

Brick

Permit Without a Jacket

Permit Number A-6367

Construction Permit # A-6367

October 1980

Owner Howard Savings Bank

Location 133 Van Zile Road

Laurelton

Block 1-49 Lot 4

Contractor Advanced Modular Const. Inc.

Fee \$ 98.50 Use Savings Bank, Commercial

*Building plans are
incomplete
11-5-80 JK*

C/c ok

Elec. ok

ok 6-16-82 Soil temp. to 11/2/81

Eng. ok

VIOLATIONS

BUILDING SUB-CODE INSPECTIONS

Footing Trench *9/80 E. V. 80*

Slab

Foundation *9/80 E. V. 80*

Framing

Insulation *10/22/80 E. V. 80*

Final *12/22/80 E. V. 80*

C. O. Issued

PLUMBING SUB-CODE INSPECTIONS

Slab

Rough

Septic/Sewer

Water

Final *12/22/80 D. M.*

Electrical Final

(Use reverse side for additional remarks)

ORIGINAL
ILLEGIBLE

Certificate of Occupancy

Name Howard Savings Bank

THIS IS TO CERTIFY that the building erected at 133 Van Zile Road
Lot No. 4 Block No. 1149 in Brick Township, under Permit No. A-6367
issued October 6, 1980, has been inspected and approved in
accordance with the Zoning and Building Ordinances of the Township of Brick.

Use Group B

Maximum Live Load _____

Fire Grading 2 hours

Occupancy Load _____

By the issuance of this certificate, neither the Township nor any of its officers or
employees assumes any liability, either express or implied, in connection therewith.

Arthur J. Ciarzo
CONSTRUCTION OFFICIAL

Date June 16, 1982

2523 A

get sites & pgs.

Called left message 9/24/80
10-6-80

RECEIVED

SEP 2 1980

CONSTRUCTION PERMIT APPLICATION
BRICK TOWNSHIP, NEW JERSEY

BUILDING

IMPORTANT — Complete ALL items. Mark boxes where applicable

I. LOCATION OF BUILDING	Number and street	Section	Lot	Block
	33 Van Zile Rd.	Laurelton	4	1149
	N S (N) S EW side of Rt. 88 feet E W from intersection of Van Zile (Other local geographic, political, or legal subdivision identification)			

II. TYPE AND COST OF BUILDING — All applicants complete Parts A - D

A. TYPE OF IMPROVEMENT 1 ☒ New buildings 2 ☐ Addition (If residential, enter number of new housing units added, if any, in Part D, 13) 3 ☐ Alteration (See 2 above) 4 ☐ Repair, replacement 5 ☐ Demolition 6 ☐ Moving (relocation) 7 ☐ Garage ☐ Swim Pool ☐ in ☐ out ☐ Fence	D. PROPOSED USE — For "Wrecking" most recent use Residential 12 ☐ One family 13 ☐ Two or more family — Enter number of units 14 ☐ Transient hotel, motel, or dormitory — Enter number of units 15 ☐ Garage 16 ☐ Carport 17 ☐ Other — Specify Nonresidential 18 ☐ Amusement, recreational 19 ☐ Church, other religious 20 ☐ Industrial 21 ☐ Parking garage 22 ☐ Service station, repair garage 23 ☐ Hospital, institutional 24 ☒ Office, bank, professional 25 ☐ Public utility 26 ☐ School, library, other educational 27 ☐ Stores, mercantile 28 ☐ Tanks, towers 29 ☐ Other - Specify
B. OWNERSHIP 8 ☒ Private (individual, corporation, nonprofit institution, etc.) 9 ☐ Public (Federal, State, or local government)	

C. COST 10. Cost of improvement \$186,000 To be installed but not included in the above cost a. Electrical (# Fixtures, Outlets) 20,000 b. Plumbing (# of Fixtures) 4,000 c. Heating, air conditioning 12,000 d. Other (elevator, etc.) 11. TOTAL COST OF IMPROVEMENT \$ 220,000	(Omit cents) \$186,000 20,000 4,000 12,000 \$ 220,000	Nonresidential — Describe in detail proposed use of buildings, e.g., food processing plant, machine shop, laundry building at hospital, elementary school, secondary school, college, parochial school, parking garage for department store, rental office building, office building at industrial plant. If use of existing building is being changed, enter proposed use. Savings Bank
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III. SELECTED CHARACTERISTICS OF BUILDING —

For new buildings and additions, complete Parts E - I; for wrecking, complete only Part H, for all others skip to IV.

E. PRINCIPAL TYPE OF FRAME ☐ Masonry (wall bearing) ☒ Wood frame ☐ Structural steel ☐ Reinforced concrete ☐ Other - Specify	H. DIMENSIONS Number of stories 1 Total square feet of floor area, all floors, based on exterior dimensions 2,800 Total land area, sq. ft. 89,733.6	FEE COMPUTATIONS VOLUME OF BUILDING 35,000.00 BUILDING SUB CODE 245.00 ELECTRICAL CODE 15.00 PLUMBING CODE 260.00 PLAN REVIEW 45.00 CERTIFICATE OF OCCUPANCY 29.00 STATE TRAINING FUND 43-50 CONSTRUCTION 21.00 PERMIT FEE 15.00 398.50
F. TYPE OF HEATING SYSTEM Specify Heat Pump Air Cond. Yes ☒ No ☐	I. RESIDENTIAL BUILDING ONLY Number of bedrooms Number of bathrooms { Full Partial	
G. TYPE OF SEWERAGE DISPOSAL ☒ Public ☐ Individual		

10-6-80

SEE REVERSE

A-6367

chk.

W.K.S.

SUB CONTRACTORS				
NAME	TRADE	ADDRESS	ZIP CODE	PHONE #
1. Penterman Plumbing & Heating Co.	Plumber	Box 485, Manasquan NJ	08736	201-449-4545
2. E.C.B. Electrical Co., Inc.	Electric	37 Leighton Lane Lakehurst, NJ	08733	201-657-4848
3. The Dawson Corp.	Landscaper	Box 410, Windsor NJ	08561	609-443-1551
4. Advanced Modular Const. Inc.	Foundation & Concrete	30 Brower Ave. Oaks, PA	19456	215-666-7444
5. Advanced Modular Const. Inc.	Complete Bldg.	30 Brower Ave. Oaks, PA	19456	215-666-7444
6.				
7.				

PERSON TO BE IN CHARGE OF CONSTRUCTION

NAME Bill Leopold

ADDRESS 30 Brower Avenue, Oaks, PA 19456

IV. IDENTIFICATION — To be completed by all applicants

Name	Mailing address — Number, street, city, and State	ZIP code	Tel. No.
1. Owner Agent Howard Savings Bank	768 Broad St., Newark, NJ	07101	201-533-7523
2. Contractor Advanced Modular Const. Inc.	30 Brower Avenue, Oaks, PA	19456	215-666-7444
3. Architects Abbington-Ney Assoc.	65, Gibson Place, Freehold, NJ Gibson West Building,	07728	201-462-2414
Robert Rosen	Suite 204, 107-09 W. Ridge Pike, Conshohocken, PA	19428	215-828-1550

The owner of this building and the undersigned agree to conform to all applicable laws of Township of Brick and that all required state, county and local prior approvals have been given.

Signature of applicant <i>Walter Goshenue</i>	Address 30 Brower Avenue, Oaks, PA 19456	Application date
--	---	------------------

DO NOT WRITE IN THIS SPACE — FOR OFFICE USE ONLY

Approved by <i>Ed Dizzo</i>	Date permit issued 10/6/80	Permit Number A-6367
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I agree to construct said building in conformity with the plans and specifications filed with the Construction Official and in compliance with the provisions of the Building Code whether shown on plans or not.

**THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

1551 HIGHWAY 88 WEST
BRICKTOWN, NEW JERSEY 08723

CERTIFICATE OF COMPLIANCE

Date 12-18-80

NAME Howard Savings Bank

ADDRESS 768 Broad Street, Newark, N.J.

PROPERTY LOCATION Van Zile Road

Account No. Q231005 Block 1149 Lot 1-4

I hereby certify that the above applicant has complied with all Rules
and Regulations of this Authority and has paid all required fees and charges.

For the Authority Patli Hart



200 South Orange Avenue, Livingston, N.J. 07039
Telephone 201-533-7812

1.
Roland T. Addis, Jr.
Vice President

October 30, 1981

Mr. Frank Bartolf, Chairman
Ocean County Soil Conservation District
6 Mott Place, C.N. 2191,
Toms River, New Jersey 08753

RE: Soil Erosion and Sediment
Control Application
SCD #537 Howard Savings Bank;
Block 1149, Lot 4;
Van Zile Road; Brick Township

Dear Mr. Bartolf:

On behalf of the Howard Savings Bank and pursuant to my discussion with Mr. David B. Friedman on October 28, 1981, I hereby request extension of the temporary compliance for the subject property in order to implement final stabilization of the site.

Final engineering plans are scheduled to be received by Mr. David B. Friedman by October 30, 1981 and once reviewed and certified by your office implemented as soon as possible, thereafter.

Very truly yours,

Roland T. Addis, Jr.
Vice President

RTA/dph

cc: Mr. Arthur Burak
Mr. James H. Freis
Mr. Walter H. Fosbenner
Mr. Arthur Cierzo, Brick Township ✓

COPY



B.T.
OCEAN COUNTY ELECTRICAL BUREAU
COURT HOUSE
TOMS RIVER, NEW JERSEY
FOR MUNICIPAL RECORDS

GENTLEMEN:

REMISES OWNED BY

Howard Savings Bank

OCCUPIED BY

LOCATION

(Laurie Sq) Van Zile Rd.

"Installation in the above premises has been inspected and is in accordance with the current edition of the National Electrical Code, Regulations and Orders of the Board of Public Utility Commissioners and requirements of the utility company as filed with the Board."

SERVICE _____ RANGE _____ HEATER _____
FIXTURES ← RECEPTACLES _____ MISC. *2-14.4KW*
APPLICATION # *198 B. K. K. 24*

ELEC. 107



B.T.
OCEAN COUNTY ELECTRICAL BUREAU
COURT HOUSE
TOMS RIVER, NEW JERSEY
FOR MUNICIPAL RECORDS

GENTLEMEN:

REMISES OWNED BY

Howard Savings Bank

OCCUPIED BY

Shell only

LOCATION

Van Zile Rd. B-4 L-11-9-9

"Installation in the above premises has been inspected and is in accordance with the current edition of the National Electrical Code, Regulations and Orders of the Board of Public Utility Commissioners and requirements of the utility company as filed with the Board."

SERVICE *400 Amp* RANGE ☒ HEATER ☒
FIXTURES *45* RECEPTACLES *50* MISC. *20 switches*
APPLICATION # *14248 B. K. K. 24*

ELEC. 107

Howard San. Parks

Brick Township Construction Permit Application for Plumbing

1. LOCATION

133

NUMBER and STREET	SECTION	LOT	BLOCK
VAN ZILE RD.	Lawrence	4	1149

PROPOSED USE

2. TYPE of IMPROVEMENT ☒ NEW BUILDING ☐ ALTERATION ☐ ADDITIONAL FIXTURES

☐ WELL ☐ SEPTIC ☐ SEWER (B.T.M.U.A.) ☐ WATER (B.T.M.U.A.)

3. PLUMBING FIXTURES

	NUMBER OF	FEE
1. WATER CLOSET <i>WS</i>	<i>2</i>	<i>10</i>
2. LAVATORIES <i>2.75 gpm</i>	<i>2</i>	<i>10</i>
3. BATH TUB		
4. SHOWER STALL or DRAIN		
5. KITCHEN SINK <i>2.75 gpm</i>	<i>1</i>	<i>5</i>
6. SLOP SINK	<i>1</i>	<i>5</i>
7. LAUNDRY TRAY		
8. DISHWASHER		
9. WASHING MACHINE		
10. URINALS		
11. FLOOR DRAIN		
12. DRINKING FOUNTAIN		
13. FOOD WASTE GRINDER		
14. SEWER PUMP or EJECTOR		
15. GREASE TRAP		
16. OIL SAND SEPARATOR		
17. AIR CONDITIONER REFRIGERATOR WATER COOLED	<i>90-75</i>	
18. HOT WATER HEATER ☐ OIL ☐ GAS ☒ ELECTRIC	<i>1</i>	<i>5</i>
19. DENTAL UNIT		
20. LAWN SPRINKLERS NO. OF HEADS		
21. WELL (PRIVATE))		
22. WELL PUMP		
23. SEPTIC		
24. PLUMBING STACKS	<i>1</i>	<i>10.00</i>

4. MATERIAL SPECIFICATIONS

BUILDING SEWER *A.B.S.*
WATER SERVICE *1" Plastic*
BUILDING DRAIN _____
WASTE _____
VENTS _____
WATER PIPE _____

5. INSPECTIONS

	DATE	INSPECTOR
SLAB		
ROUGH		
WATER		
SEWER	<i>11/6/80</i>	<i>DM</i>
FINAL	<i>12/22/80</i>	<i>DM</i>

6. COMMENTS

*11/6/80 DISCH. ON P&T NOT FULL SIZE
ELONGATED W.C.
WATER HEATER 90-75???*

PLUMBER

LICENSE

PLUMBING FEE \$

PERMIT #

Robert Schuy
2498
George Pentecost

B10

#1402

45

A-6367

DM 9/24/80

FROM EXST. PLB.

20

11

MAN HOLE

8

EXST. MAN HOLE



OCEAN COUNTY SOIL CONSERVATION DISTRICT

6 Mott Place, C.N. 2191,
Toms River, N.J. 08753
Telephone: (201) 244-7048

REPORT OF COMPLIANCE

TO: Mr. Arthur Cierzo MUNICIPALITY: Brick Township
PROJECT: Howard Savings Bank SCD NO.: 537

Block No. 1149 Block No. -----
Lot No.(s) 4 Lot No.(s) -----

Block No. ----- Block No. -----
Lot No.(s) ----- Lot No.(s) -----

☐ Complete Compliance ☒ Temporary Compliance (See following conditions)

Temporary compliance extended until November 2, 1981

This verifies that the soil erosion and sediment control measures for the above designated block and lot numbers are in compliance to the extent indicated above with the soil erosion and sediment control plan as certified by the Ocean County Soil Conservation District and required by Chapter 251, P.L. 1975 as amended, the Soil Erosion and Sediment Control Act. (N.J.S.A. 4:24-39 et. seq.)

Date 9/29/81 Authorized Signature *Frank C. Bantley*

Distribution: White - Construction Official
Canary - Applicant
Pink - District

INSPECTOR: ROBERT J. CHLEY
JOB: Howard Savings SECTION:
80-0267-1188
WEATHER: Cloudy
TEMPERATURE: 30°

DATE: 12-19-80
TYPE OF WORK: C.O. Inspection
LOCATION: Van Zile Road
LOT: 4 BLOCK: 1149

CERTIFICATE OF OCCUPANCY
INSPECTION CHECK LIST

ITEMS TO BE COMPLETED	COMPLETED	DEFICIENT
1. Driveway	X	
2. Grading	X	
3. Sidewalk	X	
4. Road Pavement	X	
5. Landscaping & Sodding	X	
6. Clean-up Procedures	X	
7. Note on going construction in immediate area	X	

COMMENTS REFERENCING ITEM NUMBER:

- Note: A. No signs have been installed as of this date
B. A flag pole has been installed at the north east corner of the
hand-i-cap parking stalls
C. The selectively thinned area fronting along Van Zile Road
currently exists without any shrubs or blueberry bushes

RECOMMENDATIONS:

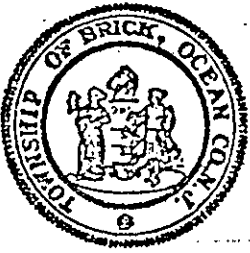
- ☐ TEMP. C.O.
☒ FINAL C.O.
☐ DETAILED REINSPECTION
☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

 12/23/80

PLANNING BOARD ENGINEER

 12/23/80

MUNICIPAL ENGINEER



Township of Brick

401 Chambers Bridge Road, Brick, N.J. 08723 (201) 477-3000

Office of
Division of Inspections

TEMPORARY CERTIFICATE OF OCCUPANCY

DATE: April 29, 1981

NAME: Howard Savings Bank
ADDRESS: 133 Van Zile Road
Brick, NJ 08723
SUBJECT: Block 1149, Lot 4

Valid for 30 day extension ~~days~~.

