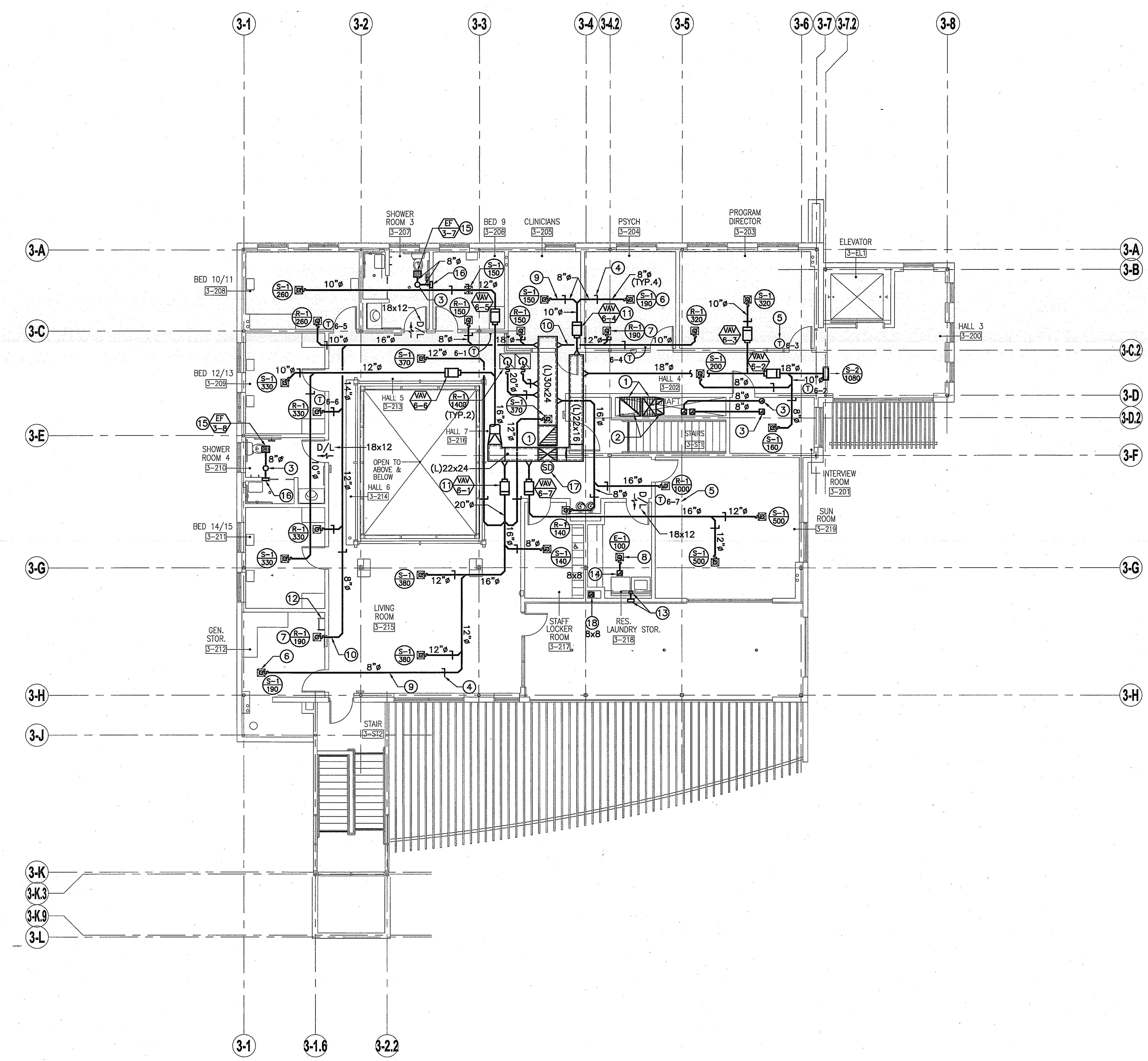


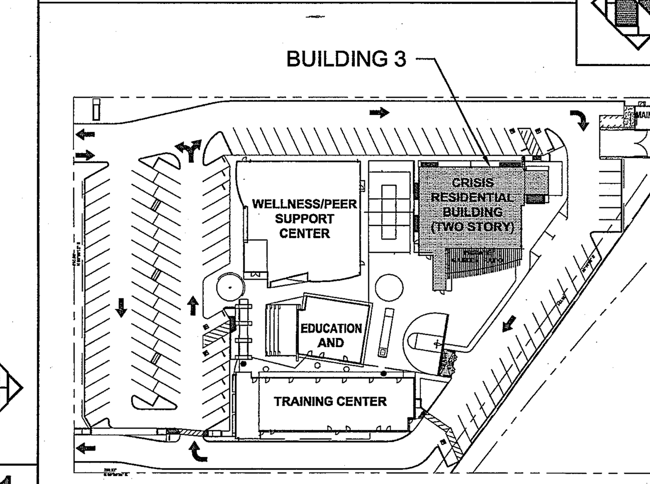
BUILDING 3 - MECHANICAL SECOND FLOOR PLAN

SCALE: 1/8"=1'-0" | 1

KEYNOTES

1. LINED FULL SIZE S.A. AND R.A. DUCTWORK UP THRU ROOF TO AC UNIT. FOR CONTINUATION, SEE DWG M-2.3.5
2. LINED 34x24 S.A. AND R.A. DUCTWORK DOWN TO 1ST FLOOR IN DUCT SHAFT. PROVIDE DUCT TRANSITION AS REQUIRED. FOR CONTINUATION, SEE DWG M-2.3.1
3. 10"ø EXHAUST DUCT UP THRU ROOF TERMINATING WITH ROOF CAP.
4. MANUAL VOLUME DAMPER PER EACH AIR INLET & OUTLET. FOR NON ACCESSIBLE CEILING, PROVIDE REMOTE CONTROL, SEE DETAIL 9/M-3.2 (TYP.)
5. WALL MOUNTED THERMOSTAT (TYP.).
6. SUPPLY AIR DIFFUSER, SEE DETAIL 8/M-3.1 (TYP.)
7. RETURN AIR GRILLE (TYP.)
8. EXHAUST AIR GRILLE (TYP.)
9. SUPPLY AIR DUCT (TYP.)
10. RETURN AIR DUCT (TYP.)
11. VAV BOX WITH HEATING COIL ABOVE CEILING, SEE DETAIL 2/M-3.1 (TYP.)
12. ROOF ACCESS LADDER.
13. 4" DRYER VENT DUCT AND WALL CAP WITH BACK DRAFT DAMPER.
14. 8x8 EXHAUST DUCT UP THRU ROOF TO EXHAUST FAN.
15. CEILING MOUNTED EXHAUST FAN. SEE DETAIL 5/M-3.1
16. 10x4 EXHAUST DUCT DOWN TO 1ST FLOOR.
