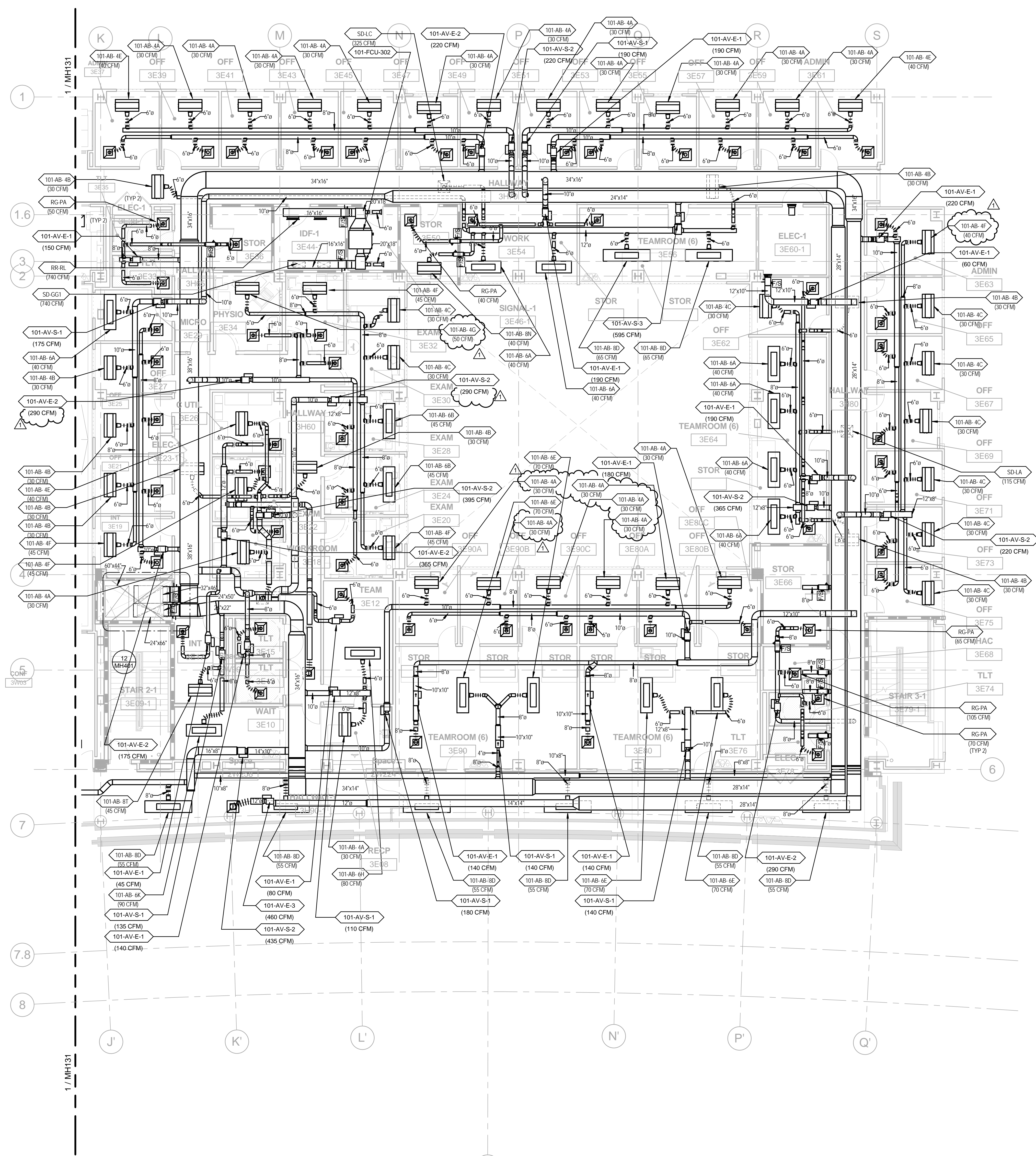


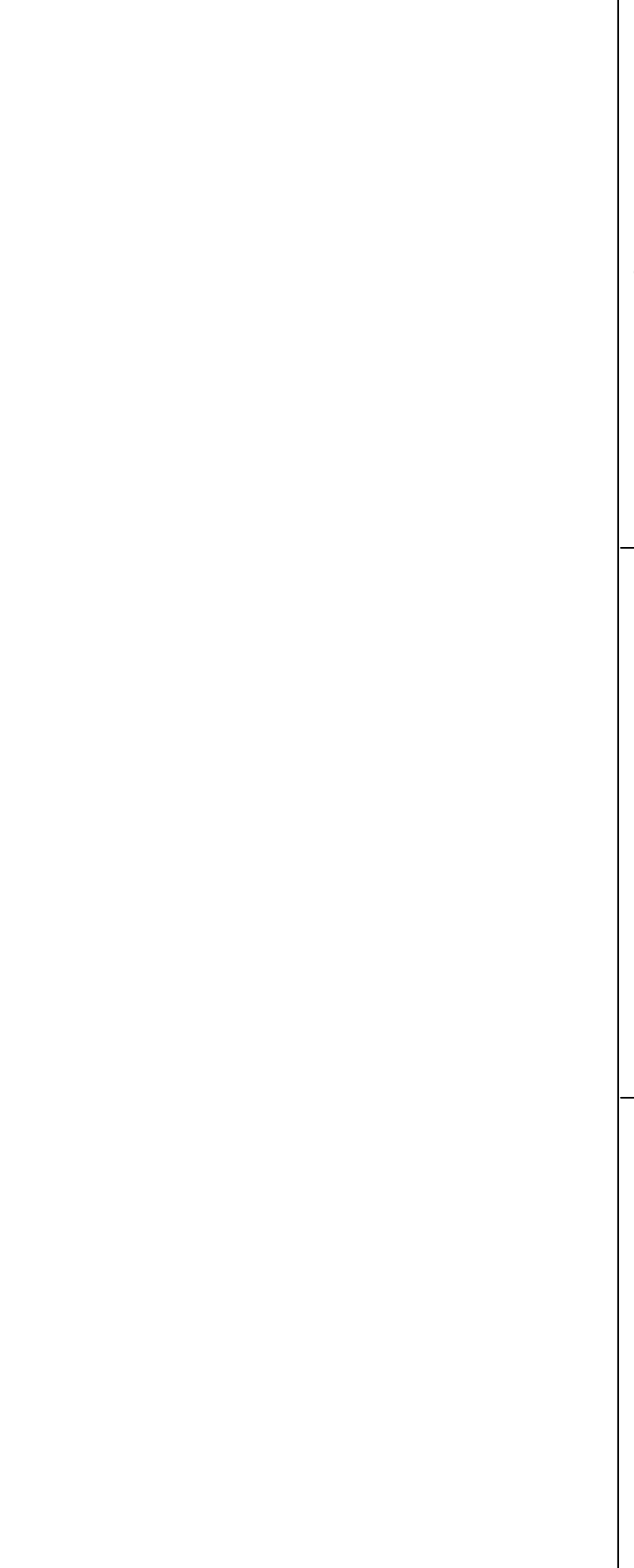
three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 one quarter inch = one foot  
 three quarter inch = one foot  
 one half inch = one foot  
 three eighth inch = one foot  
 one eighth inch = one foot



