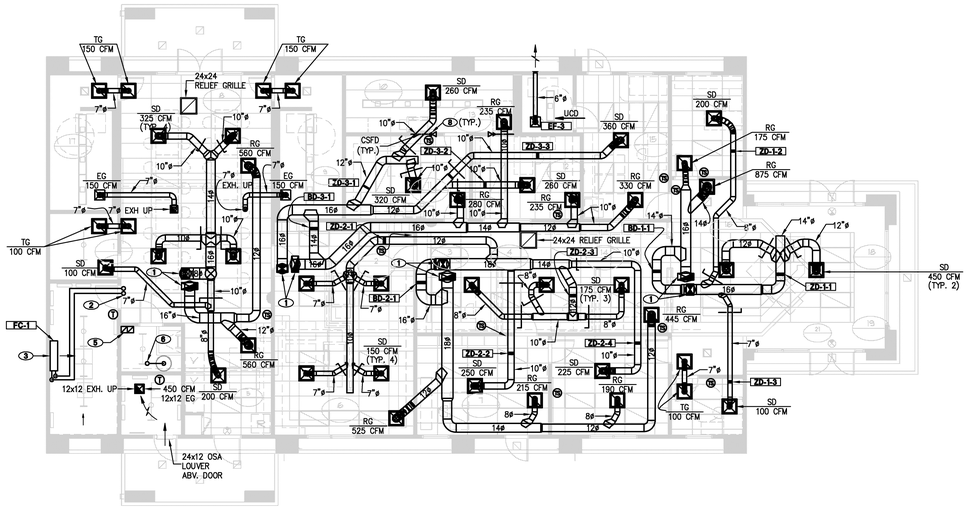
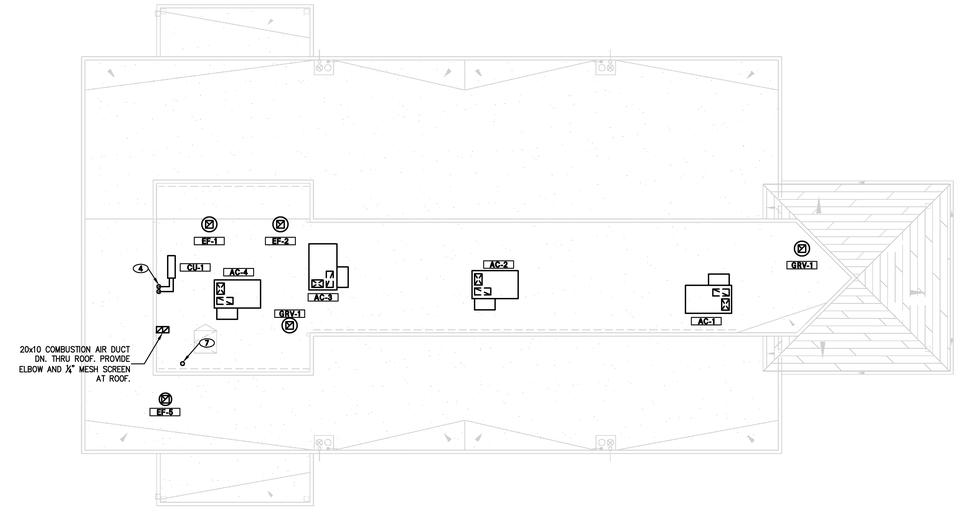


MECHANICAL PLAN

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



MECHANICAL ROOF PLAN

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

SHEET NOTES

1. 18x12 SUPPLY AND 11x26 RETURN DUCTS UP.
2. INSULATED REFRIGERANT LINES UP TO ROOF.
3. MOUNT FAN COIL UNIT HIGH AT WALL. FOR INSTALLATION SEE #8 ON SHEET M-3.0.
4. INSULATED REFRIGERANT LINES DN. THRU ROOF PROVIDE ELMDOR/STONEMAN MULTI-FLASH ADAPTOR MODEL NO. 915. COORDINATE WITH ARCHITECT. FOR INSTALLATION SEE #4 ON SHEET M-3.0.
5. 10x10 COMBUSTION AIR DUCT HIGH, 10x10 COMBUSTION AIR DUCT LOW.
6. 3"ø TYPE B FLUE VENT UP.
7. 3"ø TYPE B FLUE VENT THRU ROOF.
8. COMBINATION SMOKE FIRE DAMPER. FOR DETAIL SEE #9 ON SHEET M-3.0.

