

4474B

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

FLUORESCENT

LIGHT FIXTURE

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

ELECTRICAL NOTES:

- 1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED FROM LIGHT SWITCH TO J-BOX(D)BY CADDY. DISCONNECTED FOR SHIPPING AT J-BOX(C). RECONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR.
- 2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

GENERAL NOTES

EXHAUST AIR REQUIREMENTS:

- 1. EXHAUST C.F.M. BASED ON VARIOUS C.F.M. PER LINEAR FOOT.
- 2. EXHAUST STATIC PRESSURE IS 1.60" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
- 3. DUCT SIZE BASED ON 1800 F.P.M..
- **EXHAUST FAN REQUIREMENTS:**
- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

MAKE-UP AIR REQUIREMENTS:

- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES.
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.

INSTALLATION: 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL

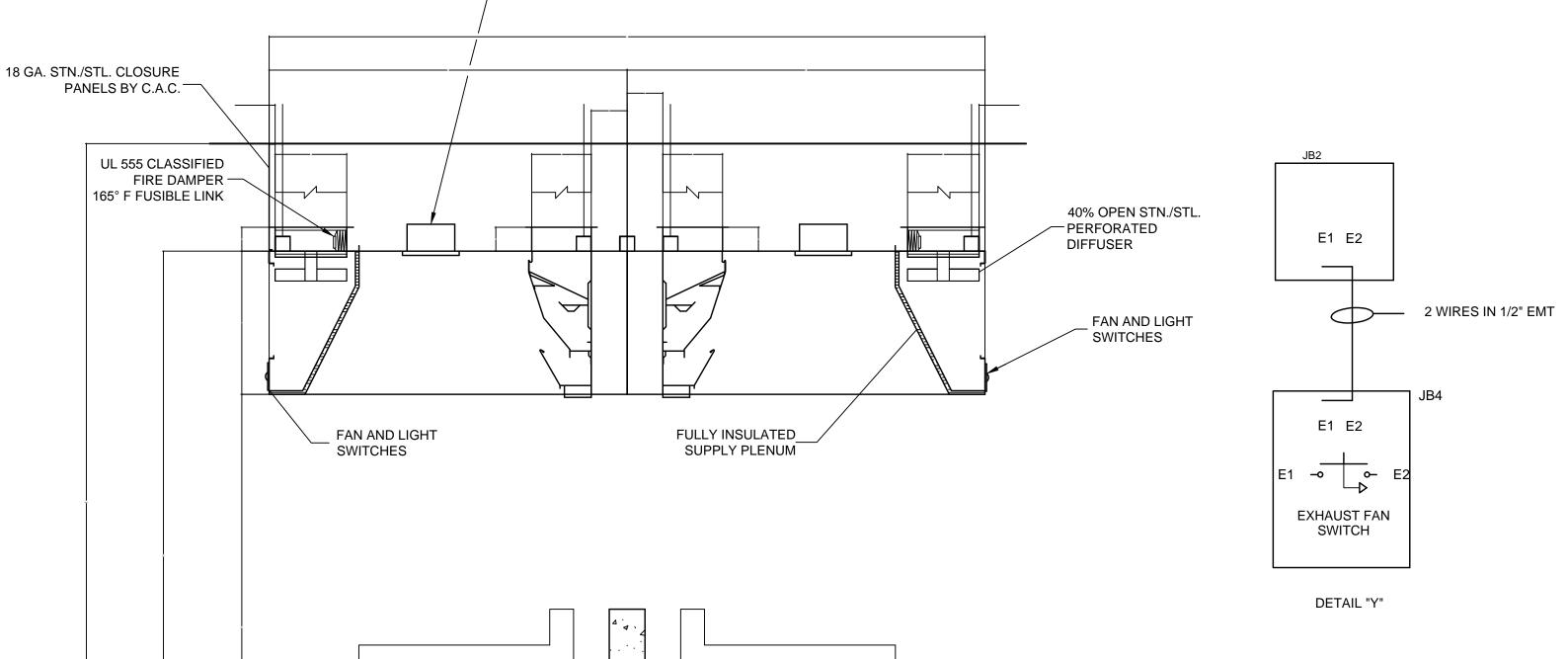
- CODES. CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE
- AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.)
- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS. IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION:

- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C. 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS
- INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

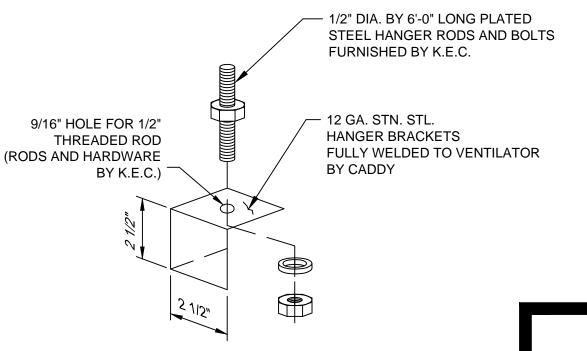
1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY K.E.C.



EQUIPMENT

UNDER HOODS

BY K.E.C.



GENERAL CONTRACT CONDITIONS
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH

AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ACKNOWLEDGED ON OUR STANDARD FORM.

STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE. AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION

LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET

REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO

CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION

ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL

BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO

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DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR

FLUORESCENT

LIGHT FIXTURE

DETAIL "X"

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER HANGER BRACKET DETAIL LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES. SCALE: 1/4"=1"

B AND COVER

(1060-05)

(1063-01)

MC CABLE

A L1

VENT LIGHT

SWITCH

2 WIRES IN 1/2" EMT —

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

SECTION Z-Z

SCALE: 3/4"=1'-0"

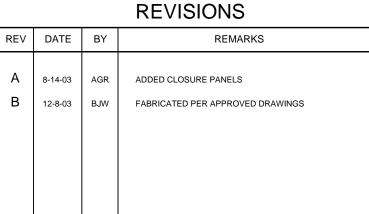
(12) COMPONENT HARDWARE

RECESSED FLUORESCENT

(48") PN #: NSF-8240-OCT

LIGHT FIXTURES





APP'D BY



CADDY Air Systems

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 9'-2" LONG x 5'-0" WIDE x 28 1/2" HIGH MAXIMUM ANSUL ENCLOSURE DIMENSIONS 10'-0" LONG x 1'-0" WIDE x 26 1/2" HIGH

ESTIMATED TOTAL HANGING WEIGHT: 4,850 LBS.

VENTILATOR TO BE SHIPPED IN (7) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 **ROUGH-IN SCHEDULE** Tel:(856) 467-4222 Fax:(856) 467-5511 **EQUIPMENT SCHEDULE** SYM QTY DESCRIPTION D 120V, 60HZ, 1PH, 0.48 K.W. CONNECTED LOAD (EACH) SH-C-PA-I-60 Ε 120V, 60HZ, 1PH, 15 A. SERVICE TO ANSUL SYSTEM BY E.C. CADDY NO. 06608-6 ITEM NO. 127 JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (INSTRUCT. #1) LOC: CINCINNATI, OH CUST: CUST#: AS NOTED 06/23/03 DWG# D-1-06608

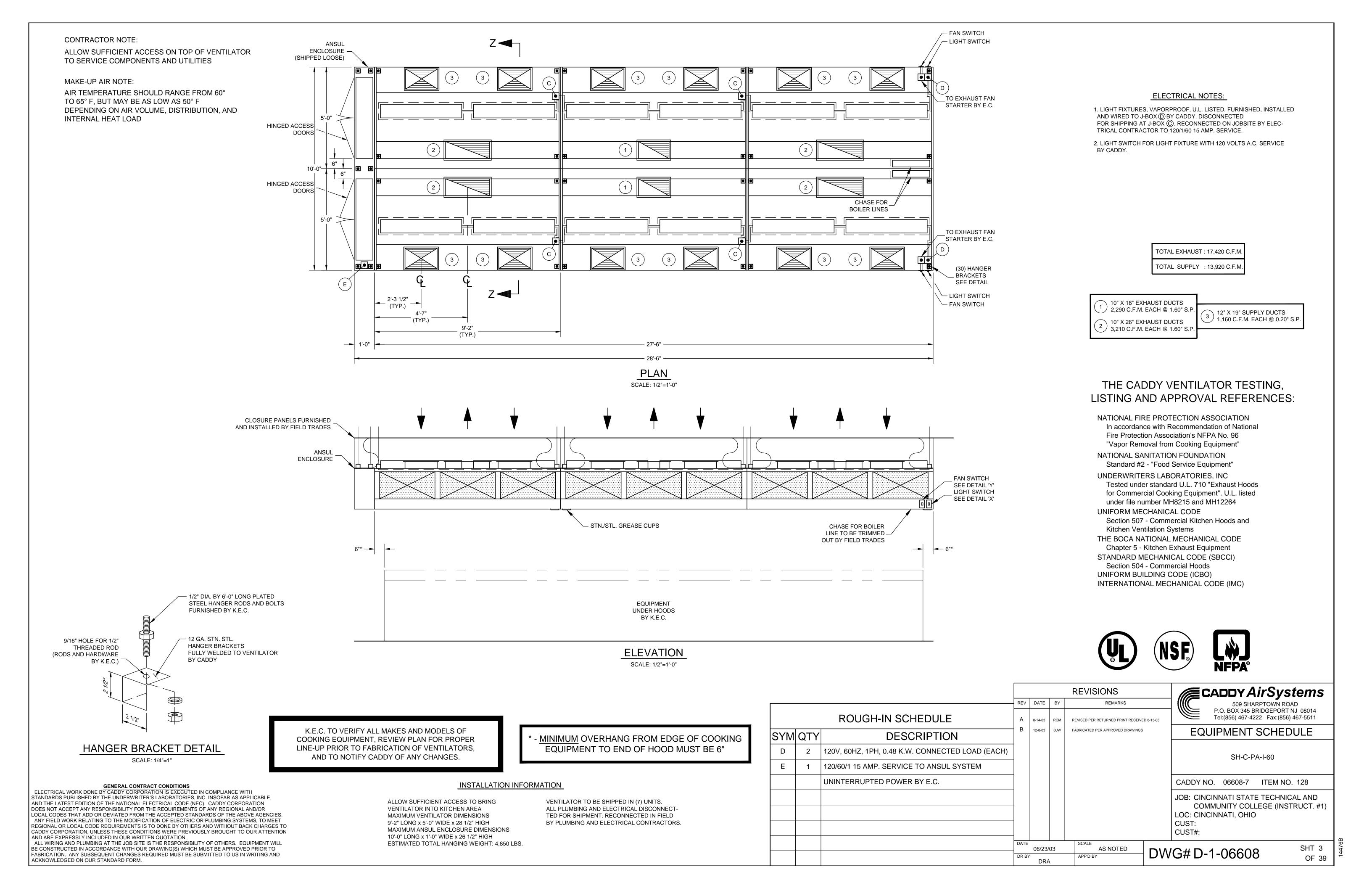
EQUIPMENT

UNDER HOODS

BY K.E.C.

SHT 2

OF 39



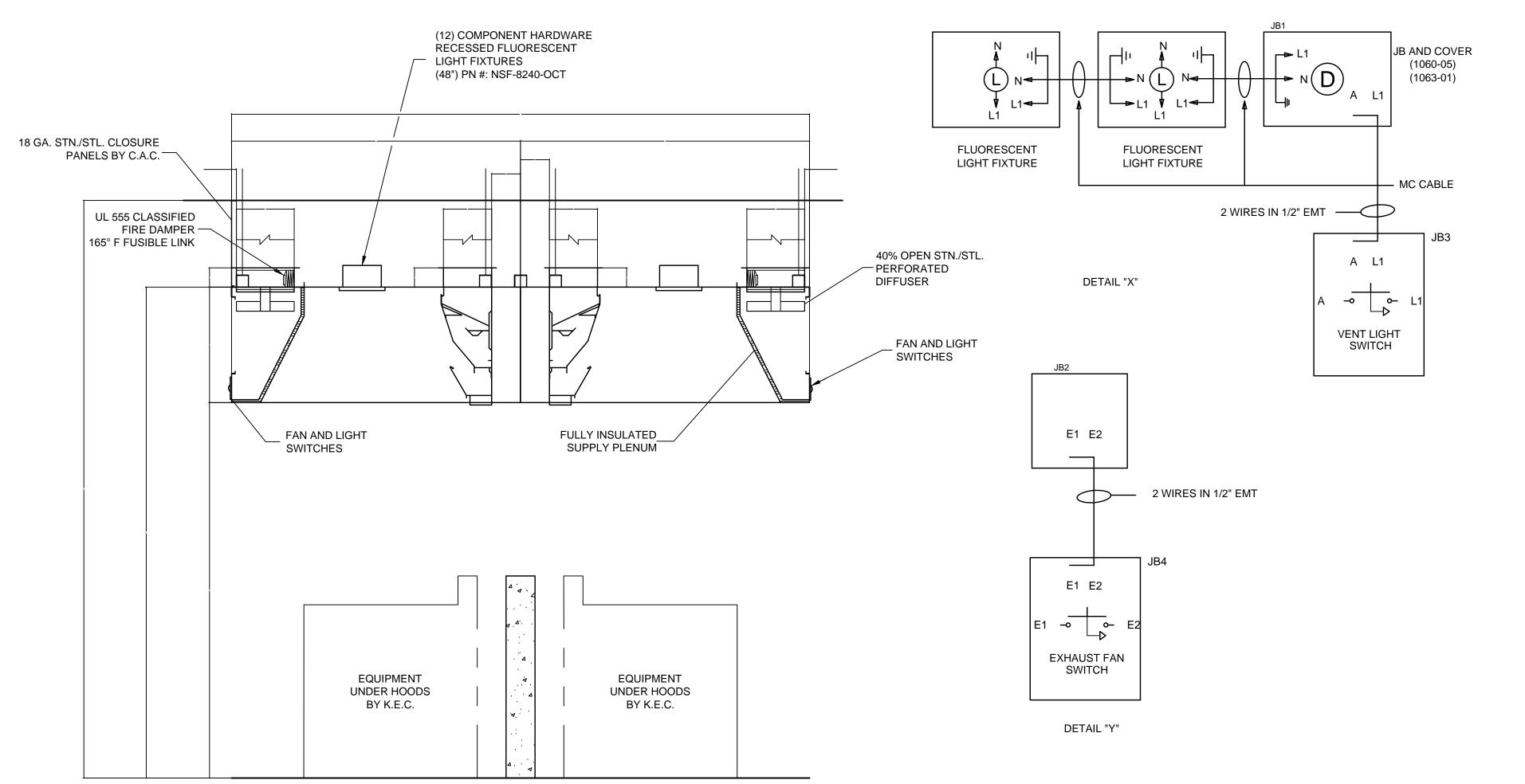
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- 2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.



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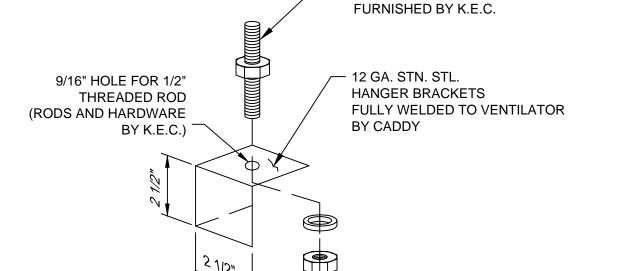
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ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.



1/2" DIA. BY 6'-0" LONG PLATED STEEL HANGER RODS AND BOLTS

HANGER BRACKET DETAIL

SCALE: 1/4"=1"

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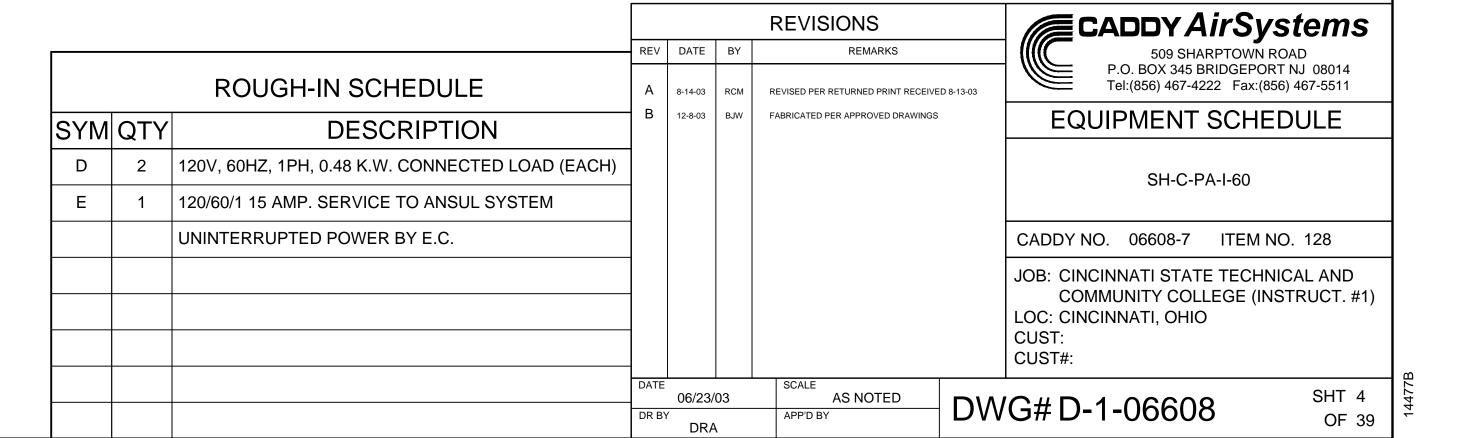
SECTION Z-Z

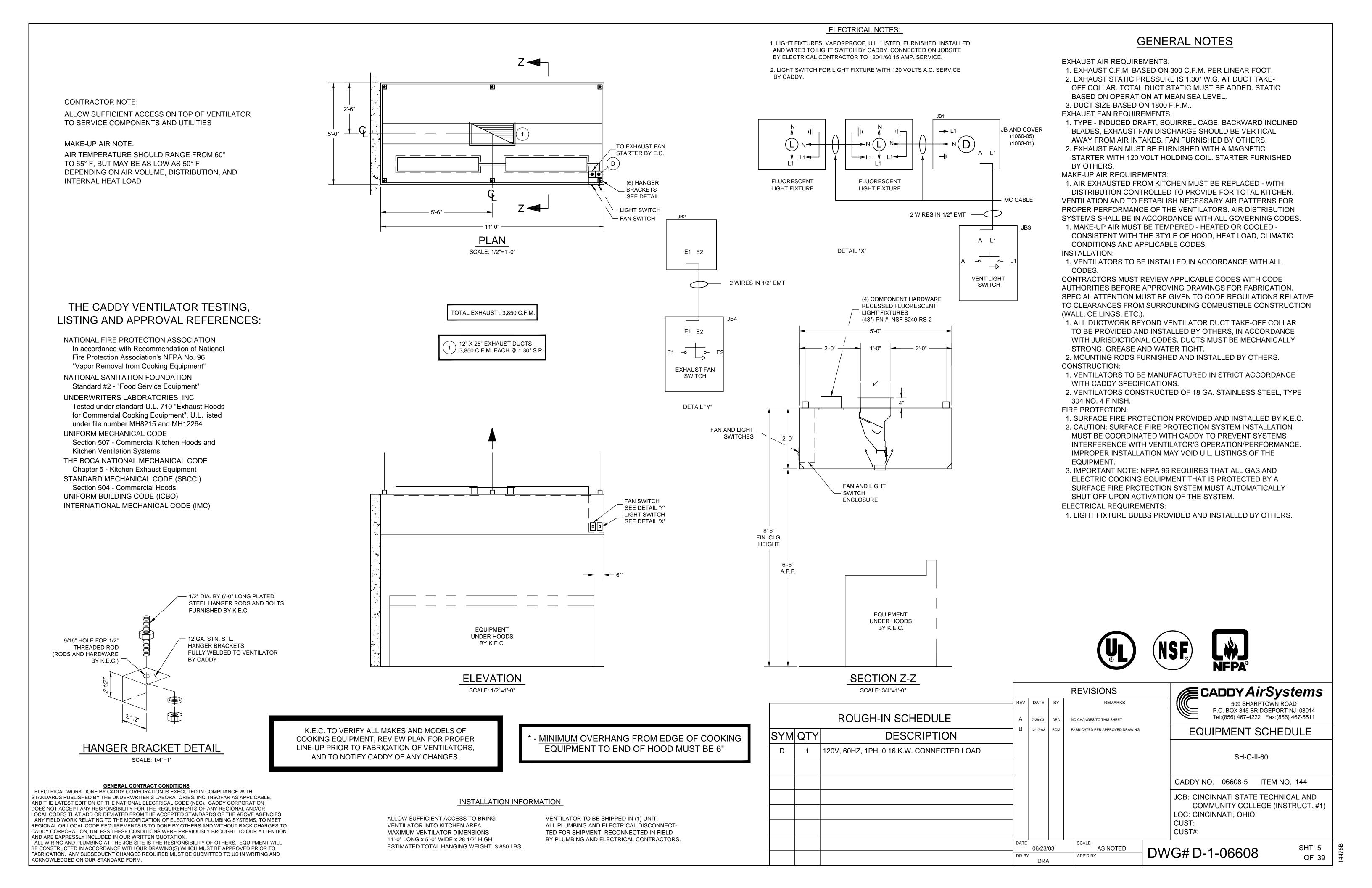
SCALE: 3/4"=1'-0"

