

CROSS CUT VIEW

NOT TO SCALE

6x6x3 1/2 Header

100"

18 1/2
22 1/2

1/2" Hot & Cold water lines

2 1/2 x 7 Floor Joist

1/2" DRAINAGE

6x6x3 1/2 Header

4-1 3/4 x 18 x 24
7 x 18 x 24
Beam

2x6 Double Hangers

5/8 BOLT (carriage)
w/washers,
NUT

1/2 x 2
SPLICES
w/ HOLDING
BRACKETS

WINDOW

3' 3 1/2" x 3' 4"

400 SERIES
Anderson Double
Hung Windows
Divided Light
Low-E Heat
Lock
Full screen

4" DRAIN PIPE TO SEPTIC

2x4 x 7'6" wall

2x6 x 6' 1 1/2"

1 1/2" pipe PVC

18 pitch per foot

6" Colored Concrete SLAB

w/ Fiber Mesh

16" x 8" SLAB WALL

FOOTING

3" x 16" x 16"

R-21
INSULATION

KITCHEN LAYOUT
WITH DRAIN to SEPTIC

80"

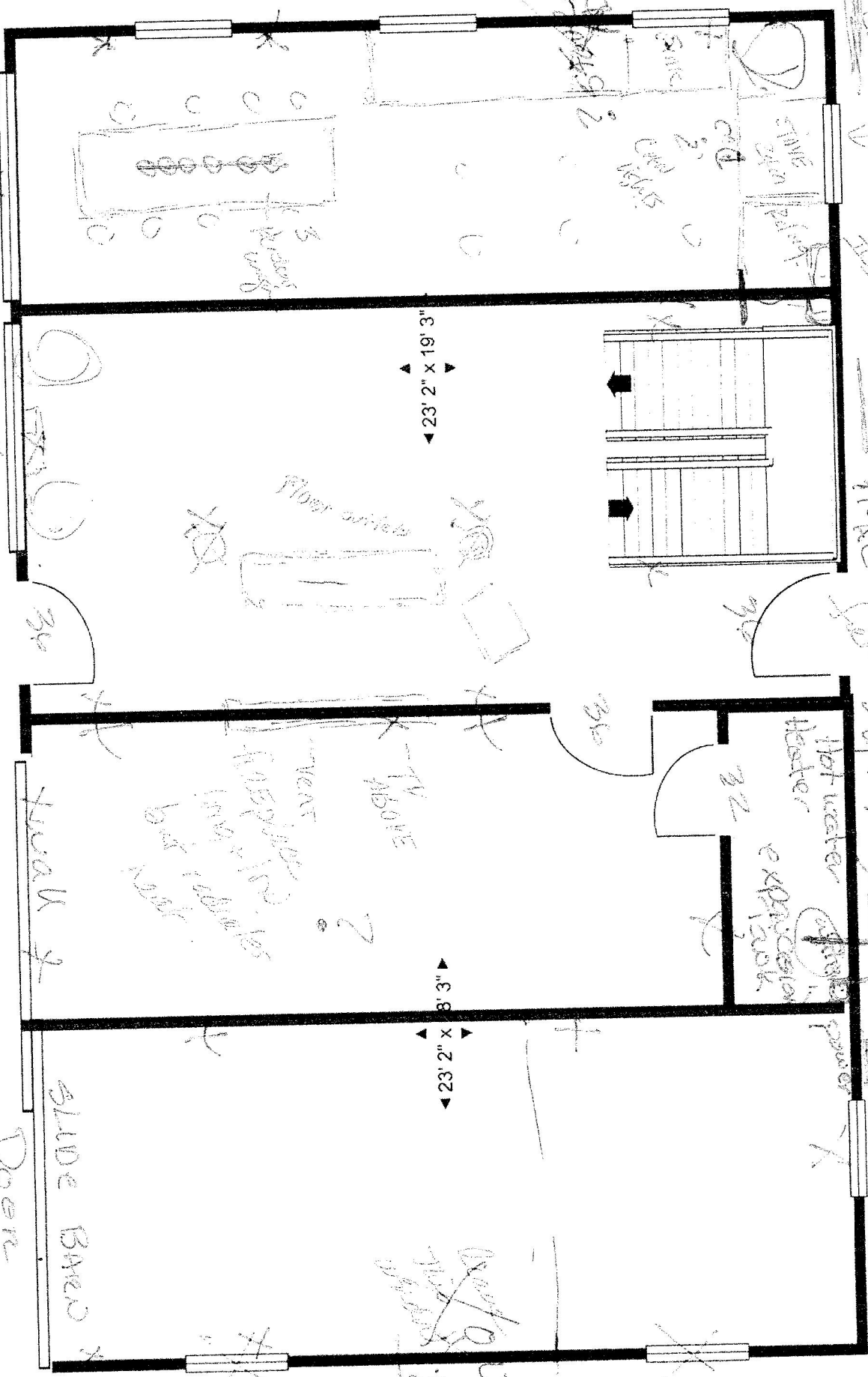
Fire alarm

23' 2"

19' 3"

23' 2" x 19' 3"

8' 3" x 23' 2"