To expire: May 29, 1981

This temporary Certificate of Occupancy is subject to the following conditions and will be revoked if said conditions are not complied with in the specified time. As per the Uniform Construction Code article 5:23-27, an assessed penalty of up to \$500.00 and an additional \$250.00 each day will be applied after the expiration date.

Full compliance with Ocean County Soil Conservation list.

Yours truly,

Arthur J. Cierzo
Arthur J. Cierzo
Construction Official

AJC/mks

cc: Tax Assessor
Division of Inspections (2)

Donald R. Winkley
Signature of acknowledgement



Township of Brick

401 Chambers Bridge Road, Brick, N.J. 08723 (201) 477-3000

Office of
Division of Inspections

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Arthur J. Cierzo
Arthur J. Cierzo
Construction Official

AJC/mks

cc: Tax Assessor
Division of Inspections (2)

Donald R. Winkler
Signature of acknowledgement



Township of Brick

401 Chambers Bridge Road, Brick, N.J. 08723 (201) 477-3000

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Arthur J. Cierzo
Arthur J. Cierzo
Construction Official

AJC/mks

cc: Tax Assessor
Division of Inspections (2)

Donald R. Winkler
Signature of acknowledgement



Jersey Central Power & Light Company
501 Grand Avenue
Asbury Park, New Jersey 07712
(201) 775-6600

September 29, 1980

Advanced Modular Construction, Inc.
30 Brower Avenue
Oaks, Pennsylvania 19456

Attention: Walter Fosbenner

Re: Howard Savings Bank
Brick Township

Dear Mr. Fosbenner:

For your information I am enclosing a copy of a partial area of the Site Plan indicating the location of a new pole to be placed by the Bell Telephone Company and to be utilized as a service riser pole for the above subject project.

The electric service characteristics for the above referenced project will be 30, 4 wire, 120/208 volts wye. The available secondary fault current is 13,800 amps. It will be the customer's responsibility to run his underground service to a new pole to be set midway between BT 2618-BK and BT 2619-BK on Van Zile Road. Jersey Central will make all secondary connections at the new riser pole.

The customer will be responsible for the following items:

1. Installation of the following material supplied by JCPL:
Two (2) conduit stand-off brackets to be installed 8' & 1' from the base of the riser pole.
2. Installation of approved conduit from the riser pole to the customer's main panel.
3. Customer to install "secondary cable" in his conduit from the main panel to the secondary riser pole and leave enough secondary cable for connections to overhead line. No more than three (3) conduits will be allowed on the riser pole. Conduits must be installed on the west side on the north quarter of the riser pole.
4. The service must comply with our Service Installation Requirements Manual (copy enclosed) - page entitled, "Underground Service From Overhead Secondary," and must meet the approval of an authorized inspection agency.

A-6367

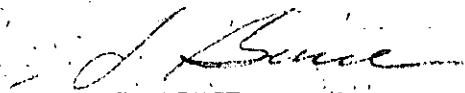
Advanced Modular Construction, Inc.
30 Brower Avenue
Oaks, Pennsylvania 19456

Page -2-

5. The customer is to provide all rights-of-way if required.
6. Detailed drawings of the metering equipment and its location must be submitted to Mr. Walt Kiessling, Meter Department, Allenhurst, for approval prior to fabrication.

If it would be beneficial to the customer, we would be only too glad to meet with them at the site to discuss the installation.

Very truly yours,



S. BRUCE

Commercial/Industrial Representative

SB:es

Enclosures

cc: E. Braun
37 Leighton Lane
Lakehurst, N. J. 08733
cc: R. Smith
cc: W. Kiessling

A-6367

its entire length. Approved conduit may be used for any portion of the underground installation not specifically covered above.

6-7. Contractors shall provide sufficient cable to reach the Company's mains at the top of the pole, and shall temporarily seal the end of the pole riser with duct seal. The conduit and cable shall also be made water-tight at the building entrance by the use of duct seal.

6-8. A pole riser bracket, if required, will be furnished by the Company and installed by the contractor approximately 8 feet from the ground line in accordance with drawing 8-13. Additional brackets above this level will be installed by the Company.

UNDERGROUND SECONDARY SERVICE FROM UNDERGROUND LINES

6-9. The Company operates and maintains two different underground systems. One system, to be known as Conventional Underground, consists of complete manhole and duct installations with all equipment below grade level and is generally located in central section of the more urban communities in the Company's service area. The second underground system, to be known as Underground Distribution, consists generally of direct buried distribution conductors with associated above grade equipment.

In those instances where the Company is to supply underground secondary service in a Conventional Underground service area, the customer's service entrance equipment shall be located, where practicable, on the inside of the first foundation wall adjacent to the street on which the Company's mains are situated. Where the customer's service equipment is located with 30 feet measured at right angles to the curb line of said street, the Company will

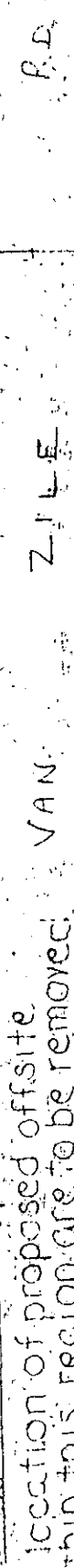
A 1367

8-12



- REV. 9/77

A-6367



location of proposed offsite
thin this region are to be removed.

A-6367

OCEAN COUNTY

ORIGINAL
ILLEGIBLE

Message

MESSAGE

Reply

TO ART CIERZO, CONST. OFFICIAL

DATE

TELE:

BRICKTOWN

DATE 9-29-80 PLAN REVIEW, HAWARD SAUNDERS

1. SERVICE SIZE & LOAD DIAGRAM MISSING

2. WHAT RATINGS FOR HEAT PUMPS & STRIPHEATS? 7-103

W. Fasbender

FROM OCEC

BY R. M. Galt

TELE:

SIGNED

215 666-7444

Brick Township Construction Permit Application for Plumbing

1. LOCATION

NUMBER and STREET	SECTION	LOT	BLOCK
Van Zile RD.	Lawlerton	4	1149

PROPOSED USE

2. TYPE of IMPROVEMENT ☐ NEW BUILDING ☐ ALTERATION ☐ ADDITIONAL FIXTURES

☐ WELL ☐ SEPTIC ☐ SEWER (B.T.M.U.A.) ☐ WATER (B.T.M.U.A.)

3. PLUMBING FIXTURES

	NUMBER OF	FEE
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2. LAVATORIES <i>2.75 gpm</i>	<i>2</i>	<i>10</i>
3. BATH TUB		
4. SHOWER STALL or DRAIN		
5. KITCHEN SINK <i>2.75 gpm</i>	<i>1</i>	<i>5</i>
6. SLOP SINK <i>2.75 gpm</i>	<i>1</i>	<i>5</i>
7. LAUNDRY TRAY		
8. DISHWASHER		
9. WASHING MACHINE		
10. URINALS		
11. FLOOR DRAIN		
12. DRINKING FOUNTAIN		
13. FOOD WASTE GRINDER		
14. SEWER PUMP or EJECTOR		
15. GREASE TRAP		
16. OIL SAND SEPARATOR		
17. AIR CONDITIONER REFRIGERATOR WATER COOLED	<i>90-75</i>	
18. HOT WATER HEATER ☐ OIL ☐ GAS ☒ ELECTRIC	<i>1</i>	<i>5</i>
19. DENTAL UNIT		
20. LAWN SPRINKLERS NO. OF HEADS		
21. WELL (PRIVATE)		
22. WELL PUMP		
23. SEPTIC		
24. PLUMBING STACKS	<i>1</i>	<i>10.00</i>

4. MATERIAL SPECIFICATIONS

BUILDING SEWER *A.B.S*
 WATER SERVICE *1" Plastic*
 BUILDING DRAIN _____
 WASTE _____
 VENTS _____
 WATER PIPE _____

5. INSPECTIONS

	DATE	INSPECTOR
SLAB		
ROUGH		
WATER		
SEWER		
FINAL		

6. COMMENTS

PLUMBER

George Penternass

LICENSE

310-1402

PLUMBING FEE \$

45

PERMIT #

A-6367

DM 9/24/80

M.A.N. HOLE



JOB: NO. 805397 TYPE= 811 TOP SLP = 9.00/12 TCDL= 30.0 PSF DESIGN PER TPI-78 7-29-80
 PAGE 12 OF 12 SPAN= 15-00-00 BUTT CUT = 0-00-04 TCDL= 10.0 PSF REPETITIVE STRS USED V05.06
 O/A HT= 3-05-09 SPCG= 2-00-00 LFT CANT = 2-00-00 BCLL= 0.0 PSF TRUSS NON-SYM ABOUT CL 2RM
 J C SNAVELY & SONS RGT CANT = 3-06-00 BCDL= 10.0 PSF INCR:PL=1.15 LM=1.15
 T-3 TOTL= 50.0 PSF

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE	PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12		LBS	IN-LB		LBS	FT-IN-SX	/12		LBS	IN-LB		LBS
P 1= 4-00-14	5.00	C 1=	475	1140	W 1=	-878	P 5= 3-06-00	0.00	C 5=	-475	280	W 5=	-837
P 2= 3-05-02	5.00	C 2=	-229	1140	W 2=	-32	P 6= 4-00-00	0.00	C 6=	-206	531		
P 3= 3-05-02	-5.00	C 3=	-229	1140	W 3=	-97	P 7= 5-06-00	0.00	C 7=	240	735		
P 4= 4-00-14	-5.00	C 4=	514	1140	W 4=	466	P 8= 2-00-00	0.00	C 8=	-439	531		

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

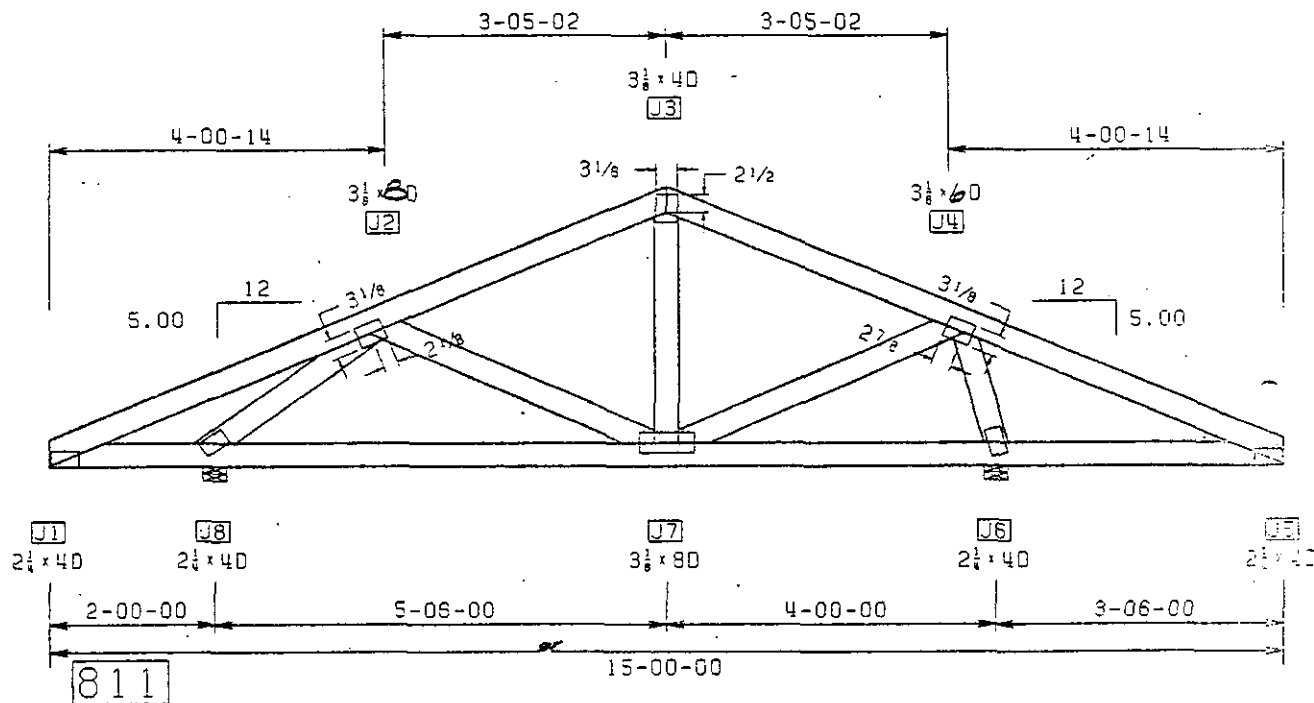
COMBINED
 STRS RATIO= AXIAL + BEND FB FT FC
 TOP CHD 2X 4 NO 2 KD SYP 0.275 = 0.095 + 0.180 1550 900 1150
 BOT CHD 2X 4 NO 2 KD SYP 0.188 = 0.100 + 0.087 1550 900 1150

ALL WEBS 2X 4 NO 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTL LOAD DEF AT J 7= 0.006 IN.
 [J 6] -866 3.5 (CMB= 0 1/8 IN.) SPAN/DEF= 999
 [J 8] -631 3.5

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	
	PLATE SIZE	DIRECTION	X (IN) Y		PLATE SIZE	DIRECTION	X (IN) Y		
[J 1]	2 1/4 X 4 D	PARA-BC	CENTERED	1	[J 5]	2 1/4 X 4 D	PARA-BC	CENTERED	1
[J 2]	3 1/8 X 8 D	PARA-CD	2 1/8 3 1/8	19	[J 6]	2 1/4 X 4 D	PARA-WB	CENTERED	4
[J 3]	3 1/8 X 4 D	VERT	3 1/8 2 1/2	6	[J 7]	3 1/8 X 8 D	PARA-CD	CENTERED	7
[J 4]	3 1/8 X 6 D	PARA-CD	2 7/8 3 1/8	19	[J 8]	2 1/4 X 4 D	PARA-WB	CENTERED	4

====(PLATE RATINGS)====
 20 GA. D (223 PSI NET)



A-6367

M E Reeder



DESIGN VALID ONLY FOR USE WITH HYDRO-AIR CONNECTORS. THIS TRUSS IS DESIGNED AS AN INDIVIDUAL BUILDING COMPONENT. IT IS TO BE INCORPORATED INTO A BUILDING DESIGN AT THE SPECIFICATION OF THE DESIGNER OF THE BUILDING. BRACING SPECIFIED IS FOR LATERAL SUPPORT OF INDIVIDUAL TRUSS MEMBERS ONLY. ADDITIONAL BRACING OF THE OVERALL STRUCTURE MAY BE REQUIRED. FOR GENERAL GUIDANCE SEE "BRACING WOOD TRUSSES". FOR SPECIFIC TRUSS BRACING REQUIREMENTS CONTACT BUILDING DESIGNER. FOR INFORMATION REGARDING FABRICATION, QUALITY CONTROL, STORAGE, DELIVERY, ERECTION AND BRACING OF TRUSSES, CONSULT THE QUALITY CONTROL MANUAL* AND THE RECOMMENDED CODE OF STANDARD PRACTICE*.
 (* AVAILABLE FROM TRUSS PLATE INSTITUTE, 2480 EAST DEVON AVENUE, DES PLAINES, IL 60018.)

