

**PERMIT**

**CITY OF NAPOLEON - BUILDING DEPARTMENT**

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

Permit No. 01910 Issued 2-2-90 date  
 Job Location 845 Hobson address  
 Lot 173 Original Plat P&S 4th Add. sub-div or legal discript  
 Issued By Eldon Huber building official  
 Owner John Hoover 586-3602 name tel.  
 Address 537 Touvelle St. Celina 45822  
 Agent Linda Lang 592-3343 builder-eng.-etc. tel.  
 Address 845 Hobson St.  
 Description of Use Residence

Residential 1 no. dwelling units  
 Commercial \_\_\_\_\_ Industrial \_\_\_\_\_  
 New \_\_\_\_\_ Add'n. \_\_\_\_\_ Alter X Remodel X  
 Mixed Occupancy \_\_\_\_\_  
 Change of Occupancy \_\_\_\_\_  
 Estimated Cost \$ 5800.00

**ZONING INFORMATION**

district	lot dimensions		area	front yd	side yds	rear yd
C						
max hgt	no pkg spaces	no ldg spaces	max cover	petition or appeal req'd	date appr	

**WORK INFORMATION:**

Size: Length 57 Width 27 Stories 2  
 Height \_\_\_\_\_ Building Volume (for demo. permit) \_\_\_\_\_ cu. ft.  
 Basement Fl. Area 560  
 Second Floor Area 580  
 Ground Floor Area 1192

Electrical: Take two new circuits to upstairs (remove old wires)  
 Plumbing: Remove old bath fixtures & plumbing; remodel & reroute new plastic pipes to connect to existing pipes in the basement  
 Mechanical: Replace old furnace with new; alter existing ducts as needed and reroute ducting to second floor

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

Additional Information: On the second floor, drop the ceiling 6 inches, add one inch strofoam and 1/2 inch drywall to exterior walls, remodel bathroom and reroute new plumbing in the basement relocate interior walls adding more closets, change the stairway location, and add more electric outlets.

Date \_\_\_\_\_ Applicant Signature \_\_\_\_\_ owner-agent

FEES	BASE	PLUS	TOTAL
<input checked="" type="checkbox"/> BUILDING	9.00	40.00	49.00
<input checked="" type="checkbox"/> ELECTRICAL	15.00	6.00	21.00
<input checked="" type="checkbox"/> PLUMBING	9.00	9.00	18.00
<input checked="" type="checkbox"/> MECHANICAL	18.00		18.00
<input type="checkbox"/> DEMOLITION			
<input type="checkbox"/> ZONING			
<input type="checkbox"/> SIGN			
<input type="checkbox"/> WATER TAP			
SEW. INSP.			
SEWER TAP			
TEMP. WATER			
TEMP. ELECT.			
ADDITIONAL PLAN REVIEW	Struct. _____ hrs	Elect. _____ hrs	
TOTAL FEES.....			106.00
LESS MIN. FEES PAID _____ date _____			
BALANCE DUE.....			

**FEB 02 1990**

# INSPECTION RECORD

	UNDERGROUND			ROUGH-IN					FINAL			
	Type	Date	By	Type	Date	By	Type	Date	By	Type	Date	By
<b>PLUMBING</b>	Building Drains			Drainage, Waste & Vent Piping	9/5	BD	Indirect Waste	9/5	BD	Drainage, Waste & Vent Piping	9/5	BD
	Water Piping									Backflow Prevention		
	Building Sewer			Water Piping			Condensate Lines			Water Heater		
	Sewer Connection									FINAL APPROVAL		
<b>MECHANICAL</b>	Refrigerant Piping			Refrigerant Piping	9/5	BD	Chimney(s)			Grease Exhaust System		
				Duct Furnace(s)			Fire Dampers			Air Cond. Unit(s)	9/5	BD
	Ducts/Plenums			Ducts/Plenums			<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		
<b>ELECTRICAL</b>	Conduits & or Cable			Conduits/Cable	9/5	BD	<input type="checkbox"/> Range <input type="checkbox"/> Dryer			Temp Service Temp Lighting		
	Grounding & or Bonding			Rough Wiring	9/5	BD	<input type="checkbox"/> Generator(s) <input type="checkbox"/> Motors			Fixtures Lampholders		
	Floor Ducts Raceways			Service Panel Switchboard	9/5	BD	<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	9/5	BD
	Temporary Power Pole			Subpanels			<input type="checkbox"/> Duct Htr(s) <input type="checkbox"/> Furnace(s)			FINAL APPROVAL		
<b>BUILDING</b>	Location, Set-backs, Esmt(s)			Exterior Wall Construction			Roof Covering Roof Drainage			Smoke Detector		
	Excavation						Exterior Lath			Demolition (sewer cap)		
	Footings & Reinforcing						<input type="checkbox"/> Interior Lath <input type="checkbox"/> Wallboard					
	Floor Slab			Interior Wall Construction			Fire Wall(s)			Building or Structure		
	Foundation Walls			Columns & Supports			Fireplace Chimney					
	Sub-soil Drain			Crawl Space <input type="checkbox"/> Vent <input type="checkbox"/> Access			Attic <input type="checkbox"/> Vent <input type="checkbox"/> Access					
	Piles			Floor System(s)						FINAL APPROVAL BLDG. DEPT.	9/19	BD
			Roof System			Special Insp Reports Rec'd			Certificate of Occupancy Issued			
<b>ADDITIONAL</b>	INSPECTIONS, CORRECTIONS, ETC.						INSPECTIONS, CORRECTIONS, ETC.					

