

**PERMIT**

**CITY OF NAPOLEON - BUILDING DEPARTMENT**

255 West Riverview Avenue, Napoleon, Ohio 43545 - 419-592-4010

Permit No. 01765 Issued 6-14-89 date

Job Location 1002 W. Washington address

Lot 4 Leifer Addition sub-div or legal discript

Issued By Eldon Hubbr building official

Owner Tim Zuch 599-8805 tel.

Address 1002 W. Washington

Agent Dennis E. Damman 592-3957 tel.

Address R-475 Rd 13A Napoleon

Description of Use Basement Storage, Family Room & Dinette on 1st Floor

Residential 1 no. dwelling units

Commercial \_\_\_\_\_ Industrial \_\_\_\_\_

New    Add'n. X Alter X Remodel \_\_\_\_\_

Mixed Occupancy \_\_\_\_\_

Change of Occupancy \_\_\_\_\_

Estimated Cost \$ 22,000.00

FEES	BASE	PLUS	TOTAL
<input checked="" type="checkbox"/> BUILDING	9.00	72.00	81.00
<input checked="" type="checkbox"/> ELECTRICAL	15.00	9.00	24.00
<input checked="" type="checkbox"/> PLUMBING	9.00	3.00	12.00
<input checked="" type="checkbox"/> MECHANICAL	18.00	.00	18.00
<input type="checkbox"/> DEMOLITION			
<input type="checkbox"/> ZONING			
<input type="checkbox"/> SIGN			
<input type="checkbox"/> WATER TAP			
<input type="checkbox"/> SEW. INSP.			
<input type="checkbox"/> SEWER TAP			
<input type="checkbox"/> TEMP. WATER			
<input type="checkbox"/> TEMP. ELECT.			

ADDITIONAL PLAN REVIEW \_\_\_\_\_ Struct. \_\_\_\_\_ hrs \_\_\_\_\_  
 Elect. \_\_\_\_\_ hrs \_\_\_\_\_  
 TOTAL FEES..... 135.00  
 LESS MIN. FEES PAID \_\_\_\_\_ date \_\_\_\_\_  
 BALANCE DUE.....

**ZONING INFORMATION**

district	lot dimensions	area	front yd	side yds	rear yd
A	63' X 200.18'	12,611	Exist.	L-18' R-7'	81' +
max hgt	no pkg spaces	no idg spaces	max cover	petition or appeal req'd	date appr
35'	2-Min		35%		

**WORK INFORMATION:**

Size: Length \_\_\_\_\_ Width \_\_\_\_\_ Stories 1 Ground Floor Area 762 sq. ft.

Height 8' Walls Building Volume (for demo. permit) \_\_\_\_\_ cu. ft.

Electrical: Receptacles in Addition 3 new circuits

Plumbing: Change Kitchen Sink brief description

Mechanical: Add 2 Heat Runs brief description

Sign: \_\_\_\_\_ Dimensions \_\_\_\_\_ Sign Area \_\_\_\_\_

Additional Information: Basement, with Family Room & Dinette & Entrance on Ground Floor

Date June 22, 1989 Applicant Signature Brenda Zuch owner-agent

**PAID**

JUN 22 1989

RESIDENTIAL PLAN CORRECTION SHEET

CITY OF NAPOLEON  
155 West RiverView Avc.  
Napoleon, Ohio 43545  
119/592-4010

ADDENDUM TO PERMIT NO. 01765

Owner ILMA ZUCH  
Contractor DEORIS DAKHLAN  
Location 1002 W. WASHINGTON

Note the items checked below and incorporate them into your plans as indicated:  PERMIT NOT ISSUED, CORRECT PLANS AND RE-SUBMIT.  PERMIT ISSUED, INCORPORATE ITEMS DURING CONSTRUCTION.

