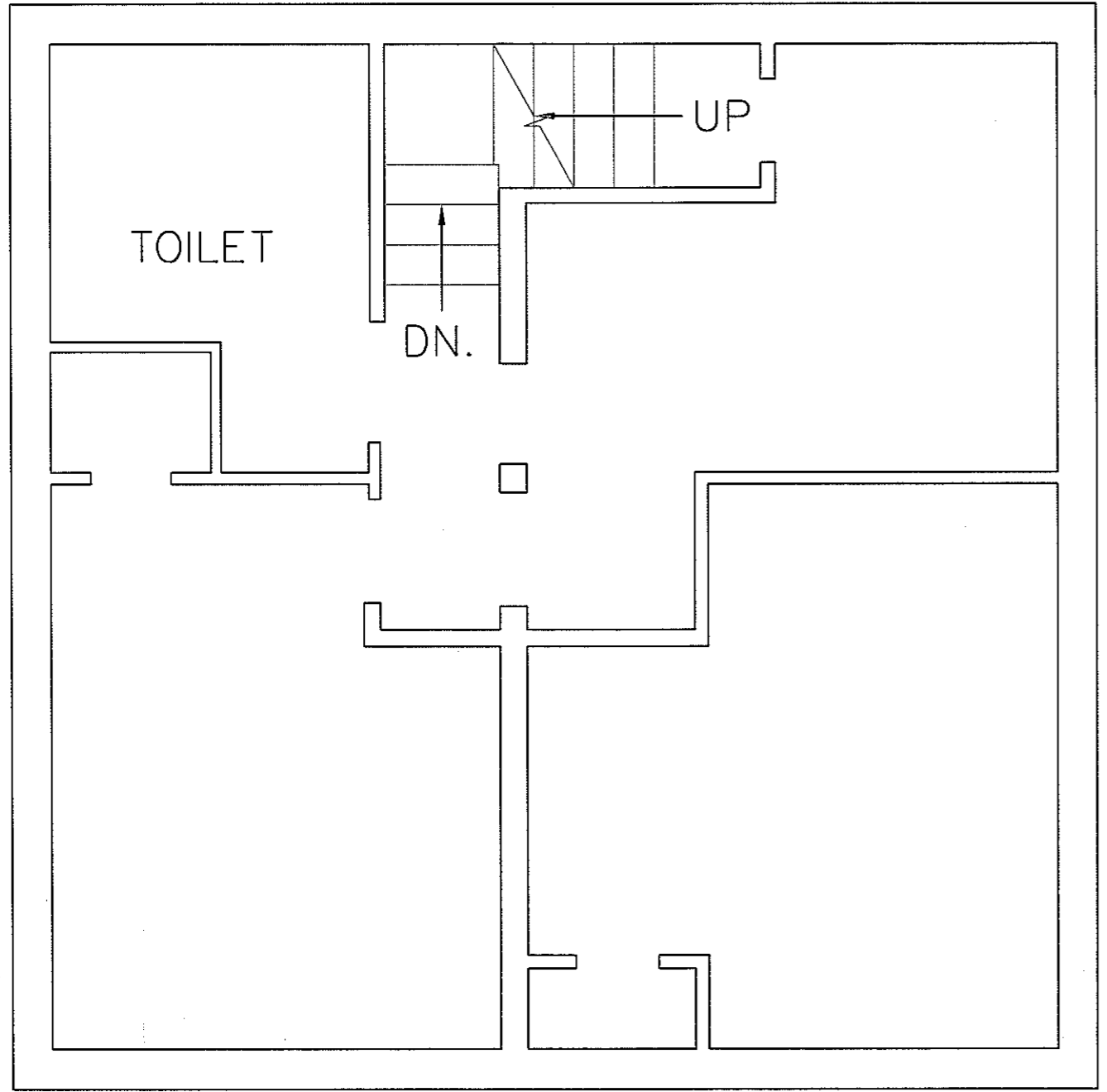
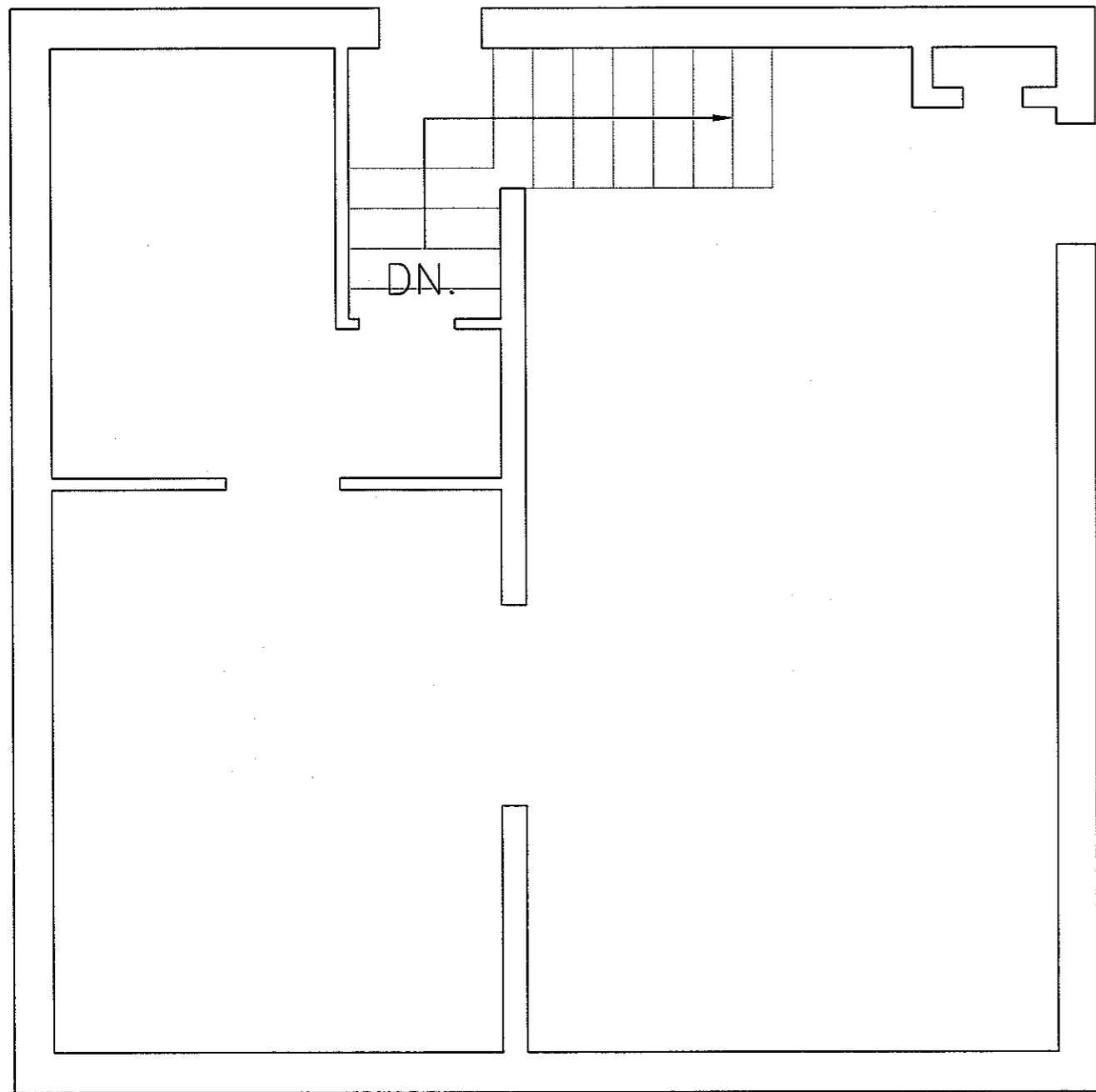
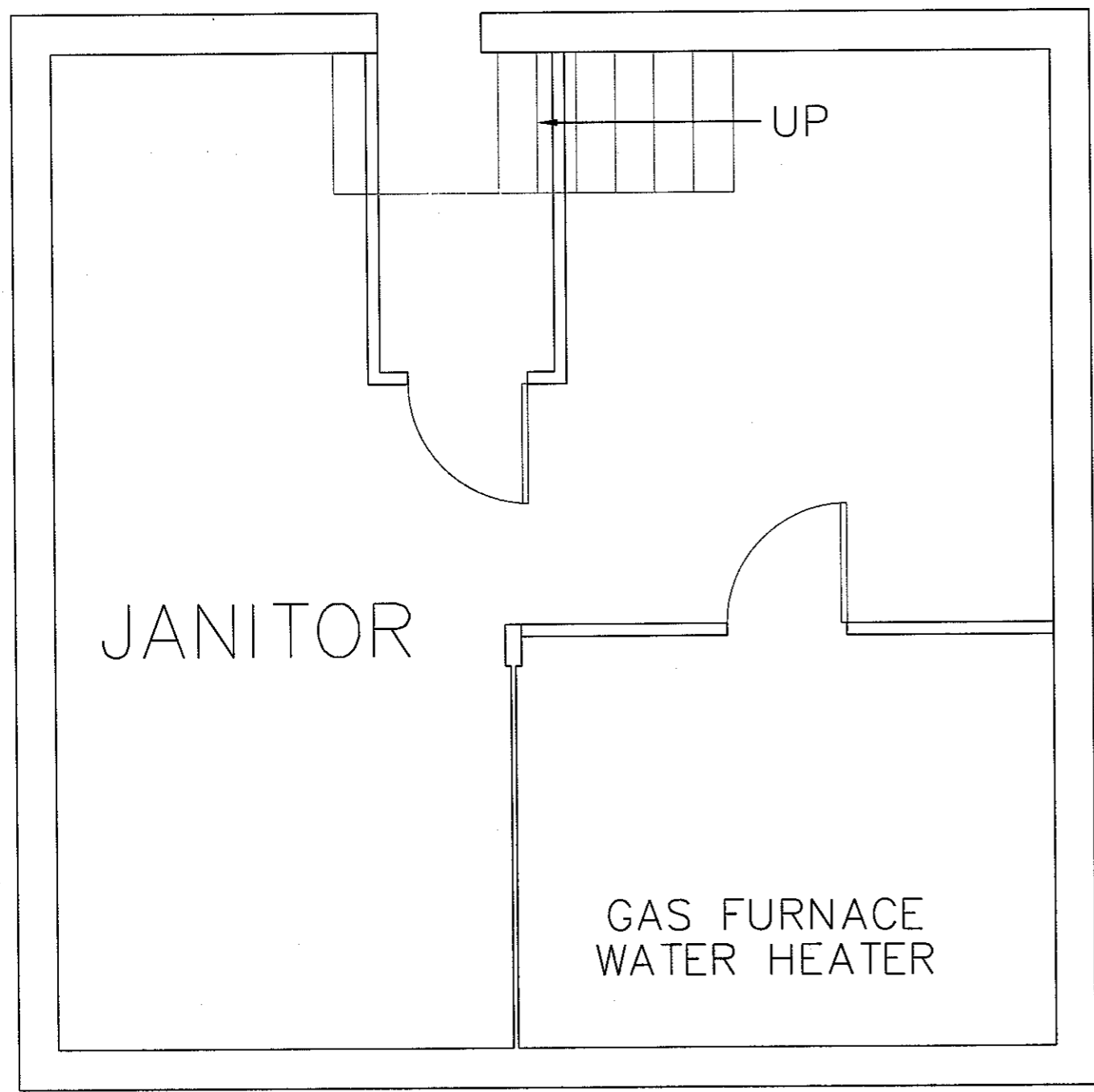


