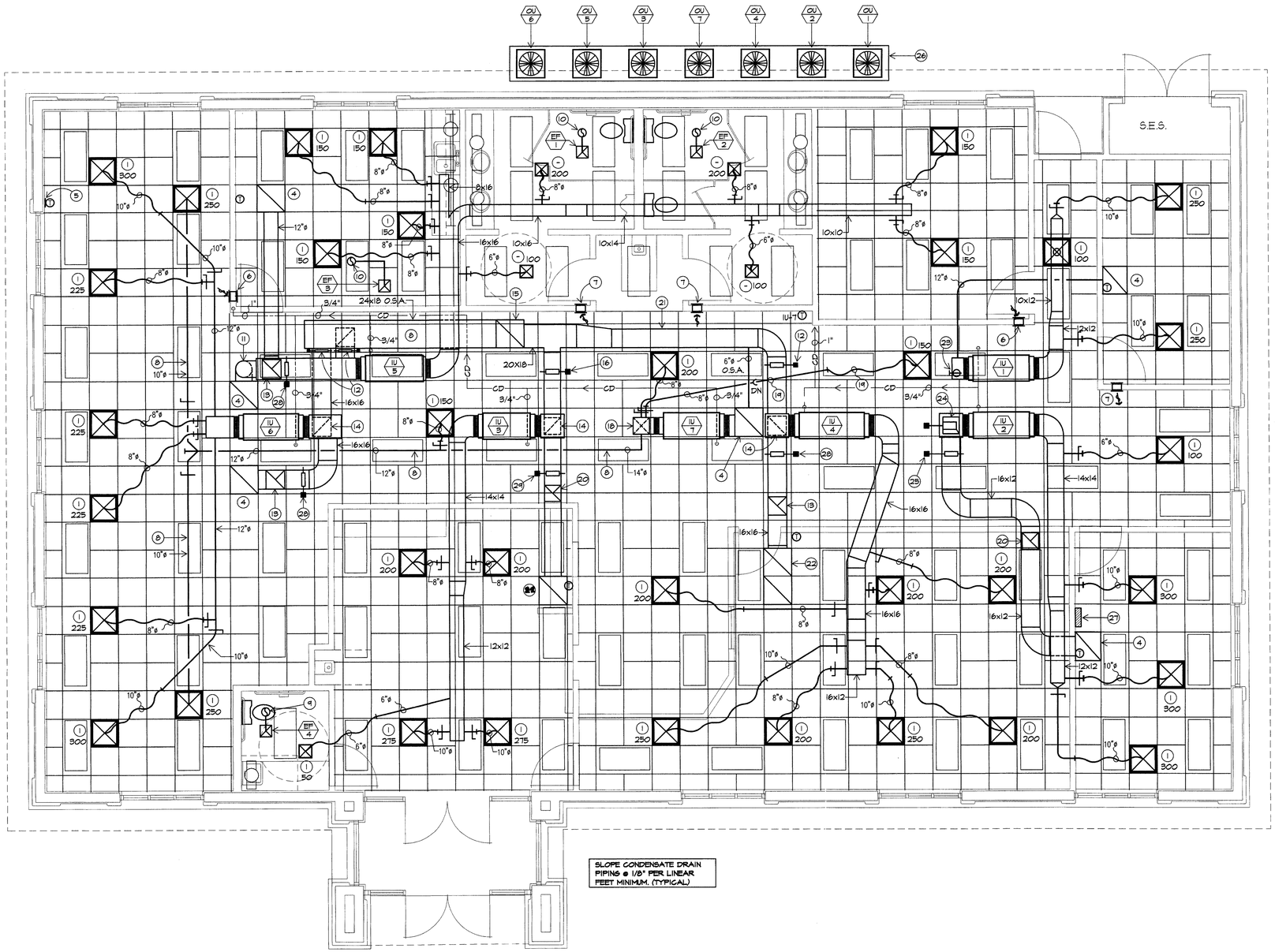

MECHANICAL PLAN

SCALE: 1/4" = 1'-0"

