

WORK REQUEST (MAINTENANCE MANAGEMENT)
 NAVFAC 9-110 (REV. 2-48), S/N 0105-LF-002-7510
 Supersedes NAVDOCKS 2351

MAR 28 12 27 PM '88
 12 27 74 '88

CONTROL	DATE	LMD	PRIORITY	INITIALS
G8-0153	8088	B.	4	ESB

Requestor see Instructions on Reverse Side

PART I—REQUEST (Filled out by Requestor)

1. FROM Shop 51	2. REQUEST NO. G8-0153-0225
3. TO C420	4. DATE OF REQUEST 3/28/88
5. REQUEST FOR <input type="checkbox"/> COST ESTIMATE <input checked="" type="checkbox"/> PERFORMANCE OF WORK	5a. REQUEST WORK START 3/29/88
6. FOR FURTHER INFORMATION CALL P. Norris 3648/4461 or M. Henderson 2108	7. SKETCH/PLAN ATTACHED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

8. DESCRIPTION OF WORK AND JUSTIFICATION (Including location, type, size, quantity, etc.)

**Shop 51 W/C 60 Bldg. 225
 Subj: Scrubber Stack Extension**

Shop 51 Plating Shop requests P.W. extend the Chrome Room Scrubber Stacks by 3' (2ea)

Justification: C461 informed (3/25/88) Shop 51 Plating Shop that the State Emission Control Board requires the extension of the Scrubber Stacks before they can certify the Shop for operation.

NOTE: The state will be on M.T. 4/5/88 to perform certification. C457 G/F Mr. Emert is aware of the requirement.

75-5
77-2

"JOB-IN-PROGRESS"

9. FUNDS CHARGEABLE 947261001C -100	10. SIGNATURE (Requesting Official) PATRICK W. NORRIS
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PART II—COST ESTIMATE (Filled out by Maintenance Control Division if estimate requested)

11. TO:	12. ESTIMATE NO.
13. COST ESTIMATE	14. SKETCH/PLAN ATTACHED <input type="checkbox"/> YES <input type="checkbox"/> NO
a. Labor \$	15. <input type="checkbox"/> APPROVED. PROGRAMMING TO START IN _____ <input type="checkbox"/> APPROVED. BASED ON PRESENT WORKLOAD, THIS JOB CAN BE PROGRAMMED TO START IN _____ IF AUTHORIZED BY 25TH OF _____ AND FUNDS ARE MADE AVAILABLE. <input type="checkbox"/> DISAPPROVED. (See Reverse Side)
b. Material \$	
c. Overhead and/or Surcharge \$	
d. Equipment Rental/Usage \$	
e. Contingency \$	
f. TOTAL \$	16. SIGNATURE
	17. DATE

PART III—ACTION (Filled out by Requestor)

18. TO:	19. AUTHORIZATION TO PROCEED IS ATTACHED (Check one if other than PW funds are involved) <input type="checkbox"/> NAVCOMPT 140 <input type="checkbox"/> OTHER	20. WORK REQUESTED <input type="checkbox"/> HAS BEEN CANCELLED <input type="checkbox"/> HAS BEEN DEFERRED <input type="checkbox"/> WILL BE PERFORMED BY OTHERS
21. SIGNATURE	22. DATE	

WORK ORDER CONTINUATION SHEET (CM)

12ND MINS 11014/9 (REV 5-72)

WORK ORDER NO. (JO/KO)

