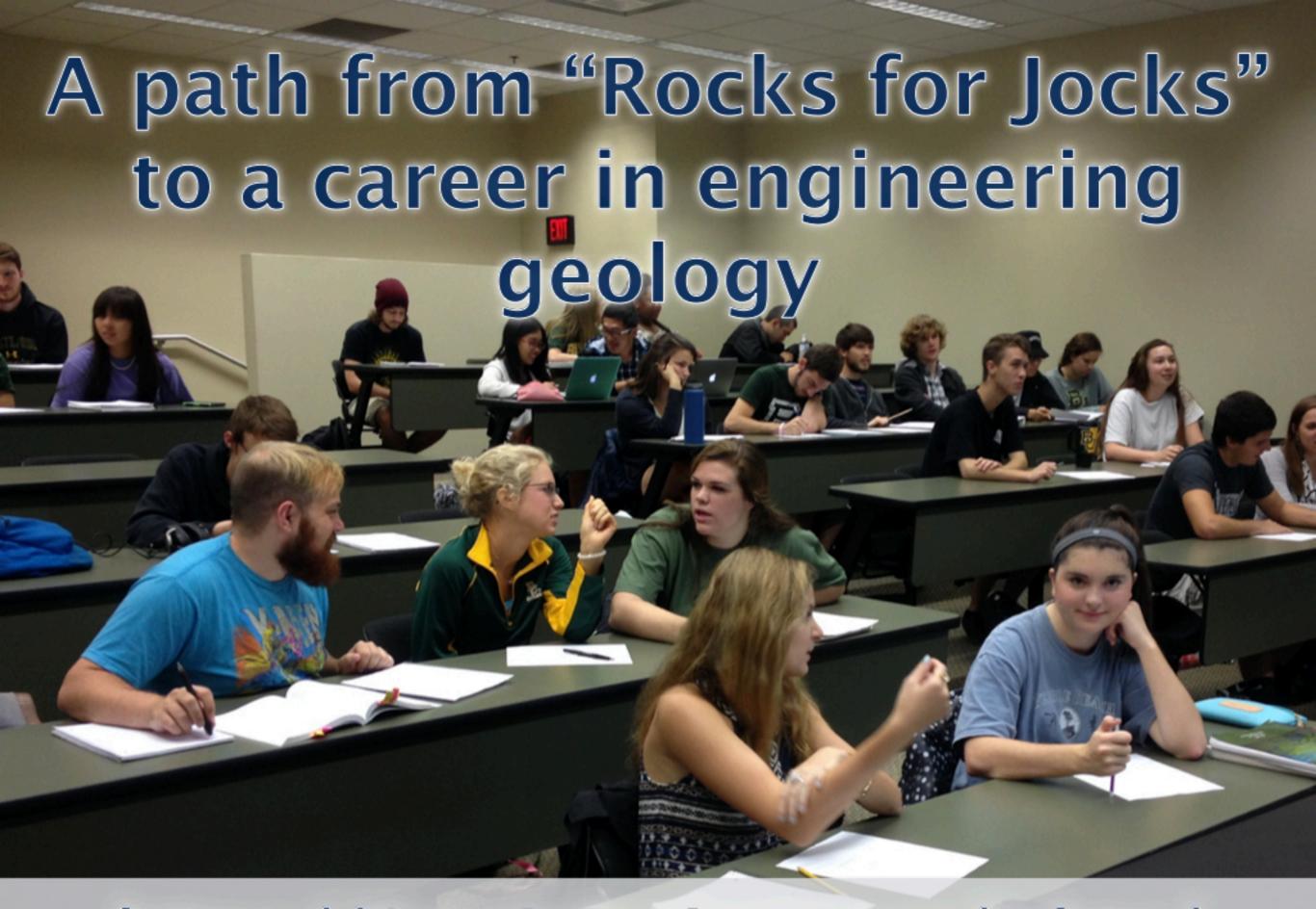


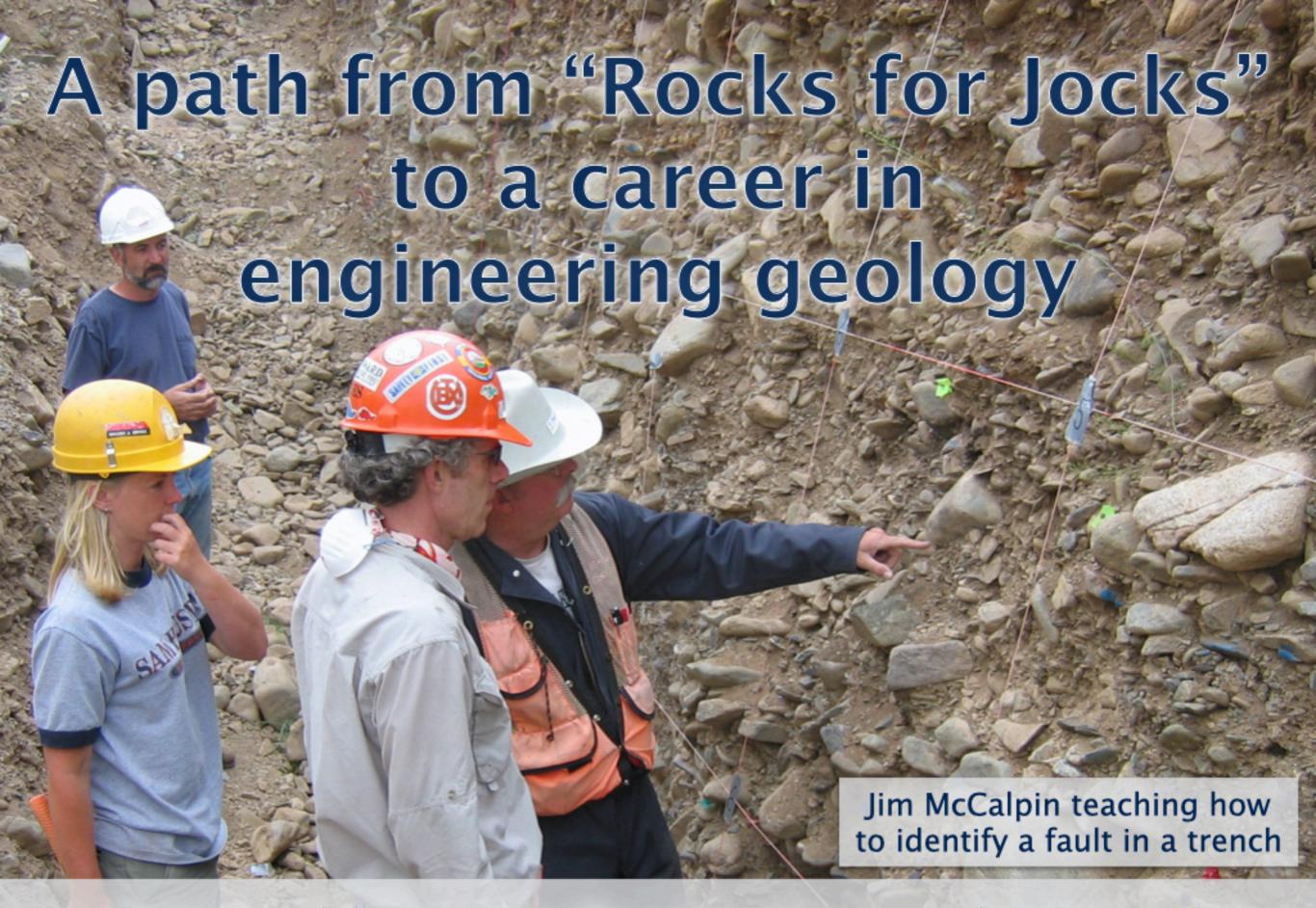












Geoethics is at the heart of engineering power