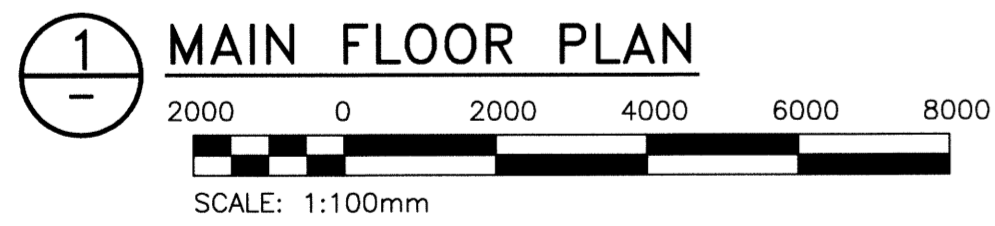
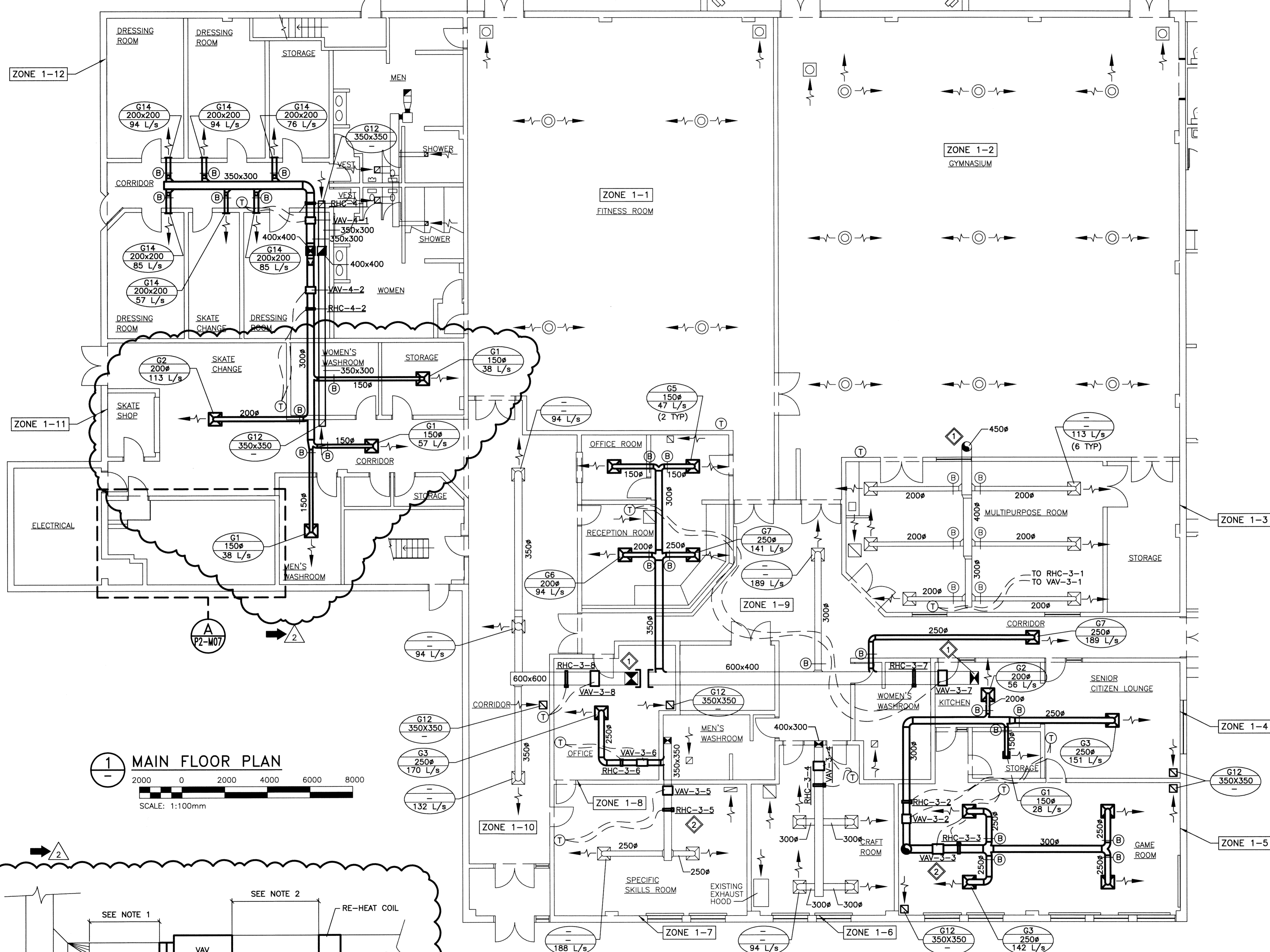
