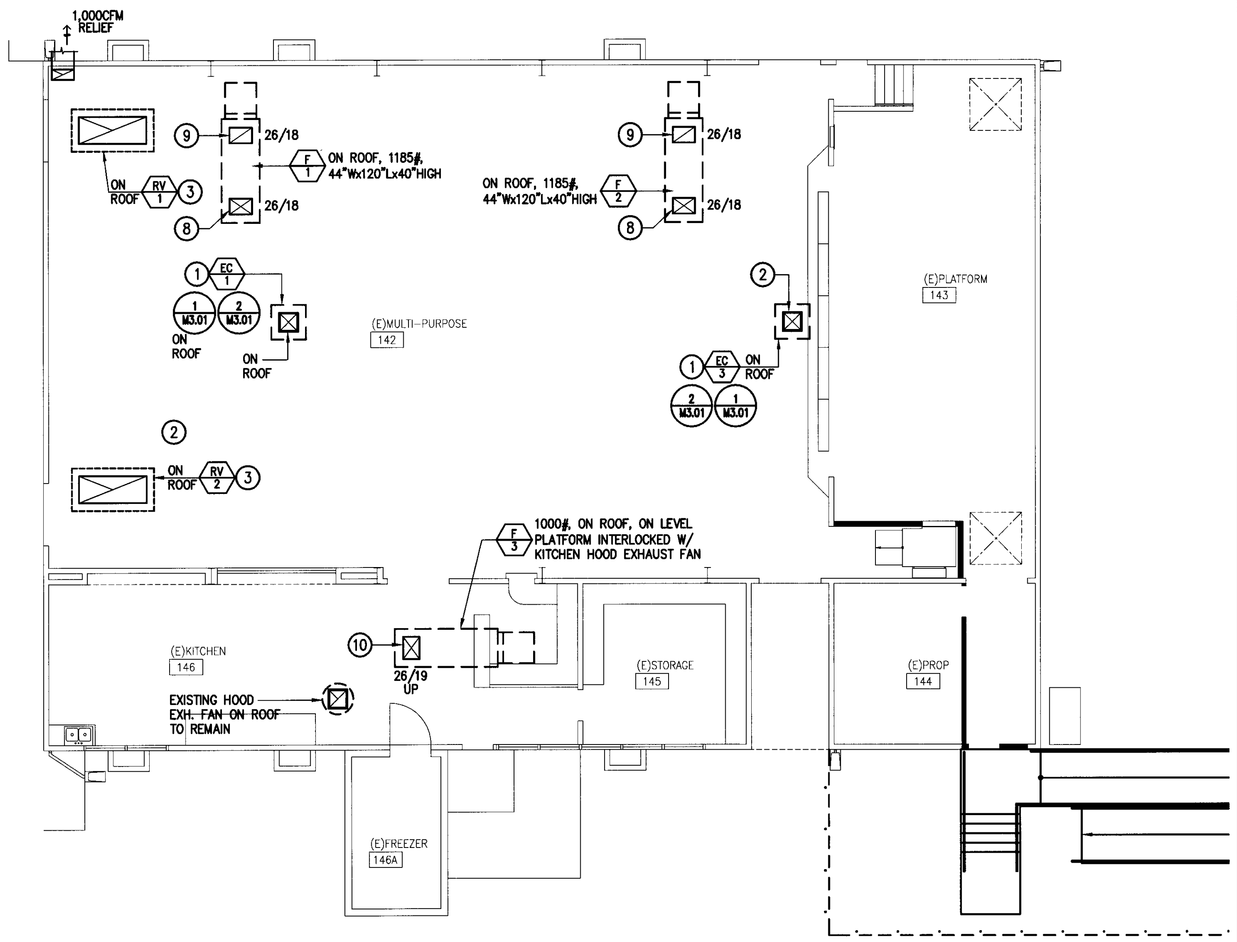
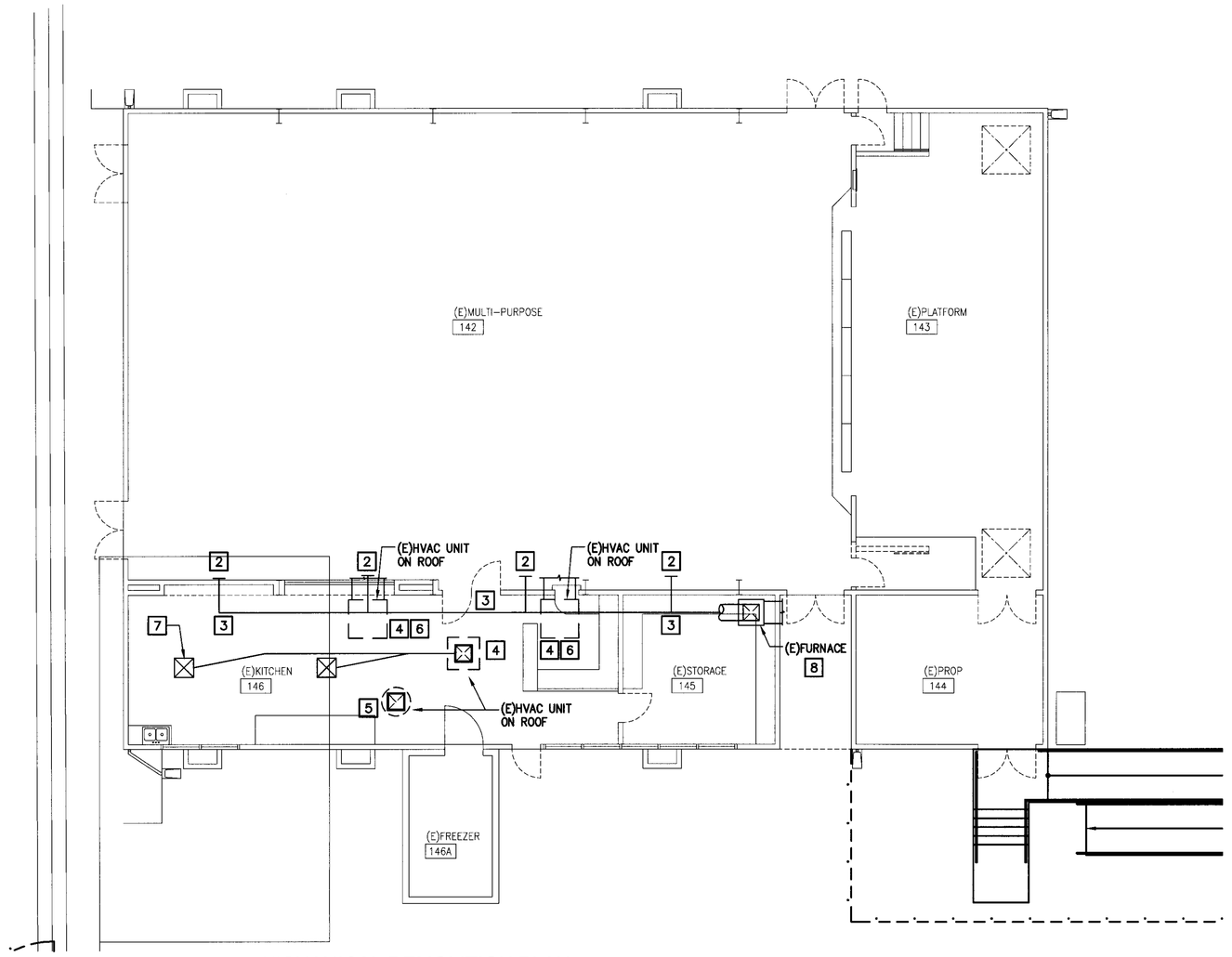


