

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that DEBORAH& LAMBERT

Located At 33 LAWN

Job ID: 2011-06-1345-HVAC

CBL: 131 - - F - 004 - 001 - - - -

has permission to Install Mitsubishi A/C

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD**

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-06-1345-HVAC

Located At: 33 LAWN

CBL: 131 - - F - 004 - 001 - - - -

Conditions of Approval:

Zoning

1. This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2011-06-1345-HVAC	Date Applied: 6/7/2011	CBL: 131 - - F - 004 - 001 - - - -	
Location of Construction: 33 LAWN AVE	Owner Name: DEBORAH LAMBERT	Owner Address: 33 LAWN AVE PORTLAND, ME 04103	Phone:
Business Name:	Contractor Name: Haleys Metal Shop Inc.	Contractor Address: 539 Elm St., Biddeford, ME	Phone:
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-5
Past Use: Single Family	Proposed Use: Single Family – install Mitsubishi A/C	Cost of Work: 8000.00	CEO District:
		Fire Dept: Approved Denied N/A	Inspection: Use Group Type: HVAC
		Signature:	Signature:
Proposed Project Description: hvac – install Mitsubishi A/C		Pedestrian Activities District (P.A.D.)	
Permit Taken By:		Zoning Approval	

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building Permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: 6/13/11	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input checked="" type="checkbox"/> Not in Dist or Landmark <input type="checkbox"/> Does not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: ARU
	CERTIFICATION		

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the appication is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHON



2011 06 1345

6/9/11 66
FILL IN AND SIGN WITH INK

RIS

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 131-F-4 Use of Building SFD. Date 6-7-11
Name and address of owner of appliance ANN TRACY, 33 LAWN AVE, PORTLAND
Installer's name and address HALEYS METAL SHOP INC. 539 ELM. ST. BIDDISFORD, ME
Telephone _____

Location of appliance:

- ☐ Basement ☐ Floor WALLS
☐ Attic ☐ Roof

Type of Fuel:

- ☐ Gas ☐ Oil ☐ Solid

Appliance Name: MITSUBISHI A/C

U.L. Approved ☒ Yes ☐ No

Will appliance be installed in accordance with the manufacture's installation instructions? ☒ Yes ☐ No

IF NO Explain: _____

The Type of License of Installer:

- ☐ Master Plumber # _____
☐ Solid Fuel # _____
☐ Oil # _____
☐ Gas # _____
☐ Other _____

Type of Chimney:

- ☐ Masonry Lined
Factory built _____

- ☐ Metal
Factory Built U.L. Listing # _____

- ☐ Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- ☐ Oil
☐ Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 2560.00

Permit Fee: \$ 100.00

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Signature of Installer [Signature]

Approved with Conditions

- ☐ See attached letter or requirement

Inspector's Signature _____

Date Approved _____

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

2011 06 1345 6/9/11
FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 131-F-4 Use of Building SFD. Date 6-7-11Name and address of owner of appliance Ann Tracy, 33 LAWN AVE PORTLANDInstaller's name and address Holley's METAL SHOP INC. 539 ELM ST BIDDEFORD, ME

Telephone _____

Location of appliance:☐ Basement☐ Floor WALLS☐ Attic☐ Roof**Type of Fuel:**☐ Gas☐ Oil☐ SolidAppliance Name: MITSUBISHI A/CU.L. Approved ☒ Yes ☐ NoWill appliance be installed in accordance with the manufacture's installation instructions? ☒ Yes ☐ NoIF NO Explain: _____**The Type of License of Installer:**☐ Master Plumber # _____☐ Solid Fuel # _____☐ Oil # _____☐ Gas # _____☐ Other _____**Type of Chimney:**☐ Masonry Lined

Factory built _____

☐ Metal

Factory Built U.L. Listing # _____

☐ Direct Vent

Type _____ UL# _____

Type of Fuel Tank☐ Oil☐ Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 7560Permit Fee: \$ 100**Approved**

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions☐ See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer [Signature]

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy



Mr. SLIM[®]
Split-ductless A/C and Heat Pumps

SUBMITTAL DATA: MXZ-2B20NA-1

MULTI-INDOOR INVERTER HEAT-PUMP SYSTEM

Job Name: _____ Location: _____ Date: _____
Purchaser: _____ Engineer: _____
Submitted to: _____ For ☐ Reference ☐ Approval ☐ Construction
Unit Designation: _____ Schedule No.: _____