- NOTES:
1. CUT ALL MEMBERS TO BEAR.
 2. CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
 3. INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH (48") MEASURED FROM A JOINT.

JOB. NO. 805397
 PAGE 11A OF 12
 Q/A HT= 4-03-09
 J C SNAVELY & SONS
 COMMON

TYPE= 700
 SPAN= 19-00-00
 SPCG= 2-00-00

TOP SLP = 5.00/12
 BUTT CUT = 0-00-04

TCLL= 30.0 PSF
 TCDL= 10.0 PSF
 BCLL= 0.0 PSF
 BCDL= 10.0 PSF
 TOTL= 50.0 PSF

DESIGN PER TPI-78 7-29-80
 REPETITIVE STRS USED V05.06
 TRUSS SYM ABOUT CL 2RM.
 INCR:PL=1.15 LM=1.15

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS		
P 1= 5-00-14	5.00	C 1=	-1771	1903	W 1=	-358
P 2= 4-05-02	5.00	C 2=	-1549	1903	W 2=	522

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS		
P 6= 5-10-13	0.00	C 6=	1118	1108		
P 7= 6-06-10	0.00	C 7=	1635	1108		

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

COMBINED
 STRS RATIO= AXIAL + BEND FB FT FC
 TOP CHD 2X 4 NO 2 KD SYP 0.555 = 0.255 + 0.300 1550 900 1150
 BOT CHD 2X 4 NO 2 KD SYP 0.476 = 0.301 + 0.175 1550 900 1150

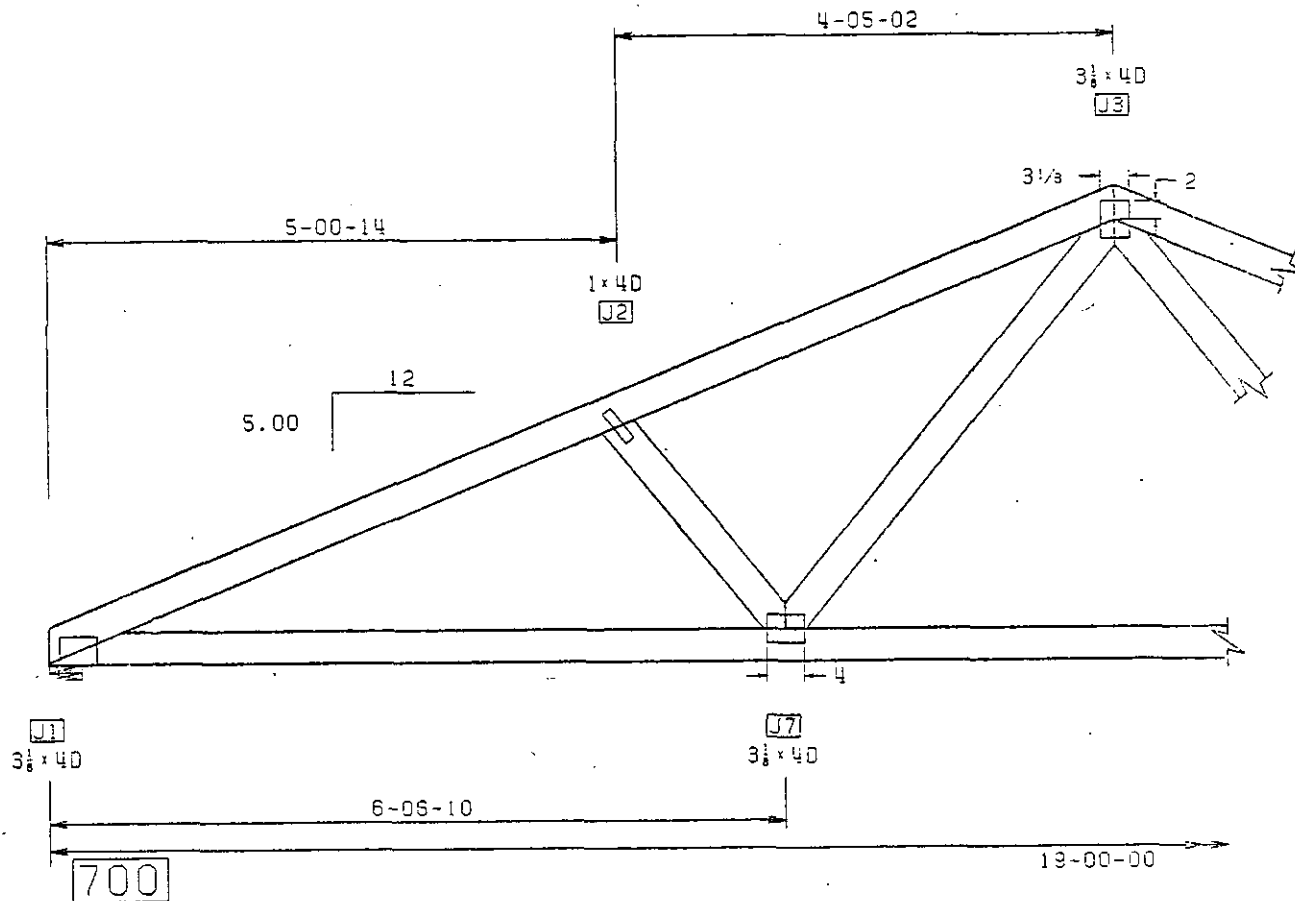
ALL WEBS 2X 4 NO 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTL LOAD DEF AT J 7= 0.113 IN.
 [J 1, 5] -950 3.5 (CMB= 0 1/8 IN.) SPAN/DEF= 999

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	
	PLATE SIZE	DIRECTION	X (IN) Y	TYPE		PLATE SIZE	DIRECTION	X (IN) Y	TYPE	
[J 1, 5]	3 1/8 X 4	D	PARA-BC	CENTERED	1	[J 3]	3 1/8 X 4	D	VERT	3 1/8 2
[J 2, 4]	1	X 4	D	PARA-WB	CENTERED	4	[J 7, 6]	3 1/8 X 4	D	PARA-CD

=CHD SPLICES-SLOTS PARA TO CHD(16FT. MAX LUMBER)=
 [C 6] 2 1/4 X 4 D

====(PLATE RATINGS)====
 20 GA. D. (223 PSI NET)



A-6367

M E Reeder



HYDRO-AIR
 ENGINEERING, INC.
 P.O. Box 7359 St. Louis, Missouri 63177

DESIGN VALID ONLY FOR USE WITH HYDRO-AIR CONNECTORS. THIS TRUSS IS DESIGNED AS AN INDIVIDUAL BUILDING COMPONENT. IT IS TO BE INCORPORATED INTO A BUILDING DESIGN AT THE SPECIFICATION OF THE DESIGNER OF THE BUILDING. BRACING SPECIFIED IS FOR LATERAL SUPPORT OF INDIVIDUAL TRUSS MEMBERS ONLY. ADDITIONAL BRACING OF THE OVERALL STRUCTURE MAY BE REQUIRED. FOR GENERAL GUIDANCE SEE "BRACING WOOD TRUSSES". FOR SPECIFIC TRUSS BRACING REQUIREMENTS CONTACT BUILDING DESIGNER. FOR INFORMATION REGARDING FABRICATION, QUALITY CONTROL, STORAGE, DELIVERY, ERECTION AND BRACING OF TRUSSES, CONSULT "THE QUALITY CONTROL MANUAL" AND "THE RECOMMENDED CODE OF STANDARD PRACTICE".

(*AVAILABLE FROM TRUSS PLATE INSTITUTE, 2400 EAST DEVON AVENUE, DES PLAINES, IL. 60018.)

NOTES:

1. CUT ALL MEMBERS TO BEAR.
2. CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
3. INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH (±6") MEASURED FROM A JOINT.

JOB. NO. 805397 TYPE= 800 TOP SLP = 5.00/12 TCLL= 30.0 PSF DESIGN PER TPI-78 7-31-80
 PAGE 11 OF 1 SPAN= 19-00-00 BUTT CUT = 0-00-04 TCDL= 10.0 PSF NO REPETITIVE STRESS V05,07
 O/A HT= 4-03-09 SPCG= 1-00-00 BCLL= 0.0 PSF TRUSS SYM ABOUT CL 2RM
 J C SNAVELY & SONS BCDL= 10.0 PSF INCR:PL=1.15 LM=1.15
 COMMON-GIRD TOTL= 50.0 PSF

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE	PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS	LBS	LBS	FT-IN-SX	/12	LBS	IN-LB	LBS	LBS	LBS
P 1= 5-00-14	5.00	C 1= -3414	951	W 1= 47			P 7= 4-05-02	0.00	C 7= 3151	318	W 3= 2228		
P 2= 4-05-02	5.00	C 2= -3126	951	W 2= -294			P 8= 5-00-14	0.00	C 8= 3151	318			

ADD'L CONCENT LDS- J 7= 1930.0 LB

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

COMBINED
 STRS RATIO= AXIAL + BEND FB FT FC
 TOP CHD 2X 4 NC 2 KD SYP 0.666 = 0.492 + 0.174 1550 900 1150
 BOT CHD 2X 4 NC 2 KD SYP 0.638 = 0.580 + 0.058 1550 900 1150

ALL WEBS 2X 4 NC 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTL LOAD DEF AT J 7= 0.241 IN.
 (J 1, 5) -1440 3.5 (CAMB= 0 1/8 IN.) SPAN/DEF= 944

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

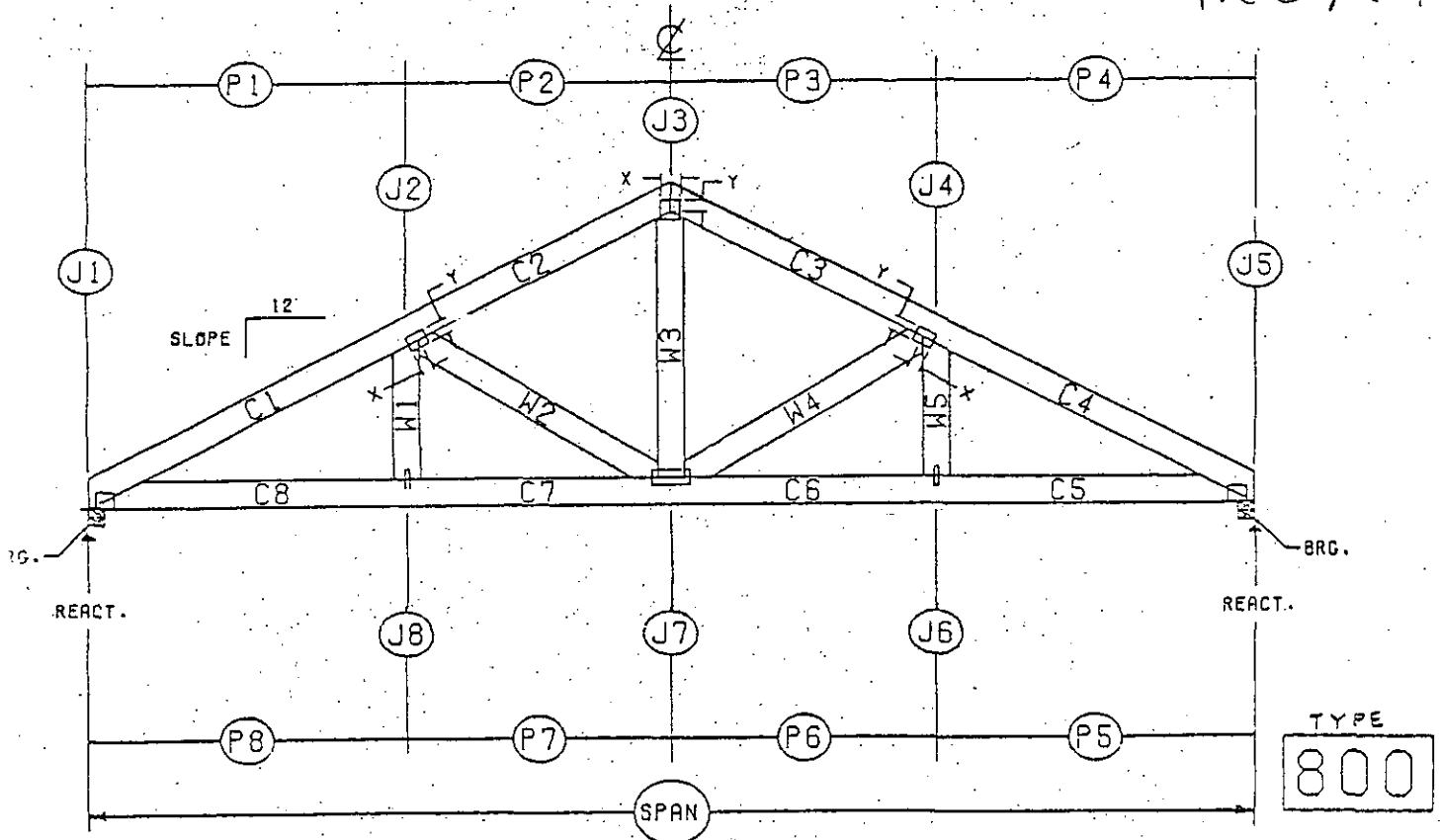
JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	
PLATE SIZE	DIRECTION	X (IN)	Y	TYPE	PLATE SIZE	DIRECTION	X (IN)	Y	
(J 1, 5)	3 1/8 X 8	D	PARA-BC	CENTERED	1	(J 3)	3 1/8 X 6	D	VERT
(J 2, 4)	3 1/8 X 4	D	PARA-CD	1 1/2 3 1/8	5	(J 7)	4 1/8 X 8	D	PARA-CD
						(J 8, 6)	1 X 4	D	PARA-WB
									CENTERED
									4

=CHD SPLICES-SLOTS PARA TO CHD(16FT. MAX LUMBER)=
 (C 5) 4 1/8 X 6 D

====(PLATE RATINGS)====
 20 GA. D (223 PSI NET)

1. THE CONNECTIONS AND/OR MEANS OF SUPPORT (DESIGNED BY OTHERS) FOR THE CONCENTRATED LOADS SHOWN ABOVE ARE THE RESPONSIBILITY OF THE CONTRACTOR AND/OR FABRICATOR AND MUST BE MADE WITHOUT DAMAGE OR ALTERATION TO TRUSS.

