

**CITY OF NAPOLEON
BUILDING CONSTRUCTION PERMIT
(1, 2 or 3 Family Dwelling)**

Permit No. 321-75
 Issued 8/30/75
 By Thomas W. Brown
 Building Inspector

Valuation \$1,650.00

Fees	Base	Plus	Total
Construction	\$16.50	--	\$16.50
Plumbing	--	--	--
Electrical	\$3.00	--	\$3.00
Heating			
Water Tap			
Sewer Tap			
Temporary Elec.	G.F.I.C. REQUIRED		
TOTAL	\$19.50	--	\$19.50

Owner Name Julian Grant
 Address 212 Fifth St.
 Builder Name self
 Address same Tel. 592-1102

Lot Information:

Street No. 212 Fifth St.
 Lot 26 A27 Subdivision Barna's 1st Add'n.
 Lot Dimensions 60' x 124.6 Lot Area 7,470 Sq. Ft.
 Yard Set Back: Front --- Rear Min. 15'
 One Side 5' Total --- Side Not Less Than 14'

Zoning "A" Intended use of Building: Constructing to the rear of the existing canopy, 2 1/2' x 2 1/2' addition.

Building Information:

Single Double Multiple New Construction Addition Remodel
 Size: Length 24' Width 24' No. of Stories 1
 Floor Area: 1st Floor 576 sq ft 2nd Floor --- 3rd Floor --- Basement ---
 Unfinished Attic --- Garage ---
 Foundation: Piers --- Full Basement --- Part Basement ---
 Concrete (12") Block ---
 Walls: Frame --- Block --- Brick --- Other ---
 Electrical: Wiring 2-circuits Electric Heating --- Electrical Appliances ---
 Plumbing: Fixtures or Traps --- Warm Air Heating --- Hot Water Heating ---

Additional Information: This permit requires compliance with the attached letters and the addendum marked exhibit "A" and made a part here-of.

Date 7-1-75 Applicant Signature Julian M. Grant
 Owner - Builder - Agent

NOTE: FOUNDATION & SLAB WAS POURED BEFORE INSPECTION WAS CONDUCTED.

Note: 8/13/75 approved 2"x6" 16" g/c For truss roof with metal or wood gussets both sides of joints PLW

Inspection Record:

Work Started ck'd by PLW 9/1/75 Foundations ---
 Set Back, Side Lines ok Plumbing (Rough In) --- And Air Conditioning ---
 Excavation --- Erecting Frame 8/13/75 Roof ---
 Footing --- Electrical Work PLW 8/13/75 Roughed Disapproved by Houes.

9/11 Rough in Elect Approved by Houes
 Plumbing, Heating

Comments: 9/2/75 siding property grounded, ck'd by PLW
9/2/75 informed Mr. Grant provide 1"x4" V-shaped bracing for ceiling

Certificate of Occupancy Issued 9/4/75 Above condition corrected PLW
 Inspector
 Pink - Engineer

CITY OF NAPOLEON

Engineering Department

ELECTRICAL INSPECTION FIELD REPORT

255 Riverview Avenue Napoleon, Ohio 43545

(Please Print or Type)

Date 9-4-75

Permit No. 321-75

Type of Inspection Rough

Type of Occupancy Garage Add.

Project Name Grant

Address 312 Fifth St.

City Napoleon State Ohio

Approved

Violation

Electrical Contractor

Remarks:

Code Reference

Corrected 9/11/75 & inspected by Howes

① Bonding of metal enclosure AW-250 NEC

② Protection of cable at all right angle corners where nails may be driven into cable AW-300 NEC

③ NM Cable support within 12 inches of termination and at least one 1/2 foot center AW-330 NEC

9/5/75 Give Grant Howes phone No to call about above violations. Howes

Compliance Time Before Covering Inspectors Signature M. Howes

Copies To:

White - Applicant Yellow - Engineering Pink - Electrical Inspector

existing
garage 16 x 20
hse. 40 x 20

Min. Setbacks Sides 5'
Rear 15'

CITY OF NAPOLEON
ENGINEERING DEPARTMENT
APPLICATION FOR CONSTRUCTION PERMIT
(PLEASE PRINT OR TYPE)

The undersigned hereby makes application for the construction, installation, replacement or alteration as herein specified, agreeing to do all such work in strict accordance with the City of Napoleon's Building Code for 1, 2 and 3 Family Buildings.