GENERAL		
<input checked="" type="checkbox"/>	Provide approved smoke detector(s) as req'd.	Show size of members supporting porch roof.
<input checked="" type="checkbox"/>	Provide 1/2" gypsum wallboard between dwelling and garage, on garage side.	Provide double top plate for all bearing partitions and exterior walls.
<input checked="" type="checkbox"/>	Provide min. 1 3/8" solid wood door from garage to dwelling. (or equal)	Provide design data for prefab wood truss.
	Submit fully dimensioned plot plan.	Ceiling joists undersized in
	Provide min. of 1-3'0" x 6'8" exit door.	Roof rafters undersized in
<input checked="" type="checkbox"/>	Provide min. 22" x 30" attic access opening.	PLUMBING AND MECHANICAL
	Provide min. 18" x 24" crawl space access opening.	Terminate all exhaust systems to outside air
	Provide approved sheathing or flashing behind masonry veneer.	Insulate ducts in unheated areas.
	Provide min. 15# underlayment on roof.	Provide backflow prevention device on all hose bibs.
	Provide adequate fireplace hearth.	Terminate Pressure and temperature relief valve drain in an approved manner.
	Install factory built fireplaces/stoves according to manufacturers instructions.	Provide dishwasher drain with approved air gap device.
	Terminate chimney 2' above roof or 2' above highest point of building within 10' of chimney.	MEPAL VENEERS
	LIGHT AND VENTILATION	Contact City Utilities Dept. to remove conductors and/or meter.
	Provide mechanical exhaust or window in bathroom	Provide approved system of grounding and bonding.
<input checked="" type="checkbox"/>	Provide min. <u>366</u> Sq. In. net free area attic ventilation. <u>12 @ RIDGE</u>	ELECTRICAL
	Provide min. <u>        </u> Sq. In. net free area crawl space ventilation.	Show location of service entrance panel and service equipment panel.
	FOUNDATION	G. F. C. I. req'd. on temporary electric.
	Min. depth of foundation below finished grade is 32".	Outdoor, bathroom and garage receptacles shall be protected by G. F. C. I. & KITCHEN
	Min. size of footer <u>        </u> " x <u>        </u> "	Maximum number of receptacles permitted on a G. F. C. I. circuit shall be 10 for 20 A. circuits and 7 for 15A. circuits.
	Provide anchor bolts 1/2" @ 6' o.c. 1' from each corner. Embedded 7" in concrete and 15" in masonry.	Refrigerators, microwaves, washers, disposal, furnace and air conditioners shall be on separate circuits.
	Show size of basement columns.	INSPECTIONS
	FRAMING	The following indicated inspections are required. The owner or his agent shall contact the City Building Dept. at least 24 hrs prior to the time the inspection is to be made.
	Show size of wood girder in <u>        </u> .	<input checked="" type="checkbox"/> Footers and Setbacks. Building sewer.
	Provide design data for structural member in <u>        </u> .	<input checked="" type="checkbox"/> Foundation. HVAC rough-in.
	Floor joists undersized in <u>        </u> .	<input checked="" type="checkbox"/> Plumbing rough-in. Final Building other,
	Provide double joists under parallel bearing partitions.	<input checked="" type="checkbox"/> Plumbing final.
<input checked="" type="checkbox"/>	Provide 1" x 4" let in corner bracing, approved sheathing, or equal.	Electrical service. <u>BUILDING</u>
	Show size of headers for openings over 4' wide <u>        </u> .	Electrical rough-in. <u>FRAMING</u>
		Electrical final

Additional Corrections. STAIRWAY MAX PL 8 1/4" MIN 7R 9" MIN HEADROOM  
6 1/8" MAX OP'G IN RAILING 6" MIN 3 2X12 STRINGERS

The approval of plans and specifications does not permit the violation of any section of the Building Code or other City Ordinance. This addendum is attached to Permit No. 01765 and made a part thereof. DATE APPROVED OR DISAPPROVED 6-14-89 Checked by F. LOON HUBER Plan Examiner.

DATE RECHECKED AND APPROVED

Checked by

ELECTRICAL: Electrical Contractor DENNIS E. DAMMAN

Pn. 598-3957

Address \_\_\_\_\_ Estimated Cost \$ \_\_\_\_\_

Type of work: New \_\_\_\_\_ Service change \_\_\_\_\_ Rewiring \_\_\_\_\_ Additional Wiring \_\_\_\_\_

Temp. Elec. Req. \_\_\_\_\_

Size of service 200 AMP Underground \_\_\_\_\_ Overhead X

No. of new circuits 3

yes no

Description of work: RECEPTACLES IN ADD.