values. Geoscience



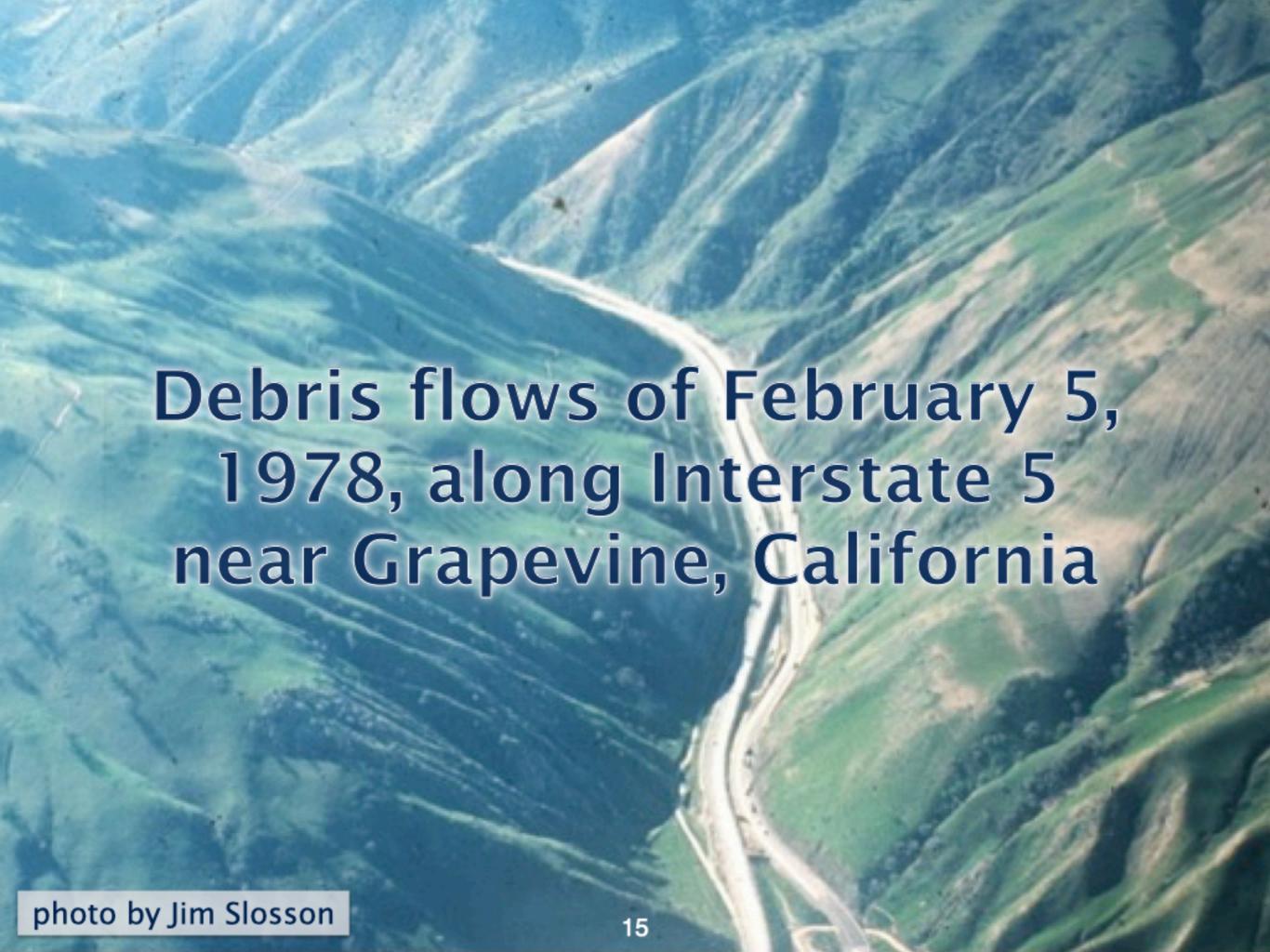








Why do I think geoethics is fundamental to engineering geoscience?