X = electrical outlets

Power Water

Window

Heat

Hot water heater

exposure

SLIDE BARND

Door

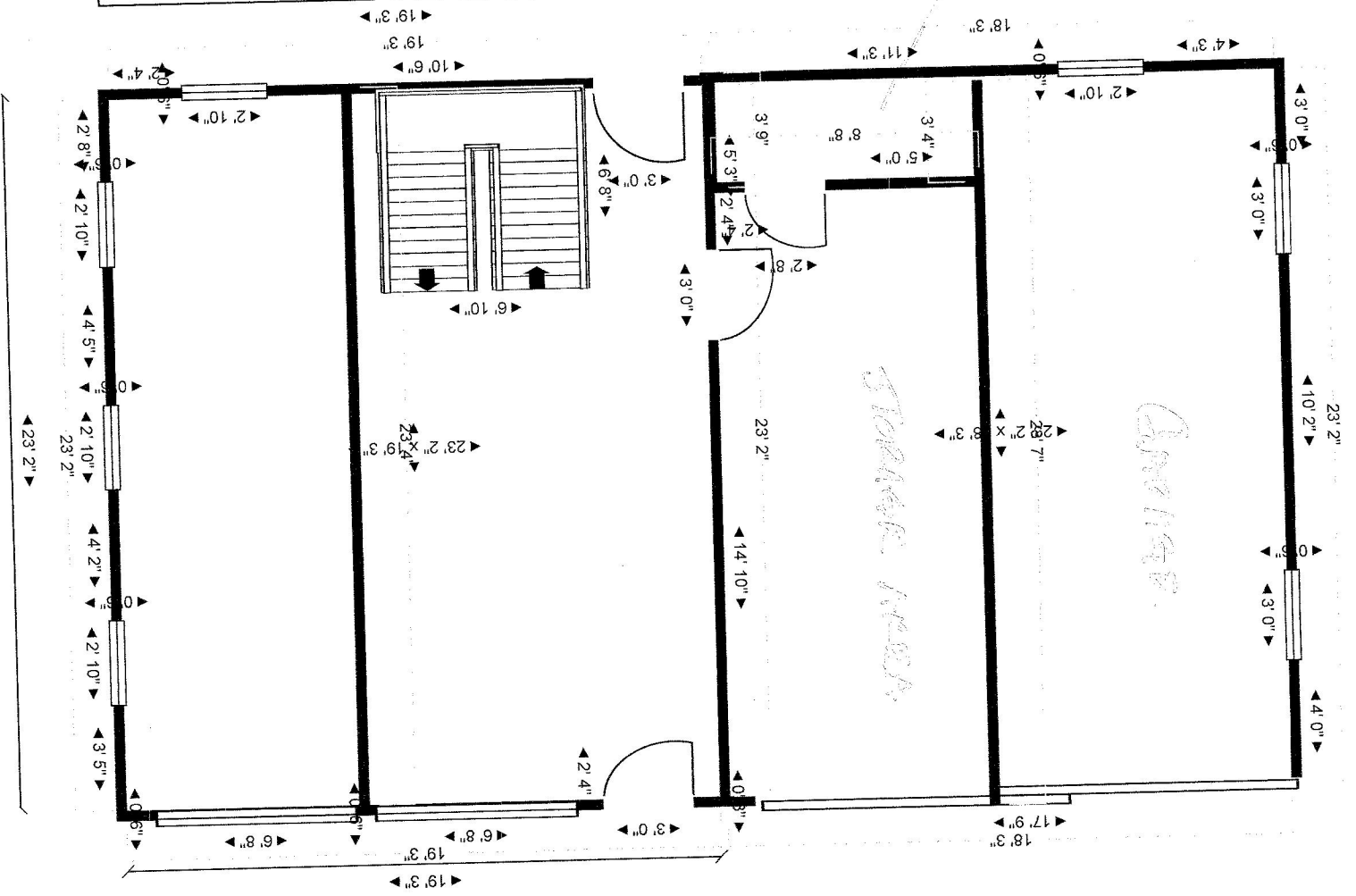
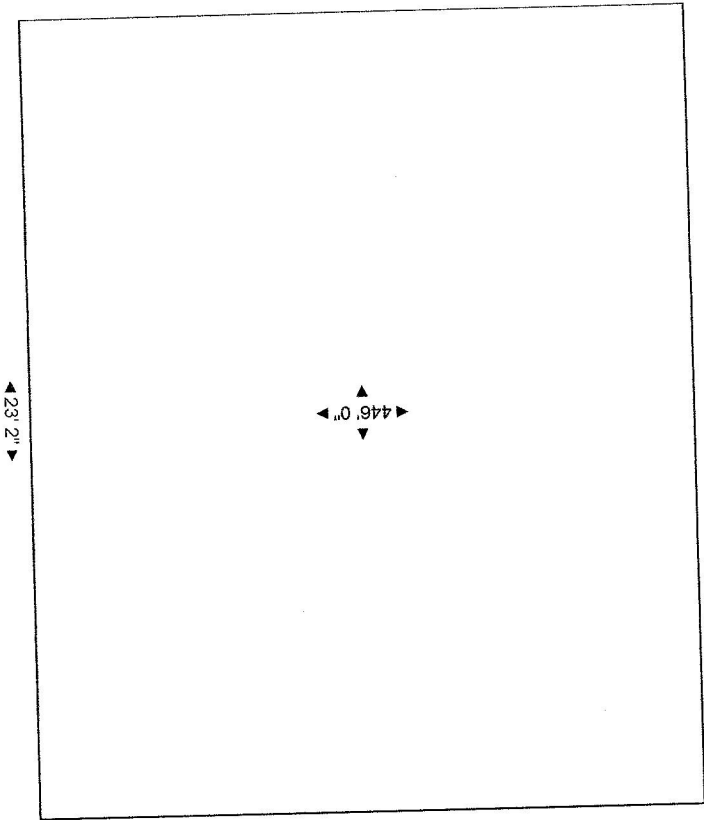
Hazardous Waste Appliances

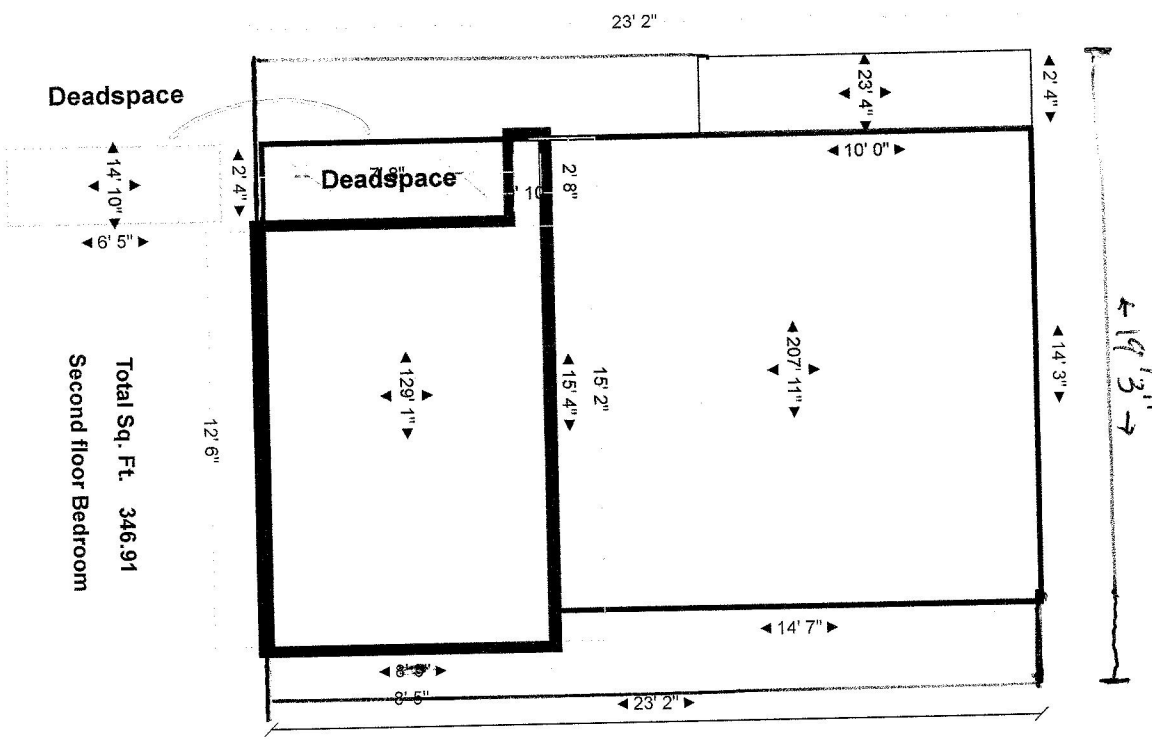
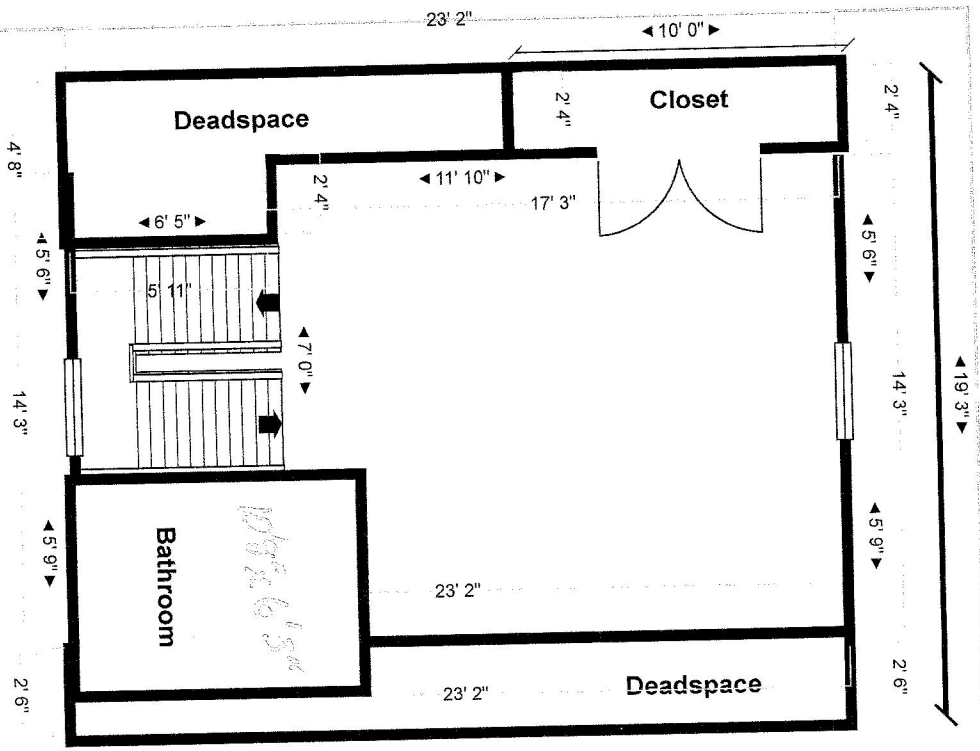
Power pack?