NO SPECIFIC AREAS
NEED IMMEDIATE ATTENTION.
RECAULKING OF WINDOWS WOULD
BE SUFFICIENT, BUT NOT ABSOLUTELY
NECESSARY.

205 S. Goodwin
Atmospheric Sciences
annex







Assessment Checklist

To be completed by: Team RUDOLPH, ATHENA, RAPHAEL
 Deadline: 11/18/2011

Done?	Lighting	Notes
YES	Check if outdoor lights are functional	ONE OUTDOOR LIGHT ON NORTH END OF BLOG IS FUNCTIONAL
YES	Note type of outdoor light	
YES	Are lights turned off when not in use?	
✓	What lights are left on overnight?	ONLY THE OUTDOOR LIGHT IS LEFT ON AND IT ONLY COMES ON AT NIGHT
✓	Are light fixtures clean? Missing shades? Or broken?	ALL LIGHTS ARE CLEAN
✓	Are there any incandescent bulbs that require CFL replacement?	No

Done?	Windows and Doors	Notes
✓	Check for drafts, and quality of weather stripping	WINDOWS COULD USE NEW CAULKING OR SEALANTS BUT OVERALL, THEY AREN'T TOO DRAFTY.
✓	Note on blueprints areas in need of weather stripping	

Done?	Water	Notes
✓	Check if faucet aerators are installed, note where they are not	NO FAUCETS BESIDES BATHROOM FAUCETS WHICH DON'T HAVE AERATORS.
✓	Check if any toilets leak or run constantly	NO LEAKS, NO CONSTANT RUNNING
✓	Check if boiler pipes are insulated	NO BOILER. THE BUILDING USES CENTRAL AIR.

Done?	Refridgerator/Freezer	Notes
✓	Check brand/model of refrigerator, and Kw it takes	NO REFRIDGERATOR OR FREEZER
✓	Is the freezer a top mount or side-by-side?	IN BUILDING
✓	Does freezer have an ice/water dispenser on door?	

	Note temperature of fridge and freezer
	check if gaskets are tight
	Is it an EPA energy Star appliance?
	Are any mini-fridges used? Note number
	Do any have an interior mounted freezer?
	Note cubic feet of mini fridges

N/A

Done?	Electronics	Notes
	Which electronics are left on, or in sleep mode overnight?	TWO COMPUTERS AND A PRINTER/SCANNER ARE LEFT ON AND IN SLEEP MODE
	Are they unplugged when not in use?	OTHER APPLIANCES (COFFEE MAKER) STAY UNPLUGGED
	Note if power strips are used	POWER STRIPS ARE USED FOR ITEMS LEFT ON (COMPUTERS)
	Are power strips unplugged when not in use?	NO , THEY ARE ALWAYS PLUGGED IN.
	Use Kill-A-Watt meter to determine energy usage of electronics	OTHER THAN COMPUTERS, NO OTHER APPLIANCES ARE PLUGGED IN THAT
	Check for space heaters, and note locations	NO SPACE HEATERS, BUT AC UNITS ARE CONSTANTLY PLUGGED IN, BUT NEVER USED

Done?	Air Ducts and Air System	Notes
✓	Check if air vents are obstructed	NO OBSTRUCTIONS
✓	Note if vents are clean	VENTS ARE CLEAN
✓	Ask if filters has been changed	BUILDING VENTS ARE PROPRIETOR WAS UNWARE OF THE LAST TIME THEY WERE CHANGED
✓	Find out its schedule of replacement, and who is responsible	SHE HAD NOT KNOWN THE SCHEDULE OF REPLACEMENT, BUT THERE ARE NEW AIR FILTERS READY TO BE INSTALLED WHICH LEADS ME TO BELIEVE THAT THEY ARE REGULARLY MAINTAINED

100-401870-1072

TO: Thomas Ferrarell

Tel: 8473933983

From: Stephanie Choi

Tel: 217 418 9176

Re: Weatherization documents

* To be picked up later today.

12/2/2011

* watt usage in the back sheet

Assessment Checklist

Ji'axiu Lin

To be completed by: Team WUSA

Deadline: 11/18/2011

Done?	Lighting	Notes
<input type="checkbox"/>	Check if outdoor lights are functional	
<input type="checkbox"/>	Note type of outdoor light	
<input type="checkbox"/>	Are lights turned off when not in use?	
<input type="checkbox"/>	What lights are left on overnight?	
<input type="checkbox"/>	Are light fixtures clean? Missing shades? Or broken?	
<input type="checkbox"/>	Are there any incandescent bulbs that require CFL replacement?	Yes

Done?	Windows and Doors	Notes
<input type="checkbox"/>	Check for drafts, and quality of weather stripping	
<input type="checkbox"/>	Note on blueprints areas in need of weather stripping	

Done?	Water	Notes
<input type="checkbox"/>	Check if faucet aerators are installed, note where they are not	
<input type="checkbox"/>	Check if any toilets leak or run constantly	
<input type="checkbox"/>	Check if boiler pipes are insulated	

Done?	Refridgerator/Freezer	Notes
<input type="checkbox"/>	Check brand/model of refrigerator, and Kw it takes	
<input type="checkbox"/>	Is the freezer a top mount or side-by-side?	
<input type="checkbox"/>	Does freezer have an ice/water dispenser on door?	

	Note temperature of fridge and freezer
	check if gaskets are tight
	Is it an EPA energy Star appliance?
	Are any mini-fridges used? Note number
	Do any have an interior mounted freezer?
	Note cubic feet of mini fridges

Done?	Electronics	Notes
	Which electronics are left on, or in sleep mode overnight? *	MP Coffee Maker 1.2 watt, 122.9 volt, .1 amp ↳ not plugged in due to lack of outlet space
	Are they unplugged when not in use?	GE Microwave 5.7 watt, 60 Hz, .69 pF, 122.7 volt
	Note if power strips are used	Keurig Coffee maker 3.1 watt, 123 volt, .03 amp
	Are power strips unplugged when not in use?	Panasonic Microwave 123.6 watt, .05 amp, 4.1 watt
	Use Kill-A-Watt meter to determine energy usage of electronics	GE toaster 123.6 volt, 0 amp, 0 watt ↳ not plugged in due to lack of outlet space
	Check for space heaters, and note locations	

Done?	Air Ducts and Air System	Notes
	Check if air vents are obstructed	Dell computers
	Note if vents are clean	Monitor: 133.123 volts, .35 amp, 23.5
	Ask if filters has been changed	GPU: 123 volt, .09 amp, 6.4 watt, 60 Hz
	Find out its schedule of replacement, and who is responsible	

Assessment Checklist

To be completed by: Team CUSIA
 Deadline: 11/18/2011

Done?	Lighting	Notes
<input checked="" type="checkbox"/>	Check if outdoor lights are functional	NA
<input checked="" type="checkbox"/>	Note type of outdoor light	NA
<input checked="" type="checkbox"/>	Are lights turned off when not in use?	None, except for 1 room
<input checked="" type="checkbox"/>	What lights are left on overnight?	Most are clean & in working order. Basement lights det need replacing
<input checked="" type="checkbox"/>	Are light fixtures clean? Missing shades? Or broken?	Yes
<input checked="" type="checkbox"/>	Are there any incandescent bulbs that require CFL replacement?	