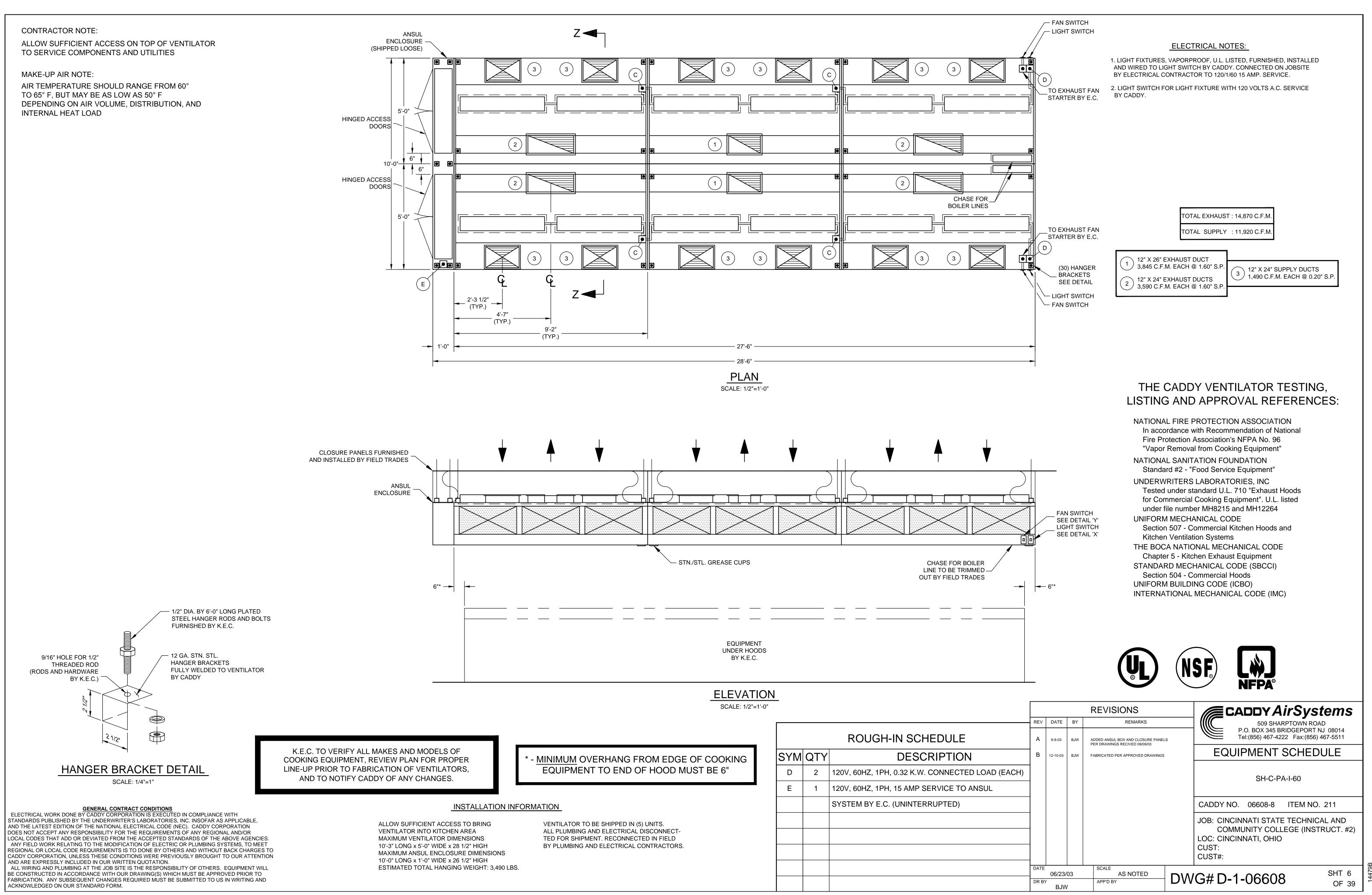
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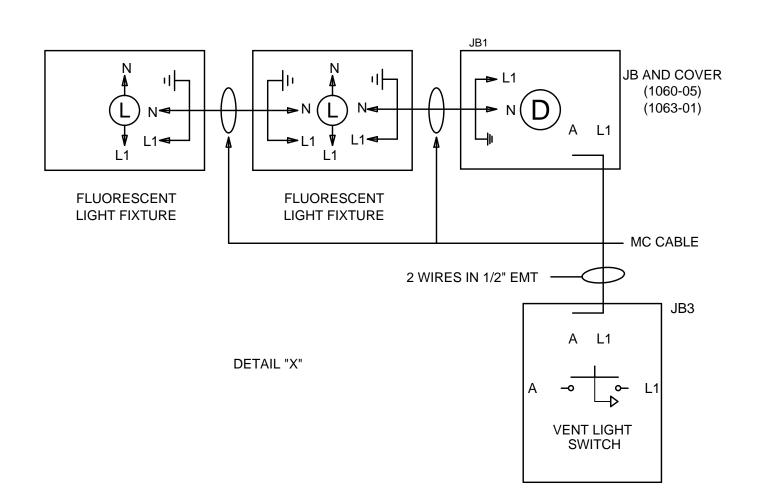


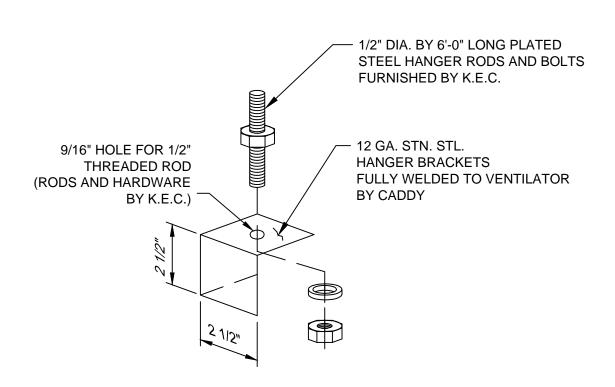


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MAKE-UP AIR NOTE:

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HANGER BRACKET DETAIL

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GENERAL CONTRACT CONDITIONS

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1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.

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GENERAL NOTES

3. DUCT SIZE BASED ON 1800 F.P.M..

EXHAUST FAN REQUIREMENTS:

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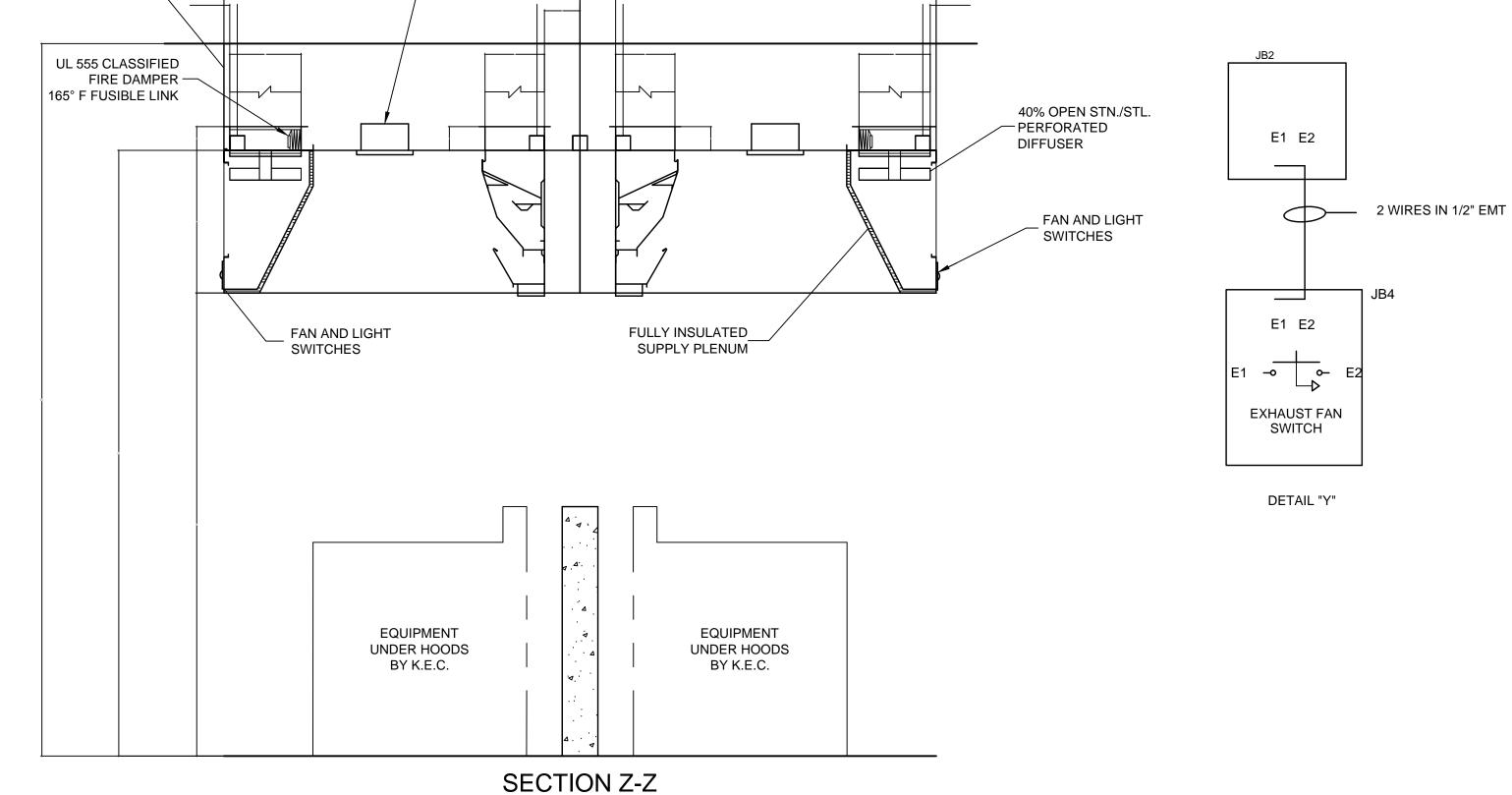
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1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.



(12) COMPONENT HARDWARE

RECESSED FLUORESCENT

(48") PN #: NSF-8240-OCT

LIGHT FIXTURES







K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

INSTALLATION INFORMATION

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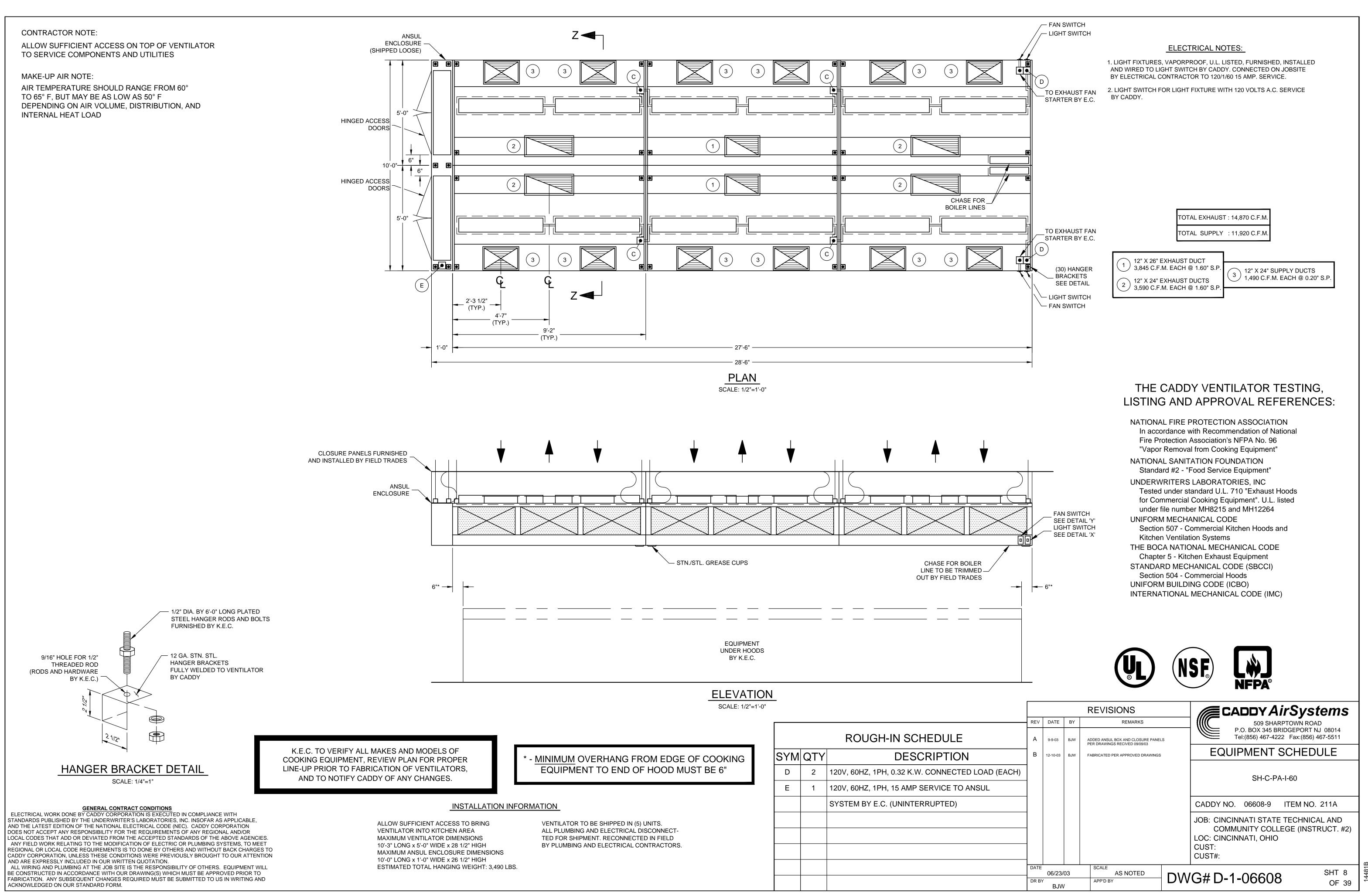
18 GA. STN./STL. CLOSURE

PANELS BY C.A.C.

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SCALE: 3/4"=1'-0"

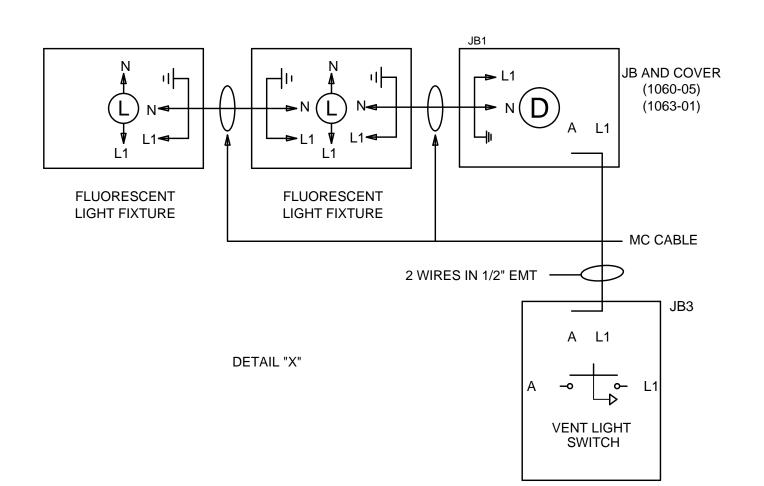
			REVISIONS					CADDY Air Systems				
			REV	DATE	BY	REMARKS		509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014				
		ROUGH-IN SCHEDULE	Α	9-9-03	BJW	ADDED ANSUL BOX AND CLOSURE PANELS PER DRAWINGS RECIVED 09/09/03	3	Tel:(856) 467-4222 Fax:(856) 467-5511				
SYM	QTY	DESCRIPTION	B 12-10-03 BJW FABRICATED PER APPROVED DRAWINGS					EQUIPMENT SCHEDULE				
D	2	120V, 60HZ, 1PH, 0.32 K.W. CONNECTED LOAD (EACH)						SH-C-PA-I-60				
Е	1	120V, 60HZ, 1PH, 15 AMP SERVICE TO ANSUL										
		SYSTEM BY E.C. (UNINTERRUPTED)						CADDY NO. 06608-8 ITEM NO. 211				
								JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (INSTRUCT. #2) LOC: CINCINNATI, OH CUST: CUST#:				
			DATE	06/23/	03	AS NOTED	חואן	G# D-1-06608 SHT 7				
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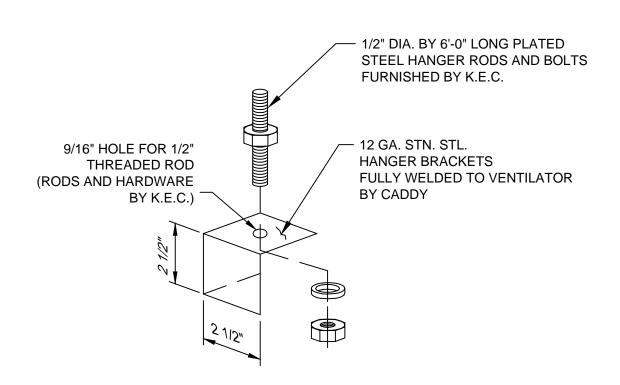


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- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.

INSTALLATION:

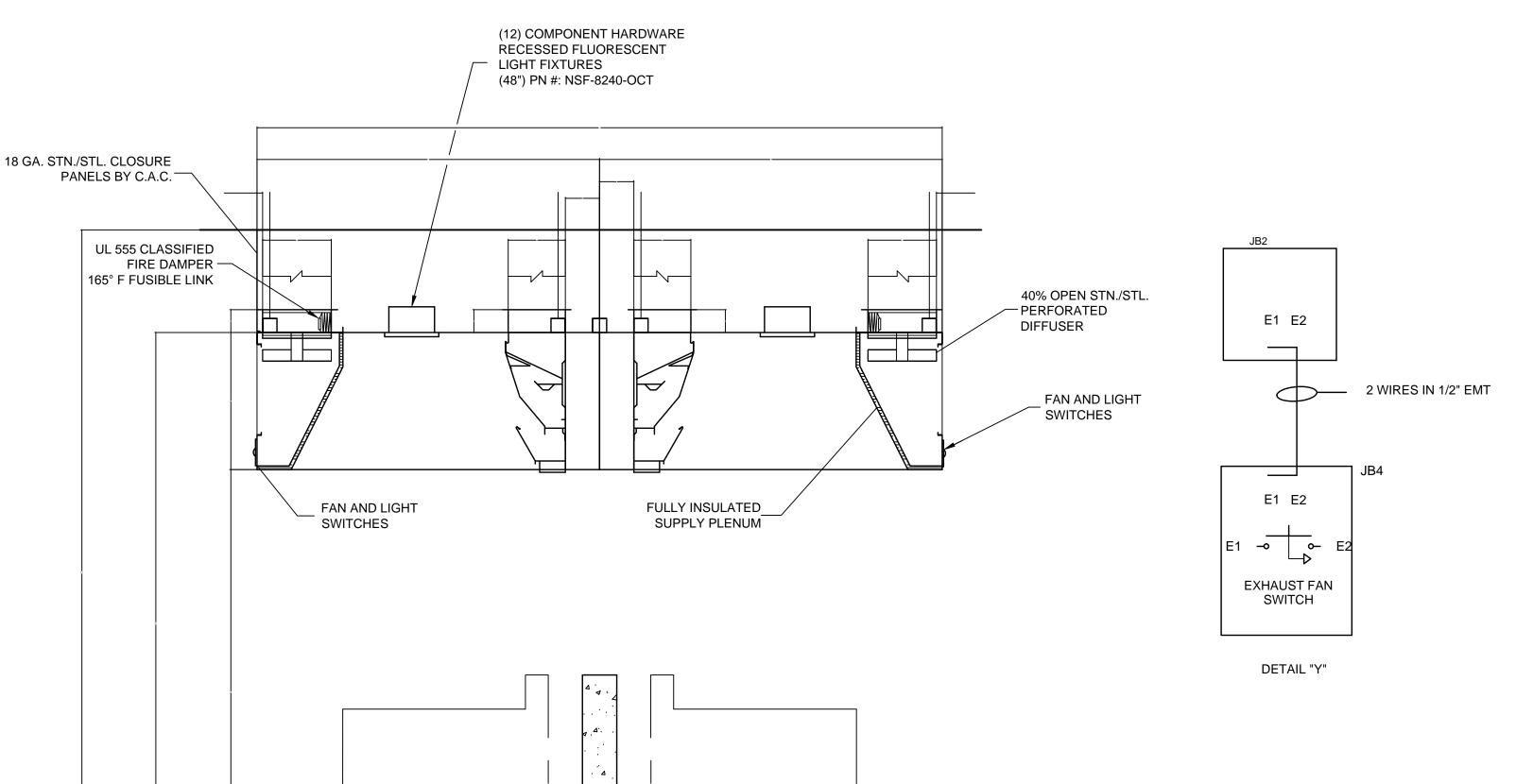
- 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL CODES.
- CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.).
- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS, IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION:

- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C. 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION
- MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.



EQUIPMENT

UNDER HOODS

BY K.E.C.

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 10'-3" LONG x 5'-0" WIDE x 28 1/2" HIGH MAXIMUM ANSUL ENCLOSURE DIMENSIONS 10'-0" LONG x 1'-0" WIDE x 26 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 3,490 LBS.