Conductance

19' 3"

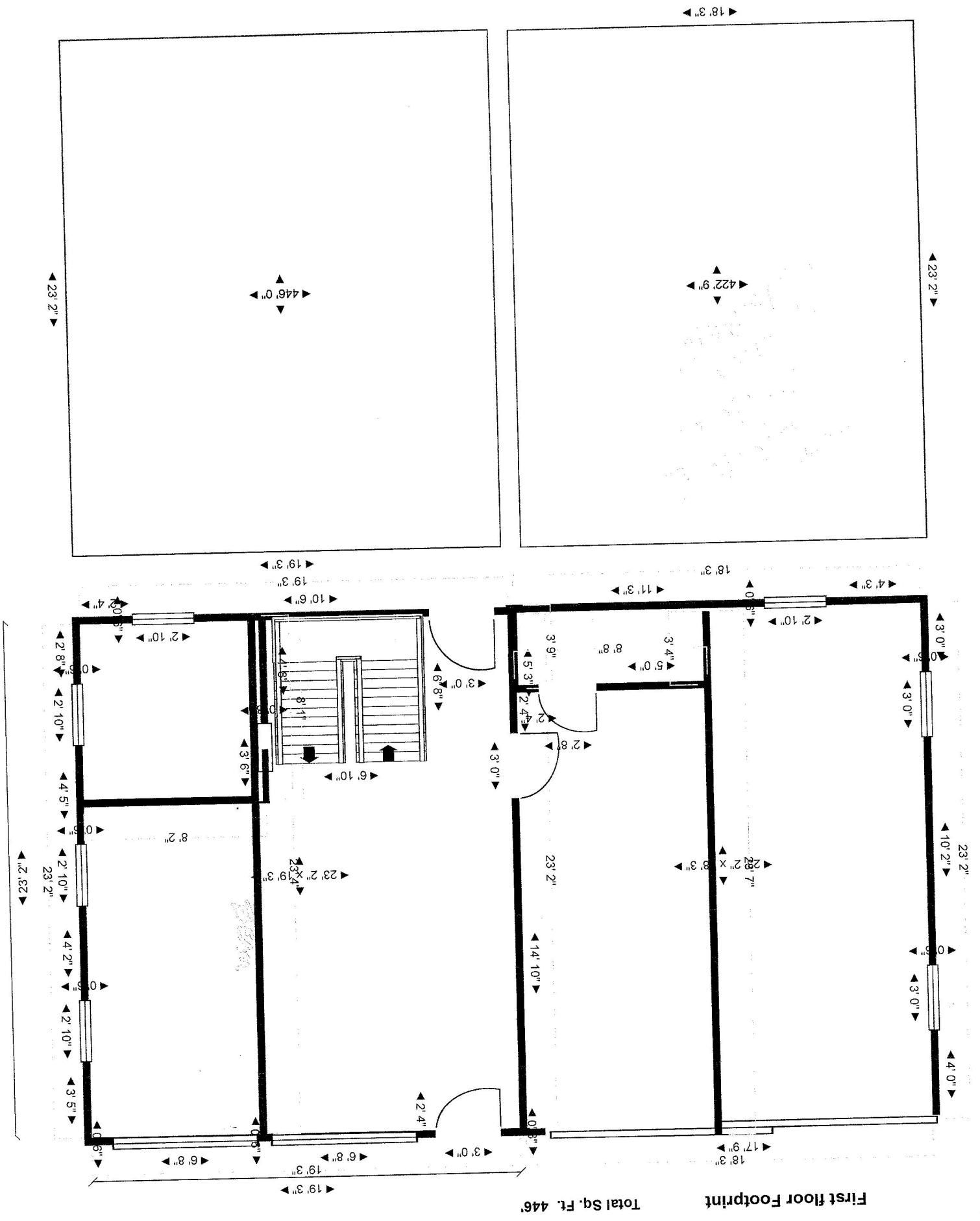
Handwritten notes at the bottom of the plan.





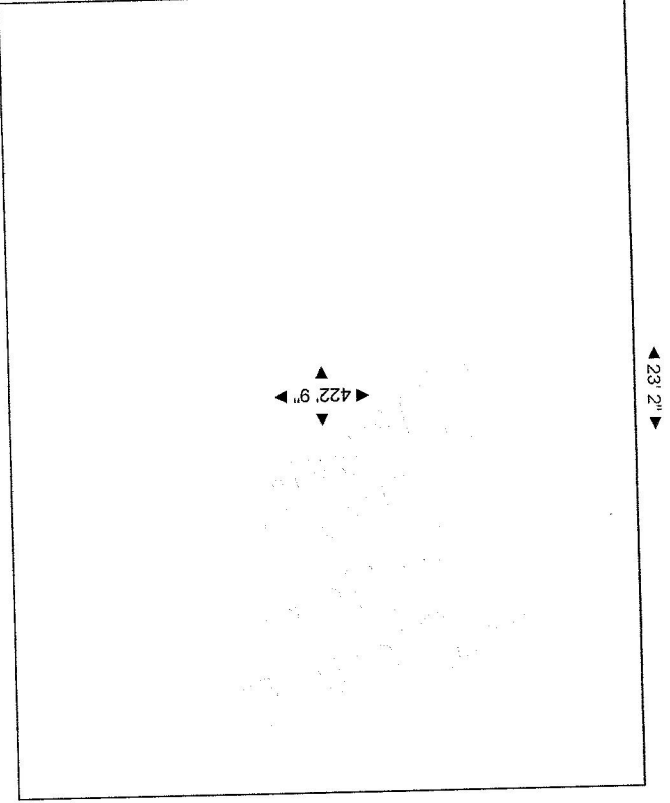
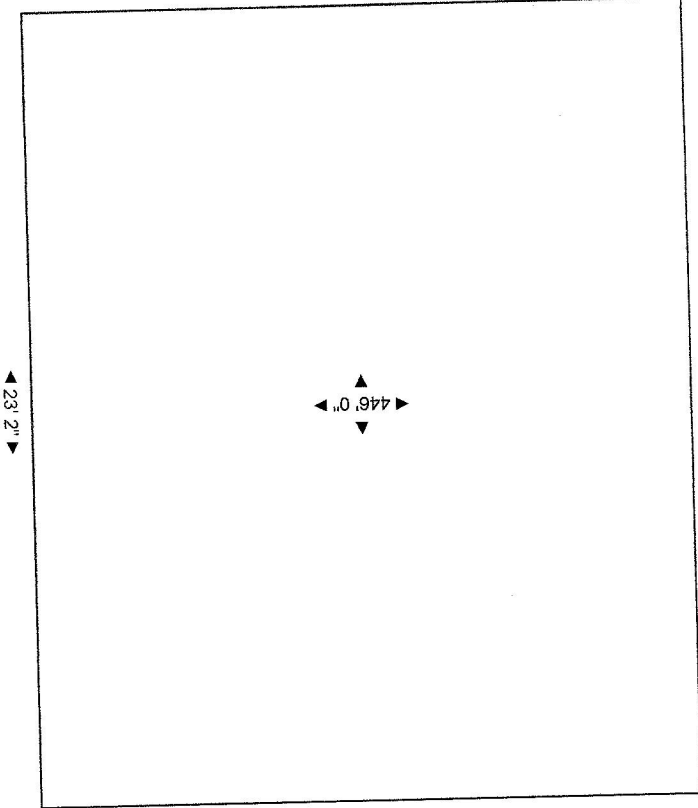
Total Sq. Ft. 346.91
Second floor Bedroom