MECHANICAL RECONSTRUCTION PLAN - BUILDING "G" - MULTI-PURPOSE

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

2 / M2.01G



MECHANICAL DEMOLITION PLAN - BUILDING "G" - MULTI-PURPOSE

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

1 / M2.01G

RECONSTRUCTION NOTES

1. EXACT MOUNTING LOCATION TO BE FIELD DETERMINED. PLACE NEAR MAIN BEAM. ROUGH-IN SIZE 23-1/2" X 23-1/2". REFER TO BOTH MECHANICAL DETAILS & STRUCTURAL DRAWINGS. (1/M3.01, 2/M3.01)
2. 6,000CFM, 22"X22" 4-WAY CD, BREEZAIR. SEE DETAIL (1/M3.01)
3. RELIEF VENT, ROOF MOUNTED. 49"WX26"HX96"L, 31"X79" ROUGH-IN THROUGH ROOF, 225 LBS OPERATING WEIGHT. (3/M3.01)
4. DUCT FURNACE. SUPPORT FROM ROOF STRUCTURE. TOP OF FURNACE SAME HEIGHT AS TOP OF SOUTH GLASS. (4/M3.01)
5. 26/12 RELEIF THRU WALL W/ BACK DRAFT DAMPER. DUCT MOUNTS TO INTERIOR WALL & RUNS TO WITHIN 18" OF FLOOR. SCREENED (1/4" MESH) INLET. SMOOTH EDGES ONLY. PRIME & PAINT WHITE. 20 GAUGE UP TO 7' ABOVE FF, THEN 24 GAUGE.
6. EC-4 REPLACES (E) MUA UNIT FOR AREA. REWIRE INTO HOOD (EXISTING TYPE I HOOD) EXHAUST FAN START CIRCUIT. ADJUST EC-4 AIR FLOW (3-SPEED) TO 85% OF HOOD EXHAUST FAN AIR FLOW. MEASURE HOOD EXHAUST FAN DISCHARGE TO OBTAIN EXHAUST AIR FLOW RATE. TRANSITION SA DUCT TO CONNECCT TO EXISTING DUCTWORK. SEE DETAILS (1/M3.01, 2/M3.01)
7. PROVIDE SCREEN 2 SIDES THIS UNIT ONLY. SEE DETAIL. SET 2X2 POSTS IN UNI-STRUT BASE PLATE & ANCHOR TO 3X10 PARTERS W/ 3/8" LAG BOLTS X 7" LONG. SCREW ALUMINUM SCREW TO POSTS - MUST BE EASILY REMOVABLE TO SERVICE COOLER. (5/M3.01)
8. PROVIDE 28"X18" LINED SA PLENUM. SECURE TO FURNACE UNIT & TO ROOF DECK. DROP HAS 4 SA REGISTERS - 2 @ 22"/18" & 2 @ 14"/18". SECURE IN PLACE. DROP TO BE ~30" DEEP SO THAT TOP OF REGISTER IS BELOW ROOF FRAMING.
9. PROVIDE 28"X18" LINED RA PLENUM. SECURE TO FURNACE UNIT & TO ROOF DECK. DROP HAS 4 RA GRILLES - 2 @ 16"/16" & 2 @ 22"/16". DROP TO BE ~18" DEEP.
10. TRANSITION 26"/14" @ F3 DISCHARGE TO 18"/20" TO DROP THROUGH ROOF FRAMING (FRAMING IS 24" O.C.) DROP THROUGH ROOF & CONNECT TO EXISTING DUCTS IN CEILING.

