





## DRAWING NOTES

- 1 EXHAUST AIR DUCT DOWN FROM MAKE-UP UNIT. DUCT SHALL BE EITHER STAINLESS STEEL OR FIBERGLASS CONSTRUCTION. SIZE AS SHOWN.
- 2 TRANSITION TO 1900×600. DUCT SHALL BE EITHER STAINLESS STEEL OR FIBERGLASS CONSTRUCTION.
- 3 EXHAUST AIR DUCT RUNNING AT HIGH LEVEL ABOVE EXISTING PIPING AND CABLE TRAYS IN THIS AREA. DUCT SHALL BE STAINLESS STEEL BEYOND THIS POINT. SIZE AS SHOWN.
- 4 DUCTWORK TO HAVE A DUCT PRESSURE CLASS OF -1500Pa.
- (5) ROUTE DUCTWORK BENEATH EXISTING PIPE AND ELECTRICAL CONDUIT RACKING.
- 6 RUN DUCTWORK BETWEEN CONCRETE BEAMS AND EXISTING LIGHT FIXTURES. COORDINATE WITH DIV. 16 FOR REMOVAL AND REINSTALLING LIGHT FIXTURES AS REQUIRED.
- (7) CONNECT DUCTWORK INTO EXISTING ODOUR REMOVAL SYSTEM.
- 8 EXISTING ODOUR REMOVAL SYSTEM DUCTWORK.
- (9) CAP FOR FUTURE CONNECTION TO SECONDARY CLARIFIER 4 SYSTEM.
- 10 INSULATE DUCTWORK FOR A FULL DISTANCE IN LOWER AREA WITH 25mm EXTERNAL THERMAL INSULATION AND ALUMINUM JACKETING.

## GENERAL NOTES

- 1. COORDINATE WITH OTHER TRADES SO AS TO PREVENT CONFLICTS.
- 2. ALL DUCTWORK SHALL BE SUPPORTED AND SUSPENDED AS PER SPECIFICATIONS AND LOCAL CODES. (SEE DETAILS)

LOWER LEVEL VENTILATION PLAN

Certificate of Authorization					
Earth Tech Canada Inc.					
No. 730	Expiry: April 30, 2006				

B.M. ELEV.				<b>EarthTech</b>				ENGINEER'S SEAL
				A Tyco International Ltd. Company				ORIGINAL SIGNED BY
				DESIGNED BY	AB	CHECKED BY	PVL	A. BURACHYNSKY
				DRAWN BY	DL	APPROVE BY	J <b>EH</b>	2006/04/26
01	21-2006 ADDENDUM 6	06/06/30	DC	HOR. SCALE:	AS NOTED	RELEASE CONSTRU	D FOR JCTION BY:	
00	ISSUED FOR TENDER	06/04/26		VERTICAL SCAL	.E:	J. VEILLEUX		CONSULTANT DRAWING NO.
NO.	REVISIONS	DATE	BY	DATE <b>200</b>	5/12/19	DATE	2006/04/26	SM3.01



## THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT Winnipeg ENGINEERING DIVISION

WEWPCC BIOLOGICAL NUTRIENT REMOVAL UPGRADE CONTRACT 3	SHEET OF
MECHANICAL AREA S — SECONDARY CLARIFIER 3	CITY DRAWING NUMBER