Done?	Windows and Doors	Notes
<input checked="" type="checkbox"/>	Check for drafts, and quality of weather stripping	Some windows had inefficient storm windows
<input checked="" type="checkbox"/>	Note on blueprints areas in need of weather stripping	

Done?	Water	Notes
<input checked="" type="checkbox"/>	Check if faucet aerators are installed, note where they are not	NO aerator in 2009 bathroom
<input checked="" type="checkbox"/>	Check if any toilets leak or run constantly	NO leaking toilets
<input checked="" type="checkbox"/>	Check if boiler pipes are insulated	NO access to boiler room

Done?	Refridgerator/Freezer	Notes
<input checked="" type="checkbox"/>	Check brand/model of refrigerator, and Kw it takes	Kennmore mini fridge
<input checked="" type="checkbox"/>	Is the freezer a top mount or side-by-side?	NA
<input checked="" type="checkbox"/>	Does freezer have an ice/water dispenser on door?	NA

<input checked="" type="checkbox"/>	Note temperature of fridge and freezer	Temp on low setting (saves energy) good gaskets NA 1 yes aprox 2-3
<input checked="" type="checkbox"/>	check if gaskets are tight	
<input checked="" type="checkbox"/>	Is it an EPA energy Star appliance?	
<input checked="" type="checkbox"/>	Are any mini-fridges used? Note number	
<input checked="" type="checkbox"/>	Do any have an interior mounted freezer?	
<input checked="" type="checkbox"/>	Note cubic feet of mini fridges	

Electronics		Notes
<input checked="" type="checkbox"/>	Which electronics are left on, or in sleep mode overnight?	many camps left on our way
<input checked="" type="checkbox"/>	Are they unplugged when not in use?	yes, most were unplugged
<input checked="" type="checkbox"/>	Note if power strips are used	NO
<input checked="" type="checkbox"/>	Are power strips unplugged when not in use?	NA
<input checked="" type="checkbox"/>	Use Kill-A-Watt meter to determine energy usage of electronics	
<input checked="" type="checkbox"/>	Check for space heaters, and note locations	

Air Ducts and Air System		Notes
<input checked="" type="checkbox"/>	Check if air vents are obstructed	
<input checked="" type="checkbox"/>	Note if vents are clean	
<input checked="" type="checkbox"/>	Ask if filters has been changed	NA
<input checked="" type="checkbox"/>	Find out its schedule of replacement, and who is responsible	

Assessment Checklist

To be completed by: Team Students for Environmental Concerns
 Deadline: 11/18/2011

Done?	Lighting	Notes
	Check if outdoor lights are functional	
	Note type of outdoor light	
	Are lights turned off when not in use?	
	What lights are left on overnight?	
	Are light fixtures clean? Missing shades? Or broken?	
	Are there any incandescent bulbs that require CFL replacement?	

Done?	Windows and Doors	Notes
X	Check for drafts, and quality of weather stripping	
X	Note on blueprints areas in need of weather stripping	

Done?	Water	Notes
X	Check if faucet aerators are installed, note where they are not	
X	Check if any toilets leak or run constantly	
X	Check if boiler pipes are insulated	

Done?	Refridgerator/Freezer	Notes
X	Check brand/model of refrigerator, and Kw it takes	
X	Is the freezer a top mount or side-by-side?	Huier, 1.5ft3; Kenmore 5ft3; Absco 1.5ft3
X	Does freezer have an ice/water dispenser on door?	side by side, all Nope

old
 Julie
 1.5ft3
 JF

Blower Electric Kennel, Absco cold
35°F, 38°

<input checked="" type="checkbox"/>	Note temperature of fridge and freezer
<input checked="" type="checkbox"/>	check if gaskets are tight
<input type="checkbox"/>	Is it an EPA energy Star appliance?
<input checked="" type="checkbox"/>	Are any mini-fridges used? Note number
<input type="checkbox"/>	Do any have an interior mounted freezer?
<input checked="" type="checkbox"/>	Note cubic feet of mini fridges

2

n opa
1.5ft³ + 5ft³ + 1.5ft³

Done?	Electronics	Notes
<input checked="" type="checkbox"/>	Which electronics are left on, or in sleep mode overnight?	Printer Typewriter 15 watts, left plugged in, 1
<input checked="" type="checkbox"/>	Are they unplugged when not in use?	None
<input checked="" type="checkbox"/>	Note if power strips are used	3 in 102, 2 in 101, 1 in 8, 3 in 4, 1 in 5, 6 in 6
<input checked="" type="checkbox"/>	Are power strips unplugged when not in use?	All left plugged in
<input type="checkbox"/>	Use Kill-A-Watt meter to determine energy usage of electronics	
<input type="checkbox"/>	Check for space heaters, and note locations	

Copy machine left full on
1 comp in lobby
1 in 101
2 in 4
9 in 6

Done?	Air Ducts and Air System	Notes
<input type="checkbox"/>	Check if air vents are obstructed	
<input type="checkbox"/>	Note if vents are clean	
<input type="checkbox"/>	Ask if filters has been changed	
<input type="checkbox"/>	Find out its schedule of replacement, and who is responsible	

The SECS Weatherization group used our thermal camera to look for potential problem areas in the Intensive English Institute building.

Most notable are the windows, almost all of which would benefit from caulking. The doors also allow some heat out of the building.

Not included in the blueprints, but a huge detriment to the building's envelope nonetheless, is the attic. We noted the windows not being firmly attached to the wall, and gaping holes in the floor, which should be addressed.

Assessment Checklist

To be completed by: Team _____

Deadline: 11/18/2011

Done?	Lighting	Notes
<input checked="" type="checkbox"/>	Check if outdoor lights are functional	All working
<input checked="" type="checkbox"/>	Note type of outdoor light	2 incandescent bulbs
<input checked="" type="checkbox"/>	Are lights turned off when not in use?	
<input checked="" type="checkbox"/>	What lights are left on overnight?	2 exterior front entrance, back stairs(2)
<input checked="" type="checkbox"/>	Are light fixtures clean? Missing shades? Or broken?	All are good
<input checked="" type="checkbox"/>	Are there any incandescent bulbs that require CFL replacement?	Lights in stairwells

Done?	Windows and Doors	Notes
<input checked="" type="checkbox"/>	Check for drafts, and quality of weather stripping	Noted
<input checked="" type="checkbox"/>	Note on blueprints areas in need of weather stripping	Noted

Done?	Water	Notes
<input checked="" type="checkbox"/>	Check if faucet aerators are installed, note where they are not	All except one faucet
<input checked="" type="checkbox"/>	Check if any toilets leak or run constantly	All are fine
<input checked="" type="checkbox"/>	Check if boiler pipes are insulated	Could not access

Done?	Refrigerator/Freezer	Notes
<input checked="" type="checkbox"/>	Check brand/model of refrigerator, and Kw it takes	Mini-kenmore (Noted) / Whirlpool Inglis
<input checked="" type="checkbox"/>	Is the freezer a top mount or side-by-side?	Top Mount
<input checked="" type="checkbox"/>	Does freezer have an ice/water dispenser on door?	No

<input checked="" type="checkbox"/>	Note temperature of fridge and freezer	
<input checked="" type="checkbox"/>	check if gaskets are tight	
<input checked="" type="checkbox"/>	Is it an EPA energy Star appliance?	Mini-Setting 4 / whirlpool-Setting 3
<input checked="" type="checkbox"/>	Are any mini-fridges used? Note number	Yes (noted on blueprints)
<input checked="" type="checkbox"/>	Do any have an interior mounted freezer?	Yes (1, Kenmore)
<input checked="" type="checkbox"/>	Note cubic feet of mini fridges	Yes 3 cubic feet

