

MAIN FLOOR PLAN
1:50

EXHAUST FAN SCHEDULE										
TAG	MAKE	MODEL	SERVICE	S.P.	RPM		L/S		HP	NOTES
					HI	LOW	HI	LOW		
EF-1	PENN	D10	EXHAUST	1"	1898	1300	2000	944	.5	REFER TO DRAWING FOR LOCATION

DIFFUSER SCHEDULE							
TAG	MAKE	SERVICE	MODEL	BR	FAST.	FINISH	NOTES
A	PRICE	SUPPLY	710	-	-	B12	DUCT MOUNTED, REFER TO DRAWING
B	PRICE	EXHAUST	730	-	-	B12	DUCT MOUNTED, REFER TO DRAWING

UNIT HEATER SCHEDULE					
TAG	MAKE	MODEL	MBH	KW	NOTES
UH-1	Q-MARK	IUH-2060	68.2	20	CEILING MOUNTED, REFER TO DRAWING
UH-2	Q-MARK	IUH-2060	68.2	20	CEILING MOUNTED, REFER TO DRAWING
UH-3	Q-MARK	CU900MOD	17	5	347VOLTS, C/W BUILT IN THERMOSTAT
UH-4	RUFFNECK	FX412-60036015T-DS4-48	34.1	15	WALL MOUNTED, REFER TO DRAWING, DETAILS ON PLANS
UH-5	Q-MARK	CU900MOD	17	5	347VOLTS, C/W BUILT IN THERMOSTAT

GAS DETECTOR SCHEDULE			
MAKE	MODEL	GAS	NOTES
VULCAIN	VA201M	H2S	SEE SPECIFICATIONS FOR SEQUENCE OF OPERATIONS

APECCN
Certificate of Authorization
MCWAGE Consulting
Professional Engineers
No. 589 Expiry: April 30, 2006

LOCATION APPROVED UNDERGROUND STRUCTURES
SUPV. U/G STRUCTURES COMMITTEE DATE
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.	NO.	REVISIONS	DATE	BY
	2	ISSUED FOR TENDER	12/09/05	SR
	1	ISSUED FOR 99% REVIEW	11/22/05	SR
	0	ISSUED FOR CLIENT REVIEW	XXXXXX	SB

MCW / AGE
Consulting Professional Engineers
210-1021 Wellington Avenue
Winnipeg, Manitoba R2W 0G4
Phone: (204) 779-7800 Fax: (204) 779-1119
E-Mail: mcw_age@mcw.com

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DESIGNED BY	CAM D.	CHECKED BY	CAM D.
DRAWN BY	R.K.	APPROVED BY	S.R.

