

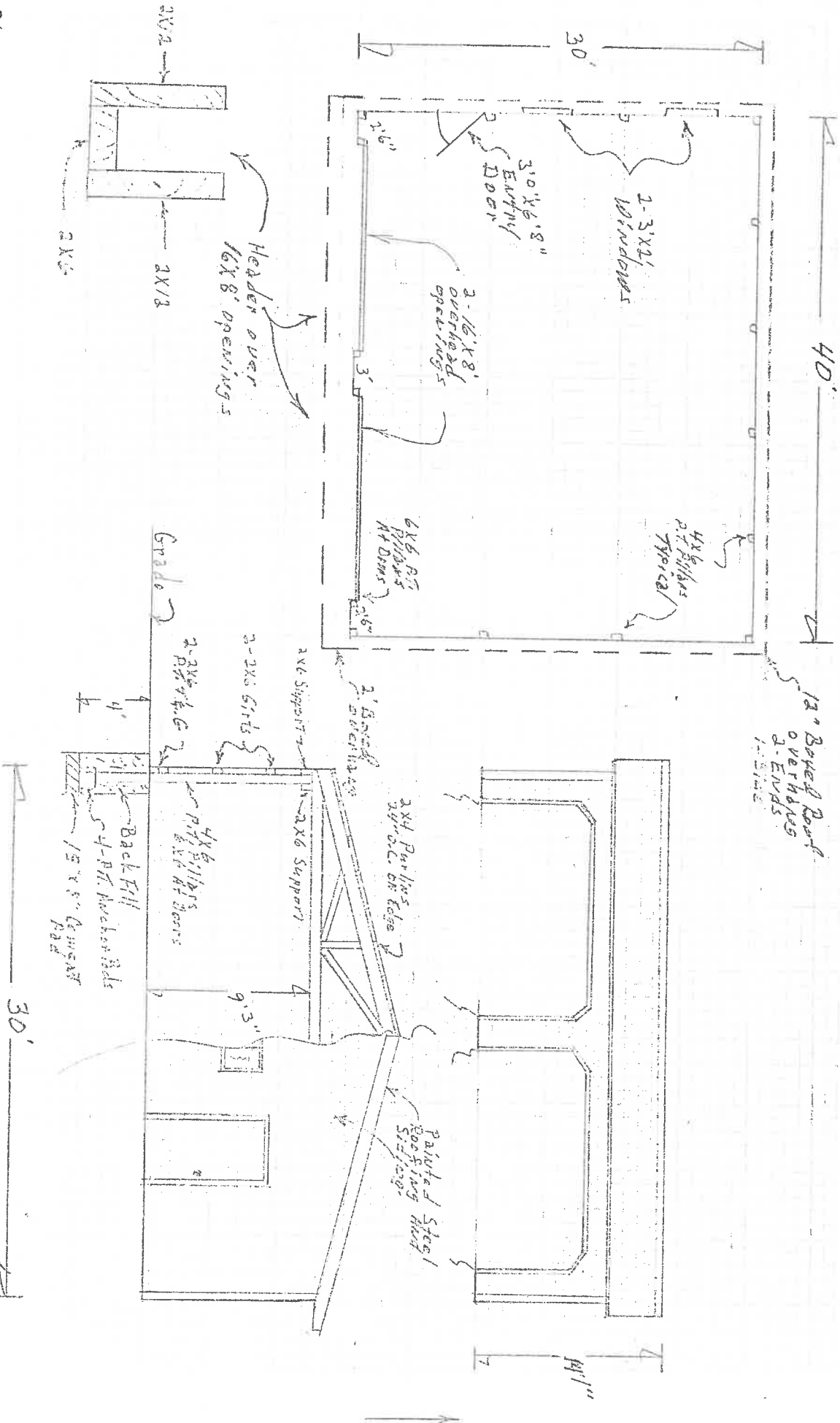
Bowellco Buildings

Building Layout

Size 30' x 40' x 9'3"
 Roof Loading: TOTAL = 25 psf

Date 5-25-95
 Customer Mike Sice
 Use Personal Storage

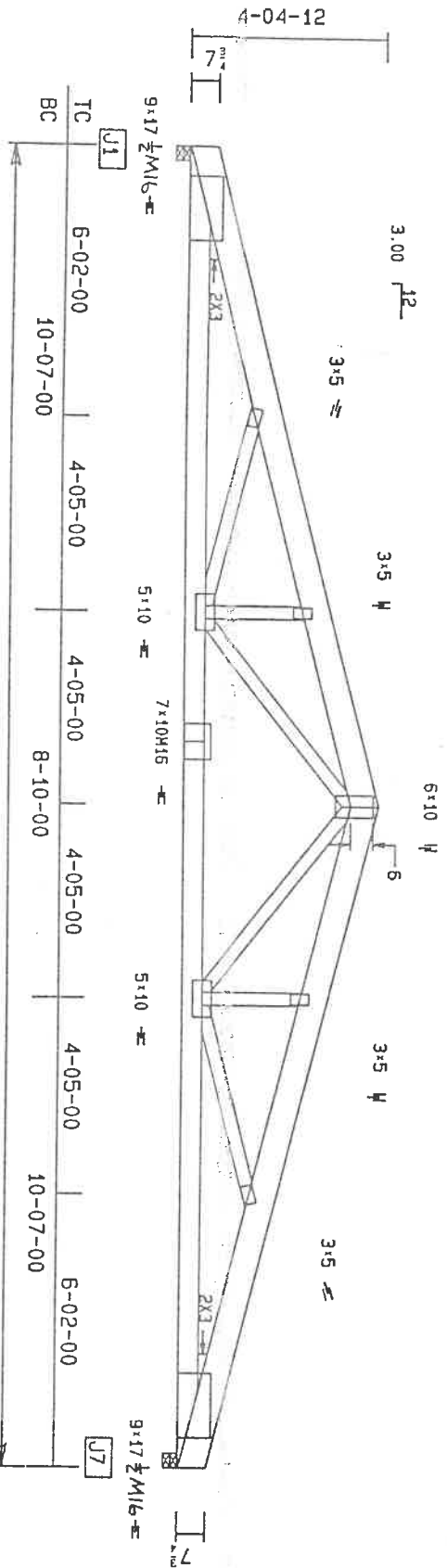
FEET



FEET

JOB PC002376
 TYPE 900 2/17/93
 1 OF 1 TRS001

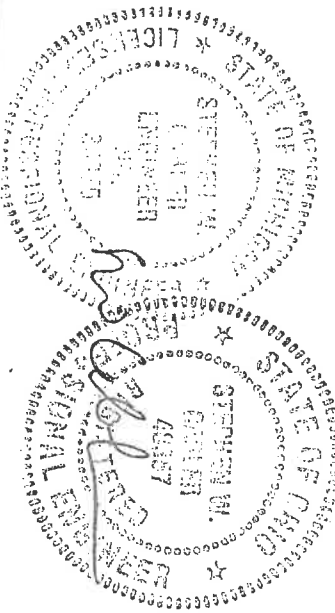
QUOT
 P08.B3



TC LL = 20.0 PSF SPACING = 9'-00"-00 REACTIONS MIN L/DEF = 30'/0.93" = 388, CAMB = 0 1/4"
 TC DL = 4.0 PSF INCR: P=0.98 L=1.15 (LBS) BRG (IN) 20 GA. M20 PLATES 258 PSI GRS (MAX)
 BC LL = 0.0 PSF BUTT CUT = 0 1/4" J 1 = -3375 4.0 16 GA. M16 PLATES 218 PSI GRS (MAX)
 BC DL = 1.0 PSF MITEK INDUSTRIES, INC. J 7 = -3375 4.0 ** SEE NOTE ON PURLINS **
 9-3-25 CONFORMS TO TPI 91 NO REPETITIVE INCR

----- TOP CHORD - CSR = 0.865----- BOTTOM CHORD - CSR = 0.704----- WEBS - CSR = 0.733-----
 2X 8 NO 1 SYP 2X 5 2250F-1.6E M SYP 2X 4 NO 2 SYP