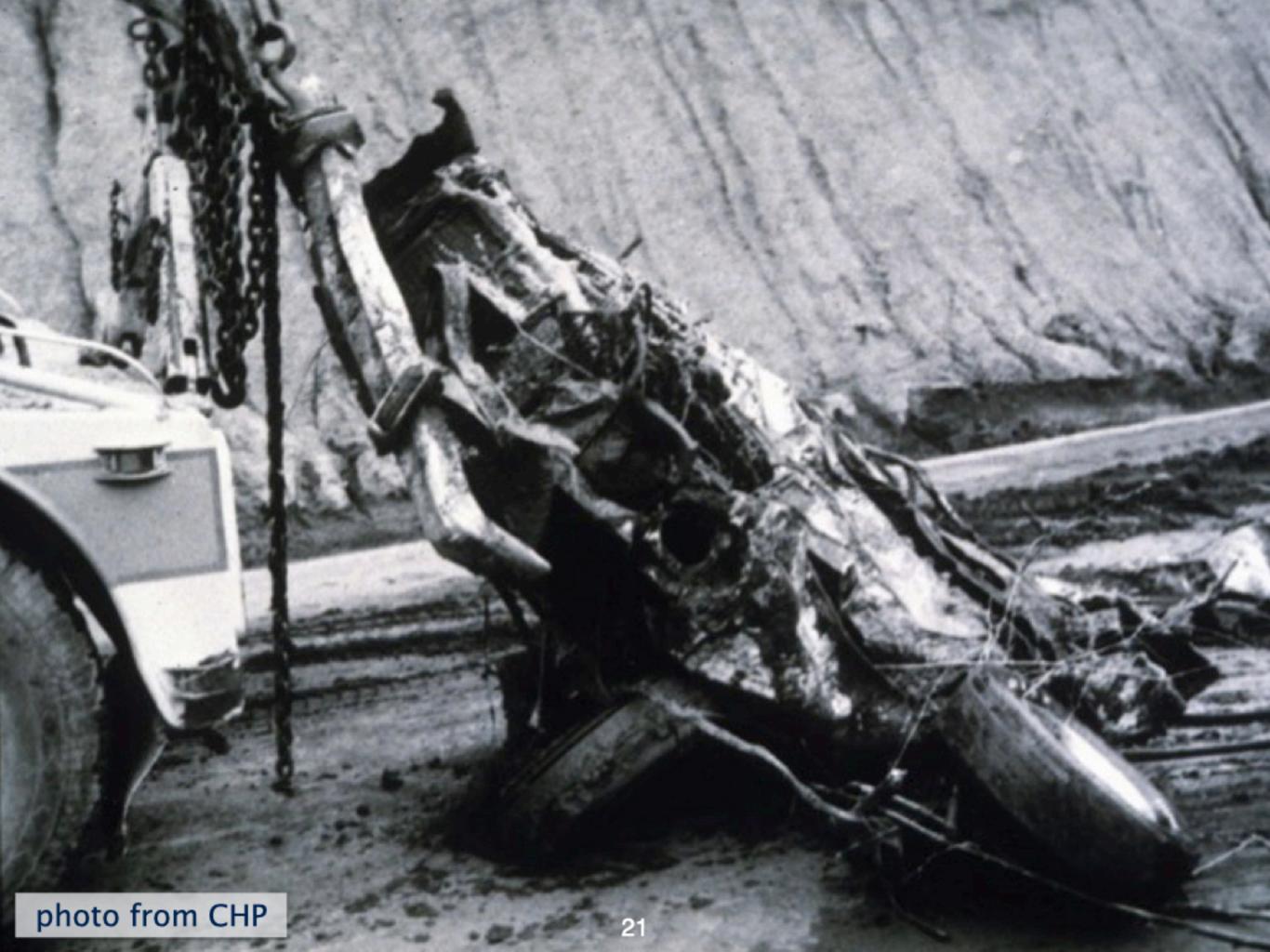


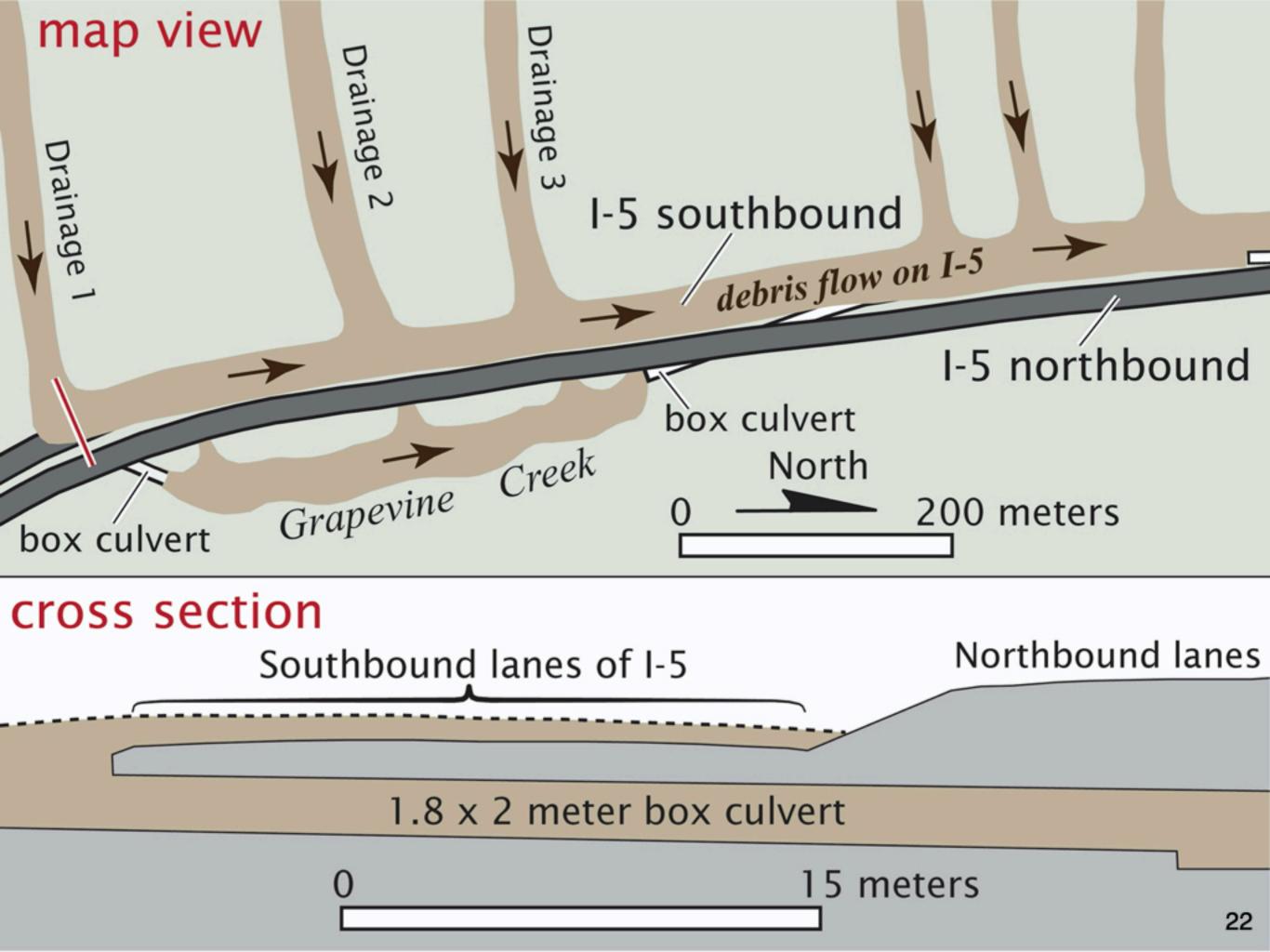














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Velez Family, Christmas 1981

- · Bill Velez, father
- · Barbara Velez, mother
- · Michelle, age 14
- · Billy, age 7
- · Melissa, age 4

"We have completed an investigation of the soil/*geologic conditions* of the subject site...

The investigation consisted of a soil and foundation study and a geologic reconnaissance of the local area...

Our findings indicate that the site is suitable for the proposed residential use..."



Steep hill ~280 ft high behind the houses

Velez house

Neighboring house pushed into Velez house



 The source of the debris was on the other side of the property line.

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- Colluvium-filled swales were not commonly recognized as potential hazards — it was beyond standard practice.

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- Colluvium-filled swales were not commonly recognized as potential hazards — it was beyond standard practice.
- This project was driven by the developer and engineers. Site geology was a minor consideration.





