

**GENERAL NOTES:**  
 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO:  
 1. USE SOUNDED DIMENSIONS IN PREFERENCE TO SCALING.  
 2. VERIFY AND CHECK ALL DIMENSIONS PRIOR TO AND DURING CONSTRUCTION.  
 3. DETERMINE LOCATIONS OF ALL EXISTING SERVICES.  
 4. PLANS ARE IN CONFORMANCE WITH THE ONTARIO BUILDING CODE.  
 ANY CHANGES, DISCREPANCIES, OR SUBSTITUTIONS SHALL BE REPORTED TO AND REVIEWED BY THE ENGINEER BEFORE PROCEEDING.

**TRISTAR ENGINEERING**  
 Division of 1041549 Ontario Limited  
 30 West Beaver Creek Road, Unit #118  
 Richmond Hill, Ontario  
 Canada, L4B-3K1  
 (905) 882-1332  
 Fax: (905) 882-0736

DATE:	BY:	NO.	DESCRIPTION:
04 JUN 10	W.L.	1	ISSUED FOR PERMIT & TENDER
01 JUN 10	W.L.	2	ISSUED FOR PERMIT & TENDER

REVISIONS:	DATE:	BY:	NO.	DESCRIPTION:

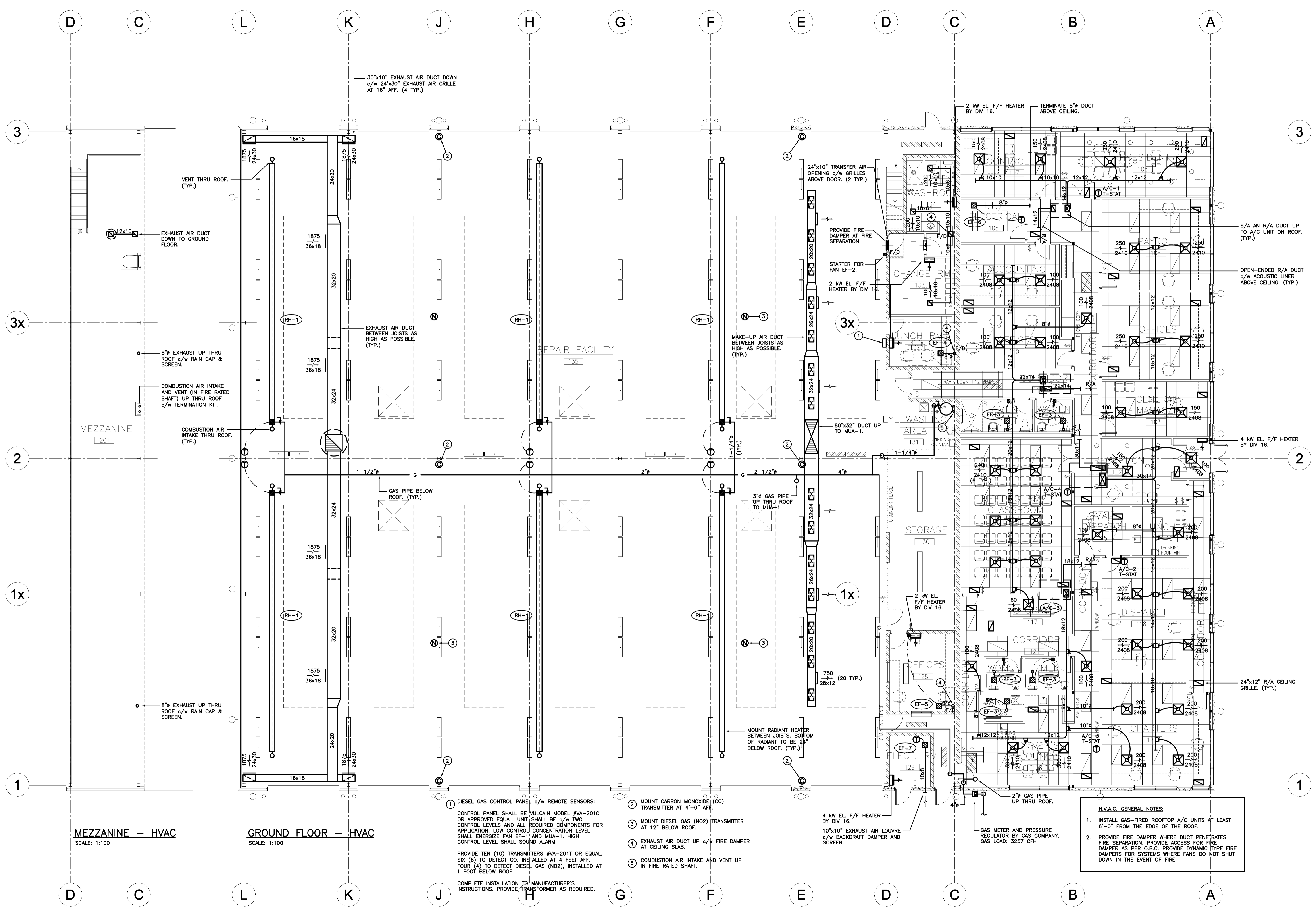


PROJECT OWNER:

**ATTRIDGE TRANSPORTATION**  
 4130 HARVESTER ROAD  
 HVAC PLAN

PROJECT NAME: ATTRIDGE TRANSPORTATION  
 DRAWN BY: W.L.  
 DATE: APRIL 2010  
 PROJECT No.: 210-073  
 DRAWING No.: M2

CHECKED BY: W.L.  
 SCALE: 1:100  
 SET No.:



**H.V.A.C. GENERAL NOTES:**  
 1. INSTALL GAS-FIRED ROOFTOP A/C UNITS AT LEAST 6'-0" FROM THE EDGE OF THE ROOF.  
 2. PROVIDE FIRE DAMPER WHERE DUCT PENETRATES FIRE SEPARATION. PROVIDE ACCESS FOR FIRE DAMPER AS PER O.B.C. PROVIDE DYNAMIC TYPE FIRE DAMPERS FOR SYSTEMS WHERE FANS DO NOT SHUT DOWN IN THE EVENT OF FIRE.

1 DIESEL GAS CONTROL PANEL c/w REMOTE SENSORS:  
 CONTROL PANEL SHALL BE VULCAIN MODEL #VA-201C OR APPROVED EQUAL UNIT SHALL BE c/w TWO CONTROL LEVELS AND ALL REQUIRED COMPONENTS FOR APPLICATION. LOW CONTROL CONCENTRATION LEVEL SHALL ENERGIZE FAN EF-1 AND MUA-1. HIGH CONTROL LEVEL SHALL SOUND ALARM.  
 PROVIDE TEN (10) TRANSMITTERS #VA-201T OR EQUAL SIX (6) TO DETECT CO, INSTALLED AT 4 FEET AFF. FOUR (4) TO DETECT DIESEL GAS (NO2), INSTALLED AT 1 FOOT BELOW ROOF.  
 COMPLETE INSTALLATION TO MANUFACTURER'S INSTRUCTIONS. PROVIDE TRANSFORMER AS REQUIRED.

- 2 MOUNT CARBON MONOXIDE (CO) TRANSMITTER AT 4'-0" AFF.
- 3 MOUNT DIESEL GAS (NO2) TRANSMITTER AT 12" BELOW ROOF.
- 4 EXHAUST AIR DUCT UP c/w FIRE DAMPER AT CEILING SLAB.
- 5 COMBUSTION AIR INTAKE AND VENT UP IN FIRE RATED SHAFT.

**MEZZANINE - HVAC**  
 SCALE: 1:100

**GROUND FLOOR - HVAC**  
 SCALE: 1:100