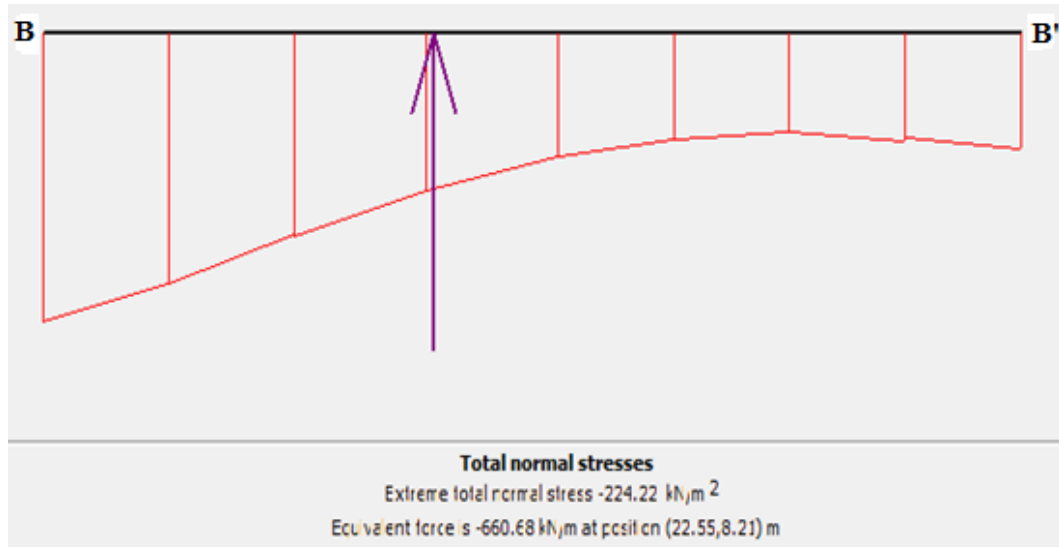


LAMPIRAN

Lampiran 1. Stabilitas Internal Pada Potongan B-B' Dengan Kondisi Muka Air Normal Tanpa Beban Gempa

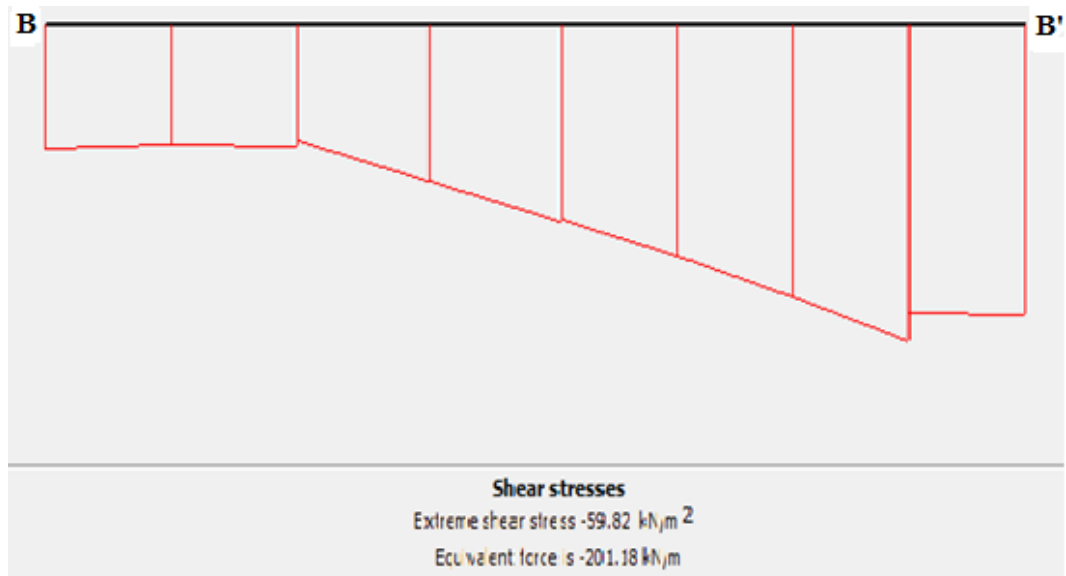
Gambar L1 Tegangan Tarik Potongan B-B' tanpa Beban Gempa



Tabel L1 Tegangan Tarik Potongan B-B' tanpa Beban Gempa

| X [m] | Y [m] | σ_N [kN/m ²] |
|----------|----------|------------------------------------|
| 20.40 | 8.21 | -224.22 |
| 21.09 | 8.21 | -195.47 |
| 21.79 | 8.21 | -156.19 |
| 21.79 | 8.21 | -157.38 |
| 22.51 | 8.21 | -122.26 |
| 23.24 | 8.21 | -95.52 |
| 23.24 | 8.21 | -95.98 |
| 23.87 | 8.21 | -82.26 |
| 24.51 | 8.21 | -76.43 |
| 25.15 | 8.21 | -83.82 |
| 25.15 | 8.21 | -81.40 |
| 25.79 | 8.21 | -89.28 |