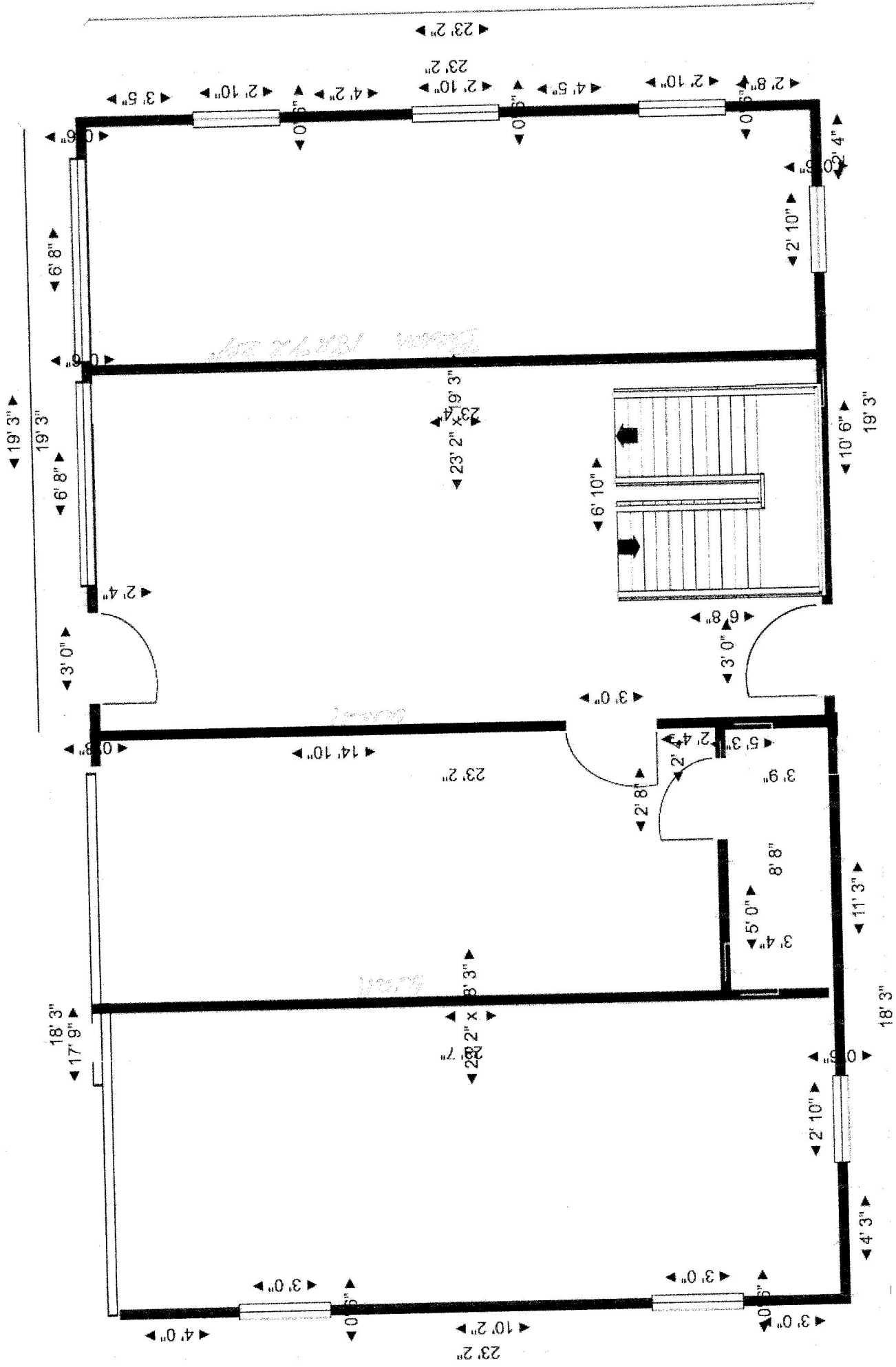
← 19' 3" →



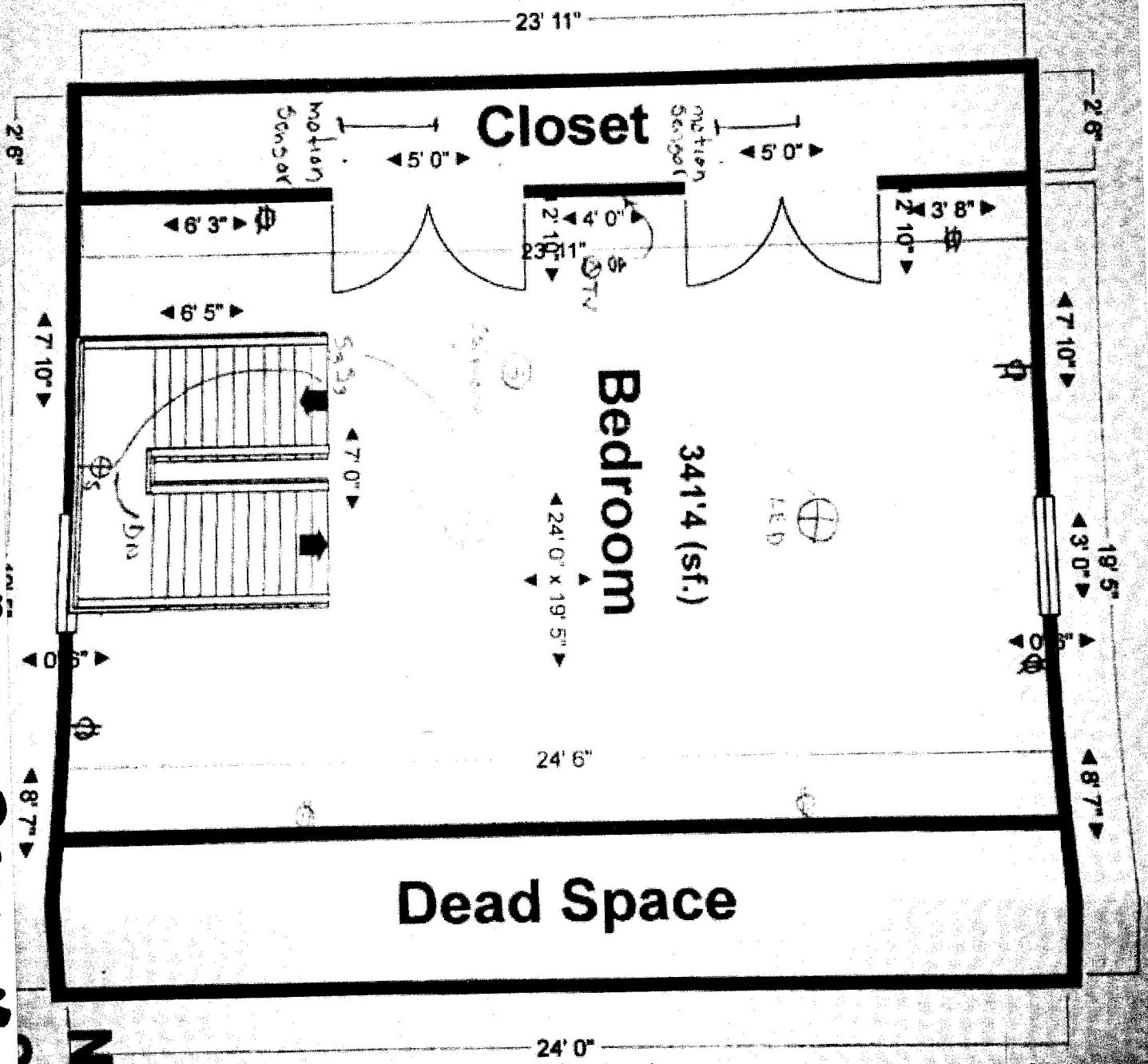
First floor Footprint

Total Sq. Ft. 446'