VENTILATOR TO BE SHIPPED IN (5) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

EQUIPMENT

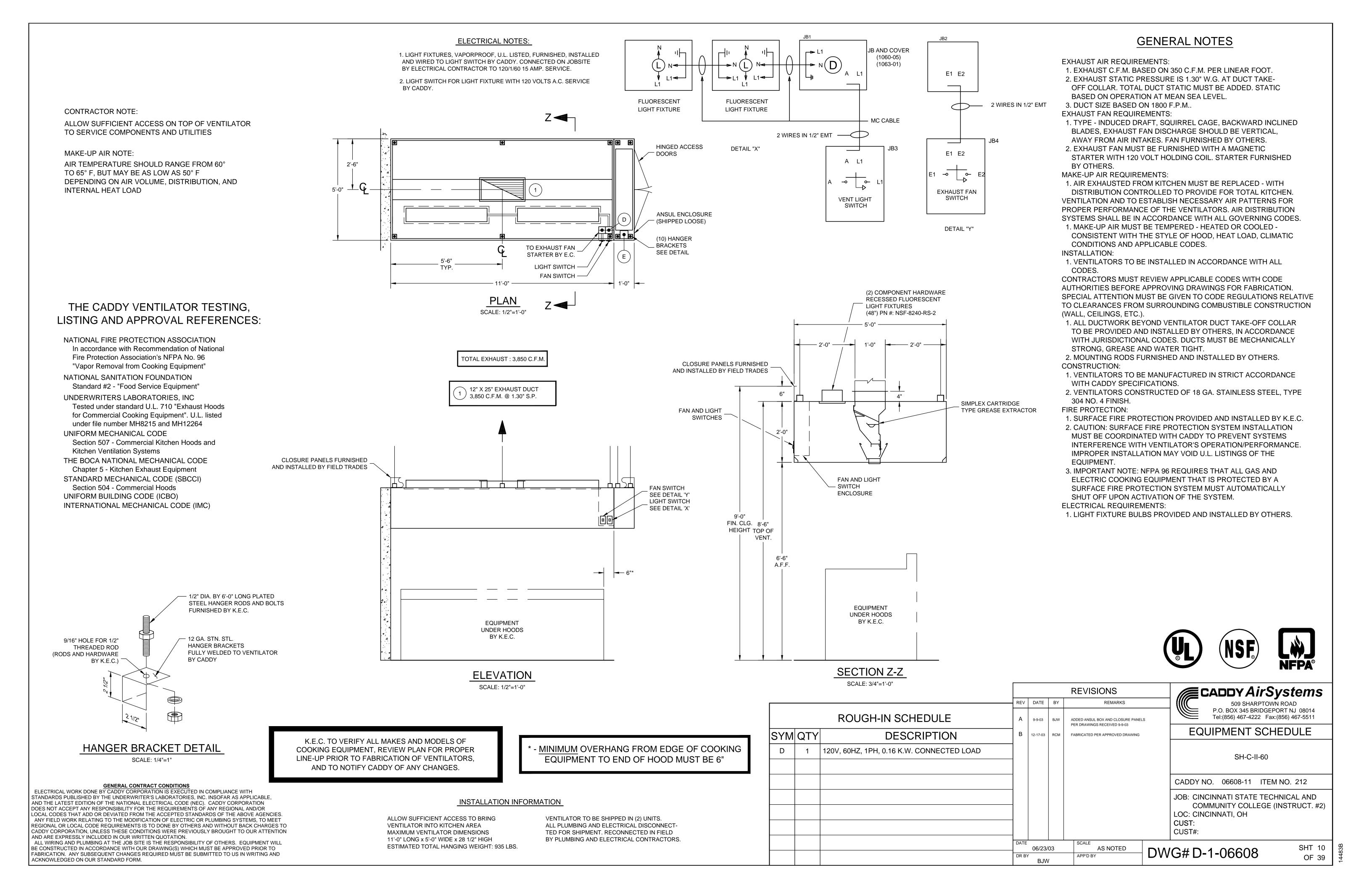
UNDER HOODS

BY K.E.C.

SECTION Z-Z

SCALE: 3/4"=1'-0"

						REVISIONS		CADDY Air Systems				
	ROUGH-IN SCHEDULE			9-9-03	BY	REMARKS ADDED ANSUL BOX AND CLOSURE PANEL PER DRAWINGS RECIVED 09/09/03	LS	509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511				
SYM	QTY	DESCRIPTION	В	12-10-03	BJW	FABRICATED PER APPROVED DRAWINGS	R APPROVED DRAWINGS EQUIPMENT SCH					
D	2	120V, 60HZ, 1PH, 0.32 K.W. CONNECTED LOAD (EACH)						SH-C-PA-I-60				
Е	1	120V, 60HZ, 1PH, 15 AMP SERVICE TO ANSUL										
		SYSTEM BY E.C. (UNINTERRUPTED)						CADDY NO. 06608-9 ITEM NO. 211A				
								JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (INSTRUCT. #2) LOC: CINCINNATI, OH CUST: CUST#:	8			
			DATE	06/23/	03	SCALE AS NOTED	ראל	G# D-1-06608 SHT 9	4482B			
			DR BY BJW			APP'D BY		OF 39	÷			



ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

THE CADDY VENTILATOR TESTING. LISTING AND APPROVAL REFERENCES:

NATIONAL FIRE PROTECTION ASSOCIATION In accordance with Recommendation of National Fire Protection Association's NFPA No. 96 "Vapor Removal from Cooking Equipment"

NATIONAL SANITATION FOUNDATION Standard #2 - "Food Service Equipment"

UNDERWRITERS LABORATORIES, INC Tested under standard U.L. 710 "Exhaust Hoods for Commercial Cooking Equipment". U.L. listed under file number MH8215 and MH12264 UNIFORM MECHANICAL CODE

Section 507 - Commercial Kitchen Hoods and Kitchen Ventilation Systems

THE BOCA NATIONAL MECHANICAL CODE Chapter 5 - Kitchen Exhaust Equipment STANDARD MECHANICAL CODE (SBCCI) Section 504 - Commercial Hoods UNIFORM BUILDING CODE (ICBO)

INTERNATIONAL MECHANICAL CODE (IMC)

9/16" HOLE FOR 1/2"

(RODS AND HARDWARE

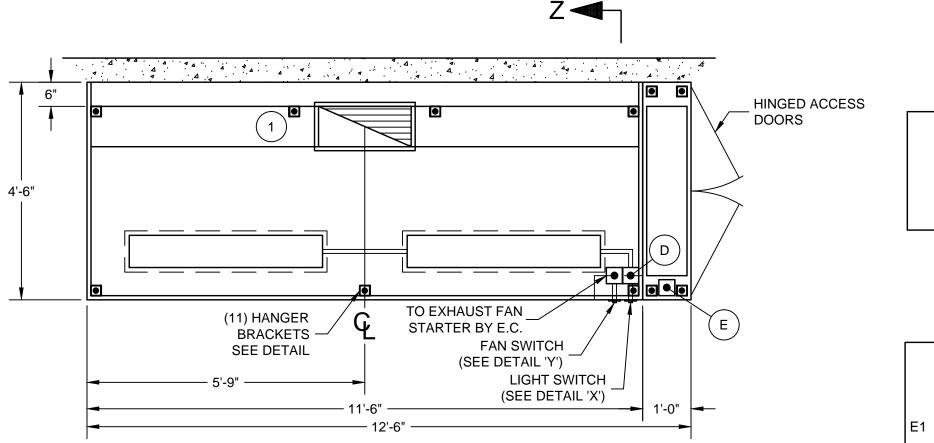
THREADED ROD

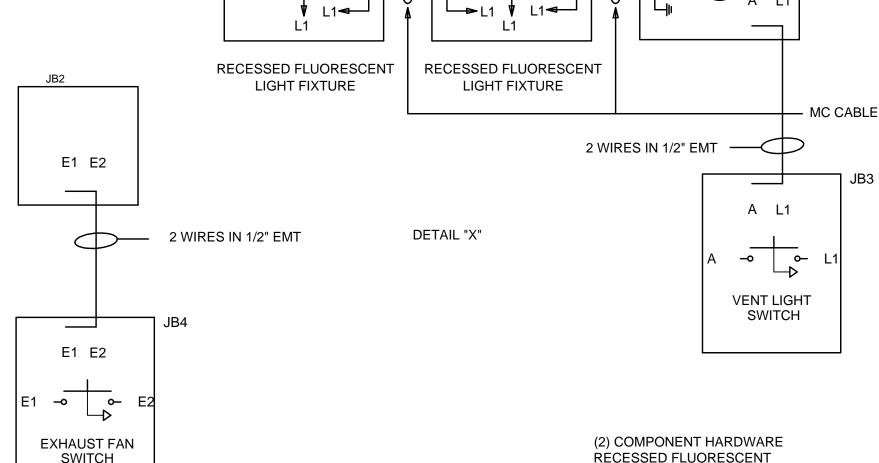
BY K.E.C.)

ELECTRICAL NOTES:

1. LIGHT FIXTURES. VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO J-BOX (D) BY CADDY. RECONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY ELECTRICAL CONTRACTOR.





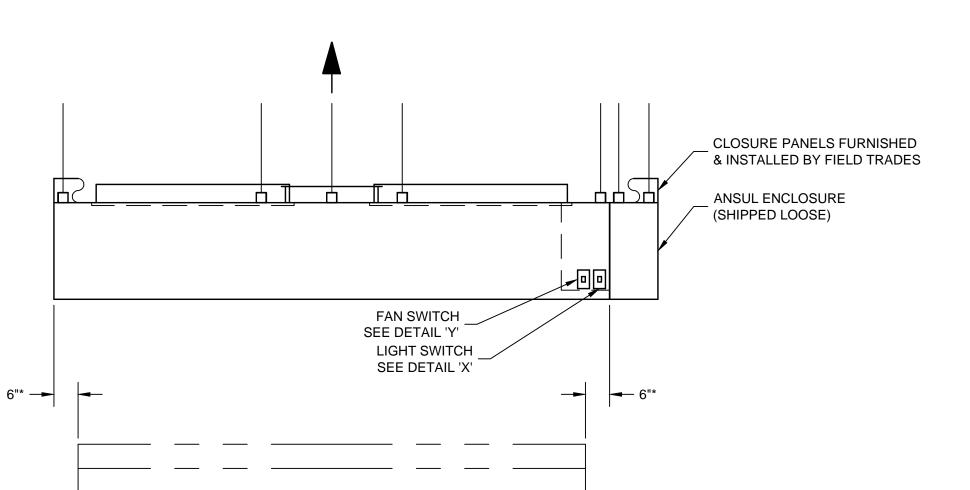
TOTAL EXHAUST: 2,875 C.F.M

10" X 23" EXHAUST DUCT

ノ 2,875 C.F.M. @ 1.30" S.P.

PLAN

SCALE: 1/2"=1'-0"



FAN AND LIGHT SWITCHES **FAN AND LIGHT** SWITCH ENCLOSURE 9'-0" FIN. CLG. 8'-6" HEIGHT TOP OF **VENTILATOR** A.F.F

LIGHT FIXTURES

EQUIPMENT UNDER HOODS BY K.E.C.

SECTION Z-Z

SCALE: 3/4"=1'-0"

(48") PN #: NSF-8240-OCT

10"

EQUIPMENT UNDER HOODS BY K.E.C.

ELEVATION

SCALE: 1/2"=1'-0"

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

SWITCH

DETAIL "Y"

CLOSURE PANELS INSTALLED

& FURNISHED BY FIELD TRADES

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 11'-6" LONG x 4'-6" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 900 LBS. VENTILATOR TO BE SHIPPED IN (2) UNIT. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

GENERAL NOTES

EXHAUST AIR REQUIREMENTS:

- 1. EXHAUST C.F.M. BASED ON 247 C.F.M. PER LINEAR FOOT.
- 2. EXHAUST STATIC PRESSURE IS 1.30" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
- 3. DUCT SIZE BASED ON 1800 F.P.M..
- **EXHAUST FAN REQUIREMENTS:**

JB AND COVER

(1060-05)

(1063-01)

- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

MAKE-UP AIR REQUIREMENTS:

- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES. **INSTALLATION:**
- 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL CODES
- CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.)
- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS. IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.
- FIRE PROTECTION: 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.
- 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.



REVISIONS

APP'D BY





CADDY Air Systems REV DATE BY 509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 **ROUGH-IN SCHEDULE** Tel:(856) 467-4222 Fax:(856) 467-5511 9-9-03 ADDED ANSUL BOX AND CLOSURE PANELS PER DRAWINGS RECEIVED 9/9/03 **EQUIPMENT SCHEDULE** SYM QTY **DESCRIPTION** B | 12-15-03 | SWL FABRICATED PER APPROVED DRAWING D 120V, 60HZ, 1PH, 0.16 K.W. CONNECTED LOAD SH-C-54 120V, 60HZ, 1PH, 15 AMP SERVICE TO ANSUL CADDY NO. 06608-10 ITEM NO. 213 SYSTEM BY E.C. (UNINTERRUPTED) JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (INSTRUCT. #2) LOC: CINCINNATI, OH CUST: CUST#: SHT 11 AS NOTED 06/23/03 DWG# D-1-06608

STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE. AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL

HANGER BRACKET DETAIL

GENERAL CONTRACT CONDITIONS ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH

SCALE: 1/4"=1"

1/2" DIA. BY 6'-0" LONG PLATED STEEL HANGER RODS AND BOLTS

FULLY WELDED TO VENTILATOR

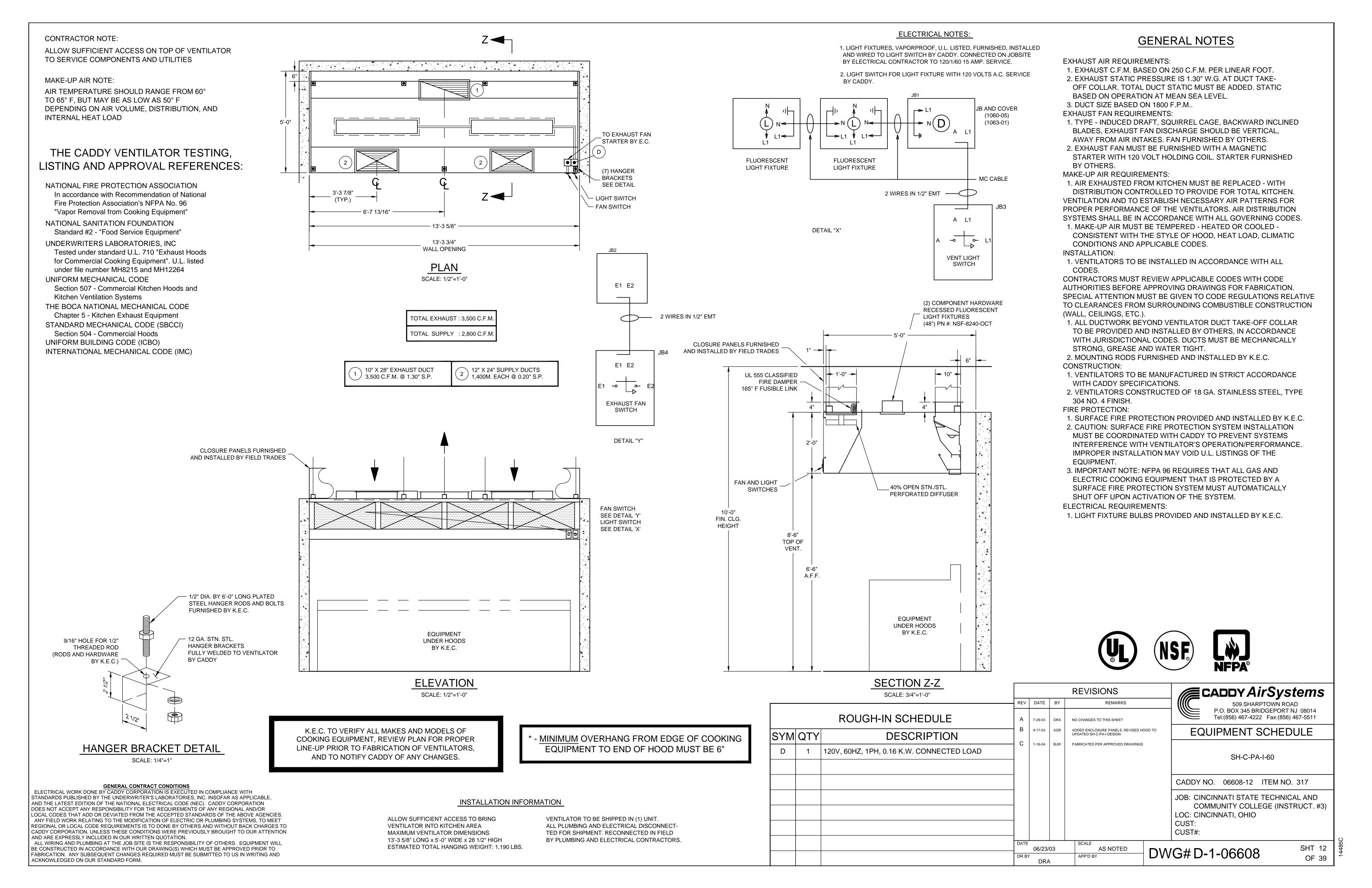
FURNISHED BY K.E.C.

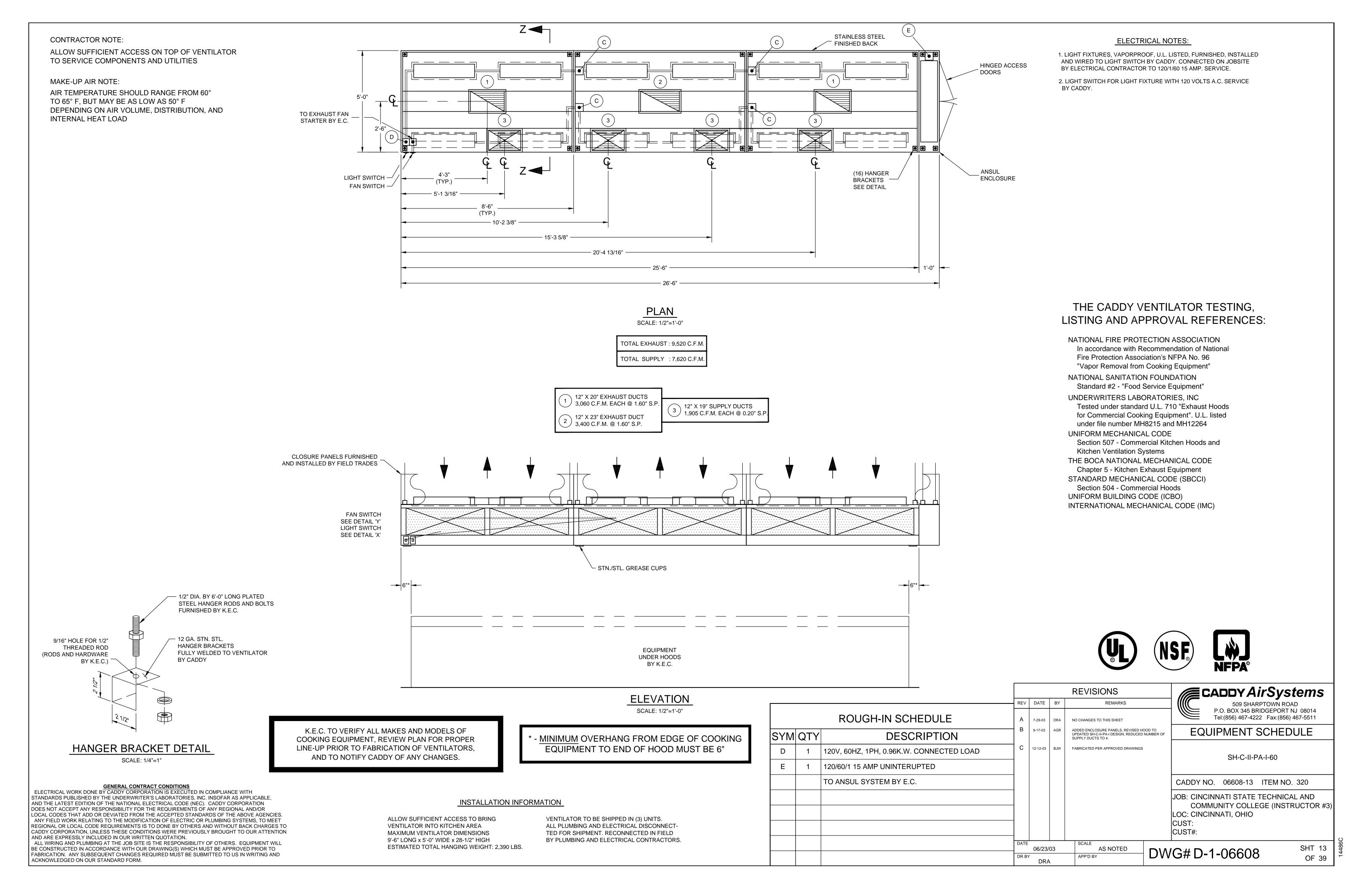
- 12 GA. STN. STL.

HANGER BRACKETS

BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

OF 39

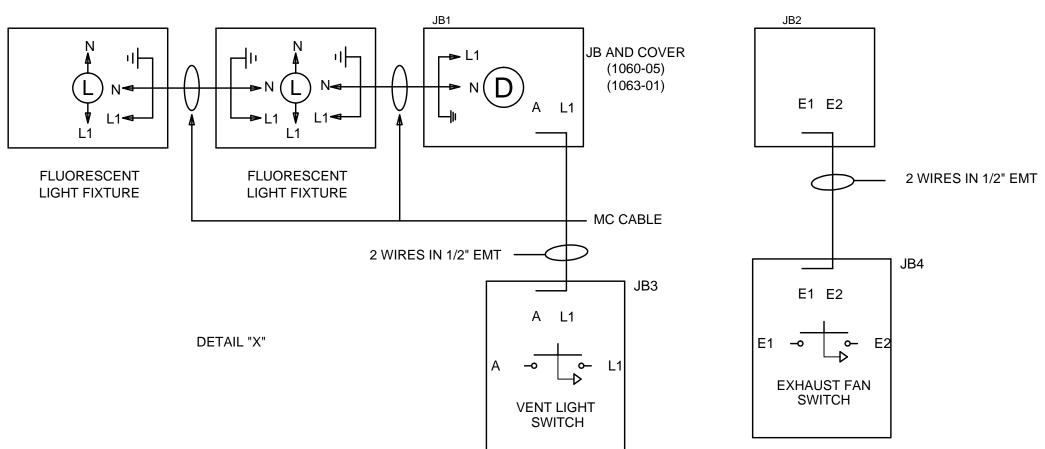




ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD



ELECTRICAL NOTES:

- 1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.
- 2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

DETAIL "Y" (12) COMPONENT HARDWARE RECESSED FLUORESCENT LIGHT FIXTURES (48") PN #: NSF-8240-OCT 18 GA. STN./STL. CLOSURE PANELS BY C.A.C. UL 555 CLASSIFIED FIRE DAMPER 165° F FUSIBLE LINK 40% OPEN STN./STL. -PERFORATED DIFFUSER **FAN AND LIGHT** SWITCHES FULLY INSULATED FAN AND LIGHT SUPPLY PLENUM SWITCHES **EQUIPMENT EQUIPMENT UNDER HOODS UNDER HOODS** BY K.E.C. BY K.E.C. **SECTION Z-Z**

SCALE: 3/4"=1'-0"

- **EXHAUST AIR REQUIREMENTS:** 1. EXHAUST C.F.M. BASED ON VARIOUS C.F.M. PER LINEAR FOOT.
- 2. EXHAUST STATIC PRESSURE IS 1.60" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.

