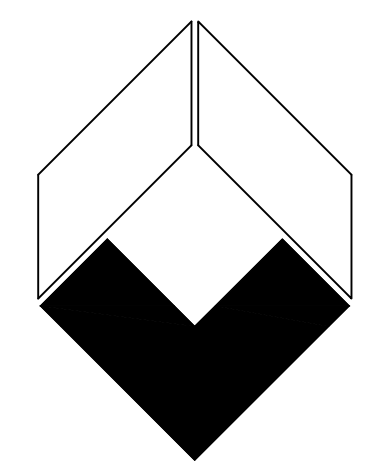


MECHANICAL HVAC PLAN  
SCALE: 3/16"=1'-0"

**GENERAL HVAC NOTES**

1. M.C. SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY WORK AS REQUIRED BY ALL APPLICABLE CODES AND GOVERNING AUTHORITIES.
2. CONTRACTOR SHALL VERIFY AND CORRECT MECHANICAL SYSTEMS AS REQUIRED TO MEET ALL CODES AND REGULATIONS.
3. VALVES AND FITTING SHALL BE OF THE SAME SIZE AS THE PIPING OF WHICH THEY ARE INSTALLED. UNLESS NOTED OTHERWISE.
4. THE DRAWINGS ARE DIAGRAMMATIC, CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS AT THE SITE PRIOR TO ANY INSTALLATION.
5. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SUPPORTING DEVICES FOR ALL FIXTURES INCLUDED IN THE CONTRACT DRAWINGS AND SPECIFIED.
7. PROVIDE DUCT ACCESS DOORS AT ALL MOTORIZED DAMPERS, FIRE DAMPERS, SMOKE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS, DUCT COILS AND DUCT HUMIDIFIERS.
8. LOCATIONS OF DIFFUSERS AND GRILLS ARE APPROXIMATE, REFER TO ARCHITECTURAL REFLECTED CEILING DRAWINGS AND COORDINATE LOCATIONS WITH LIGHTS, FIRE ALARM DEVICES, FIRE SPRINKLER HEADS AND ALL OTHER CEILING MOUNTED DEVICES. LIGHTING FIXTURES SHALL HAVE PRIORITY OVER DIFFUSERS AND GRILLS.
9. INDIVIDUAL FLEXIBLE DUCT RUNS SHALL BE LIMITED TO A MAXIMUM LENGTH OF 60 INCHES.
10. COORDINATE ELECTRICAL REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH E.C.
11. ALL REQUIRED CONTROL EQUIPMENT AND WIRING SHALL BE PROVIDED AND INSTALLED BY M.C.
12. NO COMBUSTIBLE MATERIALS ALLOWED WITHIN THE RETURN AIR PLENUM INCLUDING PVC PIPING.
13. WRAP ALL MEW RECTANGULAR AND ROUND DUCT WORK WITH 1-1/2" JOHNS MANVILLE MICROLITE XG TYPE T5 OR EQUAL.
14. REPLACE ALL FILTERS IN ALL HVAC EQUIPMENT UPON COMPLETION OF THE PROJECT. USE FILTER TYPE CURRENTLY IN USE IN EQUIPMENT; IF NO FILTER PRESENT PROVIDE A MERV 11 FILTER.
15. M.C. SHALL BALANCE ALL AIR SYSTEMS (INCLUDING EXHAUST) TO THE FLOW RATES INDICATED. PROVIDE A COPY OF THE BALANCE REPORT TO THE TENANT.
16. M.C. SHALL INSTRUCT TENANT ON THE PROPER USE OF ALL THERMOSTATS.
17. CLEAN ALL DUCTWORK MARKED AS "EXISTING TO REMAIN" (ETR). INSPECT DUCT LININGS IN SECTIONS OF DUCTWORK THAT IS TO REMAIN, IF LINING IS MOLDY OR SHOWS SIGNS OF DETERIORATION, REPLACE IT.
18. CLEAN ALL COILS, DRAIN PANS, UNIT CASINGS, FANS, BLADES AND HOUSINGS OF ALL EXISTING AIR HANDLING EQUIPMENT WITHIN THE WORK AREA.
19. REPAIR AND LEAKS IN EXISTING DUCTWORK TO BE REUSED; REINFORCE ALL SUPPORTS AND CONNECTIONS AS REQUIRED TO MEET CURRENT SMACNA STANDARDS. DUCTS THAT DO NOT CONFORM TO CURRENT CODES AND STANDARDS SHALL BE REPLACED.