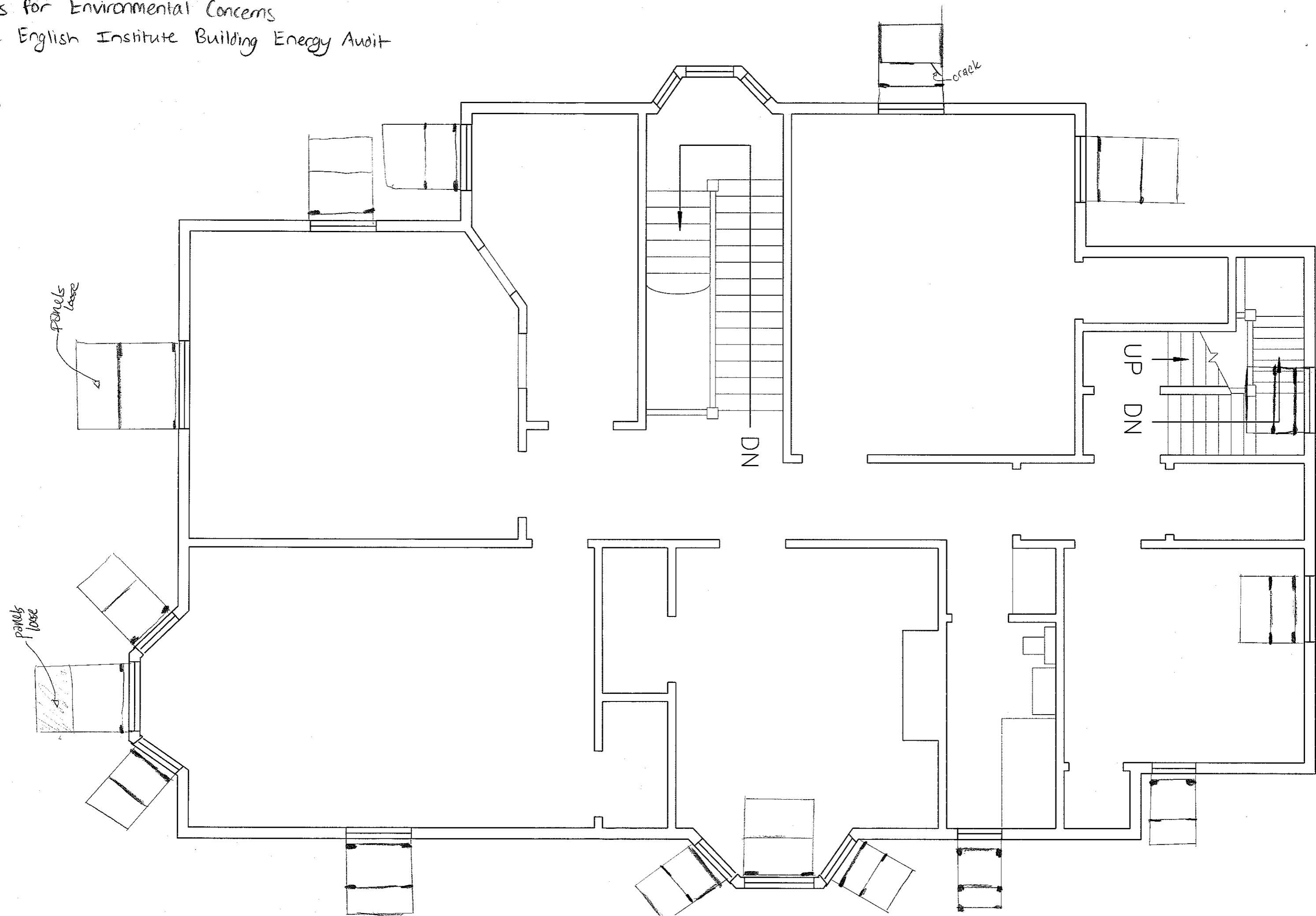
Done?	Electronics	Notes
<input checked="" type="checkbox"/>	Which electronics are left on, or in sleep mode overnight?	Noted on Blueprints
<input checked="" type="checkbox"/>	Are they unplugged when not in use?	Noted on Blueprints
<input checked="" type="checkbox"/>	Note if power strips are used	
<input checked="" type="checkbox"/>	Are power strips unplugged when not in use?	Some but not all
<input checked="" type="checkbox"/>	Use Kill-A-Watt meter to determine energy usage of electronics	
<input checked="" type="checkbox"/>	Check for space heaters, and note locations	

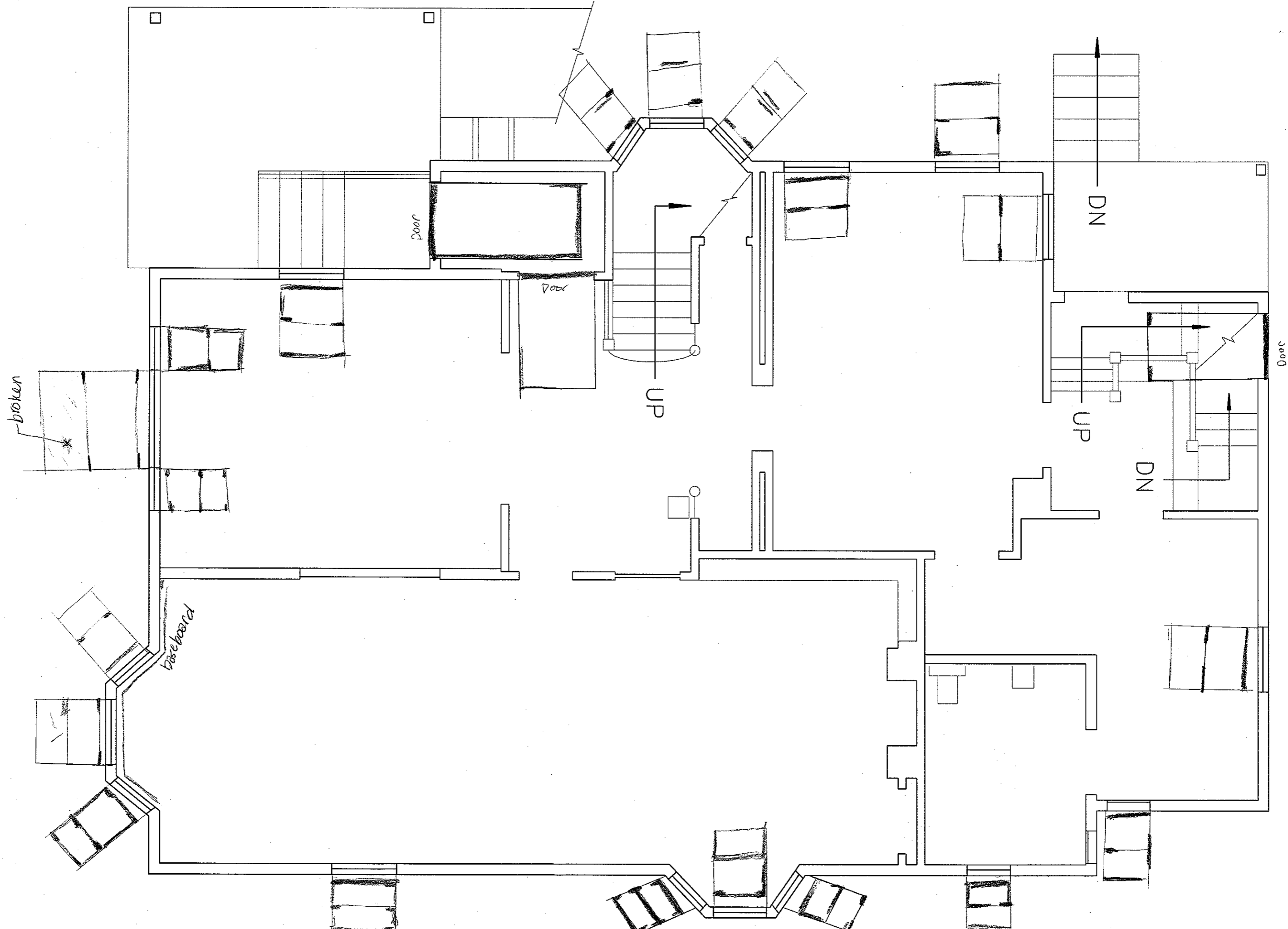
Done?	Air Ducts and Air System	Notes
<input checked="" type="checkbox"/>	Check if air vents are obstructed	Some by radiators
<input checked="" type="checkbox"/>	Note if vents are clean	
<input type="checkbox"/>	Ask if filters has been changed	
<input type="checkbox"/>	Find out its schedule of replacement, and who is responsible	

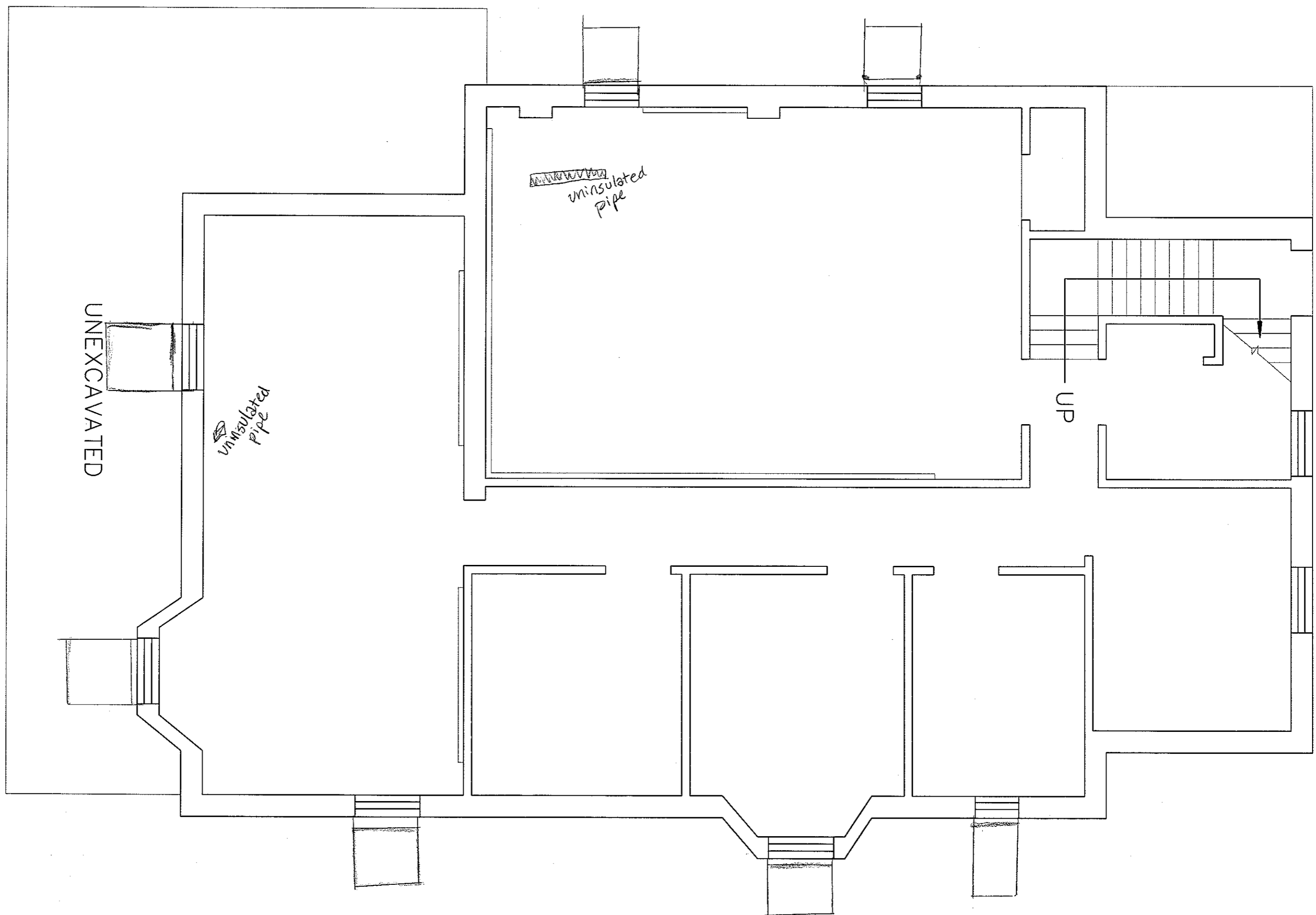
Students for Environmental Concerns
Intensive English Institute Building Energy Audit