M E Roeder



A-6367

JOB. NO. 805397
 PAGE 10 OF 12
 O/A HT= 4-03-07
 J C SNAVELY & SONS
 CORNER-GIRD

TYPE= 520
 SPAN= 11-08-01
 SPCG= 1-00-00

TOP SLP = 4.07/12
 BUTT CUT = 0-00-04
 R-END HGT= 4-03-07

TCLL= 0.0 PSF
 TCDL= 10.0 PSF
 BCLL= 0.0 PSF
 BCDL= 10.0 PSF
 TOTL= 20.0 PSF

DESIGN PER TPI-78 7-30-80
 NO REPETITIVE STRESS V05.06
 TRUSS NON-SYM ABOUT CL 2RM
 INCR:PL=1.15 LM=1.15

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS		LBS
P 1= 6-02-13	4.07	C 1=	-1230	5173	W 1=	206
P 2= 5-05-04	4.07	C 2=	0	5666	W 2=	-1249

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS		LBS
P 3= 3-11-12	VERT	C 3=	-391	0		
P 4= 5-05-04	0.00	C 4=	1165	2137		
P 5= 6-02-13	0.00	C 5=	1165	1360		

ADD'L UNIFORM LDS- C 1= 70.0 PSF, C 2= 134.0 PSF, C 4= 34.0 PSF, C 5= 18.0 PSF

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

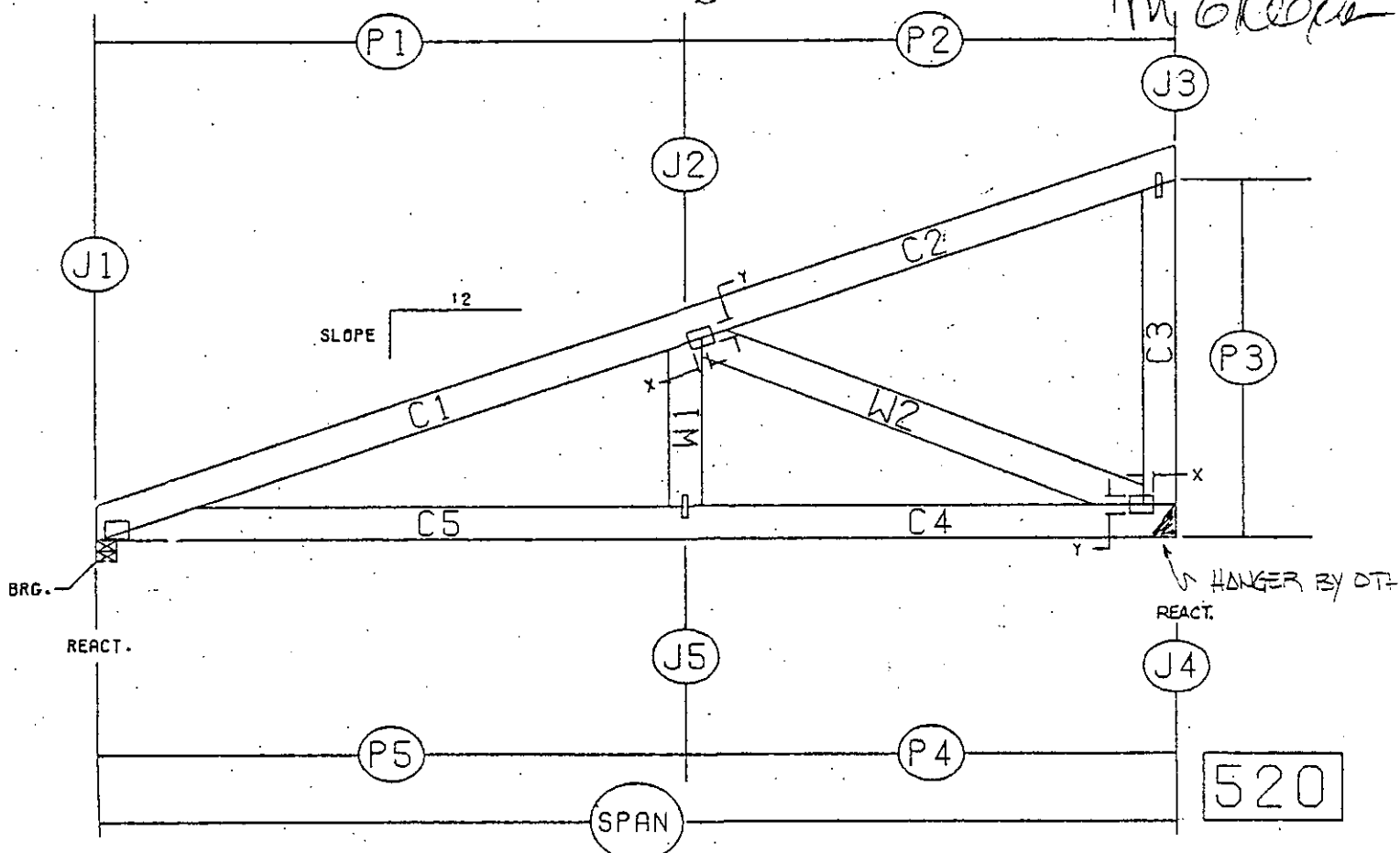
TOP CHD	2X 4 NO 1 KD SYP	STRS RATIO=	AXIAL + BEND	FB	FT	FC
		0.934	= 0.141 + 0.794	1850	1050	1450
BOT CHD	2X 4 NO 2 KD SYP	0.606	= 0.214 + 0.392	1550	900	1150

ALL WEBS	2X 4 NO 3 KD SYP	JOINT	REACT (LB)	MIN BRG (IN)	TOTL LOAD DEF AT J 5=
		[J 1]	-731	3.5	0.059 IN.
		[J 4]	-964	3.5	(CAMB= 0 1/8 IN.) SPAN/DEF= 999

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-76)=====

JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT
	PLATE SIZE	DIRECTION	X (IN) Y	TYPE		PLATE SIZE	DIRECTION	X (IN) Y	TYPE
[J 1]	2 1/4 X 4 D	PARA-BC	CENTERED	1	[J 3]	1 X 4 D	PARA-VC	CENTERED	14
[J 2]	3 1/8 X 4 D	PARA-CD	1 1/2 3 1/8	5	[J 4]	3 1/8 X 4 D	PARA-BC	1 3/8 3 1/8	15
					[J 5]	1 X 4 D	PARA-WB	CENTERED	4

=====(PLATE RATINGS)=====
 20 GA. D (223 PSI NET)



A-6367

JOB. NO. 805397 TYPE= 1200
 PAGE 9 OF 12 SPAN= 44-00-00
 O/A HT= 7-10-01 SPCG= 2-00-00
 J C SNAVELY & SONS
 COMMON-2A

TOP SLP = 4.00/12 TCDL= 30.0 PSF
 BUTT CUT = 0-00-04 TCCL= 10.0 PSF
 BCLL= 0.0 PSF
 BCDL= 10.0 PSF
 TOTL= 50.0 PSF

DESIGN PER TPI-78 7-29-80
 REPETITIVE STRS USED V05.06
 TRUSS NON-SYM ABOUT CL 2RM
 INCR:PL=1.15 LM=1.15

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS		
P 1= 8-02-08	4.00	C 1= -6081	5833	W 1= 151		
P 2= 6-10-12	4.00	C 2= -4754	6184	W 2= -1354		
P 3= 6-10-12	4.00	C 3= -3575	4122	W 3= 637		
P 4= 6-10-12	-4.00	C 4= -3575	4122	W 4= -1384		
P 5= 6-10-12	-4.00	C 5= -4665	3889	W 5= 1709		
P 6= 8-02-08	-4.00	C 6= -5756	3889	W 6= -1280		

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS		
P 7= 8-02-08	0.00	C 7= 5460	1645	W 7= 548		
P 8= 6-10-12	0.00	C 8= 5460	1645	W 8= -1112		
P 9= 6-10-12	0.00	C 9= 4426	1426	W 9= 151		
P10= 6-10-12	0.00	C10= 4510	1426			
P11= 6-10-12	0.00	C11= 5769	1645			
P12= 8-02-08	0.00	C12= 5769	1645			

ADD'L UNIFORM LBS- C 1= 20.0 PSF

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

COMBINED
 STRS RATIO= AXIAL + BEND FB FT FC
 TOP CHD 2X 6 NO 1 KD SYP 0.849 = 0.461 + 0.388 1600 1050 1450
 BOT CHD 2X 6 NO 2 KD SYP 1.027 = 0.901 + 0.126 1300 675 1200

ALL WEBS 2X 4 NO 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTL LOAD DEF AT J10= 0.619 IN.
 ONE ROW LAT BRG REQ W 2,W 4,W 6 [J 1] -2497 3.6 (CMB= 0 1/4 IN.) SPAN/DEF= 852
 [J 7] -2230 3.5

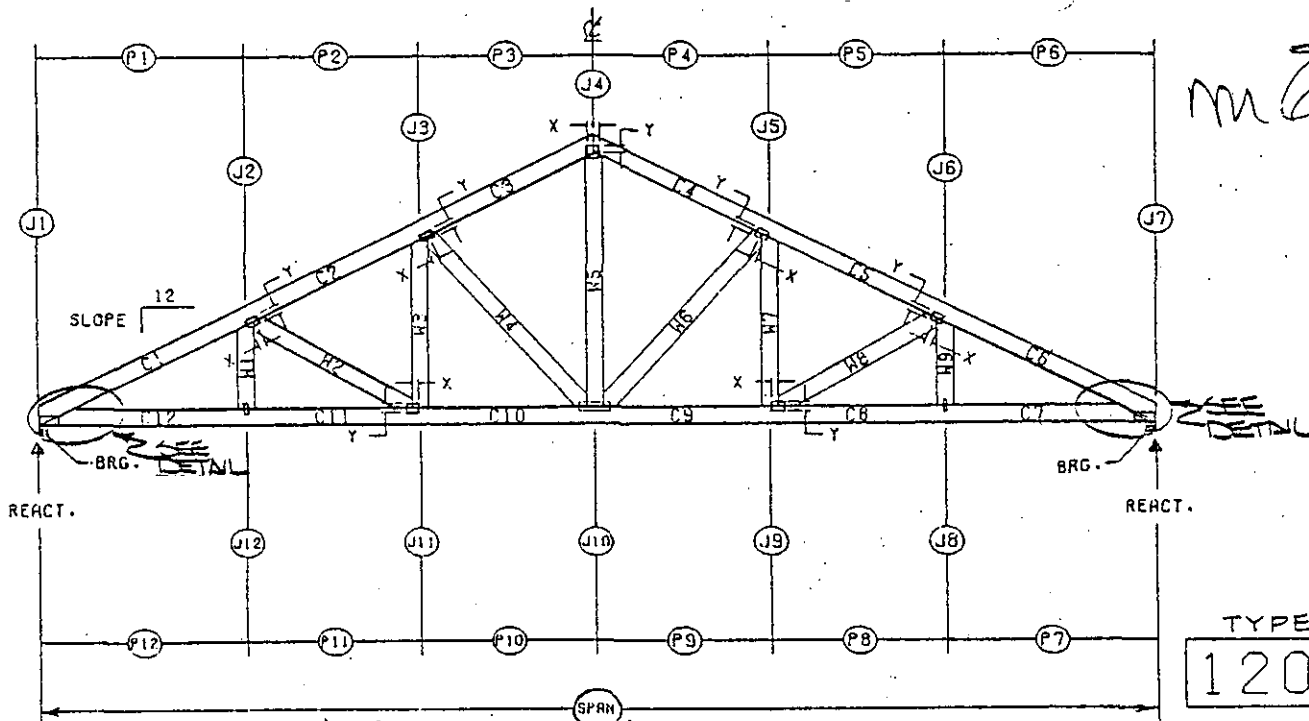
=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT
	PLATE SIZE	DIRECTION	X (IN) Y			PLATE SIZE	DIRECTION	X (IN) Y	
[J 1]	4 1/8 X 12 D	PARA-BC	CENTERED	1	[J 7]	4 1/8 X 12 D	PARA-BC	CENTERED	1
[J 2]	3 1/8 X 4 D	PARA-CD	1 1/2 3 1/8	5	[J 8]	1 X 4 D	PARA-WB	CENTERED	4
[J 3]	3 1/8 X 4 D	PARA-CD	2 1/4 3 1/8	5	[J 9]	3 1/8 X 4 D	PARA-CD	2 1/8 3 1/8	5
[J 4]	4 1/8 X 4 D	VERT	4 1/8 2 1/8	6	[J10]	4 1/8 X 6 D	PARA-CD	CENTERED	7
[J 5]	3 1/8 X 4 D	PARA-CD	2 1/8 3 1/8	5	[J11]	3 1/8 X 4 D	PARA-CD	2 1/8 3 1/8	5
[J 6]	3 1/8 X 4 D	PARA-CD	1 1/2 3 1/8	5	[J12]	1 X 4 D	PARA-WB	CENTERED	4

=CHD SPLICES-SLOTS PARA TO CHD(16FT. MAX LUMBER)=

[C 2] 3 1/8 X 6 D [C 9] 5 1/8 X 6 D
 [C 5] 3 1/8 X 4 D [C11] 6 1/8 X 8 D
 [C 8] 6 1/8 X 8 D

=====(PLATE RATINGS)=====
 20 GA. D (223 PSI NET)



DETAIL C 11-17

5/8 X 8 D

4/8 X 12 D

2x6 WEDGE

A-6367

TYPE
 1200

HYDRO-AIR
 ENGINEERING, INC.

P.O. Box 7359 St. Louis, Missouri 63177

DESIGN VALID ONLY FOR USE WITH HYDRO-AIR CONNECTORS. THIS TRUSS IS DESIGNED AS AN INDIVIDUAL BUILDING COMPONENT. IT IS TO BE INCORPORATED INTO A BUILDING DESIGN AT THE SPECIFICATION OF THE DESIGNER OF THE BUILDING. BRACING SPECIFIED IS FOR LATERAL SUP. OF INDIVIDUAL TRUSS MEMBERS ONLY. ADDITIONAL BRACING OF THE OVERALL STRUCTURE MAY BE REQUIRED. FOR GENERAL GUIDANCE SEE BRACING WOOD TRUSSES. FOR SPECIFIC TRUSS BRACING REQUIREMENTS CONTACT BUILDING DESIGNER. FOR INFORMATION REGARDING FABRICATION, QUALITY CONTROL, STORAGE, DELIVERY, ERECTION AND BRACING OF TRUSSES, CONSULT THE QUALITY CONTROL MANUAL AND THE RECOMMENDED CODE OF STANDARD PRACTICE.

(*AVAILABLE FROM TRUSS PLATE INSTITUTE, 2400 EAST DEVON AVENUE, DES PLAINES, IL 60018.)

NOTES:

1. CUT ALL MEMBERS TO BEAR.
2. CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
3. INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH (26") MEASURED FROM A JOINT.

