

2018 IMC Ventilation for Barber/Beauty Salons



WHAT YOU NEED TO APPLY FOR A BUILDING PERMIT:

- ☐ Permit Application
- ☐ Design plans for ventilation system
- ☐ Floor plan with labels of all rooms and spaces used for the Barber/Beauty Salon including dimensions of those spaces.

Barber/Beauty salons

Under the 2018 International Mechanical Code table 403.3.1.1 it is required to have .5 CFM of exhaust for barber shops and .6 CFM of exhaust for beauty salons. The system is required in all the following spaces or rooms, the barber/salon area, the hair washing area, an area using dryers, and any area using chemicals or hair spray's.

Why Do I need a Permit?

There are many important reasons to obtain building permits and to have inspections performed for your construction project.

Improves safety

Your permit allows the building department to inspect for potential hazards and unsafe construction. By ensuring your project meets the minimum building code standards of safety, the building department can reduce the risk of fire, structural collapse and other issues that might result in costly repairs, injuries and even death. Inspections complement the contractor's experience and act as a system of checks and balances that can result in a safer project.

It's the Law

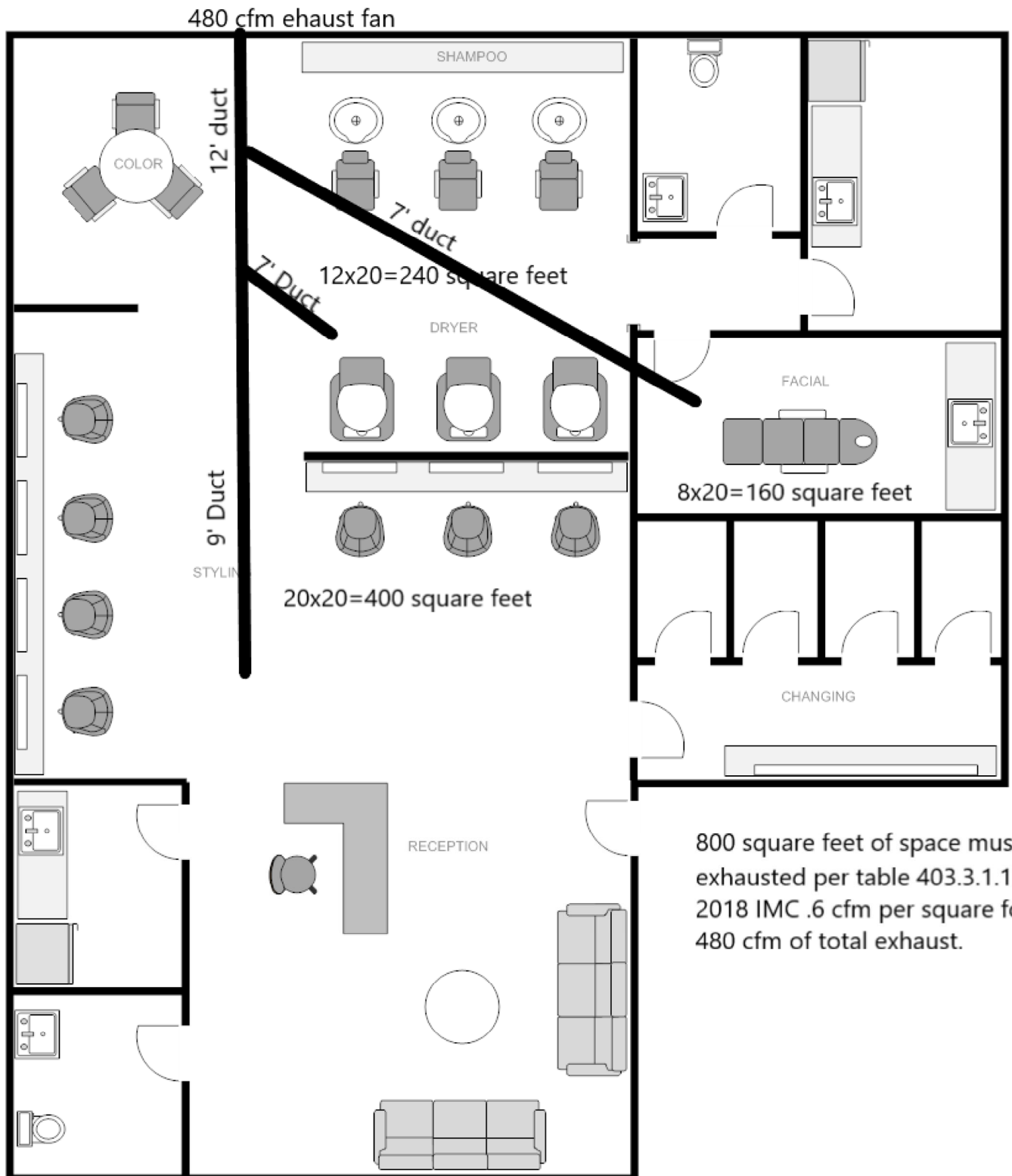
Permits are required by Ordinance. Work without a permit may be subject to removal or other costly remedies.

The purpose of this guide is to assist you in the permitting process. This handout is intended to cover information for a basic plan submittal and typical project under the building codes. It is not intended to cover all circumstances. Depending on the scope and complexity of your project, additional information may be required. Discuss your project with city staff to determine if it is subject to additional requirements.

TIPS ON HIRING CONTRACTORS

- ✓ Hire only licensed contractors.
- ✓ Get at least 3 bids.
- ✓ Get 3 references, and ask to see a project.
- ✓ Get it in writing, but before you sign the contract, make sure you completely understand.
- ✓ Do not make final payment until you have received a Certificate of Occupancy (CO) and until you are satisfied.
- ✓ Have the contractor apply for the required permits.

Example of Exhaust Details



Example of Duct Sizing

Round Metal Pipe

Duct Size	Design Airflow
5"	50
6"	85
7"	125
8"	180
9"	240
10"	325
12"	525
14"	750
16"	1200
18"	1500
20"	2000

160 square foot space requires 96 cfm and a 7" duct

240 square foot space requires 104 cfm and a 7" duct

400 square foot space requires 240 cfm and a 9' duct

Total exhaust requires 480 cfm and a 12' duct