PAID  
 FEB 05 1980  
 CITY OF WASHINGTON

RESIDENTIAL PLAN CORRECTION SHEET

CITY OF NAPOLEON  
255 West Riverview Ave.  
Napoleon, Ohio 43545  
419/592-4010

ADDENDUM TO Permit No. 01910-01  
Owner JOHN HOOVER  
Contractor SELF  
Location 845 HOBSON

Please note the items checked below and incorporate them into your plans as indicated:  PERMIT NOT YET 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.
	Provide 1/2" gypsum wallboard between dwelling and garage, on garage side.		Provide double top plate for all bearing partitions and exterior walls.
	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. 16" x 24" crawl space access opening.	<input checked="" type="checkbox"/>	Terminate all exhaust systems to outside air.
	Provide approved sheathing or flashing behind masonry veneer.	<input checked="" type="checkbox"/>	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.		METAL VENEERS
	LIGHT AND VENTILATION		Contact City Utilities Dept. to remove conductors and/or meter.
<input checked="" type="checkbox"/>	Provide mechanical exhaust or window in bathroom		Provide approved system of grounding and bonding.
<input checked="" type="checkbox"/>	Provide min. _____ Sq. In. net free area attic ventilation.		ELECTRICAL
	Provide min. _____ 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".	<input checked="" type="checkbox"/>	Outdoor, bathroom and garage receptacles shall be protected by G. F. C. I.
	Min. size of footer _____" x _____"		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 _____		Footers and Setbacks.
	Provide design data for structural member in _____		Foundation.
	Floor joists undersized in _____	<input checked="" type="checkbox"/>	Building sewer.
<input checked="" type="checkbox"/>	Provide double joists under parallel bearing partitions.	<input checked="" type="checkbox"/>	HVAC rough-in.
	Provide 1" x 4" let in corner bracing, approved sheathing, or equal.	<input checked="" type="checkbox"/>	Final Building other,
	Show size of headers for openings over 4' wide _____	<input checked="" type="checkbox"/>	BUILDING FRAMES
		<input checked="" type="checkbox"/>	Electrical service.
		<input checked="" type="checkbox"/>	Electrical rough-in.
		<input checked="" type="checkbox"/>	Electrical final

Additional Corrections. COVER FOAM PLASTIC INSULATION WITH MIN 1/2" DRYWALL STAIRWAY MAX R1 8 1/4" MIN TR 9" MIN HD RM 6-8" HORIZONTAL 30" TO 34" MIN 3-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. 01910 and made a part thereof. DATE APPROVED OR DISAPPROVED 2-2-90 Checked by ELDON HUBER Plan Examiner.

DATE RECHECKED AND APPROVED \_\_\_\_\_ Checked by \_\_\_\_\_



B.I. COPY

APPLICATION for RESIDENTIAL BUILDING, ELECTRICAL, PLUMBING, MECHANICAL, PERMITS and DEMOLITION PERMIT from the CITY OF NAPOLEON - BUILDING DEPARTMENT

255 West Riverview Ave. Napoleon, Ohio 43545 Pn. 419-592-4010

Entry No. \_\_\_\_\_

Permit No. 01910 Issued 7-2-90

Job Location 845 HOBSON

Lot 173 ORIGINAL PLATT P+5 4TH ADD sub-div. or legal disc.

Issued By FH building official

Owner JOHN HOOPER Pn 586-3602

Address 537 Touvelle St, Celina, OH 45822

Agent Linda Lang Pn 592-3343

Address 845 Hobson St, Napoleon, OH 43545

Description of Use RESIDENCE

Residential 1 no. dwelling units

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

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

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

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

Estimated Cost \$ 5800.00

-ZONING INFORMATION

district	lot dimensions	area	front yd	side yds.	rear yd
C					
max hgt	no pkg spaces	no ldg spaces	max cover	petition or appeal req'd.	date appr

WORK INFORMATION: BUILDING:

Garage Fl. Area None Basement Fl. Area 560 ft<sup>2</sup> Second Floor Area 580 ft<sup>2</sup>

Size: Length 57 Width 27 Stories 2 Ground Floor Area 1192 ft<sup>2</sup>

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

Description of Work: On the second floor, drop the ceiling 6 inches, add one inch styrofoam and 1/2 inch drywall to exterior walls, remodel bathroom and re-route new plumbing to the basement, relocate interior walls adding more closets, change the stairway location, and rewire adding more electric outlets.

Continue on Back Side for Electrical, Plumbing and Mechanical and other Information;

Ck. Permits Req.	Base	Fees Plus	Total
<input checked="" type="checkbox"/> Building	9.00	40.00	49.00
<input checked="" type="checkbox"/> Electrical	15.00	6.00	21.00
<input checked="" type="checkbox"/> Plumbing	9.00	9.00	18.00
<input checked="" type="checkbox"/> Mechanical	18.00	1.00	19.00
Demolition			
Zoning			
Sign			
Water tap			
Sewer Tap			
Temp. Water			
Temp. Elec.			
Additional struc. plan review		hrs	
Elect.		hrs	
Total Fees.....			106.00
Less Min. Fees Pd.		date	
Balance Due.....			

