



**LOWER LEVEL - HYDRONIC PART PLAN**  
SCALE: 1:100

**DRAWING NOTES**

- ① 100# GHS AND GHR DOWN FROM BOILERS IN MECHANICAL ROOM. INSULATE PIPING BELOW MECHANICAL ROOM FLOOR FOR A FULL DISTANCE.
- ② RUN GHS AND GHR PIPING AT HIGH LEVEL. COORDINATE ROUTING WITH EXISTING PIPING IN THIS AREA. MOUNT ON PIPE HANGERS.
- ③ SEE DRAWING PM3.01 FOR CONTINUATION.
- ④ TYPICAL EXPANSION LOOP. WIDTH AND LENGTH SHOWN FOR SMALLEST LOOP. SEE EXPANSION COMPENSATION DETAIL.
- ⑤ TYPICAL ANCHOR. DISTANCE BETWEEN ANCHORS AS SHOWN.
- ⑥ TYPICAL PIPE GUIDE LOCATION. DISTANCE BETWEEN GUIDES AS SHOWN.

**GENERAL NOTES**

- 1. COORDINATE WITH OTHER TRADES SO AS TO PREVENT CONFLICTS.



B.M. ELEV.				ENGINEER'S SEAL	
				ORIGINAL SIGNED BY	
DESIGNED BY	AB	CHECKED BY	PVL	A. BURACHYNSKY	
DRAWN BY	DL	APPROVED BY	JEH	2006/04/26	
HOR. SCALE: AS NOTED		RELEASED FOR CONSTRUCTION BY:		CONSULTANT DRAWING NO.	
VERTICAL SCALE:		J. VEILLEUX		SM4.01	
NO.	REVISIONS	DATE	BY	DATE	DATE
00	ISSUED FOR TENDER	06/04/26	DC	2006/03/13	2006/04/26

<b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING DIVISION		CITY FILE NUMBER
<b>WEWPCC</b> <b>BIOLOGICAL NUTRIENT REMOVAL UPGRADE</b> <b>CONTRACT 3</b>		SHEET OF
MECHANICAL AREA S - SECONDARY CLARIFIER 3 LOWER LEVEL HYDRONIC PART PLAN		CITY DRAWING NUMBER