947261001C 100

LOCATION/TITLE

BLDG. 225 STACK EXTENSIONS

68-0153-0225

WORK CENTER
NUMBER

DESCRIPTION OF WORK

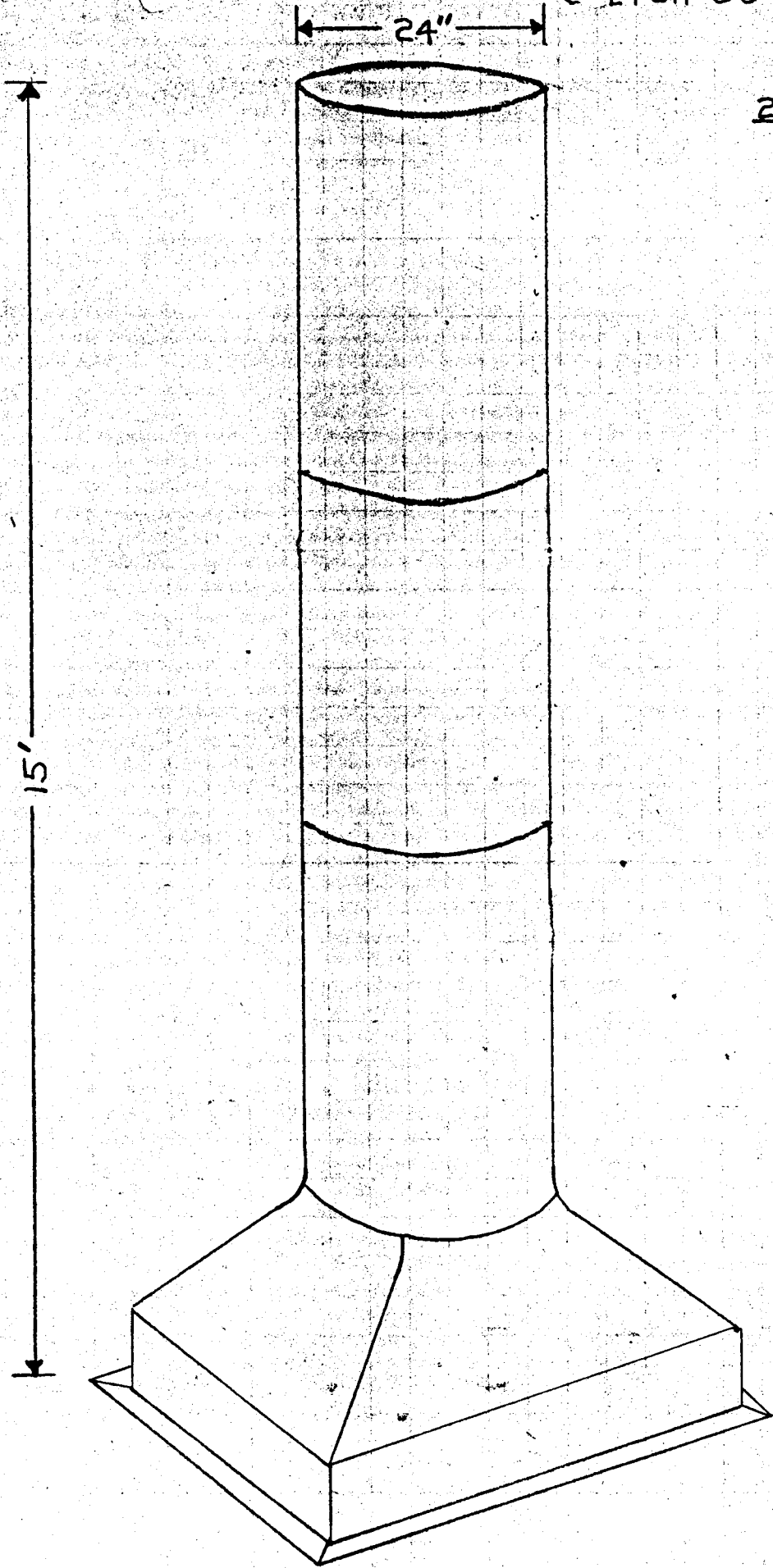
BRACES AND ATTACH TO THE ROOF EDGES AND THE NEW COLLAR ON THE 24" ROUND DUCT AT 45° ANGLES. BLDG. 225 HAS A CONCRETE EDGE AND BLDG. 101 HAS A WOODEN EDGE. DUE TO THE UNABILITY TO OBTAIN CENTERLINE MEASUREMENTS FROM THE 24" ROUND DUCT TO THE ROOF EDGES ON 45° ANGLES, FIELD MEASURE ANGLE IRON BRACING ONCE THE EXTENSIONS ARE IN PLACE.

