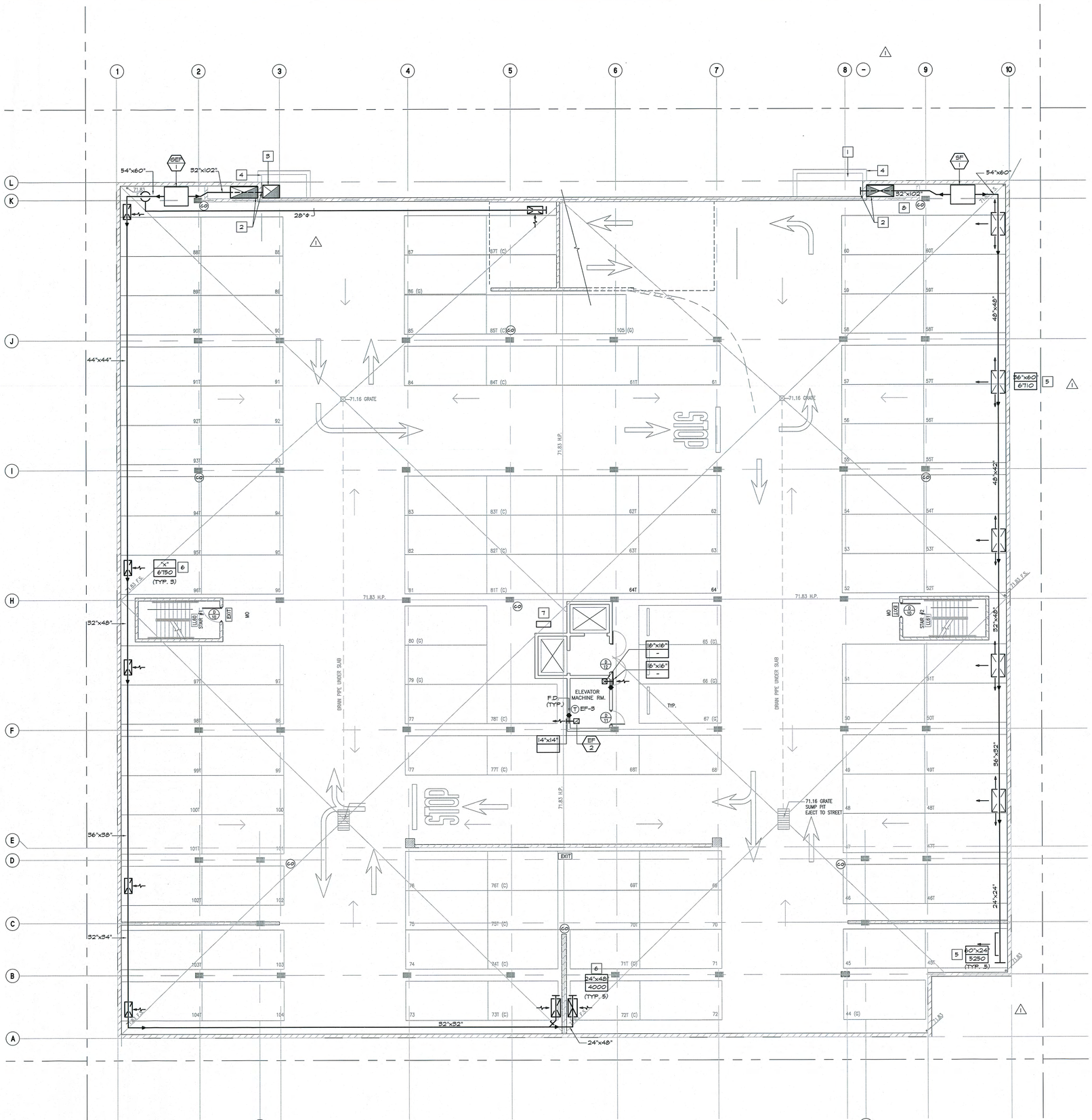

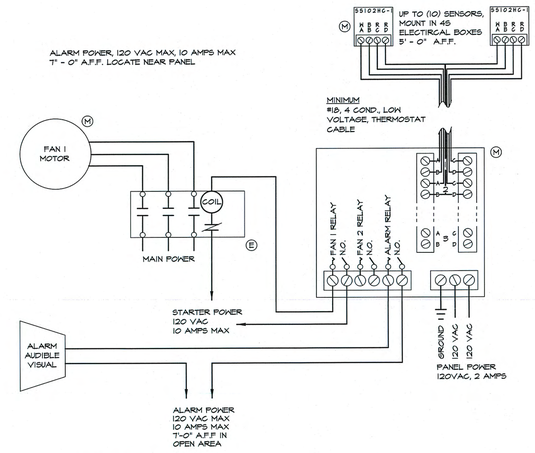

INSTALLATION NOTES:

1. MOUNT THE CARBON MONOXIDE SENSORS ON WALS OR COLUMNS ABOUT FIVE FEET ABOVE THE FLOOR.
2. SEE MACURCO APPLICATION NOTE "CARBON MONOXIDE DETECTOR SYSTEM" FOR A DISCUSSION OF SPACING.
3. MACURCO PROVIDES ONLY THE 55103 CONTROL PANELS AND 55102 AND 55102HA SENSORS, ALARMS.
4. SEE APPROPRIATE BUILDING CODES FOR THE SIZE OF FANS AND AIR CHANGES PER UNIT OF TIME.

GARAGE EXHAUST & CO SENSOR WIRING DIAGRAM ((10) SENSOR PANEL PARALLEL)

PLAN CHECK NOTES:

1- DUCTS SHALL BE METAL AS PER LA CITY MECHANICAL CODE 2002 EDITION.

2- DUCTS INSTALLED IN LOCATIONS SUBJECT TO PHYSICAL DAMAGE SHALL BE PROTECTED BY SUITABLE GUARDS OR BARRIERS, COORDINATE WITH G.C.

GARAGE VENTILATION CALCULATION

NUMBER OF STALLS (NS): 115
VENTILATION RATE: .25% x NS x 14000
REQ. CFM= 25% x 115 x 14000= 40,250 CFM
PROVIDED CFM = 40,250 CFM

HVAC KEY NOTES

1. MUA DUCT PLENUM
2. BRANCH 102"X32" DUCT TO 72"x32" & 44"X32", RUN 72"X32" UP THROUGH SLAB TO UPPER LEVEL & RUN 44"X32" BELOW THROUGH EXT. WALL.
3. 48"X102" DUCT UP IN ENCLOSURE OUTSIDE BUILDING.
4. DUCT ENCLOSURE BY G.C.
5. SADDLE TAP WITH DOUBLE DEFLECTION REGISTER & OBD
6. BOTTOM OF BRANCH DUCT AT 12" ABOVE SLAB, PROVIDE MVD AT TAKE-OFF.
7. CO DETECTION CONTROL PANEL ((10) SENSORS).
8. CO DETECTOR (TYP.)

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CONSULTANT

CLIENT

Saticoy Realty Investments, LLC
LOS ANGELES, CALIFORNIA

PROJECT

APARTMENT BUILDING
20223-20237 W. SATICOY STREET
WINNETKA, CALIFORNIA

DRAWING TITLE

LOWER LEVEL
BASEMENT HVAC PLAN

REVISION
2 10-24-08 OWNER CO

STAMP

REGISTERED PROFESSIONAL ENGINEER ROBERT DILANJIAN No. M 26142 MECHANICAL STATE OF CALIFORNIA
03/10/09

DAVAR & ASSOC.
CONSULTING ENGINEERS
12016 Telegraph Road, Suite 205
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DATA
DATE: 07-20-2006
DRAWN BY: RM
J&G NO. 030703
SCALE: AS NOTED
SHEET
M-1.1.1

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