

PERMIT

CITY OF NAPOLEON - BUILDING DEPARTMENT

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

Permit No. 01457 Issued 9-25-87
date

Job Location 950 Harmony
address

Lot 33 Brickyard Subdivision
sub-div or legal discript

Issued By Eldon Huber
building official

Owner Mr. Donald F. Westhoven, Sr.
name tel.

Address 125 W. Washington

Agent Beck's Construction 592-8307
builder-eng.-etc. tel.

Address 11622 Rd. M - Napoleon, Ohio

Description of Use Residence

Residential 1
no. dwelling units

Commercial _____ Industrial _____

New _____ Add'n. _____ Alter _____ Remodel _____

Mixed Occupancy _____

Change of Occupancy _____

Estimated Cost \$ 42,000.00

	FEE	BASE	PLUS	TOTAL
<input checked="" type="checkbox"/> BUILDING		6.00	90.50	96.50
Underground		225.00		225.00
<input checked="" type="checkbox"/> ELECTRICAL		10.00	44.00	54.00
<input checked="" type="checkbox"/> PLUMBING		6.00	24.00	30.00
<input checked="" type="checkbox"/> MECHANICAL		12.00		12.00
<input type="checkbox"/> DEMOLITION				
<input checked="" type="checkbox"/> ZONING		5.00		5.00
<input type="checkbox"/> SIGN				
<input checked="" type="checkbox"/> WATER TAP		300.00		300.00
<input checked="" type="checkbox"/> SEWER TAP		60.00		60.00
<input checked="" type="checkbox"/> TEMP. ELECT.		10.00		10.00
ADDITIONAL PLAN REVIEW	Struct. _____ hrs			
	Elect. _____ hrs			
TOTAL FEES.....				792.50
LESS MIN. FEES PAID _____				
				<small>date</small>
BALANCE DUE.....				

ZONING INFORMATION

district A	lot dimensions 72' x 128.01'	area 9,216. S.F.	front yd 30'	side yds L-25' R-7'	rear yd 43'
max hgt 35'	no pkg spaces 2 - min.	no ldg spaces	max cover 35%	petition or appeal req'd	date appr

WORK INFORMATION:

Size: Length 21'8" x 22' Width 55' Stories 1 Garage 477 S.F.
 Ground Floor Area 1,289 S.F.

Height 16'+- Building Volume (for demo. permit) _____ cu. ft.

Electrical: 200 amp service & 22 circuits
brief description

Plumbing: 2½ bath, kitchen & laundry
brief description

Mechanical: 75,000 B.T.U. gas furnace & 9 hot air runs.
brief description

Sign: N.A. Dimensions _____ Sign Area _____
type

Additional Information: _____

Date 10/6/87 Applicant Signature [Signature] owner-agent

PAID
 OCT 14 1987
 CITY OF NAPOLEON

INSPECTION RECORD

	UNDERGROUND			ROUGH-IN						FINAL		
	Type	Date	By	Type	Date	By	Type	Date	By	Type	Date	By
PLUMBING	Building Drains			Drainage, Waste & Vent Piping	3/23	EH	Indirect Waste			Drainage, Waste & Vent Piping	4/28	
	Water Piping									Backflow Prevention	4/28	
	Building Sewer	9/25	EH	Water Piping	3/23	EH	Condensate Lines			Water Heater	4/28	
	Sewer Connection									FINAL APPROVAL	4/28	EH
MECHANICAL	Refrigerant Piping			Refrigerant Piping			Chimney(s)			Grease Exhaust System	4/28	EH
				Duct Furnace(s)	4/28	EH	Fire Dampers			Air Cond. Unit(s)		
	Ducts/ Plenums		EH	Ducts/ Plenums	4/28	EH	<input type="checkbox"/> Radiant Htr(s) <input type="checkbox"/> Unit Htr(s)			Refrigeration Equipment		
				Duct Insulation			Pool Heater			Furnace(s)		
				Combustion Products Vents			Ventilation <input type="checkbox"/> Supply <input type="checkbox"/> Exhst.			FINAL APPROVAL	4/28	EH
ELECTRICAL	Conduits & or Cable			Conduits/ Cable			<input type="checkbox"/> Range <input type="checkbox"/> Dryer			Temp Service Temp Lighting		
	Grounding & or Bonding			Rough Wiring			<input type="checkbox"/> Generator(s) <input type="checkbox"/> Motors			Fixtures Lampholders		
	Floor Ducts Raceways			Service Panel Switchboard			<input type="checkbox"/> Water Htr <input type="checkbox"/> Welder			Signs		
	Service Conduit			Busways Ducts			<input type="checkbox"/> Heaters <input type="checkbox"/> Heat Cable			Electric Mtr. Clearance		
	Temporary Power Pole			Subpanels			<input type="checkbox"/> Duct Htr(s) <input type="checkbox"/> Furnace(s)			FINAL APPROVAL		
BUILDING	Location, Set-backs, Esmt(s)			Exterior Wall Construction	3/31	EH	Roof Covering Roof Drainage		EH	Smoke Detector		EH
	Excavation	9/24	EH				Exterior Lath			Demolition (sewer cap)		
	Footings & Reinforcing		EH				<input type="checkbox"/> Interior Lath <input type="checkbox"/> Wallboard					
	Floor Slab		EH	Interior Wall Construction		EH	Fire Wall(s)		EH	Building or Structure	4/28	EH
	Foundation Walls		EH	Columns & Supports			Fireplace Chimney					
	Sub-soil Drain		EH	Crawl Space <input type="checkbox"/> Vent <input type="checkbox"/> Access	4/28		Attic <input type="checkbox"/> Vent <input type="checkbox"/> Access		EH			
	Piles			Floor System(s)		EH				FINAL APPROVAL BLDG. DEPT.	5/12	EH
				Roof System		EH	Special Insp Reports Rec'd			Certificate of Occupancy Issued	6/3	EH
ADDITIONAL	INSPECTIONS, CORRECTIONS, ETC.						INSPECTIONS, CORRECTIONS, ETC.					
	2x6 RAFTERS WHERE 2x8'S ARE CALLED FOR COLAR TIES @ 16" O.C. @ 28' SPAN OVER PORCH						INSTALL SLEEDS AROUND FURN VENTS					
	OF HOUSE + 2 KNEE WALLS OVER REAR PORCH											
	NO COMMENTS											