Gambar L2 Tegangan Geser Potongan B-B' tanpa Beban Gempa

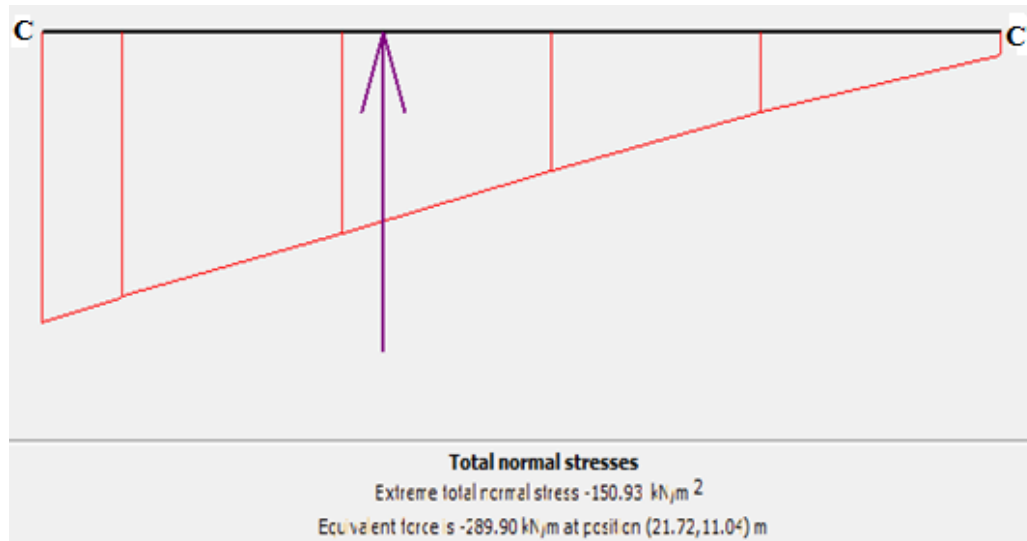


Tabel L2 Tegangan Geser Potongan B-B' tanpa Beban Gempa

| X [m] | Y [m] | τ [kN/m ²] |
|----------|----------|--------------------------------|
| 20.40 | 8.21 | -23.45 |
| 21.09 | 8.21 | -22.51 |
| 21.79 | 8.21 | -23.05 |
| 21.79 | 8.21 | -21.92 |
| 22.51 | 8.21 | -29.46 |
| 23.24 | 8.21 | -37.25 |
| 23.24 | 8.21 | -36.96 |
| 23.87 | 8.21 | -43.85 |
| 24.51 | 8.21 | -51.46 |
| 25.15 | 8.21 | -59.82 |
| 25.15 | 8.21 | -54.46 |
| 25.79 | 8.21 | -55.10 |

Lampiran 2. Stabilitas Internal Pada Potongan C-C' Dengan Kondisi Muka Air Normal Tanpa Beban Gempa

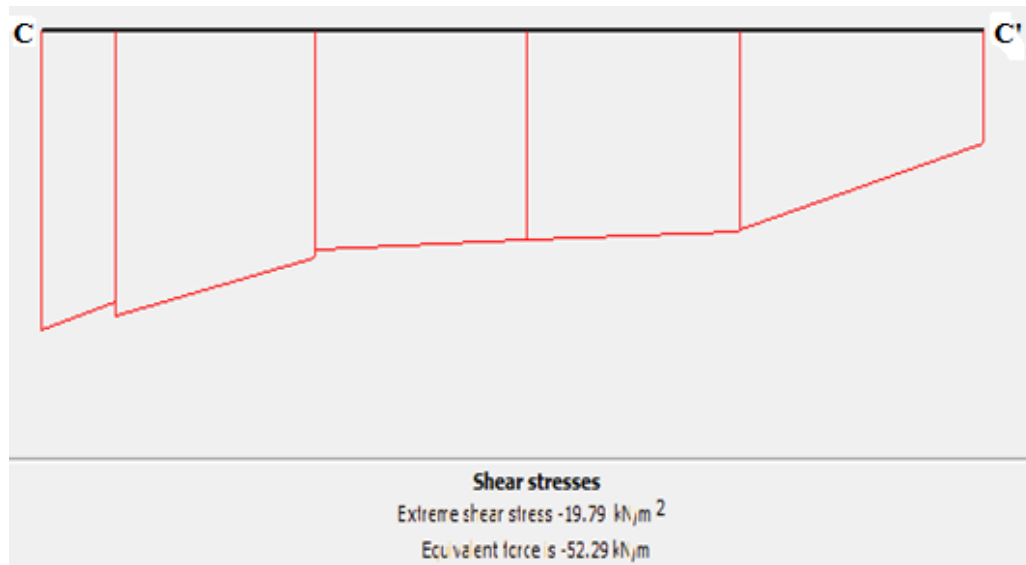
Gambar L3 Tegangan Tarik Potongan C-C' tanpa Beban Gempa



Tabel L3 Tegangan Tarik Potongan C-C' tanpa Beban Gempa

| X [m] | Y [m] | σ_N [kN/m ²] |
|----------|----------|------------------------------------|
| 20.40 | 11.04 | -150.93 |
| 20.71 | 11.04 | -138.57 |
| 20.71 | 11.04 | -138.02 |
| 21.56 | 11.04 | -105.07 |
| 21.56 | 11.04 | -105.17 |
| 22.36 | 11.04 | -72.31 |
| 23.17 | 11.04 | -41.75 |
| 23.17 | 11.04 | -41.85 |
| 24.09 | 11.04 | -11.93 |