GENERAL FEATURES

- Compact side discharge outdoor unit
- Wireless or wired remote controller, depending on the indoor units used
- Quiet operation—both indoor and outdoor units
- Automatic fan speed control
- Auto restart following a power outage
- Self-check function—integrated diagnostics
- Advanced microprocessor control
- Limited warranty: five years on parts and defects and seven years on compressors



Outdoor Unit: MXZ-2B20NA-1

OPTIONAL OUTDOOR UNIT ACCESSORIES

- ☐ Air Outlet Guide (MAC-889SG)
- ☐ 3/8" x 1/2" Port Adapter (MAC-A454JP; for use with 15,000 Btu/h Indoor units)

Cooling*

Rated Capacity (Non-ducted/Ducted) . . . 18,000 Btu/h / 20,000 Btu/h
Minimum Capacity (Non-ducted/Ducted) . . . 7,800 Btu/h / 8,800 Btu/h
Total Input (Non-ducted/Ducted) . . . 1,440 W / 2,190 W

Heating at 47°F*

Rated Capacity (Non-ducted/Ducted) . . . 22,000 Btu/h / 22,000 Btu/h
Minimum Capacity (Non-ducted/Ducted) . . . 8,500 Btu/h / 8,500 Btu/h
Total Input (Non-ducted/Ducted) . . . 1,650 W / 1,780 W

Heating at 17°F*

Rated Capacity (Non-ducted/Ducted) . . . 12,500 Btu/h / 12,500 Btu/h
Total Input (Non-ducted/Ducted) . . . 1,350 W / 1,430 W
* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB. Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.
(Heating) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 47°F (8°C) DB / 43°F (6°C) WB.
(Heating at 17°F) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 17°F (-8°C) DB / 15°F (-9°C) WB.

(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the Technical and Service Manuals.)

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
Recommended Fuse/Breaker Size 20 A
MCA 15 A

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 12 - 24V

OPERATING RANGE

		Indoor Intake Air Temp.		Outdoor Intake Air Temp.	
		Maximum	Minimum	Maximum	Minimum
Cooling	Maximum	95°F (35°C) DB, 71°F (22°C) WB	71°F (22°C) WB	115°F (46°C) DB	
	Minimum	67°F (19°C) DB, 57°F (14°C) WB	14°F (-10°C) DB		
Heating	Maximum	80°F (27°C) DB, 67°F (19°C) WB	75°F (24°C) DB, 65°F (18°C) WB		
	Minimum	70°F (21°C) DB, 60°F (16°C) WB	6°F (-14°C) DB, 5°F (-15°C) WB		

Compressor DC Inverter-driven Twin Rotary
Fan Motor 0.96 F.L.A.

Sound Pressure Level

Cooling (Non-ducted/Ducted) 49 dB(A)
Heating (Non-ducted/Ducted) 51 dB(A)

DIMENSIONS		INCHES / MM	
W		33-1/16	840
D		13	330
H		27-15/16	710

Weight 130 lbs. / 59 kg
External Finish Munsell No. 3Y 7.8 / 1.1
Refrigerant Type R410A
Refrigerant Pipe Size O.D. — Two Ports
Gas Side A, B: 3/8" / 9.52 mm
Liquid Side 1/4" / 6.35 mm
Max. Refrigerant Pipe Length 164' / 50 m
Max. Piping Length for Each Indoor Unit 82' / 25 m
Max. Refrigerant Pipe Height Difference
If Indoor Unit is Above Outdoor Unit 49' / 15 m
If Indoor Unit is Below Outdoor Unit 33' / 10 m
Connection Method Flared

COMPATIBLE INDOOR UNITS

Horizontal-ducted Indoor Units:
SEZ-KD09,12,15NA



Ceiling-cassette Indoor Units:
SLZ-KA09,12,15NA



Wall-mounted Indoor Units:
MSZ-GE06,09,12,15NA



Floor-standing Indoor Units:
MFZ-KA09,12NA



Wall-mounted Indoor Units:
MSZ-FE09,12NA



Refer to the separate submittal forms for the SEZ, SLZ, MSZ, and MFZ Indoor Units.