Owner's Name JULIAN M. & EDNA L. GRANT Address 212 FIFTH ST

Builder's Name SAME AS ABOVE Address 212 FIFTH ST Tel. 592-1402

LOT INFORMATION: (Not required for roofing or siding job.)

Location of Project 212 FIFTH ST Lot # 69

Subdivision _____ Lot Area 24/20 Sq. Ft.

Yard Set Back: Front _____ Rear _____ Left Side _____
Right Side _____ Zoning District "A"

BUILDING INFORMATION:

Single _____ Double _____ Multiple _____ New Construction _____

Addition _____ Remodel _____ Attached Garage _____

Detached Garage _____ Accessory Building Replacement _____

Brief Description of Work: _____

Size: Length 24' Width 24' No. of Stories 1

Floor Area: 1st Floor _____ Sq. Ft. 2nd Floor _____ Sq. Ft.

3rd Floor _____ Sq. Ft. Basement _____ Sq. Ft.

Unfinished Attic _____ Garage _____

Foundation: Piers _____ Full Basement _____ Part Basement _____

Concrete _____ Thickness _____ Block _____ Size _____

Walls: Frame _____ Block _____ Brick _____ Other _____

Specific Type of Exterior Siding _____

APPLICATION FOR PERMIT SHALL BE ACCOMPANIED BY ~~THE~~ COMPLETE SETS OF PLANS INCLUDING: ELEVATIONS, FLOOR PLANS, CROSS SECTIONS AND PLOT PLAN. IF ADDITIONS OR REMODELING, SHOW ALL EXISTING STRUCTURES AND THEIR SIZE AND LOCATION. ALL PLANS SHALL BE DRAWN TO 1/4"=1'-0" SCALE. PLOT PLAN DRAWN TO 1/8"=1'-0" SCALE.

ESTIMATED COST OF COMPLETED PROJECT: \$1,500.00

DATE _____ APPLICANT'S SIGNATURE Julian M. Grant
OWNER-BUILDER-AGENT

Cost of Permit \$6.00
\$9,300 cut in half = \$4,650.00

CITY OF NAPOLEON
ENGINEERING DEPARTMENT
APPLICATION FOR ELECTRICAL PERMIT
(PLEASE PRINT OR TYPE)

The undersigned hereby makes application for the installation, replacement, or alteration of electrical equipment as herein specified, agreeing to do all such work in strict accordance with the City of Napoleon's adopted Electrical Code for 1, 2 and 3 Family Buildings.

Owner's Name _____ Address _____

Contractor's Name Fred Bostelman Address 228 Madison Tel. 592-3280

LOT INFORMATION:

Location of Project _____ Zoning District _____

BUILDING INFORMATION:

Single Family _____ Double Family _____ Multiple Family _____
New Construction _____ Existing _____ Addition X
Replacement _____ Remodel _____ Service Change _____

Size: Total Square Foot Per Floor 576 No. of Stories 1

(Existing)

DESCRIPTION OF WORK

Size of Service 100 AMP. Service Change Only NO (Yes or No)

Total Number of New Circuits 3 Total Number of New Circuits Excluding Appliance Circuits 3

APPLIANCE CIRCUITS: (indicate quantity)

Electric Range _____ Range Hood _____ Clothes Dryer _____ Dishwasher _____
Air Conditioner _____ Attic Fan Blower _____ Room Exhaust Fan _____
Disposal _____ Hot Water Heater _____ Electric Oven _____

Require Temporary Electric _____ (Yes or No)

Note: G.F.I.C. required for all temporary electric with approved ground rod at service.

APPLICATION FOR PERMIT SHALL BE ACCOMPANIED BY TWO COMPLETE SETS OF PLANS INCLUDING: ELECTRICAL LAY-OUT AND ~~ESTIMATED COST~~

ESTIMATED COST OF COMPLETED PROJECT: _____

DATE _____ APPLICANT'S SIGNATURE _____
OWNER-CONTRACTOR-AGENT



June 30, 1975

Mr. Julian Grant
212 Fifth St.
Napoleon, Ohio 43545

Re: 24' x 24' Addition to Existing Garage
Located in "A" Zone - Bldg. Permit No. 321-75

Dear Mr. Grant:

So that there is no misunderstanding, I would like to take this time to explain a certain section of the City of Napoleon Zoning Ord. No. 1104, Section 85.44, (Home Occupations).

Home Occupations, such as making or repairing furnishings or crafts for sale is permitted only within 25% floor area of the existing dwelling. Under standard No. (3) absolutely forbids the addition or enlargement of a structure for this use.