Gambar L4 Tegangan Geser Potongan C-C' tanpa Beban Gempa

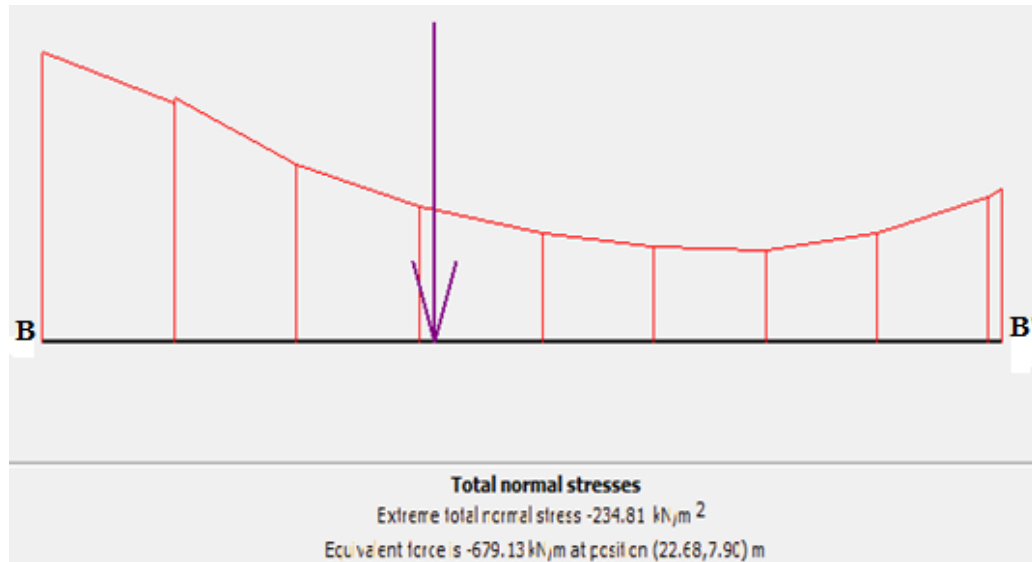


Tabel L4 Tegangan Geser Potongan C-C' tanpa Beban Gempa

| X [m] | Y [m] | τ [kN/m ²] |
|----------|----------|--------------------------------|
| 20.40 | 10.97 | -19.79 |
| 20.69 | 10.97 | -17.93 |
| 20.69 | 10.97 | -18.88 |
| 21.48 | 10.97 | -15.04 |
| 21.48 | 10.97 | -14.52 |
| 22.32 | 10.97 | -13.90 |
| 23.16 | 10.97 | -13.33 |
| 23.16 | 10.97 | -13.21 |
| 24.13 | 10.97 | -7.50 |

Lampiran 3. Stabilitas Internal Pada Potongan B-B' Dengan Kondisi Muka Air Normal Dengan Beban Gempa

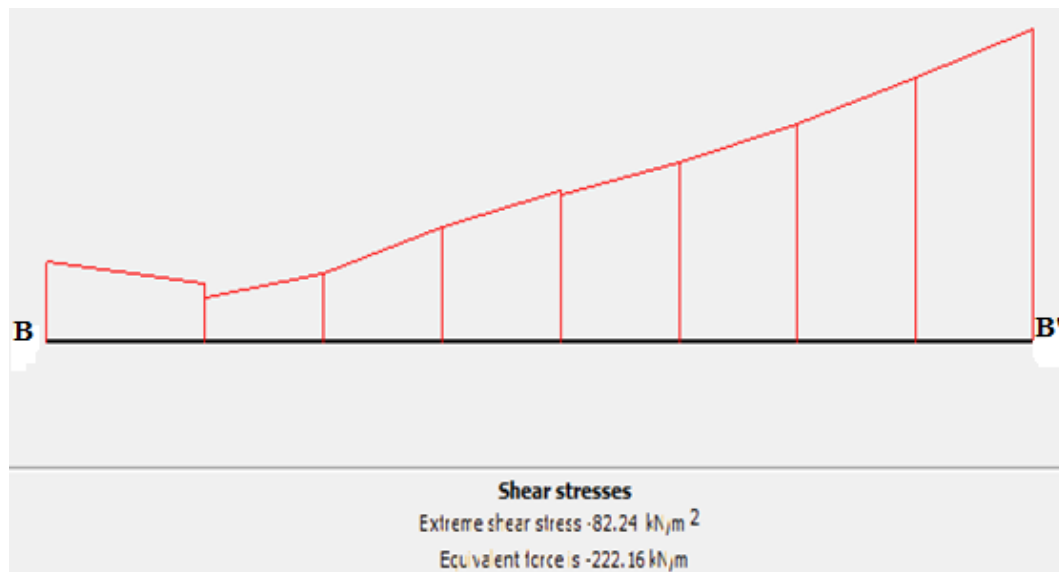
Gambar L5 Tegangan Desak Potongan B-B' dengan Beban Gempa



Tabel L5 Tegangan Desak Potongan B-B' dengan Beban Gempa

| X [m] | Y [m] | σ_N [kN/m ²] |
|----------|----------|------------------------------------|
| 25.98 | 7.90 | -123.95 |
| 25.90 | 7.90 | -117.76 |
| 25.90 | 7.90 | -117.94 |
| 25.25 | 7.90 | -88.94 |
| 24.60 | 7.90 | -74.75 |
| 23.96 | 7.90 | -77.20 |
| 23.31 | 7.90 | -88.60 |
| 23.31 | 7.90 | -87.74 |
| 22.59 | 7.90 | -109.52 |
| 21.88 | 7.90 | -144.28 |
| 21.16 | 7.90 | -197.50 |
| 21.16 | 7.90 | -192.98 |
| 20.40 | 7.90 | -234.81 |

