

Statik für Windows



| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------------|---|--|-----------------|--------|-----------------|--------|-------------|--------|-------------------|-------|--------------------|-------|---------------|---------|------------|-----------|-------------|-----------|--------------|------|----------------|-----------|---------------------|-----------|-----------------|---------------------|
| Objekt-Nr.: | | erstellt am: 19.05.2012 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Objekt: | | Architekt: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Straße: | | Bauherr: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ort: | | Bearbeiter: | | | | | | | | | | | | | | | | | | | | | | | | | |
| System: Sparren - System 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eingaben: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table style="width: 100%; border: none;"> <tr><td>Sparrenlänge l:</td><td style="text-align: right;">401 cm</td></tr> <tr><td>Systembreite b:</td><td style="text-align: right;">347 cm</td></tr> <tr><td>Dachhöhe h:</td><td style="text-align: right;">200 cm</td></tr> <tr><td>Achsraster links:</td><td style="text-align: right;">90 cm</td></tr> <tr><td>Achsraster rechts:</td><td style="text-align: right;">90 cm</td></tr> <tr><td>Durchbiegung:</td><td style="text-align: right;">1,34 cm</td></tr> <tr><td>Staudruck:</td><td style="text-align: right;">0,5 kN/m²</td></tr> <tr><td>Schneelast:</td><td style="text-align: right;">1,8 kN/m²</td></tr> <tr><td>Dachneigung:</td><td style="text-align: right;">30 °</td></tr> <tr><td>Glaslast Dach:</td><td style="text-align: right;">0,3 kN/m²</td></tr> <tr><td>Profillast Sparren:</td><td style="text-align: right;">0,05 kN/m</td></tr> <tr><td>Elementteilung:</td><td style="text-align: right;">Zweimal geteilt 1/3</td></tr> </table> | | Sparrenlänge l: | 401 cm | Systembreite b: | 347 cm | Dachhöhe h: | 200 cm | Achsraster links: | 90 cm | Achsraster rechts: | 90 cm | Durchbiegung: | 1,34 cm | Staudruck: | 0,5 kN/m² | Schneelast: | 1,8 kN/m² | Dachneigung: | 30 ° | Glaslast Dach: | 0,3 kN/m² | Profillast Sparren: | 0,05 kN/m | Elementteilung: | Zweimal geteilt 1/3 |
| Sparrenlänge l: | 401 cm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Systembreite b: | 347 cm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dachhöhe h: | 200 cm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Achsraster links: | 90 cm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Achsraster rechts: | 90 cm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Durchbiegung: | 1,34 cm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Staudruck: | 0,5 kN/m² | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schneelast: | 1,8 kN/m² | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dachneigung: | 30 ° | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Elementteilung: | Zweimal geteilt 1/3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ergebnisse: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jx aus Eigenlast: | | 99.70 cm ⁴ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jx aus Wind- und Schneelast: | | 477.67 cm ⁴ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jx Gesamt: | | 577.37 cm⁴ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Profilauswahl: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pfosten (Vertikale) Profile: | | Riegel (Horizontale) Profile: | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Version 1.5a | | Copyright © 2000, W. HARTMANN & CO. | | | | | | | | | | | | | | | | | | | | | | | | | |

