San Francisco pre-1980 concrete building count

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San Francisco
Four questions

- In San Francisco, how many …
  - Buildings (demographics, economics)
  - Pre-1980 buildings (history)
  - Concrete buildings (engineering, insurance)
  - Pre-1980 concrete buildings
Sources

- Counts and surveys
  - Assessor’s data collected by CAPSS
  - Building permit data
  - Loss estimates

- Plans and histories
  - Past and current land use plans
  - Historic preservation studies
  - Housing and economic reports
  - Engineering firm archives

- Field work
### Assessor’s data

- **Limited reliability**

<table>
<thead>
<tr>
<th>Construction type</th>
<th>1975 or earlier</th>
<th>Post-1975</th>
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</thead>
<tbody>
<tr>
<td>All</td>
<td>158,325</td>
<td>21,122</td>
</tr>
<tr>
<td>Steel or wood</td>
<td>143,899 (91%)</td>
<td>18,039 (85%)</td>
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<tr>
<td>“Special” or unknown</td>
<td>8797 (6%)</td>
<td>1293 (6%)</td>
</tr>
<tr>
<td>Reinforced concrete</td>
<td>1306 (0.8%)</td>
<td>255 (1.2%)</td>
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<tr>
<td>Masonry or concrete</td>
<td>4323 (3%)</td>
<td>1535 (7%)</td>
</tr>
</tbody>
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- **Minimum: 1300**
- **Maximum: 1306 + 4323 - 1800 URM = 3800**
Historic data
Geary Boulevard

- 38 blocks, 2 sides
- ~365 buildings
- ~20 NDC buildings
Potrero-Mission district

- Downtown + commercial, light industrial
- 46 block area
- Mostly pre-1950
Potrero-Mission district

- 46 block area
- ~45 NDC buildings
- ~9/45 retrofitted
Potrero-Mission warehouses
USF

- 25 major buildings?
- 10 probable pre-1980 concrete?
Extrapolation

- **Corridors**
  - Geary x 6? = 20x6 = 120

- **Districts**
  - Mission-Potrero x 15? = 45x15 = 675

- **Campuses**
  - USF x 5? = 10x5 = 50

- **Total:** 845, say 900-1000