 C 1 = -10973 C 3 = -9006 C 5 = -9006 C 7 = 10645 C 8 = 6726 C 9 = 10645 W 1 = -2020 W 3 = 2637 W 5 = -954
 C 2 = -9006 C 4 = -9006 C 6 = -10973 W 2 = -954 W 4 = 2637 W 6 = -2020

1. * TOP CHD PURLIN SPCG = 24.0 IN. PURLINS TO BE DESIGNED BY OTHERS.
2. * THERE ARE 2 ROWS OF LATERAL BRACING AT THE HEEL(S).
3. * NOTE THE WEDGE DETAIL AT THE HEEL(S).
4. THE BOT CHD DEAD LOAD SHOWN IS SUFFICIENT ONLY TO COVER THE TRUSS WEIGHT ITSELF AND DOES NOT ALLOW FOR ANY ADDL LOAD TO BE ADDED TO THE BOT CHD.
5. DEAD LOADS SHOWN INCLUDE WEIGHT OF TRUSS. TOP CHORD DL OF 5 PSF (OR LESS) IS NOT ADEQUATE FOR A SHINGLE ROOF. ARCHITECT TO VERIFY ADEQUACY OF TC DL.
6. ALL PLATES ARE M20 PLATES UNLESS OTHERWISE INDICATED.



WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult D5T-88 Quality Standard, D5B-89 Bracing Specification, and H1B-90 Handling Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