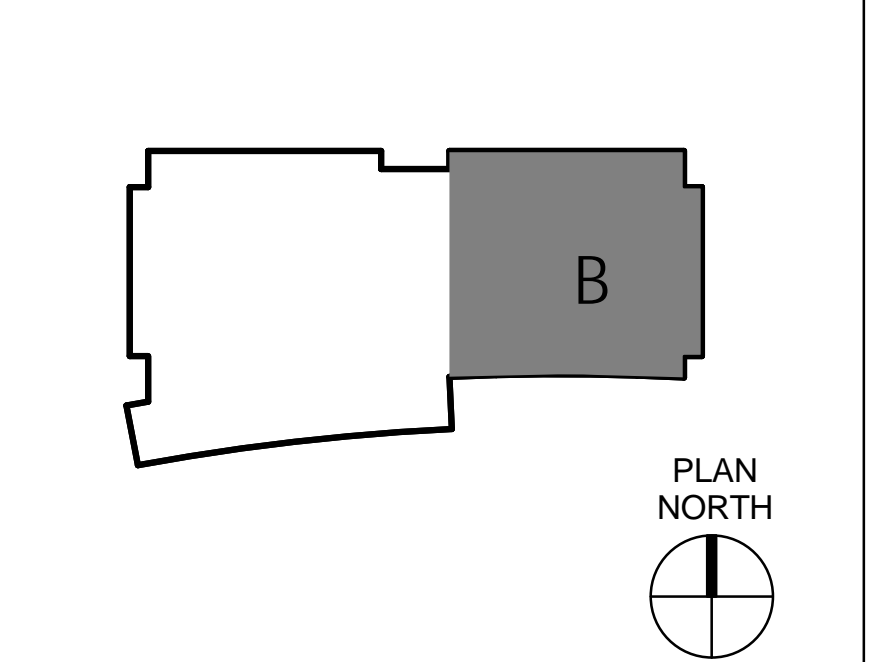
**NOTES**

1. DUCTS TO BE SOUNDLINED 3' UPSTREAM AND DOWNSTREAM OF PINCH BOXES.
2. FLEX DUCT LENGTH NOT TO EXCEED FIVE FEET.
3. COMPLY WITH IMC SECTION 5.10 DUCT CONSTRUCTION AND MANIFOLDING.
4. ALL NON-LAB SPACES TO BE SERVED BY AV BOXES OF A SIZE TO MATCH INCOMING SUPPLY DUCT.
5. EXHAUST DIFFUSERS IN EACH ROOM SHALL HAVE SAME CFM AS TOTAL OF SUPPLY DIFFUSERS, EXCEPT WHERE NOTED. ALL EXHAUST DIFFUSERS SHALL BE MARK RG-PA, PG-PB, RG-PC, RG-PD, OR RG-PE AND SELECTED SO THAT NECK SIZE MATCHES THE DUCT SIZE SHOWN ON THE DRAWING.
6. SEE DETAILS FOR MANUAL VOLUME DAMPER IN THE BRANCH DUCT SERVING EACH SUPPLY OR EXHAUST DIFFUSER.
7. LAB FUME HOOD EXHAUST DUCT TO BE 316L STAINLESS STEEL. DUCT TO HAVE 2-HOUR FIRE WRAP ONCE IT HAS PENETRATED THE FIRE BARRIER.
8. LAB SPACES WITH FUME HOODS TO BE PROVIDED WITH VENTURI AIR CONTROL VALVES ON EXHAUST AND RETURN. OTHER LAB SPACES AND ALL SUPPLY TO BE SERVED WITH EITHER VENTURI VALVE OR CONSTANT VOLUME PRESSURE INDEPENDENT VALVE.

**KEY NOTES**



**KEY PLAN**



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**ARCHITECT**  
  
**STANTEC | THE DESIGN PARTNERSHIP**  
 Approved: Project Director

**ARCHITECT**

Drawing Title  
 MH&R - LEVEL 3, SECTOR B HVAC FLOOR PLAN  
 Drawing Scale  
 1/8" = 1'-0"

Project Title  
 Building 101 Mental Health Services VAPSHCS Seattle  
 Division - Phase 2  
 MENTAL HEALTH AND RESEARCH BUILDING  
 Location  
 1660 South Columbian Way, Seattle, WA 98105  
 Date  
 JUNE 05, 2013  
 Checked  
 Author

Office of Construction and Facilities Management  
 Department of Veterans Affairs  
 Project Number  
 VAF 663-405B  
 Building Number  
 B101 Mental Health Services  
 Drawing Number  
 MH132  
 Volume 2b