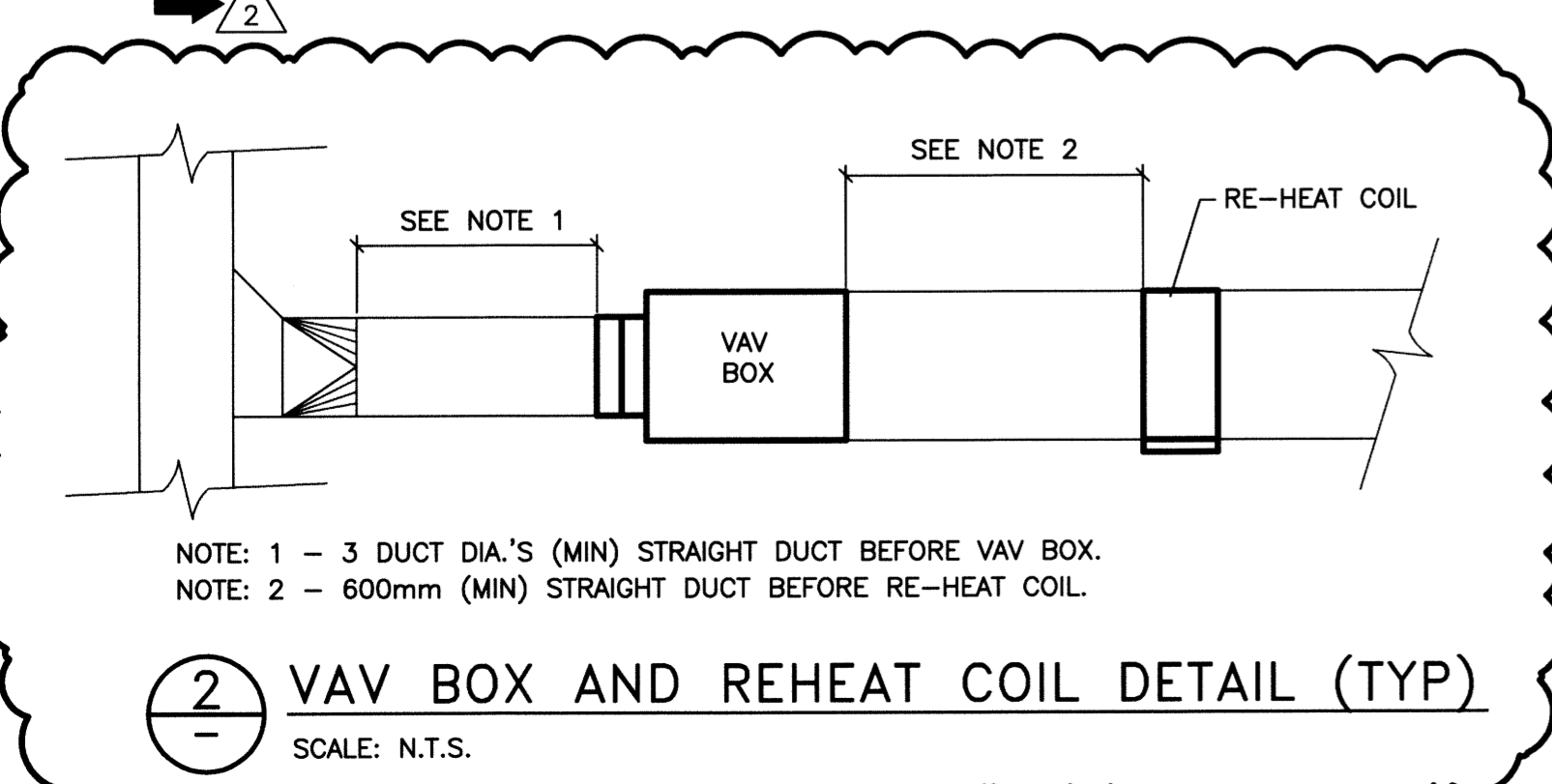