JOB. NO. 805397
 PAGE 8B OF 12
 O/A HT= 7-10-01
 J C SNAVELY & SONS
 COMMON-2

TYPE= 1200
 SPAN= 44-00-00
 SPCG= 2-00-00

TOP SLP = 4.00/12
 BUTT CUT = 0-00-04
 TCDL= 10.0 PSF
 BCDL= 10.0 PSF
 TCDL= 10.0 PSF
 BCDL= 10.0 PSF
 TOTL= 50.0 PSF

DESIGN PER TPI-78 7-24-80
 REPETITIVE STRS USED V05.05
 TRUSS SYM ABOUT CL 2RM
 INCR:PL=1.15 LM=1.15

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS		
P 1= 8-02-08	4.00	C 1=	-5659	3889	W 1=	151
P 2= 6-10-12	4.00	C 2=	-4568	3889	W 2=	-1112
P 3= 6-10-12	4.00	C 3=	-3478	4122	W 3=	548

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS		
P10= 6-10-12	0.00	C10=	4334	1426	W 4=	-1280
P11= 6-10-12	0.00	C11=	5368	1645	W 5=	1648
P12= 8-02-08	0.00	C12=	5368	1645		

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

COMBINED
 STRS RATIO= AXIAL + BEND FB FT FC
 TOP CHD 2X 6 NO 2 KD SYP 0.836 = 0.516 + 0.321 1300 675 1200
 BOT CHD 2X 6 NO 2 KD SYP 0.965 = 0.838 + 0.126 1300 675 1200

ALL WEBS 2X 4 NO 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTL LOAD DEF AT J10= 0.630 IN.
 ONE ROW LAT BRG REQ W 4, W 6 (J 1, 7) -2200 3.5 (CMB= 0 3/8 IN.) SPAN/DEF= 838

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

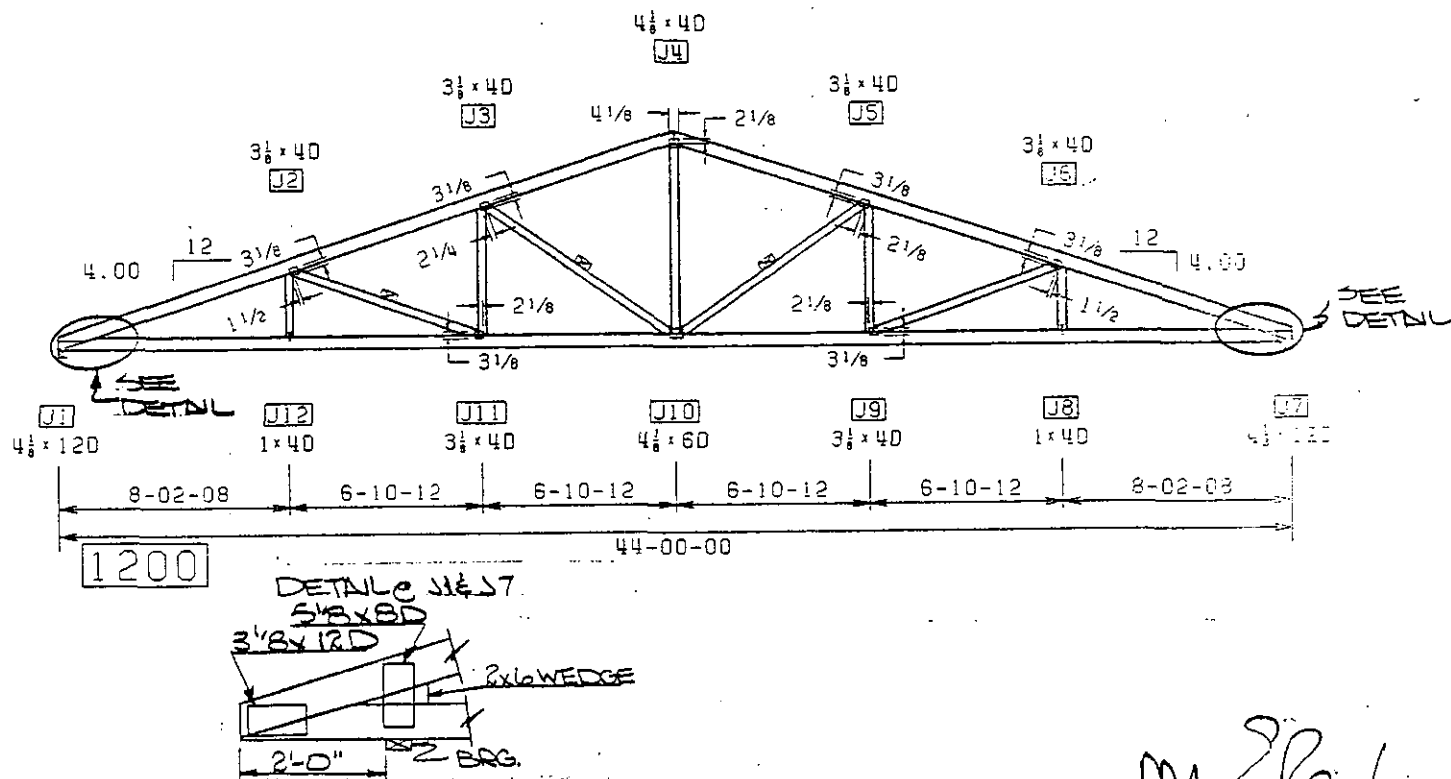
JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	
PLATE SIZE	DIRECTION	X (IN)	Y	TYPE		PLATE SIZE	DIRECTION	X (IN)	Y	
[J 1, 7]	4 1/8 X 12	D	PARA-BC	CENTERED	1	[J 4]	4 1/8 X 4	D	VERT	4 1/8 2 1/8 6
[J 2, 6]	3 1/8 X 4	D	PARA-CD	1 1/2 3 1/8	5	[J10]	4 1/8 X 6	D	PARA-CD	CENTERED 7
[J 3, 5]	3 1/8 X 4	D	PARA-CD	2 1/8 3 1/8	5	[J11, 9]	3 1/8 X 4	D	PARA-CD	2 1/8 3 1/8 5
						[J12, 8]	1 X 4	D	PARA-WB	CENTERED 4

=====CHD SPLICES-SLOTS PARA TO CHD(16FT. MAX LUMBER)=====

[C 2] 3 1/8 X 4 D [C 9] 5 1/8 X 6 D
 [C 8] 6 1/8 X 8 D [C11] 6 1/8 X 8 D

===== (PLATE RATINGS)=====

20 GA. D (223 PSI NET)



M. E. Reed

A-6367

JOB NO. 805397 TYPE= 1499 TOP SLP = 4.00/12 TCLL= 30.0 PSF DESIGN PER TPI-78 7-29-80
 PAGE 7 OF 12 SPAN= 44-00-00 BUTT CUT = 0-00-04 TCDL= 10.0 PSF REPETITIVE STRS USED V05.06
 O/A HT= 7-10-01 SPCG= 2-00-00 BCLL= 0.0 PSF TRUSS NON-SYM ABOUT CL 2RM
 J C SNAVELY & SONS BCDL= 10.0 PSF INCR:PL=1.15 LM=1.15
 COMMON-1 LFT CANT = 6-00-00 TOTL= 50.0 PSF

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE	PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS			FT-IN-SX	/12	LBS	IN-LB	LBS		
P 1= 6-00-00	4.00	C 1= 948	2203	W 1= -2434			P 8= 8-02-08	0.00	C 8= 4326	1645	W 8= -1280		
P 2= 5-04-00	4.00	C 2= -1998	2466	W 2= 2986			P 9= 6-10-12	0.00	C 9= 4326	1645	W 9= 548		
P 3= 5-04-00	4.00	C 3= -2520	2466	W 3= -941			P10= 6-10-12	0.00	C10= 3292	1426	W10= -1112		
P 4= 5-04-00	4.00	C 4= -2380	2466	W 4= 606			P11= 5-04-00	0.00	C11= 2390	1155	W11= 151		
P 5= 6-10-12	-4.00	C 5= -2380	4122	W 5= -243			P12= 5-04-00	0.00	C12= 1896	853			
P 6= 6-10-12	-4.00	C 6= -3470	3889	W 6= -192			P13= 5-04-00	0.00	C13= -900	616			
P 7= 8-02-08	-4.00	C 7= -4560	3889	W 7= 1016			P14= 6-00-00	0.00	C14= -900	550			

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

COMBINED
 STRS RATIO= AXIAL + BEND FB FT FC
 TOP CHD 2X 6 NO 2 KD SYP 0.732 = 0.416 + 0.316 1300 675 1200
 BOT CHD 2X 6 NO 2 KD SYP 0.802 = 0.676 + 0.126 1300 675 1200

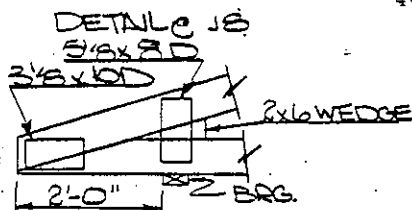
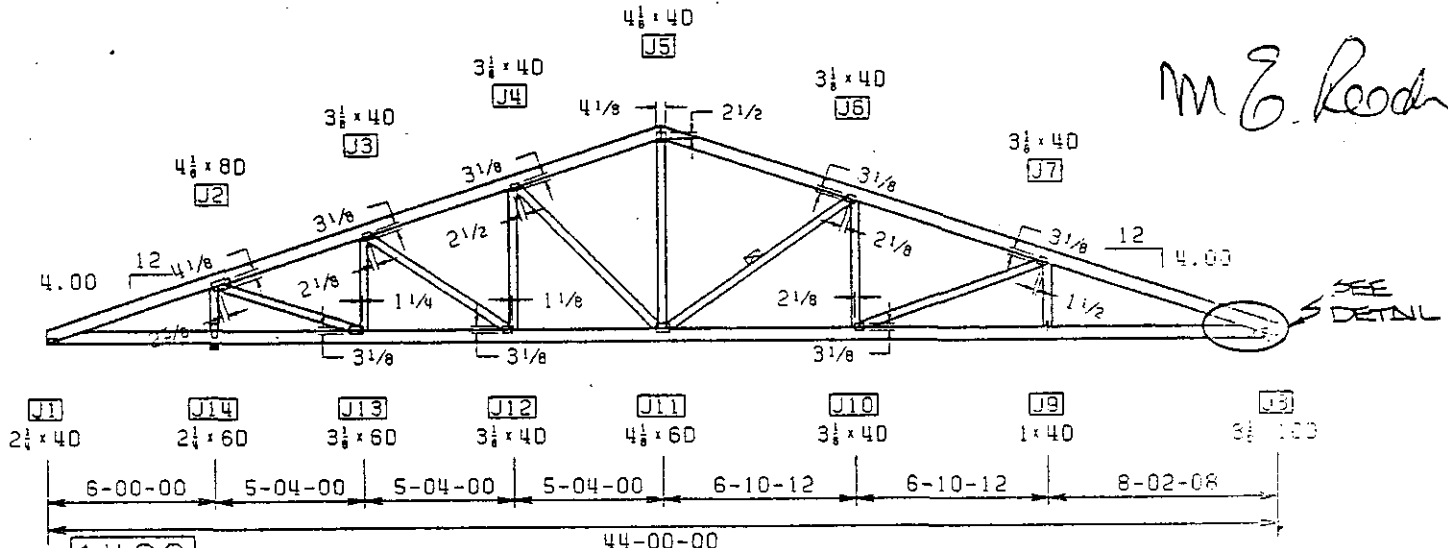
ALL WEBS 2X 4 NO 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTL LOAD DEF AT J11= 0.301 IN.
 ONE ROW LAT BRG REOD W 8 [J 8] -1852 3.5 (CMB= 0 1/8 IN.) SPAN/DEF= 999
 [J14] -2547 3.7

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT		
	PLATE SIZE	DIRECTION	X (IN) Y	TYPE		PLATE SIZE	DIRECTION	X (IN) Y	TYPE		
[J 1]	2 1/4 X 4	D	PARA-BC	CENTERED	1	[J 8]	3 1/8 X10	D	PARA-BC	CENTERED	1
[J 2]	4 1/8 X 8	D	PARA-CD	2 5/8 4 1/8	5	[J 9]	1 X 4	D	PARA-WB	CENTERED	4
[J 3]	3 1/8 X 4	D	PARA-CD	2 1/8 3 1/8	5	[J10]	3 1/8 X 4	D	PARA-CD	2 1/8 3 1/8	5
[J 4]	3 1/8 X 4	D	PARA-CD	2 1/2 3 1/8	5	[J11]	4 1/8 X 6	D	PARA-CD	CENTERED	7
[J 5]	4 1/8 X 4	D	VERT	4 1/8 2 1/2	6	[J12]	3 1/8 X 4	D	PARA-CD	1 1/8 3 1/8	5
[J 6]	3 1/8 X 4	D	PARA-CD	2 1/6 3 1/8	5	[J13]	3 1/8 X 6	D	PARA-CD	1 1/4 3 1/8	5
[J 7]	3 1/8 X 4	D	PARA-CD	1 1/2 3 1/8	5	[J14]	2 1/4 X 6	D	PARA-WB	CENTERED	4

=CHD SPLICES-SLOTS PARA TO CHD(16FT. MAX LUMBER)=
 [C 2] 3 1/8 X 4 D [C 9] 5 1/8 X 6 D
 [C 6] 3 1/8 X 4 D [C12] 3 1/8 X 4 D

====(PLATE RATINGS)====
 20 GA. D (223 PSI NET)



PROVIDE MECHANICAL CONNECTION (BY OTHERS) OF TRUSS TO BEARING AT JOINT 14 CAPABLE OF WITHSTANDING 360 LBS. OF UPLIFT.

A-6367



DESIGN VALID ONLY FOR USE WITH HYDRO-AIR CONNECTORS. THIS TRUSS IS DESIGNED AS AN INDIVIDUAL BUILDING COMPONENT. IT IS TO BE INCORPORATED INTO A BUILDING DESIGN AT THE SPECIFICATION OF THE DESIGNER OF THE BUILDING. BRACING SPECIFIED IS FOR LATERAL SUPPORT OF INDIVIDUAL TRUSS MEMBERS ONLY. ADDITIONAL BRACING OF THE OVERALL STRUCTURE MAY BE REQUIRED. FOR GENERAL GUIDANCE SEE BRACING WOOD TRUSSES. FOR SPECIFIC TRUSS BRACING REQUIREMENTS CONTACT BUILDING DESIGNER. FOR INFORMATION REGARDING FABRICATION, QUALITY CONTROL, STORAGE, DELIVERY, ERECTION AND BRACING OF TRUSSES, CONSULT THE QUALITY CONTROL MANUAL AND THE RECOMMENDED CODE OF STANDARD PRACTICE.
 (*AVAILABLE FROM TRUSS PLATE INSTITUTE, 2400 EAST DEVON AVENUE, DES PLAINES, IL. 60018.)

- NOTES:
1. CUT ALL MEMBERS TO BEAR.
 2. CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
 3. INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH (±6") MEASURED FROM A JOINT.