FIELD CORRECTION NOTICE

LOCATION 950 HARMONY

PERMIT NO. 01457

ISSUED TO BECK'S CONSTRUCTION
PERMIT HOLDER AND/OR ALL RESPONSIBLE PARTIES.

NOTICE DELIVERED TO BECK'S CONSTRUCTION 11622 RDM NAP
Sec. _____ were in evidence.

Upon inspection, violations of the _____

The following orders are hereby issued for their correction: _____

PROVIDE A METAL SLEEVE AROUND THE FURNACE
VENT TO MAINTAIN 1/2" CLEARANCE BETWEEN THE
INSULATION AND THE VENT.

OK 5-12-88

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 FINAL INSPECTION

DATE 4-28-88

BY ELOON HUTER
INSPECTOR

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

FIELD CORRECTION NOTICE

LOCATION 950 HARMONY

PERMIT NO. 01457

ISSUED TO BECK'S CONSTRUCTION
PERMIT HOLDER AND/OR ALL RESPONSIBLE PARTIES.

NOTICE DELIVERED TO BECK'S CONSTRUCTION 11622 RD A WAP

Upon inspection, violations of the _____ Sec. _____ were in evidence.

The following orders are hereby issued for their correction:

PROVIDE A METAL BLEEDER AROUND THE FURNACE
VENT TO MAINTAIN 4" CLEARANCE BETWEEN THE
INSULATION AND THE VENT.