ZONE DAMPER SCHEDULE

NO.	MAX CFM	MIN CFM	REMARKS:
ZD-1-1	900	270	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
ZD-1-2	200	60	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
ZD-1-3	100	30	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
BD-1-1	1100	–	BYPASS "RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
ZD-2-1	600	180	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
ZD-2-2	250	75	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
ZD-2-3	525	160	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
ZD-2-4	225	70	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
BD-2-1	1375	–	BYPASS "RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
ZD-3-1	580	180	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
ZD-3-2	260	80	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
ZD-3-3	360	110	"RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.
BD-3-1	940	–	BYPASS "RUSKIN"CONTROL DAMPER MODEL NO. CD35 W/"BELIMO" ACTUATOR.

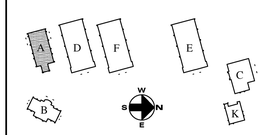
NOTES: PROVIDE INTEGRATED "JOHNSON CONTROLS" FOR BYPASS CONTROL DAMPER & ZONE DAMPER & 120/24V TRANSFORMER ABOVE CEILING AS REQUIRED AND CONNECT TO ENERGY MANAGEMENT SYSTEM.

ROOM TITLES

● ONE-HOUR SEPERATION

1. RECEPTION
2. CLERKS
3. CLERKS
4. OFFICE MANAGER
5. PTA OFFICE
6. CONFERENCE
7. PRINCIPAL
8. OFFICE
9. CLINIC
10. UNISEX TOILET
11. VICE PRINCIPAL
12. WORKROOM
● 13. OFFICE / VAULT
14. WORKROOM
15. WOMENS TOILET
16. LOUNGE
17. MENS TOILET
18. OFFICE
● 19. HEAD END/ DATA/ MDF
● 20. ELECTRICAL
● 21. CUSTODIAN

KEY PLAN



REGISTERED PROFESSIONAL ENGINEER PETER A. KRAUSE No. M-31498 Exp. 12-31-12 MECHANICAL STATE OF CALIFORNIA

LICENSED ARCHITECT TADAO M. SUYAMA C19098 RENEWAL 06/08/13 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF PUBLIC SCHOOLS CONSTRUCTION

APPL. 04-107199

AC.____ FS.____ SS.____

DATE:

South Coast Engineering Group, Inc.
5000 N. Pkwy. Calabasas, Suite 307
Calabasas, California 91302
tel (818) 224-2765 fax (818) 224-2711

REVISIONS	DATE

P S W C GROUP
ARCHITECTS / PLANNERS
1867 BUSINESS CENTER DR., SUITE 3, SAN BERNARDINO, CA. 92408
909/890-2253 FAX: 909/890-2844

ROOSEVELT II
ELEMENTARY SCHOOL
SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT
1261 W. 16TH STREET, SAN BERNARDINO, CA.

BUILDING "A"
MECHANICAL PLAN
AND ROOF PLAN

SCALE: AS NOTED

JOB NO. 5591.02
DRAWN BY UD
DATE 12/09/2011

M-A2

P:\Project\5591.02\A\M-A2.dwg

Drawing Name: P:\Project\5591.02\A\M-A2.dwg
Date / Time: Dec 07, 2011 11:15am by pasadko

RE-BID #F09-02 ROOSEVELT II (HENRY) E.S. NEW CONSTRUCTION BID ISSUANCE SET 12/09/11