JOB. NO. 805397
 PAGE 6 OF 12
 O/A HT= 4-05-15
 J C SNAVELY & SONS
 CORNER-GIRD

TYPE= 823
 SPAN= 15-04-06
 SPCG= 1-00-00

TOP SLP = 3.12/12 TCLL= 0.0 PSF
 BUTT CUT = 0-00-04 TCCL= 10.0 PSF
 LFT CANT = 3-02-06 BCLL= 0.0 PSF
 R-END HGT= 4-05-15 BCDL= 10.0 PSF
 TOTL= 20.0 PSF

DESIGN PER TPI-78 7-30-80
 NO REPETITIVE STRESS V05.06
 TRUSS NON-SYM ABOUT CL 2RM
 INCR:PL=1.15 LM=1.15

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE	PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12		LBS	IN-LB		LBS	FT-IN-SX	/12		LBS	IN-LB		LBS
P 1= 5-09-13	3.12	C 1=	1108	4793	W 1=	-2969	P 5= 4-09-05	0.00	C 5=	1497	2257	W 5=	-1728
P 2= 4-09-05	3.12	C 2=	-1546	6511	W 2=	158	P 6= 4-09-05	0.00	C 6=	1497	1744		
P 3= 4-09-05	3.12	C 3=	0	6511	W 3=	0	P 7= 2-07-06	0.00	C 7=	1497	775		
P 4= 4-00-04	VERT	C 4=	-561	0	W 4=	279	P 8= 3-02-06	0.00	C 8=	-1072	193		

ADD'L UNIFORM LDS- C 1= 75.0 PSF, C 2= 163.0 PSF, C 3= 225.0 PSF, C 5= 56.0 PSF, C 6= 41.0 PSF,
 C 7= 18.0 PSF, C 8= 10.0 PSF
 PURLINS REQ'D @ 36.0" O.C. ON C 8

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

COMBINED

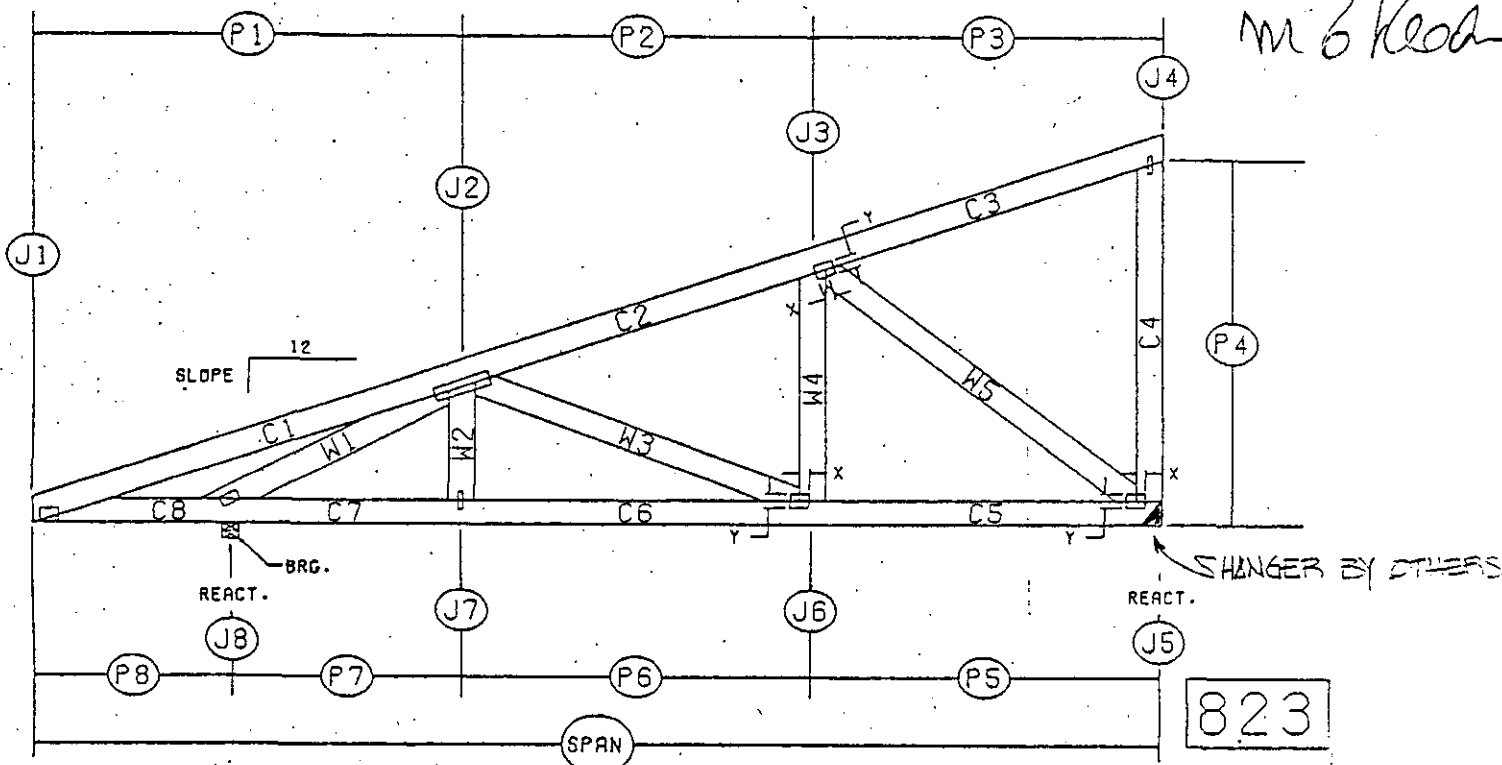
TOP CHD 2X 6 NO 2 KD SYP STRS RATIO= AXIAL + BEND FB FT FC
 0.712 = 0.136 + 0.576 1300 675 1200
 BOT CHD 2X 4 NO 2 KD SYP 0.689 = 0.276 + 0.414 1550 900 1150

ALL WEBS 2X 4 NO 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTAL LOAD DEF AT J 6= 0.058 IN.
 (CAMB= 0 1/8 IN.) SPAN/DEF= 999
 [J 5] -1582 3.5
 [J 8] -1555 3.5

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	
	PLATE SIZE	DIRECTION	X (IN) Y	TYPE		PLATE SIZE	DIRECTION	X (IN) Y	TYPE	
[J 1]	2 1/4 X 4	D	PARA-BC	CENTERED	1	[J 5]	3 1/8 X 6	D	PARA-BC	1 7/8 3 1/8 15
[J 2]	3 1/8 X10	D	PARA-CD	CENTERED	7	[J 6]	3 1/8 X 4	D	PARA-CD	2 7/8 3 1/8 5
[J 3]	3 1/8 X 4	D	PARA-CD	1 3/8 3 1/8	5	[J 7]	1 X 4	D	PARA-WB	CENTERED 4
[J 4]	1 X 4	D	PARA-VC	CENTERED	14	[J 8]	3 1/8 X 6	D	PARA-WB	CENTERED 4

====(PLATE RATINGS)====
 20 GA. D (223 PSI NET)



A-6367



DESIGN VALID ONLY FOR USE WITH HYDRO-AIR CONNECTORS. THIS TRUSS IS DESIGNED AS AN INDIVIDUAL BUILDING COMPONENT. IT IS TO BE INCORPORATED INTO A BUILDING DESIGN AT THE SPECIFICATION OF THE DESIGNER OF THE BUILDING. BRACING SPECIFIED IS FOR LATERAL SUPPORT OF INDIVIDUAL TRUSS MEMBERS ONLY. ADDITIONAL BRACING OF THE OVERALL STRUCTURE MAY BE REQUIRED. FOR GENERAL GUIDANCE SEE "BRACING WOOD TRUSSES". FOR SPECIFIC TRUSS BRACING REQUIREMENTS CONTACT BUILDING DESIGNER. FOR INFORMATION REGARDING FABRICATION, QUALITY CONTROL, STORAGE, DELIVERY, ERECTION AND BRACING OF TRUSSES, CONSULT THE QUALITY CONTROL MANUAL AND THE RECOMMENDED CODE OF STANDARD PRACTICE.

(*AVAILABLE FROM TRUSS PLATE INSTITUTE, 2400 EAST DEVON AVENUE, DES PLAINES, IL 60018.)

- NOTES:
1. CUT ALL MEMBERS TO BEAR.
 2. CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
 3. INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH (12") MEASURED FROM A JOINT.

JOB. NO. 805397
 PAGE 5 OF 12
 O/A HT= 7-00-01
 J C SNAVELY & SONS
 HIP-3

TYPE= 1499
 SPAN= 44-00-00
 SPCG= 2-00-00

TOP SLP = 4.00/12
 BUTT CUT = 0-00-04
 LFT CANT = 6-00-00

TCLL= 30.0 PSF
 TCCL= 10.0 PSF
 BCLL= 0.0 PSF
 BCDL= 10.0 PSF
 TOTL= 50.0 PSF

DESIGN PER TPI-78 7-29-80
 REPETITIVE STRS USED V05.06
 TRUSS NON-SYM ABOUT CL 2RM
 INCR:PL=1.15 LM=1.15

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE	PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12		LBS	IN-LB		LBS	FT-IN-SX	/12		LBS	IN-LB		LBS
P 1= 6-00-00	4.00	C 1=	948	3199	W 1=	-2419	P 8= 7-04-08	0.00	C 8=	4451	1296	W 8=	-1130
P 2= 6-09-00	4.00	C 2=	-2248	3950	W 2=	3163	P 9= 6-00-12	0.00	C 9=	4451	1296	W 9=	490
P 3= 6-09-00	4.00	C 3=	-2493	3950	W 3=	-763	P 10= 6-00-12	0.00	C 10=	3542	1102	W 10=	-981
P 4= 5-00-00	0.00	C 4=	-2632	2707	W 4=	274	P 11= 5-00-00	0.00	C 11=	2365	1107	W 11=	134
P 5= 6-00-12	-4.00	C 5=	-2775	3186	W 5=	-28	P 12= 6-09-00	0.00	C 12=	2133	1367		
P 6= 6-00-12	-4.00	C 6=	-3733	3186	W 6=	438	P 13= 6-09-00	0.00	C 13=	-900	987		
P 7= 7-04-08	-4.00	C 7=	-4692	3044	W 7=	435	P 14= 6-00-00	0.00	C 14=	-900	800		

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

COMBINED
 STRS RATIO= AXIAL + BEND FB FT FC
 TOP CHD 2X 6 NO 2 KD SYP 0.659 = 0.421 + 0.237 1300 675 1200
 BOT CHD 2X 6 NO 2 KD SYP 0.795 = 0.695 + 0.099 1300 675 1200

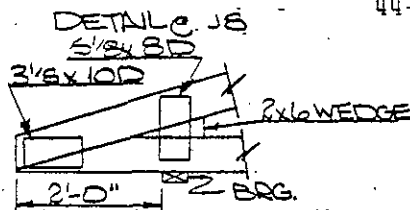
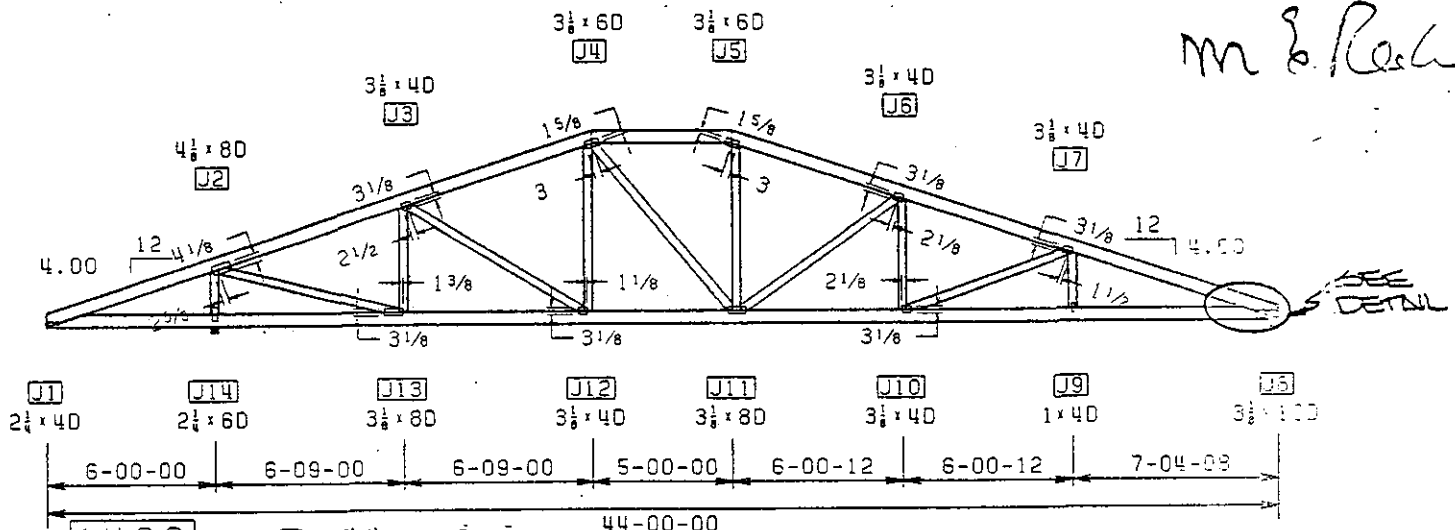
ALL WEBS 2X 4 NO 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTL LOAD DEF AT J11= 0.328 IN.
 EXC W 2,W 8 2X 4 NO 2 KD SYP [J 8] -1852 3.5 (CMB= 0 1/4 IN.) SPAN/DEF= 999
 [J14] -2547 3.7

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 76-28, SBCC 72121-78)=====

JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT
	PLATE SIZE	DIRECTION	X (IN) Y	TYPE		PLATE SIZE	DIRECTION	X (IN) Y	TYPE
[J 1]	2 1/4 X 4 D	PARA-BC	CENTERED	1	[J 8]	3 1/8 X 10 D	PARA-BC	CENTERED	1
[J 2]	4 1/8 X 8 D	PARA-CD	2 5/8 4 1/8	5	[J 9]	1 X 4 D	PARA-WB	CENTERED	4
[J 3]	3 1/8 X 4 D	PARA-CD	2 1/2 3 1/8	5	[J 10]	3 1/8 X 4 D	PARA-CD	2 1/8 3 1/8	5
[J 4]	3 1/8 X 6 D	PARA-SC	3 1 1/2	8A	[J 11]	3 1/8 X 8 D	PARA-CD	CENTERED	7
[J 5]	3 1/8 X 6 D	PARA-SC	3 1 1/2	18A	[J 12]	3 1/8 X 4 D	PARA-CD	1 1/8 3 1/8	5
[J 6]	3 1/8 X 4 D	PARA-CD	2 1/8 3 1/8	5	[J 13]	3 1/8 X 8 D	PARA-CD	1 3/8 3 1/8	5
[J 7]	3 1/8 X 4 D	PARA-CD	1 1/2 3 1/8	5	[J 14]	2 1/4 X 6 D	PARA-WB	CENTERED	4

=CHD SPLICES-SLOTS PARA TO CHD(16FT. MAX LUMBER)=
 [C 2] 3 1/8 X 4 D [C10] 4 1/8 X 6 D
 [C 6] 3 1/8 X 4 D [C12] 3 1/8 X 4 D

====(PLATE RATINGS)====
 20 GA. D (223 PSI NET)



PROVIDE MECHANICAL CONNECTION (BY OTHERS) OF TRUSS TO BEARING AT JOINT 14 CAPABLE OF WITHSTANDING 360 LBS. OF UPLIFT.

A-6367



DESIGN VALID ONLY FOR USE WITH HYDRO-AIR CONNECTORS. THIS TRUSS IS DESIGNED AS AN INDIVIDUAL BUILDING COMPONENT. IT IS TO BE INCORPORATED INTO A BUILDING DESIGN AT THE SPECIFICATION OF THE DESIGNER OF THE BUILDING. BRACING SPECIFIED IS FOR LATERAL SUPPORT OF INDIVIDUAL TRUSS MEMBERS ONLY. ADDITIONAL BRACING OF THE OVERALL STRUCTURE MAY BE REQUIRED. FOR GENERAL GUIDANCE SEE BRACING WOOD TRUSSES. FOR SPECIFIC TRUSS BRACING REQUIREMENTS CONTACT BUILDING DESIGNER. FOR INFORMATION REGARDING FABRICATION, QUALITY CONTROL, STORAGE, DELIVERY, ERECTION AND BRACING OF TRUSSES, CONSULT THE QUALITY CONTROL MANUAL* AND THE RECOMMENDED CODE OF STANDARD PRACTICE*.
 (*AVAILABLE FROM TRUSS PLATE INSTITUTE, 2400 EAST DEVON AVENUE, DES PLAINES, IL 60018.)

- NOTES:
1. CUT ALL MEMBERS TO BEAR.
 2. CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
 3. INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH (+/-) MEASURED FROM A JOINT.