GENERAL NOTES

- 3. DUCT SIZE BASED ON 1,800 F.P.M..
- **EXHAUST FAN REQUIREMENTS:**
- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

MAKE-UP AIR REQUIREMENTS:

- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES.
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES. INSTALLATION:

1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL

CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.).

- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS. IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY K.E.C. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION: 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.

- 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY K.E.C.







K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

GENERAL CONTRACT CONDITIONS

HANGER BRACKET DETAIL

SCALE: 1/4"=1"

9/16" HOLE FOR 1/2"

(RODS AND HARDWARE

THREADED ROD

ACKNOWLEDGED ON OUR STANDARD FORM.

BY K.E.C.)

ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO

FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

· 1/2" DIA. BY 6'-0" LONG PLATED STEEL HANGER RODS AND BOLTS

FULLY WELDED TO VENTILATOR

FURNISHED BY K.E.C.

· 12 GA. STN. STL.

BY CADDY

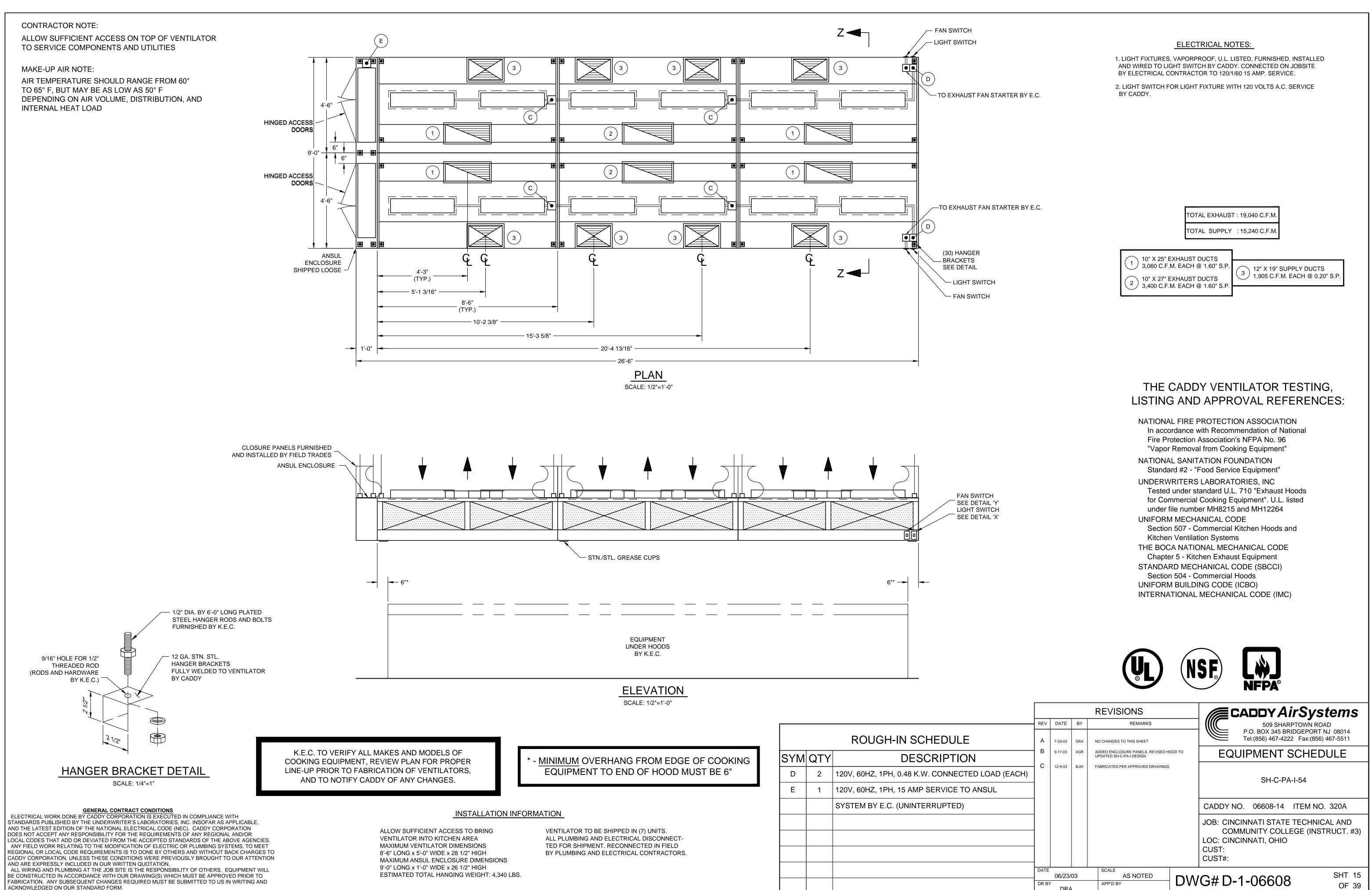
HANGER BRACKETS

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 9'-6" LONG x 5'-0" WIDE x 28-1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 2,390 LBS.

VENTILATOR TO BE SHIPPED IN (3) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

			REVISIONS					CADDY Air Systems
		ROUGH-IN SCHEDULE	REV	DATE 7-29-03	BY DRA	REMARKS NO CHANGES TO THIS SHEET		509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511
SYM	M QTY DESCRIPTION				AGR	ADDED ENCLOSURE PANELS, REVISED HC UPDATED SH-C-PA-I DESIGN	DOD TO	EQUIPMENT SCHEDULE
D	1	120V, 60HZ, 1PH, 0.96K.W. CONNECTED LOAD		12-12-03	BJW	FABRICATED PER APPROVED DRAWINGS		SH-C-II-PA-I-60
Е	1	120/60/1 15 AMP UNINTERUPTED						311 3 11 7 7 1 00
		TO ANSUL SYSTEM BY E.C.						CADDY NO. 06608-13 ITEM NO. 320
			-					JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (INSTRUCT. #3) LOC: CINCINNATI, OHIO CUST: CUST#:
			DATE DR BY	06/23/		SCALE AS NOTED APP'D BY	DW	G# D-1-06608 SHT 14 OF 39



188C

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

FLUORESCENT

LIGHT FIXTURE

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

B AND COVER

(1060-05)

(1063-01)

MC CABLE

A L1

VENT LIGHT

SWITCH

2 WIRES IN 1/2" EMT —

ELECTRICAL NOTES:

1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

GENERAL NOTES

EXHAUST AIR REQUIREMENTS:

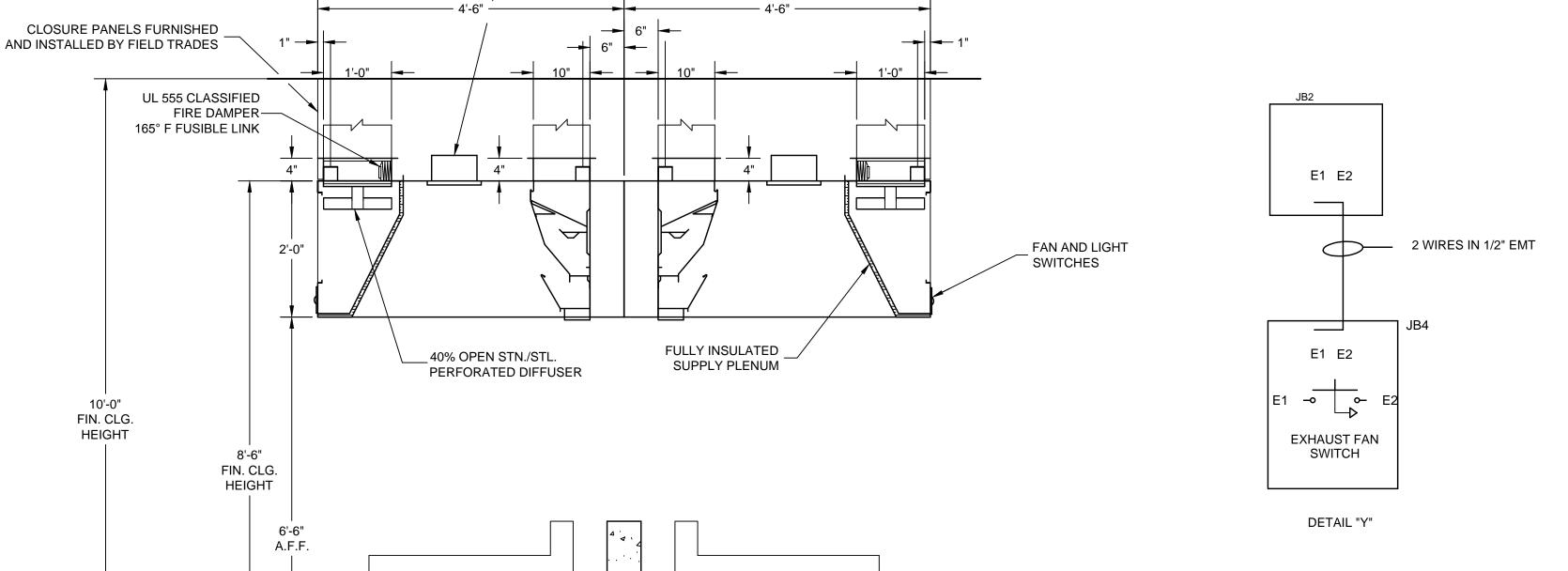
- 1. EXHAUST C.F.M. BASED ON VARIOUS C.F.M. PER LINEAR FOOT. 2. EXHAUST STATIC PRESSURE IS 1.60" W.G. AT DUCT TAKE-
- OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
- 3. DUCT SIZE BASED ON 1800 F.P.M..
- **EXHAUST FAN REQUIREMENTS:**
- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

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- 2. MOUNTING RODS FURNISHED AND INSTALLED BY K.E.C.
- CONSTRUCTION: 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE
- WITH CADDY SPECIFICATIONS. 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.
- FIRE PROTECTION: 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.
- 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
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ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY K.E.C.



EQUIPMENT

UNDER HOODS

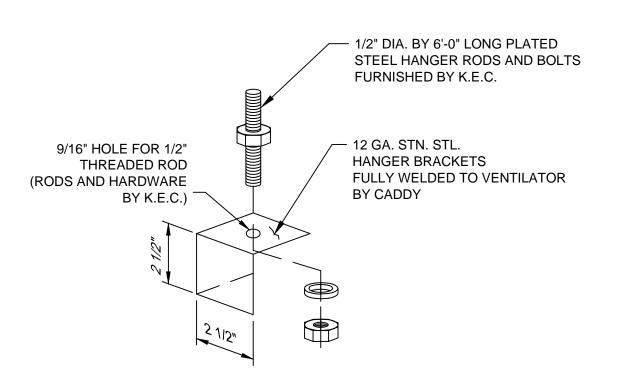
BY K.E.C.

(12) COMPONENT HARDWARE

RECESSED FLUORESCENT

(36") PN #: NSF-8230-OCT

LIGHT FIXTURES



FLUORESCENT

LIGHT FIXTURE

DETAIL "X"

HANGER BRACKET DETAIL

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS

ACKNOWLEDGED ON OUR STANDARD FORM.

ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

EQUIPMENT

UNDER HOODS

BY K.E.C.

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 8'-6" LONG x 5'-0" WIDE x 28 1/2" HIGH MAXIMUM ANSUL ENCLOSURE DIMENSIONS 9'-0" LONG x 1'-0" WIDE x 26 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 4,340 LBS. VENTILATOR TO BE SHIPPED IN (7) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

SECTION Z-Z

SCALE: 3/4"=1'-0"

						REVISIONS		CADDY Air Systems				
	ROUGH-IN SCHEDULE			7-29-03	BY DRA	REMARKS NO CHANGES TO THIS SHEET		509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511				
SYM	QTY	QTY DESCRIPTION				ADDED ENCLOSURE PANELS, REVISED HO UPDATED SH-C-PA-I DESIGN FABRICATED PER APPROVED DRAWINGS	OOD TO	EQUIPMENT SCHEDULE				
D	2	120V, 60HZ, 1PH, 0.48 K.W. CONNECTED LOAD (EACH)						SH-C-PA-I-54				
Е	1	120V, 60HZ, 1PH, 15 A. SERVICE TO ANSUL										
		SYSTEM BY E.C. (UNINTERRUPTED)						CADDY NO. 06608-14 ITEM NO. 320A				
			-					JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (INSTRUCT. #3) LOC: CINCINNATI, OH CUST: CUST#:	4489C			
			DATE	DATE 06/23/03		O3 SCALE AS NOTED		MC#D 1 06600 SHT 16				
			DR BY			APP'D BY	D^{VV}	OWG# D-1-06608				

DRA

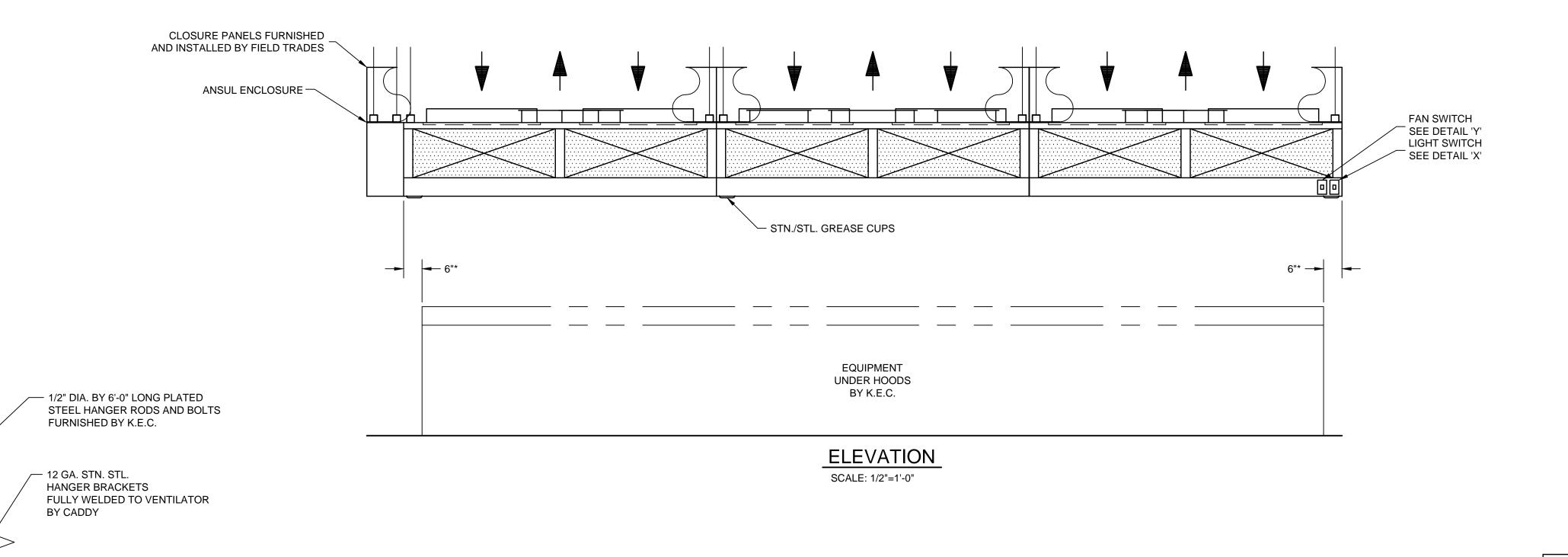


ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

HINGED ACCESS DOORS TO EXHAUST FAN STARTER BY E.C. — (16) HANGER BRACKETS ANSUL SEE DETAIL ENCLOSURE Z (TYP.) - LIGHT SWITCH - 5'-1 3/16" — FAN SWITCH - 15'-3 5/8" -20'-4 13/16" PLAN SCALE: 1/2"=1'-0"



ELECTRICAL NOTES:

1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

> TOTAL EXHAUST: 9,520 C.F.M. TOTAL SUPPLY: 7,620 C.F.M

↑ 10" X 25" EXHAUST DUCTS ノ 3,060 C.F.M. EACH @ 1.60" S.P.

10" X 27" EXHAUST DUCT ²) 3,400 C.F.M. @ 1.60" S.P.

12" X 19" SUPPLY DUCTS) 1.905 C.F.M. EACH @ 0.20" S.P

THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

NATIONAL FIRE PROTECTION ASSOCIATION In accordance with Recommendation of National Fire Protection Association's NFPA No. 96 "Vapor Removal from Cooking Equipment"

NATIONAL SANITATION FOUNDATION Standard #2 - "Food Service Equipment"

UNDERWRITERS LABORATORIES, INC Tested under standard U.L. 710 "Exhaust Hoods for Commercial Cooking Equipment". U.L. listed under file number MH8215 and MH12264

UNIFORM MECHANICAL CODE Section 507 - Commercial Kitchen Hoods and

Kitchen Ventilation Systems THE BOCA NATIONAL MECHANICAL CODE

Chapter 5 - Kitchen Exhaust Equipment STANDARD MECHANICAL CODE (SBCCI) Section 504 - Commercial Hoods UNIFORM BUILDING CODE (ICBO)

INTERNATIONAL MECHANICAL CODE (IMC)



REVISIONS

APP'D BY

REV DATE RV

06/23/03





HANGER BRACKET DETAIL

9/16" HOLE FOR 1/2"

(RODS AND HARDWARE

ACKNOWLEDGED ON OUR STANDARD FORM.

THREADED ROD

BY K.E.C.)

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET

CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 9'-6" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 2,270 LBS. VENTILATOR TO BE SHIPPED IN (3) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

			KEV	REV DATE E		REIVIARNS		509 SHARPTOWN ROAD			
	ROUGH-IN SCHEDULE		А	7-29-03	DRA	NO CHANGES TO THIS SHEET		P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511			
SYM	SYM QTY DESCRIPTION		В	9-17-03 12-10-03	AGR BJW	ADDED ENCLOSURE PANELS, REVISED HOOD TO UPDATED SH-C-PA-I DESIGN FABRICATED PER APPROVED DRAWINGS	EQ	JIPMENT SCHEDULE			
D	1	120V, 60HZ, 1PH, 0.48 K.W. CONNECTED LOAD						SH-C-PA-I-60			
E	1	120V, 60HZ, 1PH, 15 AMP SERVICE TO ANSUL					311-C-1 A-1-00				
		SYSTEM BY E.C. (UNINTERRUPTED)					CADDY N	O. 06608-15 ITEM NO. 345			
							CON	CINNATI STATE TECHNICAL AND MMUNITY COLLEGE (INSTRUCT. # CINNATI, OHIO			

CADDY Air Systems

509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511

CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (INSTRUCT. #3) LOC: CINCINNATI, OHIO CUST: CUST#:

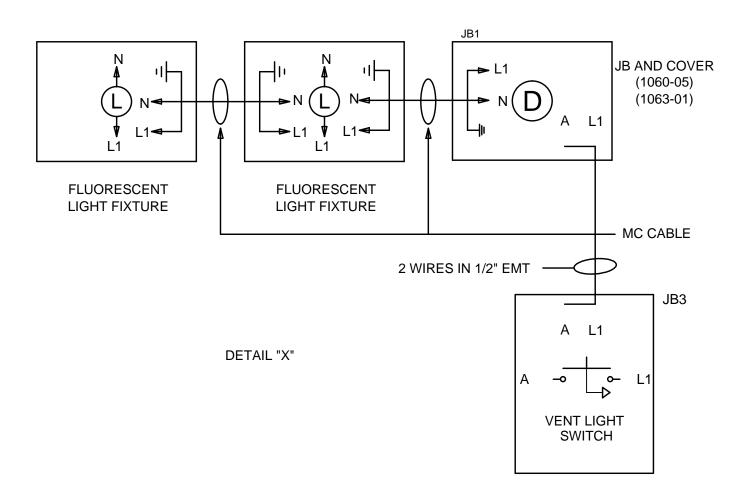
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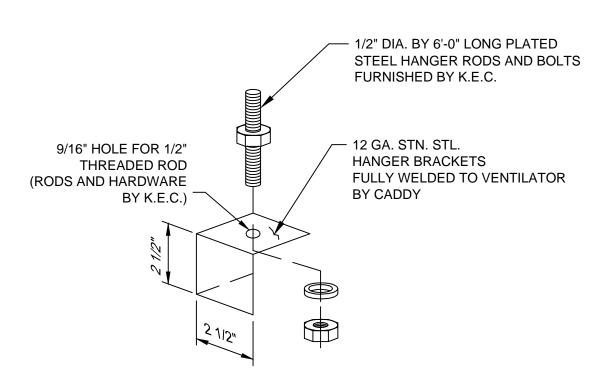
SHT 17 OF 39

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F. BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD





HANGER BRACKET DETAIL

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS

ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

ELECTRICAL NOTES:

1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

(12) COMPONENT HARDWARE RECESSED FLUORESCENT LIGHT FIXTURES (48") PN #: NSF-8240-OCT 18 GA. STN./STL. CLOSURE PANELS BY C.A.C. UL 555 CLASSIFIED FIRE DAMPER 165° F FUSIBLE LINK 40% OPEN STN. STL. PEREORATED FAN AND LIGHT 2 WIRES IN 1/2" EMT SWITCHES E1 E2 FAN AND LIGHT **FULLY INSULATED** SUPPLY PLENUM SWITCHES **EXHAUST FAN** SWITCH DETAIL "Y" **EQUIPMENT EQUIPMENT** UNDER HOODS UNDER HOODS BY K.E.C. BY K.E.C. SECTION Z-Z

SCALE: 3/4"=1'-0"

GENERAL NOTES

EXHAUST AIR REQUIREMENTS:

- 1. EXHAUST C.F.M. BASED ON VARIOUS C.F.M. PER LINEAR FOOT.
- 2. EXHAUST STATIC PRESSURE IS 1.60" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
- 3. DUCT SIZE BASED ON 1800 F.P.M..
- **EXHAUST FAN REQUIREMENTS:**
- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL. AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

MAKE-UP AIR REQUIREMENTS:

- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES.
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.