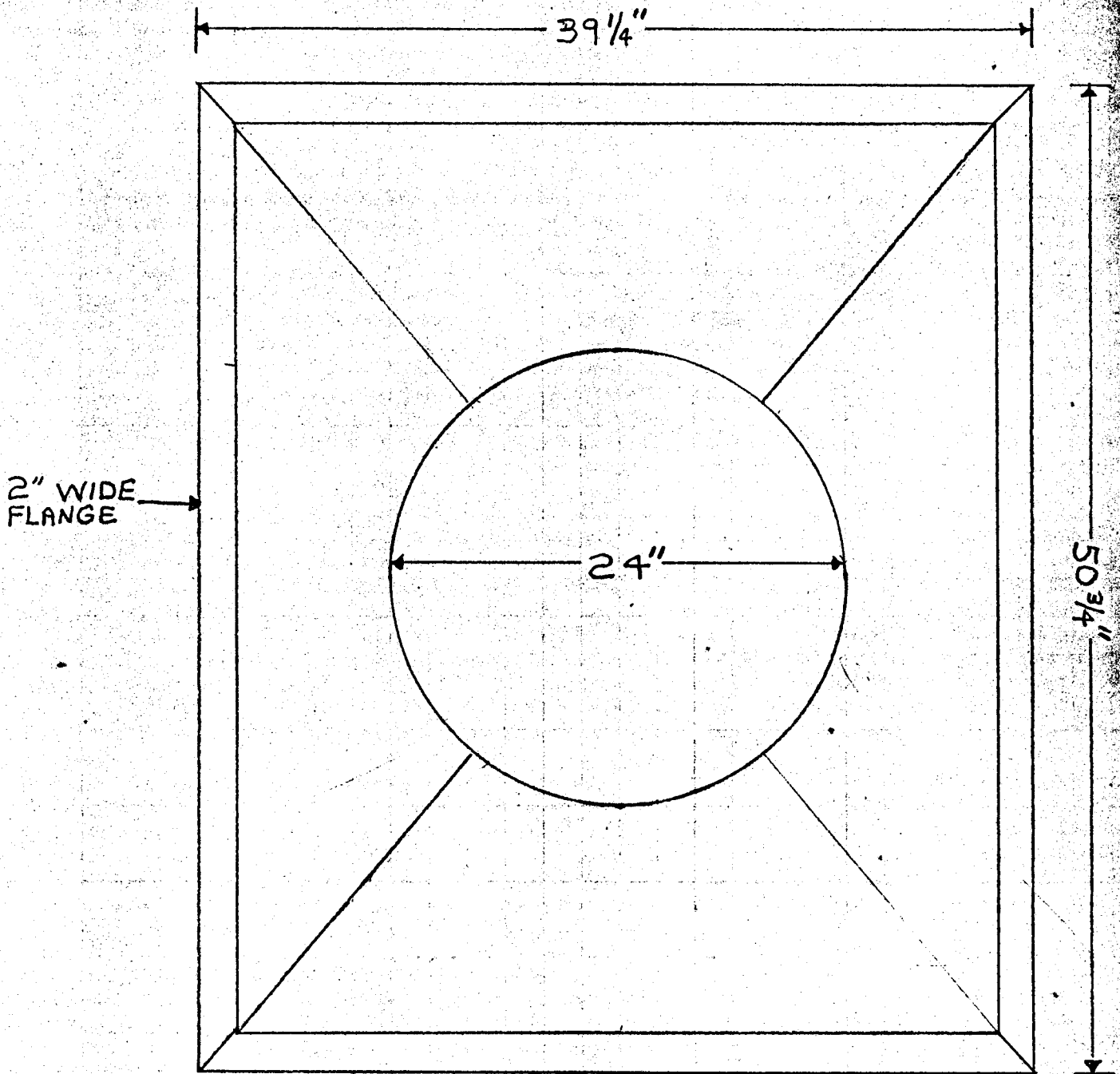
WC 81 [8] M.H.

PROVIDE RIGGING SERVICES AS REQUIRED BY WC 75.