MXZ-2B20NA-1 ENERGY EFFICIENCIES

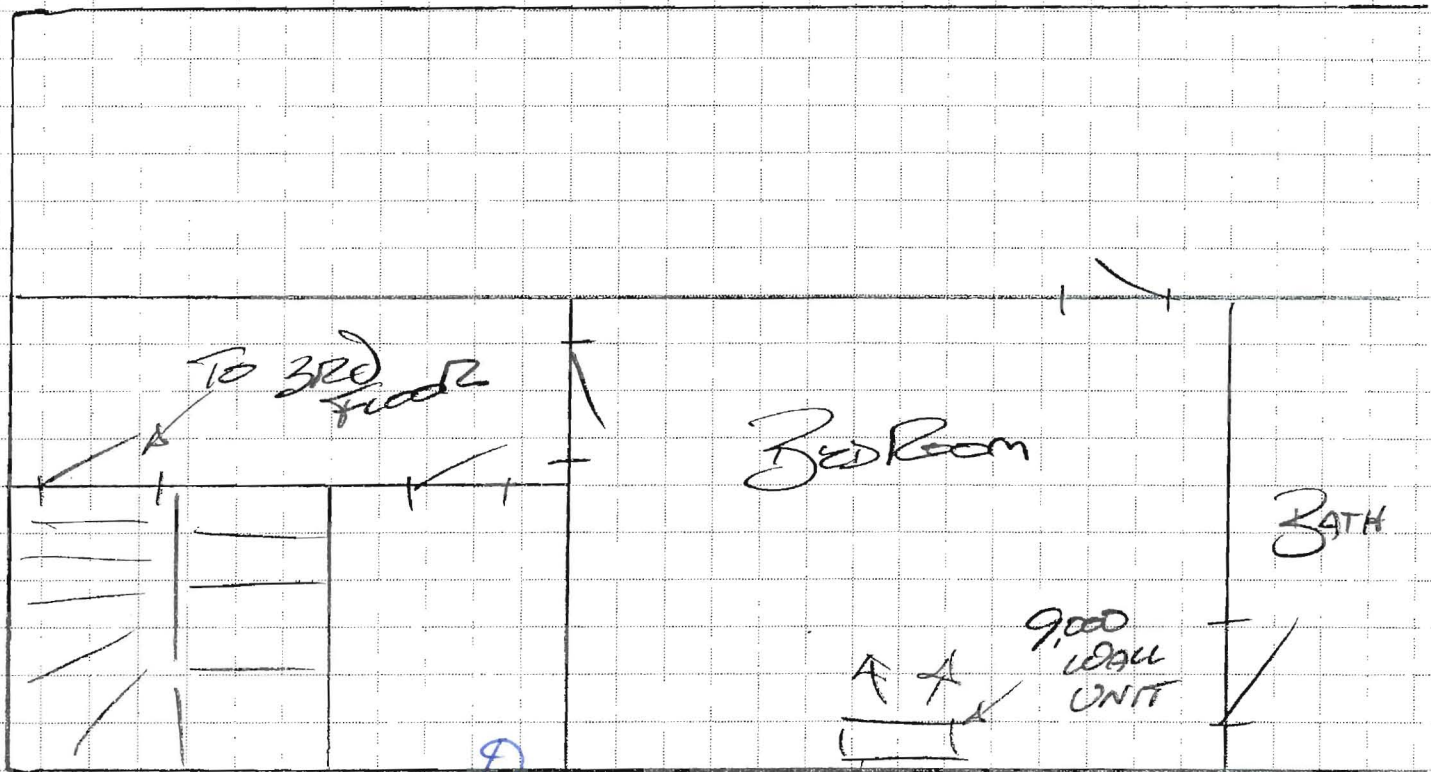
Indoor Unit Type	SEER	EER	HSPF	COP @ 47°F	COP @ 17°F
Non-ducted (09 + 09)	18.0	12.5	8.9	3.91	2.71
Ducted and Non-ducted	16.75	10.8	8.7	3.77	2.64
Ducted (09 + 12)	15.5	9.10	8.5	3.62	2.56