INSTALLATION:

- 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL CODES.
- CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.).
- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS. IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY K.E.C. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE
- WITH CADDY SPECIFICATIONS. 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION:

- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.
- 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY K.E.C.







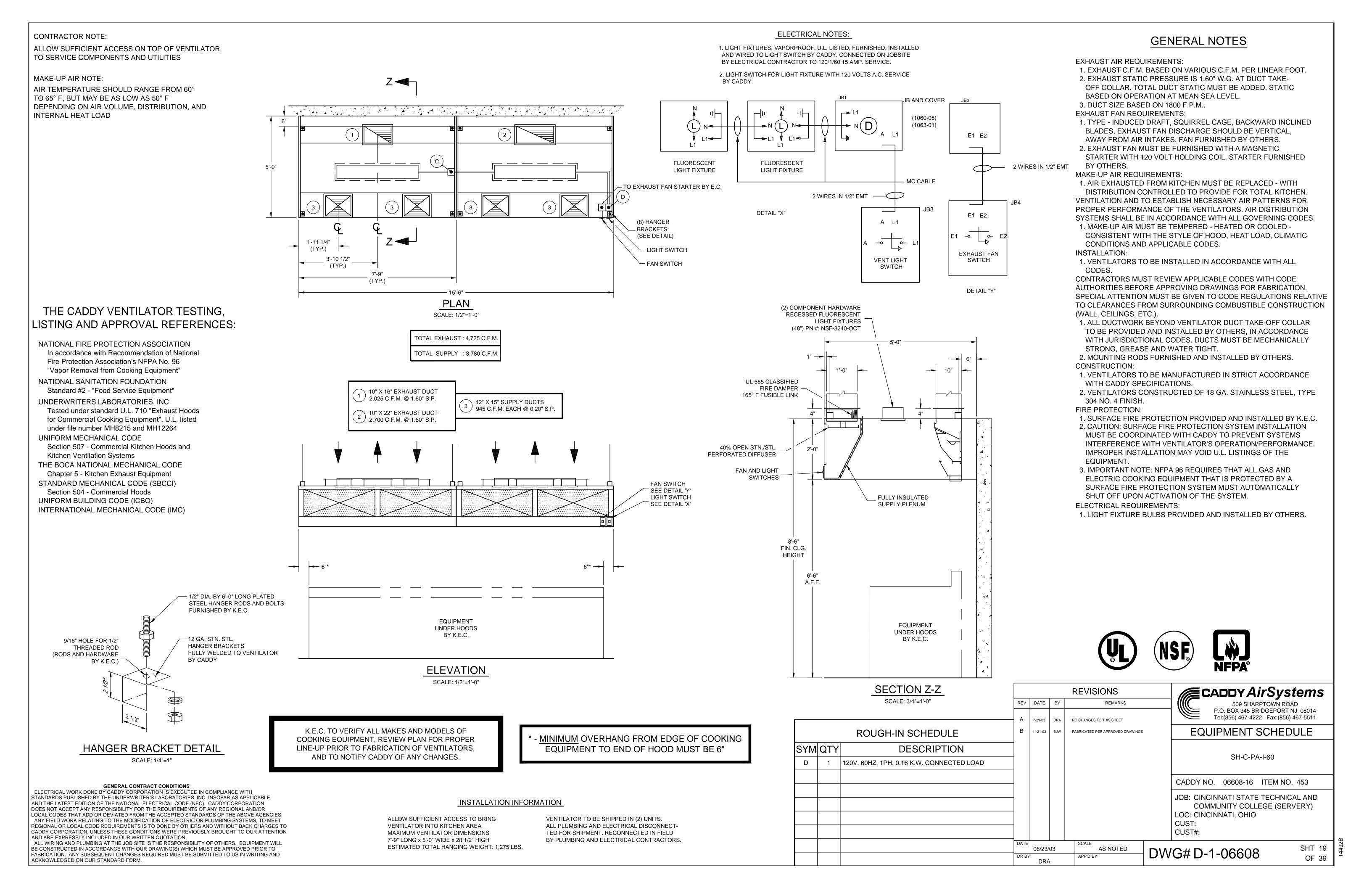
K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 9'-6" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 2,270 LBS.

VENTILATOR TO BE SHIPPED IN (3) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

				REVISIONS				CADDY Air Systems			
	ROUGH-IN SCHEDULE		REV		BY	REMARKS		509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511			
			— A В	7-29-03 9-17-03	DRA	NO CHANGES TO THIS SHEET ADDED ENCLOSURE PANELS, REVISED HOO	OOD TO	EQUIPMENT SCHEDULE			
SYM	QTY	DESCRIPTION	c	12-10-03	BJW	UPDATED SH-C-PA-I DESIGN FABRICATED PER APPROVED DRAWINGS		EQUIPMENT SCHEDULE			
D								SH-C-PA-I-60			
Е								3 .1 3 1 7 1 1 3 5			
								CADDY NO. 06608-15 ITEM NO. 345			
							JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (INSTRUCT. #3) LOC: CINCINNATI, OH CUST: CUST#:				
			DATE	06/23/	/03	SCALE AS NOTED	D\/\/	G# D-1-06608 SHT 18			
			DR B	BY DD/	^	APP'D BY		$O_{\pi} D^{-1} = 000000$ OF 39			





ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F. BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

THE CADDY VENTILATOR TESTING,

LISTING AND APPROVAL REFERENCES:

NATIONAL FIRE PROTECTION ASSOCIATION

Fire Protection Association's NFPA No. 96

"Vapor Removal from Cooking Equipment"

NATIONAL SANITATION FOUNDATION

UNDERWRITERS LABORATORIES, INC

UNIFORM MECHANICAL CODE

Kitchen Ventilation Systems

Standard #2 - "Food Service Equipment"

under file number MH8215 and MH12264

THE BOCA NATIONAL MECHANICAL CODE

Chapter 5 - Kitchen Exhaust Equipment

STANDARD MECHANICAL CODE (SBCCI)

INTERNATIONAL MECHANICAL CODE (IMC)

Section 504 - Commercial Hoods

UNIFORM BUILDING CODE (ICBO)

9/16" HOLE FOR 1/2"

(RODS AND HARDWARE

ACKNOWLEDGED ON OUR STANDARD FORM.

THREADED ROD

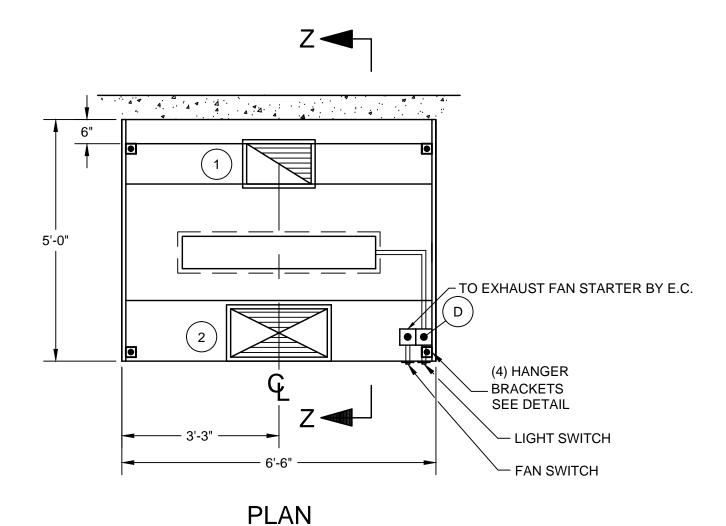
BY K.E.C.)

In accordance with Recommendation of National

Tested under standard U.L. 710 "Exhaust Hoods

for Commercial Cooking Equipment". U.L. listed

Section 507 - Commercial Kitchen Hoods and



ELECTRICAL NOTES: JB AND COVER (1060-05)1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED (1063-01)

- MC CABLE

2 WIRES IN 1/2" EMT —

A L1

VENT LIGHT

SWITCH

BY CADDY.

AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE

EXHAUST FAN REQUIREMENTS: 1. TYPE - INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.

BASED ON OPERATION AT MEAN SEA LEVEL.

1. EXHAUST C.F.M. BASED ON 300 C.F.M. PER LINEAR FOOT.

2. EXHAUST STATIC PRESSURE IS 1.60" W.G. AT DUCT TAKE-

OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC

2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

GENERAL NOTES

MAKE-UP AIR REQUIREMENTS:

EXHAUST AIR REQUIREMENTS:

3. DUCT SIZE BASED ON 1800 F.P.M..

1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED - WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES.

1. MAKE-UP AIR MUST BE TEMPERED - HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.

INSTALLATION:

2 WIRES IN 1/2" EMT

1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL CODES

CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.)

- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS. IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION:

- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.
- 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.



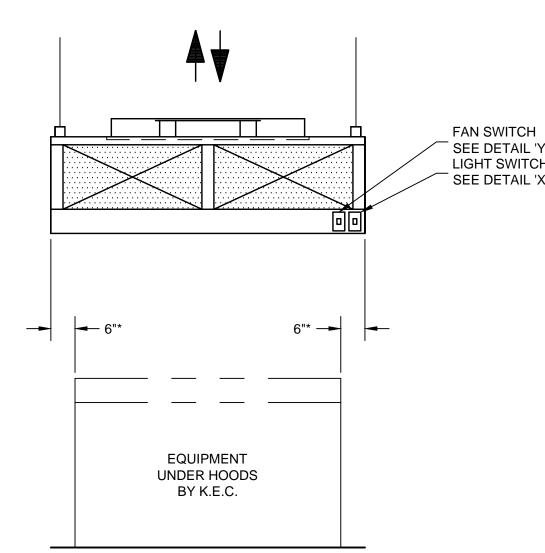
SCALE: 1/2"=1'-0"

TOTAL EXHAUST : 1,950 C.F.M

TOTAL SUPPLY: 1,560 C.F.M

↑ 10" X 16" EXHAUST DUCT 1,950 C.F.M. @ 1.60" S.P.

12" X 24" SUPPLY DUCT ² 1,560 C.F.M. @ 0.20" S.P.



ELEVATION

K.E.C. TO VERIFY ALL MAKES AND MODELS OF

COOKING EQUIPMENT, REVIEW PLAN FOR PROPER

LINE-UP PRIOR TO FABRICATION OF VENTILATORS,

AND TO NOTIFY CADDY OF ANY CHANGES.

SCALE: 1/2"=1'-0"

SEE DETAIL 'Y' LIGHT SWITCH SEE DETAIL 'X'

SECTION Z-Z SCALE: 3/4"=1'-0"

- MINIMUM OVERHANG FROM EDGE OF COOKING

EQUIPMENT TO END OF HOOD MUST BE 6"

HEIGHT

A.F.F.

FLUORESCENT

LIGHT FIXTURE

DETAIL "X"





HANGER BRACKET DETAIL SCALE: 1/4"=1"

1/2" DIA. BY 6'-0" LONG PLATED STEEL HANGER RODS AND BOLTS

FULLY WELDED TO VENTILATOR

FURNISHED BY K.E.C.

- 12 GA. STN. STL.

HANGER BRACKETS

GENERAL CONTRACT CONDITIONS ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL

BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO

FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

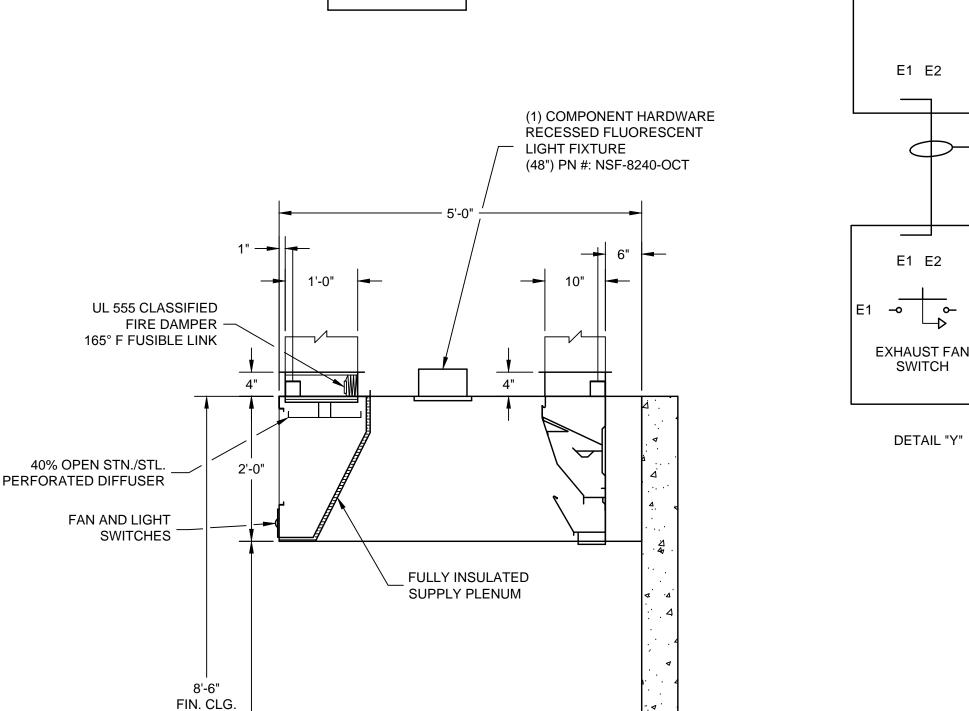
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INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 6'-6" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 550 LBS. VENTILATOR TO BE SHIPPED IN (1) UNIT. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

P.O. BOX 345 BRIDGEPORT NJ 08014 **ROUGH-IN SCHEDULE** Tel:(856) 467-4222 Fax:(856) 467-5511 **EQUIPMENT SCHEDULE** FABRICATED PER APPROVED DRAWINGS SYM QTY **DESCRIPTION** D 120V, 60HZ, 1PH, 0.08 K.W. CONNECTED LOAD SH-C-PA-I-60 CADDY NO. 06608-17 ITEM NO. 478 JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (SERVERY) LOC: CINCINNATI, OHIO CUST: CUST#: SHT 20 AS NOTED 06/23/03 DWG# D-1-06608

REV DATE BY



EQUIPMENT

UNDER HOODS BY K.E.C.



REVISIONS





OF 39

CADDY Air Systems 509 SHARPTOWN ROAD

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

ELECTRICAL NOTES:

1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO J-BOX (D) BY CADDY. DISCONNECTED FOR SHIPPING AT J-BOX (C). RECONNECTED ON JOBSITE BY ELEC-TRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

> TOTAL EXHAUST: 8,500 C.F.M TOTAL SUPPLY: 6,810 C.F.M

10" X 20" EXHAUST DUCTS ¹) 2,500 C.F.M. EACH @ 1.60" S.P.

HINGED ACCESS

DOORS

(16) HANGER **BRACKETS**

SEE DETAIL

ENCLOSURE

ANSUL

12" X 19" SUPPLY DUCTS $(^3$) 1,135 C.F.M. EACH @ 0.20" S.P.

10" X 28" EXHAUST DUCT ²) 3,500 C.F.M. @ 1.60" S.P.

CLOSURE PANELS FURNISHED AND INSTALLED BY FIELD TRADES — ANSUL ENCLOSURE **FAN SWITCH** SEE DETAIL 'Y' LIGHT SWITCH SEE DETAIL 'X' STN./STL. GREASE CUPS 6"* — **EQUIPMENT** UNDER HOODS BY K.E.C.

PLAN SCALE: 1/2"=1'-0"

THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

NATIONAL FIRE PROTECTION ASSOCIATION In accordance with Recommendation of National Fire Protection Association's NFPA No. 96 "Vapor Removal from Cooking Equipment"

NATIONAL SANITATION FOUNDATION Standard #2 - "Food Service Equipment"

UNDERWRITERS LABORATORIES, INC Tested under standard U.L. 710 "Exhaust Hoods for Commercial Cooking Equipment". U.L. listed under file number MH8215 and MH12264

UNIFORM MECHANICAL CODE Section 507 - Commercial Kitchen Hoods and

Kitchen Ventilation Systems THE BOCA NATIONAL MECHANICAL CODE Chapter 5 - Kitchen Exhaust Equipment STANDARD MECHANICAL CODE (SBCCI)

Section 504 - Commercial Hoods UNIFORM BUILDING CODE (ICBO) INTERNATIONAL MECHANICAL CODE (IMC)



AS NOTED

06/23/03

REVISIONS



HANGER BRACKET DETAIL

9/16" HOLE FOR 1/2"

(RODS AND HARDWARE

ACKNOWLEDGED ON OUR STANDARD FORM.

THREADED ROD

BY K.E.C.)

SCALE: 1/4"=1"

- 1/2" DIA. BY 6'-0" LONG PLATED STEEL HANGER RODS AND BOLTS

FULLY WELDED TO VENTILATOR

FURNISHED BY K.E.C.

HANGER BRACKETS

— 12 GA. STN. STL.

TO EXHAUST FAN STARTER BY E.C.

LIGHT SWITCH -

FAN SWITCH —

GENERAL CONTRACT CONDITIONS
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL

BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO

FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

2'-5 1/2"

(TYP.)

4'-11"

TYP)

TYP)

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

ELEVATION

SCALE: 1/2"=1'-0"

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 10'-10" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 2,510 LBS. VENTILATOR TO BE SHIPPED IN (3) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

			REV	DATE	BY	REMARKS	(((
		ROUGH-IN SCHEDULE	Α	8-14-03	RCM	REVISED PER RETURNED PRINT RECEIVED 8-13-03	\ <u>\</u>
SYM	QTY	DESCRIPTION	В	11-21-03	BJW	ANSUL R-102 PRE-PIPING REMOVED FABRICATED PER APPROVED DRAWINGS	
D	1	120V, 60HZ, 1PH, 0.48 K.W. CONNECTED LOAD					
	1		1	ļ	1		

Z

44



SH-C-PA-I-60

CADDY NO. 06608-1 ITEM NO. 565

JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (PROD. KITCHEN) LOC: CINCINNATI, OHIO CUST:

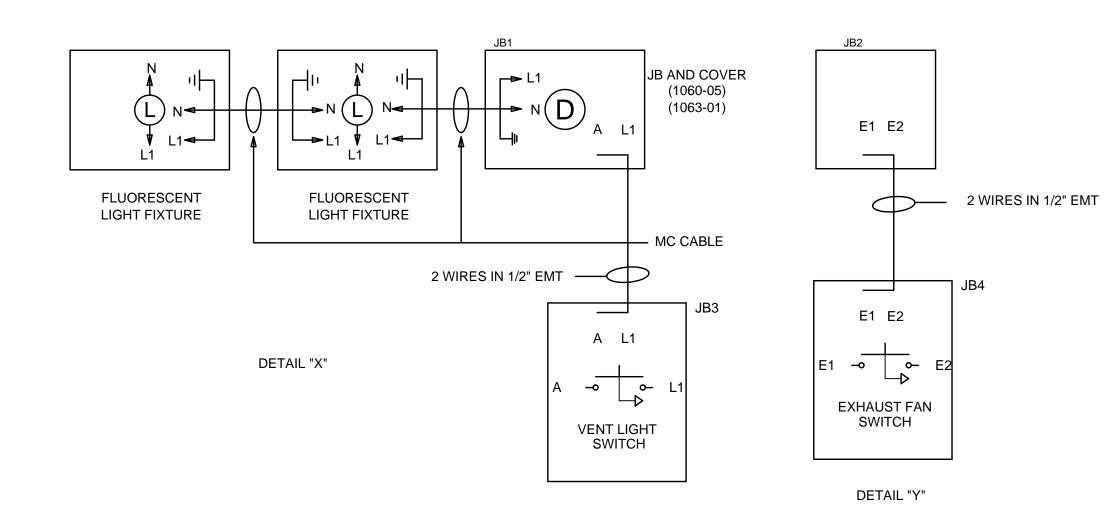
CUST#:

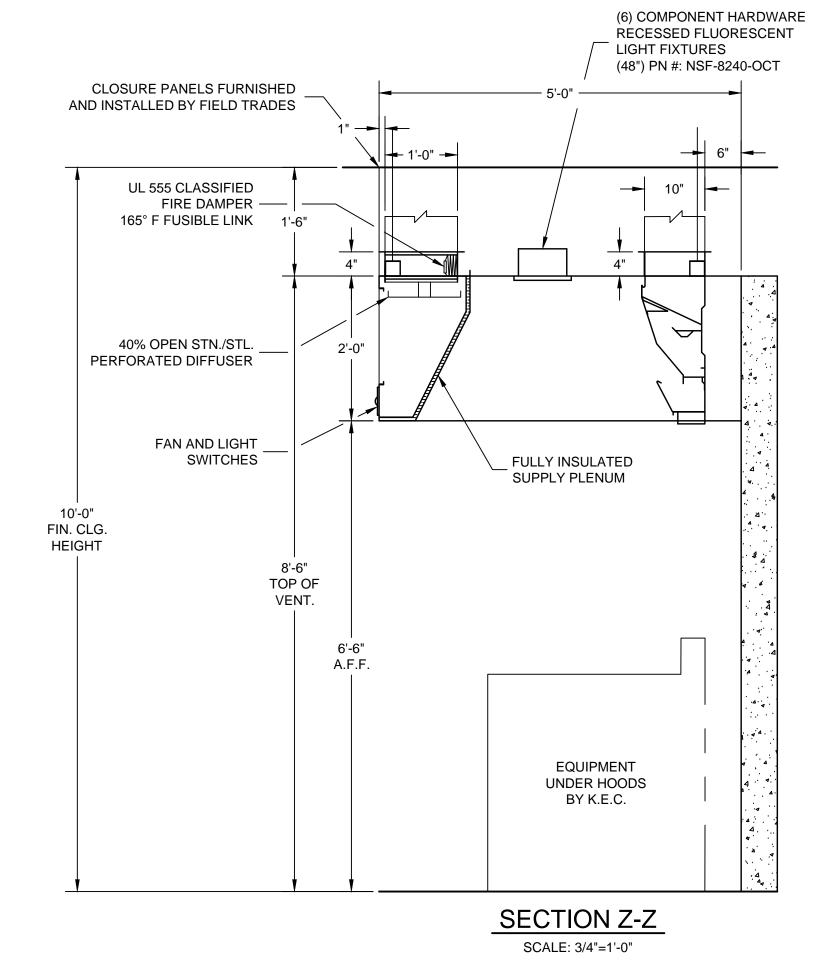
SHT 21 DWG# D-1-06608 OF 39

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD





K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

9/16" HOLE FOR 1/2"

(RODS AND HARDWARE

ACKNOWLEDGED ON OUR STANDARD FORM.

