



LOWER LEVEL VENTILATION PLAN
SCALE: 1:100

DRAWING NOTES

- 1 FOR CONTINUATION SEE DRAWING PM2.01.
- 2 ROUTE DUCTWORK BELOW EXISTING MAIN.
- 3 FOR CONTINUATION SEE DRAWING HM2.01 & COORDINATE WITH EXISTING EQUIPMENT.
- 4 RUN 350ø DUCT DIRECTLY BELOW ELECTRICAL CABLE TRAYS.
- 5 RUN 350ø DUCT AS HIGH AS POSSIBLE FOR THIS STRAIGHT RUN.
- 6 300x150 S/A DUCTS UP TO CONTROL ROOM ABOVE. (TYPICAL OF 4)
- 7 PROVIDE PLENUMS ON H640-AHU FOR VERTICAL SUPPLY AND RETURN DUCTWORK.
- 8 RE-USE FLOOR OPENINGS IN CONTROL ROOM ABOVE.
- 9 COOLING COIL LOCATED IN PLENUM. COIL CONNECTED TO H641-CU.
- 10 BACKDRAFT DAMPER SHALL BE AT LEAST THREE DUCT DIAMETERS AWAY FROM FAN DISCHARGE.
- 11 ADD NEW DUCT ACCESS DOOR ON THIS SIDE TO COMPENSATE FOR BLOCKED ACCESS DOOR ON OPPOSITE SIDE.

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)



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DESIGNED BY	DC/LJW	CHECKED BY	PVL
DRAWN BY	DC	APPROVED BY	JEH
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	J. VEILLEUX
VERTICAL SCALE:		DATE	2006/01/02
DATE	2006/01/02	DATE	2006/04/26

<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>		CITY FILE NUMBER
<p>WEWPC BIOLOGICAL NUTRIENT REMOVAL UPGRADE CONTRACT 3</p>		SHEET OF
<p>MECHANICAL AREA H - HEADWORKS LOWER LEVEL VENTILATION PLAN</p>		CITY DRAWING NUMBER
CONSULTANT DRAWING NO. HM2.02		