11/17/11

• Windows





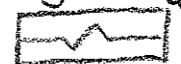



Students For Environmental Concerns


Intensive English Institute Building Energy Audit


11/17/11

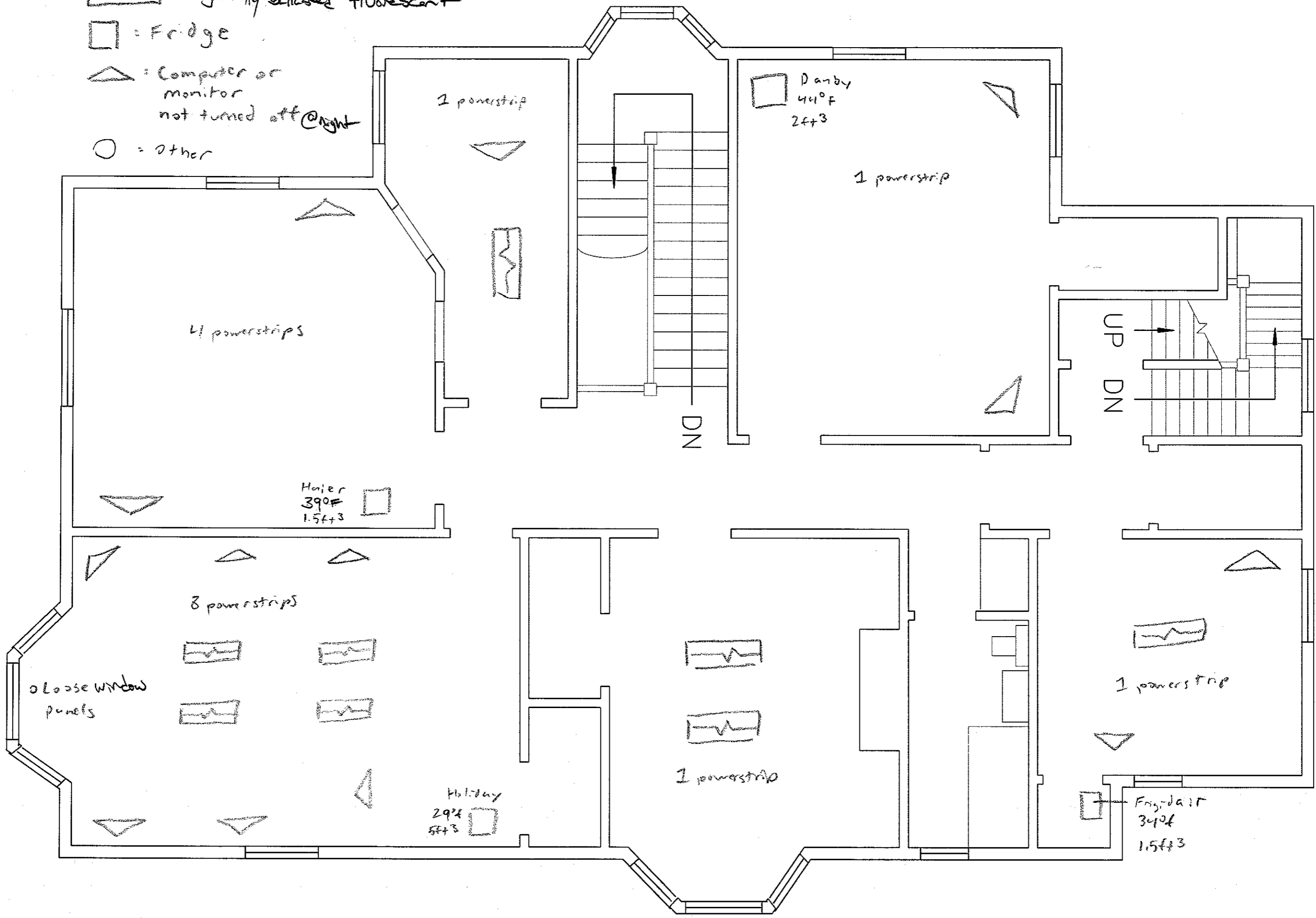
• Plugload

