

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 08-1245	Issue Date:	CBL: 013 K002001
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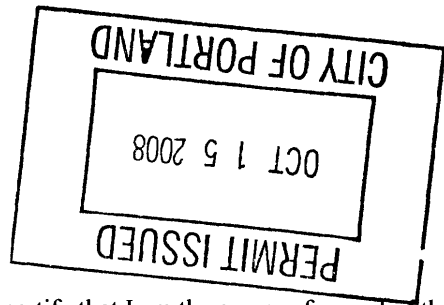
Location of Construction: 135 SHERIDAN ST	Owner Name: SHERIDAN STREET LLC	Owner Address: 477 CONGRESS ST 1012	Phone: 207-282-7387
Business Name:	Contractor Name: Eastern Mechanical Inc	Contractor Address: P.O. Box 518 Biddeford	Phone: 2072827387
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: C-46

Past Use: 21 Unit Complex	Proposed Use: 21 Unit Complex - Install Magic Pack Direct Vent Heating and Cooling System.	Permit Fee: \$2,700.00	Cost of Work: \$257,332.00	CEO District: 1	1
<p><i>equal use: 21 residential condominiums Bldg PA 10 N 90B</i></p>		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R2 Type: HVAC IMC-2003 IBC		

Proposed Project Description: Install Magic Pack Direct Vent Heating and Cooling System.	Signature: <i>Craig Cass</i>	Signature: <i>JMB 10/14/08</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature: _____ Date: _____		

Permit Taken By: lmd	Date Applied For: 10/03/2008	Zoning Approval
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<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>10/3/08</i>	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 District 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: _____
	<p style="text-align: center;"><i>ok with conditions</i></p>		



CERTIFICATION

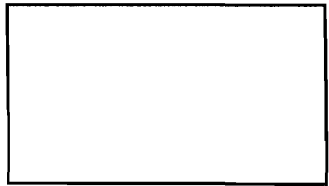
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application 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	PHONE



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



013K002

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 _____ Use of Building Condominiums Date 10/2/08
 Name and address of owner of appliance 335 Shepard St
Portland Me.
 Installer's name and address Eastern Mechanical Inc. xx call
6 Pomeroy St. Biddford ME Telephone 207 282 7387

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid

Appliance Name: Magic Pack

U.L. Approved Yes No

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

IF NO Explain: _____

OCT 3 2008

The Type of License of Installer:

- Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PNT2125
 Other _____

Type of Chimney:

- Masonry Lined
 Factory built _____

- Metal
 Factory Built U.L. Listing # _____

- Direct Vent
 Type Built in Row Vent U.L.# 1995

Type of Fuel Tank

- Oil
 Gas

Heating/cooling
ANSI Z21.47

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 257332

Permit Fee: \$ 2590

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer _____

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

City of Portland, Maine - Building or Use Permit

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Business Name:	Contractor Name: Eastern Mechanical Inc	Contractor Address: P.O. Box 518 Biddeford	Phone: (207) 282-7387
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: 21 Unit Complex - Install Magic Pack Direct Vent Heating and Cooling System after the fact	Proposed Project Description: Install Magic Pack Direct Vent Heating and Cooling System after the fact
--	--

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 10/03/2008

Note:**Ok to Issue:**

- 1) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.
- 2) This property shall remain twenty-one (21) residential condominium dwelling units. Any change of use shall require a separate permit application for review and approval.
- 3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Jeanine Bourke **Approval Date:** 10/10/2008

Note:**Ok to Issue:**

- 1) All penetrations through rated assemblies must be protected by an approved firestop system installed in accordance with ASTM 814 or UL 1479, per IBC 2003 Section 712.
- 2) Installation of fire and/or smoke dampers shall comply with 2003 International Mechanical Code and International Building Code

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Capt Greg Cass **Approval Date:** 10/14/2008

Note:**Ok to Issue:**

- 1) Install shall comply with NFPA 90B. And manufacturers specifications.

Comments:

10/10/2008-jmb: Compliance letter received on the garage carbon monoxide ventilation system

10/10/2008-jmb: this permit was applied for after the fact

EASTERN MECHANICAL, INC.