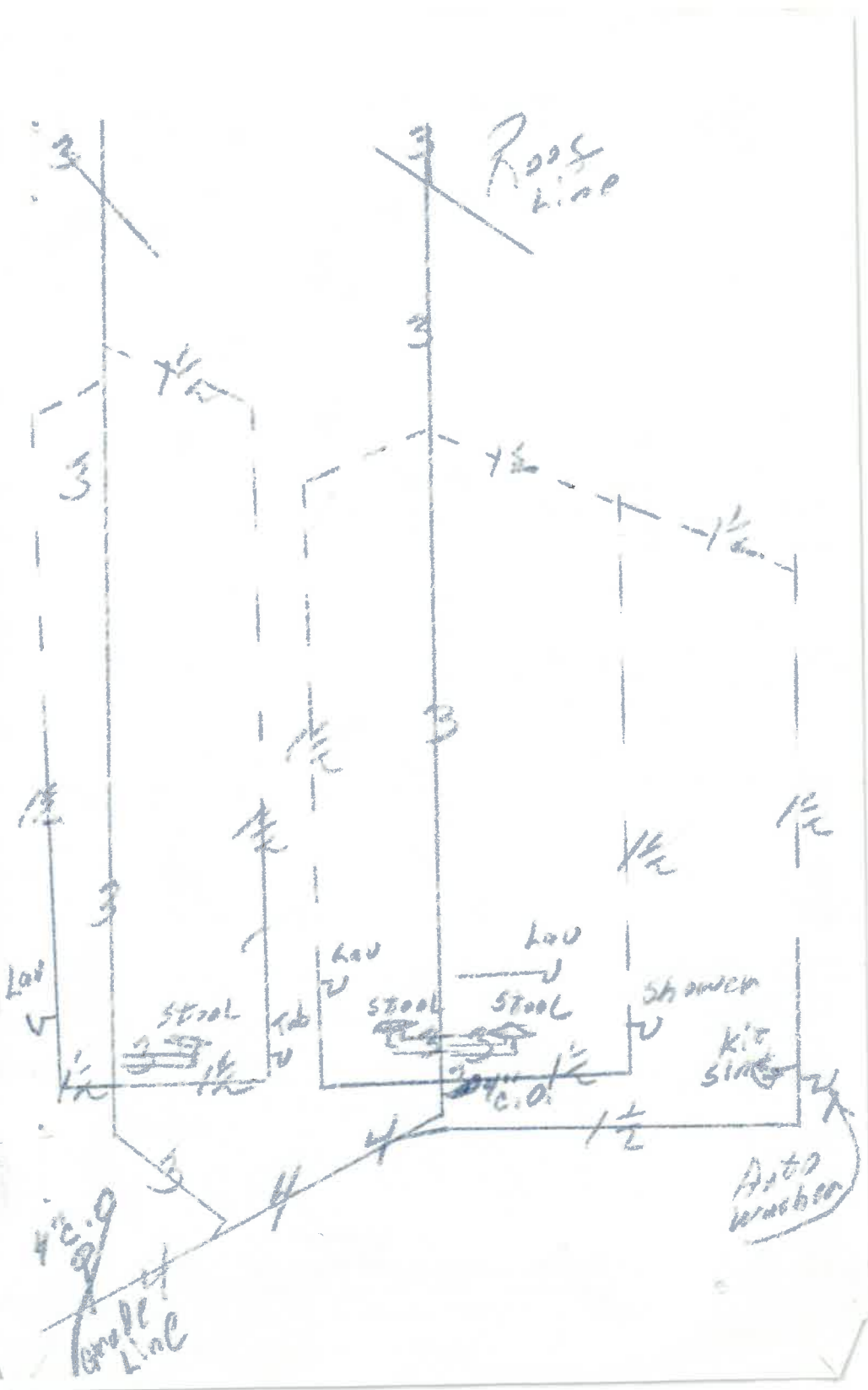
OK 5-12-88

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 FINAL INSPECTION

DATE 4-25-88

BY ELOON POTER
INSPECTOR

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





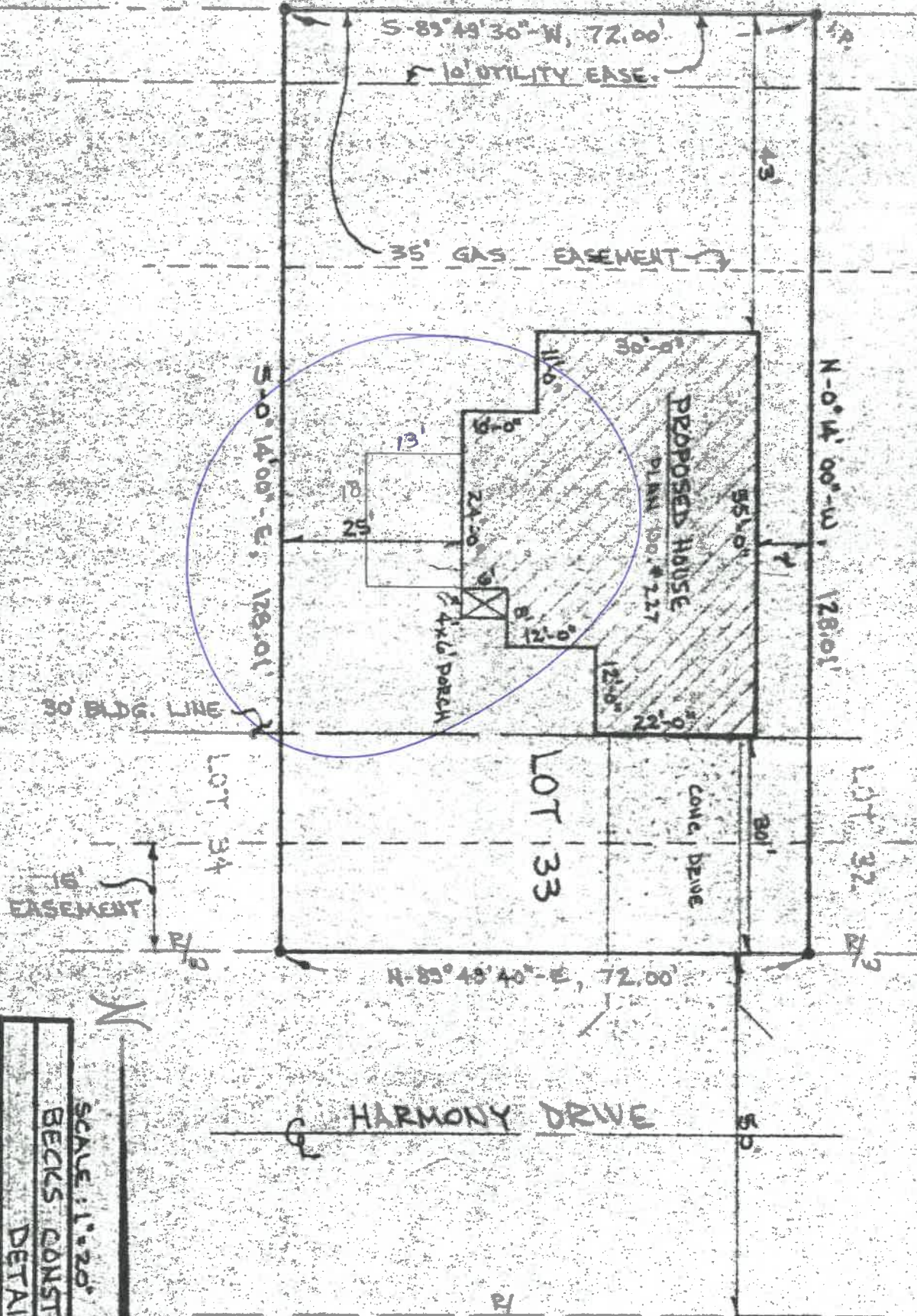
WESTBURNE SUPPLY INC.