Gambar L6 Tegangan Geser Potongan B-B' dengan Beban Gempa

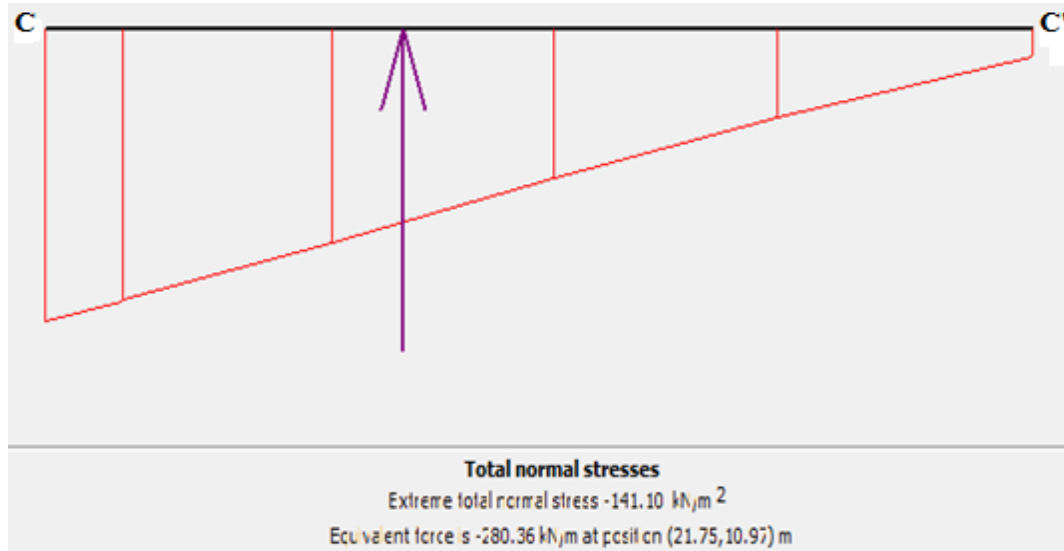


Tabel L6 Tegangan Geser Potongan B-B' dengan Beban Gempa

| X [m] | Y [m] | τ [kN/m ²] |
|----------|----------|--------------------------------|
| 25.98 | 7.90 | -123.95 |
| 25.90 | 7.90 | -117.76 |
| 25.90 | 7.90 | -117.94 |
| 25.25 | 7.90 | -88.94 |
| 24.60 | 7.90 | -74.75 |
| 23.96 | 7.90 | -77.20 |
| 23.31 | 7.90 | -88.60 |
| 23.31 | 7.90 | -87.74 |
| 22.59 | 7.90 | -109.52 |
| 21.88 | 7.90 | -144.28 |
| 21.16 | 7.90 | -197.50 |
| 21.16 | 7.90 | -192.98 |
| 20.40 | 7.90 | -234.81 |

Lampiran 4. Stabilitas Internal Pada Potongan C-C' Dengan Kondisi Muka Air Normal Dengan Beban Gempa

Gambar L7 Tegangan Tarik Potongan C-C' dengan Beban Gempa



Tabel L7 Tegangan Tarik Potongan C-C' dengan Beban Gempa

| X [m] | Y [m] | σ_N [kN/m ²] |
|----------|----------|------------------------------------|
| 20.40 | 10.97 | -141.10 |
| 20.69 | 10.97 | -131.34 |
| 20.69 | 10.97 | -130.41 |
| 21.48 | 10.97 | -103.07 |
| 21.48 | 10.97 | -103.23 |
| 22.32 | 10.97 | -71.79 |
| 23.16 | 10.97 | -42.43 |
| 23.16 | 10.97 | -42.31 |
| 24.13 | 10.97 | -13.08 |