DEMOLITION NOTES

1. DISCONNECT GAS & POWER FROM FURNACE. DISCONNECT DUCT WORK 6" BELOW CEILING. DISCONNECT FLUE 6" FROM CEILING. REMOVE FURNACE FROM BUILDING & FROM SITE. CAP OFF GAS AT WALL. WIRE NUT POWER CONDUCTORS, COIL & PLACE IN "J" BOX, CAP "J" BOX. CAP OFF DUCT.
2. REMOVE SIDEWALL REGISTERS. CAP OPENING W/ 24 GAUGE SM. PRIME & PAINT TO MATCH EXISTING WALL COLOR.
3. EXISTING DUCTS TO REMAIN IN PLACE.
4. DISCONNECT WATER & POWER FROM EVAPORATIVE COOLER ABOVE KITCHEN. REMOVE COOLER FROM ROOF & FROM SITE. PROVIDE TEMPORARY SECURITY & WEATHER PROOFING AS NEEDED UNTIL NEW EQUIPMENT IS PLACED.
5. KITCHEN HOOD EXHAUST FAN TO REMAIN.
6. REFRAME ROUGH OPENING IN WALL FOR NEW FURNACES. PATCH ROOFING FOR A WEATHER TIGHT FINISHED PRODUCT. MATCH COLOR OF (E) ROOF. PROVIDE SAMPLE OF ROOF MATERIAL & COLOR TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
7. EXISTING MUA DUCT & REGISTERS TO REMAIN. VERIFY EXACT LOCATION ON SITE.
8. DISCONNECT GAS & POWER & SECURE BOTH IN OUT OF WAY LOCATION, CAPPED OFF & SAFE. DISCONNECT DUCTS & REMOVE FURNACE FROM BUILDING & SITE. DISCONNECT DUCT TO A HIGH POINT & CAP/SEAL DUCT. CLEAN UP FLOOR/WALLS.

FLEWELLING&MOODY
architects for education

HEADQUARTERS OFFICE:
141 South Lake Avenue, 2nd Floor
Pasadena, California 91101
626.449.6787 FAX 626.449.6477
E-Mail: fm-pasadena@flewelling-moody.com

ANTELOPE VALLEY OFFICE:
1035 West Lancaster Boulevard
Lancaster, California 93534
661.949.0771 FAX 661.949.2943
E-Mail: fm-lancaster@flewelling-moody.com

An Employee Owned Corporation

ARCHITECT

LICENSED ARCHITECT — WALT F. MOODY — C-14211 — 02/31/2011 — STATE OF CALIFORNIA

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER — No. 21914 — Exp. 12-31-2010 — MECHANICAL — State of California — 2-3-10

AGENCY

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
APP03 112817
AC FLS 4PHSS R2
DATE MAR 18 2010

Drawn by

Checked by

Revisions

No.	Date	Description

All dimensions must be checked at the job by the contractor who accepts full responsibility for their accuracy under the contract. These plans & the specifications in connection therewith have been prepared for a specific site. Any and all responsibility for their use in whole or in part on any other site is hereby declaimed by Flewelling & Moody.

MODERNIZATION PROJECT AT EVERGREEN ELEMENTARY SCHOOL

2600 ROSE MARIE DRIVE
BAKERSFIELD, CA 93304

BAKERSFIELD CITY SCHOOL DISTRICT

BUILDING "G" - MULTI-PURPOSE MECHANICAL DEMOLITION PLAN RECONSTRUCTION PLAN

Job No. 1894

Date 1-26-2010

M2.01G