HOR. SCALE: AS SHOWN
VERTICAL: R. FINGAS, P. ENG. 05.12.09
R. FINGAS, P. ENG. BRIDGE PROJECTS ENGINEER

ENGINEER'S SEAL
ORIGINAL SEALED BY G.S. REABURN P. ENG. 05.12.09
CONSULTANT DRAWING NO. I13703042-M01

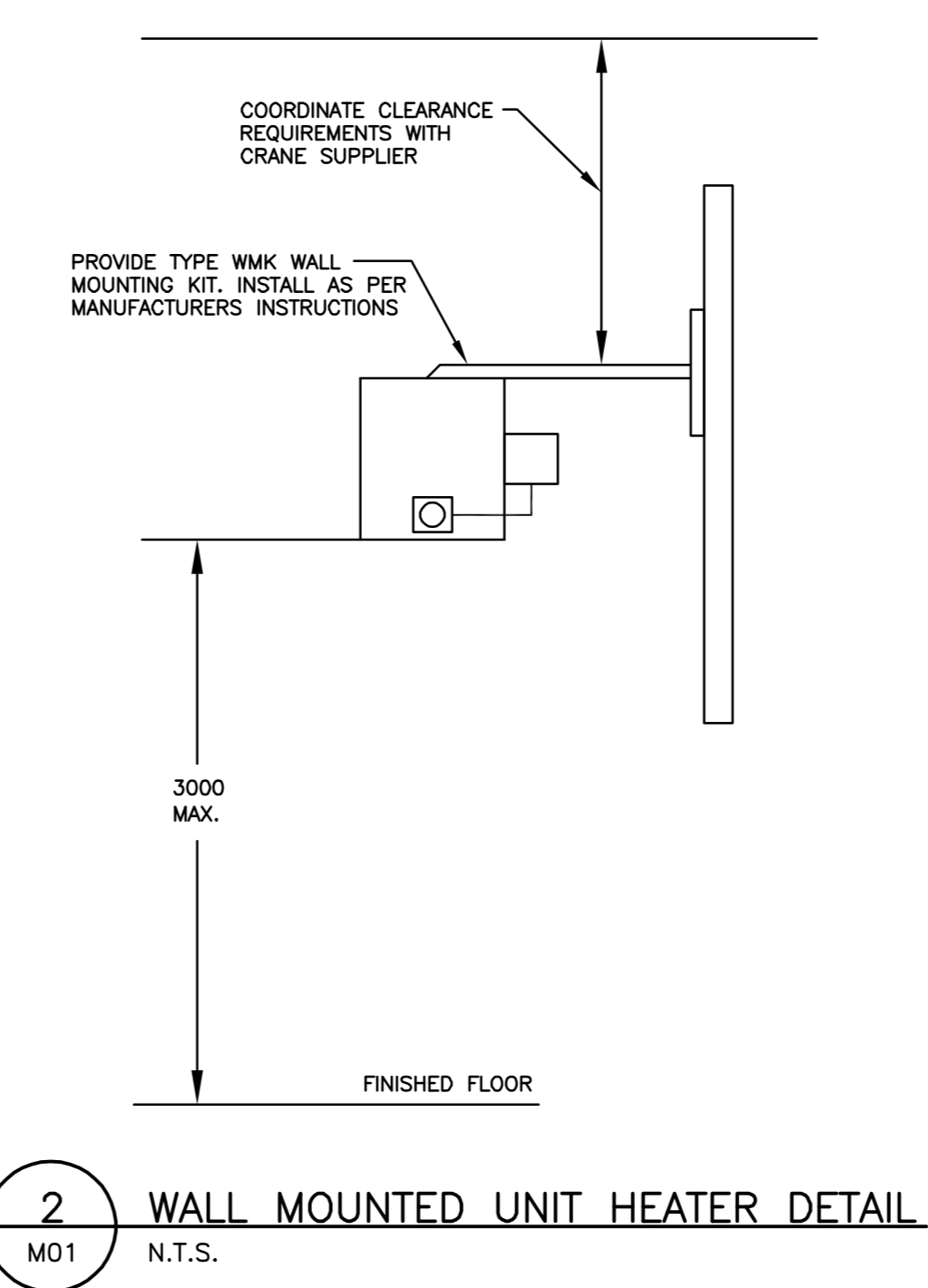
THE CITY OF WINNIPEG
Winnipeg
PROCESSING PLAN AND SECTIONS
ENGINEERING DIVISION