a. paul Varanouskas > architect

architecture 46 foster road - suite 1  
 planning hopewell jct. ny 12533  
 interior design t 845-223-1009  
 f 845-223-1909

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Rev.	Date	Remarks

consultants mechanical  
 planners electrical  
 designers plumbing  
**WHITMAN**  
 ENGINEERING, P.C.  
 33 Arlington Avenue  
 Poughkeepsie, NY 12603  
 845-471-6036

KEY PLAN NOT TO SCALE

**ROOM NUMBERING**

- 100 MAIN WAITING
- 101 COORIDOR
- 102 NURSE/CLERICAL STATION
- 103 O.R. SCHED 1
- 104 O.R. SCHED 2
- 105 START OFFICE 1
- 106 PEDIATRICS WAIT.
- 107 SCHEDULERS
- 108 CONSULT 1
- 109 CONSULT 2
- 110 CONSULT 3
- 111 CONSULT 4
- 112 CONSULT 5
- 113 EYE LANE 5
- 114 CORRIDOR
- 115 START OFF 2
- 116 EYE LANE 6
- 117 EXAM 2
- 118 START OFF 3
- 119 EXAM 1
- 120 CORRIDOR
- 121 NURSE STATION 2
- 122 MED ROOM
- 123 EXAM 4
- 124 EXAM 3
- 125 CORRIDOR
- 126 SUB-WAIT. 2
- 127 LASER ROOM
- 128 RETINAL CAMERA
- 129 CORRIDOR
- 130 CORRIDOR
- 131 UTILITY ROOM
- 132 AUTO REF
- 133 STORAGE
- 134 IT ROOM
- 135 STORAGE
- 136 STORAGE
- 137 EYE LANE 4
- 138 EYE LANE 2
- 139 CORRIDOR
- 140 EYE LANE
- 141 STORAGE
- 142 SUB-WAIT. 1
- 143 PATIENT HCT
- 144 DIRTY UTILITY
- 145 EYE LANE 1
- 146 CORRIDOR
- 147 BREAKROOM
- 148 STAFF HCT
- 149 RECEPTION

**PLAN NOTES**

- (M1-1) CUT BACK AND CAP EXISTING DUCT.
- (M1-2) MAKE FLEXIBLE, MILDEW-PROOF, FIRE-PROOF, CONNECTION TO EXISTING AIR HANDLER.
- (M1-3) MAKE NEW TRANSITION TO EXISTING DUCT.
- (M1-4) METAL OUTDOOR HOOD WITH BIRD SCREEN. COLOR TO MATCH BUILDING EXTERIOR. M.C. TO CORE HOLE THROUGH BUILDING WALL ABOVE HUNG CEILING; PATCH AROUND DUCT WATERTIGHT; AND PAINT/ RESTORE EXTERIOR BUILDING WALL AROUND HOOD.
- (M1-5) PROVIDE 7 DAY PROGRAMMABLE THERMOSTAT CAPABLE OF OPERATING ALL HEATING, VENTILATING, AND COOLING FUNCTIONS OF ASSOCIATED MECHANICAL EQUIPMENT. PROVIDE CONTROL WIRES BETWEEN THERMOSTAT AND MECHANICAL EQUIPMENT AS REQUIRED. CONTROL WIRING TO BE RUN CONCEALED.

Proposed Alterations For  
**Ophthalmology Department**  
 at  
 90 South Bedford Road  
 Mount Kisco, NY 10549

Date: 1-11-10	Project No: 90051
Drawn By: DW	Scale: AS NOTED

**MECHANICAL HVAC LAYOUT**

Seal	Drawing No: <b>M - 1</b>
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