P.O. Box 518
BIDDEFORD, MAINE 04005

LETTER OF TRANSMITTAL

(207) 282-7387 Fax (207) 284-9012
TO City of Portland

DATE	2/2/08	JOB NO.
ATTENTION	Tanic Boule	
RE:	Sheridan Heights 135 Sheridan St. Portland	

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

Shop drawings Prints Plans Samples Specifications

Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
1			Stamped Mechanical Drawings M-1 through M-5
1			Heating & Cooling Check
1			11 x 17

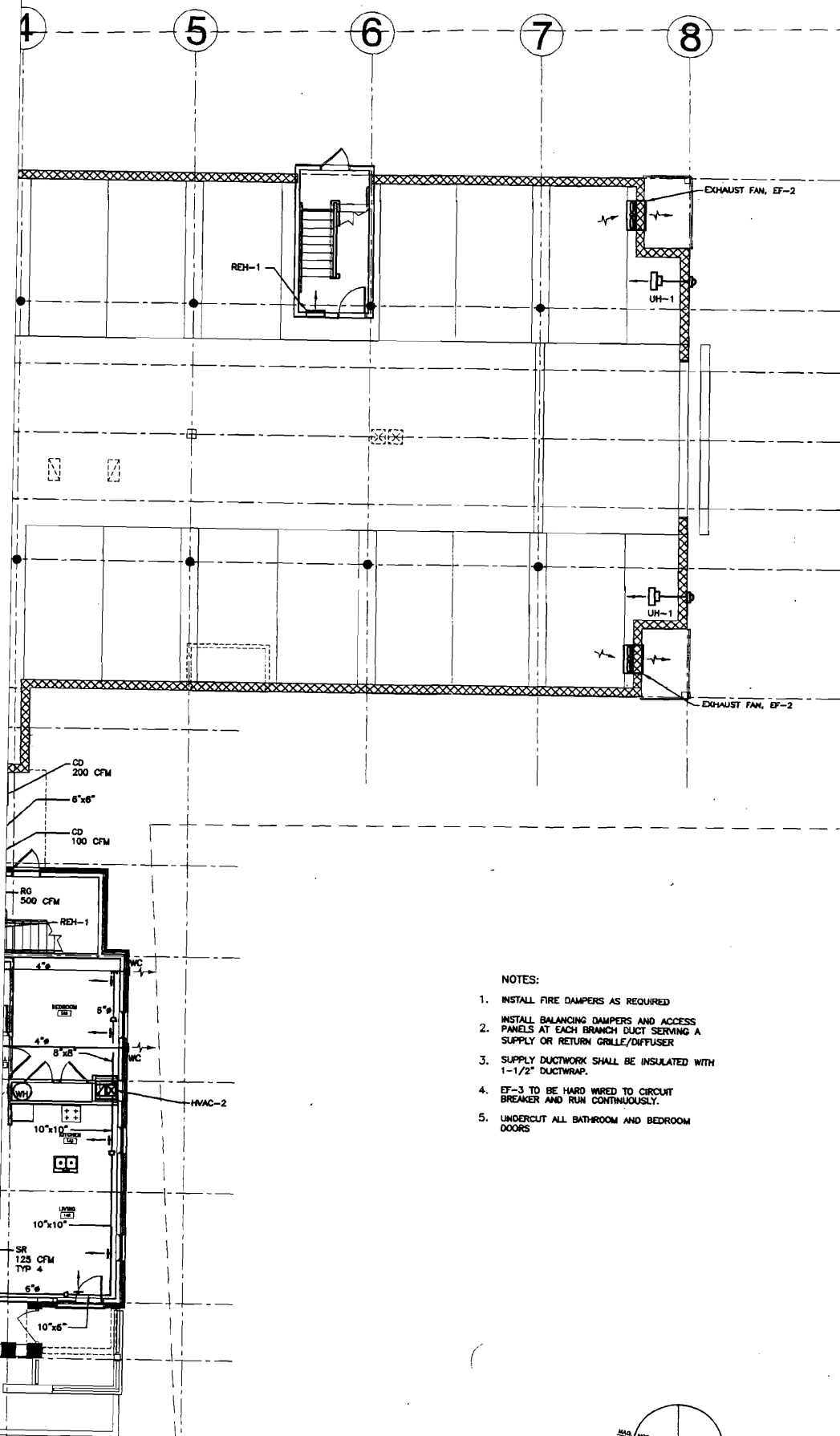
THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
- For your use Approved as noted Submit _____ copies for distribution
- As requested Returned for corrections Return _____ corrected prints
- For review and comment _____
- FOR BIDS DUE _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO File

