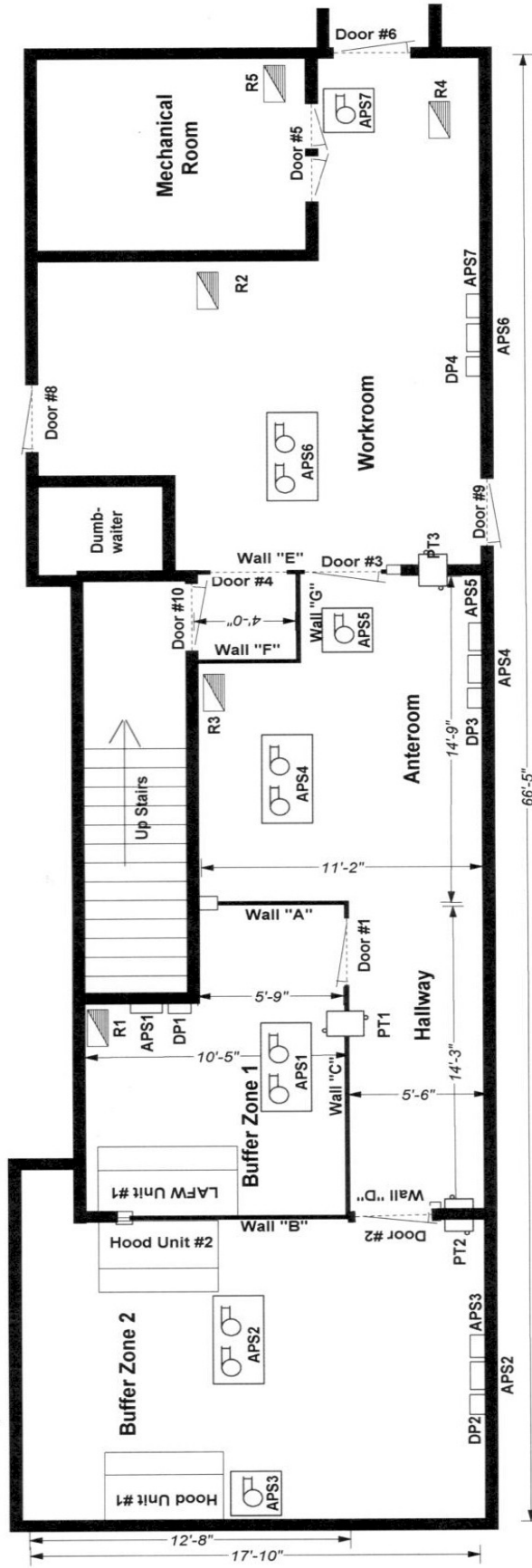


# Medical Oncology Infusion Center - OLOL Project 12-016

## MAS Project P-10-30-12

### Proposed Area Configuration - Attic Area (2nd Floor)



Room	Dimensions	Sealed Ceiling height	Peak Roof height	Total Room Area	Total Room Volume	To obtain minimum ACH:	CFM	Notes
Buffer Zone 1	12'-8" x 17'-10"	8'-0"	11'-5"	139 ft <sup>2</sup>	1,032 ft <sup>3</sup>	35 ACH:	650 CFM (Supply)	Positive offset of 200 CFM. Offset air to be exhausted under access door.
Buffer Zone 2	12'-8" x 17'-10"	8'-0"	11'-5"	227 ft <sup>2</sup>	1,526 ft <sup>3</sup>	35 ACH:	1060 CFM (Exhaust)	Negative offset of 300 CFM. Offset air to be exhausted by Hood to OET.
Buffer Zone 3	12'-8" x 17'-10"	8'-0"	11'-5"	226 ft <sup>2</sup>	1,808 ft <sup>3</sup>	15 ACH:	486 CFM (Supply)	Positive offset of 300 CFM. Offset air to be exhausted under access door.
Anteroom	11'-2" x 14'-9"	8'-0"	11'-5"	226 ft <sup>2</sup>	1,808 ft <sup>3</sup>	15 ACH:	486 CFM (Supply)	Positive offset of 300 CFM. Offset air to be exhausted under access door.
Workroom	8'-0" x 14'-9"	8'-0"	11'-5"	270 ft <sup>2</sup>	1,974 ft <sup>3</sup>	10 ACH:	329 CFM (Supply)	Positive offset of 200 CFM. Offset air to be exhausted under access door.

**Total Square feet = ~1,033**  
**Total Cubic Feet = ~6,340**

**Total CFM Supply Air Required = ~2,500 + Mechanical Room Air Required**

- Notes**
- This line drawing represents the area as it will be reconfigured.
  - Walls "A", "B", "C", "D", "E", and "G" will be cleanroom wall system panels with the upper half of the walls being transparent. They will be erected in the center of the room, to hardwall build-outs.
  - Doors "1", "2", "3", and "4" will be doors that will be included with the cleanroom walls.
  - There will be a dumbwaiter located in the Workroom as shown above.
  - Door #5 is double two (2) foot doors for the AHU Room and Door #6 is an emergency exit to the outside.
  - Dimensions are approximate but should be within 1'-2" of actual present dimensions.
  - The Hallway is wide enough to move chemo hoods into and out of Buffer Zone 2.
  - Extra square footage was added by constructing a platform on part of the stairs.
  - Doors #7, #8 and #9 are access doors for existing AHU maintenance. They must be sealed on all sides.

Medical Air Solutions, Inc.	
Drawing History	
Drawing P-10-30-12-1-A3	Author
Original: 01/30/2013	RHW
Revised: 02/08/2013	RHW
Revised: 02/11/2013	RHW
Revised: 02/20/2013	RHW
Revised: 03/01/2013	RHW
Revised: 05/23/2013	RHW