THREADED ROD

BY K.E.C.)

<u>GENERAL CONTRACT CONDITIONS</u>
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE. AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

HANGER BRACKET DETAIL

SCALE: 1/4"=1"

1/2" DIA. BY 6'-0" LONG PLATED

FULLY WELDED TO VENTILATOR

FURNISHED BY K.E.C.

- 12 GA. STN. STL.

BY CADDY

HANGER BRACKETS

STEEL HANGER RODS AND BOLTS

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 9'-10" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 2,510 LBS. VENTILATOR TO BE SHIPPED IN (3) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

ELECTRICAL NOTES:

- 1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO J-BOX (D) BY CADDY. DISCONNECTED FOR SHIPPING AT J-BOX (C). RECONNECTED ON JOBSITE BY ELEC-TRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.
- 2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

GENERAL NOTES

EXHAUST AIR REQUIREMENTS:

- 1. EXHAUST C.F.M. BASED ON VARIOUS C.F.M. PER LINEAR FOOT. 2. EXHAUST STATIC PRESSURE IS 1.60" W.G. AT DUCT TAKE-
- OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
- 3. DUCT SIZE BASED ON 1800 F.P.M..

EXHAUST FAN REQUIREMENTS:

- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

MAKE-UP AIR REQUIREMENTS:

- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES. INSTALLATION:
- 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL
- CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.).
- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS, IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION:

- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C. 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

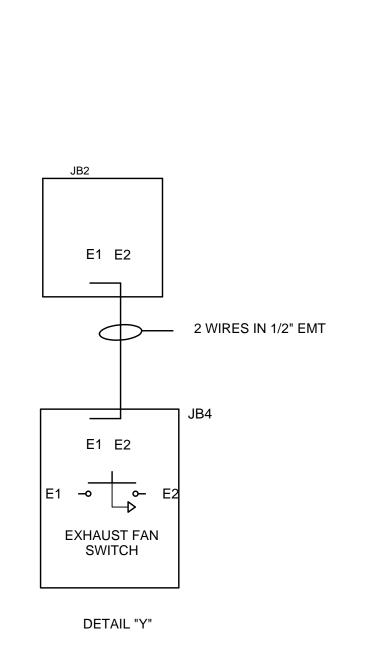
1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.

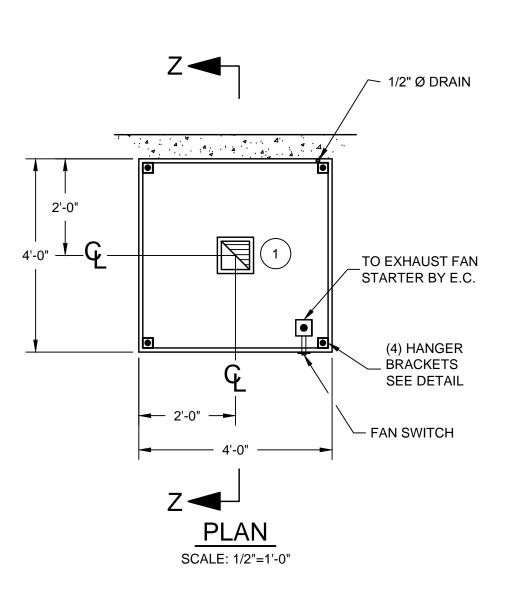






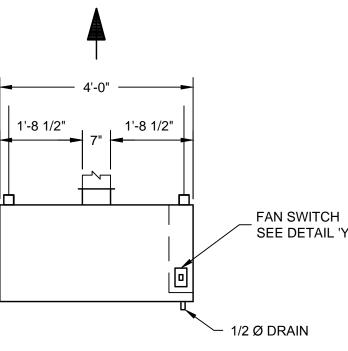
			REVISIONS					CADDY Air Systems		
			REV	DATE	BY	REMARKS		509 SHARPTOWN ROAD		
		ROUGH-IN SCHEDULE	А	8-14-03	RCM	REVISED PER RETURNED PRINT RECEIVE	ED 8-13-03	P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511		
SYM	QTY	DESCRIPTION	В	11-21-03	BJW	ANSUL R-102 PRE-PIPING REMOVED FABRICATED PER APPROVED DRAWINGS	;	EQUIPMENT SCHEDULE		
D	1	120V, 60HZ, 1PH, 0.48 K.W. CONNECTED LOAD			SH-C-PA-I-60					
							_	CADDY NO. 06608-1 ITEM NO. 565		
							1	JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (PROD. KITCHEN LOC: CINCINNATI, OHIO CUST: CUST#:		
			DATE DR B	06/23/03		SCALE AS NOTED APP'D BY	DW	G# D-1-06608 SHT 22 OF 39		

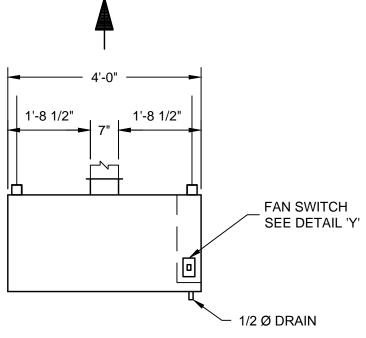




TOTAL EXHAUST: 600 C.F.M.

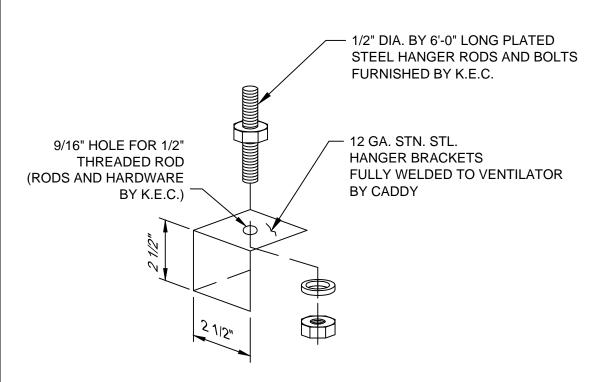
7" X 7" EXHAUST DUCT 600 C.F.M. @ 0.25" S.P.





ELEVATION

SCALE : 1/2"=1'-0"



HANGER BRACKET DETAIL

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS

ELECTRICAL WORK DONE BY CADDY CORPORATION OF AMERICA IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES,INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE(NEC). CADDY CORPORATION OF AMERICA DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATE FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES.

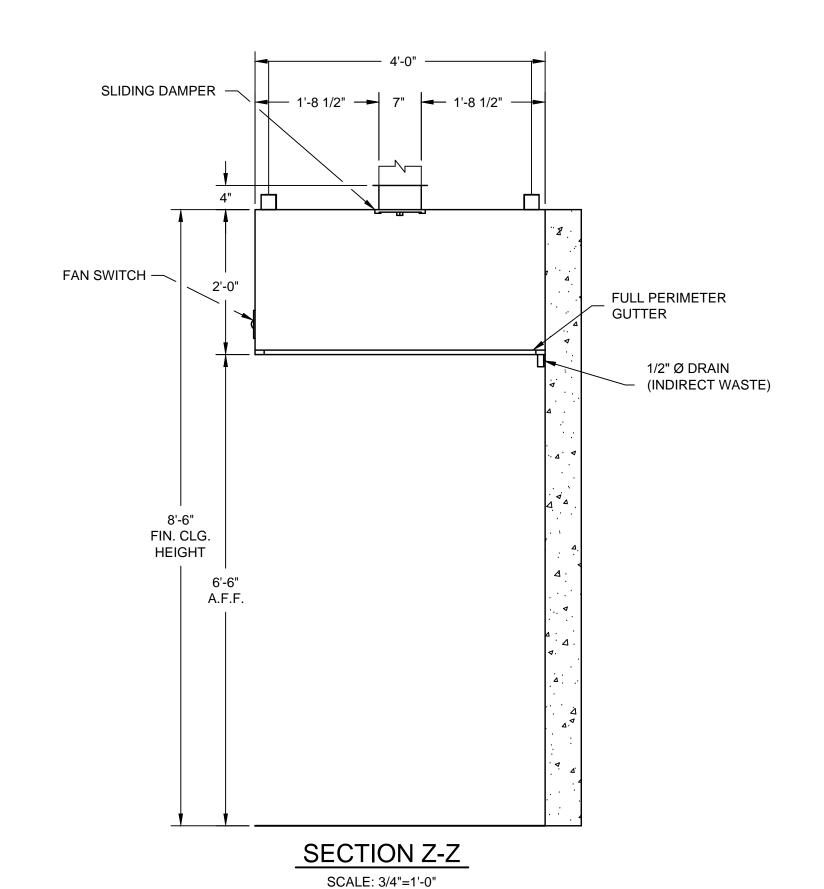
ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO BE DONE BY OTHERS AND WITHOUT BACK CHARGE TO CADDY CORPORATION OF AMERICA, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 4'-0" LONG x 4'-0" WIDE x 28" HIGH ESTIMATED HANGING WEIGHT: 200 LBS.

VENTILATOR TO BE SHIPPED IN (1) UNIT. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.



THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

NATIONAL SANITATION FOUNDATION Standard #2 - "Food Service Equipment"



NOTES				REVISIONS		CADDY Air Systems
	REV	DATE	BY	REMARKS		509 SHARPTOWN ROAD
1. AIR SYSTEMS SHALL NOT BE LIABLE FOR IMPROPER FUNCTION DUE TO CHANGE IN STATIC PRESSURE OR AIR VOLUMES SPECIFIED.	А	7-29-03	DRA	NO CHANGES TO THIS SHEET		P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511
2. ALL DIMENSIONS TO BE VERIFIED IN FIELD BY OTHERS BEFORE VENTILATORS ARE RELEASED FOR MANUFACTURE.	В	12-2-03	BJW	FABRICATED PER APPROVED DRAWINGS		EQUIPMENT SCHEDULE
 3. INDICATE ALL BEAMS, COLUMNS, ETC. WHICH MAY CONFLICT WITH VENTILATOR OR EXHAUST OUTLET COLLAR(S) (INDICATE SIZE, LOCATION, AND HEIGHT ABOVE FINISHED FLOOR.) 4. INSTALLING CONTRACTOR SHALL CHECK ALL BUILDING ACCESS, ENTRANCE AND FIELD CONDITIONS TO ENSURE SUFFICIENT CLEARANCE TO ALLOW VENTILATOR SECTION(S) 						CH-W-48
(SIZE(S) AS DIMENSIONED ON THIS DRAWING) TO BE BROUGHT INTO BUILDING AND INSTALLED ACCORDING TO AIR SYSTEMS RECOMMENDATIONS.					(CADDY NO. 06608-20 ITEM NO. 627
 5. ALL EXHAUST DUCT COLLARS ARE INSIDE DIMENSIONS. CONNECTION DUCTWORK SHALL SLEEVE INTO VENTILATOR OUTLET(S). 6. ALL DUCTWORK BEYOND THE VENTILATOR OR EXHAUST DUCT COLLAR(S) TO BE PROVIDED AND INSTALLED BY OTHERS IN ACCORDANCE WITH JURISDICTIONAL CODES, AND MUST BE MECHANICALLY STRONG, AND GREASE AND WATER TIGHT. 7. VENTILATOR(S) SHALL BE N.S.F. APPROVED AND SHALL BEAR N.S.F. LABELS VISIBLY AFFIXED TO EXTERIOR. 					L	OB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (PASTRY KIT. #2) OC: CINCINNATI, OH CUST: CUST#:
	DATE DR B	DATE 06/23/03		SCALE AS NOTED APP'D BY)W(S# D-1-06608 SHT 23
	DK B	DR/	4	AFF D DT	<i>-</i>	OF 39

DRA

NOTE:

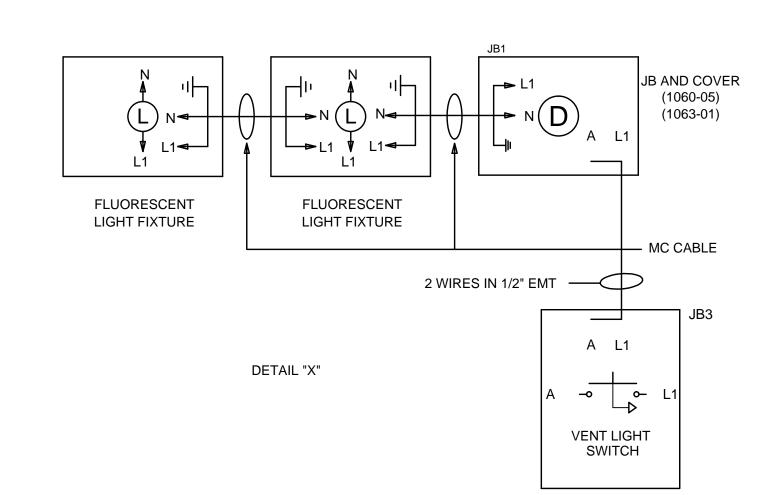
K.E.C. MUST VERIFY THE EXACT DIMENSION OF THE COOKING EQUIPMENT FROM EITHER THE WALL OR FROM THE FRONT OF THE HOOD, SO CADDY MAY PROPERLY LOCATE THE FIRE PROTECTION NOZZLES AT TIME-OF-FABRICATION IN THE FACTORY. IF EQUIPMENT IS NOT LOCATED AS SHOWN AND THE DRAWING IS APPROVED FOR FABRICATION, THEN NOZZLES MUST BE RELOCATED AT THE EXPENSE OF OTHERS.

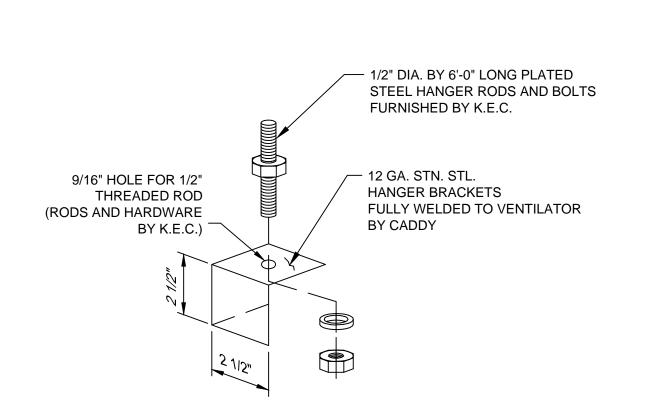
CONTRACTOR NOTE:

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD





HANGER BRACKET DETAIL

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH

AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ACKNOWLEDGED ON OUR STANDARD FORM.

STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE,

LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES.

ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET

ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL

BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO

FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO

CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION

AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION

DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 6'-10" LONG x 10'-0" WIDE x 28 1/2" HIGH

ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

ELECTRICAL NOTES:

- 1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.
- 2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

TOTAL EXHAUST: 3,000 C.F.M

16" X 16" EXHAUST DUCT ¹) 3,000 C.F.M. @ 1.00" S.P.



Standard #2 - "Food Service Equipment" UNDERWRITERS LABORATORIES, INC Tested under standard U.L. 710 "Exhaust Hoods for Commercial Cooking Equipment". U.L. listed under file number MH8215 and MH12264

Section 507 - Commercial Kitchen Hoods and Kitchen Ventilation Systems THE BOCA NATIONAL MECHANICAL CODE Chapter 5 - Kitchen Exhaust Equipment STANDARD MECHANICAL CODE (SBCCI) Section 504 - Commercial Hoods UNIFORM BUILDING CODE (ICBO)

INTERNATIONAL MECHANICAL CODE (IMC)

UNIFORM MECHANICAL CODE

E1 E2 2 WIRES IN 1/2" EMT E1 E2 **EXHAUST FAN** SWITCH DETAIL "Y"



AS NOTED

APP'D BY





REVISIONS REV DATE BY REMARKS **ROUGH-IN SCHEDULE** NO CHANGES TO THIS SHEET DESCRIPTION

06/23/03

CADDY Air Systems 509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511

EQUIPMENT SCHEDULE

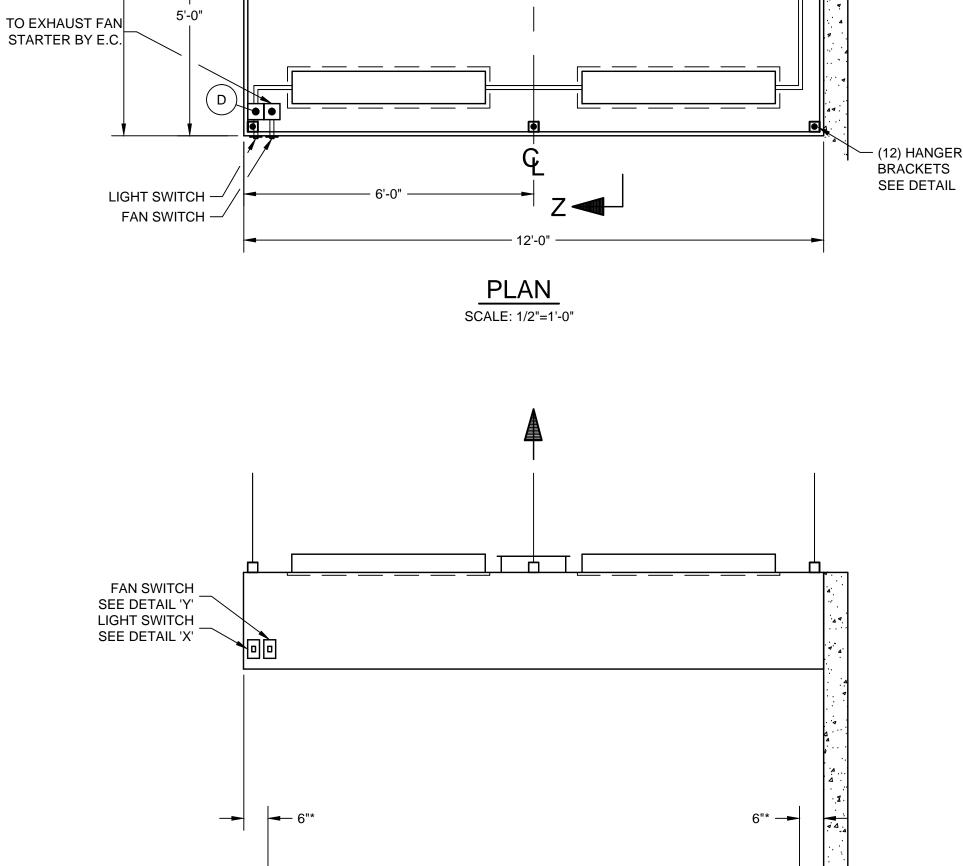
PB-I-120

ITEM NO. 637 CADDY NO. 06608

JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (PASTRY KIT. #2) LOC: CINCINNATI, OH CUST:

CUST#:

SHT 24 DWG# D-1-06608 OF 39



Z

3'-2"

BROKEN

FOR SHIPPMENT

10'-0"

ELEVATION SCALE: 1/2"=1'-0"

SYM QTY

D

120V, 1Ø, 60Hz, 0.32 K.W. CONNECTED LOAD

EQUIPMENT UNDER HOODS BY K.E.C.

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

INSTALLATION INFORMATION

ESTIMATED TOTAL HANGING WEIGHT: 1,500 LBS.

VENTILATOR TO BE SHIPPED IN (2) UNITS.

NOTE:

K.E.C. MUST VERIFY THE EXACT DIMENSION OF THE COOKING EQUIPMENT FROM EITHER THE WALL OR FROM THE FRONT OF THE HOOD, SO CADDY MAY PROPERLY LOCATE THE FIRE PROTECTION NOZZLES AT TIME-OF-FABRICATION IN THE FACTORY. IF EQUIPMENT IS NOT LOCATED AS SHOWN AND THE DRAWING IS APPROVED FOR FABRICATION, THEN NOZZLES MUST BE RELOCATED AT THE EXPENSE OF OTHERS.

CONTRACTOR NOTE:

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F. BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

ELECTRICAL NOTES:

1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

GENERAL NOTES

EXHAUST AIR REQUIREMENTS:

- 1. EXHAUST C.F.M. BASED ON 250 C.F.M. PER LINEAR FOOT.
- 2. EXHAUST STATIC PRESSURE IS 1.00" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
- 3. DUCT SIZE BASED ON 1800 F.P.M..

EXHAUST FAN REQUIREMENTS:

- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

MAKE-UP AIR REQUIREMENTS:

- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.

SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES.

INSTALLATION:

- 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL CODES.
- CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.)
- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS, IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION:

- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.
- 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.



REVISIONS





CADDY Air Systems

- 12 GA. STN. STL. 9/16" HOLE FOR 1/2" HANGER BRACKETS THREADED ROD FULLY WELDED TO VENTILATOR (RODS AND HARDWARE BY CADDY BY K.E.C.)

1/2" DIA. BY 6'-0" LONG PLATED

FURNISHED BY K.E.C.

STEEL HANGER RODS AND BOLTS

HANGER BRACKET DETAIL

SCALE: 1/4"=1"

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

FAN AND LIGHT **SWITCHES**

2'-0"

10'-0"

FIN. CLG.

HEIGHT

A.F.F.

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

REMOVABLE

GREASE CUP

EQUIPMENT

UNDER HOODS

BY K.E.C.

SECTION Z-Z

SCALE: 3/4"=1'-0"

STN./STL.

(8) COMPONENT HARDWARE

(4) 20"H X 20"W FILTERS

(4) 20"H X 16"W FILTERS

MODEL #F50-2020

MODEL #F50-2016

UL CLASSIFIED

UL CLASSIFIED

BAFFLE TYPE GREASE FILTERS

(4) COMPONENT HARDWARE

RECESSED FLUORESCENT

(48") PN #: NSF-8240-RS-2

LIGHT FIXTURES

3'-2"

BROKEN

FOR SHIPPMENT

FILTER TYPE STN. STL.

