

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

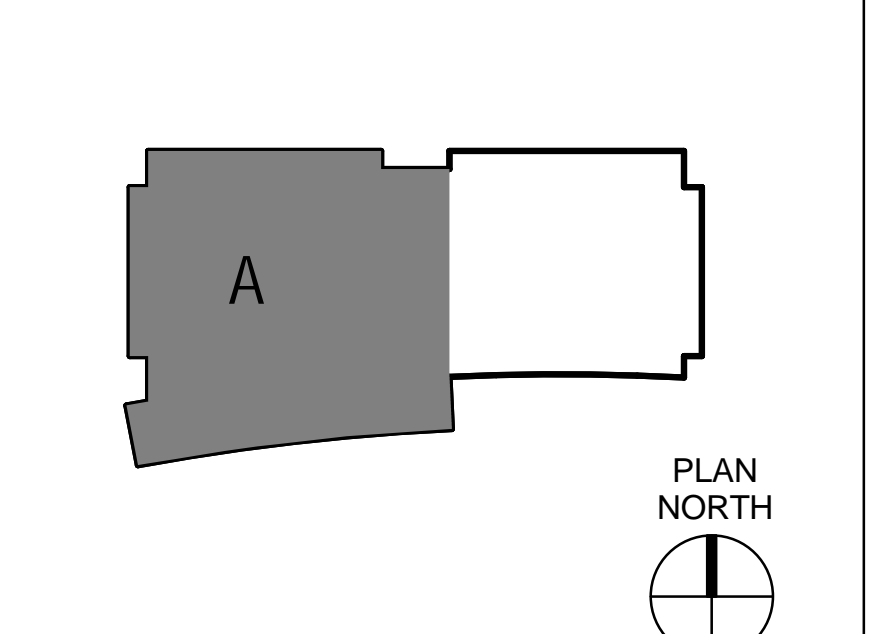
**NOTES**

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**

- 1 101-FTR-14, 15, 16, 17 & 18. 100 CFM TO EACH
- 2 MAKE DUCT CONNECTION TO FUME HOOD
- 3 MAKE DUCT CONNECTION TO SMOKEKEL
- 4 PROVIDE 2HR FIRE RATED ENCLOSURE OR FIRE-WRAP TO DUCT TO EXTENT SHOWN
- 5 16\"/>

**KEY PLAN**



AMENDMENT A00004	07.14.2014
AMENDMENT A00002	06.19.2014
BID DOCUMENTS	05.30.2014
CONSTRUCTION DOCUMENT CD2	06.05.2013

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**ARCHITECT**

**STANTEC | THE DESIGN PARTNERSHIP**

Drawing Title	MH-8 - GROUND FLOOR, SECTOR A HVAC FLOOR PLAN
Drawing Scale	1/8" = 1'-0"
Approved: Project Director	

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	
Drawn	

Project Number  
VAF 663-405B

Building Number  
B101 Mental Health Services

Drawing Number  
MH101

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