390 South Erie Street
Toledo, Ohio 43602
(419) 244-8654
(800) 472-3404 (Ohio)
(419) 244-0863 (FAX)

AMERICAN
STANDARD 

**PLUMBING • HEATING EQUIPMENT • AIR
CONDITIONING • PIPE • VALVES • FITTINGS
INDUSTRIAL SUPPLIES**

SITE PLAN FOR
BECKS CONSTRUCTION CO.
 LOT NO. 33, PHASE 1 BECKMAN SUB-
 DIVISION CITY OF WAPLETON, WELLS CO., OHIO.



Al Lambert
 950 Harmony Dr.

SCALE: 1" = 20'	
BECKS CONSTRUCTION CO.	
DETAILS & SITE	
DWN. RDS	SHE
SEPT. 1987	4 OF
PLAN NO. 227	

No.4.6.2.....

CERTIFICATE OF OCCUPANCY
THE CITY OF NAPOLEON

ENGINEERING DEPARTMENT
DIVISION OF INSPECTION

This is to certify that the Building or Land as herein described complies with all the building and health laws and ordinances and with the provisions of the Zoning Ordinance.

Location of Occupancy 950 Harmony Occupancy 1 - Fam. Residence

Owner of Property Donald Westhoven Address 175 Glenbrook Ct.

Issued to Beck's Construction Address 11-622 Rd. M - Nap., OH

Zoning A - Residential Bldg. Permit No. 01457

Substantial qualifications of occupancy None

This certificate is issued by the City Building Inspector, as provided by law, and is to certify that construction is completed substantially in conformity with the approved plans and permission is hereby granted to occupy such building in compliance with such legal use and occupancy as authorized under the provisions of the ordinances of the City of Napoleon.

Issued this 3 day of June 19 88

This is a valuable record for owner or lessee and should be so preserved.

Signed *Eldon Huber*
Eldon Huber
City Building Inspector

TAPPING PERMIT

Office of
Water Works
Napoleon, Ohio

No. W-501-81

Date 9-25-87

Received of BECK'S CONSTRUCTION

THREE HUNDRED Dollars , 00

Charge for tapping permit to supply water services to Lot No. 33

Addition BRICKYARD SUB DIV.

Street No. 950 HARMONY

Tap Size 1 Inch Cost 300.00

Plumber MEYERS PL & HT'G

Clerk-Treasurer

Date completed _____

Water Distribution Department

CITY OF NAPOLEON

ZONING PERMIT

Don Westhoven

Zoning Permit No. 87-018

Issued 9-25-87

By Richard A. Hayward
Zoning Inspector

950 Harmony

Filing Fee _____
Amount _____ Date Paid _____

Subdivision Brickyard

(or Legal Description)

72' X 128.01

Yard Set Back: Front 30'

Sq. Ft.

Side 7' Rear 15'

Description of Use Residential

Off Street Parking Spaces Required 2

Loading Spaces Required N/A

Board of Zoning Appeals

Applicant Signature



Owner-Agent

Pink - Engineering

Yellow - Board of Zoning Appeals

RESIDENTIAL PLAN CORRECTION SHEET

CITY OF NAPOLEON
 155 West Riverview Ave.
 Napoleon, Ohio 43545
 119/592-4010

ADDENDUM TO Permit No. 01477-01
 Owner DOH WEITHAKEN
 Contractor BECK'S CONSTRUCTION
 Location 950 HARMONY