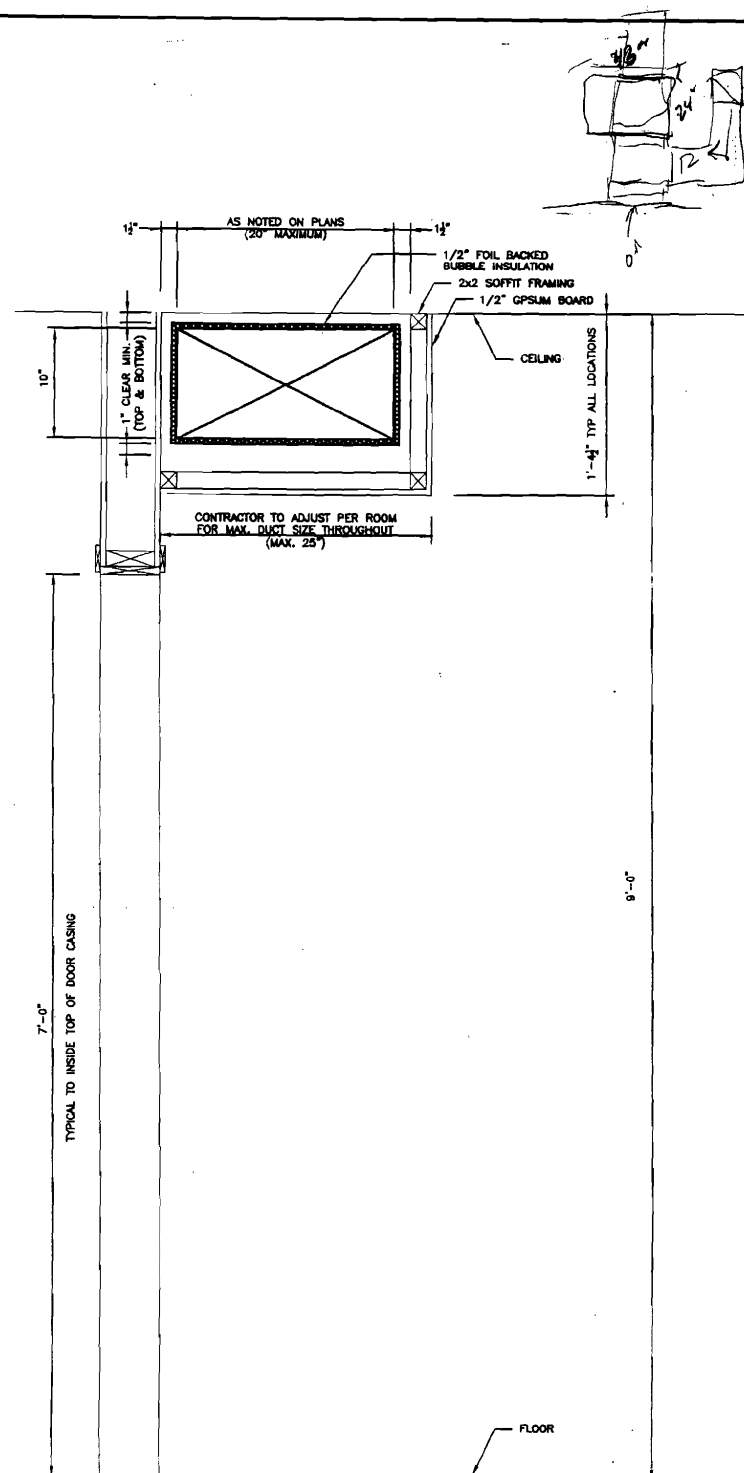
SIGNED: [Signature]



FIRST FLOOR PLAN
1/8" = 1'-0"

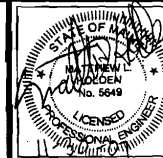
NOTES:

1. INSTALL FIRE DAMPERS AS REQUIRED
2. INSTALL BALANCING DAMPERS AND ACCESS PANELS AT EACH BRANCH DUCT SERVING A SUPPLY OR RETURN GRILLE/DIFFUSER
3. SUPPLY DUCTWORK SHALL BE INSULATED WITH 1-1/2" DUCTWRAP.
4. EF-3 TO BE HARD WIRED TO CIRCUIT BREAKER AND RUN CONTINUOUSLY.
5. UNDERCUT ALL BATHROOM AND BEDROOM DOORS



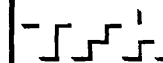
TYPICAL SOFFIT DETAIL

1 1/2" = 1'-0"