PLUMBING: Plumbing Contractor EARL ELLING

Pn. 598-8991

Address \_\_\_\_\_ Estimated Cost \$ \_\_\_\_\_

Water Tap Req. \_\_\_\_\_ yes \_\_\_\_\_ no \_\_\_\_\_ Size \_\_\_\_\_ Type of Pipe \_\_\_\_\_ Water Dist. Pipe \_\_\_\_\_ type

San. Sewer Tap Req. \_\_\_\_\_ yes \_\_\_\_\_ no \_\_\_\_\_ Size \_\_\_\_\_ Type of Pipe \_\_\_\_\_ Dr. Waste Vt. Pipe \_\_\_\_\_ type

St. Sewer Tap Req. \_\_\_\_\_ yes \_\_\_\_\_ no \_\_\_\_\_ Size \_\_\_\_\_ Type of Pipe \_\_\_\_\_ Street to be Opened \_\_\_\_\_ type

Main Building Drain Size \_\_\_\_\_ yes \_\_\_\_\_ no \_\_\_\_\_ Main Vent Pipe Size \_\_\_\_\_ List Number of Plumbing Fixtures Below \_\_\_\_\_ yes no

Water Closets \_\_\_\_\_ Bathtubs \_\_\_\_\_ Showers \_\_\_\_\_ Lavatories \_\_\_\_\_ Kitchen Sinks X Disposal \_\_\_\_\_ Dishwasher \_\_\_\_\_ Clothes Washer \_\_\_\_\_

Floor Drains \_\_\_\_\_ Other Fixtures: Type \_\_\_\_\_ No. \_\_\_\_\_

Description of Work: CHANGE KITCHEN SINK

MECHANICAL: Mechanical Contractor EARL ELLING

Pn. 598-8991

Address \_\_\_\_\_ Estimated Cost \_\_\_\_\_

Heating System: Forced Air X Gravity \_\_\_\_\_ Hot Water \_\_\_\_\_ Steam \_\_\_\_\_ Unit Heaters \_\_\_\_\_ Radiant \_\_\_\_\_ Baseboard \_\_\_\_\_

Type of Fuel: Electric \_\_\_\_\_ Natural Gas X Propane \_\_\_\_\_ Wood \_\_\_\_\_ Coal \_\_\_\_\_ Solar \_\_\_\_\_ Geothermal \_\_\_\_\_ Other \_\_\_\_\_

No. of Heat.Zones \_\_\_\_\_ Hot Water:(One Pipe \_\_\_\_\_ Two Pipe \_\_\_\_\_ Series Loop \_\_\_\_\_) Electric Heat:(No of Circuits \_\_\_\_\_) No. of Furnaces \_\_\_\_\_

No. of Hot Air Runs \_\_\_\_\_ No. of Hot Water Radiators \_\_\_\_\_ Total Heat Loss \_\_\_\_\_ Rated Capacity of Furnace/Boiler \_\_\_\_\_

Location of Heating Units: Crawl Space \_\_\_\_\_ Floor Level \_\_\_\_\_ Attic \_\_\_\_\_ Suspended \_\_\_\_\_ Roof \_\_\_\_\_ Outside \_\_\_\_\_ Other \_\_\_\_\_

Description of Work ADD 2 HEAT RUNS

**DRAWINGS REQUIRED:** All Applications must be Accompanied by Two Complete sets of Drawings Including SITE PLAN, FOUNDATION PLAN, FLOOR PLANS, STRUCTURAL FRAMING PLANS, EXTERIOR ELEVATIONS, SECTIONS and DETAILS, STAIR DETAILS, ELECTRICAL LAYOUT, PLUMBING ISOMETRIC, HEATING LAYOUT ETC. All plans shall be DRAWN TO SCALE. Show all existing structures on the site plan also, show Electric Panel and Furnace Locations.

