

Silencer Tag: **SA-1**  
 System: **-**  
 Model: **TREL**  
 System Type: **Supply**  
 Flow: **5247 cfm**  
 Face Velocity: **1500 fpm**  
 Pressure Drop: **0.26 in WG**

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
IL @ 0 fpm	5	8	10	18	26	26	24	21
DIL @1500 fpm	4	7	9	17	25	26	24	20
GN @1500 fpm	51	42	36	32	32	33	32	29

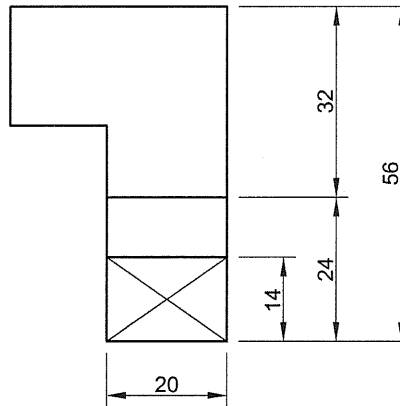
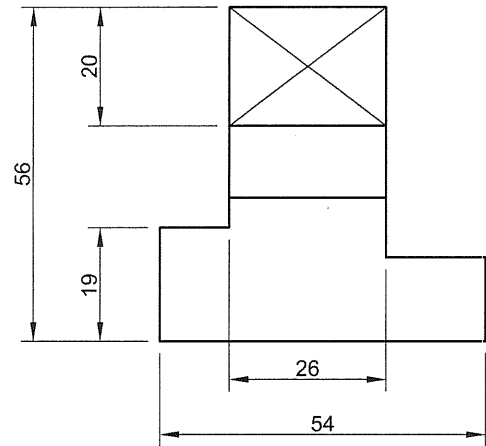
Construction: **HTL-1**  
 Casing: **Galv Sht 16 GA**  
 Perf: **Galv Perf 22 GA**  
 Media: **Acoustic Media**  
 Media Protection: **Fiberglass Cloth**  
 Inlet Connection: **2in slip**  
 Outlet Connection: **2in slip**

Qty	Item	Unit Wt.	Total Wt.
1	T-Silencer	290 lbs	290 lbs

### Submitted for Approval

Notes:

- Contractor to install square to round transitions as required
- Contractor to relocate VAV take off as per VAW recommendation
- Contractor to confirm all dimensions prior to release for fabrication



Silencer Performance is derived from in-house and independent testing performed in accordance with ASTM Testing Methods for Prefabricated Silencers.

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						CUSTOMER <b>Midwest Engineering Ltd.</b> PROJECT <b>Winnipeg Waste / Water Office - Pacific Ave</b>		
						SCALE <b>NTS</b> DATE <b>28-JUN-07</b> DWN BY <b>BCN</b>		
						DWG TITLE <b>T-Silencer</b> <b>General Arrangement</b>		
						SIZE <b>A</b>	DWG No. <b>SA-1_2_5</b>	REV <b>A</b>
A	FIRST ISSUE	29-JUN-07	BCN					
REV	DESCRIPTION	DATE ISSUED	BY	APR. BY				
REVISIONS								