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SHERIDAN HEIGHTS
PROPOSED CONDOMINIUMS AT
135 SHERIDAN STREET, PORTLAND MAINE
FOR SHERIDAN STREET LLC



TFH ARCHITECTS
100 COMMERCIAL STREET
PORTLAND MAINE 04101
TELEPHONE 207 775 6141
ARCHITECTURE PLANNING

CONSULTANTS:

REFER TO TITLE SHEET FOR
CONSULTANT INFORMATION

OWNERS' REPRESENTATIVE

477 CONGRESS STREET, 5TH FLOOR,
PORTLAND, ME 04101
TEL: 207 523 3410

REVISIONS:

ISSUED FOR
CONSTRUCTION
11/30/2007

DATE: 10/01/07

PROJECT No. 507

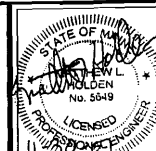
DRAWN BY: A22

CHECKED BY: MLH

SCALE: AS NOTED

SHEET TITLE:
FIRST
FLOOR
MECHANICAL
PLAN

M1.0



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SHERIDAN HEIGHTS
PROPOSED CONDOMINIUMS AT
135 SHERIDAN STREET, PORTLAND MAINE
FOR SHERIDAN STREET LLC



TFH ARCHITECTS
180 COMMERCIAL STREET
PORTLAND MAINE 04101
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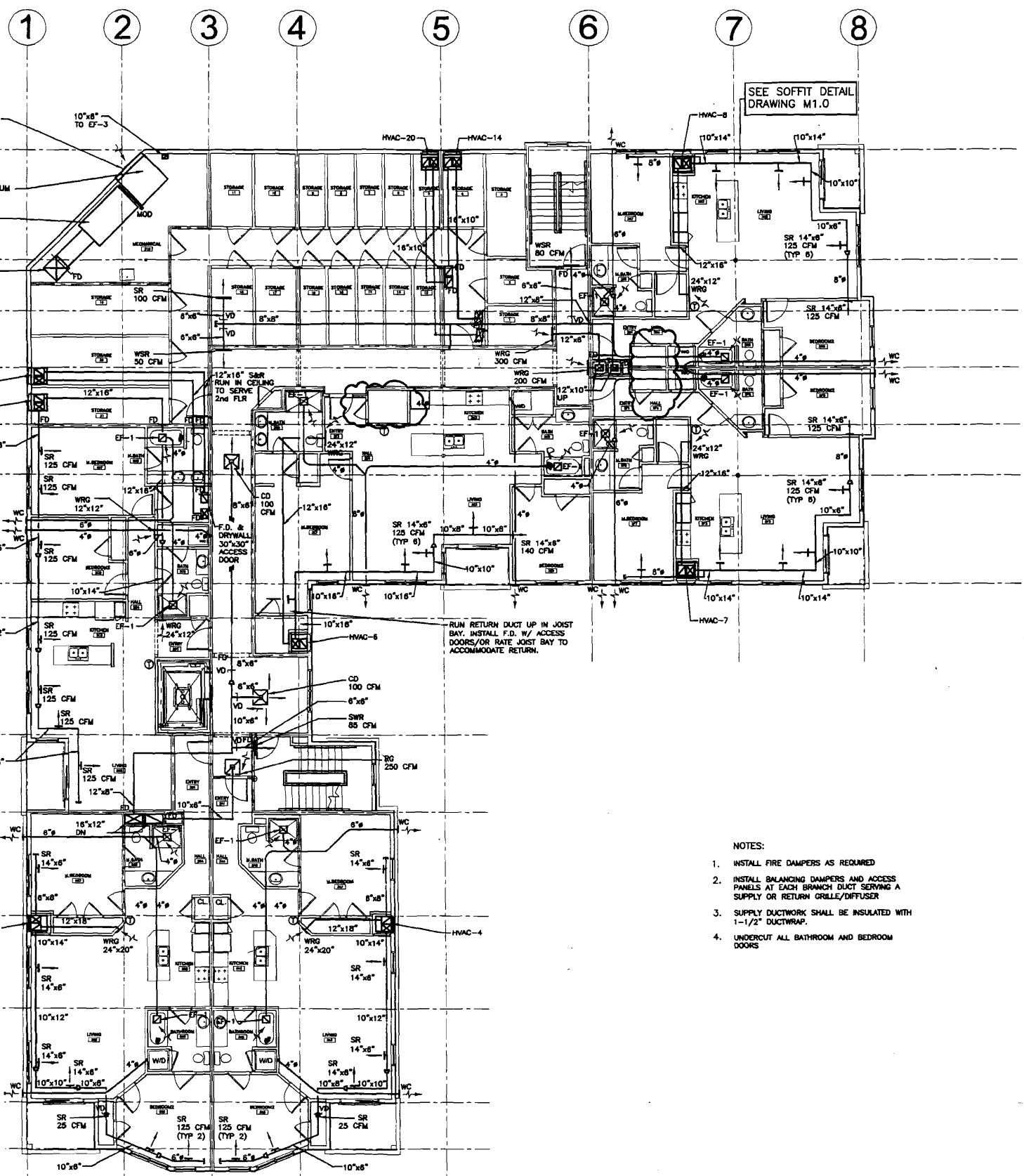
DRAWN BY: AZZ

