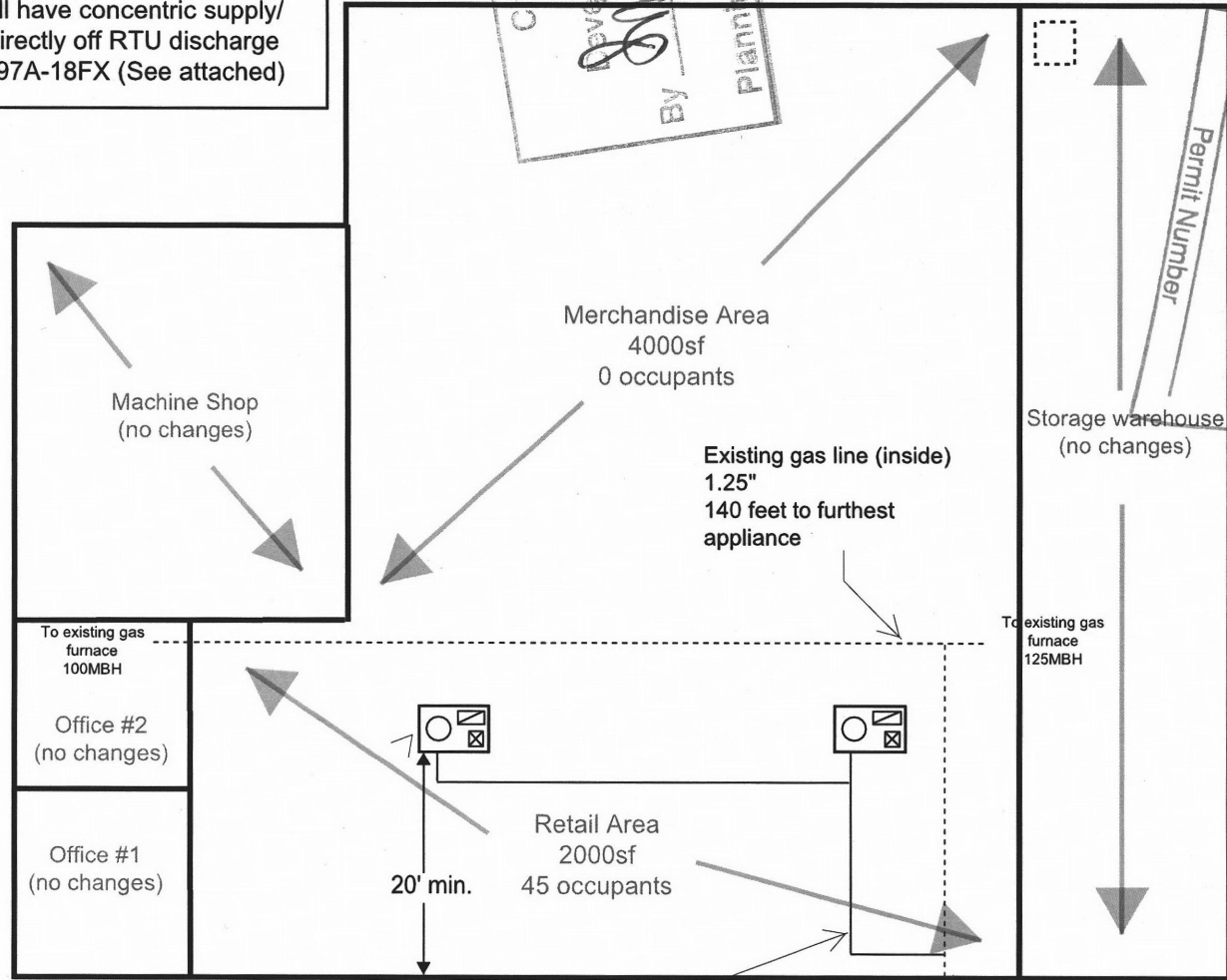


**Gas Line Capacity**  
 Longest Line: 140'  
 Total Capacity: 475MBH  
 1.25" at 140' 2psi (10% pres. drop) = 1,300MBH

**Air Distribution**  
 Both new RTUs shall have concentric supply/  
 return air registers directly off RTU discharge  
 MicroMetl CNKT-0597A-18FX (See attached)

City of Portland  
 Bureau of  
 Development Services  
 Approved by  
 Planning and Zoning Review  
 Date 8/8/13



City of Portland  
 REVIEWED FOR  
 COMPLIANCE  
 AUG 07 2013  
 S.E. Morrison St  
 Permit Number

New Carrier RTU (typ x2)  
 125MBH  
 1014lbs. (see attached  
 structural engineering)