JOB: NO. 805397 TYPE= 1699 TOP SLP = 4.00/12 TCLL= 30.0 PSF DESIGN PER TPI-78 7-29-80
 PAGE 4 OF 12 SPAN= 44-00-00 BUTT CUT = 0-00-04 TCDL= 10.0 PSF REPETITIVE STRS USED V05.06
 O/A HT= 6-02-01 SPCG= 2-00-00 BCLL= 0.0 PSF TRUSS NON-SYM ABOUT CL 2RM
 J C SNAVELY & SONS HCDL= 10.0 PSF INCR:PL=1.15 LM=1.15
 HIP-2 LFT CANT = 6-00-00 TOTL= 50.0 PSF

PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE	PANEL LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
FT-IN-SX	/12	LBS	IN-LB	LBS			FT-IN-SX	/12	LBS	IN-LB	LBS		
P 1= 6-00-00	4.00	C 1= 948	2271	W 1= -2432			P 9= 6-06-08	0.00	C 9= 4576	988	W 9= 690		
P 2= 5-06-00	4.00	C 2= -2034	2622	W 2= 3011			P10= 5-02-12	0.00	C10= 4576	988	W10= -980		
P 3= 5-06-00	4.00	C 3= -2524	2622	W 3= -919			P11= 5-02-12	0.00	C11= 3792	820	W11= 431		
P 4= 5-00-00	0.00	C 4= -2922	2430	W 4= 566			P12= 5-00-00	0.00	C12= 3007	784	W12= -849		
P 5= 5-00-00	0.00	C 5= -2922	2430	W 5= -219			P13= 5-00-00	0.00	C13= 2394	826	W13= 117		
P 6= 5-02-12	-4.00	C 6= -3170	2370	W 6= 796			P14= 5-06-00	0.00	C14= 1929	907			
P 7= 5-02-12	-4.00	C 7= -3997	2370	W 7= -400			P15= 5-06-00	0.00	C15= -900	655			
P 8= 6-06-08	-4.00	C 8= -4824	2370	W 8= -129			P16= 6-00-00	0.00	C16= -900	567			

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

COMBINED
 STRS RATIO= AXIAL + BEND FB FT FC
 TOP CHD 2X 6 NO 2 KD SYP 0.605 = 0.424 + 0.182 1300 675 1200
 BOT CHD 2X 6 NO 2 KD SYP 0.790 = 0.715 + 0.076 1300 675 1200

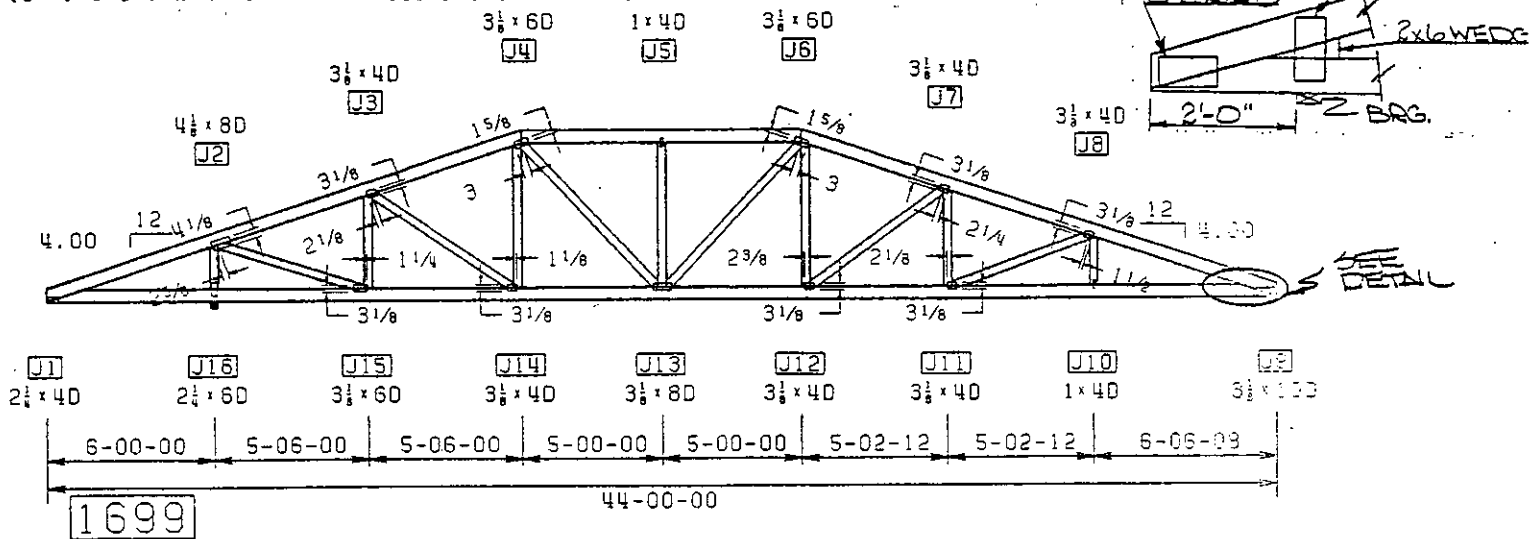
ALL WEBS 2X 4 NO 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTAL LOAD DEF AT J12= 0.355 IN.
 [J 9] -1852 3.5 (CAMB= 0 1/4 IN.) SPAN/DEF= 999
 [J16] -2547 3.7

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT
PLATE SIZE	DIRECTION	X (IN) Y	TYPE	PLATE SIZE	DIRECTION	X (IN) Y	TYPE	PLATE SIZE	DIRECTION
[J 1]	2 1/4 X 4 D	PARA-BC	CENTERED	1	[J 9]	3 1/8 X10 D	PARA-BC	CENTERED	1
[J 2]	4 1/8 X 8 D	PARA-CD	2 5/8 4 1/8	5	[J10]	1 X 4 D	PARA-WB	CENTERED	4
[J 3]	3 1/8 X 4 D	PARA-CD	2 1/8 3 1/8	5	[J11]	3 1/8 X 4 D	PARA-CD	2 1/8 3 1/8	5
[J 4]	3 1/8 X 6 D	PARA-SC	3 1 1/2	8A	[J12]	3 1/8 X 4 D	PARA-CD	2 3/8 3 1/8	5
[J 5]	1 X 4 D	PARA-WB	CENTERED	4	[J13]	3 1/8 X 8 D	PARA-CD	CENTERED	7
[J 6]	3 1/8 X 6 D	PARA-SC	3 1 1/2	8A	[J14]	3 1/8 X 4 D	PARA-CD	1 1/8 3 1/8	5
[J 7]	3 1/8 X 4 D	PARA-CD	2 1/4 3 1/8	5	[J15]	3 1/8 X 6 D	PARA-CD	1 1/4 3 1/8	5
[J 8]	3 1/8 X 4 D	PARA-CD	1 1/2 3 1/8	5	[J16]	2 1/4 X 6 D	PARA-WB	CENTERED	4

=CHD SPLICES-SLOTS PARA TO CHD(16FT. MAX LUMBER)=
 [C 2] 3 1/8 X 4 D [C11] 4 1/8 X 6 D
 [C 7] 3 1/8 X 4 D [C14] 3 1/8 X 4 D

=====(PLATE RATINGS)====
 20 GA. D (223 PSI NET)



PROVIDE MECHANICAL CONNECTION (BY OTHERS) OF TRUSS TO BEARING AT JOINT 16 CAPABLE OF WITHSTANDING 30 LBS. OF UPLIFT.

A-6367 M E Reppan



P.O. Box 7359 St. Louis, Missouri 63177

DESIGN VALID ONLY FOR USE WITH HYDRO-AIR CONNECTORS. THIS TRUSS IS DESIGNED AS AN INDIVIDUAL BUILDING COMPONENT. IT IS TO BE INCORPORATED INTO A BUILDING DESIGN AT THE SPECIFICATION OF THE DESIGNER OF THE BUILDING. BRACING SPECIFIED IS FOR LATERAL SUPPORT OF INDIVIDUAL TRUSS MEMBERS ONLY. ADDITIONAL BRACING OF THE OVERALL STRUCTURE MAY BE REQUIRED. FOR GENERAL GUIDANCE SEE BRACING WOOD TRUSSES. FOR SPECIFIC TRUSS BRACING REQUIREMENTS CONTACT BUILDING DESIGNER. FOR INFORMATION REGARDING FABRICATION, QUALITY CONTROL, STORAGE, DELIVERY, ERECTION AND BRACING OF TRUSSES, CONSULT THE QUALITY CONTROL MANUAL* AND THE RECOMMENDED CODE OF STANDARD PRACTICE*.
 (*AVAILABLE FROM TRUSS PLATE INSTITUTE, 2400 EAST DEVON AVENUE, DES PLAINES, IL. 60018.)

- NOTES:
1. CUT ALL MEMBERS TO BEAR.
 2. CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
 3. INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH (±6") MEASURED FROM A JOINT.

JOB NO. 805397
 PAGE 3 OF 12
 O/A HT= 5-04-01
 J C SNAVELY & SONS
 HIP-1

TYPE= 1899
 SPAN= 44-00-00
 SPCG= 2-00-00

TOP SLP = 4.00/12
 BUTT CUT = 0-00-04
 LFT CANT = 6-00-00
 TCLL= 30.0 PSF
 TCCL= 10.0 PSF
 BCLL= 0.0 PSF
 BCCL= 10.0 PSF
 TCTL= 50.0 PSF

DESIGN PER TPI-78 7-29-80
 REPETITIVE STRS USED V05.06
 TRUSS NON-SYM ABOUT CL 2RM
 INCR:PL=1.15 LM=1.15

PANEL	LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE	PANEL	LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
	FT-IN-SX	/12	LBS	IN-LB	LBS		LBS		FT-IN-SX	/12	LBS	IN-LB	LBS		LBS
P 1=	6-00-00	4.00	C 1=	948	1786	W 1=	-2444	P10=	5-08-08	0.00	C10=	4701	722	W10=	219
P 2=	4-03-00	4.00	C 2=	-1719	1786	W 2=	2797	P11=	4-04-12	0.00	C11=	4701	722	W11=	599
P 3=	4-03-00	4.00	C 3=	-2429	1566	W 3=	-1106	P12=	4-04-12	0.00	C12=	4042	662	W12=	-830
P 4=	5-00-00	0.00	C 4=	-3181	2167	W 4=	864	P13=	5-00-00	0.00	C13=	3382	750	W13=	373
P 5=	5-00-00	0.00	C 5=	-3181	2167	W 5=	-449	P14=	5-00-00	0.00	C14=	3540	750	W14=	-718
P 6=	5-00-00	0.00	C 6=	-3540	2167	W 6=	1219	P15=	5-00-00	0.00	C15=	2304	750	W15=	101
P 7=	4-04-12	-4.00	C 7=	-3565	1675	W 7=	-400	P16=	4-03-00	0.00	C16=	1631	641		
P 8=	4-04-12	-4.00	C 8=	-4261	1675	W 8=	-499	P17=	4-03-00	0.00	C17=	-900	446		
P 9=	5-08-08	-4.00	C 9=	-4956	1675	W 9=	-52	P18=	6-00-00	0.00	C18=	-900	446		

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

COMBINED
 STRS RATIO= AXIAL + BEND FB FT FC
 TOP CHD 2X 6 NO 2 KD SYP 0.564 = 0.435 + 0.128 1300 675 1200
 BOT CHD 2X 6 NO 2 KD SYP 0.790 = 0.734 + 0.055 1300 675 1200

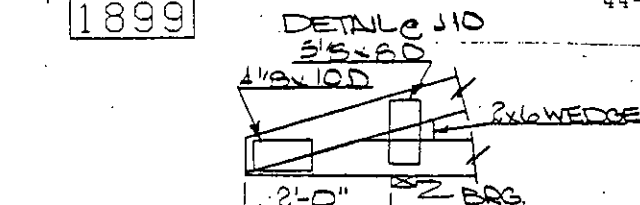
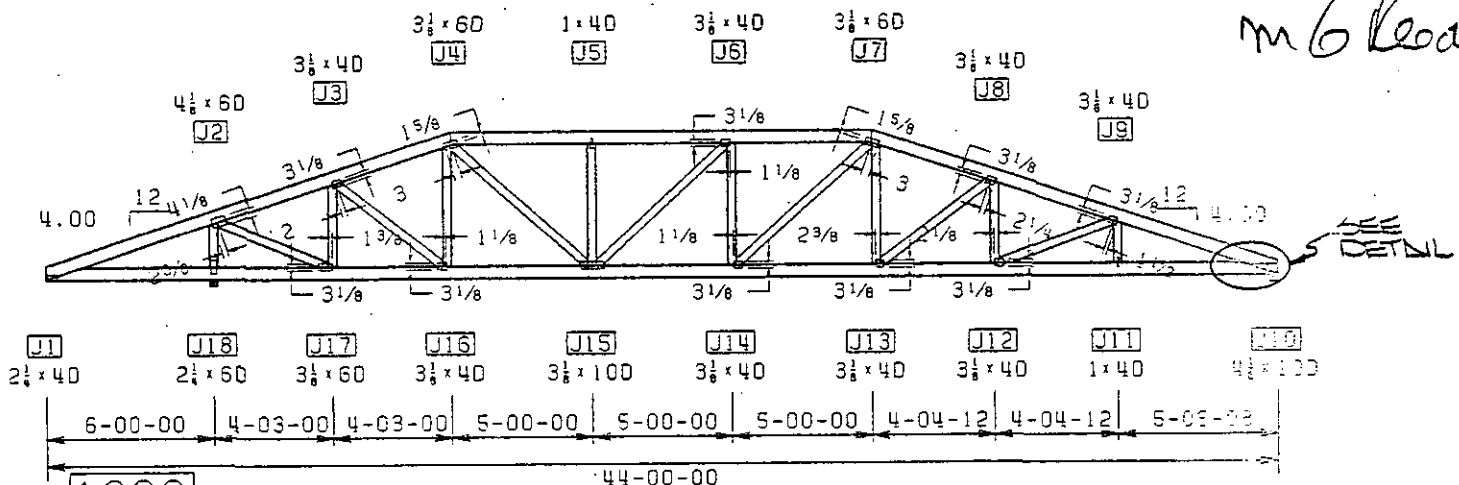
ALL WEBS 2X 4 NO 3 KD SYP JOINT REACT(LB) MIN BRG(IN) TOTAL LOAD DEF AT J14= 0.372 IN.
 [J10] -1852 3.5 (CAMB= 0 1/4 IN.) SPAN/DEF= 999
 [J18] -2547 3.7

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT	JOINT	HYDRO-NAIL	SLOT	LOCATION	JOINT
	PLATE SIZE	DIRECTION	X (IN) Y	TYPE		PLATE SIZE	DIRECTION	X (IN) Y	TYPE
[J 1]	2 1/4 X 4 D	PARA-BC	CENTERED	1	[J10]	4 1/8 X10 D	PARA-BC	CENTERED	1
[J 2]	4 1/8 X 6 D	PARA-CD	2 3/8 4 1/8	5	[J11]	1 X 4 D	PARA-WB	CENTERED	4
[J 3]	3 1/8 X 4 D	PARA-CD	2 3 1/8	5	[J12]	3 1/8 X 4 D	PARA-CD	2 1/8 3 1/8	5
[J 4]	3 1/8 X 6 D	PARA-SC	3 1 1/2	8A	[J13]	3 1/8 X 4 D	PARA-CD	2 3/8 3 1/8	5
[J 5]	1 X 4 D	PARA-WB	CENTERED	4	[J14]	3 1/8 X 4 D	PARA-CD	1 1/8 3 1/8	5
[J 6]	3 1/8 X 4 D	PARA-CD	1 1/8 3 1/8	5	[J15]	3 1/8 X10 D	PARA-CD	CENTERED	7
[J 7]	3 1/8 X 6 D	PARA-SC	3 1 1/2	8A	[J16]	3 1/8 X 4 D	PARA-CD	1 1/8 3 1/8	5
[J 8]	3 1/8 X 4 D	PARA-CD	2 1/4 3 1/8	5	[J17]	3 1/8 X 6 D	PARA-CD	1 3/8 3 1/8	5
[J 9]	3 1/8 X 4 D	PARA-CD	1 1/2 3 1/8	5	[J18]	2 1/4 X 6 D	PARA-WB	CENTERED	4

=CHD SPLICES-SLOTS PARA TO CHD(16FT. MAX LUMBER)=
 (C13) 4 1/8 X 6 D
 (C15) 3 1/8 X 4 D

====(PLATE RATINGS)====
 20 GA. D (223 PSI NET).