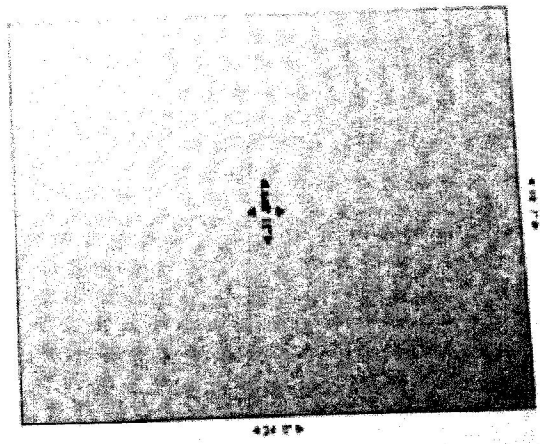
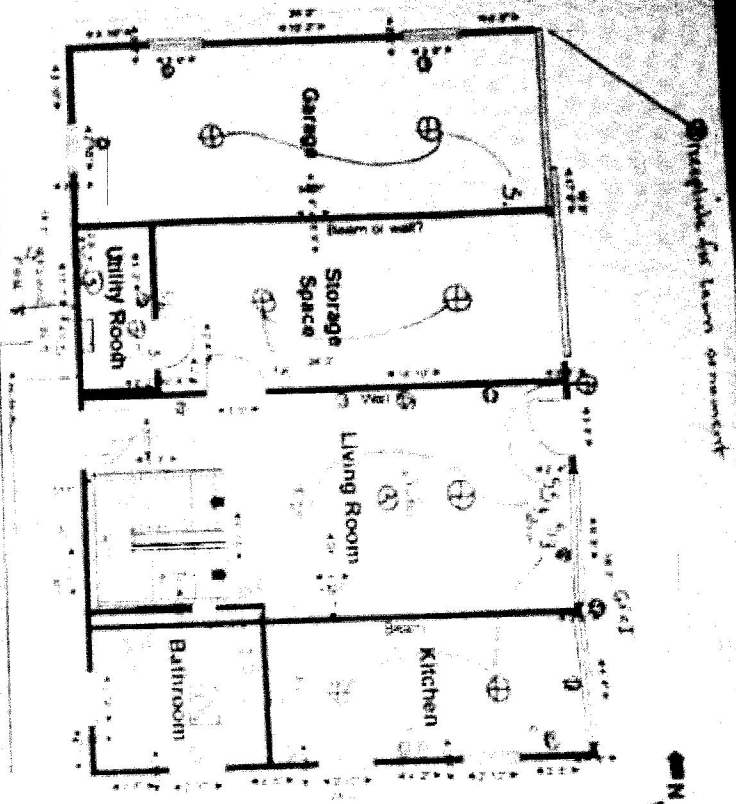
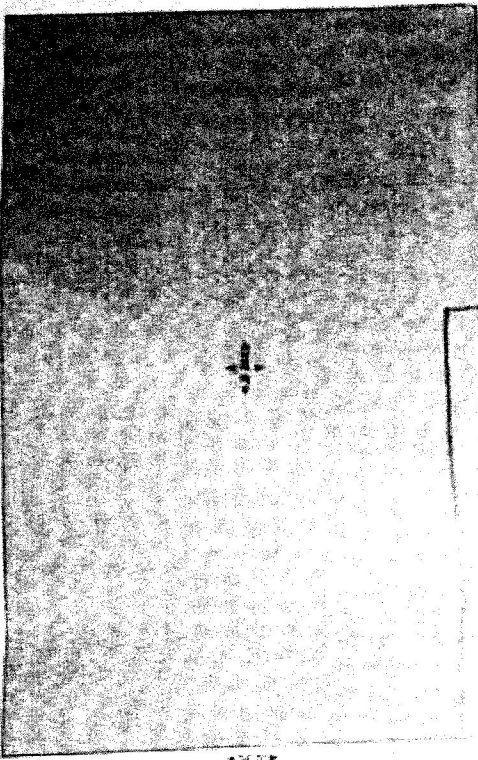


