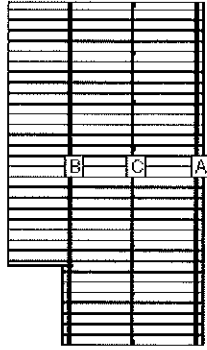


## Analysis Page: Level 1



### LOAD AND SUPPORT:

Your deck will support a 47 PSF live load.  
Posts have 24" below ground support.

### DECK AND POST HEIGHT:

You selected a height of 24" from the top of the decking to the ground level. The top of the deck support posts will therefore be 15" above ground level.

### Joists:

Set joists on top of beams, 16"; center to center.

## Stress Analysis: Level 1

|                   |     |
|-------------------|-----|
| Joist Deflection  | 270 |
| Joist Bending     | 80  |
| Joist Shear       | 123 |
| Joist Compression | 123 |
| Beam Deflection   | 239 |
| Beam Bending      | 60  |
| Beam Shear        | 57  |
| Post Stability    | 148 |