Gambar L8 Tegangan Geser Potongan C-C' dengan Beban Gempa

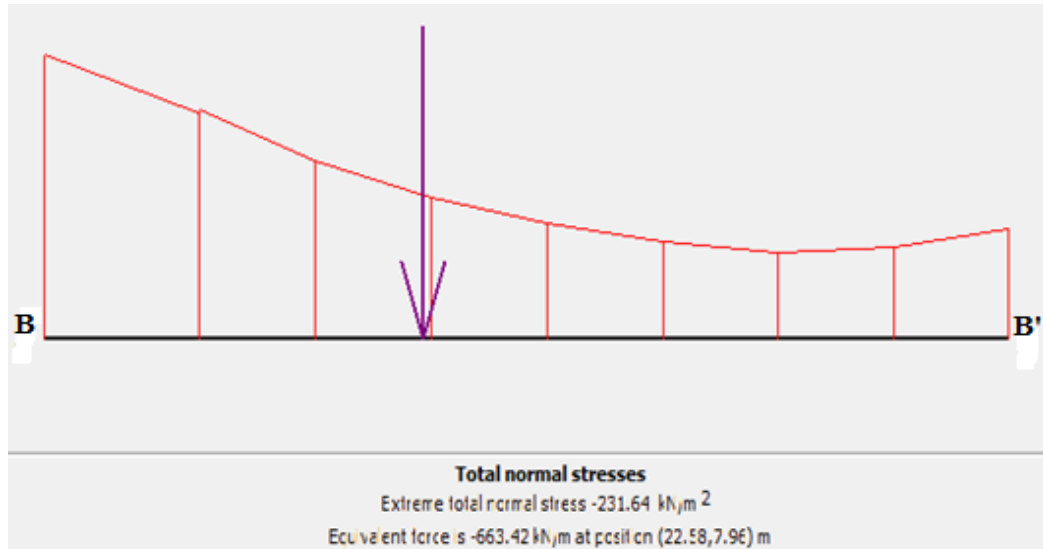


Tabel L8 Tegangan Geser Potongan C-C' dengan Beban Gempa

| X [m] | Y [m] | τ [kN/m ²] |
|----------|----------|--------------------------------|
| 20.40 | 10.97 | -18.15 |
| 20.69 | 10.97 | -13.39 |
| 20.69 | 10.97 | -14.64 |
| 21.48 | 10.97 | -10.75 |
| 21.48 | 10.97 | -10.40 |
| 22.32 | 10.97 | -10.27 |
| 23.16 | 10.97 | -12.20 |
| 23.16 | 10.97 | -12.04 |
| 24.13 | 10.97 | -7.49 |

Lampiran 5. Stabilitas Internal Pada Potongan B-B' Dengan Kondisi Muka Air Ekstrim Tanpa Beban Gempa

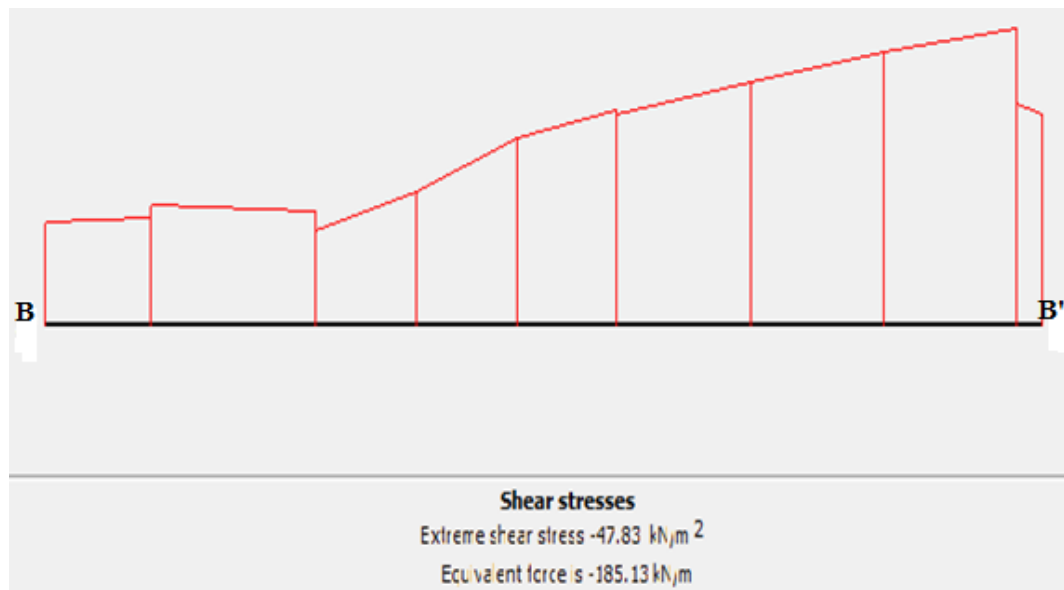
Gambar L9 Tegangan Desak Potongan B-B' tanpa Beban Gempa



Tabel L9 Tegangan Desak Potongan B-B' tanpa Beban Gempa

| X [m] | Y [m] | σ_N [kN/m ²] |
|----------|----------|------------------------------------|
| 25.94 | 7.96 | -15.00 |
| 25.94 | 7.96 | -14.99 |
| 25.94 | 7.96 | -89.58 |
| 25.28 | 7.96 | -75.31 |
| 24.62 | 7.96 | -71.40 |
| 23.96 | 7.96 | -79.83 |
| 23.29 | 7.96 | -95.15 |
| 23.29 | 7.96 | -94.16 |
| 22.63 | 7.96 | -115.46 |
| 21.96 | 7.96 | -144.81 |
| 21.29 | 7.96 | -186.87 |
| 21.29 | 7.96 | -183.92 |
| 20.40 | 7.96 | -231.64 |