RECEIVED JUN - 7 2010
Dept. of Building Inspections
Portland, Maine
INVERTER

HALEY'S METAL SHOP, INC.
539 ELM ST.
BIDDEFORD, ME 04005
207-284-8571 Fax 207-284-9597

JOB _____
SHEET NO. _____ OF _____
CALCULATED BY _____ DATE _____
CHECKED BY _____ DATE _____
SCALE _____

2nd Floor



EXTERIOR WALL

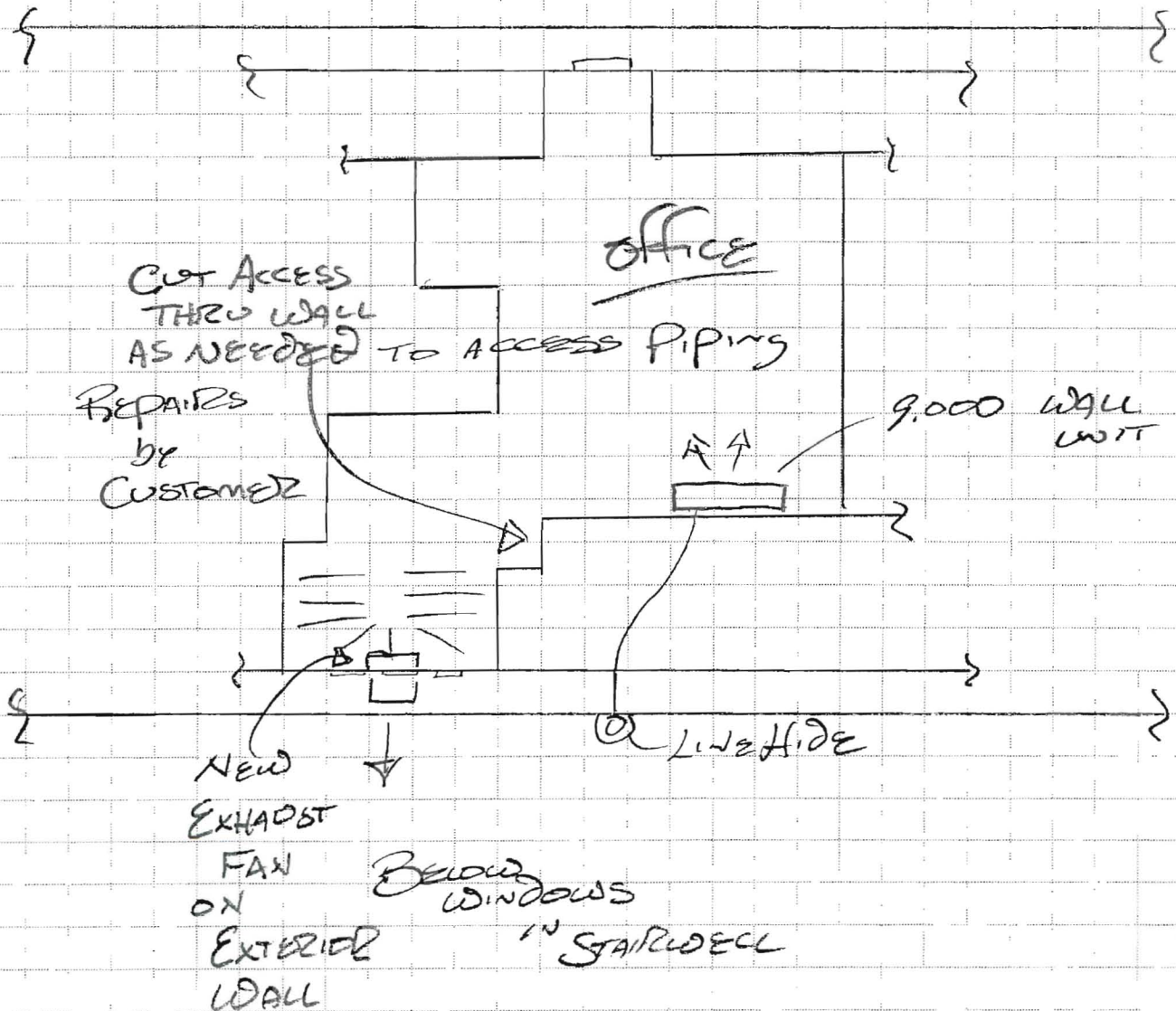
LINE HIDE

ICU - oil Ground Below

HALEY'S METAL SHOP, INC.
539 ELM ST.
BIDDEFORD, ME 04005
207-284-8571 Fax 207-284-9597

JOB _____
SHEET NO. _____ OF _____
CALCULATED BY _____ DATE _____