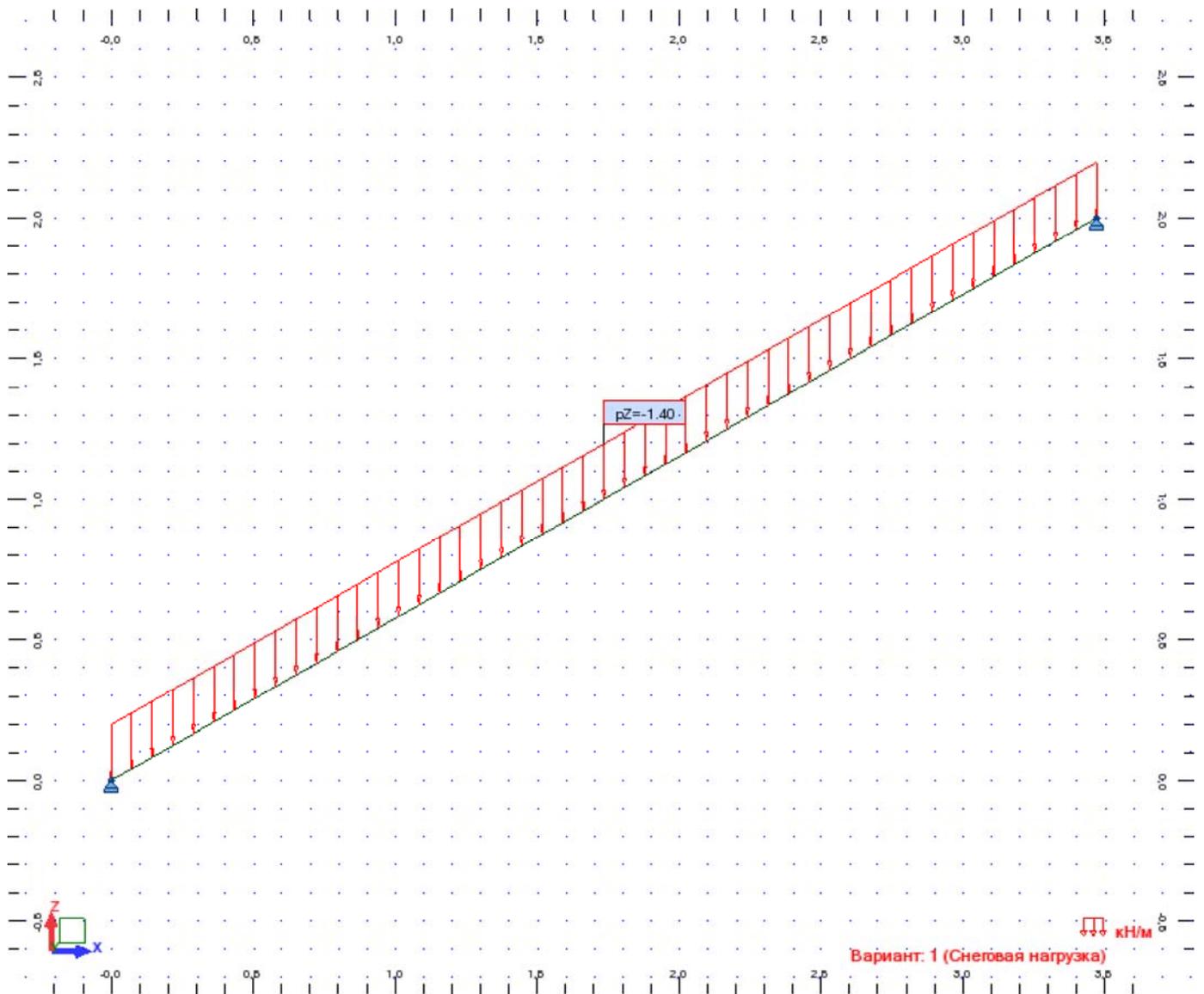
ТИТУЛЬНЫЙ ЛИСТ

Проект: Односкатная крыша (стропила 4000мм, шаг 900мм)