Gambar L10 Tegangan Geser Potongan B-B' tanpa Beban Gempa

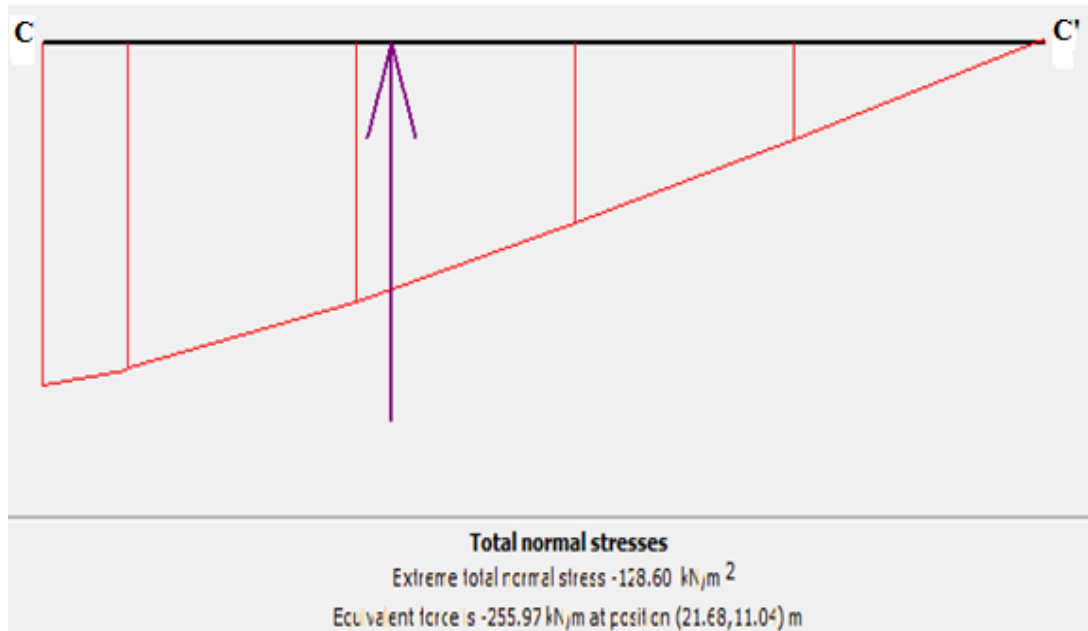


Tabel L10 Tegangan Geser Potongan B-B' tanpa Beban Gempa

| X [m] | Y [m] | τ [kN/m ²] |
|----------|----------|--------------------------------|
| 25.90 | 8.03 | -34.02 |
| 25.74 | 8.03 | -35.78 |
| 25.74 | 8.03 | -47.83 |
| 24.92 | 8.03 | -43.82 |
| 24.10 | 8.03 | -39.11 |
| 23.28 | 8.03 | -34.03 |
| 23.28 | 8.03 | -34.64 |
| 22.66 | 8.03 | -29.94 |
| 22.03 | 8.03 | -21.57 |
| 21.41 | 8.03 | -15.29 |
| 21.41 | 8.03 | -18.48 |
| 20.40 | 8.03 | -19.32 |
| 20.40 | 8.03 | -17.24 |
| 19.74 | 8.03 | -16.6287 |

Lampiran 6. Stabilitas Internal Pada Potongan C-C' Dengan Kondisi Muka Air Ekstrim Tanpa Beban Gempa

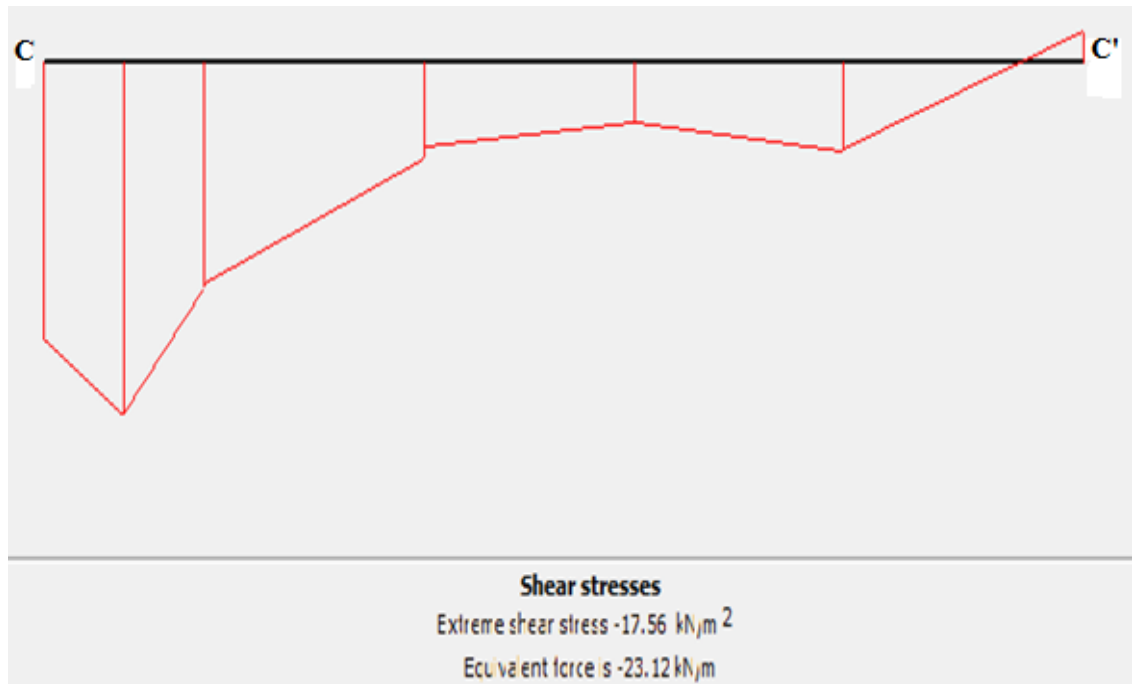
Gambar L11 Tegangan Tarik Potongan C-C' tanpa Beban Gempa



Tabel L11 Tegangan Tarik Potongan C-C' tanpa Beban Gempa

| X [m] | Y [m] | σ_N [kN/m ²] |
|----------|----------|------------------------------------|
| 20.40 | 11.04 | -128.60 |
| 20.71 | 11.04 | -122.82 |
| 20.71 | 11.04 | -122.41 |
| 21.56 | 11.04 | -96.94 |
| 21.56 | 11.04 | -96.94 |
| 22.36 | 11.04 | -67.30 |
| 23.17 | 11.04 | -36.81 |
| 23.17 | 11.04 | -36.62 |
| 24.09 | 11.04 | 1.56 |