CHECKED BY: MLH

SCALE: AS NOTED

SHEET TITLE:
SECOND
FLOOR
MECHANICAL
PLAN

M1.1



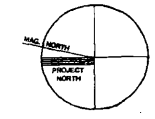
SEE SOFFIT DETAIL
DRAWING M1.0

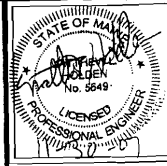
RUN RETURN DUCT UP IN JOIST
BAY. INSTALL F.D. W/ ACCESS
DOORS/OR RATE JOIST BAY TO
ACCOMMODATE RETURN.

NOTES:

1. INSTALL FIRE DAMPERS AS REQUIRED
2. INSTALL BALANCING DAMPERS AND ACCESS PANELS AT EACH BRANCH DUCT SERVING A SUPPLY OR RETURN GRILLE/DIFFUSER
3. SUPPLY DUCTWORK SHALL BE INSULATED WITH 1-1/2" DUCTWRAP.
4. UNDERCUT ALL BATHROOM AND BEDROOM DOORS

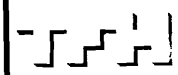
SECOND FLOOR PLAN
1/8" = 1'-0"





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 FOR SHERIDAN STREET LLC



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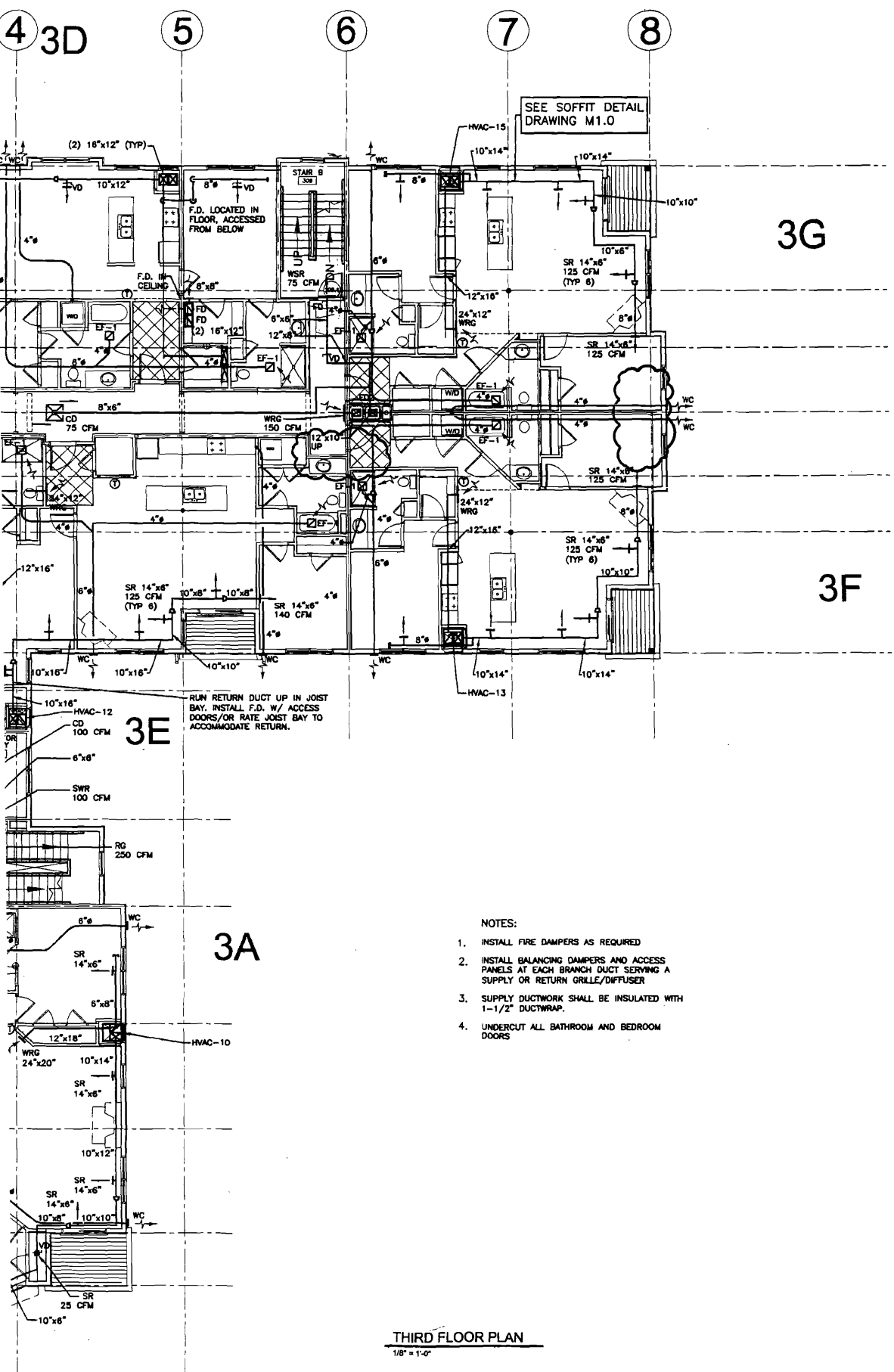
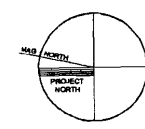
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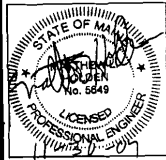
CHECKED BY: MLH

