

MiTek Mission Statement

Our mission is to provide fast, accurate and economical engineering solutions to ensure a successful partnership with our customers and enhance their performance.

MiTek's Engineering Services lead the industry in credibility, speed, accuracy and efficiency.



With Professional Engineers licensed in all US states and Canadian provinces, MiTek has strategically located its engineering offices to provide expertise in reviewing the designs of component manu-

facturers across North America*. By utilizing the speed of the Internet and state of the art workflow and imaging technology, we have created instant linkage with our customers' engineering and design departments.

In jurisdictions where permitted, customers of MiTek's engineering services may use the browser-based MiTek Link program, and have their truss designs reviewed and returned electronically via the Internet. We also offer these in a secure Adobe PDF format, allowing you to download sealed truss designs quickly and efficiently.

Builders, building inspectors and designers across North America all benefit from the responsible and efficient review services of the industry leader.

More and more contractors, project engineers, and municipalities are requiring submittal of Sealed Truss Placement Plans and Sealed Truss System Bracing Plans for their projects. We have created a separate Fee-Base Professional Engineering Service to fulfill that demand and eliminate the search for an outside source. Your sealed truss designs, sealed placement plans, and sealed bracing plans are delivered to you by mail or electronically in one package.

APM

Buildings.com

Lifetime Warranty

Tuff-Post

Engineered Wood Pole Building Posts
www.tuff-post.com

APM

Building Materials



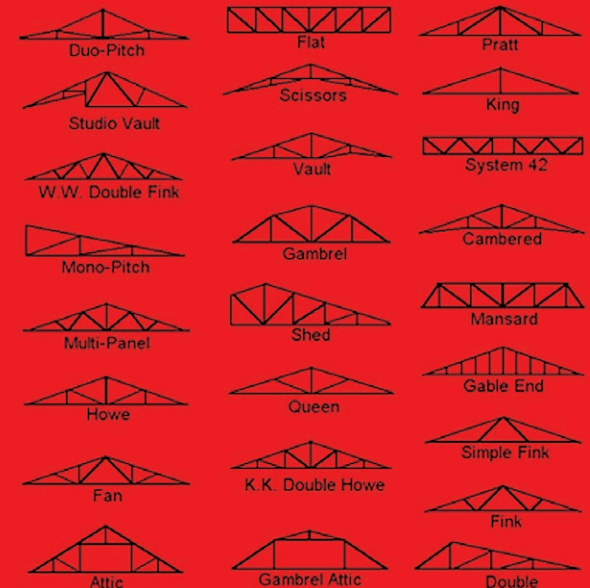
APM TRUSS

Manufacturing & Design Service

46 Gettysburg Street
 Arendtsville, PA 17303

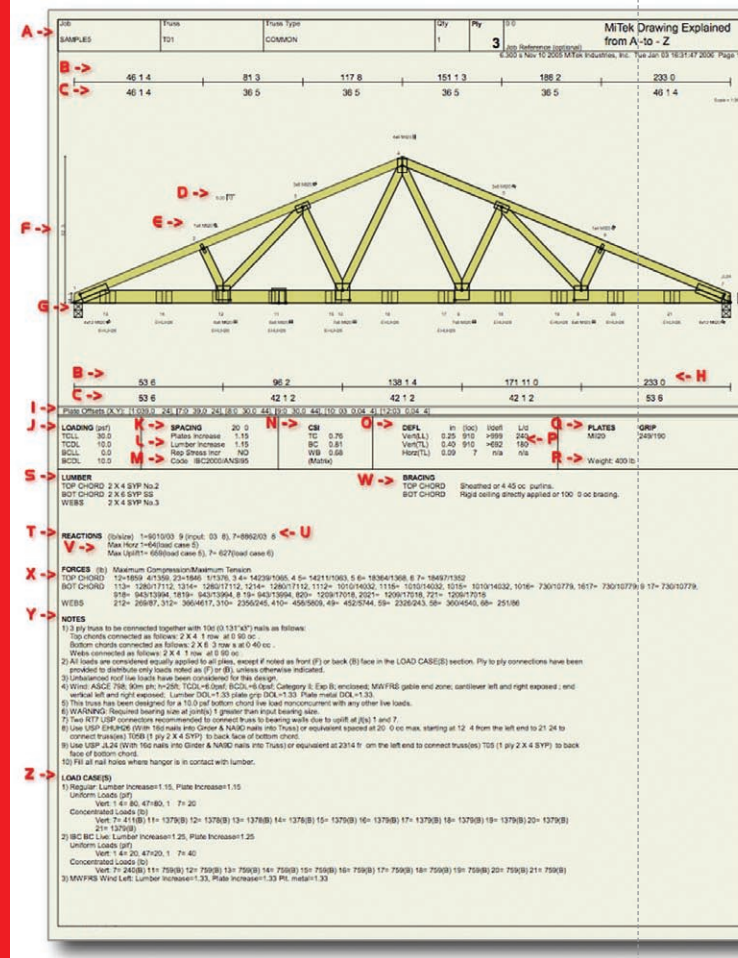
Phone: 800-296-6161 Fax: 717-677-8308

www.apmtruss.com



Understanding a Truss Drawing

1-800-296-6161



- A - Title Bar
- B - Cumulative Dimensions
- C - Panel Length (feet - inches - Sixteenths)
- D - Slope
- E - Plate Size and Orientation
- F - Overall Height
- G - Bearing Location
- H - Truss Span (feet - inches - sixteenths)
- I - Plate Offsets
- J - Design Loading (PSF)
- K - Spacing O.C. (feet - inches - sixteenths)
- L - Duration of Load for Plate and Lumber Design
- M - Code
- N - TC, BC, and Web Maximum Combined Stress Index
- O - Deflections (inches and Span to Deflection Ratio)
- P - Input Span to Deflection Ratio
- Q - MiTek Plate Allowables (PSI)
- R - Truss Weight
- S - Lumber requirements
- T - Reaction (pounds)
- U - Maximum Bearing Required (inches)
- V - Maximum Uplift and/or Horizontal Reaction if Applicable
- W - Required Member Bracing
- X - Member Axial Forces
- Y - Notes
- Z - Additional Load Cases

