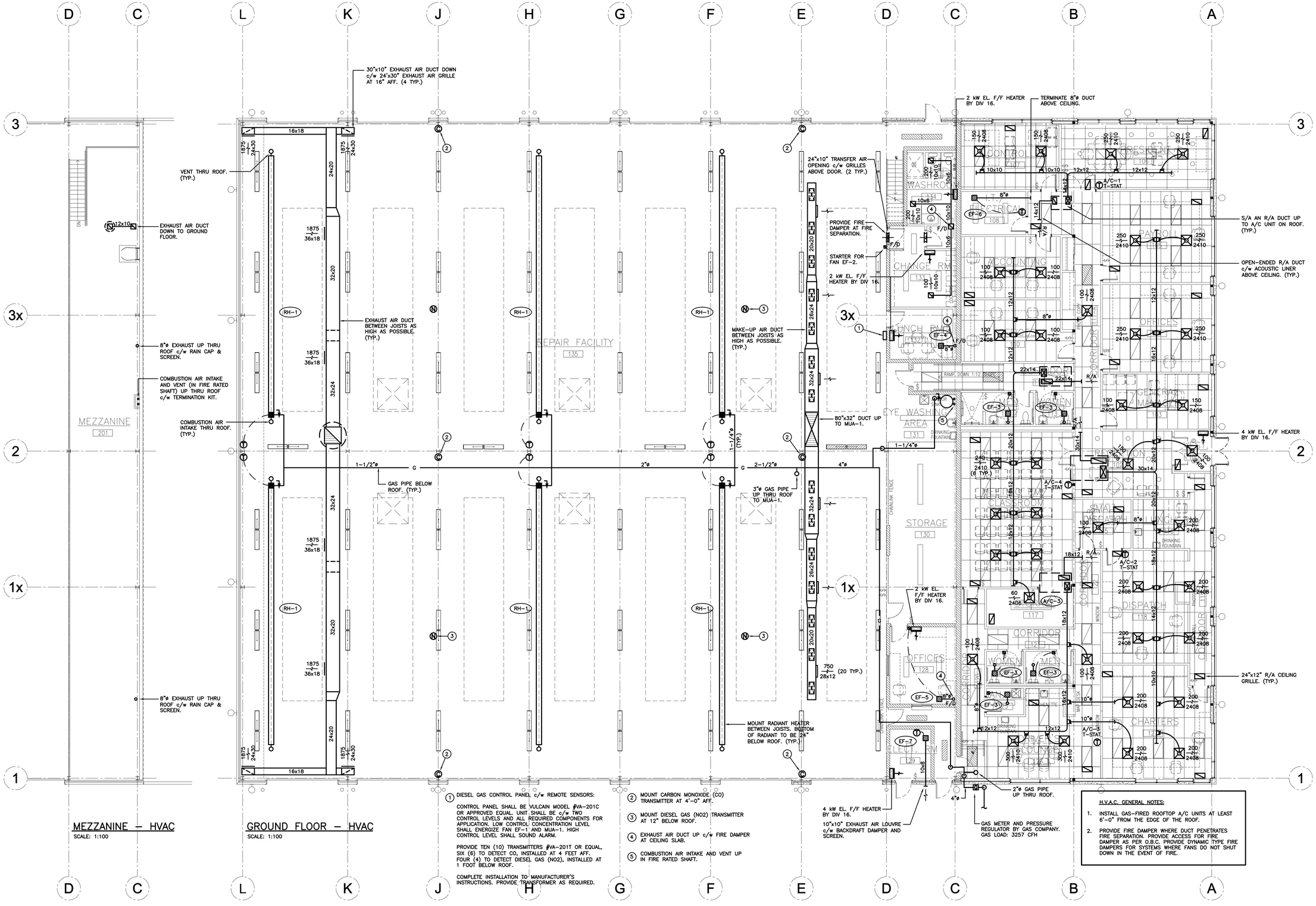

MEZZANINE – HVAC
SCALE: 1:100

GROUND FLOOR – HVAC
SCALE: 1:100

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.

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.

GENERAL NOTES:
IT IS THE CONTRACTOR'S RESPONSIBILITY TO:
1. USE FIGURED 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 PROCESSING.

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) 882-0735

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR REVIEW	04 MAY 10	WL
2	ISSUED FOR PERMIT & TENDER	01 JUN 10	WL
3			
4			
5			
6			
7			
8			
9			
10			

STATUS:
PROPOSAL:
REVIEW:
SITE PLAN:
PERMIT:
CONSTRUCTION:
AS BUILT:
OTHER:

LICENSED PROFESSIONAL ENGINEER
W.L. LO
JUN/10
PROVINCE OF ONTARIO

PROJECT OWNER:

PROJECT NAME:
ATTRIDGE TRANSPORTATION
4130 HARVESTER ROAD

DRAWING NAME:
HVAC PLAN

DRAWN BY:	CHECKED BY:
W.L.	W.L.
DATE: APRIL 2010	SCALE: 1:100
PROJECT No.: 210-073	SET No.:

DRAWING No.: M2