If you have any questions, please feel free to contact me at the City Building or call phone number 592-4010.

Yours truly,

Thomas W. Terranova
Building & Zoning Inspector
Engineering Department

TWT/cv

Fifth St.

PRESENT Bldg

South Property Line

← 5' →

← 8' →

NEW
STRUCTURE

Gable End.

← 24' →

↑ 18' ↓

24'

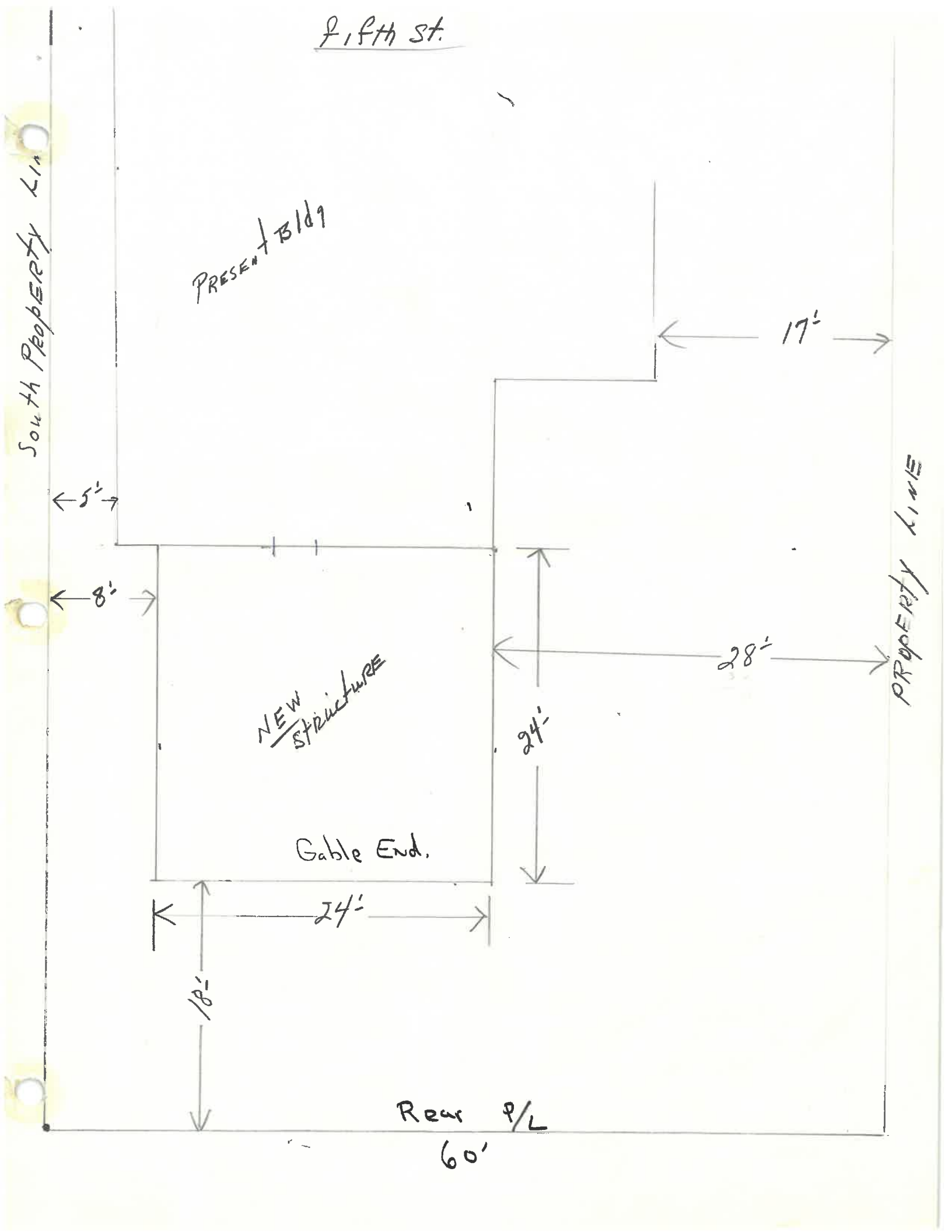
← 28' →

PROPERTY LINE

← 17' →

Rear P/L

60'



DATE June 30, 1975	JOB NO. Permit No. 321-75
PROJECT 24'x24' addition to garage	
LOCATION 212 FIFTH ST.	
CONTRACTOR Self	OWNER Grant
WEATHER _____	TEMP. ° at _____ AM ° at _____ PM
PRESENT AT SITE CITY OF NAPOLEON ENGINEERING DEPT. PLAN APPROVAL BY: <u>[Signature]</u> DATE: <u>6/30/75</u>	