**ELECTRICAL:** Electrical Contractor Self (John Hoover) Pn. 586-3602  
592-3343  
 Address 537 Touvelle St, Celina, OH 45822 Estimated Cost \$ \_\_\_\_\_  
 Type of work: New \_\_\_\_\_ Service change \_\_\_\_\_ Rewiring  Additional Wiring  Temp. Elec. Req. \_\_\_\_\_  
 Size of service \_\_\_\_\_ Underground \_\_\_\_\_ Overhead \_\_\_\_\_ No. of new circuits 2  
 Description of work: Take two new circuits to upstairs (remove old wires)

**PLUMBING:** Plumbing Contractor Self Pn. \_\_\_\_\_  
 Address \_\_\_\_\_ Estimated Cost \$ \_\_\_\_\_  
 Water Tap Req.  Size \_\_\_\_\_ Type of Pipe \_\_\_\_\_ Water Dist. Pipe \_\_\_\_\_ type  
 San. Sewer Tap Req.  Size \_\_\_\_\_ Type of Pipe \_\_\_\_\_ Dr. Waste Vt. Pipe \_\_\_\_\_ type  
 St. Sewer Tap Req.  Size \_\_\_\_\_ Type of Pipe \_\_\_\_\_ Street to be Opened \_\_\_\_\_ yes no  
 Main Building Drain Size \_\_\_\_\_ Main Vent Pipe Size \_\_\_\_\_ List Number of Plumbing Fixtures Below  
 Water Closets 1 Bathtubs 1 Showers \_\_\_\_\_ Lavatories 1 Kitchen Sinks \_\_\_\_\_ Disposal \_\_\_\_\_ Dishwasher \_\_\_\_\_ Clothes Washer \_\_\_\_\_  
 Floor Drains \_\_\_\_\_ Other Fixtures: Type \_\_\_\_\_ No. \_\_\_\_\_

Description of Work: Remove old bath fixtures and plumbing - remodel and reroute new plastic pipes to connect to existing pipes in the basement

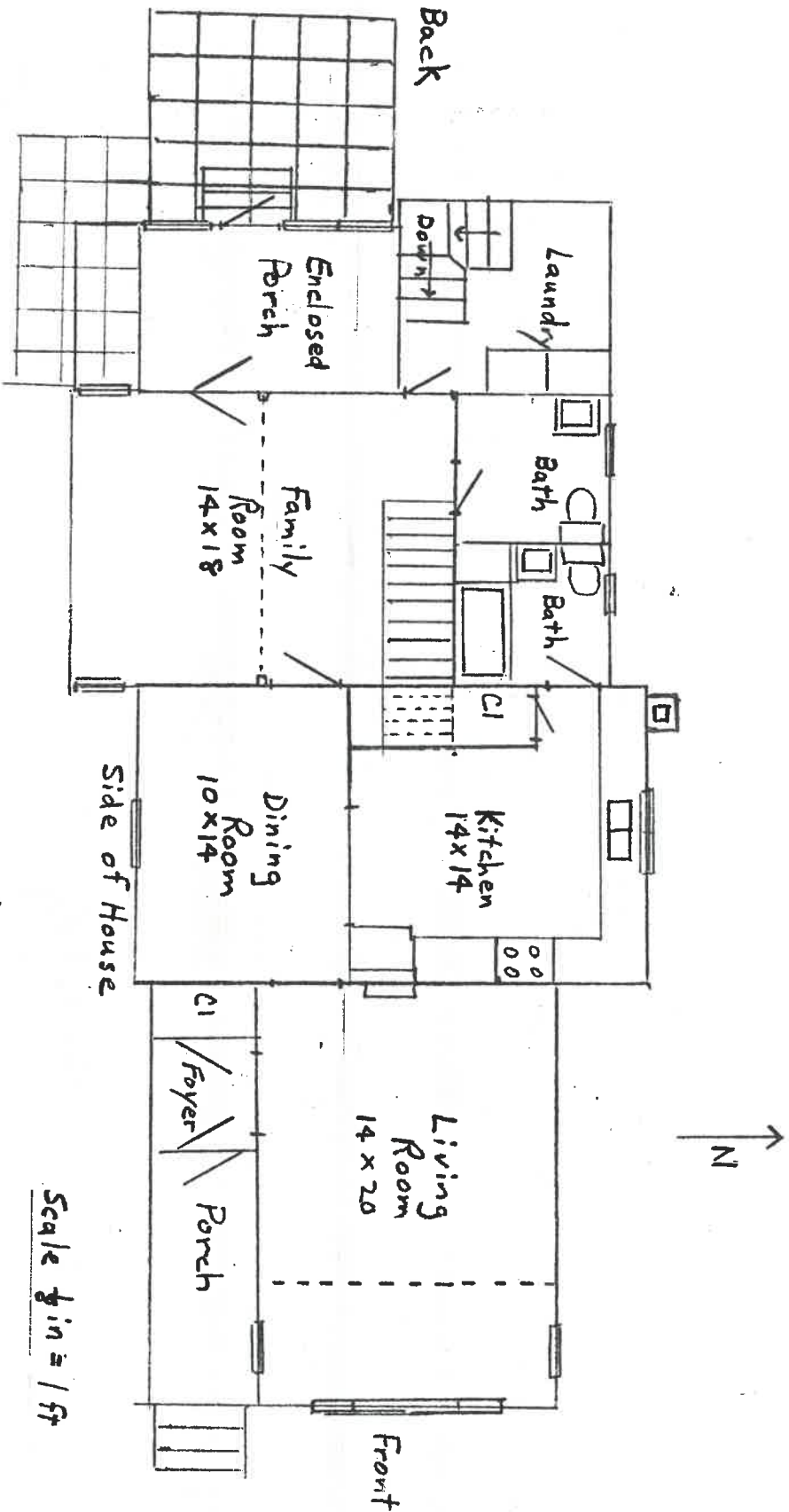
**MECHANICAL:** Mechanical Contractor Self Pn. \_\_\_\_\_  
 Address \_\_\_\_\_ Estimated Cost \$ \_\_\_\_\_  
 Heating System: Forced Air  Gravity \_\_\_\_\_ Hot Water \_\_\_\_\_ Steam \_\_\_\_\_ Unit Heaters \_\_\_\_\_ Radiant \_\_\_\_\_ Baseboard \_\_\_\_\_  
 Type of Fuel: Electric \_\_\_\_\_ Natural Gas  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 Replace old furnace with new - alter existing ducts as needed and reroute ducting to second floor