KENASTON UNDERPASS
KENASTON UNDERPASS PUMPING STATION

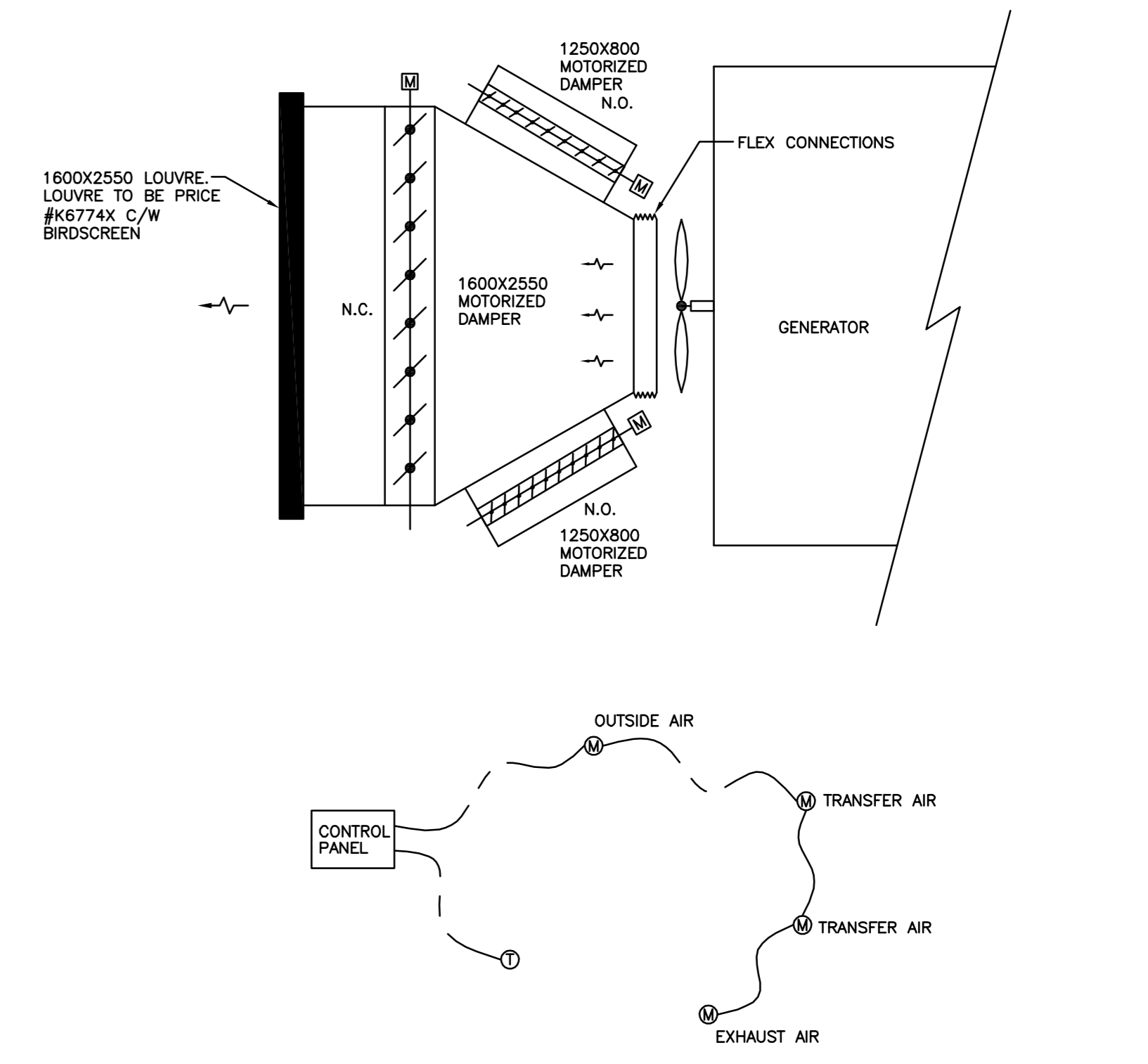
MECHANICAL FLOOR PLAN & DETAILS

SHEET 20 OF 25
CAD FILE DRAWING NUMBER I13703042-M01
CITY DRAWING NUMBER P-3258-164

- GENERAL NOTES:**
- THIS DRAWING IS DIAGRAMMATIC ONLY. ALL NEW MECHANICAL DUCTWORK AND EQUIPMENT FINAL LOCATIONS TO BE CO-ORDINATED ON SITE WITH EXISTING SYSTEMS PRIOR TO CONSTRUCTION.
- DRAWING NOTES:**
- SUPPLY AND RETURN DUCTWORK IN WETWELL SHALL BE PVC PLASTIC, SOLVENT WELD.
 - CO-ORDINATE DUCT ROUTING WITH ALL OTHER TRADES TO ELIMINATE CONFLICTS.
 - 1600X2550 LOUVRE C/W BIRDSCREEN. FINISH TO MATCH ARCHITECTURAL. CO-ORDINATE WITH ARCHITECTURAL.
 - REFER TO SPECIFICATIONS FOR SEQUENCE OF OPERATIONS.
 - MAINTAIN CLEARANCES FROM INTAKES AS PER CODE REQUIREMENTS.
 - TERMINATE OPEN END DUCT AT 224.50.
 - EF-1 FAN SHALL BE AMCA B RATED C/W TEFC MOTOR. SUPPORT FROM TOP OF STAIRWELL WITH SPRING ISOLATORS.
 - GEN. SET VENTILATION CONTROL PANEL C/W 120V EMERGENCY POWER CCT. REFER TO DETAIL #3/M01.
 - BALANCE WET WELL TO OBTAIN SLIGHTLY NEGATIVE READINGS IN WET WELL RELATIVE TO OCCUPIED AREAS.
 - 100# GENERATOR EXHAUST. TERMINATE AT HIGH LEVEL THROUGH WALL. PROVIDE DOWNTURN TERMINATION TO PREVENT PRECIPITATION FROM ENTERING. INSULATE AS PER SPECIFICATIONS. MAINTAIN CLEARANCES AS PER CODE.
 - REFER TO DETAIL #2/M01.
 - REFER TO DETAIL #3/M01.
 - MOTORIZED DAMPER TO OPEN WHEN FAN IS PROVEN TO BE OPERATING.
 - TRANSITION FROM 20 GA GALVANIZED TO PVC AT THIS POINT.
 - PROVIDE GALVANIZED BOOT TAKE-OFF C/W BALANCING DAMPER AND TYPE "A" GRILLE.
 - DUCT SLEEVE C/W FIRE DAMPER.



2 WALL MOUNTED UNIT HEATER DETAIL
M01 N.T.S.



3 GENERATOR DETAIL
M01 N.T.S.