Gambar L12 Tegangan Geser Potongan C-C' tanpa Beban Gempa

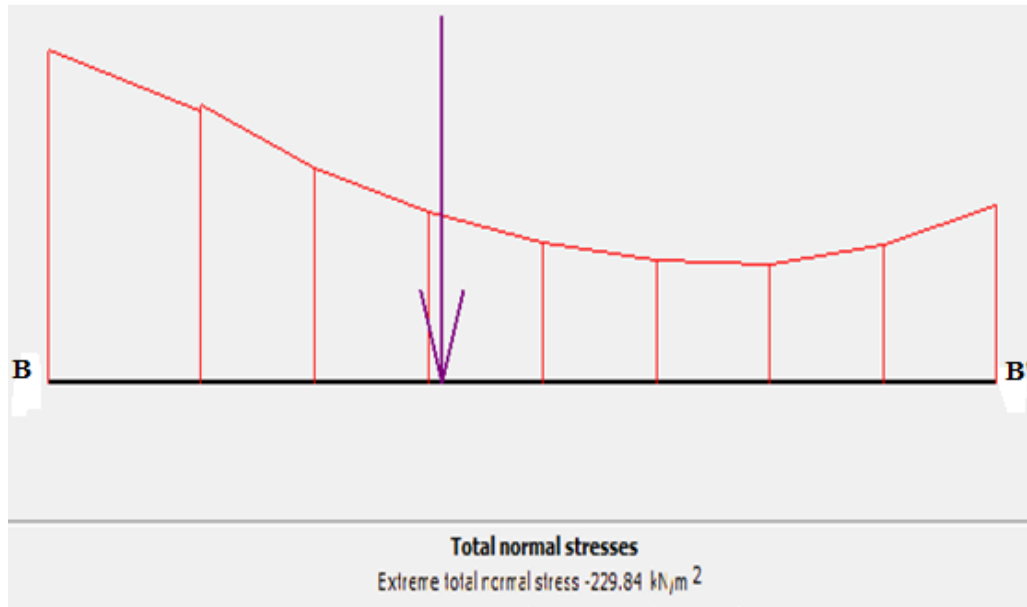


Tabel L12 Tegangan Geser Potongan C-C' tanpa Beban Gempa

| X [m] | Y [m] | τ [kN/m ²] |
|----------|----------|--------------------------------|
| 20.10 | 11.04 | -13.83 |
| 20.40 | 11.04 | -17.56 |
| 20.40 | 11.04 | -17.45 |
| 20.71 | 11.04 | -11.22 |
| 20.71 | 11.04 | -11.02 |
| 21.56 | 11.04 | -4.82 |
| 21.56 | 11.04 | -4.17 |
| 22.36 | 11.04 | -3.04 |
| 23.17 | 11.04 | -4.42 |
| 23.17 | 11.04 | -4.37 |
| 24.09 | 11.04 | 1.52 |

Lampiran 7. Stabilitas Internal Berupa Pada Potongan B-B' Dengan Kondisi Muka Air Ekstrim Dengan Beban Gempa

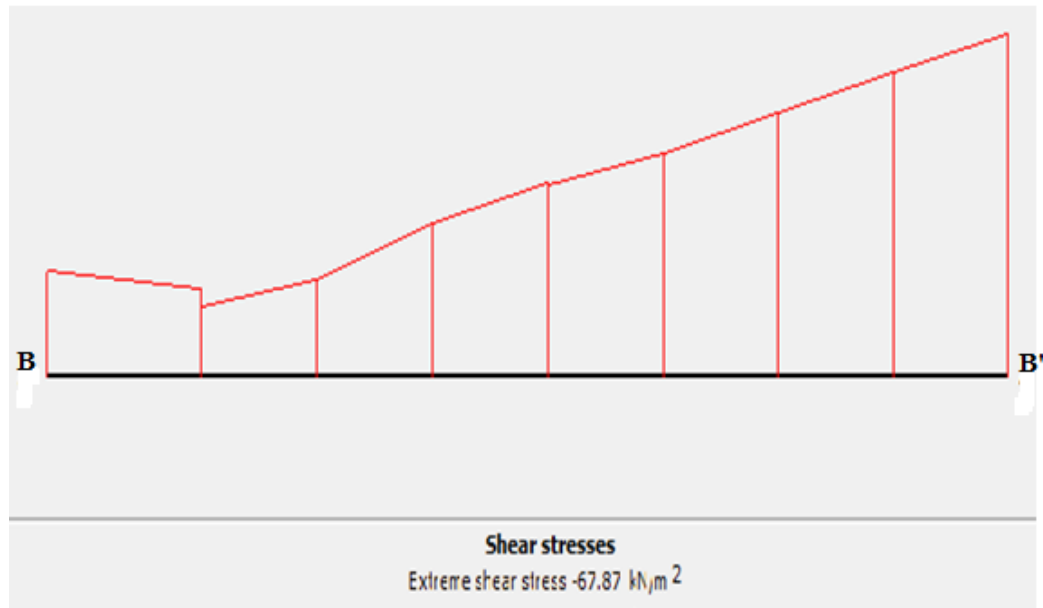
Gambar L13 Tegangan Desak Potongan B-B' dengan Beban Gempa



