

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	2013/10/16
4	ISSUED FOR ADDITIONAL WORK	2013/12/20
5	ISSUED FOR 98% CONSTRUCTION DOCUMENTS	2013/10/16

A	A detail no.
C	C drawing no.

project  
SIR FREDERICK BANTING  
RESEARCH CENTRE  
ANIMAL TO WET LAB CONVERSION

251 SIR FREDERICK BANTING WAY ON

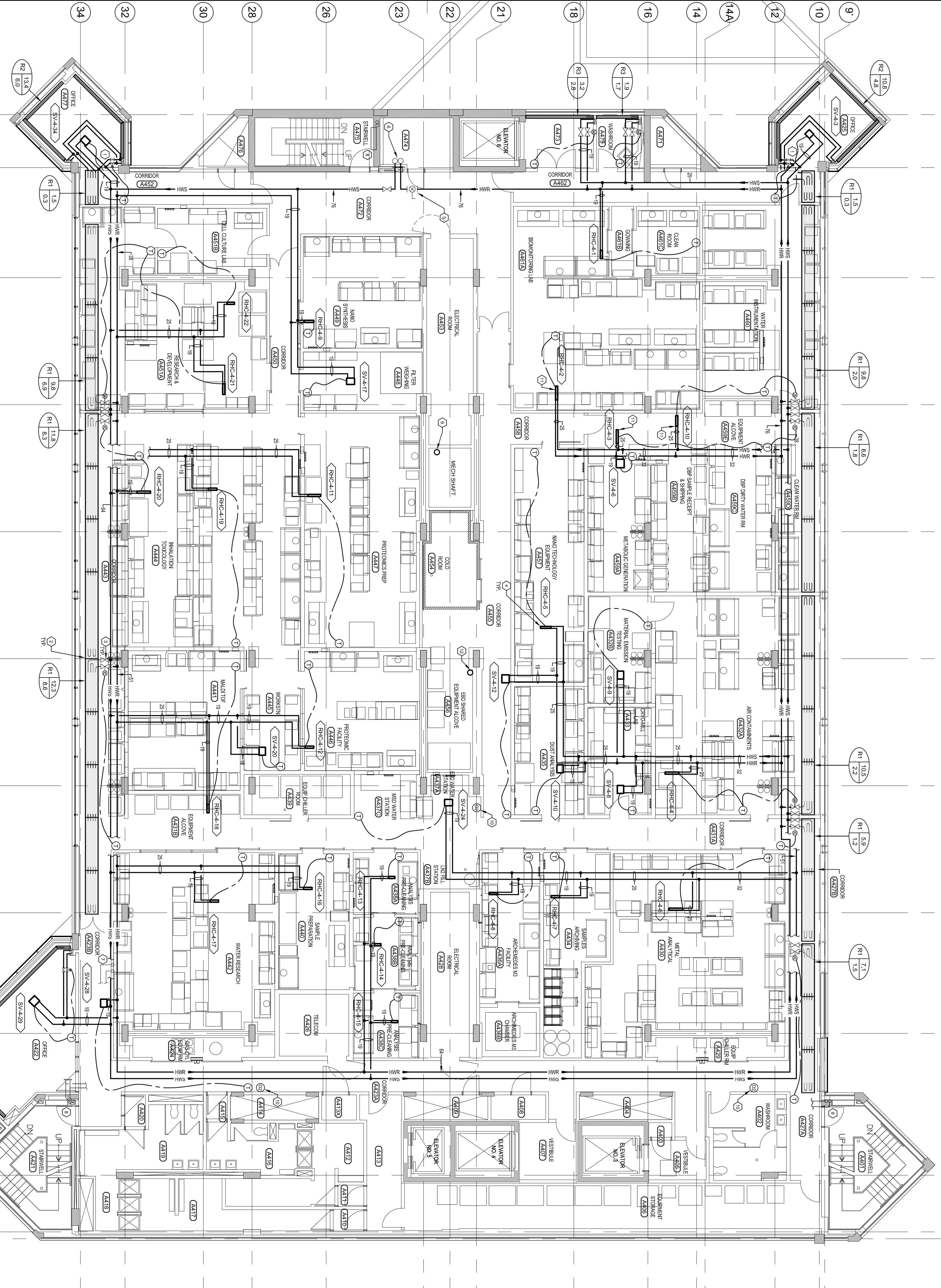
drawing  
FOURTH FLOOR PLAN  
HYDRONICS

Designed By	M. SCHENIK	Conçu par	(yyyy/mm/dd)
Date		Dessiné par	(yyyy/mm/dd)
Drawn By	M. SCHENIK	Examiné par	(yyyy/mm/dd)
Date		Approuvé par	(yyyy/mm/dd)
Approved By	S. DIACHUN	Approuvé par	(yyyy/mm/dd)
Date		Approuvé par	(yyyy/mm/dd)
Tender		Approuvé par	(yyyy/mm/dd)
Project Manager	Administrateur de projets	Approuvé par	(yyyy/mm/dd)
Project no.	R.044033.002	Approuvé par	(yyyy/mm/dd)
Drawing no.	MH140-X1	Approuvé par	(yyyy/mm/dd)

- GENERAL NOTES:
- HWS & HWL MAINS TO RUN UP HIGH TIGHT TO UNDERSIDE OF STRUCTURE. BRANCH LINES TAKE OFF BOTTOM OF MAINS TO PASS UNDER EXISTING BASEBOARD RADIATORS. BRANCH LINES TO BE COORDINATED WITH MECHANICAL ENGINEER. SUPPLEMENTARY LOW-POINT DRAINS AS NEEDED.
  - COORDINATE PIPING INSTALLATION ON SITE DUCTWORK AND ELECTRICAL CONDUIT.
  - TEMPERATURE SENSORS PLACED ON SITE TO AVOID CONFLICT WITH INTERIOR FINISHES. EQUIPMENT AND WALL MOUNTED ACCESSORIES.
  - EXACT DIMENSIONS OF BASEBOARD RADIATION AND RADIANT PANEL TO BE SITE COORDINATED WITH MECHANICAL ENGINEER. COORDINATE WITH THE CEILING INSTALLATION. SUBMIT LAYOUT PLANS FOR REVIEW WITH SHOP DRAWINGS.

DRAWING KEYNOTES:

- OFFICE BASEBOARD RADIATION AND CORRIDOR RADIANT PANEL TO SHARE COMMON CONTROL VALVE.
- RADIANT PANEL CONTROL VALVES LOCATED ABOVE T-BAR CEILING.
- 18mm HWS AND HWL LINES TO RADIANT PANEL. REFER TO DETAIL 3.0 ON DRAWING FOR TYPICAL.
- REFLECT T-BAR CEILING.
- CIRCUIT BALANCING VALVE SET TO 5.4 L/S.
- 18mm HWS AND HWL LINES UP TO PENHOUSE. 18mm HWS AND HWL LINES DOWN TO SERVICE THIRD FLOOR.
- EXISTING ONE AND ONE LINES TO REMAIN. COORDINATE ON SITE.
- EXISTING HEATER AND ASSOCIATED HEATING LINES TO REMAIN. COORDINATE ON SITE.
- 320 410x94 HWS RISER FROM PENHOUSE TO THIRD FLOOR.
- OVEN/LEVEL MONITOR.
- PROVIDE 3-WAY HEATING CONTROL VALVE ON THIS FLOOR.
- THROCKLE VALVE COVER WITH 25mm THICK PVC JACKET.



FOURTH FLOOR PLAN – HYDRONICS

1  
MH140  
1:100