**READ AND SIGN BELOW:** The undersigned hereby makes application for a permit for all work described herein, and agrees to complete the work in strict accordance with all applicable provisions of the current edition of the C.A.B.O. Building Code, the Napoleon Building and Zoning Codes, the Napoleon Engineering Dept. Rules and Regulations, Standard Specifications and other Pertinent Sections of the Napoleon Code of Ordinances.

Date \_\_\_\_\_ Signature of Applicant Dennis E. Damman

Application not valid without signature

FIELD CORRECTION NOTICE

LOCATION 1002 W. WASHINGTON PERMIT NO. 01765

ISSUED TO DELOIS DANIELA  
PERMIT HOLDER AND/OR ALL RESPONSIBLE PARTIES.

NOTICE DELIVERED TO DELOIS DANIELA 8147T ROAD-A

Upon inspection, violations of the C.A.B.O. Sec. \_\_\_\_\_ were in evidence.

The following orders are hereby issued for their correction:

TAPE 4 1-FOOT STACKING ON CORNER DEWAIL  
PROVIDE 2X4 WOOD NAIL ON THE END OF THE  
MESSAGE DEWAIL ATTACHED TO THE RAFTER  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PLEASE CALL FOR INSPECTION WHEN CORRECTIONS HAVE BEEN COMPLETED. ACCEPTANCE AND APPROVAL BY AN INSPECTOR OF THIS DEPARTMENT IS REQUIRED AND MUST BE CORRECTED

ON OR BEFORE 11:30 A.M. BY ELDON MOBER INSPECTOR

DATE 12-12-87

PINK - ORIGINAL COPY    WHITE - FIELD COPY    YELLOW - FILE COPY

FIELD CORRECTION NOTICE

LOCATION 1002 W. WASHINGTON PERMIT NO. 01765

ISSUED TO DENNIS DAMIAN

PERMIT HOLDER AND/OR ALL RESPONSIBLE PARTIES.

NOTICE DELIVERED TO DENNIS DAMIAN

Upon inspection, violations of the C.A.I.B.O. Sec. \_\_\_\_\_ were in evidence.

The following orders are hereby issued for their correction:

PROVIDE 1/2" DRYWALL FLOOR TO ROOF BTWN GARAGE AND  
HOOBIE. IF ATTACHED TO GARAGE CEIL. PROVIDE JOIST TO MAX  
2'-0" O.C.  
PROVIDE A AMORPHIC ON ONE SIDE OF THE STAIR  
HEIGHT 30" TO 34" ABOVE NOSING  
PROVIDE MAX R.I. 8'14" MIN TR. 9" STEPS (TEMPORARY STED  
AT THE PATIO)  
DOOR AND AT THE DOOR TO THE GARAGE.  
PROVIDE OK MIN 3'1x3' STOOP MAX 8 1/2" BELOW THRESHOLD  
AT REAR DOOR. NAIL FLOOR JOIST BRIDGING

PLEASE CALL FOR INSPECTION WHEN CORRECTIONS HAVE BEEN COMPLETED. ACCEPTANCE AND APPROVAL BY AN INSPECTOR OF THIS DEPARTMENT IS REQUIRED AND MUST BE CORRECTED

ON OR BEFORE IMMEDIATELY

DATE 11-7-89 BY E. EDON HUBER INSPECTOR

PINK - ORIGINAL COPY    WHITE - FIELD COPY    YELLOW - FILE COPY

FIELD CORRECTION NOTICE

LOCATION 1002 W WASHINGTON PERMIT NO. 01765

ISSUED TO DENNIS DAMIAN  
PERMIT HOLDER AND/OR ALL RESPONSIBLE PARTIES.

NOTICE DELIVERED TO DENNIS DAMIAN

Upon inspection, violations of the C.A.B.C. Sec. \_\_\_\_\_ were in evidence.