New gas line (rooftop)  
 3/4"  
 110 feet additional pipe

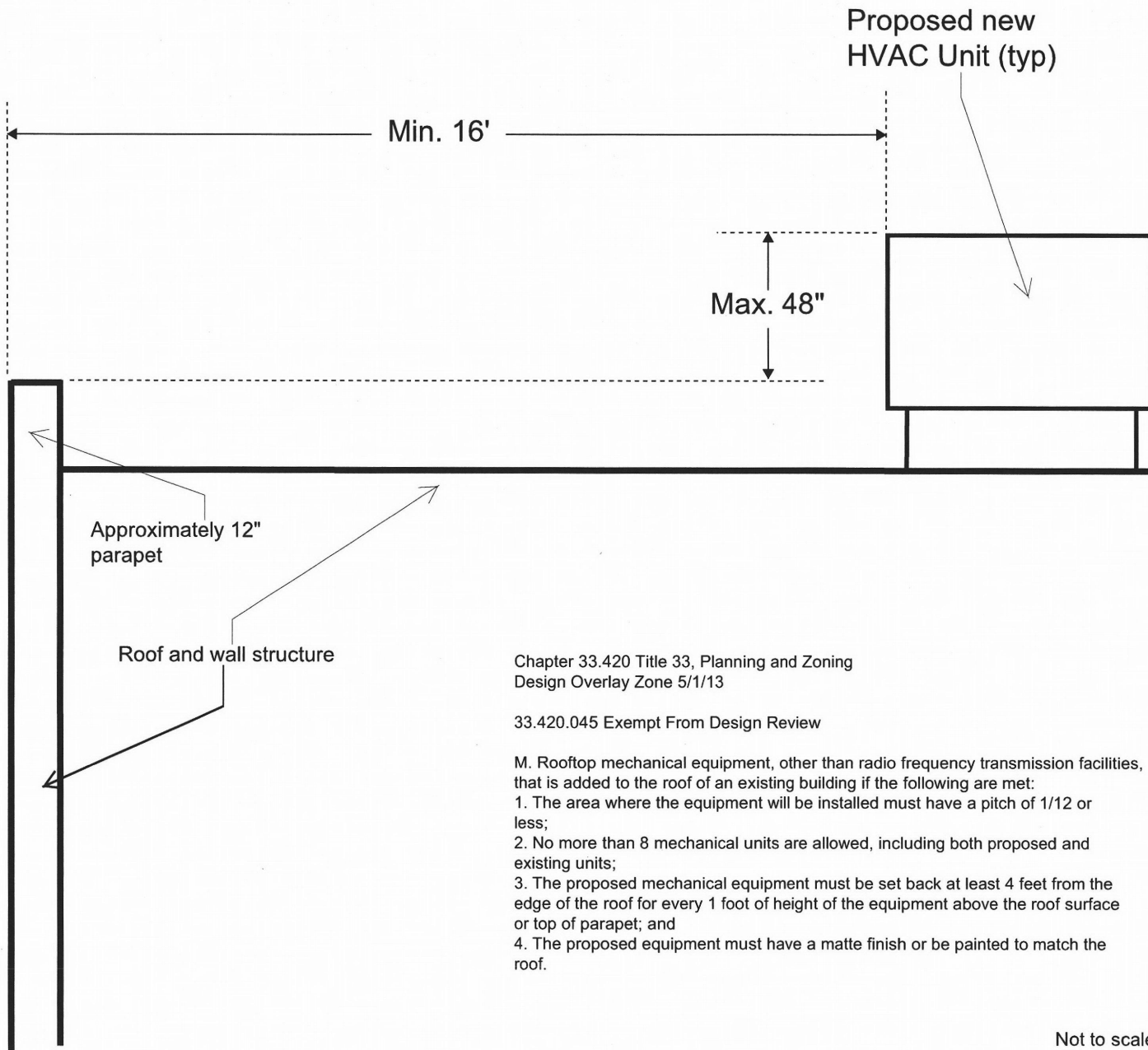
Existing gas  
 meter 2psi

← S.E. 9th Ave →

Napa Auto Parts  
 730 SE 9th Ave  
 Portland, OR 97214  
 Roof Plan M1

**CLIMATE CONTROL**  
 HEATING & AIR CONDITIONING

13-190401-MT




Chapter 33.420 Title 33, Planning and Zoning  
Design Overlay Zone 5/1/13

33.420.045 Exempt From Design Review

- M. Rooftop mechanical equipment, other than radio frequency transmission facilities, that is added to the roof of an existing building if the following are met:
1. The area where the equipment will be installed must have a pitch of 1/12 or less;
  2. No more than 8 mechanical units are allowed, including both proposed and existing units;
  3. The proposed mechanical equipment must be set back at least 4 feet from the edge of the roof for every 1 foot of height of the equipment above the roof surface or top of parapet; and
  4. The proposed equipment must have a matte finish or be painted to match the roof.

Not to scale

Napa Auto Parts 730 SE 9 <sup>th</sup> Ave Portland, OR 97214		M2
RTU Elevation View		
		

## Ventilation Summary

Napa Auto Parts  
730 SE 9th Ave

	Occupancy Classification	Zone Floor Area (ft <sup>2</sup> )	Zone Population (# people)	People Outdoor Air Rate (cfm/person)	Area Outdoor Air Rate (cfm/ft <sup>2</sup> )	Breathing Zone Outdoor Airflow (cfm)	Zone Air		Minimum Required Outdoor Airflow: CFM	Proposed Design Outdoor Airflow: CFM
							Distribution Effectiveness	Zone Outdoor Airflow (cfm)		
Merchandise Area	Storage	4000	0	0	0.12	480	1	480	480	480
Retail Area	Sales	2000	45	7.5	0.12	577.5	1	577.5	578	580
Total Outside Air:									1060	