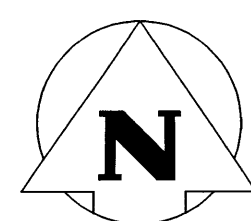
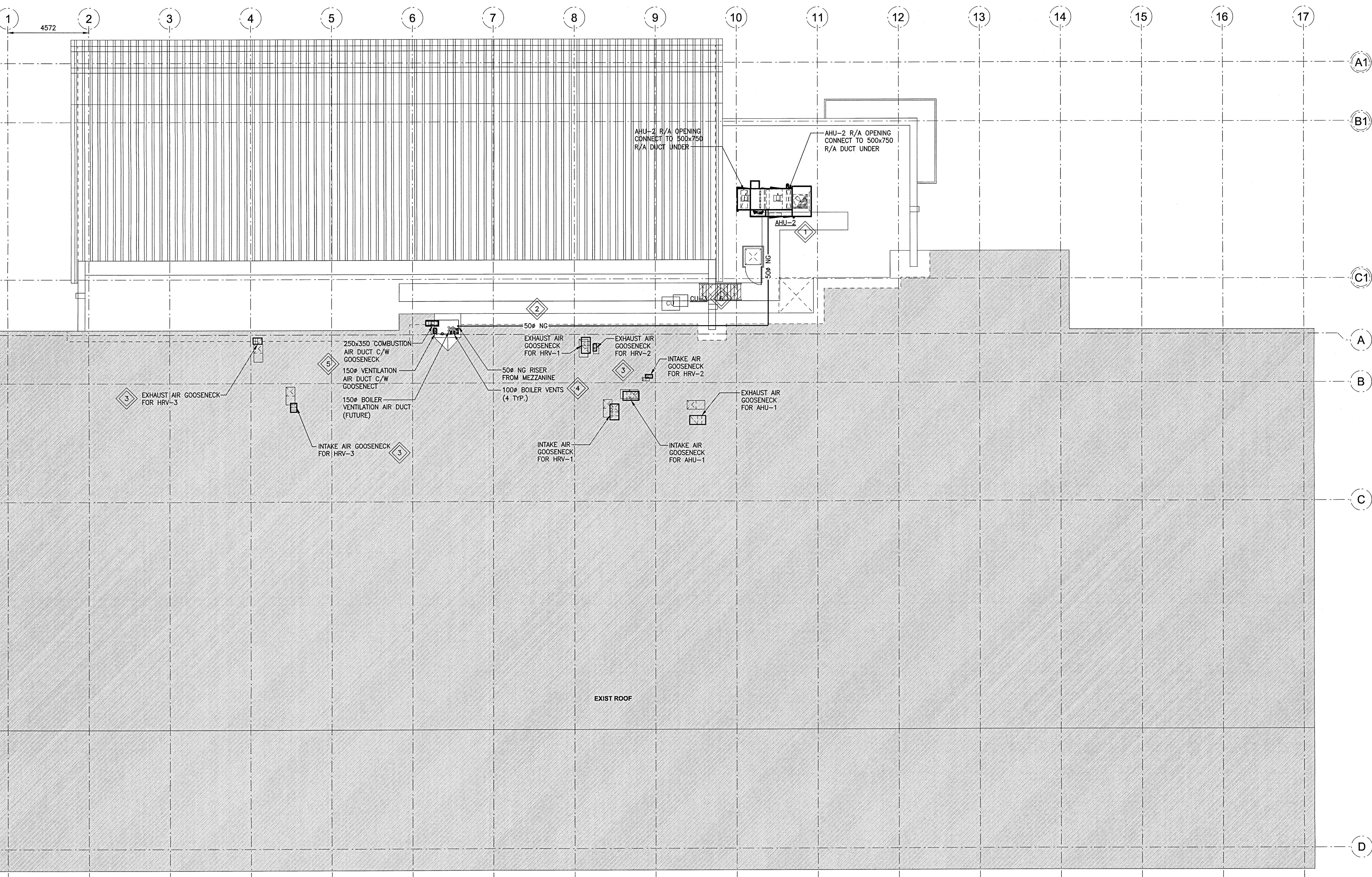


File Name: P:\Projects\2014\14-1736-008\Drawings\14-1736-008\_M3-03.dwg - Tab: M3-03 Plotted By: dderochie 16/12/07 [Wed 3:43pm]



**1** ROOF PLAN - NEW HVAC  
 SCALE: 1:100mm (24"x36")

**KEYNOTES:**

- 1 SUPPLY AND INSTALL AHU-2 ON PERIMETER ROOF CURB AND CONNECT DUCTWORK AS SHOWN ON M3-01 AND DETAILED ON M5-01. SEAL ALL PENETRATIONS WATER AND AIR TIGHT.
- 2 PROVIDE AND INSTALL GAS PIPING FROM NEW BASEMENT MECHANICAL ROOM TO AHU-2. SUPPORT ROOF TOP GAS PIPING WITH NEOPRENE MANUFACTURED SUPPORTS.
- 3 SUPPLY AND INSTALL ROOFTOP GOOSENECK DUCT FOR EXHAUST AIR AND INTAKE AIR FOR EQUIPMENTS HRV-1, HRV-2, HRV-3 AND AHU-1. LOCATE EXHAUST AIR AND INTAKE AIR A MINIMUM OF 3 METERS (10 FT.) APART.
- 4 SUPPLY AND INSTALL BOILER FLUE VENTS THROUGH ROOF. SEAL WATER AND AIR TIGHT. LOCATE VENTS A MINIMUM 5 METERS (15 FT) AWAY FROM AIR INTAKE.
- 5 SUPPLY AND INSTALL COMBUSTION AIR DUCT AND VENTILATION AIR DUCT FROM THE NEW MECHANICAL ROOM TO THE ROOF. PROVIDE GOOSENECK ON COMBUSTION AIR DUCT AND RAIN CAP ON VENTILATION AIR DUCT. ENSURE PROPER DISTANCES BETWEEN INTAKES ARE MAINTAINED ACCORDING TO CODE.
- 6 EXISTING CONDENSING UNIT RELOCATED FROM GRADE. DESIGN, SIZE, SUPPLY AND INSTALL ALL INSULATED REFRIGERANT PIPING. ROUTE PIPING THROUGH PITCH POCKET TO INDOOR AHU.

SCALE VERIFIED BY: *SLC*



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Issue / rev.
0 2016/12/08 ISSUED FOR CONSTRUCTION
# date issue notes

professional seals



project information

**SEVEN OAKS POOL**  
 444 Adsum Drive  
 Winnipeg, MB  
 Canada

client

drawing information

**MECHANICAL ROOF PLAN NEW HVAC**  
 drawn by: RLR  
 approved by: *[Signature]*  
 scale: AS NOTED  
 date issued: 2016.12.08  
 proj #: 14-1736-008  
 rev #: R-0

**SEVEN OAKS POOL RENOVATION & ADDITION**  
 BID OPPORTUNITY NO. 1044-2016

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