CHECKED BY _____ DATE _____
SCALE _____

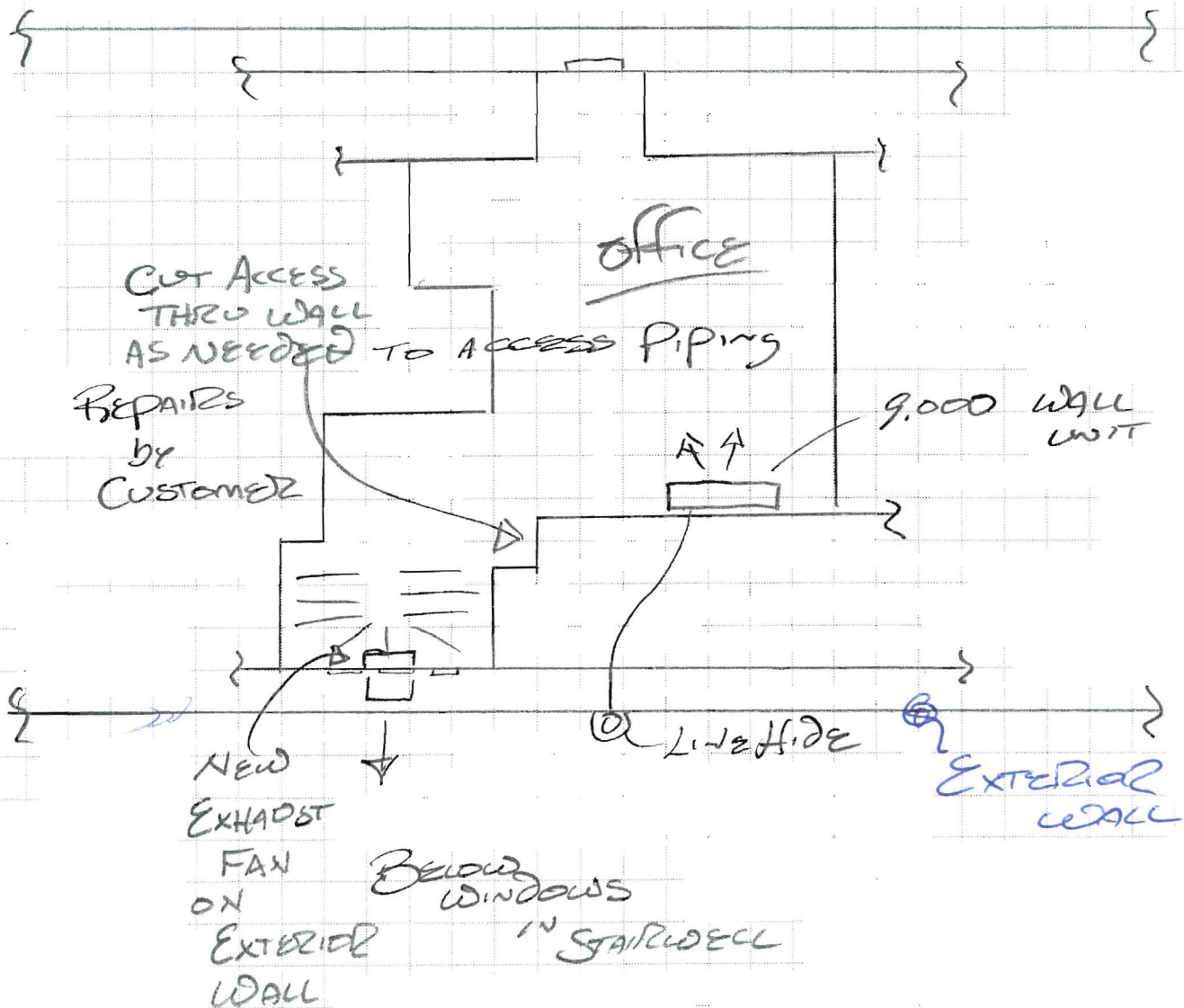
3rd Floor



HALEY'S METAL SHOP, INC.
539 ELM ST.
BIDDEFORD, ME 04005
207-284-8571 Fax 207-284-9597

JOB _____
SHEET NO. _____ OF _____
CALCULATED BY _____ DATE _____
CHECKED BY _____ DATE _____
SCALE _____

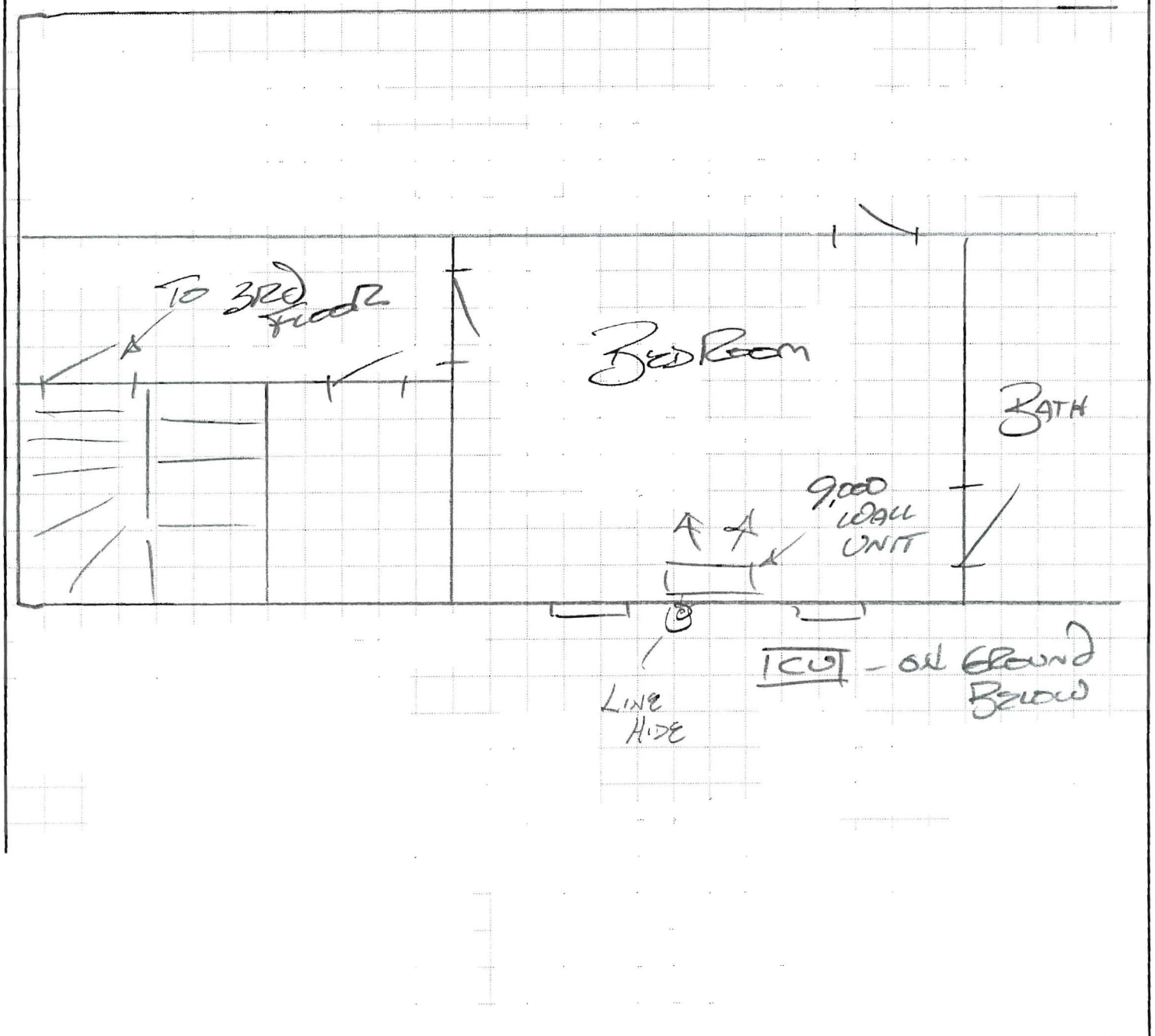
3rd Floor



HALEY'S METAL SHOP, INC.
539 ELM ST.
BIDDEFORD, ME 04005
207-284-8571 Fax 207-284-9597

JOB _____
SHEET NO _____ OF _____
CALCULATED BY _____ DATE _____
CHECKED BY _____ DATE _____
SCALE _____

2nd Floor





CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

_____ 6-7-20 11

Received from Halcyon's Metal Shop

Location of Work 33 Leavitt Ave

Cost of Construction \$ 7,566 Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 100

Building (IL) _____ Plumbing (IS) _____ Electrical (I2) _____ Site Plan (U2) _____

Other 11/11/11

CBL: 131-F-4

Check #: 95+5000 Total Collected \$ 100

No work is to be started until permit issued.
Please keep original receipt for your records.

Taken by: JPL

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy