



MMM GROUP

100 Commerce Valley Drive West
Thornhill, Ontario L3T 0A1
T: 905-882-1100| F: 905-882-7282

Addendum No: M-2

Date: November 1, 2010

Project No: 1810061.000

Project Name: Phase 3 – Newmarket Community Centre Addition and Renovation

INCLUDE IN YOUR BID AMOUNT FOR THE FOLLOWING ITEMS OF ADDITION, DELETION OR CLARIFICATION. INDICATE IN THE SPACE PROVIDED ON THE BID FORM THAT YOU HAVE RECEIVED AND INCLUDED FOR THE REQUIREMENTS OF THIS ADDENDUM.

1. **DRAWINGS:**

1.1. **DRAWING M-5**

.1 Refer to attached drawing 15-09 and include for all work shown.

END OF ADDENDUM No. M-2

SILENCER SCHEDULE (VIBRO-ACOUSTICS)

TAG	SYSTEM	TYPE (NOTE 1)	DIMENSIONS (mm)			AIR FLOW (l/s)	VELOCITY (m/s)	MAX. PD Pa	MINIMUM DYNAMIC INSERTION LOSS, dB								BASIS OF DESIGN VIBRO-ACOUSTICS MODEL NUMBER	NOTES
			WIDTH OR DIA.	HEIGHT	LENGTH				OCTAVE BAND CENTER FREQUENCY, HZ									
									63	125	250	500	1000	2000	4000	8000		
SL-1-S	RTU-1	TRED	550	300	2100	943	+5	35	7	13	20	31	37	36	30	25	TRED-HV-F5	1,2,3
SL-1-R	RTU-1	RED	300	1200	1500	1887	-5	25	6	9	12	20	26	28	24	16	RED-UHV-F4	1,2
SL-2-S	RTU-2	TRED	550	300	2100	943	+5	35	7	13	20	31	37	36	30	25	TRED-HV-F5	1,2,3
SL-2-R	RTU-2	RED	300	1200	1500	1887	-5	25	6	9	12	20	26	28	24	16	RED-UHV-F4	1,2
SL-3-S	RTU-3	TRED	450	250	2100	755	+6	35	8	12	18	25	27	29	24	20	TRED-HV-FC	1,2,4
SL-3-R	RTU-3	RED	300	900	2100	1509	-5	32	9	13	24	36	46	46	30	21	RED-HV-F9	1,2
SL-4-S	RTU-4	TRED	450	250	2100	755	+6	35	8	12	18	25	27	29	24	20	TRED-HV-FC	1,2,4
SL-4-R	RTU-4	RED	300	900	2100	1509	-5	32	9	13	24	36	46	46	30	21	RED-HV-F9	1,2
SL-5-S	RTU-5	RED	300	600	1500	943	+5	77	8	12	21	27	29	34	25	18	RED-HV-F4	1,2
SL-5-R	RTU-5	RED	600	300	900	943	-5	27	3	4	8	10	15	13	8	9	RED-UHV-F4	1,2
SL-6-S	RTU-6	RD	300	900	1500	943	+3	22	6	11	20	33	34	28	17	12	RD-MLV-F4	1
SL-6-R	RTU-6	RD	500	300	900	566	-4	28	7	13	17	15	17	12	12	10	RD-LV-FE	1

NOTES:

- LENGTH SHOWN FOR ELBOW SILENCERS IS CENTERLINE LENGTH
 - VELOCITY SHOWN IS +FORWARD FLOW) OR -REVERSE FLOW) AS DEFINED BY ASTM E477-06A
 - PRESSURE DROP, DYNAMIC INSERTION LOSS AND SELF GENERATED NOISE PER ASTM E477-06A
 - MAXIMUM PRESSURE DROP WITH SYSTEM EFFECTS = SILENCER PRESSURE DROP PER ASTM E477-06A + SYSTEM EFFECTS FOR NEARBY DUCT ELEMENTS.
1. RD = RECTANGULAR DISSIPATIVE
 2. ELBOW SILENCER
 3. CUSTOM TEE ELBOW SILENCER; INLET 1200X300; OUTLETS 550X300.
 4. CUSTOM TEE ELBOW SILENCER; INLET 900X300; OUTLETS 550X250.

READ THIS DWG. IN CONJUNCTION WITH DRAWING # M-5

ISSUED WITH ADDENDUM M-2 NOV 01, 2010



JOB	COMMUNITY URBAN SPACE PROJECT PHASE 1 - DOUG DUNCAN ARENA DEMOLITION NEWMARKET COMMUNITY CENTRE 200 DOUG DUNCAN DRIVE, NEWMARKET, ONTARIO	
DRAWING TITLE	EQUIPMENT SCHEDULES & CONTROL DIAGRAM - MECHANICAL	

Scale	N.T.S.
Date	NOV 01, 2010
Drawn By	AZ
Checked By	YZ
Job Number	1810061-000
Drawing Number	15-09