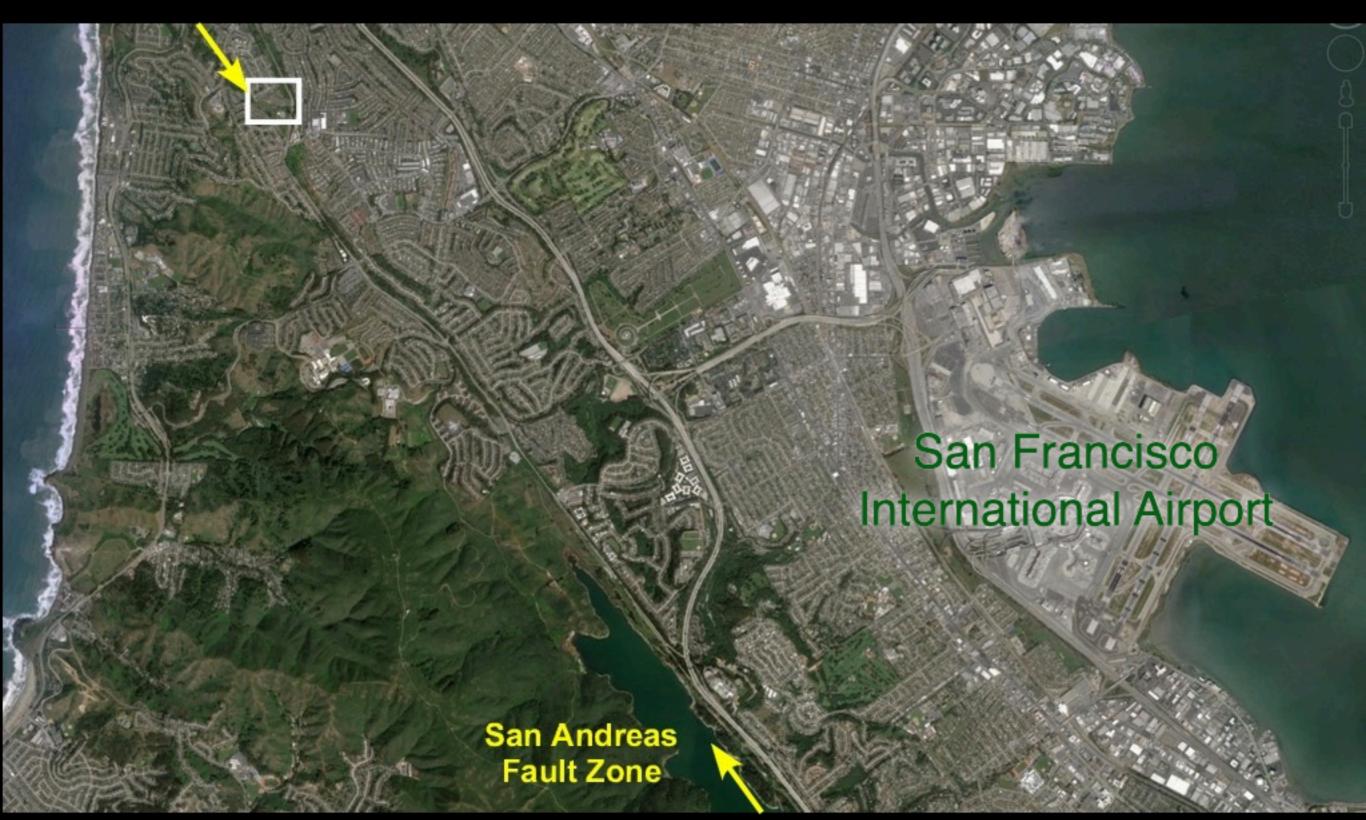




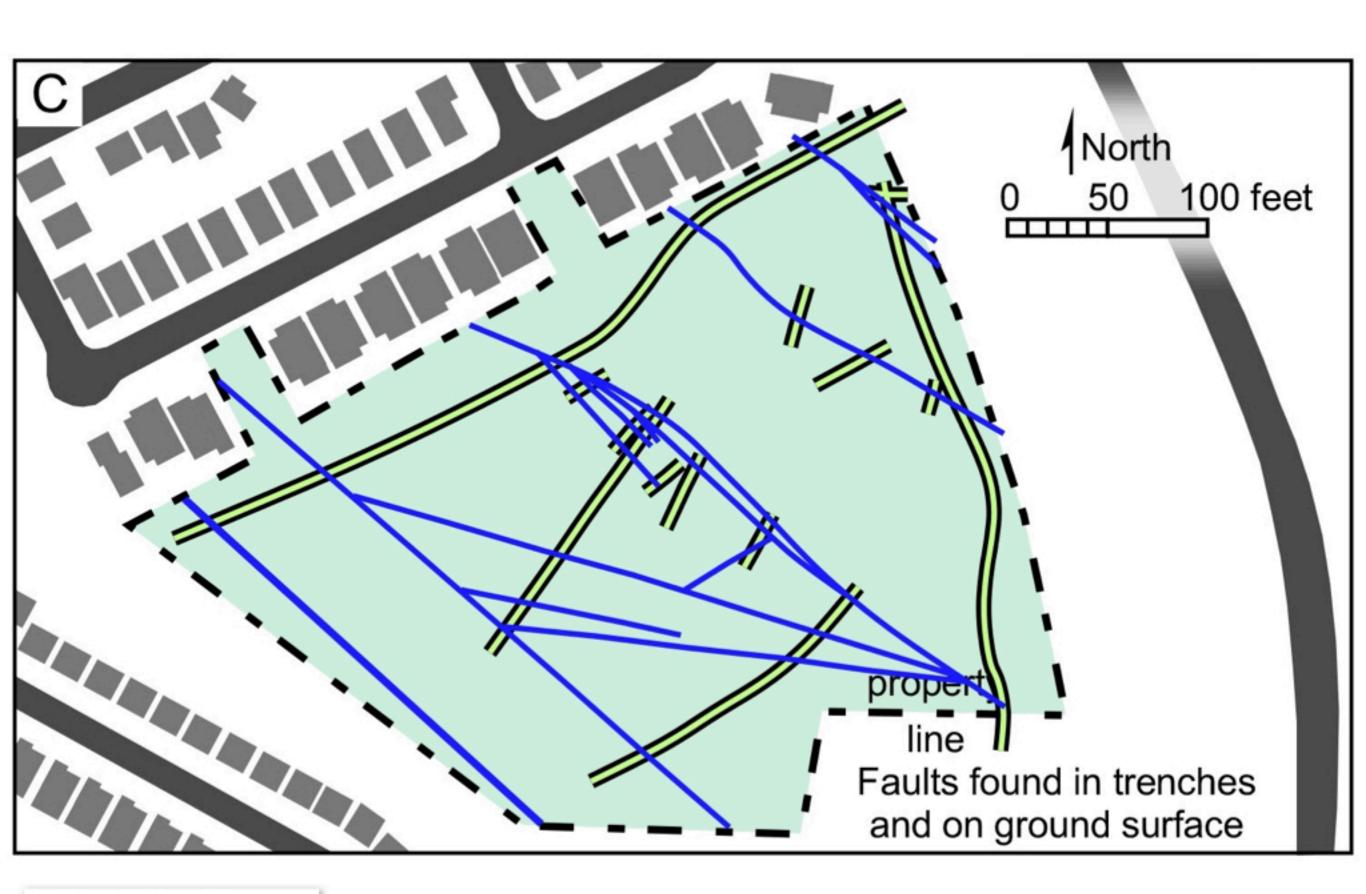