**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 February 2, 1990 Signature of Applicant John E Hoover  
 Application not valid without signature



First Floor Plan

845 Hobson St.

Napoleon, Ohio 43545

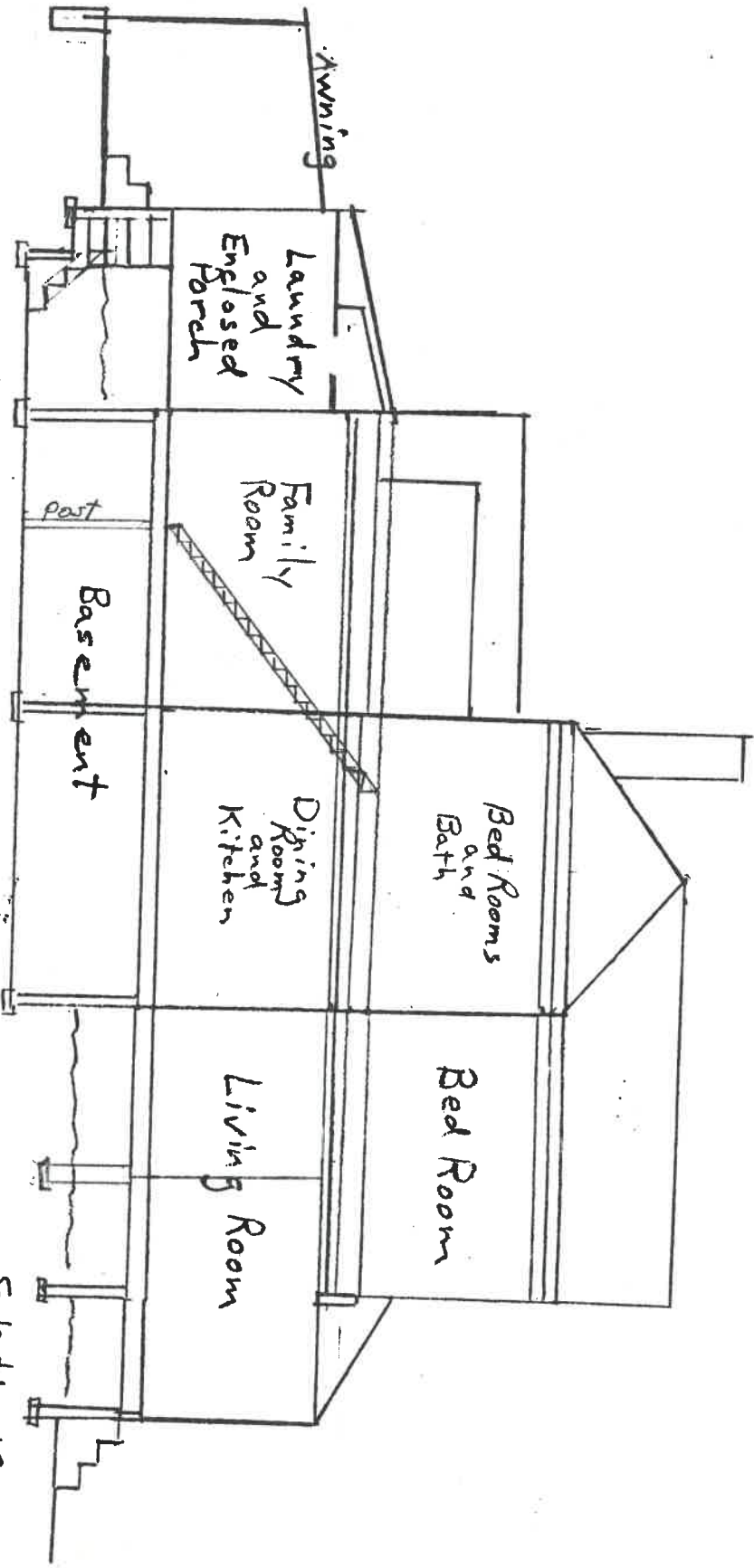
John Hoover, owner

February 2, 1990

Scale 1/8 in = 1 ft





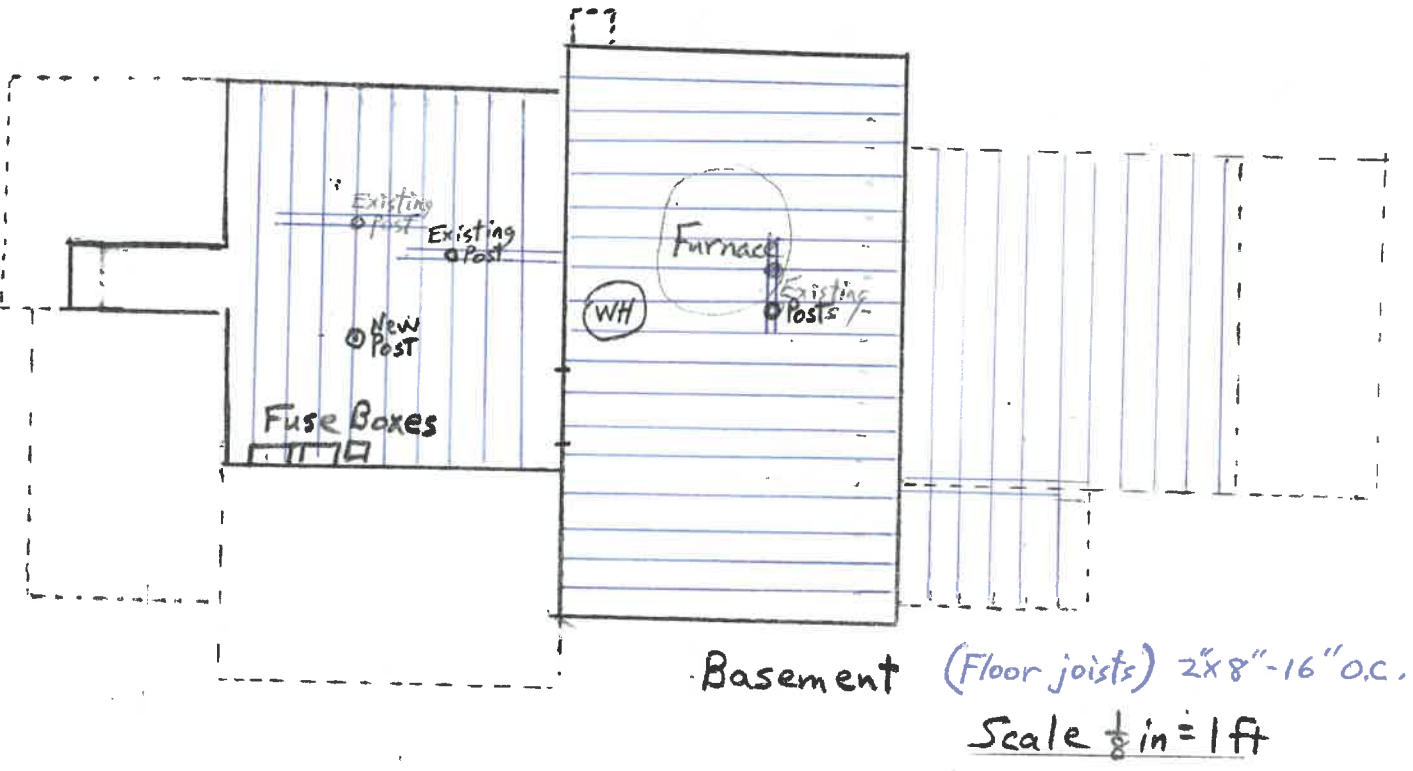
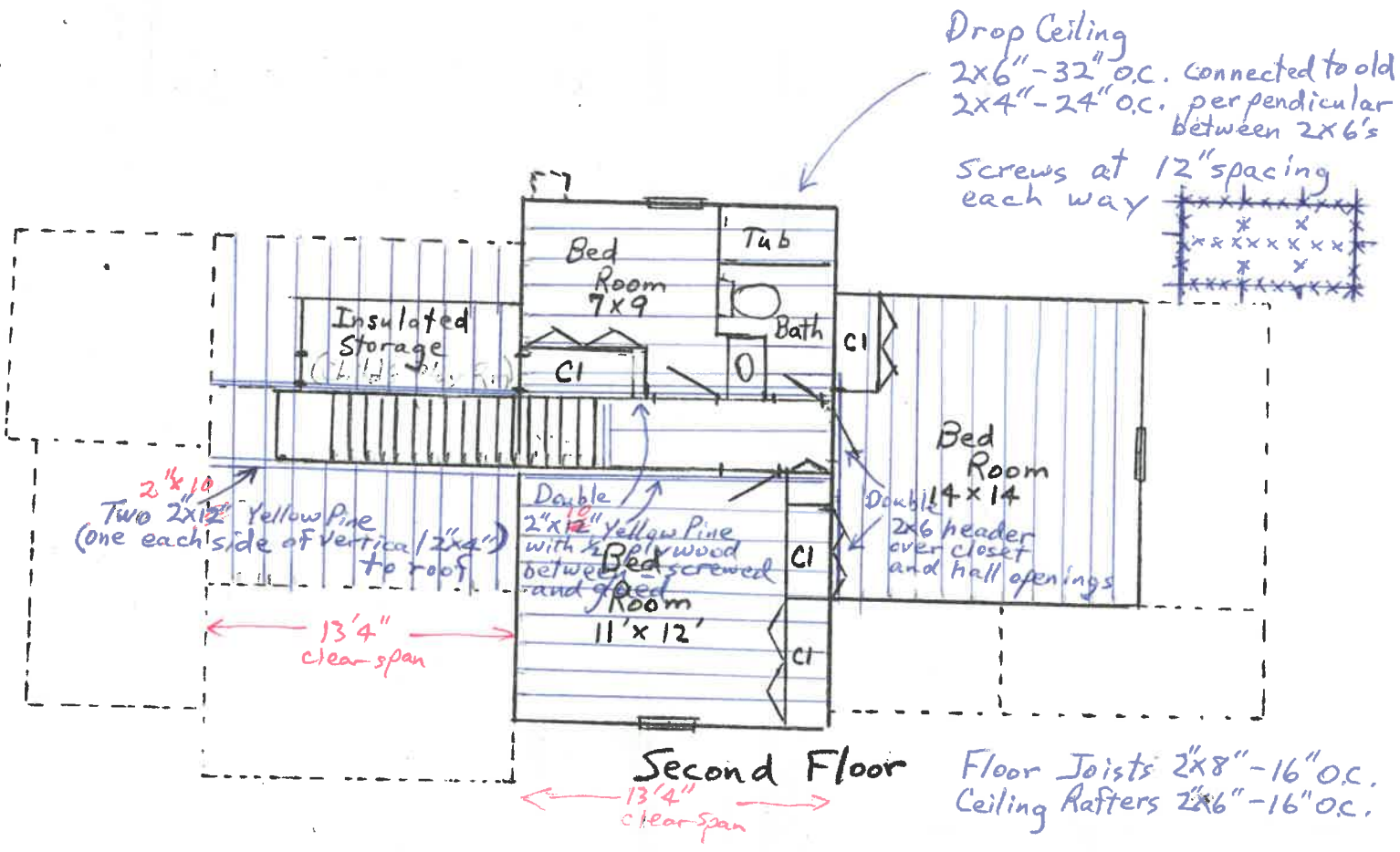


