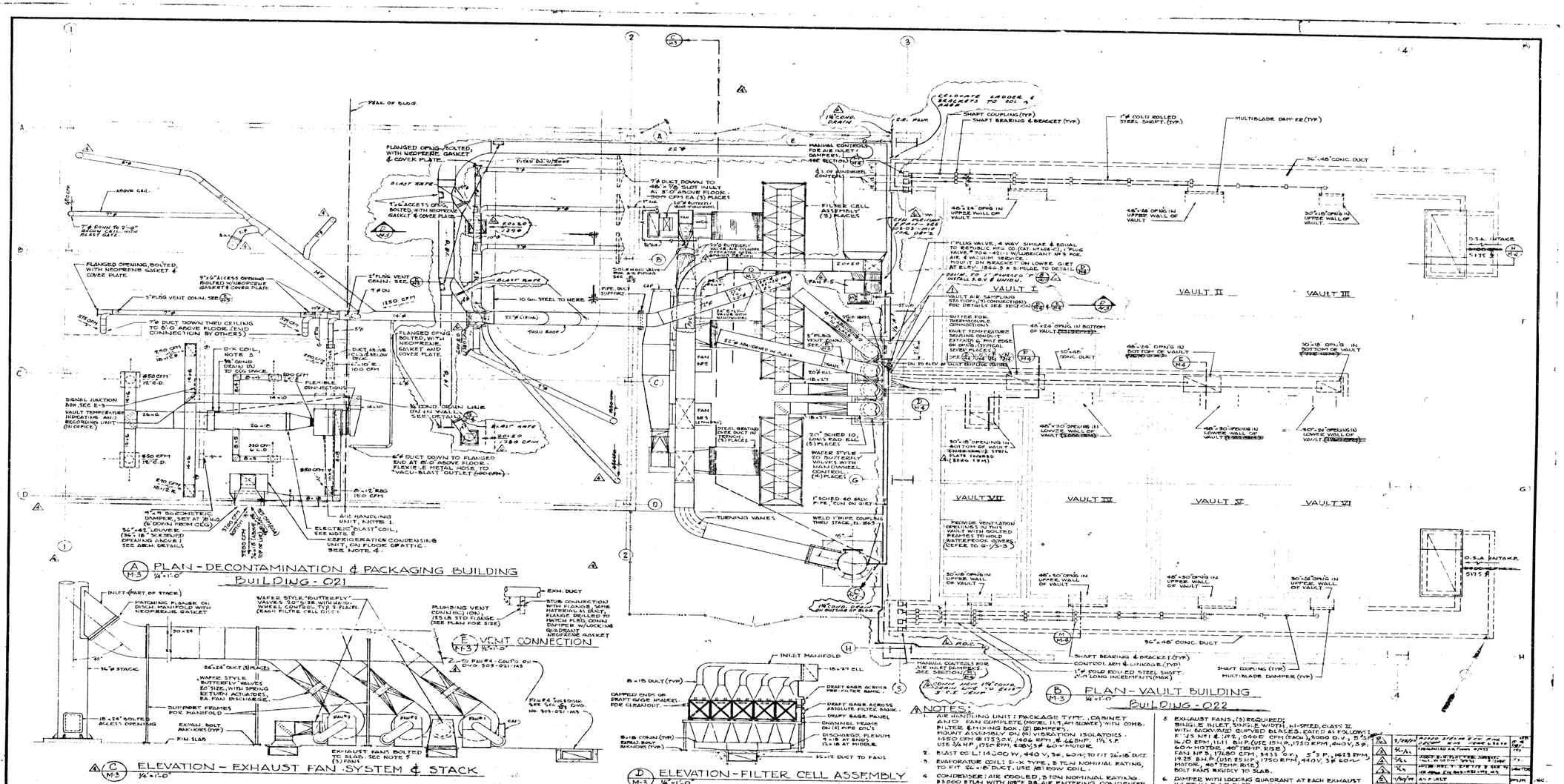

NOTES:

1. AIR HANDLING UNIT: PACKAGE TYPE, CABINET AND FAN COMPLETE (MODEL 11.9, AFI BLOWER) WITH COMB. FILTER & MIXING BOX. (2) DAMPERS, MOUNT ASSEMBLY ON (6) VIBRATION ISOLATORS. 1450 CFM @ 1753 S.P., 1406 RPM & .66 BHP. 1½ S.P. USE ¾ HP, 1750 RPM, 208V, 3ø & 60~ MOTOR.
2. BLAST COIL: 14,000 W, 440 V, 3ø, 60~; TO FIT 26"x18" DUCT.
3. EVAPORATOR COIL: D-X TYPE, 3 TON NOMINAL RATING, TO FIT 26"x18" DUCT, USE (8) 1 ROW COIL.
4. CONDENSER: AIR COOLED, 3 TON NOMINAL RATING. 33,000 BTUH WITH 105°F DB. AIR ENTERING CONDENSER COMPRESSOR, ¾ H.P., 7200 DEUTERE FAN, ⅓ HP, 208V, 3ø, 60~ COND. PRESS. 170 PSIG, EVAP. PRESS 100 PSIG
5. EXHAUST FANS, (3) REQUIRED; SINGLE INLET, SINGLE WIDTH, HI-SPEED, CLASS II, WITH BACKWARD CURVED BLADES, RATED AS FOLLOWS: FAN NO 1 & 2, 1440 CFM (EACH) & 8000 O.V., 5" S.P., 16.20 BHP, 1111 BHP (USE 15 HP), 1750 RPM, 440 V, 3ø, 60~ MOTOR, 40° TEMP. RISE)
   FAN NO 3, 17,850 CFM, 3433 O.V., 5" S.P., 1623 RPM, 19.25 BHP (USE 25 HP), 1750 RPM, 440 V, 3ø 60~ MOTOR, 40° TEMP. RISE)
   BOLT FANS RIGIDLY TO SLAB.
6. DAMPER WITH LOCKING QUADRANT AT EACH EXHAUST INLET IN D & P BLDG. UNLESS INDICATED OTHERWISE.
7. BLAST GATE AT EACH EXHAUST INLET IN PACKAGING & DECONTAMINATION ROOMS.

APPROVED: U. S. ATOMIC ENERGY COMMISSION

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PREPARED FOR: U.S. ATOMIC ENERGY COMMISSION
CHICAGO OPERATIONS OFFICE

JOB TITLE: R/A WASTE AND FUEL STORAGE
SANTA SUSANA, CALIFORNIA

SHEET TITLE: HEATING, VENTILATING & AIRCONDITIONING PLANS & DETAILS

DRAWN BY: C.A. CLARKE
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