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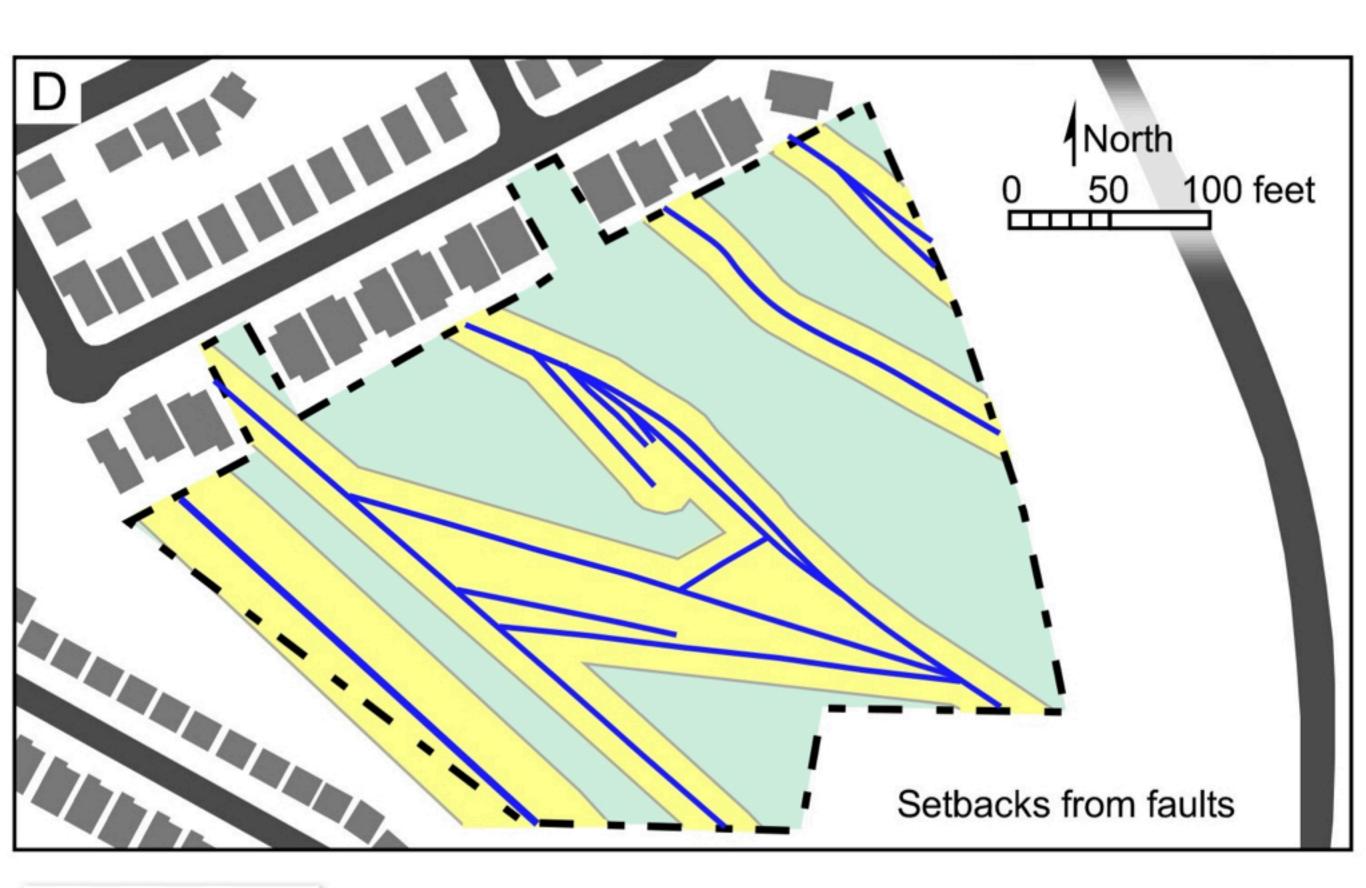


