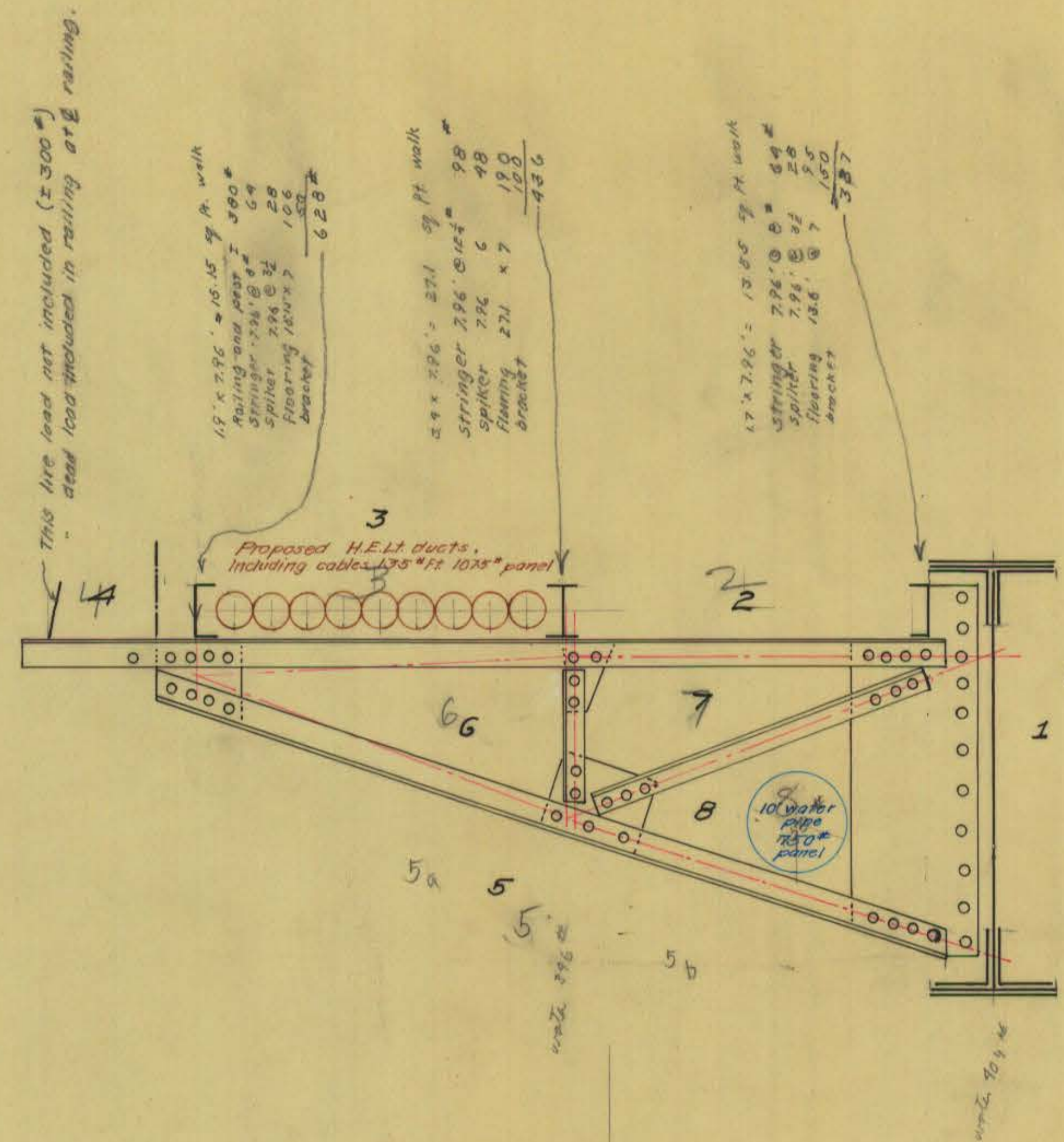
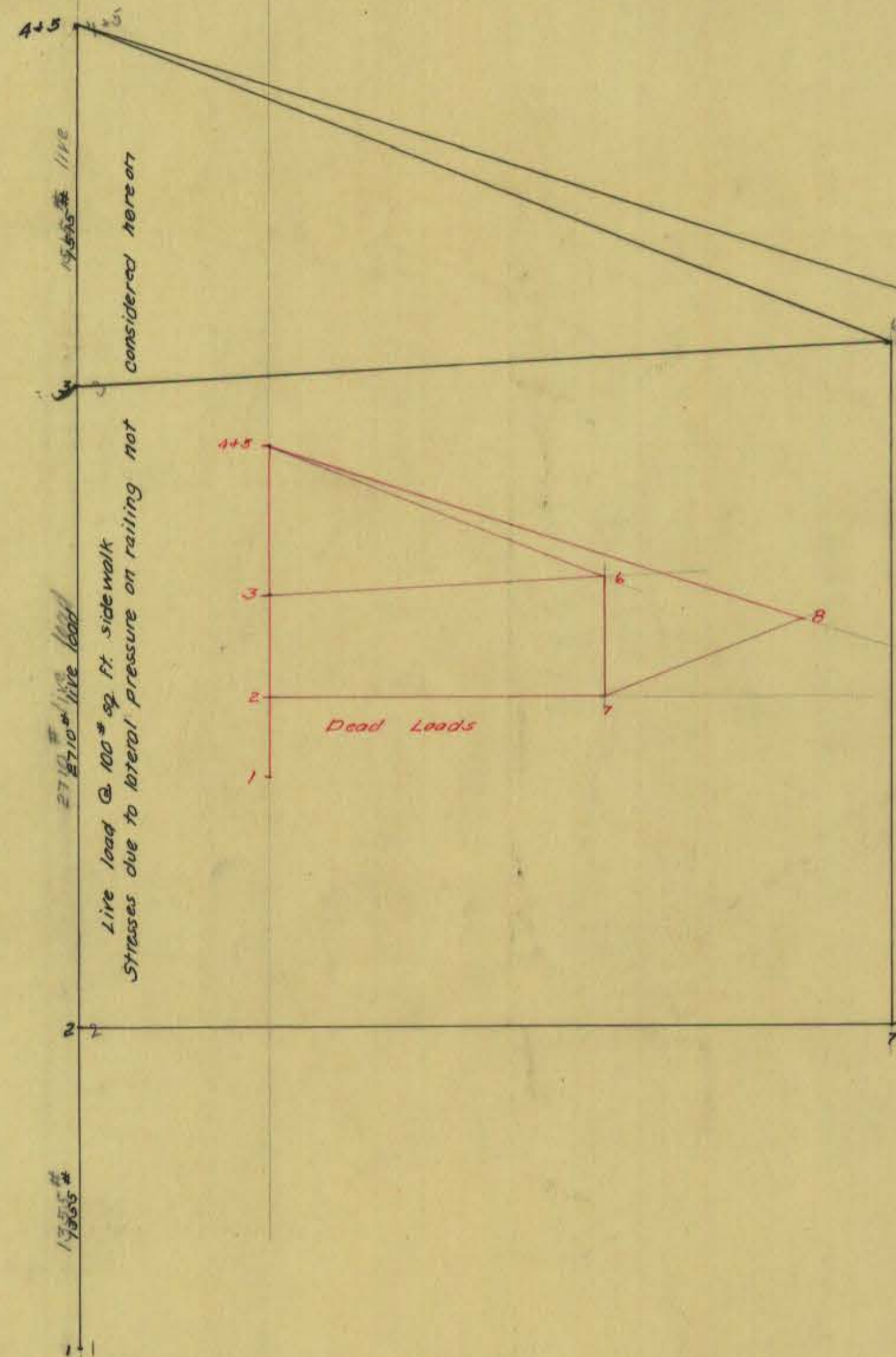




| Member                  | Top chord | Bottom chord | Strut  | Web   |
|-------------------------|-----------|--------------|--------|-------|
| Original dead load      | 1420      | 1420         | 1520   | 2370  |
| Live load 100 lb sq ft  | 3450      | 3450         | 3700   | 8260  |
| Original Stress         | 4870      | 4870         | 5220   | 10630 |
| Water main stress       | -         | -            | -      | 510   |
| Present Stress          | 4870      | 4870         | 5220   | 11140 |
| Proposed H.E.L.T. ducts | 1210      | 1210         | 1300   | 2280  |
| Proposed Stress         | 6080      | 6080         | 6520   | 13420 |
| Safe Stress - member    | 44,300    | 42,000       | 19,000 | 19700 |
| rivets                  | 23,500    | 28,120       | 10,600 | 15900 |

Bridge, Albany Ave. over C.N.E.R.R.  
 Sidewalk bracket - Study effect of proposed H.E.L.T. ducts.  
 Scale of stress diagrams 1"=500" March 1923

See also 66  
 16A