ETCH G8-0153-M

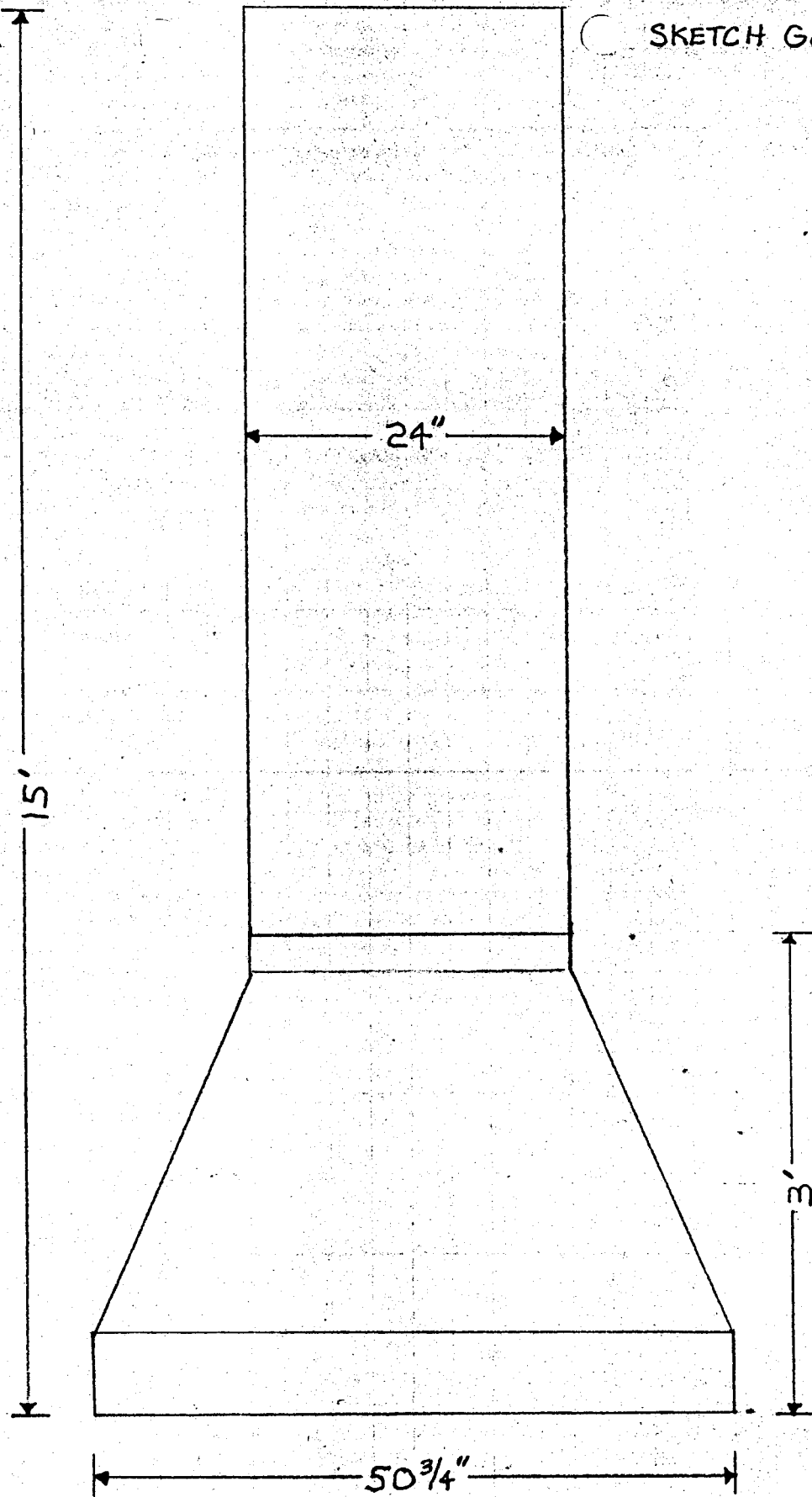
2 EACH





TOP VIEW

SKETCH G8-0153-AM3



SIDE VIEW

5-11.2 Solid fuel burning appliances may be installed with draft regulators to reduce draft intensity. Such regulators shall be installed and set in accordance with the instructions furnished with the appliance or the draft regulator.

5-11.3 A barometric draft regulator, if used, shall be installed in the same room or enclosure as the appliance in such a manner that no difference in pressure between the air in the vicinity of the regulator and the combustion air supply will be permitted.