New Construction Within the San Andreas Fault Zone, Pacifica, California

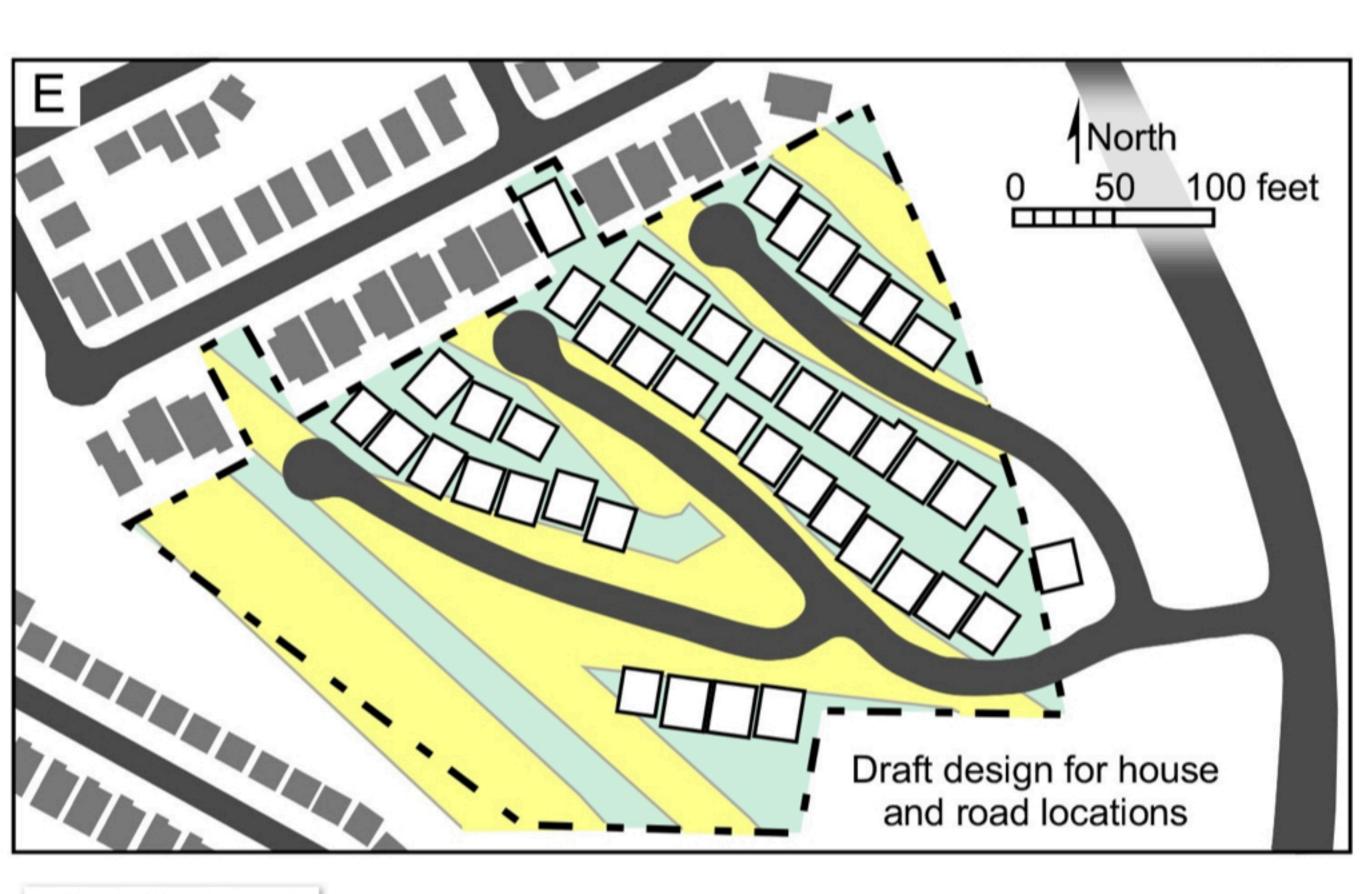




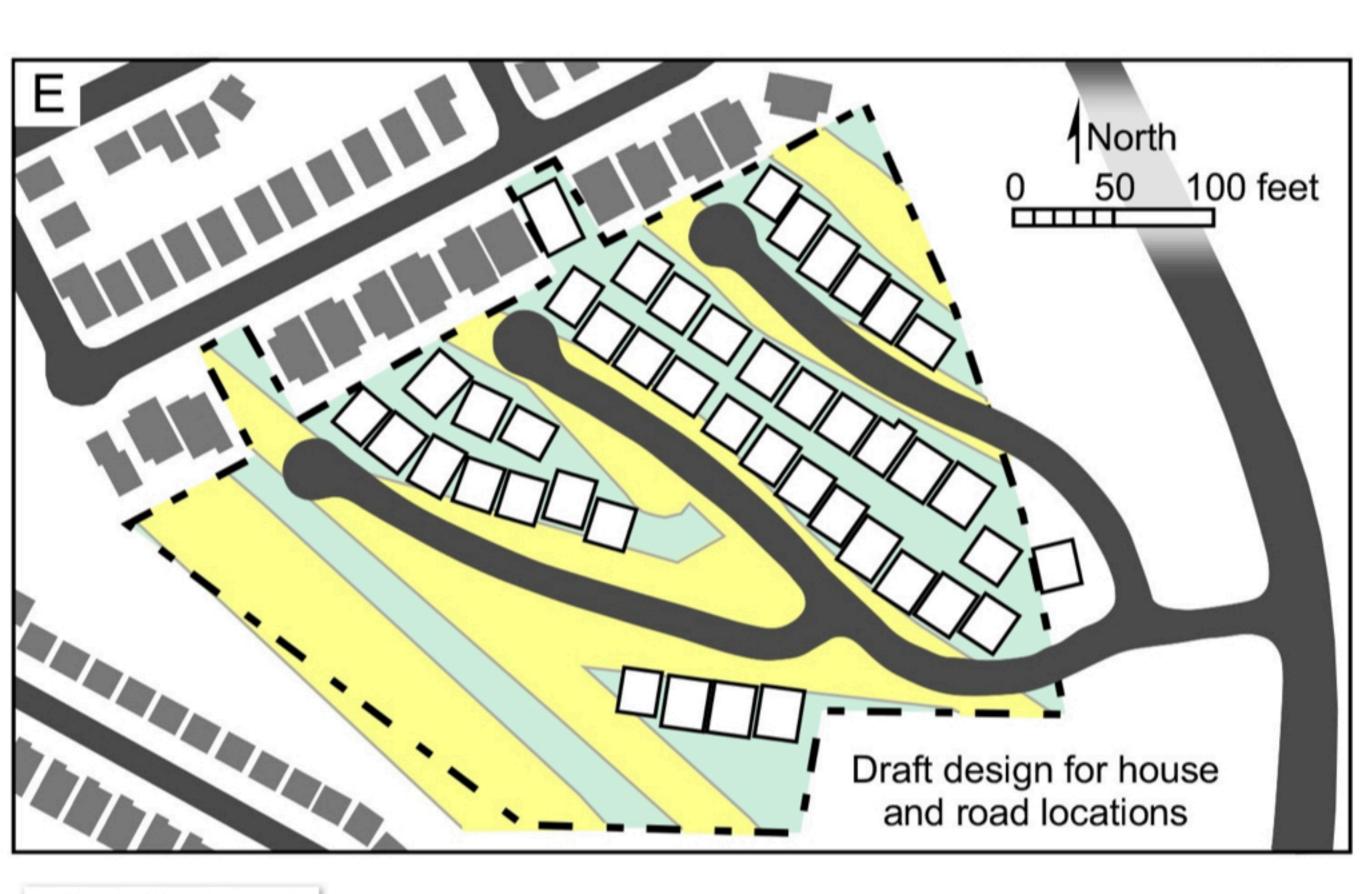




after W.A. Bryant



after W.A. Bryant



after W.A. Bryant



Google Earth image

March, 2015



Slosson's Law

Practice will drop to the lowest level permitted by the administration and enforcement of applicable law.

Slosson's Law

Practice will drop to the lowest level permitted by the administration and enforcement of applicable law.

(We can do better.)

We must support the positive evolution of codes, and the enforcement of codes, so they can better protect public safety.

Primacy Clause in Codes of Professional Ethics

In our professional work, the health, safety, and well-being of the public are paramount.

Robert Tepel

Business decisions do not outweigh our professional obligation to protect the public.

We must be stewards of Earth's environment.

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Our development activities should be of sustainable benefit to society.

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Our development activities should be of sustainable benefit to society.

We must avoid or effectively mitigate potential hazardous consequences of projects in which we participate.



https://CroninProjects.org/Jahns/