1. Compute half station elevations for the curve and find the point of zero slope:

| G1 | $=$ | $+2.4 \%$ |
| :--- | :--- | :--- |
| G2 | $=$ | $-3.4 \%$ |
| L | $=$ | 1200 feet |
| PVI station | $=$ | $475+00$ |
| PVI elevation | $=$ | feet |
| and the distance between stations is 50.00 feet. |  |  |
| draw this curve at an appropriate scale. |  |  |

Also, draw this curve at an appropriate scale.
2. Compute full station elevations and the high or low point for the curve where:

| G1 | $=$ | $+2.14 \%$ |
| :--- | :--- | :--- |
| G2 | $=$ | $-1.50 \%$ |
| L | $=$ | 1400 feet |
| PVI station | $=$ | $80+00$ |
| PVI elevation | $=$ | 1562.50 |

Also, draw this curve at an appropriate scale.
3. Find the point of zero slope and full station elevations for the curve where:

| G1 | $=$ | $-3.0 \%$ |
| :--- | :--- | :--- |
| G2 | $=$ | $+2.7 \%$ |
| L | $=$ | 1500 feet |
| PVI station | $=$ | $166+00$ |
| PVI elevation | $=$ | 2565.60 |

Also, draw this curve at an appropriate scale.