TO Julian Grant
212 FIFTH ST.
Napoleon, Ohio
Addendum To Plan Approval

THE FOLLOWING WAS NOTED:

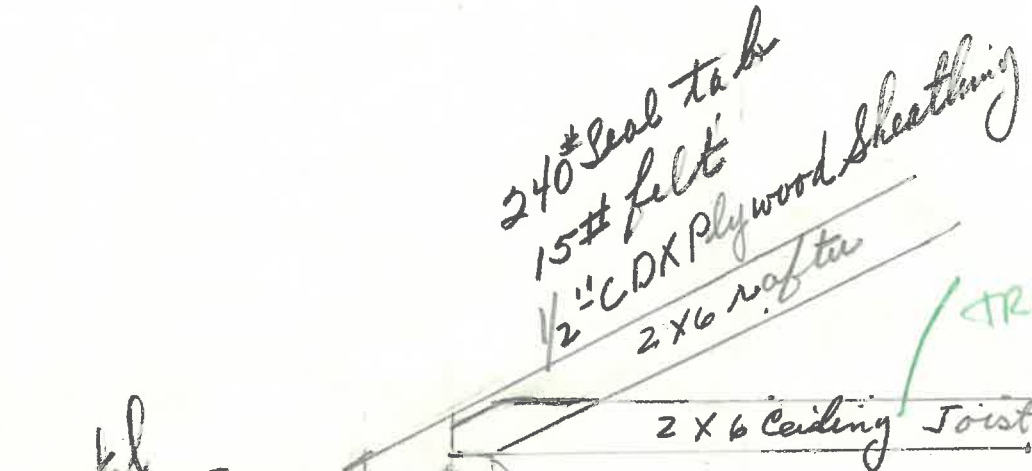
- During plan review and requires compliance with the City's adopted codes:
- 1) Provide 1/2" by 8" long anchor bolts every 8' o/c.
Sec. R303, & Fig. A3 of BOCA.
 - 2) Wire mesh or contraction joints, 4" base course, and vapor barrier for concrete slab, Sec. R603 - Fig A3.4
 - 3) IF Alum. or steel siding must be grounded & bonded, in a approved manner, BB-43-15.01 of OBC.
 - 4) Wall bracing, 1"x4" let-in or an approved sheathing
Sec. R-503
 - 5) Because of span of ceiling joist (24') must use 2"x8" 12" o/c. Table No. 7-B
 - 6) Provide proper thermal insulation in ceiling & walls, Sec. 876.1 BOCA 75'
 - 7) Provide proper ventilation of attic area, Sec. R-705
 - 8) Provide min. size of 22"x30" access opening to attic area. Sec. R-706 (2' min. head clearance)
 - 9) Wall between garage and new addition shall have 45 minute fire rating, (1/2" reg. gyp both sides). Door into garage shall be 1 3/4" solid core wood or equivalent.