Please 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 type="checkbox"/>	Provide approved smoke detector(s) as req'd.	<input type="checkbox"/>	Show size of members supporting porch roof.
<input checked="" type="checkbox"/>	Provide 1/2" gypsum wallboard between dwelling and garage, on garage side.	<input type="checkbox"/>	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)	<input type="checkbox"/>	Provide design data for prefab wood truss.
<input type="checkbox"/>	Submit fully dimensioned plot plan.	<input type="checkbox"/>	Ceiling joists undersized in _____
<input type="checkbox"/>	Provide min. of 1-3'0" x 6'8" exit door.	<input checked="" type="checkbox"/>	Roof rafters undersized in <u>SEE FLOOR PLAN</u>
<input checked="" type="checkbox"/>	Provide min. 22" x 30" attic access opening <u>(A)</u>	PLUMBING AND MECHANICAL	
<input type="checkbox"/>	Provide min. 18" x 24" crawl space access opening.	<input checked="" type="checkbox"/>	Terminate all exhaust systems to outside air.
<input type="checkbox"/>	Provide approved sheathing or flashing behind masonry veneer.	<input checked="" type="checkbox"/>	Insulate ducts in unheated areas.
<input type="checkbox"/>	Provide min. 15# underlayment on roof.	<input checked="" type="checkbox"/>	Provide backflow prevention device on all hose bibs.
<input type="checkbox"/>	Provide adequate fireplace hearth.	<input checked="" type="checkbox"/>	Terminate pressure and temperature relief valve drain in an approved manner.
<input type="checkbox"/>	Install factory built fireplaces/stoves according to manufacturers instructions.	<input type="checkbox"/>	Provide dishwasher drain with approved air gap device.
<input type="checkbox"/>	Terminate chimney 2' above roof or 2' above highest point of building within 10' of chimney.	METAL VENEERS	
LIGHT AND VENTILATION		<input type="checkbox"/>	Contact City Utilities Dept. to remove conductors and/or meter.
<input checked="" type="checkbox"/>	Provide mechanical exhaust or window in bathroom	<input type="checkbox"/>	Provide approved system of grounding and bonding.
<input checked="" type="checkbox"/>	Provide min. <u>849</u> Sq. In. net free area attic ventilation. <u>1/2" RIDGE</u>	ELECTRICAL	
<input checked="" type="checkbox"/>	Provide min. <u>124</u> Sq. In. net free area crawl space ventilation. <u>3'-0" FROM EA CORNER</u>	<input checked="" type="checkbox"/>	Show location of service entrance panel and service equipment panel.
FOUNDATION		<input checked="" type="checkbox"/>	G. F. C. I. req'd. on temporary electric.
<input type="checkbox"/>	Min. depth of foundation below finished grade is 32".	<input checked="" type="checkbox"/>	Outdoor, bathroom and garage receptacles shall be protected by G. F. C. I.
<input type="checkbox"/>	Min. size of footer _____ " x _____ "	<input checked="" type="checkbox"/>	Maximum number of receptacles permitted on a G. F. C. I. circuit shall be 10 for 20 A. circuits and 7 for 15A. circuits.
<input type="checkbox"/>	Provide anchor bolts 1/2" @ 6' o.c. 1' from each corner. Embedded 7" in concrete and 15" in masonry.	<input checked="" type="checkbox"/>	Refrigerators, microwaves, washers, disposal, furnace and air conditioners shall be on separate circuits.
<input type="checkbox"/>	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.	
<input type="checkbox"/>	Show size of wood girder in _____	<input checked="" type="checkbox"/>	Footers and Setbacks.
<input type="checkbox"/>	Provide design data for structural member in _____	<input checked="" type="checkbox"/>	Foundation.
<input type="checkbox"/>	Floor joists undersized in _____	<input checked="" type="checkbox"/>	Plumbing rough-in.
<input checked="" type="checkbox"/>	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.	<input checked="" type="checkbox"/>	Electrical service.
<input type="checkbox"/>	Show size of headers for openings over 4' wide _____	<input checked="" type="checkbox"/>	Electrical rough-in.
		<input checked="" type="checkbox"/>	Electrical final
		<input checked="" type="checkbox"/>	Building sewer.
		<input checked="" type="checkbox"/>	HVAC rough-in.
		<input checked="" type="checkbox"/>	Final Building other,
		<input checked="" type="checkbox"/>	<u>FRAMING</u>

Additional Corrections. (A) IF ATTIC ACCESS OP'G. IS LOCATED IN THE GARAGE PROVIDE A 1-HR RATED OPENING PROTECTIVE PROVIDE 3'-0" x 3'-0" CANNINGS AT THE EXTERIOR GARAGE AND LIVING ROOM DOORS

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. 01437 and made a part thereof. DATE APPROVED OR DISAPPROVED 9-24-87 Checked by ELDON AUDEB
 Plan Examiner.
 DATE RECHECKED AND APPROVED _____ Checked by _____

ADDENDUM TO PERMIT NO. 01437-2

- ITEM #1 Use #1 S.P.F. or better 2 X 8 for the crawl space beams.
- ITEM #2 Rafters over the bedroom, study, & bedroom #2 PROVIDE MINIMUM 2 X 8'S @ 16" O.C.
- ITEM #3 Beam above the kitchen provide an Engineers design span 11' 8 1/2" loads supported.
Roof 20# P.S.F. L.L. 10# P.S.F. O.L.
Ceiling 20# P.S.F. L.L. 10# P.S.F. O.L.
Total = 60# P.S.F.