Scale 1/4" = 1 ft

Side View - Foundation / Support Walls  
 845 Hobson St  
 Napoleon, Ohio 43545

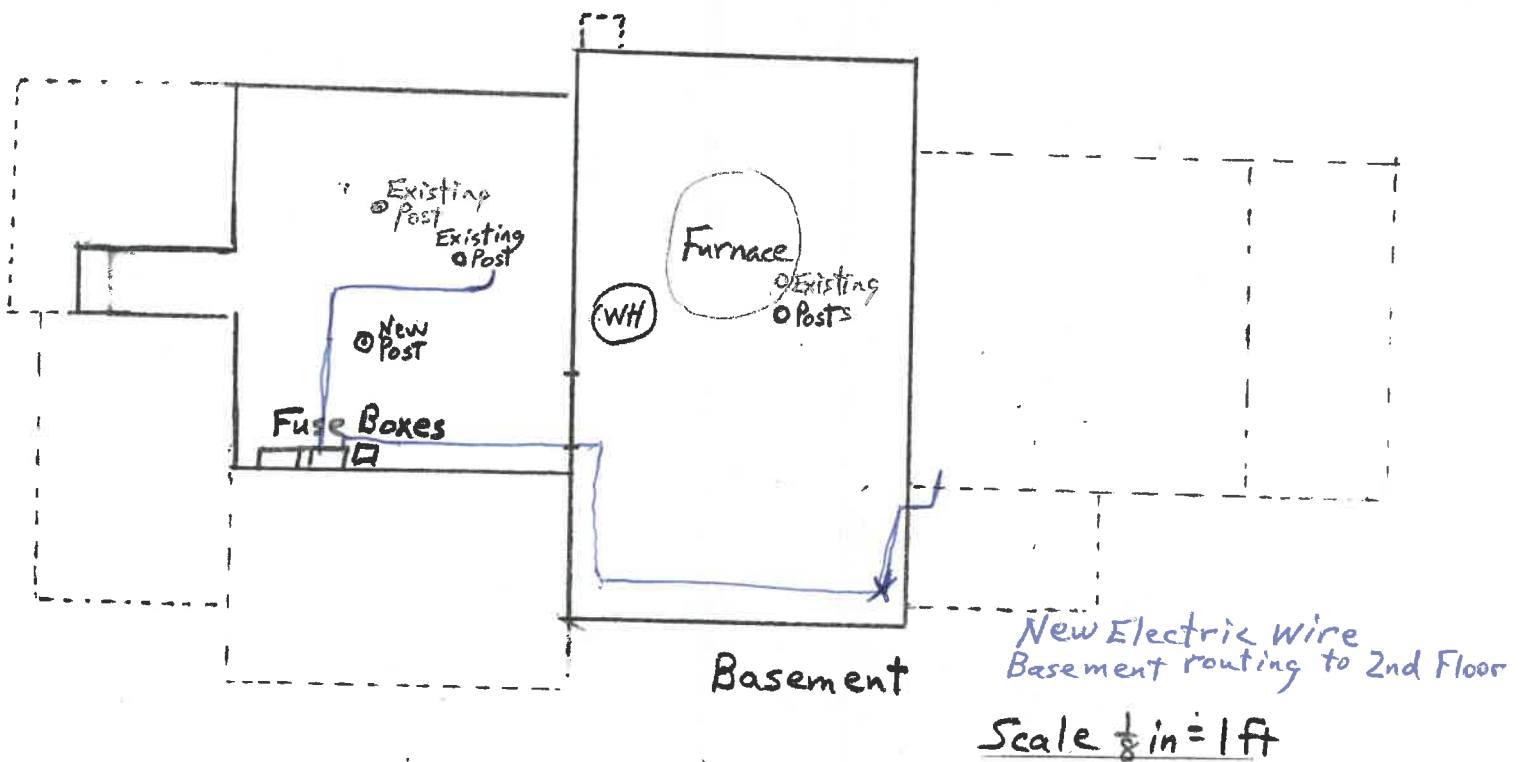
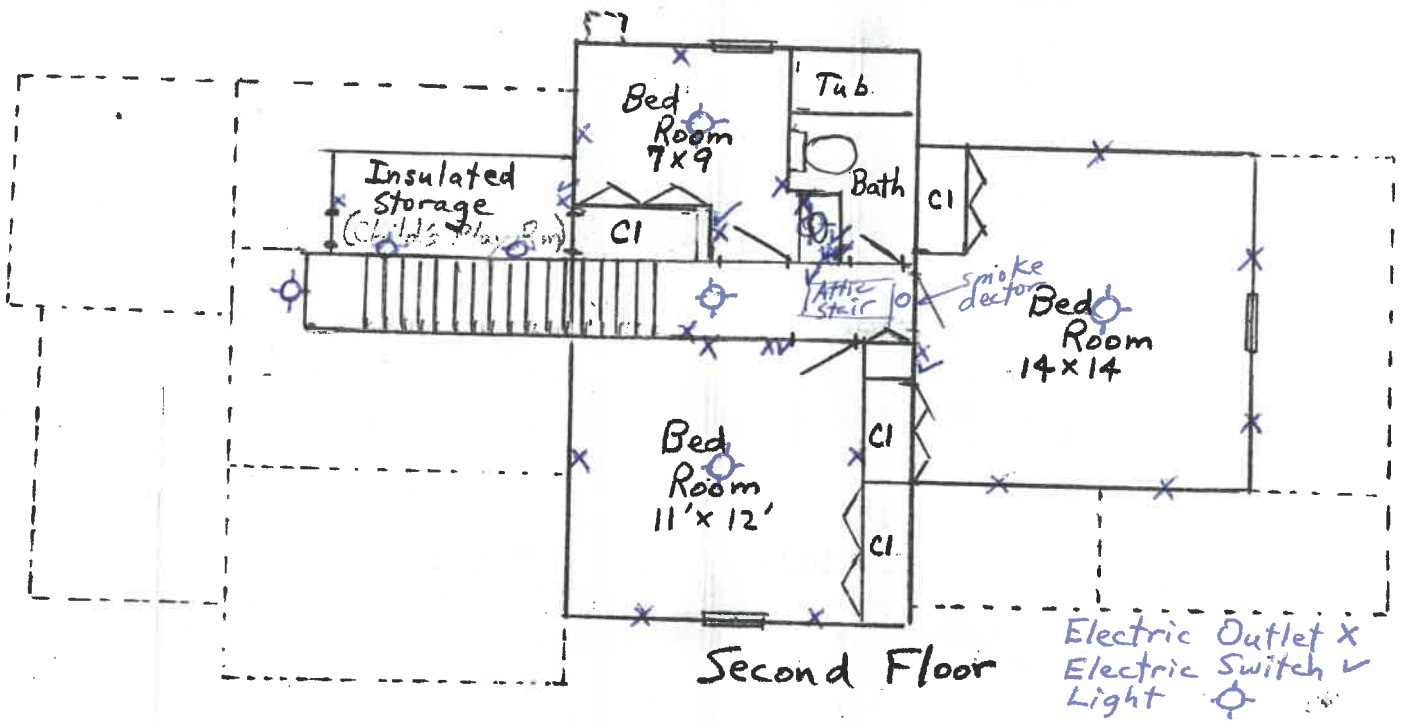
John Hoover, owner  
 February 2, 1990