SCALE: AS NOTED

SHEET TITLE:
 THIRD
 FLOOR
 MECHANICAL
 PLAN

M1.2





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DRAWN BY: A22

CHECKED BY: MLH

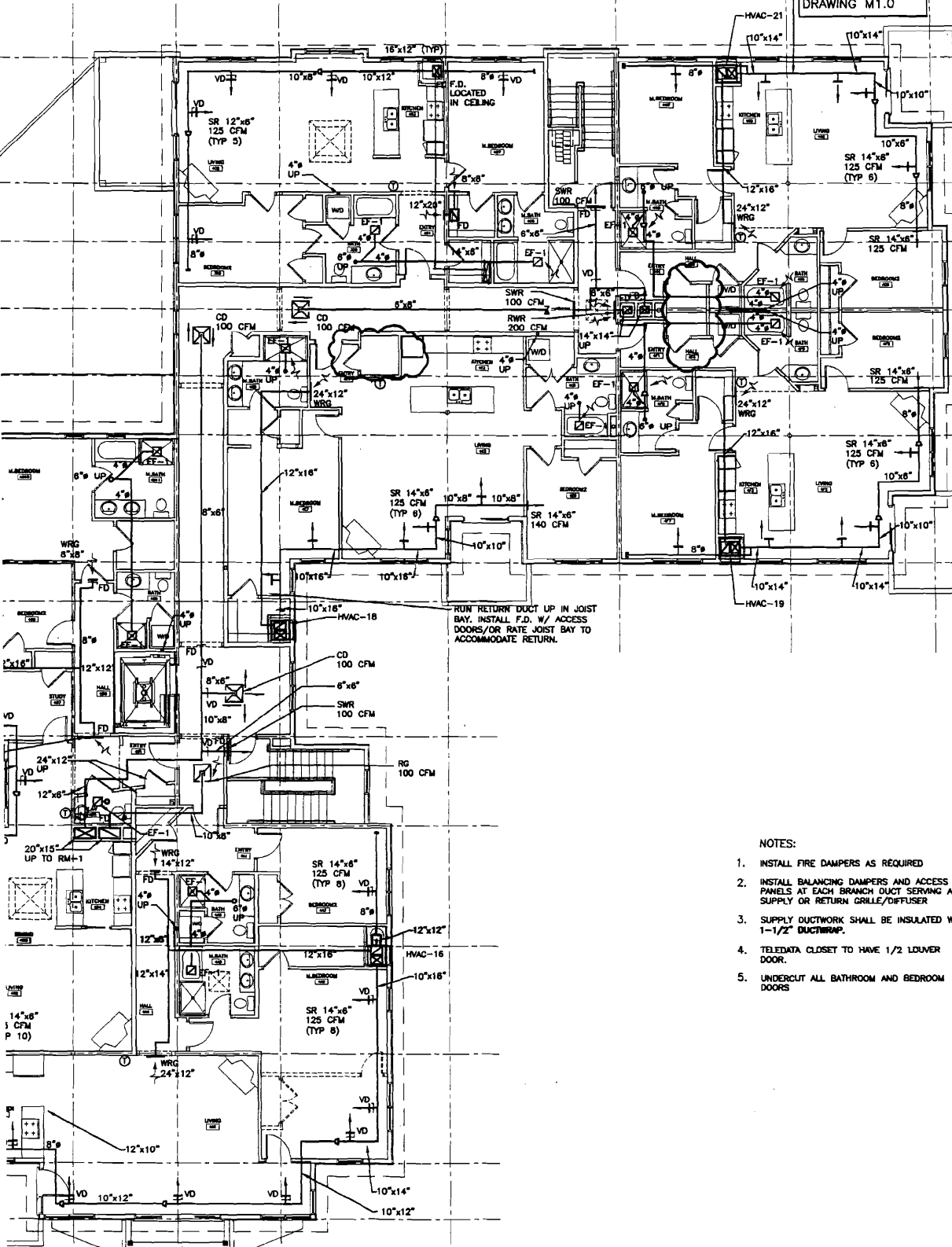
SCALE: AS NOTED

SHEET TITLE:
FOURTH
FLOOR
MECHANICAL
PLAN

M1.3

2 3 4 5 6 7 8

SEE SOFFIT DETAIL
DRAWING M1.0

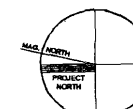


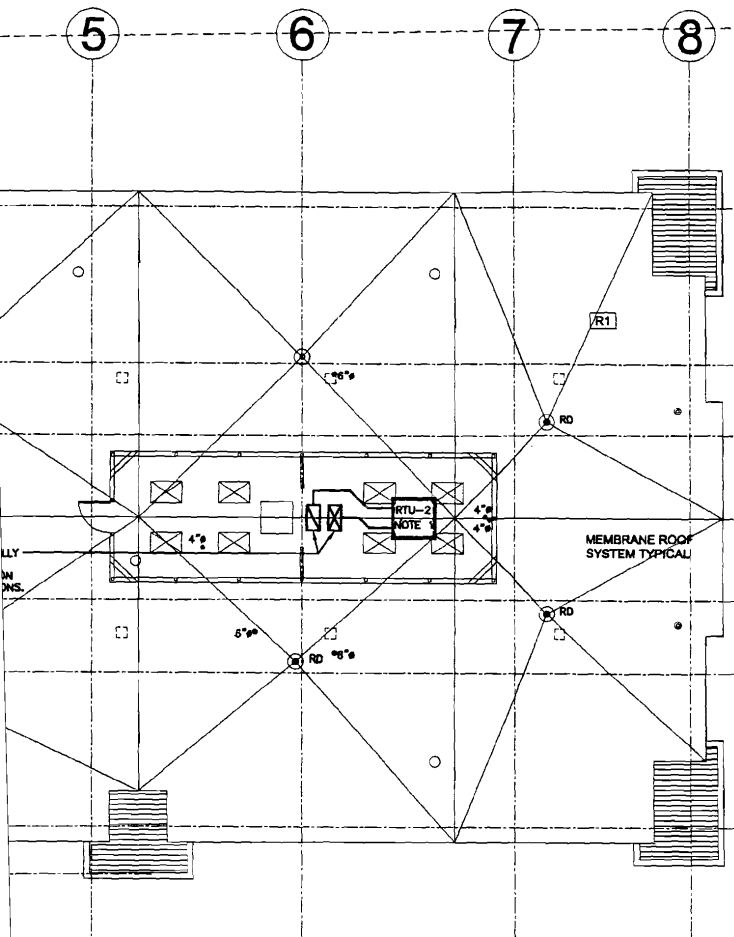
RUN RETURN DUCT UP IN JOIST
BAY. INSTALL F.D. W/ ACCESS
DOORS/OR RATE JOIST BAY TO
ACCOMMODATE RETURN.

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4. TELEDATA CLOSET TO HAVE 1/2 LDUVER DOOR.
5. UNDERCUT ALL BATHROOM AND BEDROOM DOORS

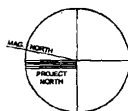
FOURTH FLOOR PLAN
1/8" = 1'-0"





NOTE:

RTU No's 1 & 2 TO BE MOUNTED ON A VIBRATION ISOLATION CURB PER MANUFACTURERS RECOMMENDATIONS. LOCATION OF RTU No's 1 & 2 TO BE COORDINATED WITH STRUCTURAL ENGINEER TO ENSURE ADEQUATE SUPPORT.