PROVIDE MECHANICAL CONNECTION (BY OTHERS) OF TRUSS TO BEARING AT JOINT 18 CAPABLE OF WITHSTANDING 300 LBS. OF UPLIFT.

A-6367



DESIGN VALID ONLY FOR USE WITH HYDRO-AIR CONNECTORS. THIS TRUSS IS DESIGNED AS AN INDIVIDUAL BUILDING COMPONENT. IT IS TO BE INCORPORATED INTO A BUILDING DESIGN AT THE SPECIFICATION OF THE DESIGNER OF THE BUILDING. BRACING SPECIFIED IS FOR LATERAL SUPPORT OF INDIVIDUAL TRUSS MEMBERS ONLY. ADDITIONAL BRACING OF THE OVERALL STRUCTURE MAY BE REQUIRED. FOR GENERAL GUIDANCE SEE BRACING WOOD TRUSSES. FOR SPECIFIC TRUSS BRACING REQUIREMENTS CONTACT BUILDING DESIGNER. FOR INFORMATION REGARDING FABRICATION, QUALITY CONTROL, STORAGE, DELIVERY, ERECTION AND BRACING OF TRUSSES, CONSULT THE QUALITY CONTROL MANUAL AND THE RECOMMENDED CODE OF STANDARD PRACTICES.
 (*AVAILABLE FROM TRUSS PLATE INSTITUTE, 2400 EAST DEVON AVENUE, OES PLAINES, IL 60018.)

- NOTES:
- CUT ALL MEMBERS TO BEAR.
 - CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
 - INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH (x6") MEASURED FROM A JOINT.

DESIGN PER TPI-78 7-29-80
NO REPETITIVE STRESS V05.06
TRUSS SYM ABOUT CL 2RM
INCR:PL=1.15 LM=1.15

PANEL	LENGTH	SLOPE	CHORD	FORCE	MOMNT	WEB	FORCE
	FT-IN-SX	/12		LBS	IN-LB		LBS
P13=	5-00-14	0.00	C13=	17824	2238	W 5=	-1895
P14=	4-11-02	0.00	C14=	15132	2294	W 6=	1187
P15=	5-04-02	0.00	C15=	15532	514	W 7=	-1176
P16=	6-07-14	0.00	C16=	15532	514		

=====LUMBER DESIGN SUMMARY===== (DESIGNED IN ACCORDANCE WITH TPI-78 AND NDS-77)=====

		COMBINED							
		STRS RATIO= AXIAL + BEND FB FT FC							
TOP CHD	2X 6 NO 1 KD SYP	0.914	=	0.682	+ 0.232	1600	1050	1450	TWO PLIES MUST BE SECURELY
BOT CHD	2X 6 NO 1 KD SYP	0.975	=	0.895	+ 0.080	1600	1050	1450	FASTENED TOGETHER AS A UNIT.

ALL WEBS	2X 4	NO 3	KD	SY	JOINT	REACT(LB)	MIN BRG(IN)	TOTL LOAD DEF AT J13= 1.136 IN.
					[J 1, 9]	-5344	3.9	(CAMB= 0 1/2 IN.) SPAN/DEF= 464

=====CONNECTOR PLATE SELECTION===== (CONFORMS TO HUD TCB 17.05, BOCA 78-28, SBCC 72121-78)=====

JOINT	HYDRO-NAIL PLATE SIZE	SLOT DIRECTION	LOCATION X (IN) Y	JOINT TYPE	JOINT	HYDRO-NAIL PLATE SIZE	SLOT DIRECTION	LOCATION X (IN) Y	JOINT TYPE
[J 1, 9]	5 X10.5H	PARA-BC	CENTERED	1	[J 5]	1 X 4 D	PARA-WB	CENTERED	4
[J 2, 8]	3 1/8 X 4 D	PARA-CD	1 1/2 3 1/8	5	[J13]	4 1/8 X 8 D	PARA-CD	CENTERED	7
[J 3, 7]	4 1/8 X10 D	PARA-SC	5 2	8A	[J14,12]	4 1/8 X 6 D	PARA-CD	2 1/8 4 1/8	5
[J 4, 6]	3 1/8 X 4 D	PARA-CD	1 7/8 3 1/8	5	[J15,11]	4 1/8 X 6 D	PARA-CD	2 7/8 4 1/8	5
					[J16,10]	2 1/4 X 4 D	PARA-WB	CENTERED	4

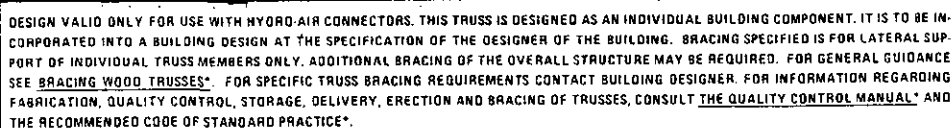
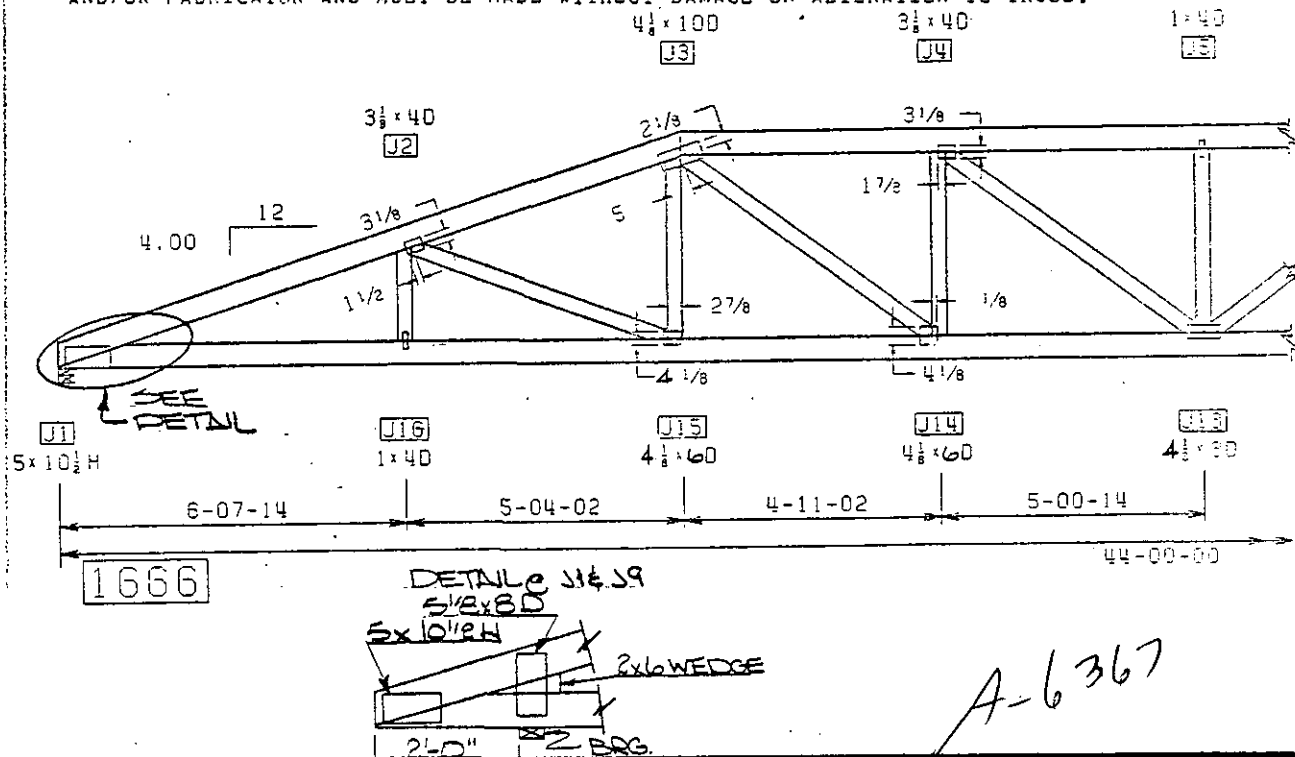
=CHD SPLICES-SLOTS PARA TD CHD(16FT. MAX LUMBER)=

[C 5]	5	1/8	X	6	D
[C11]	5	3/4	X	9	H
[C14]	5	3/4	X	9	H

====(PLATE RATINGS)====
20 GA. D (223 PSI NET)
16 GA. H (183 PSI NET)

SPECIAL NOTES:

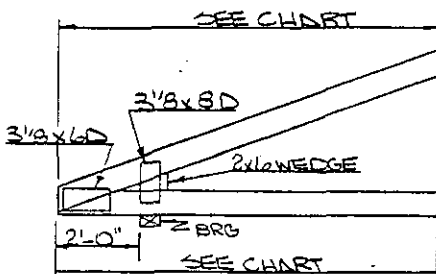
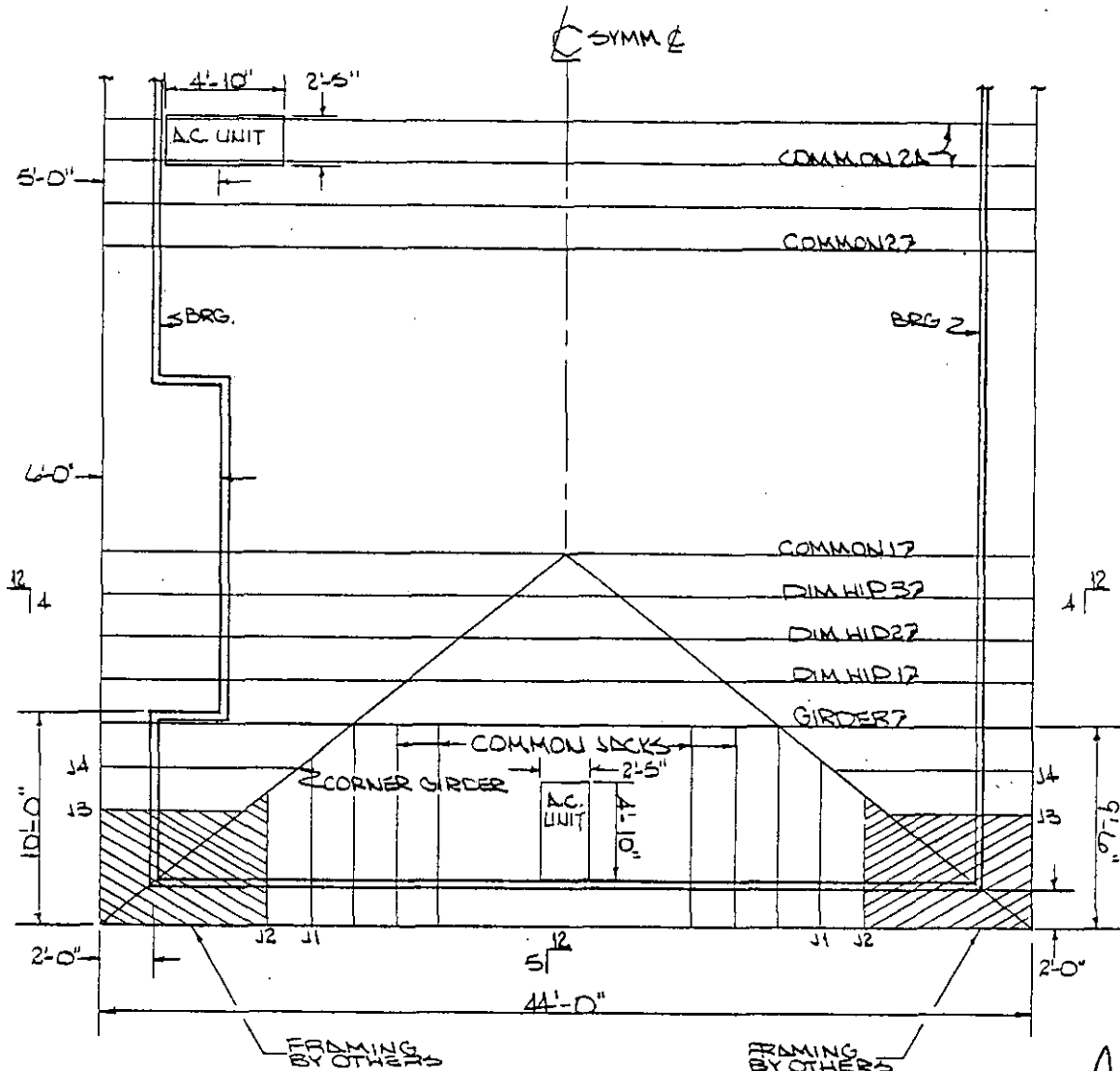
1. THE CONNECTIONS AND/OR MEANS OF SUPPORT (DESIGNED BY OTHERS) FOR THE CONCENTRATED LOADS SHOWN ABOVE ARE THE RESPONSIBILITY OF THE CONTRACTOR AND/OR FABRICATOR AND MUST BE MADE WITHOUT DAMAGE OR ALTERATION TO TRUSS.



NOTES:

2. CUT ALL MEMBERS TO BEAR.
2. CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
3. INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH ($\pm 6"$) MEASURED FROM A JOINT.

FRAMING PLAN



LENGTH	SIZE	JACKS
7'-11"	5/12	1
6'-8"	5/12	12
6'-9"	4/12	13
9'-3"	4/12	14

CHART

DESIGN CRITERIA				LUMBER SELECTION TABLE			
PLATES SHALL BE PLACED ON BOTH SIDES OF TRUSS JOINTS, LOCATED AS SHOWN ON THE BRACING AND FASTENED IN SECURELY.				SIZE, GRADE AND SPECIES			
HYDRO-AIR CONNECTOR PLATES SHALL BE OF GALVANIZED STEEL, AS MANUFACTURED BY HYDRO-AIR AND STAMPED HYDRO-AIR.				ALLOWABLE UNIT STRESSES (PSI)			
PLATE RATING: D-223 2x12 TRUSS SPACING: 2'-0" O.C.				MAXIMUM OVERALL SPAN			
LUMBER DESIGNED AT 15% AND FASTENERS AT 15% UNIT STRESS INCREASE.				TOP CHORD (DOWN CHORD)			
1	TOP CHORD	LIVE	30	2x6 NO. 2 KD SO PINE	1525	15	15
2	TOP CHORD	DEAD	10	2x6 NO. 2 KD SO PINE	1525	15	15
3	MOTION CHORD	LIVE	15				
4	MOTION CHORD	DEAD	10				
5	TOTAL DESIGN LOAD		55				

A-6367

M. E. Reed



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(* AVAILABLE FROM TRUSS PLATE INSTITUTE, 2400 EAST DEVON AVENUE, DES PLAINES, IL. 60018.)

- NOTES:
1. CUT ALL MEMBERS TO BEAR.
 2. CENTER PLATES ON BOTH SIDES OF TRUSS JOINTS UNLESS OTHERWISE NOTED.
 3. INDICATED CHORD SPLICE SHALL BE LOCATED 1/4 OF THE PANEL LENGTH (26") MEASURED FROM A JOINT.