17. DUCT SMOKE DETECTOR ON SA MAIN DUCT TO SHUT-OFF AC UNIT ON DETECTION OF SMOKE IN DUCT. SEE GENERAL NOTE NO. 17. PROVIDE ACCESS PANEL ON CEILING.
18. 8x8 EXHAUST DUCT FROM 1ST FLOOR AND UP THRU ROOF TO EXHAUST FAN.

KEY PLAN



County of Orange
OC PUBLIC WORKS
Architecture & Engineering

Revisions

Sym.	Descrip.	Date	By

0742

Consultants
F.T. Andrews, Inc. Consulting Engineers
A DIVISION OF AAIDS
17 PETERS CANYON ROAD, SUITE 150
IRVINE CA. 92606
TEL: 714-263-0341
FAX: 714-263-0348
Job Number: 28088

REGISTERED PROFESSIONAL ENGINEER — IVAN RAY CRANSTON, JR. — No. 14001 — MECHANICAL — STATE OF CALIFORNIA

Drawn ML Chkd. 11-26-09 Date

A-E Seal

A-E ALEXANDER + HIBBS, AIA, INC.
ALEXANDER + HIBBS, AIA, INC. inc.
Architecture and Planning
1200 N. JEFFERSON ST. SUITE A
ANAHEIM, CALIFORNIA 92807
(714) 630-3866

Design Chkd. Date Nov. 26, 2009

Sht Title BUILDING 3 - MECHANICAL SECOND FLOOR PLAN
Project COUNTY OF ORANGE HEALTH CARE AGENCY
401 SOUTH TUSTIN STREET

401 SOUTH TUSTIN STREET
ORANGE, CA 92866

PROJ. NO. 100-042-P210-4200

Plan No. 52333-03608

Sheet M-2.3.2

0742 COUNTY OF ORANGE HEALTH CARE AGENCY 401 SOUTH TUSTIN STREET