ELECTRICAL DESIGN



New Foo

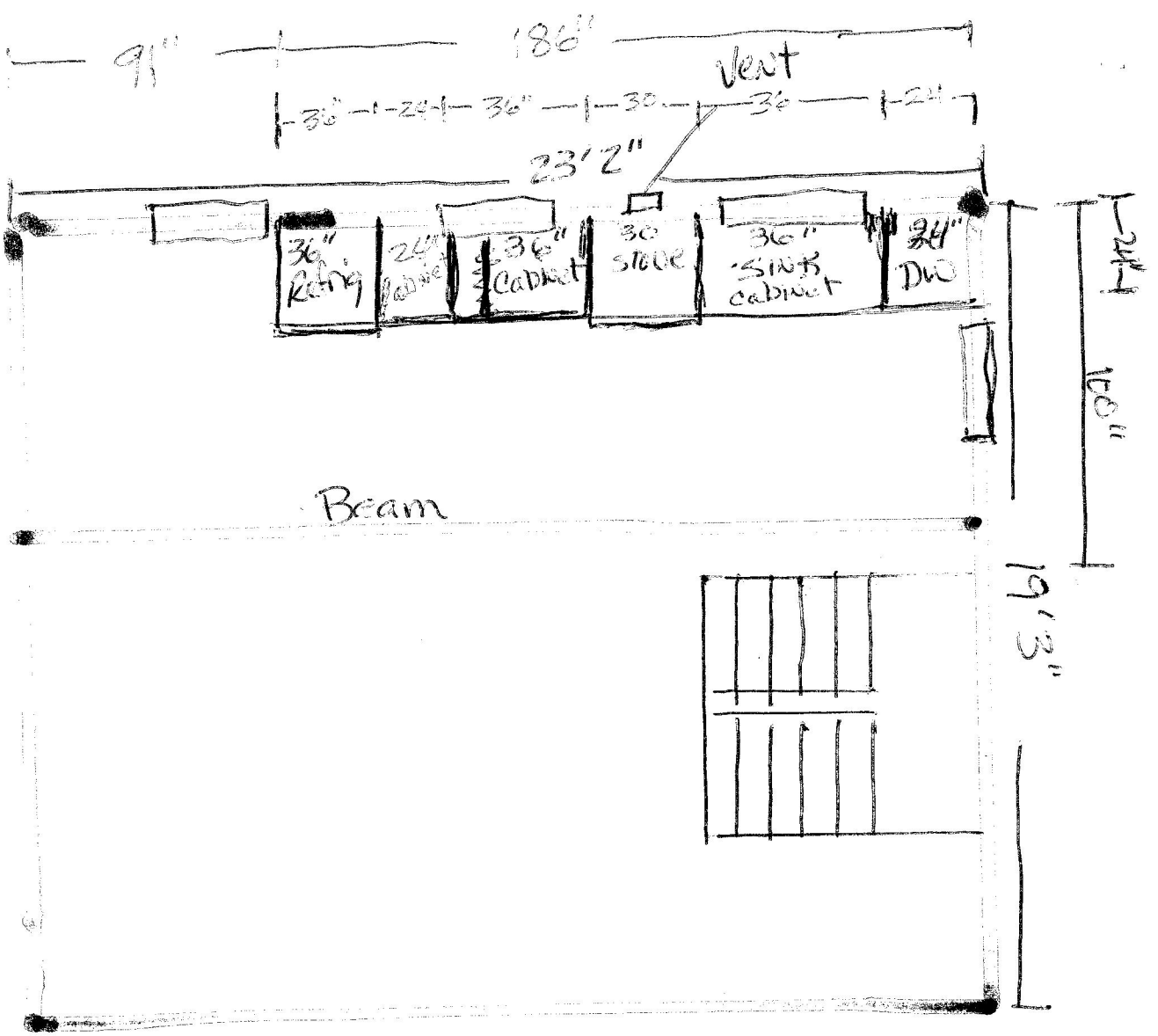
ELECTRICAL DESIGN



First floor New Footprint

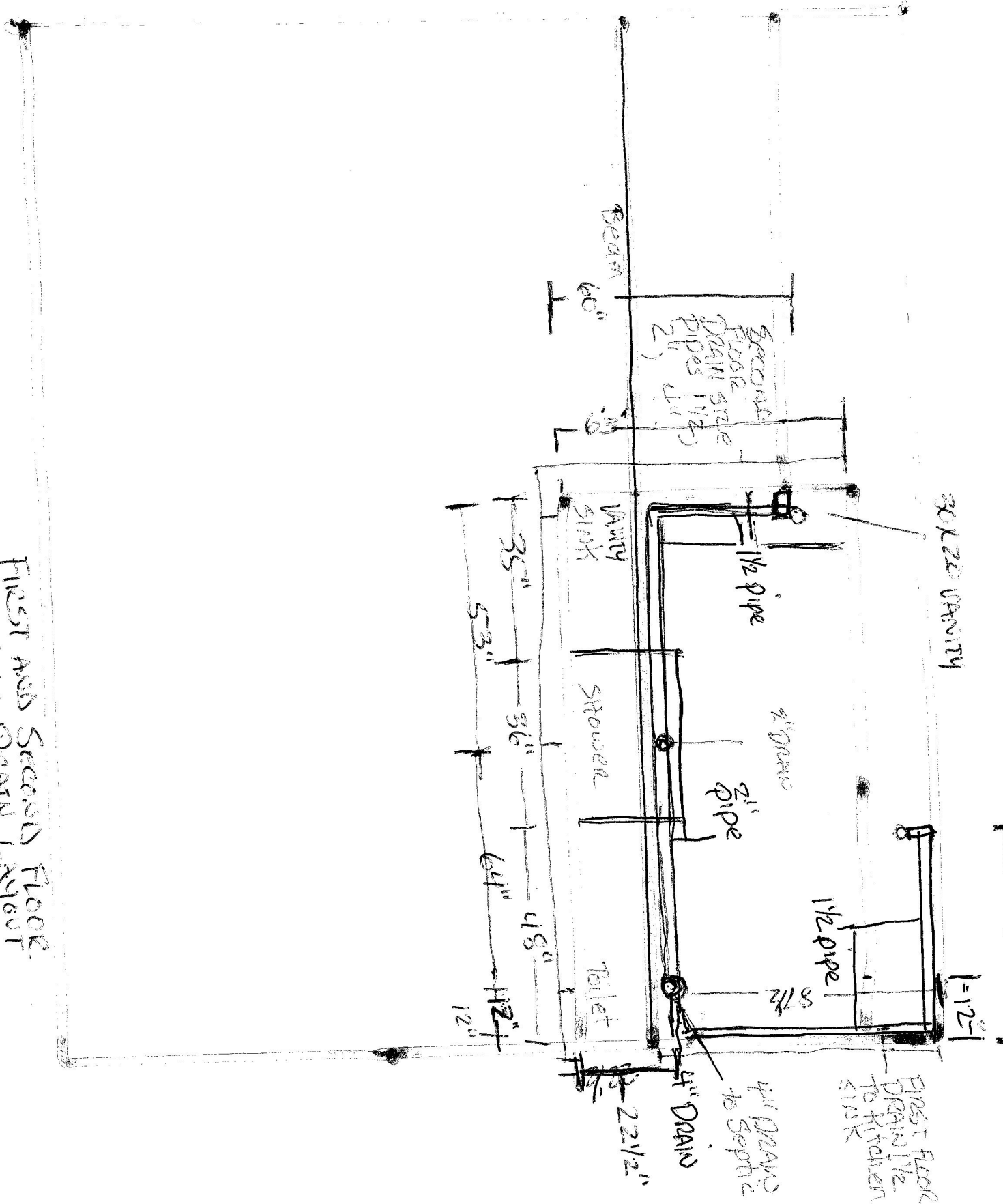
Scale 1/4" = 1.0 ft.

- - Switch
- - Double Switch
- - Single pole switch
- - 2-pole switch
- - 3-pole switch
- - 4-pole switch
- - 5-pole switch
- - 6-pole switch
- - 7-pole switch
- - 8-pole switch
- - 9-pole switch
- - 10-pole switch
- - 11-pole switch
- - 12-pole switch
- - 13-pole switch
- - 14-pole switch
- - 15-pole switch
- - 16-pole switch
- - 17-pole switch
- - 18-pole switch
- - 19-pole switch
- - 20-pole switch



Kitchen Layout

FIRST AND SECOND FLOOR
PLUMBING DRAIN LAYOUT



◀ 19' 3" ▶

◀ 10' 0" ▶

Closet

Deadspace

Deadspace

30" BARS DOOR

30x28 VANITY

36" Shower

Bathroom

8'0"

Deadspace

23'2"

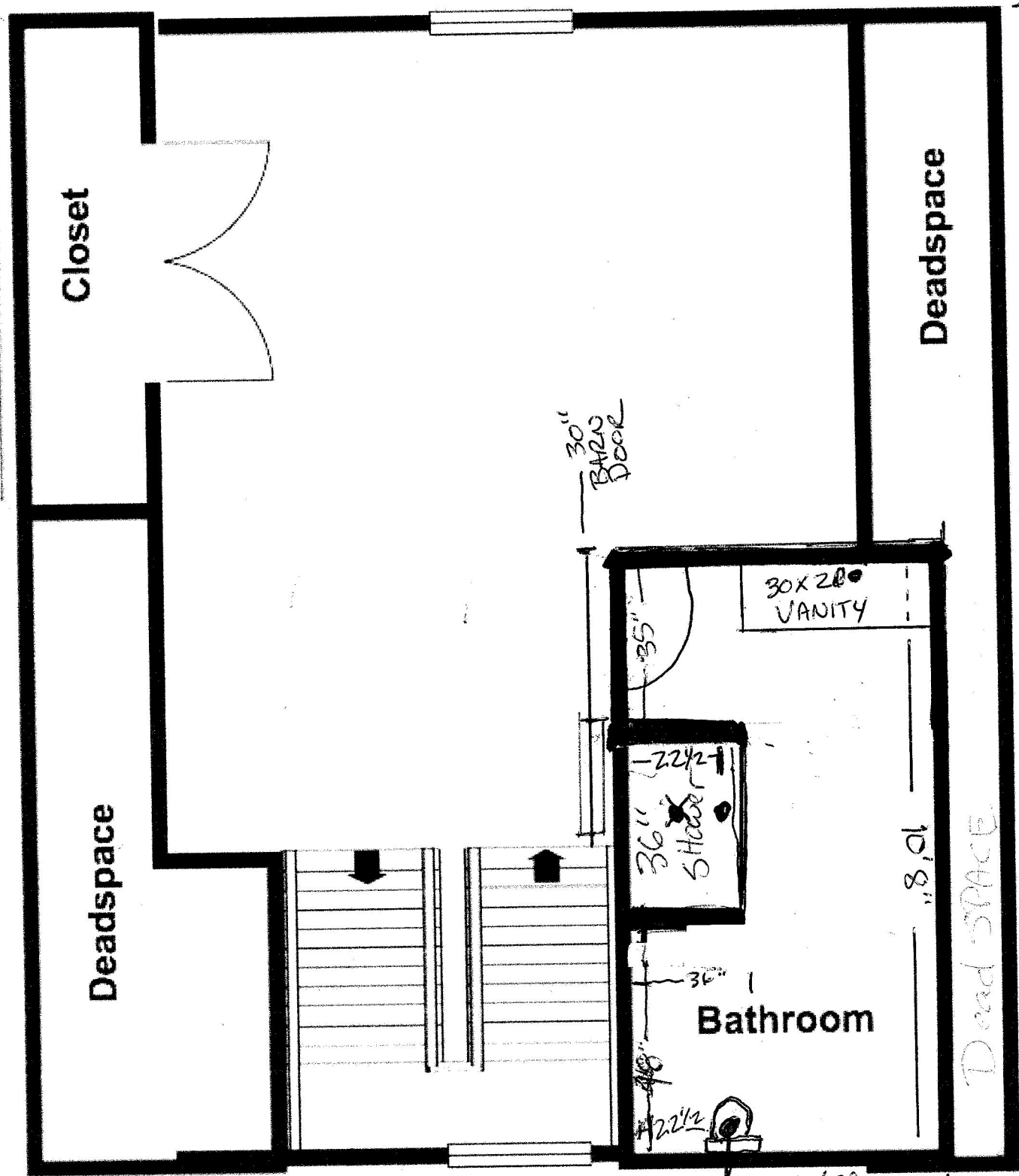
Toilet

6'3"

Bathroom Blue Print layout

8'5"

22'12"



New Hampshire
Residential Energy Code Application
 for Certification of Compliance for New Construction, Additions and/or Renovations
 (EC-1 Form)
 Minimum Provisions Effective Date: April 1, 2010