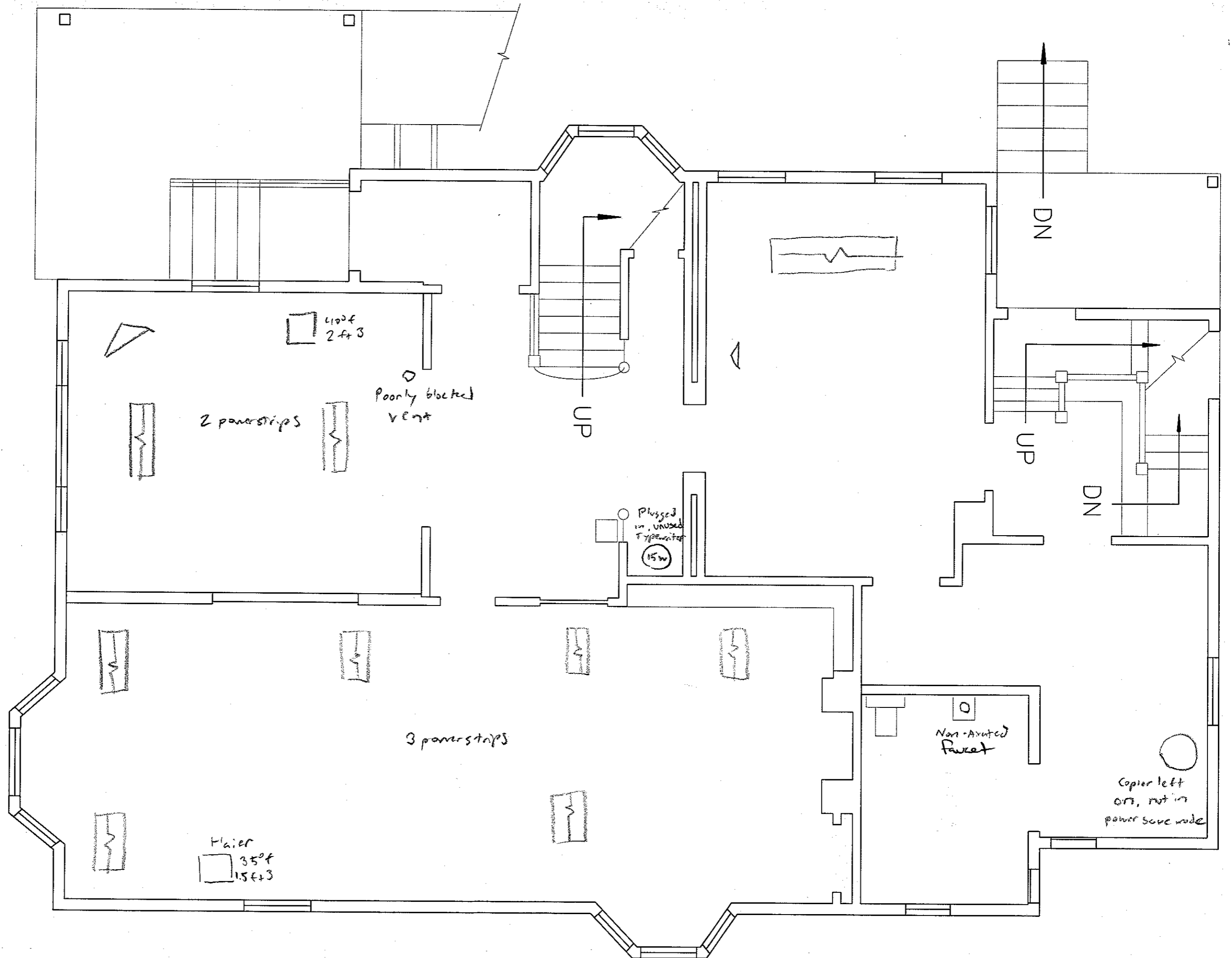
 = Magnetically ballasted fluorescent

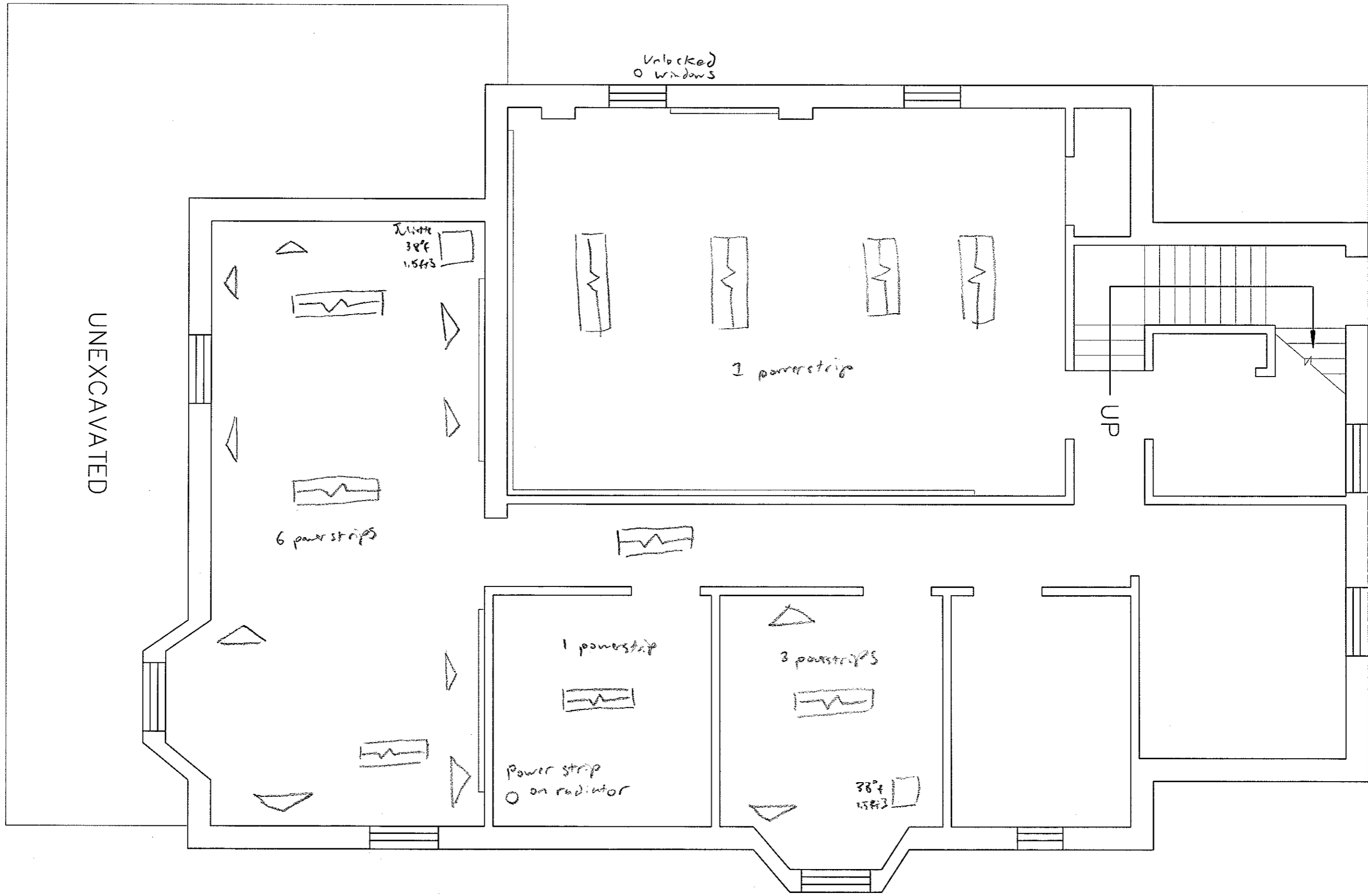
 = Fridge

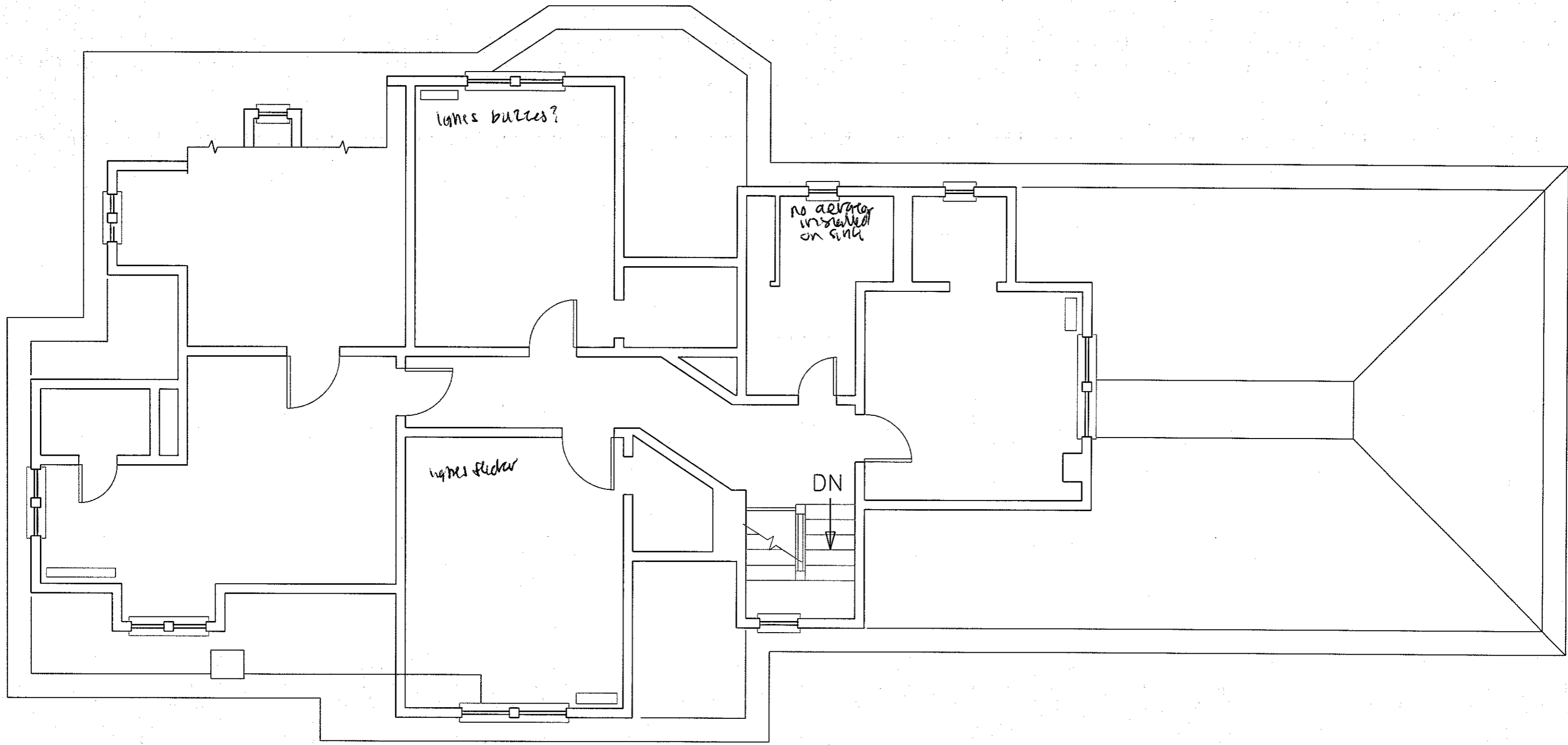
 = Computer or monitor not turned off @ night