COPIES TO Mr. Grant & on record with
Bldg. Permit No. 321-75

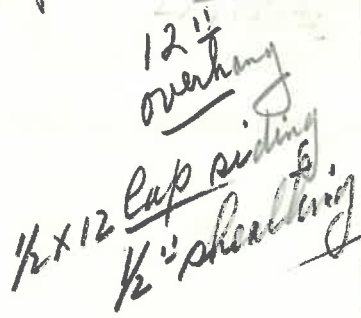
FIELD REPORT

SIGNED

[Signature]
Building Inspector



TRUSSED RAFTER



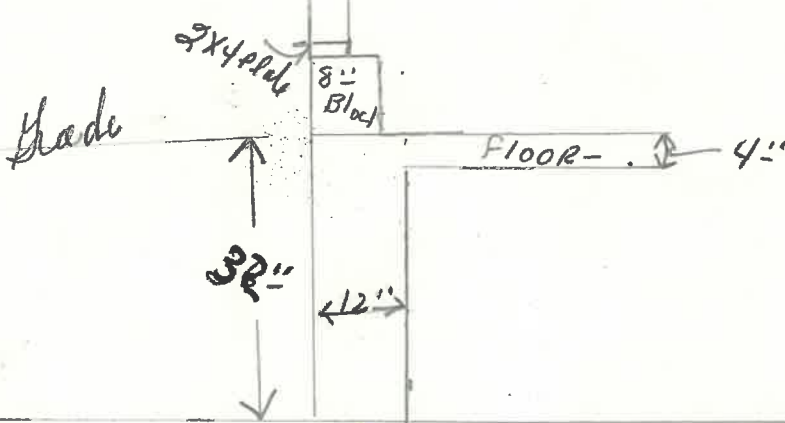
2x4 Stud
 92.58

7 1/4 yds Sate 26⁰⁰

7 1/2 floor 27⁰⁰

54 bl of @ .37

2 Mat 2.00
 500# H Sack



188.50
 209.50
 19.98
 5.30
 2.
 418.28



Blue Print

DESIGNED IN ACCORDANCE WITH TPI-74 AND 1973 NOS
 LL = 900
 AN = 40 FT. = 614.
 ACTING = 41.4 = 614.
 ON CENTER
 UNIFORM LOADING INCREASES
 LUMBER STRENGTH INCREASED = 1.15
 PLATE RATING INCREASED = 1.15

UNIFORM LOADING
 TOP CHORD LL = 35.0 PSF
 DL = 5.0 PSF
 ROY CHORD LL = 0.0 PSF
 DL = 0.0 PSF
 TOTAL LOAD = 40.0 PSF

J 1	6 1/2 X 10 1/2H
J 2	2 5/8 X 4 1/2H
J 3	2 1/4 X 4 D
J 4	5 1/8 X 6 D
J 9	4 1/8 X 10 D

31-75
 BIN 2 5/8IN

MAXIMUM PURLIN SPACING 24 IN. ON CENTER.
 LINES OF LATERAL BRACING AT MAX. SPACING OF 11 FT. 0. C.
 ARE REQUIRED ON THE BOTTOM CHORD
 CHORD SLOPE = 3.000/12.
 CUT = 0.25 INCHES

JOINTS MARKED *** HAVE NO SYMMETRICAL MATCH
 ** SPLICES BASED ON 16 FOOT MAXIMUM LENGTH LUMBER **
 C 2 IS 5 1/8 X 6 D
 C 8 IS 5 X 7 1/2H

TRUSS IS SYMMETRICAL ABOUT THE CENTERLINE ***

MEM.	LENGTH	CHORD	FORCE	WEB	FORCE	JOINT	LOAD
1 = 6FT	2-11/16IN	C 1 =	-10481	W 1 =	-1995	J 1 =	657
2 = 9FT	10-11/16IN	C 2 =	-8539	W 2 =	-942	J 2 =	1128
3 = 5FT	10-11/16IN	C 3 =	-8539	W 3 =	2472	J 3 =	942
8 = 11FT	3- 5/16IN	C 8 =	6400			J 4 =	942
9 = 14FT	1- 5/16IN	C 9 =	10168			J 9 =	0

REACT D = 20 GA. (223. PSI USING NET PLATE CONTACT AREA)
 H = 16 GA. (185. PSI USING NET PLATE CONTACT AREA)
 WEBS ARE TO BE 2X 4 NO 3 KD SOUTHERN PINE
 *** EXCEPTIONS ***
 W 1 AND W 6 ARE 2X 4 NO 2 KD NG SOUTHERN PINE