Owner/Owner Builder: Company Name: (if applicable)			General Contractor: Company Name:		
Name: <u>Victoria George</u>			Name: <u>Dean Sellers</u>		
Mail Address: <u>23 FREEMAN RD.</u>			Mail Address: <u>1977 CONNECTICUT RIVER RD.</u>		
Town/City: <u>PLAINFIELD</u>	State: <u>NH</u>	Zip:	Town/City: <u>SPRINGFIELD</u>	State: <u>VT</u>	Zip: <u>05156</u>
Phone: _____	Cell: <u>414-708-8145</u>		Phone: _____	Cell: <u>802-738-4900</u>	
E-Mail: <u>umgconsults@aol.com</u>			E-Mail: _____		
Location of Proposed Structure:			Type of Construction:		
Tax Map #: <u>259</u>		Lot #: <u>23</u>	<input checked="" type="radio"/> Residential <input type="radio"/> Small Commercial <input type="radio"/> New Building <input checked="" type="radio"/> Renovation <input type="radio"/> Addition <input type="radio"/> Thermally Isolated Sunroom <input type="radio"/> Modular Home: the site contractor must submit this form detailing supplementary rooms and Floor and/or Basement insulation unless the floor insulation is installed or provided by the manufacturer and no heated space is added.		
Street: <u>23 Freeman Rd.</u>					
Town/City: <u>PLAINFIELD NH.</u>	County: <u>SULLIVAN</u>				
Zone 5 <input type="radio"/> Cheshire, Hillsborough, Rockingham or Strafford except the town of Durham Zone 6 <input checked="" type="radio"/> All other counties and the town of Durham			Total New Conditioned* Floor Area:		
			<u>800</u> ft ²		
Heating System: (if new system is being installed)			Basement or Crawl Space: (*a conditioned space is one being heated or cooled, containing un-insulated ducts or with a fixed opening into a conditioned space. Walls must be insulated)		
Annual Fuel Use Efficiency (AFUE): _____ %			Conditioned? <input checked="" type="radio"/> Yes (Walls must be insulated) <input type="radio"/> No		
Fuel Type(s): <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane (LP)			<input type="checkbox"/> Full Basement <input type="checkbox"/> Walk Out Basement		
<input type="checkbox"/> Electric <input type="checkbox"/> Wood <input type="checkbox"/> Other _____			<input checked="" type="checkbox"/> Slab on Grade <input type="checkbox"/> Other _____		
Heating System Type: <input type="checkbox"/> Hot Water <input checked="" type="checkbox"/> Hot Air					
<input type="checkbox"/> Stove <input type="checkbox"/> Resistance <input type="checkbox"/> Heat Pump <input type="checkbox"/> Geothermal					
Structure is EXEMPT because:			Form Submitted by:		
<input type="checkbox"/> Mobile Home <input type="checkbox"/> On an historic register			<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Builder <input checked="" type="checkbox"/> Designer <input type="checkbox"/> Other _____		
<input type="checkbox"/> Low energy use (less than 1 watt/ ft ²)			Architects must certify plans meet code; no form required		

02/11

I hereby certify that all the information contained in this application is true and correct, and construction shall comply in all respects with the terms and specifications of the approval given by the Public Utilities Commission and with the New Hampshire Code for Energy Conservation in New Building Construction.

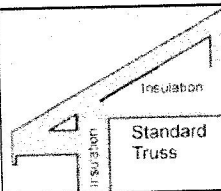
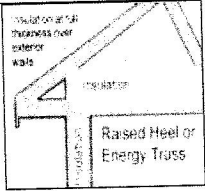
Signature *Dean Sellers* Print Name DEAN SELLARS Date 03/5/20

Official Use Only	
Date Complete Application Received:	Approved by: _____ Date: _____
Approval Number:	Stamp:
	Reason: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> Other: _____
	Notice: <input type="checkbox"/> e-mail <input type="checkbox"/> vm Date: _____

Directions: Complete the "Your Proposed Structure" columns. No measurements or calculations are needed. If you at least meet the New Hampshire Energy Code requirements, your project will be approved. Write N/A in any section that does not apply to your project. **Submit pages 1 and 2 only.** If your planned structure cannot meet these requirements, consider downloading REScheck from <http://www.energycodes.gov/rescheck/download.stm> and use trade-offs to prove compliance.

You are encouraged to build with higher R-values and lower U-values than you report here. The "Required R or U Values" are the worst permitted in NH.

YOUR PROPOSED STRUCTURE

Building Section	Required R or U Values	Write in U-Value	Write in R-Value	Brands / Models / insulation type and thickness (if known)
Window U Factor <small>(lower U is better)</small>	U .35 (maximum) U-.31 (if log walls) U .50 (Thermally Isolated Sunrooms only)	U .35		Window Type: <input checked="" type="checkbox"/> Low-e <input type="checkbox"/> Low-e Argon Check if: <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls
Skylights	U .60			
Flat Ceilingⁱ <i>or</i> Flat Ceiling with Raised or Energy Trusses R-value	  R-38 (Zone 5) R-49 (Zone 6) if using the above construction technique R-30 (Zone 5) R-38 (Zone 6) if maintaining the full R value over the plates		R-38	NOTE: R-38 will be deemed to satisfy the requirement for R-49 if the full R-38 insulation value is maintained over the outside plates. If using only R-30 (Zone 5) or R-38 (Zone 6), you must certify that you'll maintain R-38 over the plates by checking the box below. <input checked="" type="checkbox"/> By checking this box, I certify that this structure is being built with a raised energy truss or that the full R-value of the ceiling insulation will be maintained over the outside plates.
Sloped or Cathedral Ceiling	R-30 or 38 if more than 500 ft sq or 20% of total ceiling area R-24 (Thermally Isolated Sunrooms only)		R 38	<input type="checkbox"/> Check if Sunroom
Above Grade Wallⁱⁱ R-value	R-20 Cavity Insulation only <i>or</i> R-13 plus R-5 Cavity <i>plus</i> Continuous Insulation R-13 (Thermally Isolated Sunrooms only)		R-21	Log walls must comply with ICC400, have an average minimum wall thickness of 5" or greater and must have overall glazing of U-.31 or lower and heating AFUE of 90% (gas) or 84% (oil) and meet all other energy code requirements. Check if <input type="checkbox"/> Sunroom <input type="checkbox"/> Log Walls
Door U-Value	U .35 (maximum)	U .35		
Floor R Value <small>(Basement ceiling)</small>	R-30 <i>or</i> Insulation sufficient to fill joist cavity			
Basement or Crawl Space Wall R Value	R-13 Cavity Insulation <i>or</i> R-10 Continuous Insulation (Zone 5) R-19 Cavity Insulation <i>or</i> R-15 Continuous Insulation (Zone 6)		R-10	If conditioning the basement you must insulate Basement Walls . If not, you may insulate either Floor or Basement Walls and/or Slab Edge
Slab Edgeⁱⁱⁱ R Value	R-10 2' (Zone 5) 4' (Zone 6) (see drawing pg 3) <i>add R-5</i> if the Slab is heated		R-10	
Air Sealing	Planned Air Sealing Test Method → By checking this box, I certify that I understand that I have two approaches to demonstrating compliance with air sealing requirements.	<input type="checkbox"/> Blower Door <input checked="" type="checkbox"/> Visual Inspect		The visual inspection certification must be consistent with the requirements of Table 402.4.2 (page 4) and the method of compliance planned and approved by the local jurisdiction

Submit pages 1 and 2 to: NH Public Utilities Commission, 21 South Fruit Street Ste 10, Concord NH 03301

