


**From:** Matt Norman Matt.Norman@fortisconstruction.com 

**Subject:** FW: 942 Olive HVAC drawing

**Date:** September 14, 2015 at 2:07 PM

**To:** Kean Rager Kean.Rager@fortisconstruction.com, Landon Winter Landon.Winter@fortisconstruction.com, Martina Oxoby moxoby@uoregon.edu, Nancy Merryman nmerryman@merrymanbarnesarchitects.com, Keith Whiting kwhiting@merrymanbarnesarchitects.com

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Team –

See the attached design mark-ups from General Sheet Metal.

**Matt Norman |LEED AP BD+C| Fortis Construction, Inc. | 971 563 3290 | fortisconstruction.com**

[Use this link to upload files to Matt](#)

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**From:** Kevin Butz [mailto:kbutz@gsmw.com]

**Sent:** Thursday, September 10, 2015 12:17 PM

**To:** Matt Norman <Matt.Norman@fortisconstruction.com>

**Cc:** Aaron Wozniak <awozniak@jackola.com>; John Dowd <jdowd@gsmw.com>; Alex Brossart <Abrossart@gsmw.com>

**Subject:** 942 Olive HVAC drawing

Matt

Please see attached drawing.

A few things to note:

1. The print shop may not need a dedicated outside air unit depending on what the exhaust requirements are for the Laser Cutting machine. See blue cloud area for details if we need a dedicated unit or not. We will need a little more information before we can finalize this are.
2. Due to the large size of the entry area zone and the large conference room we had to add another furnace to take care of this area.
3. We reviewed the space required for access and the idea of moving the furnace above the bathroom by the Coffee Bar is not feasible. Instead we have located it in the hallway so it is out of the Flex Space room.
4. We currently do not show ducting to the back hallway with the bikes but we will be feeding this are from the Design Studio furnace.
5. The current design does not require a dedicated outside air unit for the fresh air for the entire building. Each furnace will be able to pull in the required amount of outside air from the return of the unit through a duct up and out the roof.

We will continue to work on these drawing towards getting you a set for permit. The only issue is a few of these questions with the printer shop will need to be nailed down for us to finalize things. As of right now you are requesting final drawings from us next Tuesday. We will do what we can to be ready with everything we know currently, the only catch may be the print lab.

Please let us know if you would like to setup a GoTo meeting or something to discuss some of these items.

John

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Please review the attached and do a takeoff for us to see where we are with the addition of one furnace and the current ducting layout. Our goal is to simplify the ducting to see what we can do to keep the cost down for Matt. All areas with t-bar and hard lid ceiling will have flex ducting from the main duct to the register. Let me know if you have any questions. I will be in the office tomorrow.

Aaron

Please let us know if I am missing anything we talked about.

Thanks



GENERAL SHEET METAL

Kevin Butz

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