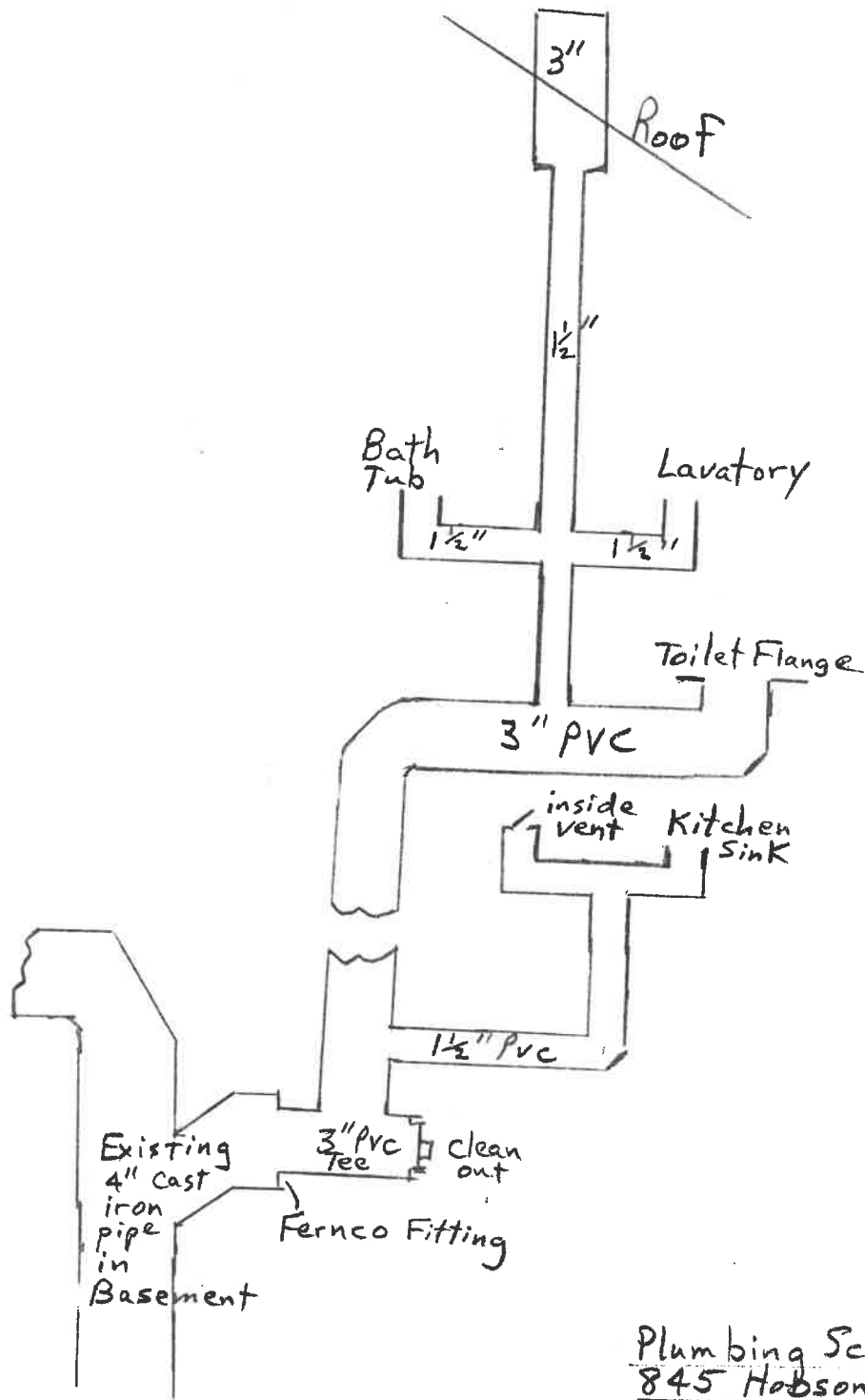
Second Floor and Basement  
 845 Hobson St  
 Napoleon, Ohio 43545  
 John Hoover, owner  
 February 2, 1990





Second Floor and Basement  
 845 Hobson St  
 Napoleon, Ohio 43545  
 John Hoover, owner  
 February 2, 1990





Plumbing Schematic  
 845 Hobson St  
 Napoleon, Ohio 43545

John Hoover, owner  
 February 2, 1990





3' x 13'4"

$$\begin{array}{c} \text{CEILING} \\ \underbrace{\hspace{2cm}} \\ 20 + 10 + \underbrace{\hspace{2cm}}_{\text{WALL}} \\ 20 + 10 = 60 \# \times 3' = 180 \# \end{array}$$

$$M = \frac{WL}{8} = \frac{180 \times 13.34 \times 13.34 \times 12}{8} = 48,098$$

2-2x12s

$$S = \frac{wd^3}{6} = \frac{3 \times 11.25^3}{6} = 63,28$$

$$M = S \times F = 1400 \times 63,28 = 88,592$$

2-2x10s

$$S = \frac{wd^3}{6} = \frac{3 \times 9.25^3}{6} = 42,78 \times 1400 = 59,894$$

$$D = \frac{S}{384} \times \frac{WL^3}{EI} = \frac{S}{384} \times \frac{2401 \times (13.34 \times 12)^3}{1,600,000 \times 197,86} = .1736$$

$$I = \frac{wd^3}{12} = \frac{3 \times 9.25^3}{12} = 197.86 \quad \text{OK}$$

$$\text{ALLOW DEFLECTION } \frac{1}{200} \text{ OR } 13'4" = .667$$