NOTE : IF THIS BEAM SPAN IS REDUCED TO 9'-3" 2- #1 HEM FIR OR BETTER 2X12S WITH 1/2" PLYWOOD BETWEEN WOULD BE APPROVED

11

PERMIT

CITY OF NAPOLEON - BUILDING DEPARTMENT

01457 255 West Riverview Avenue, Napoleon, Ohio 43545 - 419-592-4010

Permit No. [REDACTED] Issued 9-23-87
date

Job Location 950 HARMONY
address

Lot 33 BRICKYARD SUB DIV.
sub-div or legal discript

Issued By EH
building official

Owner DON WESTHOVEN
name tel.

Address 125 W. WASHINGTON

Agent BECK'S CONSTRUCTION
builder-eng.-etc. tel.

Address 11622 RD M NAP OH

Description of Use RESIDENC

Residential 1
no. dwelling units

Commercial _____ Industrial _____

New Add'n. _____ Alter _____ Remodel _____

Mixed Occupancy _____

Change of Occupancy _____

Estimated Cost \$ 42,000.00

FEES	BASE	PLUS	TOTAL
<input checked="" type="checkbox"/> BUILDING	6.00	90.50	96.50
<input checked="" type="checkbox"/> UNDERGROUND ELECTRICAL	225.00	100	225.00
<input checked="" type="checkbox"/> PLUMBING	6.00	24.00	30.00
<input checked="" type="checkbox"/> MECHANICAL	12.00	1.00	12.00
<input type="checkbox"/> DEMOLITION			
<input checked="" type="checkbox"/> ZONING	5.00	1.00	5.00
<input type="checkbox"/> SIGN			
X WATER TAP	300.00	.00	300.00
X SEWER TAP	60.00	.00	60.00
X TEMP. ELECT.	10.00	.00	10.00
ADDITIONAL PLAN REVIEW	Struct. _____ hrs	Elect. _____ hrs	
TOTAL FEES.....			792.00
LESS MIN. FEES PAID _____			
BALANCE DUE.....			

ZONING INFORMATION

district	lot dimensions	area	front yd	side yds	rear yd
A	72' x 128.01'	9216 S.F.	30'	L-25' R-7'	43'
max hgt	no pkg spaces	no ldg spaces	max cover	petition or appeal req'd	date appr
35'	2-MIN		35%		

WORK INFORMATION:

Size: Length 55' Width 40' Stories 1 GARAGE 477 S.F.
 Ground Floor Area 1289 S.F.
 Height 16' ± Building Volume (for demo. permit) _____ cu. ft.

Electrical: 200 AMP SERVICE + 22 CIRCUITS
brief description

Plumbing: 2 1/2 BATH, KITCHEN + LAUNDRY
brief description

Mechanical: 75,000 B.T.U. GAS FURNACE + 9 HOT AIR PUNS
brief description

Sign: N.A. Dimensions _____ Sign Area _____
type

Additional Information: _____

Date _____ Applicant Signature _____
owner-agent

CITY OF NAPOLEON
 BUILDING INSPECTION DEPARTMENT
 APPLICATION FOR BUILDING PERMIT
 (Please print or type)

The undersigned hereby makes application for construction, installation, or alteration work as herein specified, agreeing to do all such work in strict accordance with the City of Napoleon's adopted Building Codes.

Location of project Lot 33 950 HARMONY Cost of project 42,000
 Owner's Name Don Westhoven Address Map Realty
 Contractor Beck's Const Co Telephone No. 592,8307
 Address 11622 Rd M Map Ohio

Lot Information: (Not required for siding job)

Lot No. 33 Subdivision Brick Yard
 Zoning District _____ Lot Size on Plat ft. x ft. Area _____ sq. ft.
 Setbacks: Front _____ Right Side _____ Left Side _____ Rear _____

Work Information:

Residential Commercial _____ Industrial _____
 New Construction Addition _____ Remodel _____
 Accessory Building _____ Siding Vinyle
 (Specific Type)

Brief Description of Work: -----New Ranch

Size: Length 32 Width 40 No. of Stories 1
 Area: 1st Floor 1488 sq. ft. Basement _____ sq. ft.
 2nd Floor _____ sq. ft. Accessory Bldg. _____ sq. ft.
 3rd Floor _____ sq. ft. Other _____ sq. ft.

