

**LUMBER SPECIFICATIONS**

| SIZE | SPECIE GRADE | PANEL (S) |
|------|--------------|-----------|
| 2x 4 | DF #2        | 1-4       |
| 2x 4 | DF #2        | 1-3       |
| 2x 4 | DF STD/STUD  | 1-4       |

TRUSS SPAN 20'-00"  
 LOAD DURATION INCREASE = 1.25  
 SPACED 24.0" O.C.

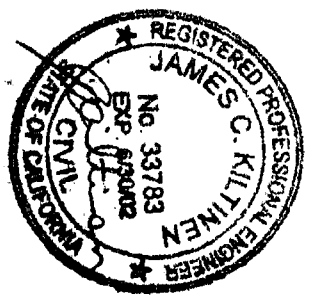
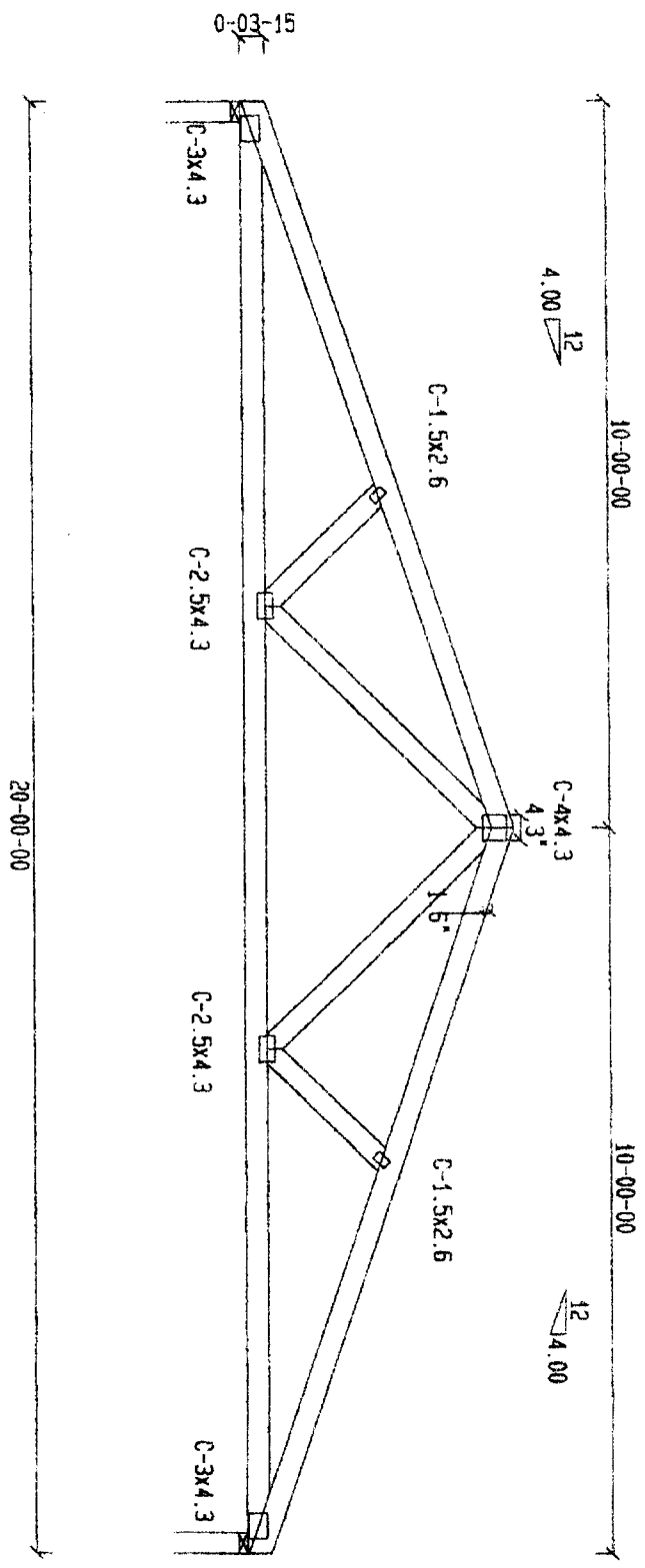
LOADING  
 LL (16.0) +DL (14.0) ON TOP CHORD = 30.0 PSF  
 DL ON BOTTOM CHORD = 10.0 PSF  
 TOTAL LOAD = 40.0 PSF

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD, TOP AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

| ANSI/PSI | SINGLE | MEMBER | FORCES  | 4W GD     |
|----------|--------|--------|---------|-----------|
| T 1-     | -1687  | 8 1-   | 1588    | N 1- -265 |
| T 2-     | -1494  | 8 2-   | 1113    | N 2- 453  |
| T 3-     | -1494  | 8 3-   | 1588    | N 3- 452  |
| T 4-     | -1687  | 8 4-   |         | N 4- -265 |
| LEFT =   |        | 800    | RIGHT = | 800       |

BEARING AREA REQUIRED (SQ. IN)

| JOINT | 1    | 2    | 3    | 4    | 5    |
|-------|------|------|------|------|------|
| DF    | 1.28 | 1.98 | 1.98 | 1.88 | 1.88 |
| HF    | 1.28 | 1.98 | 1.98 | 1.88 | 1.88 |



Scale: 3/8"  
 JOB NAME:

This design prepared from computer input by East County Truss, Inc.

Design conforms to UBC-97 Answer: 1.07(4L) -H

**WARNINGS:**

1. Read all General Notes and Warnings before construction of truss.
2. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
3. 1x3 compression web bracing must be installed where shown.
4. All lateral forces resisting elements such as temporary and permanent bracing must be designed and provided by designer of complete structure.
5. Compression members are responsible for such bracing.
6. No load should be applied to any component until after all bracing and tensioners are complete, and in no case should any loads greater than design loads be applied to any component.
7. The design is furnished subject to the limitations on these designs set forth by the Truss Fabricator's Building Wood Truss, 1988-97, a copy of which will be furnished by Computer upon request.

**General Notes, unless otherwise noted:**

1. Design to support loads as shown.
2. Design remains the property of the designer.
3. 2x4 top and bottom chord members are to be laterally braced at Design Points.
4. Installation of truss is the responsibility of the respective contractor, and are for "dry condition" of use.
5. Design assumes full bearing at all supports shown. Shim or wedge if necessary.
6. Design assumes adequate drainage is provided.
7. Plates shall be located on both sides of truss, and placed on their center line.
8. Design assumes adequate drainage is provided.
9. Design assumes adequate drainage is provided.
10. For basic design values of the Computer Plates, indicated by the prefix "CN", see I.C.B.O. R.R. 4211.
11. "C" Computer Plate Section Plates is indicated by the prefix "CN" the word "Computer" and Section Plate is indicated by the prefix "CN" the word "18" indicates 18 ga. material is used. All others are 20 ga.

DATE: 11/27/2001  
 DES. BY: [Signature]  
 SEQ.: 585501