 = Other

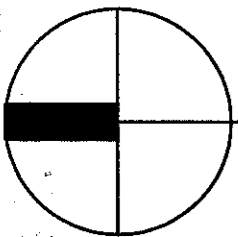








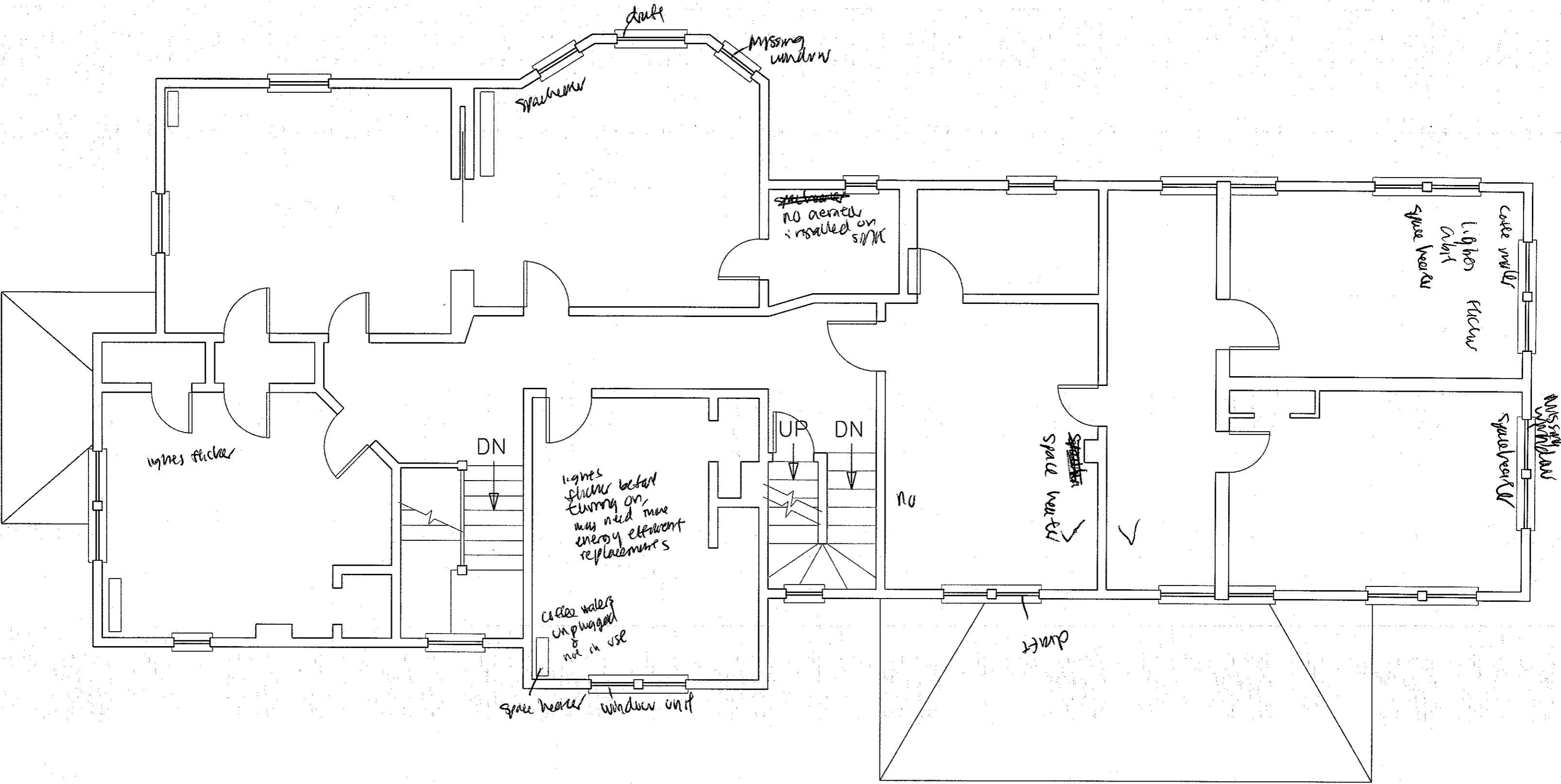
NORTH



THIRD FLOOR PLAN

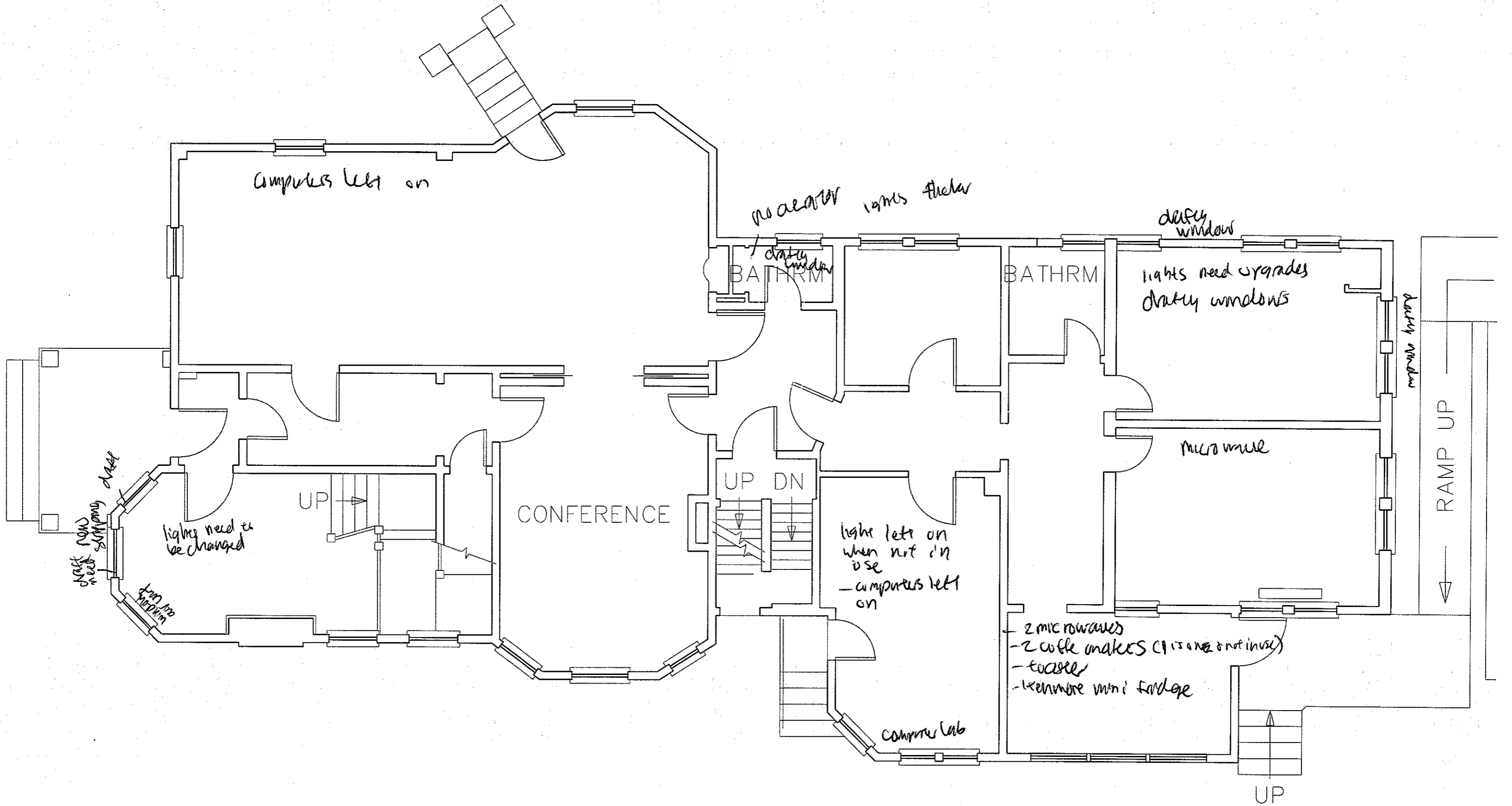
0 8 16 24 32 FEET



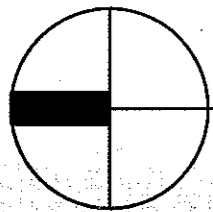


SECOND FLOOR PLAN





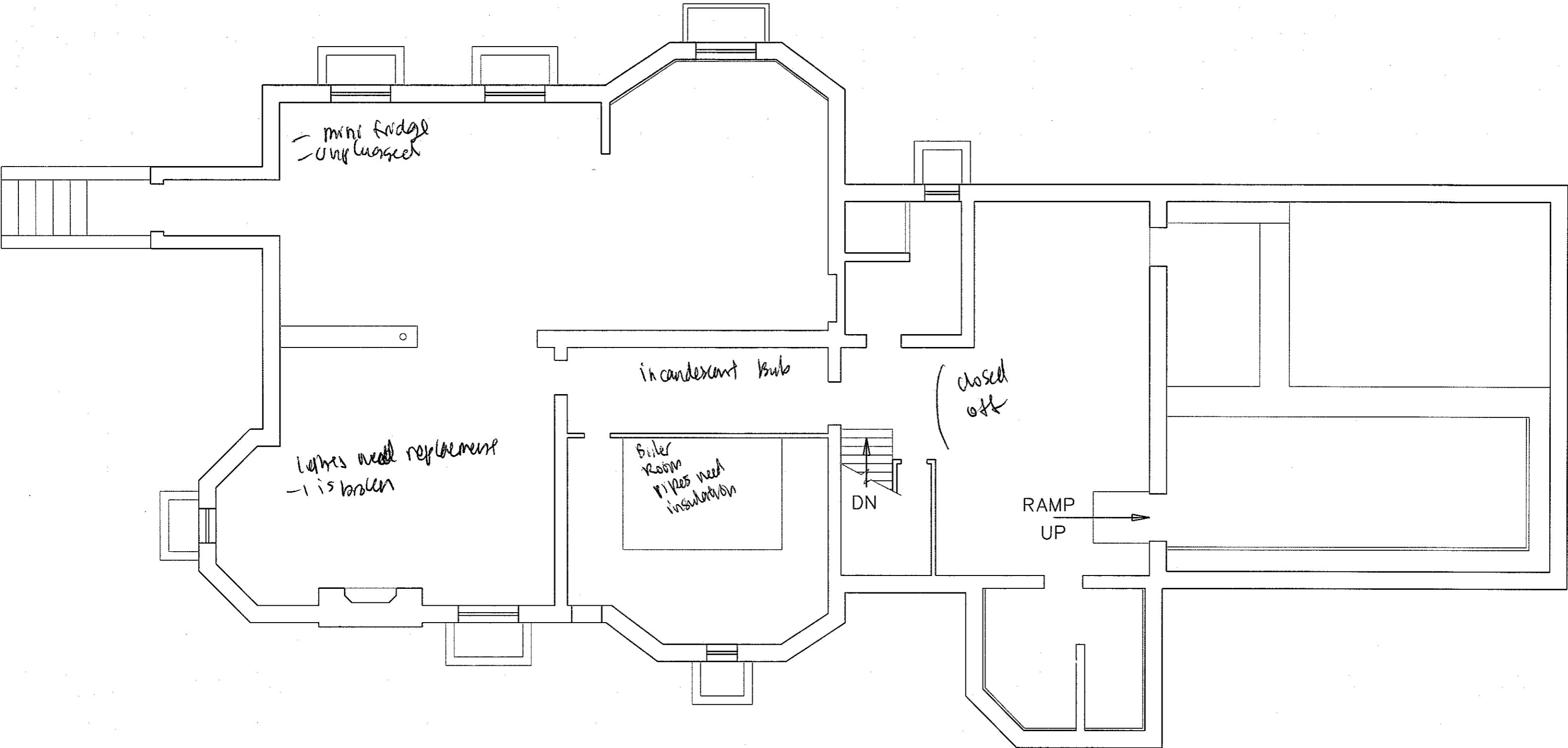
NORTH



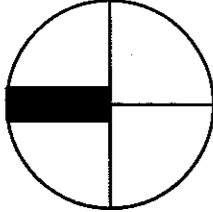
FIRST FLOOR PLAN

0 8 16 24 32 FEET





NORTH



BASEMENT FLOOR PLAN



- space heater / air-con.
No obstruction, turned off

DN

good condition.