Additional Information: New Ranch

APPLICATION FOR PERMIT SHALL BE ACCOMPANIED BY TWO COMPLETE SETS OF PLANS INCLUDING: ELEVATIONS, FLOOR PLANS, CROSS SECTIONS AND PLOT PLAN. IF ADDITION OR REMODELING, SHOW ALL EXISTING STRUCTURES AND THEIR SIZE AND LOCATION. ALL PLANS SHALL BE DRAWN TO SCALE.

Date 9/22/87 Applicant's Signature Robert S Beck

PERMIT NO. _____ PERMIT FEE \$ _____

CITY OF NAPOLEON
BUILDING INSPECTION DEPARTMENT
APPLICATION FOR ELECTRICAL PERMIT
(Please print or type)

The undersigned hereby makes application for installation or replacement of electrical equipment as herein specified, agreeing to do all such work in strict accordance with the City of Napoleon's adopted Electrical Codes.

Owner's Name _____ Address _____

Electrical Contractor _____ Telephone No. _____

Address _____

General Contractor _____ Telephone No. _____

Address _____

Location of Project _____ Cost of Project _____

Work Information:

Residential _____ Commercial _____ Industrial _____

No. Units

New Service Change _____ Rewiring _____ Additional Wiring _____

Brief Description of Work: New Ranch

Size of proposed service entrance 200 Number of new circuits 22

Type of proposed service entrance Underground _____ Overhead _____

Require Temporary Electric yes (Yes or No)

Total Floor Area - Commercial and Industrial only 1488 sq. ft.

Additional Information: New Ranch

PERMIT NO.

PERMIT FEE \$

*Ground fault circuit interrupter protection is required on all 120-volt single phase, 15 and 20 amp. Circuits which are part of a temporary electric service; and also on bathroom, outdoor, and garage receptacles in all dwelling units. Art. 220-8 N.E.C.

Application for permit shall be accompanied by two complete sets of plans including: Electrical layout and riser diagram. (For commercial and industrial work only).

Date 9/29/87

Applicant's Signature

Robert L. Beet

CITY OF NAPOLEON
 BUILDING INSPECTION DEPARTMENT
 APPLICATION FOR PLUMBING PERMIT
 (Please print or type)

The undersigned hereby makes application for the installation or replacement of plumbing work as herein specified, agreeing to do all such work in strict accordance with the City of Napoleon's adopted Plumbing Codes. (1, 2 and 3 family dwelling units only).

Owner's Name _____ Address _____

Plumbing Contractor _____ Telephone No. _____

Address _____

General Contractor _____ Telephone No. _____

Address _____

Location of Project _____ Cost of Project _____

Work Information:

No. of dwelling units 1 New Replacement _____ Addition _____

Brief description of work: new Ranch

Is water tap required yes Size 1 Type of Pipe Plastic

Is sewer tap required yes Size 4 Type of Pipe Plastic

Type of Water Distribution pipe Plastic

Type of Drainage, Waste and Vent Pipe Plastic

Size of main building drain 4 Size of main vent pipe _____

Water closets 3 Bathtubs 1 Shower 1 2
 No. Trap Size No. Trap Size

Lavatories 3 1 1/2 Kitchen Sink 1 1 1/2 Disposal 1 1 1/2
 No. Trap Size No. Trap Size No. Trap Size

Dishwasher 1 1 1/2 Clothes Washer 1 2 Other _____
 No. Trap Size No. Trap Size No. Trap Size

PERMIT NO. _____
 PERMIT FEE \$ _____

All installations are subject to plumbing tests and/or inspections.

Date 9/22/87 Applicant's Signature Robert L. Bue

12-TRAPS

CITY OF NAPOLEON
BUILDING INSPECTION DEPARTMENT
APPLICATION FOR HEATING PERMIT
(PLEASE PRINT OR TYPE)

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

Owner's Name _____ Address _____

Contractor's Name _____ Address _____ Tel. _____

BUILDING INFORMATION:

Single Family _____ Double Family _____ Multiple _____ New Construction _____

Addition _____ Remodel _____ Replacement _____ No. of Stories _____

DESCRIPTION OF WORK

Heating System - Warm Air Hot Water _____ Steam _____ Electric _____

Unit Heaters _____ Unit Gas Heaters Other _____

Type - Gravity _____ Forced Radiant _____

No. of Thermostatical Heating Zone _____

Hot Water - One Pipe _____ Two Pipe _____ Series Loop _____

Electric Heat - No. of Circuits _____ Other _____

Total Heat Loss of Area to be Heated 65,000 Btu.

Rated Capacity of Furnace/Boiler 75,000 Btu.