Fax: 603.271.3878 e-mail: energycodes@puc.nh.gov

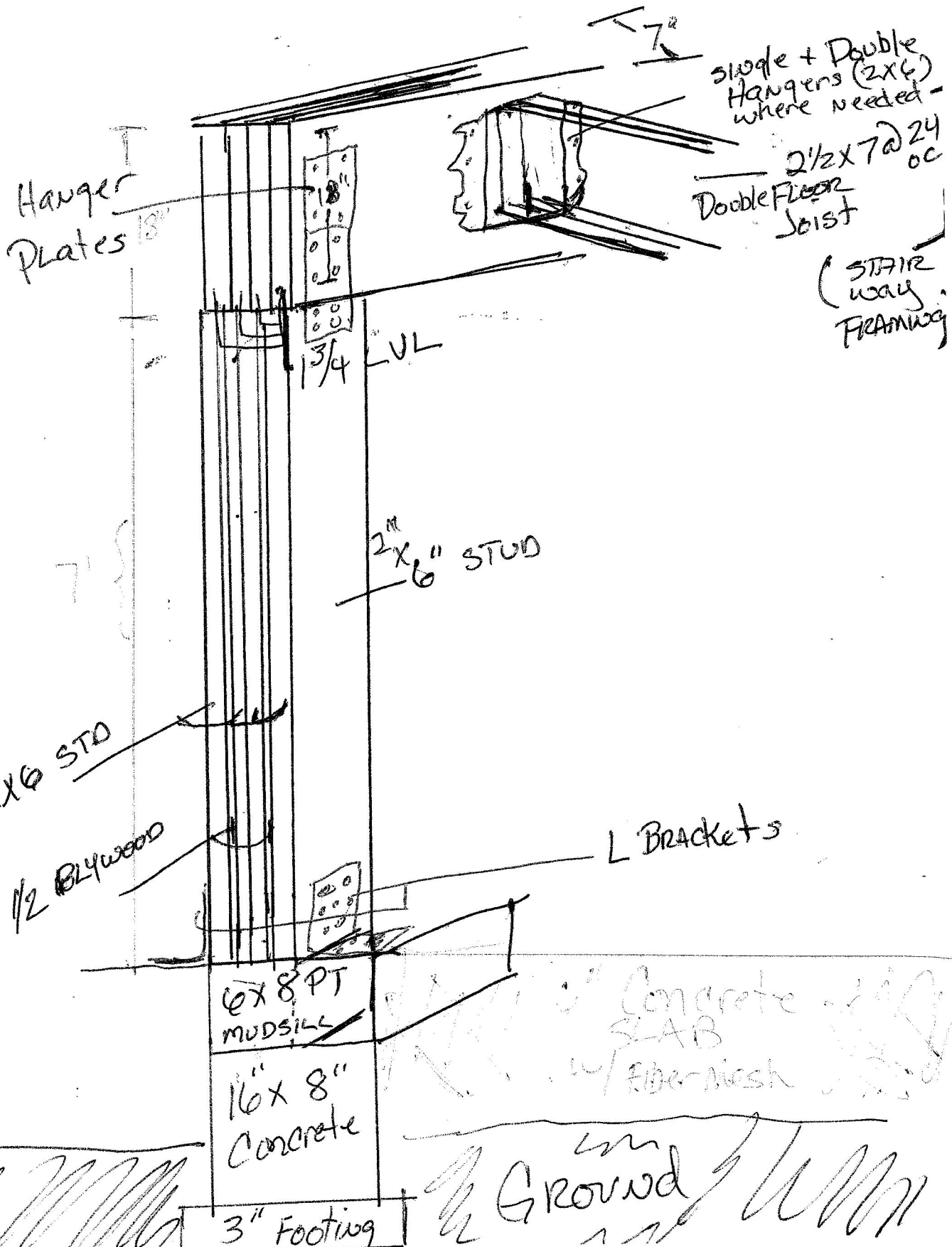
March 5th 2020

BRAD —

I HOPE I HAVE EVERYTHING that YOU
NEED TO ALLOW ME TO START BACK
UP ON MARCH 9th 2020. IF YOU HAVE
ANY QUESTIONS ON THE DESIGNS THAT
I HAVE DONE, OR NEED CHANGES, I
AM SURE I CAN MAKE IT FOR YOU!
PLEASE CONTACT ME @ 802-738-4900

thank you
Dean Selass

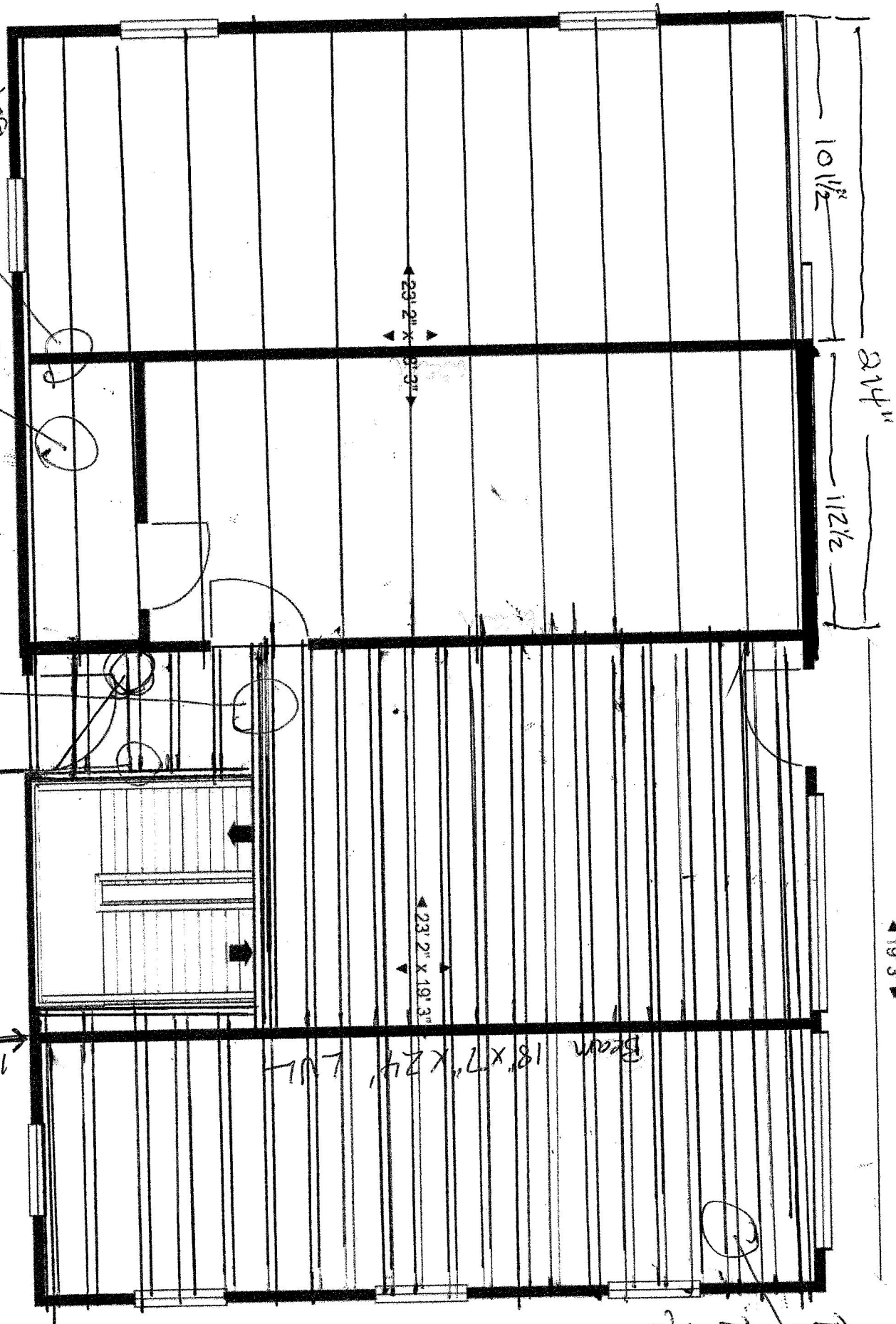
18" x 7" x 24' Beam



SCISSOR
Hangers
2x8 @ 16" OC
Sludg
ceiling over wall
Joist

Triple
Hangers
Joist

Beam
LVL
18" x 7' x 24"



FRAMING - FLOOR JOIST BLUE PINK 1

200 FLOOR

Double
Hangers
2x7
Double
Joist
24 OC

23' 2"

19' 3"

10 1/2"

8' 1/4"

11' 1/2"

23' 2" x 9' 3"

23' 2" x 19' 3"