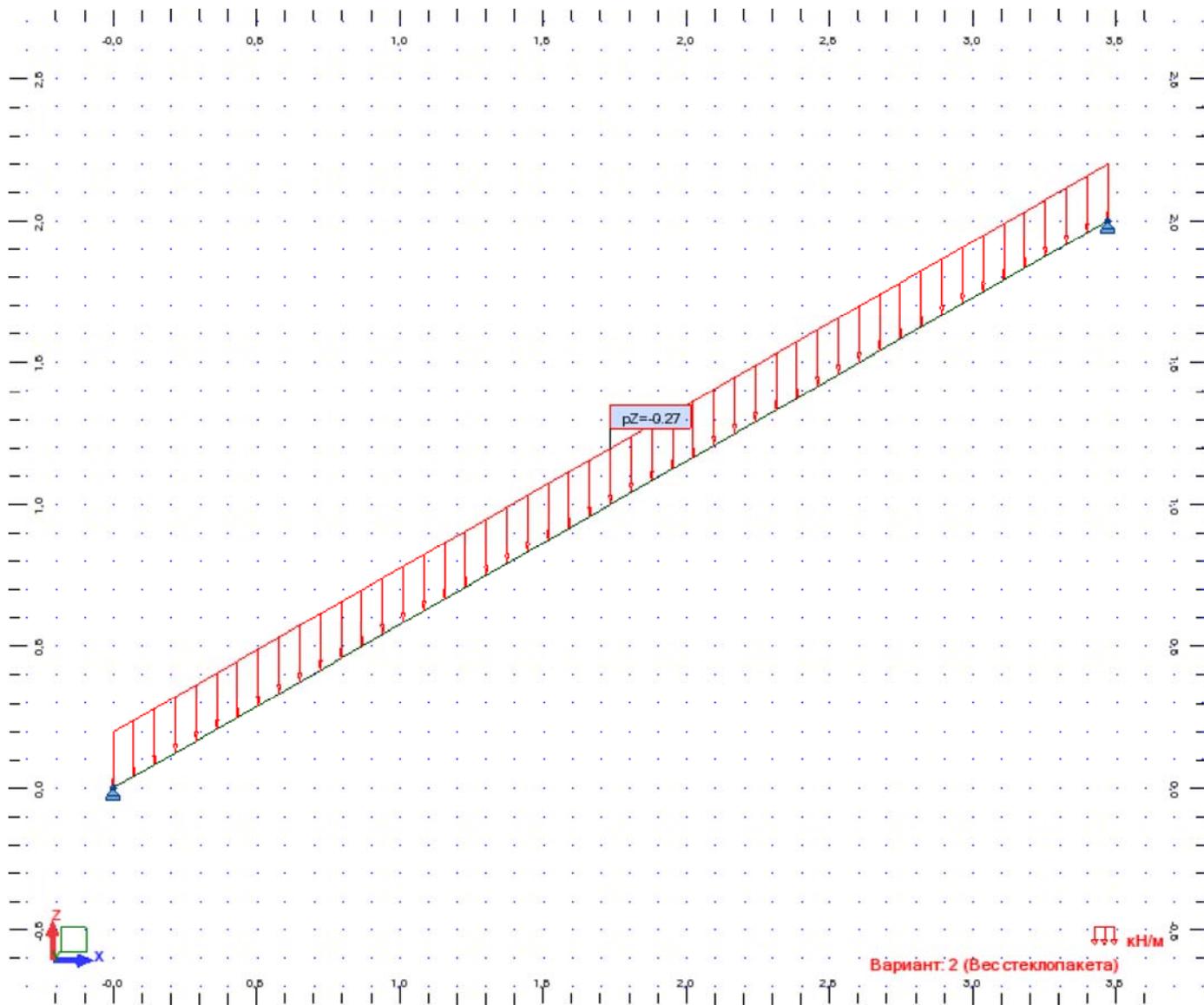
Автор :