MECHANICAL KEYED NOTES

1. DIFFUSER
2. DIFFUSER
3. DIFFUSER
4. 24x24 R.A.G.
5. T'STAT ON SUB-BASE, 1" RIGID INSULATION.
6. (2) 14x12 G @ FLOOR
7. (2) 8x6 G @ FLOOR
8. BELOW INSULATION
9. 6"⅝ EXHAUST DUCT UP THRU ROOF TO APPROVED ROOF CAP.
10. 7"⅝ EXHAUST DUCT UP THRU ROOF TO APPROVED ROOF CAP.
11. 14"R.A. DOWN
12. 16 x 16 O.A WITH MOTORIZED DAMPER
13. 16 X 16 BAROMETRIC RELIEF TO ATTIC
14. 16 X 16 O.S.A. DOWN
15. 24 X 24 O.S.A. INTAKE W/ SCREEN, CAP & ROOF JACK.
16. 14 X 14 O.S.A. W/ MOTORIZED DAMPER
17. 14 X 14 O.S.A. DOWN
18. 14 X 14 DOWN
19. 8"⅝, BELOW INSULATION
20. 14 X 14 BAROMETRIC RELIEF TO ATTIC
21. 16 X 16 O.S.A. DUCT BELOW INSULATION
22. 48 X 24 R.A. GRILLE
23. 6"⅝ O.S.A. WITH DAMPER FROM ROOF JACK & CAP.
24. 14 X 14 O.S.A. UP WITH MOTORIZED DAMPER.
25. 16 X 12 R.A. WITH MOTORIZED DAMPER
26. 4" CONCRETE SLAB
27. CO2 SENSOR
28. 16 X 16 RA WITH MOTORIZED DAMPER.
29. 14 X 14 RA WITH MOTORIZED DAMPER.

OSA AIR BALANCE

IU-1	= 50 CFM	EF-1	= 390 CFM
IU-2	= 160 CFM	EF-2	= 390 CFM
IU-3	= 160 CFM	EF-3	= 250 CFM
IU-4	= 320 CFM	EF-4	= 100 CFM
IU-5	= 200 CFM	EXH. AIR	= 1130 CFM
IU-6	= 240 CFM		
IU-7	= 100 CFM		
OSA SUPPLY	= 1230 CFM		

1230 CFM - 1130 CFM = 100 CFM PRESSURIZED RELIEF TO ATTIC

IMPERIAL INDUSTRIAL GROUP - NEW BUILDING FOR SSA/GSA LAKEPORT, CALIFORNIA

D D AND A INCORPORATED

ARCHITECTS AND INTERIOR DESIGNERS
4117 N. 17TH STREET PHOENIX, ARIZONA 85016 TELE. (602) 212-0422

REVISION

JOB 8956
DATE JAN 2001
DRAWN E.U.
CHECKED
SHEET

DETAIL SYMBOL
DETAIL NUMBER
LOCATION SHEET
DETAIL SHEET

JUL 05 2001

1/4 = 1

R.J. CARLI ENGINEERING CORP.
7311 E. STETSON DRIVE
SCOTTSDALE, ARIZONA 85251
(480) 941-8610
(480) 945-7020 FAX

COPYRIGHT 2001. THIS DRAWING IS AN INSTRUMENT OF SERVICE, AN UNPUBLISHED WORK, AND THE PROPERTY OF R.J. CARLI ENGINEERING CORP. ALL COMMON LAW RIGHTS PURSUANT TO TITLE 17, SECTION 2 OF THE UNITED STATES COPYRIGHT CODE, PREVENTING UNAUTHORIZED COPYING, PUBLICATION OR USE, AND TO OBTAIN DAMAGES THEREFORE ARE RESERVED. THIS DRAWING MAY NOT BE REPRODUCED OR USED WITHOUT WRITEN AUTHORIZATION.

M-1

APPROVED