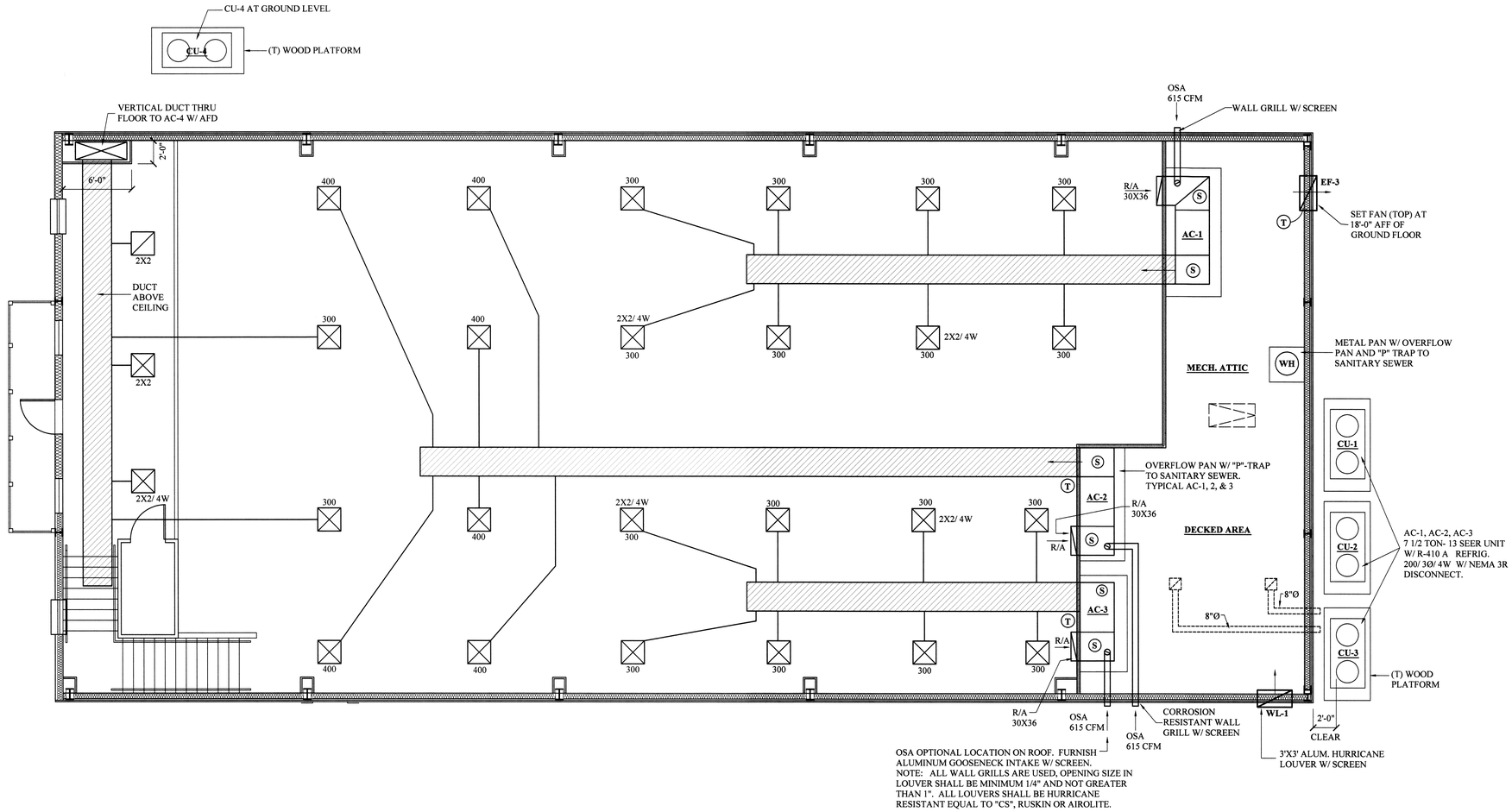
EF-1 & EF-2:
MININIUM 400 CFM AT .25SP. PROVIDE WITH ALUMIUM 8"Ø INSULATED DUCT. PROVIDE DISCONNECT, BACKDRAFT DAMPER, WALL GRILL W/ SCREEN. CONNECT TO LIGHT SWITCH FOR OPERATION. PROVIDE INTEGRAL OVERLOAD PROTECTION W/ FAN. INSULATION MIN. AT DUCT WORK R-6.

EF-3 (ATTIC):
EQUAL TO GREENHECK MODEL NO. SB-20-3,872 CFM AT .25SP, 20 SONES, 1 HP MOTOR, 1221 RPM, BELT DRIVEN SIDEWALL EXHAUST FAN. PROVIDE WITH WALL HOUSING, DAMPER GUARD, GRAVITY DAMPER, 45 DEGREE WEATHER HOOD AND MOTOR SIDE GUARD. PROVIDE FAN WITH DISCONNECT, OVERLAOD PROTECTION AND THERMOSATAT SET AT 115 DEG. F. FANS BY DAYTON WILL BE ACCEPTED.

WL-1:
3'X3'X4" FRAME ALUMINUM HURRICANE RESISTANT LOUVER W/ INSECT SCREEN, POSITIVE DRAINAGE AND KYNAR FINISH. SET TOP OF LOUVER AT 18'-0" AFF. (GROUND FLOOR)

OSA REQUIREMENTS- IMC-2009
TABLE 403.3
MULTI-PURPOSE ASSEMBLY = 5 CFM/ PERSON
4,101 SF/1000 X 120 = 492 OCCUPANTS
492 X 5 = 2,460 CFM OSA

TOILET ROOM EXHAUST FAN MEN & WOMEN'S
70 CFM/SF - TABLE 403.3
MEN- 4 FIXTURES AT 70 CFM = 280 CFM MINIMUM
WOMEN- 4 FIXTURES AT 70 CFM = 280 CFM MINIMUM



HVAC SYMBOL SCHEDULE

T	THERMOSTAT
FD	FIRE DAMPER
F	FIRESTAT
SD	DUCT SMOKE DETECTOR
CD	CEILING DIFFUSER (NECK SIZE)
O.A.	OUTSIDE AIR
RAG	RETURN AIR GRILLE
BDD	BACK DRAFT DAMPER
	SUPPLY AIR
	RETURN AIR
	SUPPLY AIR WITH DIRCTION OF FLOW
	SPIN-IN FITTING W/ DAMPER
	FLEXIBLE DUCT
	RIGID SHEET METAL DUCT
	RIGID ROUND SHEETMETAL DUCT
	MANUAL VOLUME DAMPER (MVD)

SECOND PLAN- HVAC PLAN

SCALE: 3/16" = 1'-0"

M-1A

REVISIONS	BY

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DRAWN
H. SCHNEIDER
CHECKED
DATE
11-09-2013
SCALE
JOB NO.
SHEET
M-1A
OF SHEETS