- light fixtures are like new

- new weather stripping

- drafts near top left hand corner of door

- space heater no obstruction

- automatic lights come on when we enter MEN

- light fixtures are like new.

- Door is like new.

water drips

WOMEN

- automatic lights come on when we enter

- light fixtures are like new.

- space heater no obstruction

- air vents clean

- computer plugged in & turned on when not in use

- light fixtures like new.

- lights fixtures are good.

- windows are like new

- doors are like new

- light fixtures are new and clean

- lights are left on when not in use

- air-con filter very clean

- extension cord is plug-in; 0 watt.

- new weather stripping

- no draft

- door like new

- sink faucet installed. not installed.

- windows are like new
- no draft

- new weather stripping

- no draft like new

- doors - TV and computer are left on when not in use

- light fixtures are like new

- lights are turned off when not in use 0 watt.

- air vents clean.

- windows are like new
- no draft

sensitive light outdoor light left on overnight

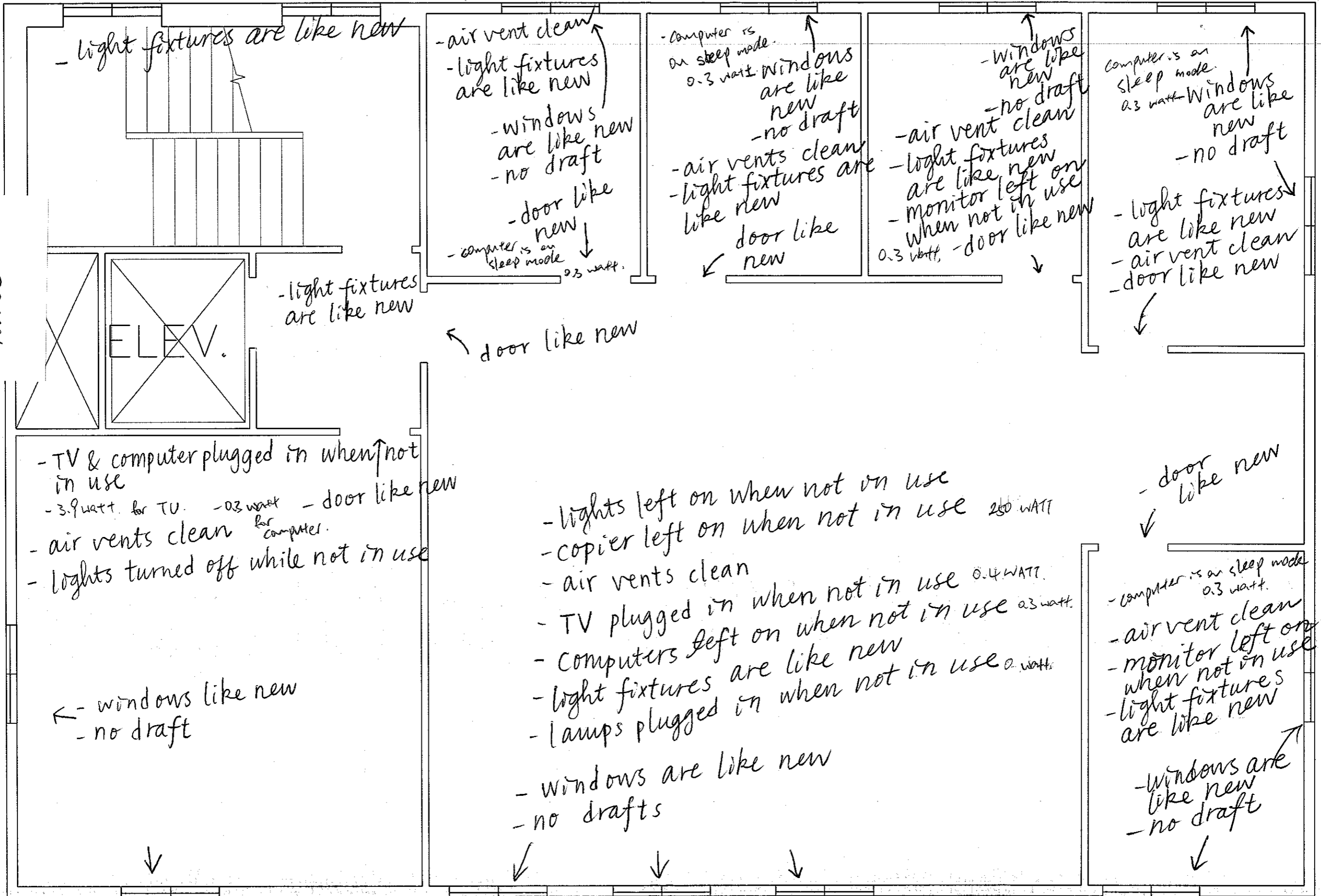
NG 5

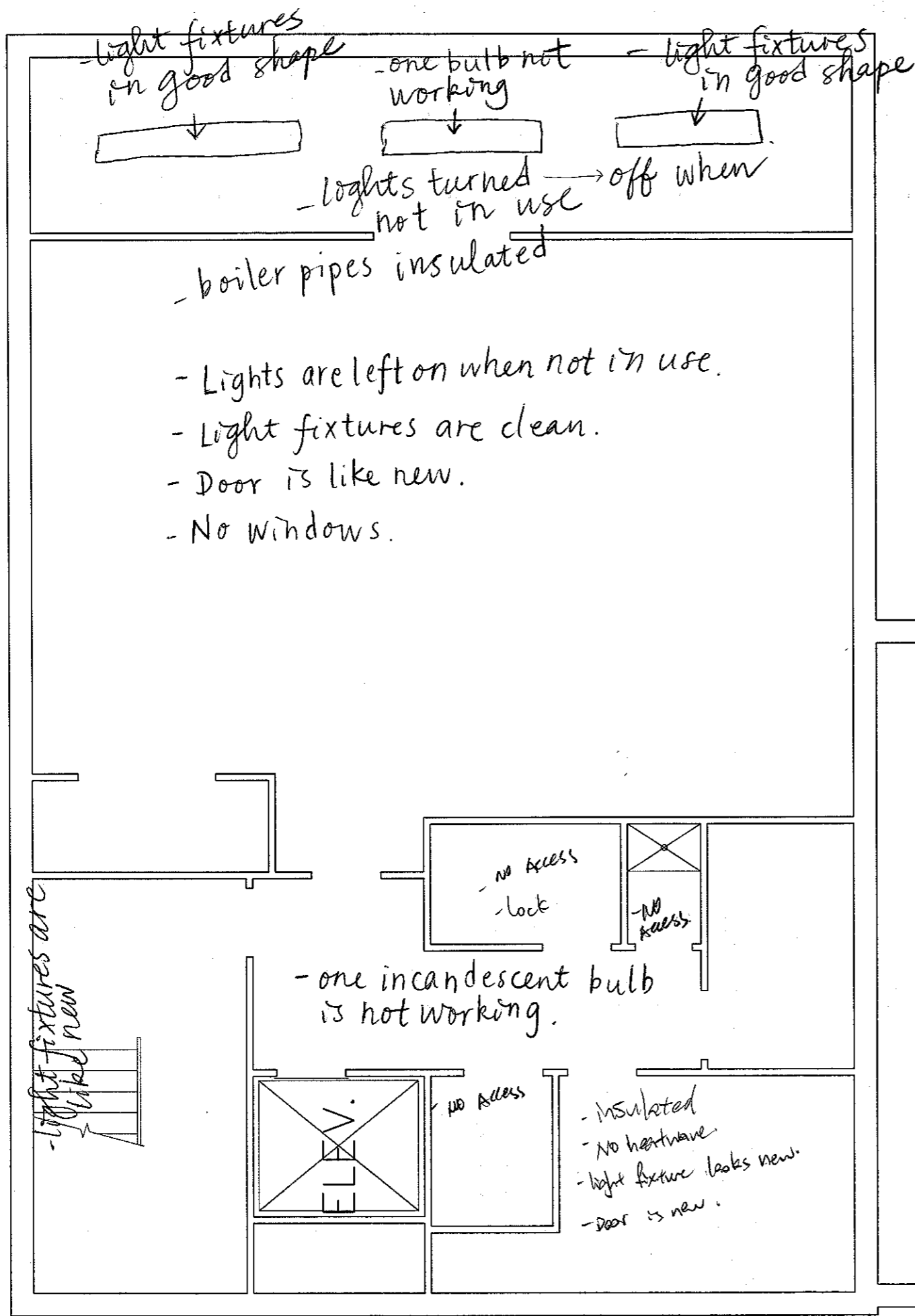
BUILDING #01814

- door is like new.

12/10 W. Nevada

AACC





CRAWLSPACE
 BUILDING #1145

BUILDING #0184