The following orders are hereby issued for their correction:

- Provide 1/2" DRYWALL FLOOR TO ROOF BTWN GARAGE AND
- HOOBIE. IF ATTACHED TO GARAGE CEIL. PROVIDE JOISTING MAX
- 2'-0" OC.
- PROVIDE A HANDRAIL ON ONE SIDE OF THE STAIR
- HEIGHT 30" TO 34" ABOVE NOSING.
- PROVIDE MAX EL. 8'-14" MIN TR. 9" STEPS (TEMPORARY STED
- AT THE PITING)
- DOOR AND AT THE DOOR TO THE GARAGE.
- PREVIOUS 3'x3' STOOP MAX 8 1/2" BELOW THRESHOLD
- AT REAR DOOR. NAIL FLOOR JOIST BRIDGING

PLEASE CALL FOR INSPECTION WHEN CORRECTIONS HAVE BEEN COMPLETED. ACCEPTANCE AND APPROVAL BY AN INSPECTOR OF THIS DEPARTMENT IS REQUIRED AND MUST BE CORRECTED

ON OR BEFORE IMMEDIATELY

DATE 11-7-89 BY E. EDON HUBER INSPECTOR

PINK - ORIGINAL COPY    WHITE - FIELD COPY    YELLOW - FILE COPY

CITY OF NAPOLEON  
255 W. Riverview  
NAPOLEON, OHIO 43545

message

reply

DAMMAN

475 RD BA

NAPOLEON, OHIO 43595

FOLD

subject 1002 W. WASHINGTON

THE FOLLOWING ADDITIONAL INFORMATION WILL NEED  
TO BE FURNISHED FOR THE PLAN REVIEW,

A BASEMENT PLAN

SIZE OF HEADERS IN BEARING WALLS,

2000

date 6-15-89 signed ELOON HUDER

date signed

SENDER: Mail white and pink copies with carbon intact.

RECEIVER: Reply, retain white copy, return pink copy.

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CORPORATE OFFICES: 2964 CINDEN, S.W., Grand Rapids, Michigan 49509 (616)  
BRANCH WAREHOUSES LOCATED AT: • GRAND RAPIDS, MICHIGAN •

Post-it™ brand fax transmittal memo 7671 # of pages 1	
To	From
NATIONAL NAIL	NATIONAL NAIL
Co.	Co.
Dept.	Phone #
Fax #	Fax #

LATERAL LOAD RESISTANCE  
FORMULA FOR ROUND WIRE NAILS

ATTN: BRENT

The lateral resistance of nails is a function of the type of wood and the diameter of the nail in the case of round wire nails. The equation used is  $P = KD^{3/2}$  where P is the shear value in pounds as an allowable lateral load per nail, K is a constant depending on the wood used, and D is the diameter of the nail in inches.

Values of K vary with the type of wood. Such woods as cedar, fir (balsam and commercial white), eastern hemlock, pine, poplar and spruce have a K value of 1,080; Alaska cedar, eastern red cedar, Douglas fir (Rocky mountain), western hemlock, Norway pine or redwood have a value of 1,350; Ash, birch, elm, maple have a value of 1,500; Douglas fir (Coast region), yellow pine, a value of 1,650; ash, beech, birch, rock elm, hickory, maple and oak, a value of 2,040.

The values of D to the 3/2 power for the four gauges mentioned are as follows:

6 gauge (.192)	.0841
7 gauge (.177)	.0744
8 gauge (.162)	.0652
(16d) 9 gauge (.1483)	.057

The values of allowable lateral load, therefore, for the various values of K are as shown in the following table:

Gauge	K = 1,080	1,350	1,500	1,650	2,040
6	91	114	126	139	172
7	78	98	109	119	148
8	70	78	98	107	133
9	62	77	86	94	118

It will be seen that all these values can be related to the diameter of the nail so that if 9 ga. has a value of 1.0, 8 ga. would have a value of 1.14, 7 ga. would have a value of 1.27, and 6 ga. would have a value of 1.48. A single 6 ga. nail, therefore, would have a shear value 48% greater than a 9 ga. nail.

There are a number of features which must be observed in consideration of shear values. The value of the allowable lateral load is only true where the depth of penetration into the block receiving the point is not less than 2/3 the length of the nail for soft woods and half the length of the nail for hardwoods. Safe loads for unseasoned woods are 3/4 of the value for seasoned woods. For nails driven into end grain, safe loads are 2/3 of the load of the nail driven into side grain. Where nails are used to fasten metal plates onto wood, the value of P may be increased 25%.

For Ardcx nails, the value may be obtained by multiplying the values in the table by 1.25.