WEST WING EAST WING



1 MAIN FLOOR PLAN



2 VAV BOX AND REHEAT COIL DETAIL (TYP)

NOTE: 1 - 3 DUCT DIA.'S (MIN) STRAIGHT DUCT BEFORE VAV BOX.
NOTE: 2 - 600mm (MIN) STRAIGHT DUCT BEFORE RE-HEAT COIL.

GENERAL NOTES:

- PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- REVIEW EQUIPMENT LOCATIONS WITH CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.
- DUCT ROUTING INDICATED ON DRAWINGS ARE APPROXIMATE ONLY, CONFIRM IN FIELD, REROUTE DUCTING TO ELIMINATE FIELD INTERFERENCES WITH BUILDING STRUCTURES, ELECTRICAL, ETC. CONFIRM CHANGES WITH CONTRACT ADMINISTRATOR.
- CONFORM TO SMACNA STANDARDS FOR SUPPLY AND INSTALLATION OF DUCTWORK.
- PROVIDE ALL WALL/ROOF PENETRATIONS AND CURBS.
- SEAL ALL WALL/ROOF PENETRATIONS AND DUCTWORK WATER/AIR TIGHT.
- PROVIDE ACCESS DOORS FOR ALL EQUIPMENT AND DAMPERS LOCATED ABOVE DRYWALL CEILINGS.
- REVISE SPRINKLER PIPING WHERE REQUIRED TO FACILITATE INSTALLATION OF NEW HVAC SYSTEM. SPRINKLER MODIFICATION TO BE DESIGNED BY A QUALIFIED SPRINKLER ENGINEER TO MEET NEPA 13.

KEY NOTES:

- RUN UP AND CONNECT TO NEW SUPPLY DUCT IN MEZZANINE SEE DRAWING M6 (TYP).
- INSTALL NEW VAV BOXES AND RE-HEAT COILS AS SHOWN (TYP). MODIFY EXISTING DUCTWORK TO SUIT WHERE REQUIRED.

LEGEND:

- NEW EQUIPMENT OR DUCTWORK
- EXISTING EQUIPMENT OR DUCTWORK
- ZONE BOUNDARIES
- THERMOSTAT
- BALANCE DAMPER
- RE-HEAT COIL
- VARIABLE AIR VOLUME BOX
- GRILLE NO.
- NECK SIZE (mm)
- AIR FLOW

TEMPERATURE ZONES

AIR HANDLING UNIT	ZONE	VAV/RHC
AHU-1	1-1 - FITNESS ROOM	-
AHU-2	1-2 - GYMNASIUM	-
AHU-3	1-3 - MULTI-PURPOSE ROOM	VAV 3-1/RHC 3-1
	1-4 - SENIOR'S LOUNGE, ETC.	VAV 3-2/RHC 3-2
	1-5 - GAMES ROOM	VAV 3-3/RHC 3-3
	1-6 - CRAFT ROOM	VAV 3-4/RHC 3-4
	1-7 - SKILLS ROOM	VAV 3-5/RHC 3-5
	1-8 - OFFICE	VAV 3-6/RHC 3-6
	1-9 - RECEPTION, ETC.	VAV 3-7/RHC 3-7
	1-10 - CORRIDOR	VAV 3-8/RHC 3-8
AHU-4	1-11 - SKATE CHANGE, ETC.	VAV 4-1/RHC 4-1
	1-12 - DRESSING ROOMS, ETC.	VAV 4-2/RHC 4-2
	2-1 - STUDIO	VAV 4-3/RHC 4-3
	2-2 - OFFICE	VAV 4-4/RHC 4-4
	2-3 - BOARDROOM	VAV 4-5/RHC 4-5
	2-4 - WASHROOMS	-

KGS FILE NO.: P:\PROJECTS\2011\1-0107-02\DWG\MECH\11-0107-02-M5.dwg



NO.	REVISIONS	DATE	BY	DATE
2	ISSUED FOR ADDENDUM	13/04/17		
1	RE-ISSUED FOR TENDER	13/03/08	PSS	
0	ISSUED FOR TENDER	12/04/11	PSS	

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DESIGNED BY PSS
 CHECKED BY RED
 DRAWN BY VJH
 APPROVED BY PSS

HOR. SCALE: AS SHOWN
 VERTICAL: .

RELEASED FOR CONSTRUCTION: .



THE CITY OF WINNIPEG
 PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT

PROJECT TITLE: FORT ROUGE LEISURE CENTRE HVAC UPGRADE - PHASE 2
 BID OPPORTUNITY NO. 190-2013

SHEET OF: 001 OF 001
 COMPUTER FILE NAME: 11-0107-02-P2-M05
 CITY DRAWING NUMBER: .

ENGINEER'S SEAL: P2-M05