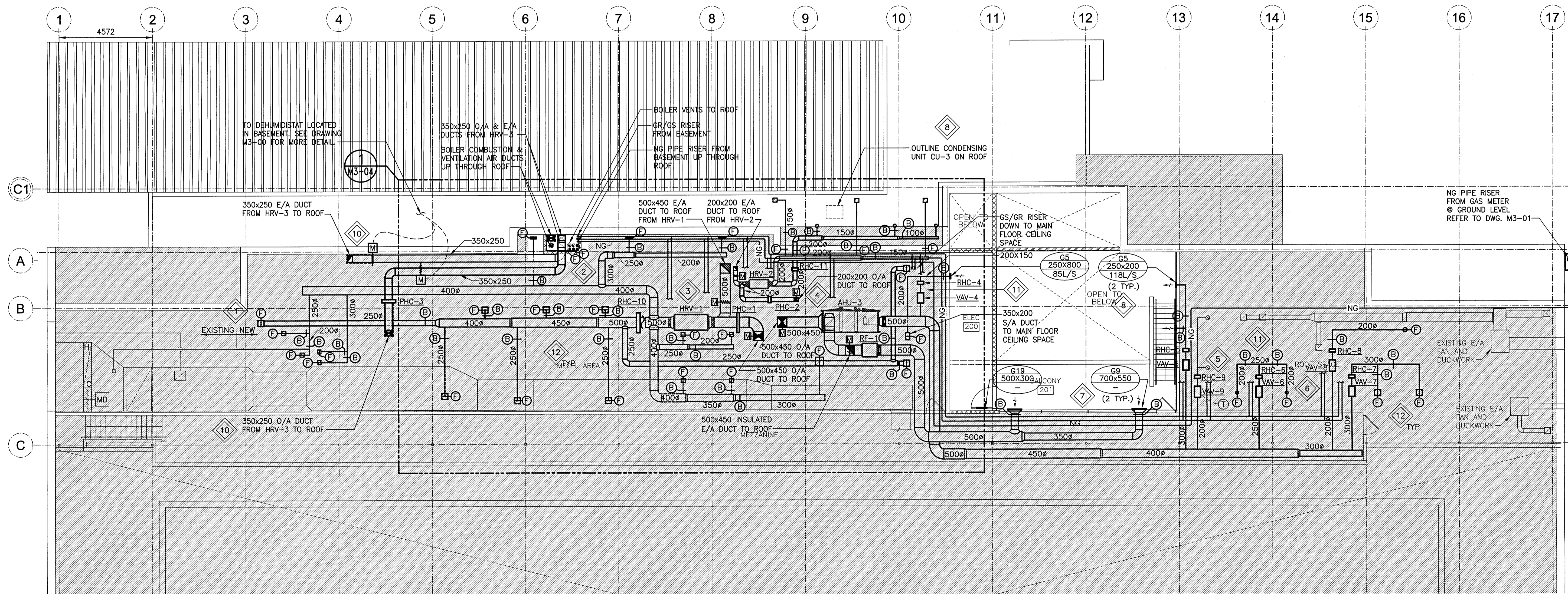


KEYNOTES:

- 1 CONNECT NEW DUCTWORK TO EXISTING DUCT SERVING STORAGE ROOM.
- 2 PROVIDE NEW DUCTWORK AND NEW GRILLES SERVING CHANGE BOOTHS.
- 3 PROVIDE AND INSTALL HRV-1, HRV-2 AND ASSOCIATED DUCTWORK. SUPPORT FROM FLOOR C/W VIBRATION ISOLATORS AND FLEXIBLE DUCT CONNECTIONS. PROVIDE ROOF TOP GOOSENECKS FOR OUTSIDE AIR AND EXHAUST LOCATED 15FT AWAY FROM EACH OTHER. INSULATE DUCTWORK CONNECTED TO OUTDOORS.
- 4 PROVIDE AND INSTALL AHU-3 ON NEW HOUSEKEEPING PAD C/W RETURN FAN RF-1, ASSOCIATED DUCTWORK, AND SUPPLY AND EXHAUST FAN GOOSENECKS. LOCATE SUPPLY AND EXHAUST GOOSENECKS 15FT AWAY FROM EACH OTHER.
- 5 CONNECT NEW DUCTWORK, VAV-9, HC-9 TO SERVE MEZZANINE LEVEL.
- 6 SUPPLY AND INSTALL VAV-6 IN THE MEZZANINE AT HIGH LEVEL C/W VIBRATION ISOLATION, FLEXIBLE DUCT CONNECTIONS, AND RHC-6. PROVIDE ACCESS DOOR FOR RE-HEAT COIL MAINTENANCE.

- 7 PROVIDE NEW RETURN DUCT LOCATED IN MEZZANINE BULKHEAD. RETURN GRILLES LOCATED AT HIGH LEVEL ABOVE BALCONY.
- 8 INSTALL EXISTING GROUND MOUNTED CONDENSING UNIT ON ROOF TO SERVE AHU-3. INSTALL INSULATED REFRIGERANT LINES BETWEEN CU-3 AND AHU-3.
- 9 PROVIDE NEW SIDEWALL GRILLES SERVING LOBBY IN EXISTING GRILLE PENETRATION LOCATION. MODIFY PENETRATION TO SUIT.
- 10 INSULATE EXHAUST DUCT UP TO NEW MOTORIZED DAMPER AND INSULATE OUTDOOR AIR DUCT UP TO NEW HRV-3 IN BASEMENT.
- 11 SUPPLY AND INSTALL VAV-4, VAV-5, VAV-7 AND VAV-8 IN THE MEZZANINE. SUPPORT FROM FLOOR AND PROVIDE ASSOCIATED RE-HEAT COILS. PROVIDE ACCESS DOOR FOR RE-HEAT COIL MAINTENANCE.
- 12 SUPPORT ALL NEW EQUIPMENT AND DUCTWORK IN MEZZANINE AREAS FROM FLOOR.

NOTE: ALL INDOOR SUPPLY AIR DUCT IS THERMALLY INSULATED. REFER TO SPECIFICATIONS.

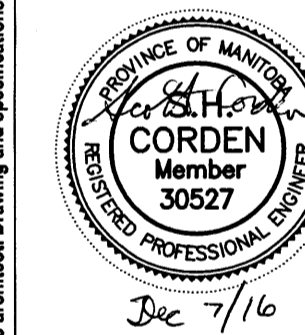


1 MEZZANINE PLAN - NEW HVAC
SCALE: 1:100

issue / rev.

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

professional seals



project information

SEVEN OAKS POOL

444 Adsum Drive
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client

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drawing information

MECHANICAL MEZZANINE FLOOR PLAN NEW HVAC

drawn by: RLR

approved by: [Signature]

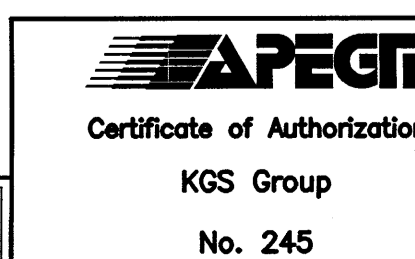
scale: AS NOTED

date issued: 2016.12.08

proj. #: 14-1736-008

rev. #: R-0

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



SCALE VERIFIED BY: [Signature]