Chapter 6 Vents

6-1 Types and Uses. [See Table 1-2(b).]

6-1.1 Type B gas vents shall be used to vent only listed gas appliances with draft hoods and other gas appliances listed for use with Type B gas vents.

Exception: Type B gas vents shall not be used for venting:

- (a) Vented wall furnaces listed for use with Type BW gas vents only.
- (b) Incinerators.
- (c) Appliances which may be converted readily to the use of solid or liquid fuels.
- (d) Combination gas-oil burning appliances.
- (e) Appliances listed for use with chimneys only.

6-1.2 Type BW vents shall be used only with listed vented gas wall furnaces having a capacity not greater than that of the listed Type BW gas vent.

6-1.3 Type L vents shall be used only with appliances listed as suitable for such use and gas appliances listed as suitable for use with Type B gas vents.

6-1.4 Single-wall metal pipe used to vent gas appliances shall conform to the following requirements.

6-1.4.1 Single-wall metal pipe shall not be used to vent incinerators.

Exception: For residential incinerators as provided for in 2-2.5.1 of NFPA 82, Standard on Incinerators, Waste and Linen Handling Systems and Equipment.

6-1.4.2 The pipe shall be of sheet copper with a thickness not less than 0.0201 in. (0.533 mm) (24 B & S gage) or galvanized steel with a thickness not less than 0.036 in. (0.914 mm) (20 gage).

6-1.4.3 Single-wall metal pipe shall be used only for runs directly from the space in which the appliance is located through the roof or exterior wall to the outer air.

6-1.4.4 Single-wall metal pipe shall not originate in any unoccupied attic or concealed space and shall not pass through any attic, inside wall, concealed space nor through any floor or ceiling.

6-2 Location: Outside vents for appliances used in cold climates shall be insulated.

6-3 Termination.

6-3.1 All vents shall terminate above the roof surface. [See Figures 3-3(a) and (b).]

Exception: As provided in 6-3.5 and 6-6.

6-3.1.1 Vents installed with mechanical exhausters shall terminate not less than 12 in. (305 mm) above the highest point where they pass through the roof surface.

6-3.1.2 Vents installed with listed caps shall terminate in accordance with the terms of the cap's listing.

6-3.1.3 Vents installed without listed caps or mechanical exhausters shall extend 2 ft (.61 m) above the highest point where they pass through the roof surface of a building and at least 2 ft (.61 m) higher than any portion of a building within 10 ft (3.1 m).

6-3.2 Natural draft vents for gas appliances shall terminate at an elevation not less than 5 ft (1.53 m) above the highest connected appliance outlet.

Exception: As provided in 6-3.3 and 6-6.2.

6-3.3 Natural draft gas vents serving vented wall furnaces shall terminate at an elevation not less than 12 ft (3.7 m) above the bottom of the furnace.

6-3.4 Vents passing through roofs shall extend through roof flashing.

6-3.5 Mechanical draft systems need not comply with 6-3.1 and 6-3.3 provided they comply with the following:

(a) The exit terminal of a mechanical draft system, other than a direct vent appliance (sealed combustion system appliance), shall be located in accordance with the following:

1. Not less than 3 ft (.91 m) above any forced air inlet located within 10 ft (3 m).
2. Not less than 4 ft (1.2 m) below, 4 ft (1.2 m) horizontally from or 1 ft (305 mm) above any door, window or gravity air inlet into any building, and
3. Not less than 2 ft (.61 m) from an adjacent building and not less than 7 ft (2.1 m) above grade when located adjacent to public walkways.

(b) The exit terminal shall be so arranged that flue gases are not directed so as to jeopardize people, overheat combustible structures or enter buildings.

(c) Forced draft systems and all portions of induced draft systems under positive pressure during operation shall be designed and installed so as to be gastight or so as to prevent leakage of combustion products into a building.

6-4 Marking of Gas Vents. In those sections of the country where solid and liquid fuels are used extensively, gas vents shall be plainly and permanently identified by a label reading: "This gas vent is for appliances which burn gas only. Do not connect to incinerators or solid or liquid fuel burning appliances."