

Contractor to verify all dimensions
& conditions on site and immediately
notify the engineer of all discrepancies.

revisions	description	date
0	ISSUED FOR DESIGN DEVELOPMENT	2013/02/22
1	ISSUED FOR 98% CONSTRUCTION DOCUMENTS (VOL. 1)	2013/06/15
2	ISSUED FOR 98% CONSTRUCTION DOCUMENTS (VOL. 2)	2013/06/29
3	ISSUED FOR 98% CONSTRUCTION DOCUMENTS (VOL. 2)	2013/10/16
4	ISSUED FOR 98% CONSTRUCTION DOCUMENTS (VOL. 2)	2013/10/16
5	ISSUED FOR ADDENDUM NO. 1	2013/12/20

A	A: detail no.
C	B: location drawing no.
	C: drawing no.
	design no.

project
SIR FREDERICK BANTING
RESEARCH CENTRE
ANIMAL TO WET LAB CONVERSION

251 SIR FREDERICK BANTING WAY ON

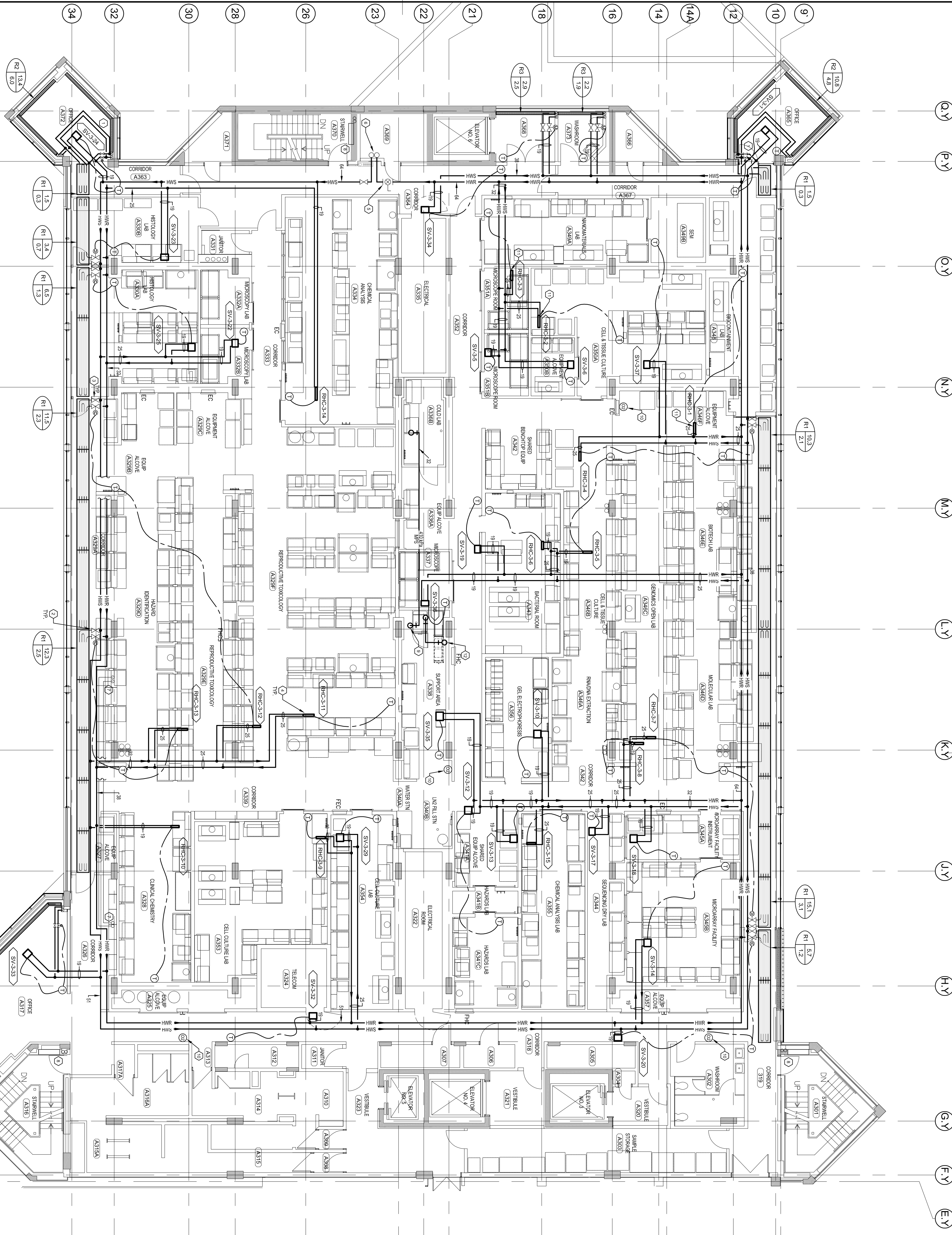
drawing
THIRD FLOOR PLAN
HYDRONICS

Designed By	M. SCHENK	Conçu par	(yyyy/mm/dd)
Date			
Drawn By	M. SCHENK	Dessiné par	(yyyy/mm/dd)
Date			
Reviewed By	S. DIACHUN	Examiné par	(yyyy/mm/dd)
Date			
Approved By	S. DIACHUN	Approuvé par	(yyyy/mm/dd)
Date			
Tender		Submission	
Project Manager	Administrateur de projets		
Project no.	R.044033.002	No. du projet	
Drawing no.	MH130-X1	No. du dessin	

- GENERAL NOTES:
- HWS 4MM MAINS TO RUN UP HIGH TIGHT TO UNDERSE OF STRUCTURE. BRANCH LINES TAKE OFF BOTTOM OF MAINS TO PASS UNDER EXISTING BASEBOARD RADIATION. SUPPLEMENTARY LOW-POINT DRAINS AS NEEDED.