Tabel L13 Tegangan Desak Potongan B-B' dengan Beban Gempa

| X [m] | Y [m] | σ_N [kN/m ²] |
|----------|----------|------------------------------------|
| 25.94 | 7.96 | -123.48 |
| 25.28 | 7.96 | -96.27 |
| 24.62 | 7.96 | -82.68 |
| 23.96 | 7.96 | -85.55 |
| 23.29 | 7.96 | -97.57 |
| 23.29 | 7.96 | -96.60 |
| 22.63 | 7.96 | -117.79 |
| 21.96 | 7.96 | -148.52 |
| 21.29 | 7.96 | -192.29 |
| 21.29 | 7.96 | -187.82 |
| 20.40 | 7.96 | -229.84 |

Gambar L14 Tegangan Geser Potongan B-B' dengan Beban Gempa

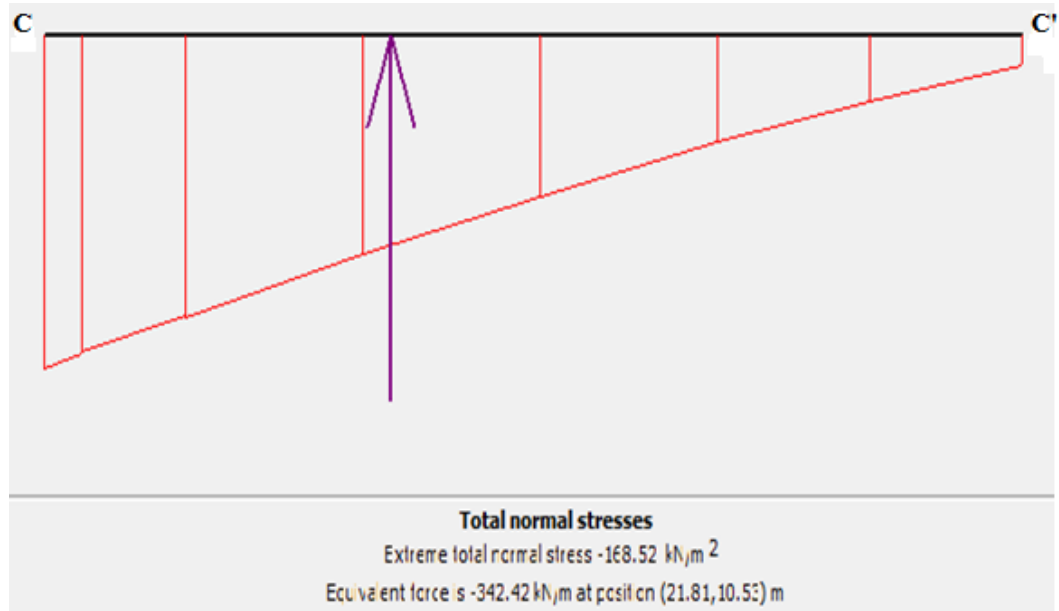


Tabel L14 Tegangan Geser Potongan B-B' dengan Beban Gempa

| X [m] | Y [m] | τ [kN/m ²] |
|----------|----------|--------------------------------|
| 25.94 | 7.96 | -67.87 |
| 25.28 | 7.96 | -60.42 |
| 24.62 | 7.96 | -52.32 |
| 23.96 | 7.96 | -44.58 |
| 23.29 | 7.96 | -38.01 |
| 23.29 | 7.96 | -38.43 |
| 22.63 | 7.96 | -30.65 |
| 21.96 | 7.96 | -19.29 |
| 21.29 | 7.96 | -14.15 |
| 21.29 | 7.96 | -17.70 |
| 20.40 | 7.96 | -20.92 |

Lampiran 8. Stabilitas Internal Pada Potongan C-C' Dengan Kondisi Muka Air Ekstrim Dengan Beban Gempa

Gambar L15 Tegangan Tarik Potongan C-C' dengan Beban Gempa



Tabel L15 Tegangan Tarik Potongan C-C' dengan Beban Gempa

| X [m] | Y [m] | σ_N [kN/m ²] |
|----------|----------|------------------------------------|
| 20.40 | 10.53 | -168.52 |
| 20.56 | 10.53 | -161.13 |
| 20.56 | 10.53 | -160.05 |
| 20.98 | 10.53 | -141.88 |
| 20.98 | 10.53 | -143.23 |
| 21.70 | 10.53 | -110.76 |
| 22.42 | 10.53 | -81.56 |
| 23.15 | 10.53 | -53.85 |
| 23.15 | 10.53 | -53.82 |
| 23.77 | 10.53 | -33.86 |
| 24.39 | 10.53 | -15.58 |

Gambar L16 Tegangan Geser Potongan C-C' dengan Beban Gempa



Tabel L16 Tegangan Geser Potongan C-C' dengan Beban Gempa

| X [m] | Y [m] | τ [kN/m ²] |
|----------|----------|--------------------------------|
| 20.40 | 10.60 | -18.17 |
| 20.58 | 10.60 | -17.02 |
| 20.58 | 10.60 | -19.78 |
| 21.05 | 10.60 | -17.34 |
| 21.05 | 10.60 | -17.52 |
| 21.75 | 10.60 | -16.31 |
| 22.45 | 10.60 | -16.86 |
| 23.15 | 10.60 | -16.74 |
| 23.15 | 10.60 | -16.45 |
| 23.75 | 10.60 | -14.18 |
| 24.35 | 10.60 | -8.04 |