No. of Furnaces 1 No. of Hot Air Runs 9

No. of Hot Water Radiators _____ Type of Fuel GAS

Heating Units Located: Crawl Space _____ Floor Level Suspended _____

Roof or Exposed to Outside Air Attic _____ Other _____

APPLICATION FOR PERMIT SHALL BE ACCOMPANIED BY TWO COMPLETE SETS OF PLANS INCLUDING: LOCATION OF FURNACE OR UNIT HEATERS AND SIZE AND LOCATION OF FEEDER DUCTS AND RETURN AIR DUCTS. ALL PLANS SHALL BE DRAWN TO SCALE.

ESTIMATED COST OF COMPLETED PROJECT: _____

DATE 9/22/87 APPLICANT'S SIGNATURE Robert L. Beck

OWNER-CONTRACTOR-AGENT

55' x	40'		2200
10' x	11'	✓	- 110
21'-8" x	22'	✓	- 477
12' x	12'	✓	- 144
6' x	20'		- 180
			<u>1289</u>

1289

ACTUAL	COST	1289 @ 30	38,670
		477 @ 12	<u>5724</u>
			44,394.00

3'-0" EXIT DOOR OK

BED ROOM EXIT WINDOW OK

FLOOR JOIST OK

RAFTERS E = 1.36 $f_d = 1242$

2x6 MAX SPAN = ~~11'-7"~~ ^{13'-3"} OK EXCEPT
 BROR #2 + BEDR STUDY USE 2x8s

CEIL. JOIST E = 1.36 $f_d = 1188$ OK

BEAM OVER KITCHEN

2-2x12

3x 11.25 SPAN 11'-8" ^{9'-4"}

AREA SUPPORTED 11'-8" x 12' x 60# P.S.F. ^{9'-4"}

12x60 = 720 # P.S.F.

$$M = \frac{wL^2}{8} = \frac{720 \times \overset{9'-4"}{11.67} \times \overset{9'-4"}{11.67} \times 12}{8} = \frac{147,084}{8} = 18,385.5$$

$$S = \frac{M}{f} = \frac{18,385.5}{6} = 3,064.25$$

ACTUAL SPAN = 9'-4" BEAM IS OK

MIN RAFTER SIZE OVER BEDROOM #2
AND BEDROOM - STUDY = 2x8^s @ 16" O.C.

BEAM OVER KITCHEN 2-2x12
SPANNING 11'-8" WILL NOT CARRY
THE ROOF AND CEILING LOAD

20 + 10 + 20 + 10 = 60 # P.S.F. x 12' WIDE

= 720 # x 11'-8" = 8402 LBS TOTAL E.D.L.

HAVE THIS CHECKED BY AN ENGINEER

SEE ROUND BEAM LOCATION

AND SPAN

FLOOR LOAD $12' \times 6.25' = 75.0 \times 50 = 3750 \#$

CEIL LOAD $8' \times 6.25' = 50.0 \times 30 = 1500 \#$

ROOF LOAD $8' \times 6.25' = 50.0 \times 30 = 1500 \#$

$W = \frac{6750 \#}{5535}$

$\frac{1}{6.25} = W = \frac{1080 \#}{880}$

$\frac{1080 \times 6.25 \times 5.125 + 1080 \times 6.25 \times 5.125}{880} = \frac{34,670.63}{63,281.25}$

$S = 52.56$ $MIN \ F_d = \frac{659}{1204}$

~~OK IF #1 F.P.S.~~

BEAM OK

WITH REVISD PIER LOCATIONS

2301

$$\text{FLOOR LOAD: } 12' \times \overset{5'-10' \quad 70}{\cancel{6.4'}} = \overset{3500}{\cancel{76.8'}} \times 50 = \overset{3500}{\cancel{3840}} \#$$

$$\text{CEIL LOAD } 12' \times \overset{5'-10' \quad 70}{\cancel{6.4'}} \times \overset{2100}{\cancel{76.8}} \times 30 = \overset{2100}{\cancel{2304}} \#$$

TOTAL LOAD

$$\begin{array}{r} \cancel{6144} \# \\ \hline 5600 \end{array}$$

$$\overset{5600}{\cancel{6144}} \div \overset{875}{6.4'} = \overset{875}{\cancel{960}}$$

$$\frac{\overset{875}{\cancel{960}} \times \overset{5.8333}{\cancel{6.4}} \times \overset{5.8333}{\cancel{6.4}} \times 12}{8} = \begin{array}{r} 44,661 \\ 58,982.4 \end{array}$$

$$\begin{array}{r} 44,661 \\ \cancel{58,982.4} \end{array}$$

$$\frac{6 \times 7.25^2}{6} = 52.56 = \overset{850}{\cancel{1122.19}}$$

BEAM OK IF #1 F.P.S.

$$5' \text{ SPAN } \quad 10' \text{ WIDE } = 50 \times 50 = 2500 = W$$

$$\frac{500 \times 5 \times 5 \times 12}{8} = 18,750$$

$$\frac{3 \times 7.25^2}{6} \quad 26.28 \quad 7 \text{ B,}$$

2-2x8 OK