TOP CHORD IS 2X 8 NO 2 KD NG SOUTHERN PINE
 BOT CHORD IS 2X 8 NO 2 KD NG SOUTHERN PINE

F=1350 T= 925 C=1250
 STRESS FACTOR= 1.133
 F=1350 T= 925 C=1250
 STRESS FACTOR= 1.011

THE MAXIMUM OVERHANG FOR A SINGLE PLY TOP CHORD IS 4FT 7 1/4IN

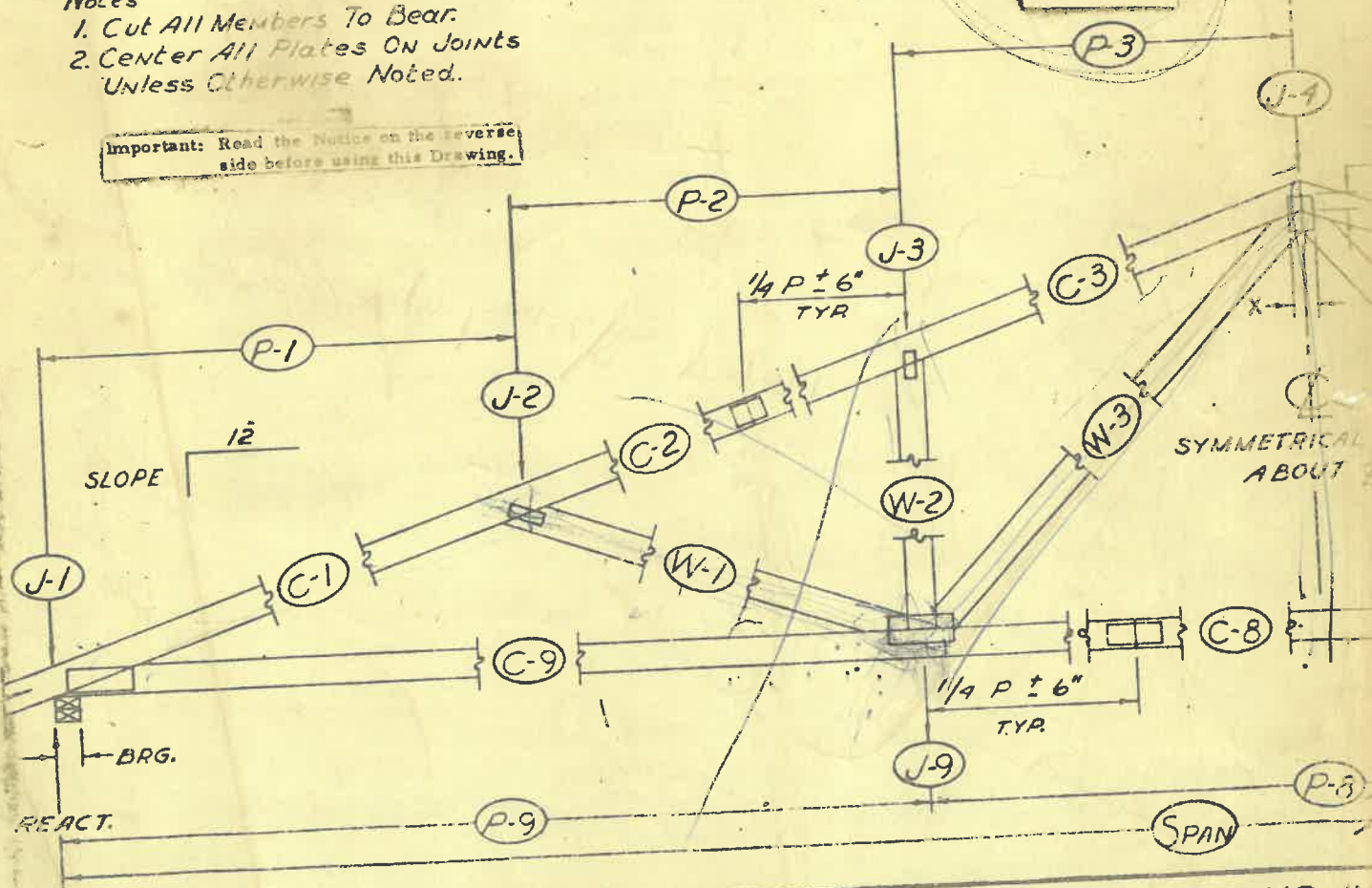
2X 6 MINIMUM BEARING REQUIRED AT J 1 AND J 7



THIS IS TO CERTIFY THAT THE UNDER-SIGNED HAS EXAMINED THE CALCULATIONS, DESIGN AND DRAWINGS OF THE ABOVE PROJECT AND IS CONFIDENTIAL TO THE DESIGN ENGINEER.

- Notes
1. Cut All Members To Bear.
 2. Center All Plates On Joints Unless Otherwise Noted.

Important: Read the Notice on the reverse side before using this Drawing.



DESIGN CRITERIA

DESIGNED IN ACCORDANCE WITH THE 1971 EDITION OF NATIONAL DESIGN SPECIFICATION FOR STRESS GRADE LUMBER AND ITS CONNECTIONS (RECOMMENDED BY NATIONAL FOREST PRODUCTS ASSOCIATION) AND THE 4TH EDITION OF DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD ROOF TRUSSES (TPI-74). PLATES SHALL BE PLACED ON BOTH SIDES OF TRUSS JOINTS, LOCATED AS SHOWN ON THE DRAWING AND PRESSION SECURELY. HYDRO AIR CONNECTOR PLATES SHALL BE OF GALVANIZED STEEL AS MANUFACTURED BY HYDRO AIR.

HYDRO-AIR ENGINEERING, INC.

215 SOUTH VANDEVENTER AVE. • ST. LOUIS, MISSOURI 63110



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