 - COORDINATE SPRING INSTALLATION ON SITE DUCTWORK AND ELECTRICAL CONDUIT.
 - COORDINATE EXACT RUA, SPACE TO AVOID CONFLICT WITH INTERIOR FURNISHINGS, EQUIPMENT AND WALL MOUNTED ACCESSORIES.
 - EXACT DIMENSIONS OF BASEBOARD RADIATION AND RADIANT PANEL, TO BE SITE COORDINATED WITH THE ARCHITECT. SUPPLEMENTARY INSTALLATION SUBMIT LAYOUT PLANS FOR REVIEW WITH SHOP DRAWINGS.

DRAWING KEYNOTES:

- OFFICE BASEBOARD RADIATION AND CORRIDOR RADIANT PANEL, TO SHARE RADIANT PANEL CONTROL VALVE.
- RADIANT PANEL CONTROL VALVES LOCATED ABOVE T-BAR CEILING.
- 18mm HWS AND HWR LINES TO RADIANT PANEL, REFER TO DETAIL 3.0 ON DWG 8601 FOR TYPICAL.
- REFER T-BAR CEILING.
- CIRCUIT BALANCING VALVE SET TO 4.2 L/S.
- 6mm HWS AND HWR LINES UP.
- EXISTING ONS AND CWR LINES TO REMAIN, COORDINATE ON SITE.
- EXISTING HEATER AND ASSOCIATED HEATING LINES TO REMAIN, COORDINATE ON SITE.
- CONNECT TO AUTOCLAVE AREA.
- OXYGEN LEVEL MONITOR.
- PROVIDE 3MM HEATING CONTROL VALVE ON THIS COIL.
- AUTOCALVE SPRING DISCHARGE SPRING UP TO REMAIN, COORDINATE WITH ARCHITECT. MANUFACTURERS RECOMMENDATIONS, APPLICABLE CODES AND REQUIREMENTS OF ALL COVER WITH 20mm THICK TYPE A-3 PIPE INSTALLATION.



A1 THIRD FLOOR PLAN - HYDRONICS