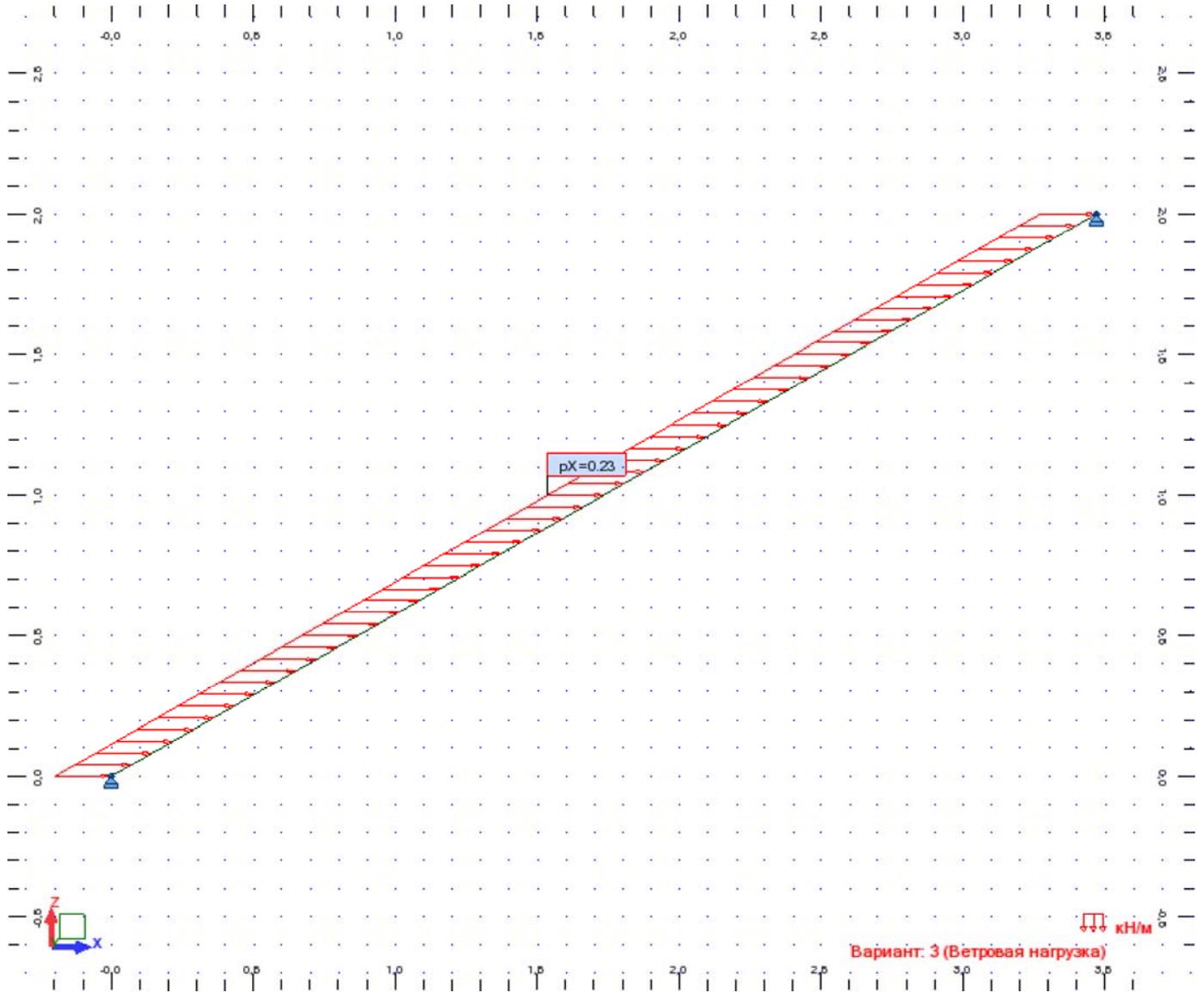
Данные - Сечения

| Наименование сечения | Список стержней | AX (см2) | AY (см2) | AZ (см2) | IX (см4) | IY (см4) | IZ (см4) |
|----------------------|-----------------|----------|----------|----------|----------|----------|----------|
| AL 160x40x7 | 1 | 24,36 | 20,30 | 20,30 | 191,88 | 585,80 | 57,26 |

Вид - Вариант: 1 (Снеговая нагрузка) 2

Вид - Вариант: 2 (Вес стеклопакета) 2



Вид - Вариант: 3 (Ветровая нагрузка) 2**Максимальные прогибы - Нагружения: 1до3 : Величины: 3**

| Стержень/Нагружение | UX (мм) | UZ (мм) |
|---------------------|---------|---------|
| 1/ 1 | 0,0 | -10,0 |
| 1/ 2 | 0,0 | -1,9 |
| 1/ 3 | -0,0 | -0,9 |