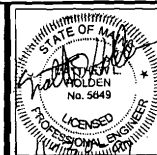
UNIT HEATERS SCHEDULE										
TAG No.	MANUFACTURER	MODEL	CAPACITY, MBTUH		AIR FLOW, CFM		ELECTRICAL DATA		NOTES	
			HEATING	Cooling	HEATING	COOLING	VOLTS/Hz/PH	AMP/CAPACITY		
UH-1	BEACON/MORRIS	BST 090	60		1000		120/60/1	3.7	81%	UNIT HEATERS WILL MAINTAIN 40°F IN THE PARKING AREA.
REH-1	COMMERCIAL WALL HEATER	CWH434083	12.50		100		208/60/3	11.1	99%	CWH 3000, 4000 WATTS HEATERS SUPPLIED WITH INTEGRAL THERMOSTATS
REH-2	COMMERCIAL WALL HEATER	CWH1101DS	3.40		95		120/60/1		99%	CWH 3000, 1000 WATTS HEATERS SUPPLIED WITH INTEGRAL THERMOSTATS

MAKEUP AIR UNIT SCHEDULE												
TAG No.	NUFACTU	MODEL	CAPACITY, MBTUH		AIR FLOW, CFM @ 0.5" W.C.		ELECTRICAL DATA		Motor	Fuel	NOTES	
			HEATING	Cooling	SINGLE SPEED	FAN SPEED, RPM	VOLTS/Hz/AMP/PLA	HP				
MAU-1	Flow Air	F4-D.1000-820	587.4		10,000		636	230/80/3	12.8	5	7" W.C.	MAU runs on high carbon monoxide sensor set at 15, ppm. HG line to be 2" Veriflex P/N 50A/Cs

HVAC EQUIPMENT SCHEDULE												
TAG No.	NUFACTU	MODEL	CAPACITY, MBTUH		AIR FLOW, CFM @ 0.5" W.C.			ELECTRICAL DATA		AIR FLOW, CFM		NOTES
			HEATING	Cooling	LOW	MED	HIGH	HEATING	COOLING	EFFICIENCY	EFFICIENCY	
HVAC- (1) thru (13)	MAGI-PAN	36MGE12A30	36	28	540/785		820/915	230/80/1	21.2	80%	11.50 SEER	Thru wall natural gas furnace with R-22, High Eff Comp. Set on Drip Pan.
HVAC- (16) thru (21)	MAGI-PAN	48MGE12A30	48	28	540/785		820/915	230/80/1	21.2	80%	11.50 SEER	Thru wall natural gas furnace with R-22, High Eff Comp. Set on Drip Pan.
RTU-1	YORK	D2NPK06N06006	60	58.1	540/785		1500	208/60/1	41.7	40%	13.0 SEER	Roof Top Unit, wt 541 lbs. Supplied with a roof curb.
RTU-2	YORK	D2NPK024N06006	70	25.4	540/785		800	208/60/1	18.8	80%	13.3 SEER	Roof Top Unit, wt 488 lbs. Supplied with a roof curb.

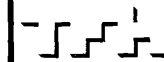
LOUVER SCHEDULE						
TAG No.	LOUVER	FINISH	SIZE	MATERIAL	SMOKE DAMPER	NOTES

FAN SCHEDULE							
TAG No.	MANUFACTURER	MODEL	AIR FLOW, CFM		ELECTRICAL DATA		NOTES
			SINGLE SPEED	FAN SPEED, RPM	VOLTS/Hz/PH	AMP/CAPACITY	
EF-1	Flow Air	CFA100FA	109 @ 125' SP	625	120/60/1	1	Bathroom ventilation fans 6" diameter
EF-2	Flow Air	MEL30J	5000 @ 25' SP	685	120/230/60/3		Garage Carbon Monoxide Fans, Fans run on CO High Limit of 15 ppm
EF-3	Flow Air	CFA300FA	300		120/60/1		Constant Garage Ventilation Fan



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 11/30/2007

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DRAWN BY: AZZ

CHECKED BY: MLH

SCALE: AS NOTED

SHEET TITLE:
 ROOF
 MECHANICAL
 PLAN

M1.4