GREASE EXTRACTOR

GENERAL CONTRACT CONDITIONS ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 6'-10" LONG x 10'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 1,500 LBS.

VENTILATOR TO BE SHIPPED IN (2) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

		ROUGH-IN SCHEDULE	REV	DATE	BY	REMARKS		509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511				
SYM	QTY	DESCRIPTION	_					EQUIPMENT SCHEDULE				
D	1 120V, 1Ø, 60Hz, 0.32 K.W. CONNECTED LOAD							PB-I-120				
							-					
								CADDY NO. 06608 ITEM NO. 637				
			-					JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (PASTRY KIT. #2) LOC: CINCINNATI, OH CUST: CUST#:				
				06/23/0	03	SCALE AS NOTED	DW	G# D-1-06608 SHT 25	4498			
			DR BY	, DRA		APP'D BY		$O_{H} D^{-1} = 00000$ OF 38	_			

DRA

K.E.C. MUST VERIFY THE EXACT DIMENSION OF THE COOKING EQUIPMENT FROM EITHER THE WALL OR FROM TIME-OF-FABRICATION IN THE FACTORY. IF EQUIPMENT IS NOT LOCATED AS SHOWN AND THE DRAWING IS APPROVED FOR FABRICATION, THEN NOZZLES MUST BE RELOCATED AT THE EXPENSE OF OTHERS.

CONTRACTOR NOTE:

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

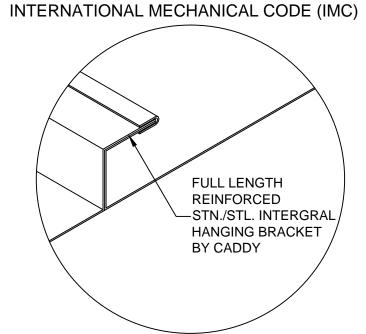
NATIONAL FIRE PROTECTION ASSOCIATION In accordance with Recommendation of National Fire Protection Association's NFPA No. 96 "Vapor Removal from Cooking Equipment

NATIONAL SANITATION FOUNDATION Standard #2 - "Food Service Equipment"

UNDERWRITERS LABORATORIES, INC Tested under standard U.L. 710 "Exhaust Hoods for Commercial Cooking Equipment". U.L. listed under file number MH8215 and MH12264

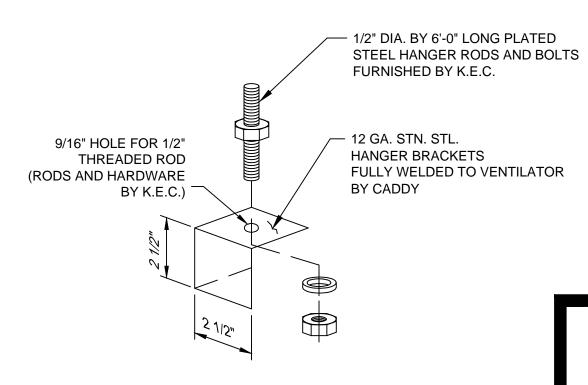
UNIFORM MECHANICAL CODE Section 507 - Commercial Kitchen Hoods and Kitchen Ventilation Systems

THE BOCA NATIONAL MECHANICAL CODE Chapter 5 - Kitchen Exhaust Equipment STANDARD MECHANICAL CODE (SBCCI) Section 504 - Commercial Hoods UNIFORM BUILDING CODE (ICBO)



HANGING BRACKET DETAIL

SCALE: 1/4"=1"



HANGER BRACKET DETAIL

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE. AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO

FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

ACKNOWLEDGED ON OUR STANDARD FORM.

THE FRONT OF THE HOOD, SO CADDY MAY PROPERLY LOCATE THE FIRE PROTECTION NOZZLES AT

ELECTRICAL NOTES:

1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO J-BOX (D) BY CADDY. RECONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY ELECTRICAL CONTRACTOR.

(2) COMPONENT HARDWARE RECESSED FLUORESCENT LIGHT FIXTURES 18 GA. STN./STL. CLOSURE (48") PN #: NSF-8240-RS-2 PANELS BY C.A.C. FILTER TYPE STN. STL **GREASE EXTRACTOR** 4" 18 GA. STN./STL. CLOSURE 2'-0" PANELS BY C.A.C. (3) COMPONENT HARDWARE BAFFLE TYPE GREASE FILTERS 20"H X 20"W FILTERS MODEL #F50-2020 10'-0" REMOVABLE **UL CLASSIFIED** FIN. CLG STN./STL. (PER SIDE) HEIGHT **GREASE CUP** [] VERIFY TOP OF VENTILATOR A.F.F. **EQUIPMENT UNDER HOODS** BY K.E.C.

SECTION Z-Z

SCALE: 3/4"=1'-0"

- **EXHAUST AIR REQUIREMENTS:**
- 1. EXHAUST C.F.M. BASED ON 250 C.F.M. PER LINEAR FOOT. 2. EXHAUST STATIC PRESSURE IS 1.00" W.G. AT DUCT TAKE-
- OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.

GENERAL NOTES

- 3. DUCT SIZE BASED ON 1,800 F.P.M.. **EXHAUST FAN REQUIREMENTS:**
- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

MAKE-UP AIR REQUIREMENTS:

- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES.
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.

INSTALLATION: 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL CODES

CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.)

- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS. IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION:

- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.
- 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY K.E.C.



REVISIONS





CADDY Air Systems

OF 39

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

INSTALLATION INFORMATION

6"* --

EQUIPMENT

UNDER HOODS

BY K.E.C.

ELEVATION

SCALE: 1/2"=1'-0"

Z

PLAN

SCALE: 1/2"=1'-0"

OTAL EXHAUST: 1,250 C.F.M

10" X 10" EXHAUST DUCT

1,250 C.F.M. @ 1.00" S.P.

FULL LENGTH

(SEE DETAIL)

HANGING BRACKET

HINGED ACCESS

DOORS

ANSUL ENCLOSURE

ANSUL ENCLOSURE-

(4) HANGER

BRACKETS-

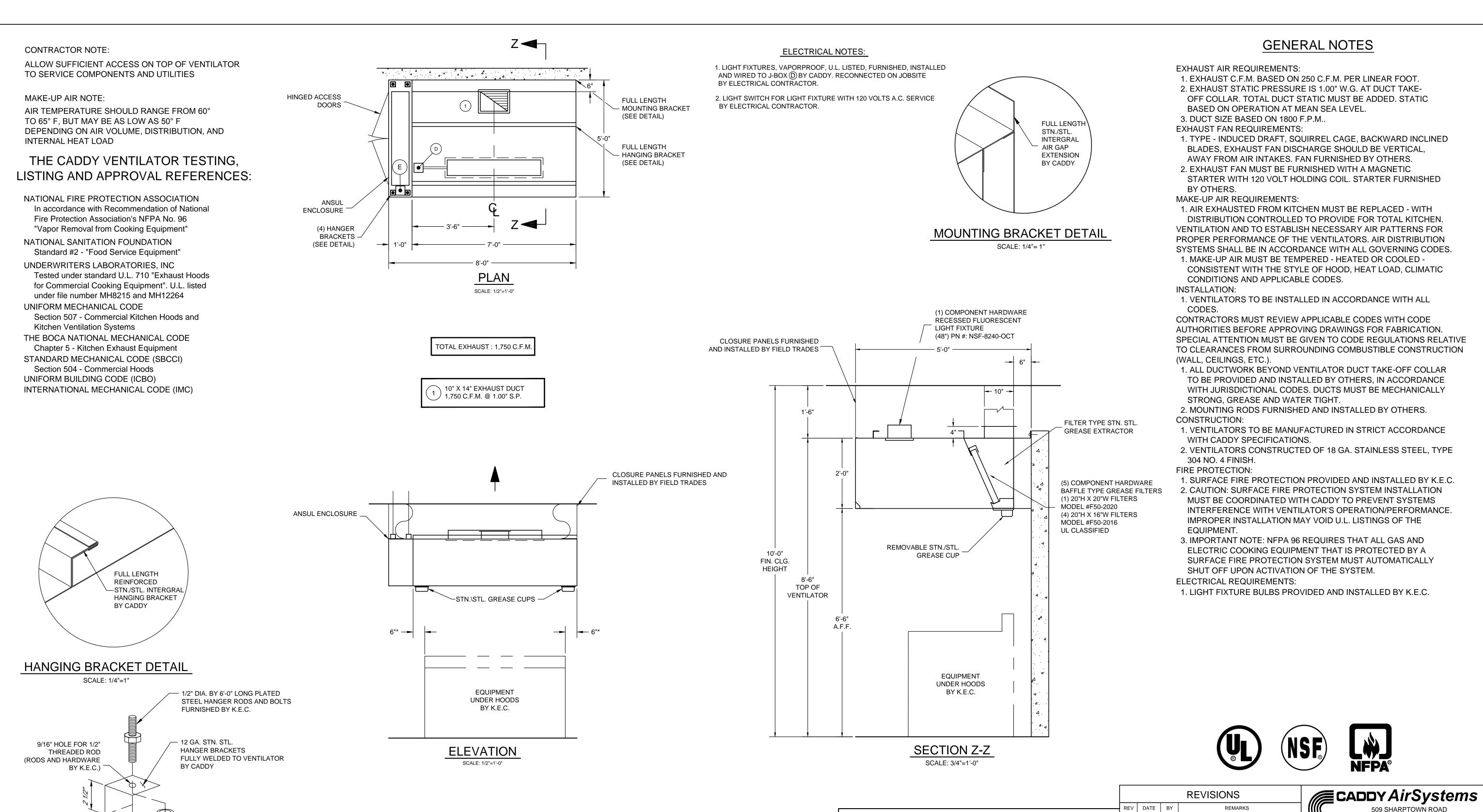
SEE DETAIL

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 6'-0" LONG x 8'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 600 LBS.

VENTILATOR TO BE SHIPPED IN (1) UNIT. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

1											
	ROUGH-IN SCHEDULE		А	11-06-03	AGR	ADDED CLOSURE PANELS, REVISED HOO	D TO			IDGEPORT NJ 08014 2 Fax:(856) 467-5511	
SYM	QTY	DESCRIPTION				OF DATE OF BOTTLE		EQUIPMENT SCHEDULE			
D	1	120V, 1Ø, 60Hz, 0.16 K.W. CONNECTED LOAD							PB-V-II	-96	
								CADDY N	O. 06608	ITEM NO. 639	1
								CON LOC: CING CUST:		TECHNICAL AND EGE (PASTRY KIT. #2)	,
			DATE	06/23/	03	SCALE AS NOTED APP'D BY		G# D -	1-06608	SHT 26	1 1 1 0 0 0 0 1
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REV DATE BY



GENERAL NOTES

- 1. EXHAUST C.F.M. BASED ON 250 C.F.M. PER LINEAR FOOT.
- 2. EXHAUST STATIC PRESSURE IS 1.00" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC
- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL,
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED
- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.
- 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL
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- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS. IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS.
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE
- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.
- 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE
- ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY K.E.C.



- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 8'-0" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 490 LBS.

K.E.C. TO VERIFY ALL MAKES AND MODELS OF

COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS,

AND TO NOTIFY CADDY OF ANY CHANGES.

HANGER BRACKET DETAIL

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE.

AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES.

AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ACKNOWLEDGED ON OUR STANDARD FORM.

ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO

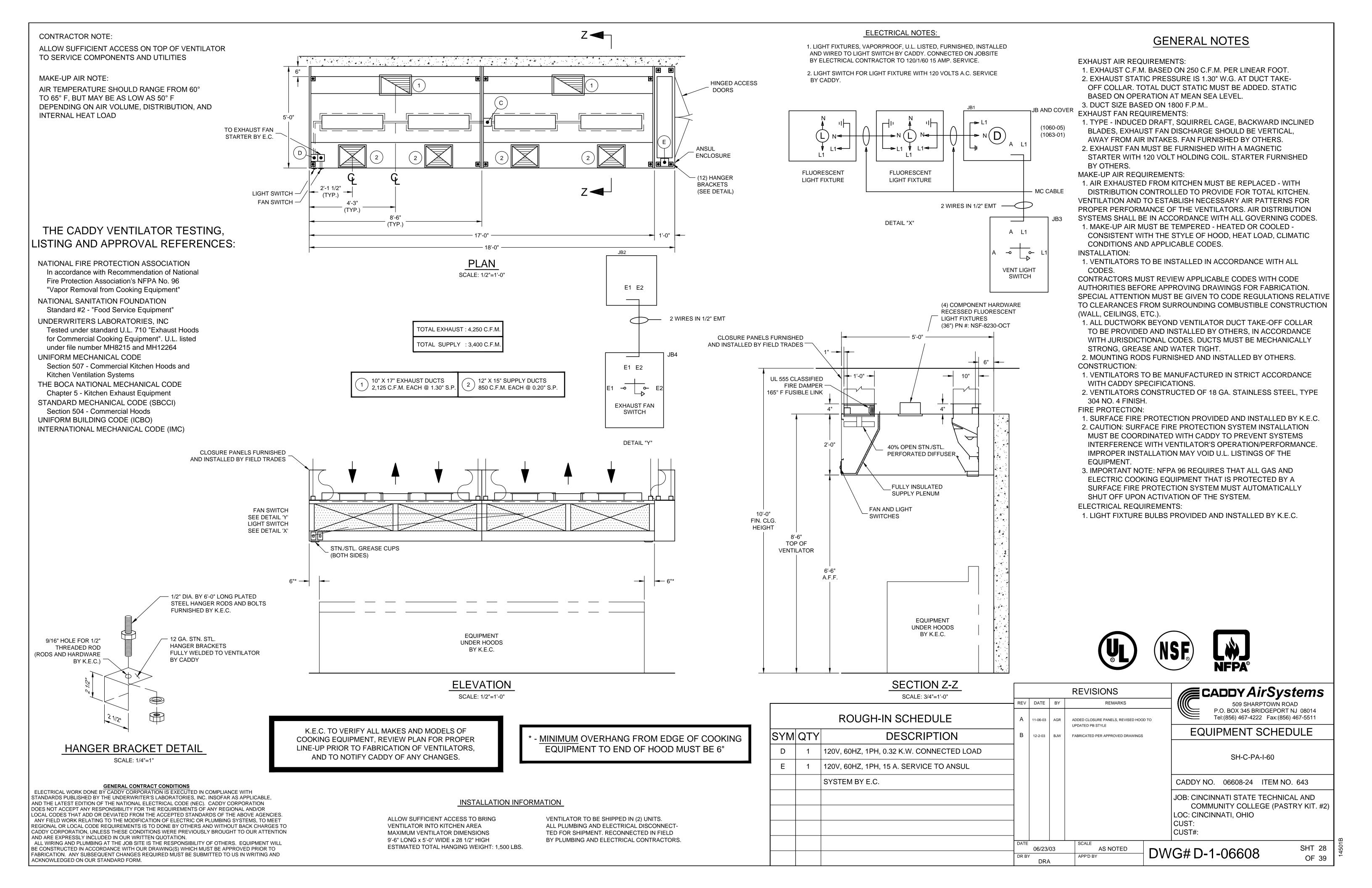
ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL

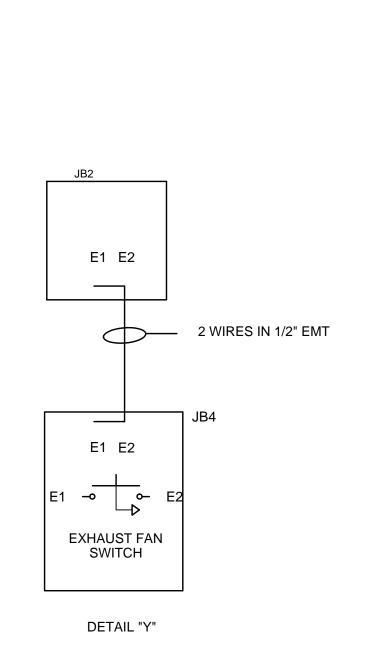
BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

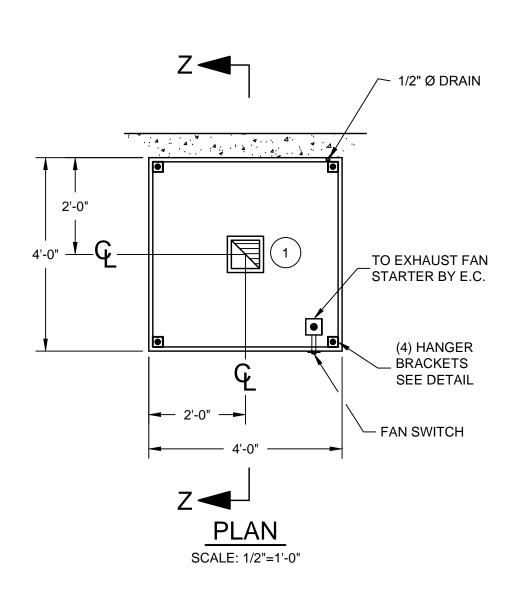
CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION

VENTILATOR TO BE SHIPPED IN (1) UNIT. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

								11117			4
	ROUGH-IN SCHEDULE		А	11-06-03	AGR	ADDED CLOSURE PANELS, REVISED HOOD TUPDATED PB STYLE	то		P.O. BOX 345 BRIDGE Tel:(856) 467-4222 Fa		
SYM	QTY	DESCRIPTION	В	12-2-03	BJW	FABRICATED PER APPROVED DRAWINGS	EQUIPMENT SCHEDULE				
D	1	120V, 60HZ, 1PH, 0.08 K.W. CONNECTED LOAD							PB-60		
Е	1	120V, 60HZ, 1PH, 15 A. SERVICE TO ANSUL							. 5 00		
		SYSTEM BY E.C.						CADDY N	IO. 06608-23 ITEI	M NO. 641	
								CON	CINNATI STATE TEC MMUNITY COLLEGE CINNATI, OH		
			DATE	06/23/	03	SCALE AS NOTED	ראות	C#D	-1-06608	SHT 27	1500F
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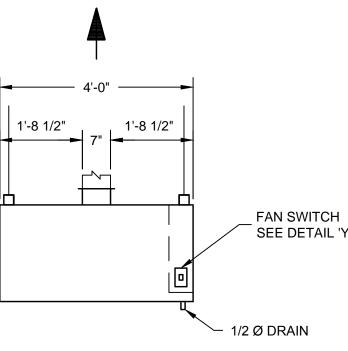


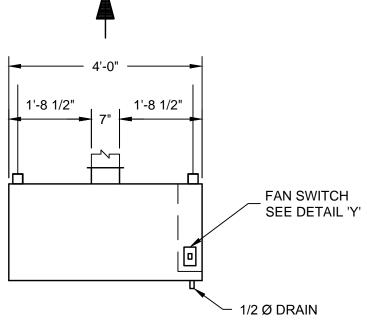
TOTAL EXHAUST: 600 C.F.M.

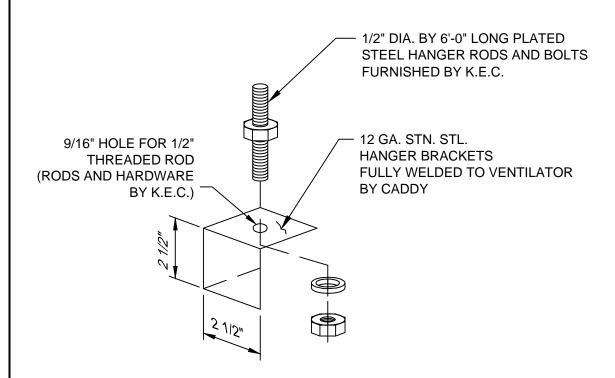
7" X 7" EXHAUST DUCT 600 C.F.M. @ 0.25" S.P.

ELEVATION

SCALE : 1/2"=1'-0"







HANGER BRACKET DETAIL

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS

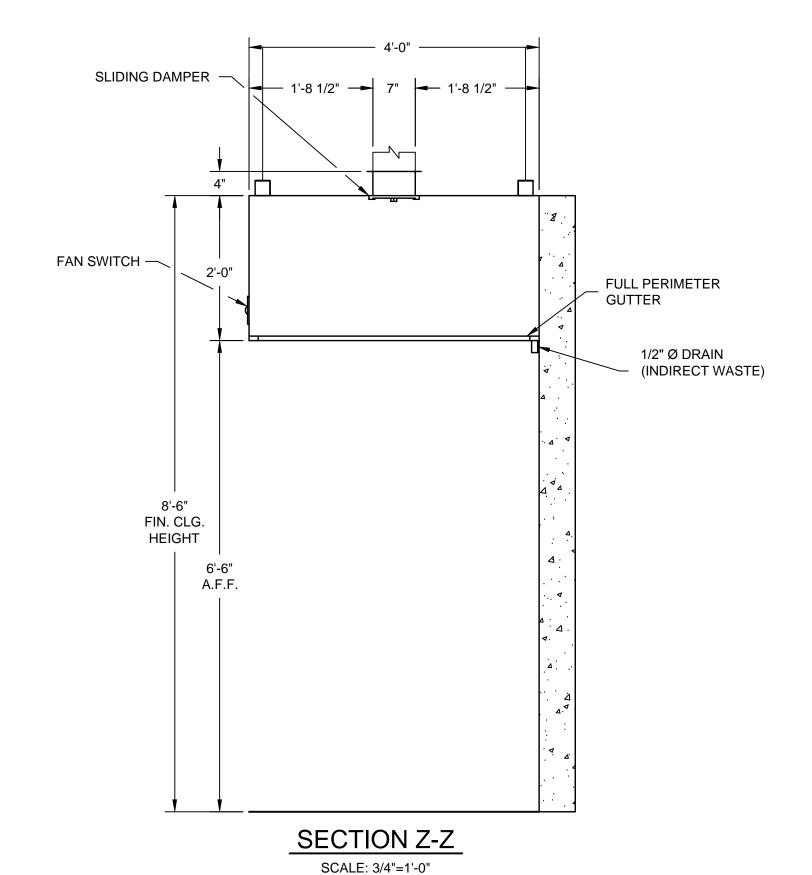
ELECTRICAL WORK DONE BY CADDY CORPORATION OF AMERICA IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION OF AMERICA DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATE FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES.

ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET PEGIONAL OR LOCAL CODE PROJUBEMENTS IS TO BE DONE BY OTHERS AND WITHOUT BACK CHARGE. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO BE DONE BY OTHERS AND WITHOUT BACK CHARGE TO CADDY CORPORATION OF AMERICA, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 4'-0" LONG x 4'-0" WIDE x 28" HIGH ESTIMATED HANGING WEIGHT: 200 LBS. VENTILATOR TO BE SHIPPED IN (1) UNIT. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.



THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

NATIONAL SANITATION FOUNDATION Standard #2 - "Food Service Equipment"



	NOTES	REVISIONS					CADDY Air Systems				
		REV	DATE	BY	REMARKS		509 SHARP	OWN ROAD			
	 AIR SYSTEMS SHALL NOT BE LIABLE FOR IMPROPER FUNCTION DUE TO CHANGE IN STATIC PRESSURE OR AIR VOLUMES SPECIFIED. 	А	7-29-03	DRA	NO CHANGES TO THIS SHEET		P.O. BOX 345 BRID Tel:(856) 467-4222	GEPORT NJ 08014 Fax:(856) 467-5511			
	 ALL DIMENSIONS TO BE VERIFIED IN FIELD BY OTHERS BEFORE VENTILATORS ARE RELEASED FOR MANUFACTURE. 	В	12-2-03	BJW	FABRICATED PER APPROVED DRAWINGS	E	QUIPMENT S	CHEDULE			
	 INDICATE ALL BEAMS, COLUMNS, ETC. WHICH MAY CONFLICT WITH VENTILATOR OR EXHAUST OUTLET COLLAR(S) (INDICATE SIZE, LOCATION, AND HEIGHT ABOVE FINISHED FLOOR.) INSTALLING CONTRACTOR SHALL CHECK ALL BUILDING ACCESS, ENTRANCE AND FIELD CONDITIONS TO ENSURE SUFFICIENT CLEARANCE TO ALLOW VENTILATOR SECTION(S) 						CH-W-4	3			
	(SIZE(S) AS DIMENSIONED ON THIS DRAWING) TO BE BROUGHT INTO BUILDING AND INSTALLED ACCORDING TO AIR SYSTEMS RECOMMENDATIONS.					CADD	Y NO. 06608-18 I	TEM NO. 718			
AND INSTALLED BY OTHERS IN ACCORDANCE WITH JURISDICTIONAL CODES, BE MECHANICALLY STRONG, AND GREASE AND WATER TIGHT.	SLEEVE INTO VENTILATOR OUTLET(S). 6. ALL DUCTWORK BEYOND THE VENTILATOR OR EXHAUST DUCT COLLAR(S) TO BE PROVIDED AND INSTALLED BY OTHERS IN ACCORDANCE WITH JURISDICTIONAL CODES, AND MUST BE MECHANICALLY STRONG, AND GREASE AND WATER TIGHT. 7. VENTILATOR(S) SHALL BE N.S.F. APPROVED AND SHALL BEAR N.S.F. LABELS VISIBLY						CINCINNATI, OH	ECHNICAL AND GE (PASTRY KIT. #1)			
		DATE 06/23/03				00/00/00)\/\C#[D-1-06608	SHT 29	1002
		DR BY	r DRA	A	APP'D BY		J-1-00000	OF 39	7		

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

ELECTRICAL NOTES:

1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO J-BOX (D) BY CADDY. DISCONNECTED FOR SHIPPING AT J-BOX (C). RECONNECTED ON JOBSITE BY ELEC-TRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

TOTAL EXHAUST: 5,750 C.F.M

TOTAL SUPPLY: 4,600 C.F.M

10" X 23" EXHAUST DUCTS 2,875 C.F.M. EACH @ 1.30" S.P.

HINGED ACCESS

(18) HANGER BRACKETS

(SEE DETAIL)

ENCLOSURE

ANSUL

ROUGH-IN SCHEDULE

120V, 60HZ, 1PH, 0.32 K.W. CONNECTED LOAD

120V, 60HZ, 1PH, 15 A. SERVICE TO ANSUL

SYSTEM BY E.C.

SYM QTY

DESCRIPTION

1'-0"

THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

NATIONAL FIRE PROTECTION ASSOCIATION In accordance with Recommendation of National Fire Protection Association's NFPA No. 96 "Vapor Removal from Cooking Equipment"

NATIONAL SANITATION FOUNDATION

Standard #2 - "Food Service Equipment"

UNDERWRITERS LABORATORIES, INC Tested under standard U.L. 710 "Exhaust Hoods for Commercial Cooking Equipment". U.L. listed

under file number MH8215 and MH12264 UNIFORM MECHANICAL CODE

Section 507 - Commercial Kitchen Hoods and Kitchen Ventilation Systems

THE BOCA NATIONAL MECHANICAL CODE Chapter 5 - Kitchen Exhaust Equipment

STANDARD MECHANICAL CODE (SBCCI) Section 504 - Commercial Hoods UNIFORM BUILDING CODE (ICBO)

INTERNATIONAL MECHANICAL CODE (IMC)





509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511 **EQUIPMENT SCHEDULE**

SH-C-PA-I-60

CADDY Air Systems

CADDY NO. 06608-19 ITEM NO. 735

COMMUNITY COLLEGE (PASTRY KIT. #1) LOC: CINCINNATI, OHIO

AS NOTED APP'D BY

GENERAL CONTRACT CONDITIONS
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

HANGER BRACKET DETAIL

SCALE: 1/4"=1"

9/16" HOLE FOR 1/2"

(RODS AND HARDWARE

THREADED ROD

BY K.E.C.)

1/2" DIA. BY 6'-0" LONG PLATED

FULLY WELDED TO VENTILATOR

FURNISHED BY K.E.C.

- 12 GA. STN. STL.

HANGER BRACKETS

STEEL HANGER RODS AND BOLTS

ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

5'-0"

CLOSURE PANELS FURNISHED AND

INSTALLED BY FIELD TRADES

2'-10 1/2" (TYP.)

(TYP.)

(TYP.)

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 11'-6" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 1,960 LBS. VENTILATOR TO BE SHIPPED IN (3) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

一 **FAN SWITCH** SEE DETAIL 'Y' ─ STN./STL. GREASE CUPS LIGHT SWITCH SEE DETAIL 'X'

EQUIPMENT

UNDER HOODS

BY K.E.C.

ELEVATION

SCALE: 1/2"=1'-0"

PLAN SCALE: 1/2"=1'-0"

Z

TO EXHAUST FAN

LIGHT SWITCH -

FAN SWITCH

STARTER BY E.C.





REVISIONS REV DATE BY REVISED PER RETURNED PRINT RECEIVED 8-13-03 FABRICATED PER APPROVED DRAWINGS

06/23/03

JOB: CINCINNATI STATE TECHNICAL AND

CUST: CUST#:

DWG# D-1-06608

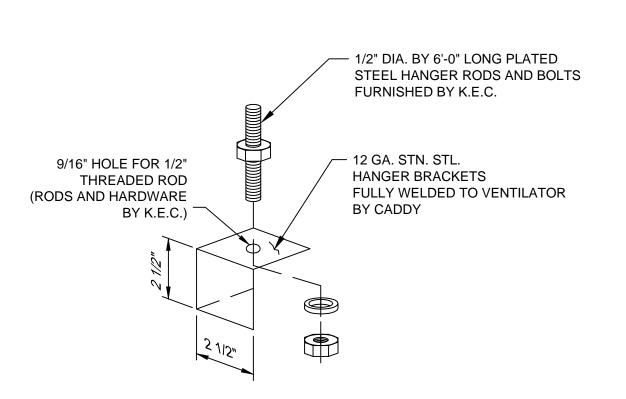
SHT 30 OF 39

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

JB AND COVER (1060-05) (1063-01)**FLUORESCENT** FLUORESCENT LIGHT FIXTURE LIGHT FIXTURE MC CABLE 2 WIRES IN 1/2" EMT — ____ DETAIL "X" A L1 **VENT LIGHT** SWITCH



HANGER BRACKET DETAIL

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS

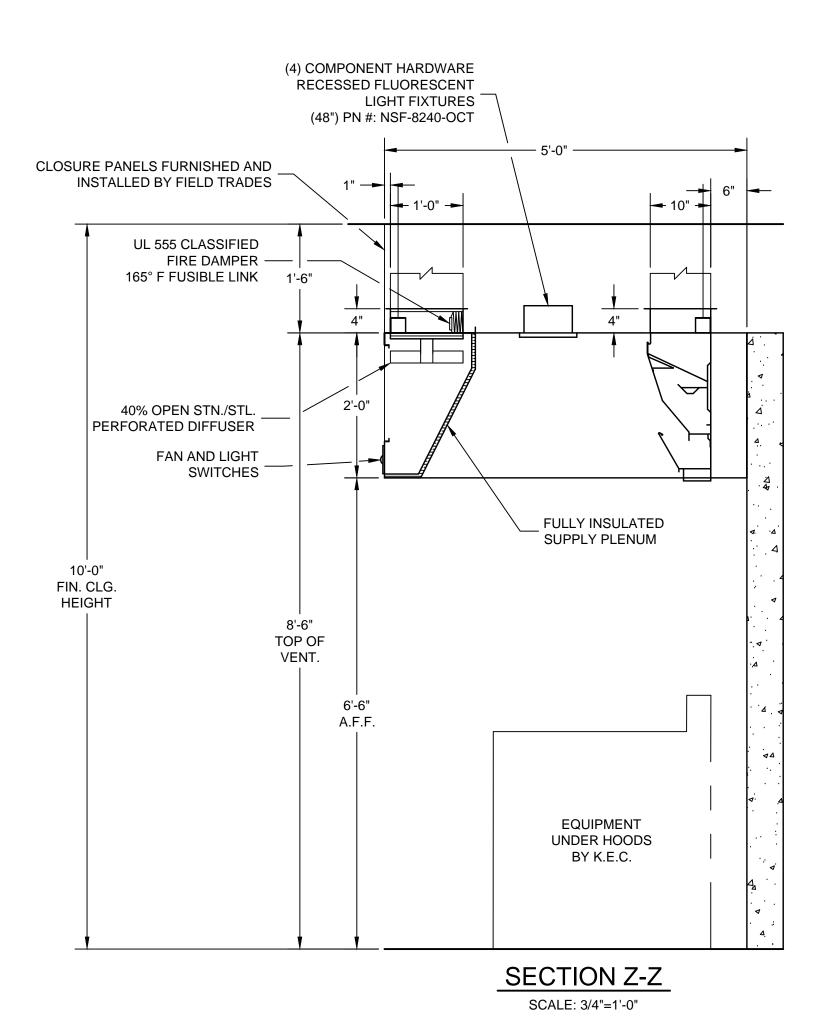
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL

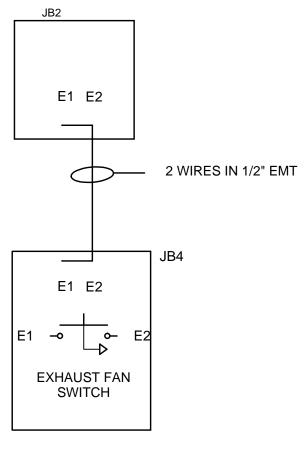
BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

ELECTRICAL NOTES:

1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO J-BOX (D) BY CADDY. DISCONNECTED FOR SHIPPING AT J-BOX (C). RECONNECTED ON JOBSITE BY ELEC-TRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.

2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.





DETAIL "Y"

GENERAL NOTES

- **EXHAUST AIR REQUIREMENTS:**
- 1. EXHAUST C.F.M. BASED ON 250 C.F.M. PER LINEAR FOOT.
- 2. EXHAUST STATIC PRESSURE IS 1.30" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
- 3. DUCT SIZE BASED ON 1800 F.P.M..
- **EXHAUST FAN REQUIREMENTS:**
- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES. EXHAUST FAN DISCHARGE SHOULD BE VERTICAL. AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.
- MAKE-UP AIR REQUIREMENTS:
- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC

SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES

- CONDITIONS AND APPLICABLE CODES. **INSTALLATION:**
- 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL
- CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.).
- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS. IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.
- FIRE PROTECTION: 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.
- 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.
- ELECTRICAL REQUIREMENTS:
- 1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.







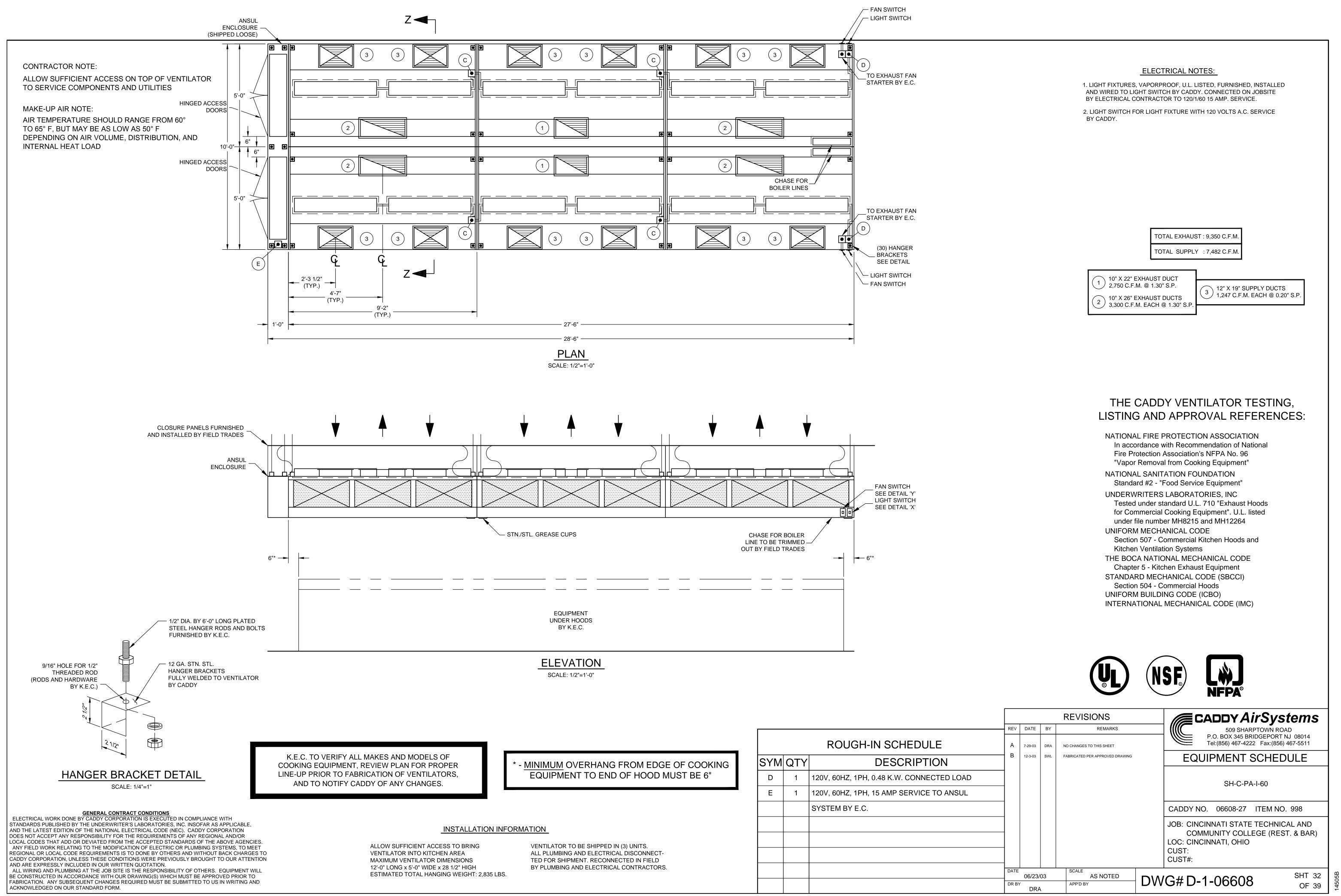
K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 11'-6" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 1,960 LBS.

VENTILATOR TO BE SHIPPED IN (3) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

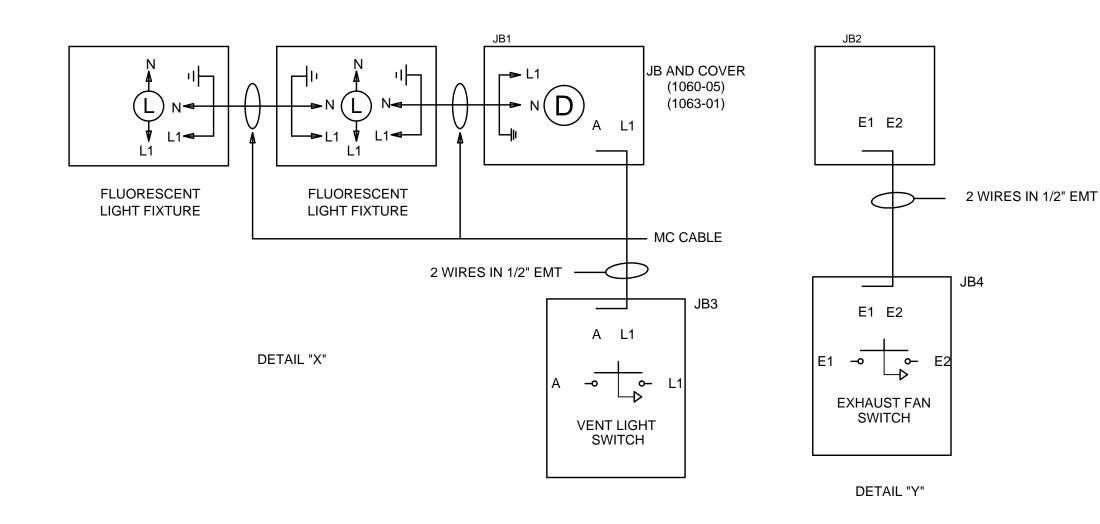
			RE'			REVISIONS	CADDY Air Systems
			REV	DATE 8-14-03	BY	REMARKS REVISED PER RETURNED PRINT RECEIVED	509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tol:(856) 467 4323 Fax:(856) 467 5511
ROUGH-IN SCHEDULE			В	12-3-03	BJW	FABRICATED PER APPROVED DRAWINGS	EQUIPMENT SCHEDULE
SYM	QTY	DESCRIPTION					
D	1 120V, 60HZ, 1PH, 0.32 K.W. CONNECTED LOAD						SH-C-PA-I-60
							CADDY NO. 06608-19 ITEM NO. 735
							JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (PASTRY KIT. #1) LOC: CINCINNATI, OHIO CUST: CUST#:
			DATE DR B	06/23	/03	SCALE AS NOTED APP'D BY	DWG# D-1-06608 SHT 31
			I DK B		٨	APPUBI	OF 39

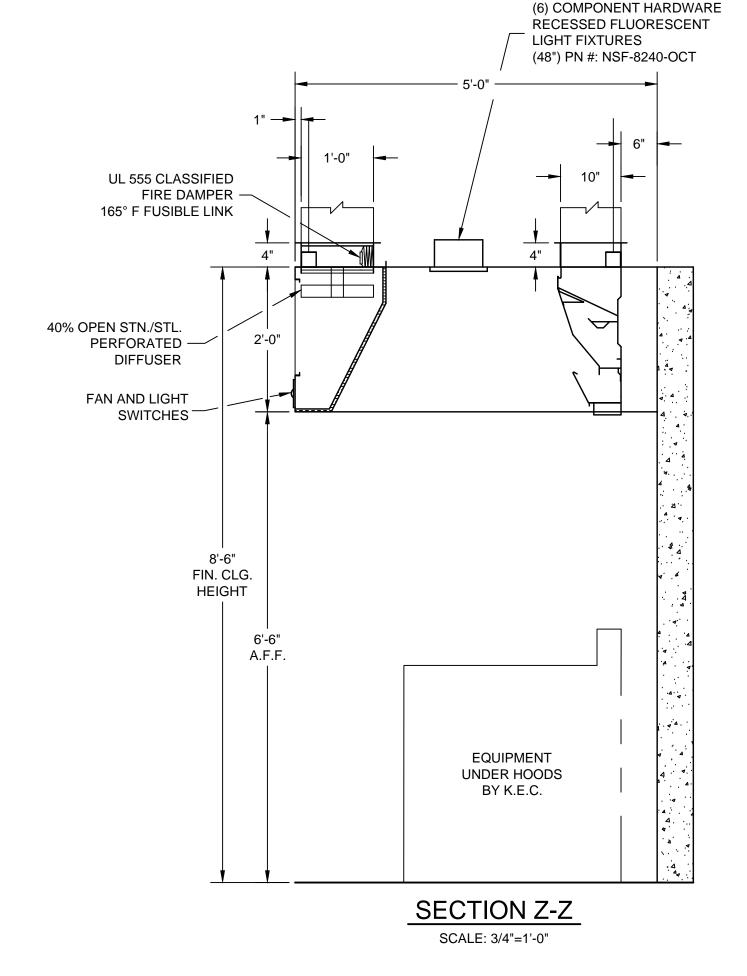


ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F. BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD





K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 12'-0" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 2,835 LBS. VENTILATOR TO BE SHIPPED IN (3) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

ELECTRICAL NOTES:

- 1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.
- 2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

GENERAL NOTES

- **EXHAUST AIR REQUIREMENTS:**
- 1. EXHAUST C.F.M. BASED ON VARIOUS C.F.M. PER LINEAR FOOT. 2. EXHAUST STATIC PRESSURE IS 1.30" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC
- BASED ON OPERATION AT MEAN SEA LEVEL. 3. DUCT SIZE BASED ON 1800 F.P.M..
- **EXHAUST FAN REQUIREMENTS:**
- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.
- MAKE-UP AIR REQUIREMENTS:
- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES. INSTALLATION:
- 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL
- CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.).
- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS, IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.
- FIRE PROTECTION:
- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C. 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.

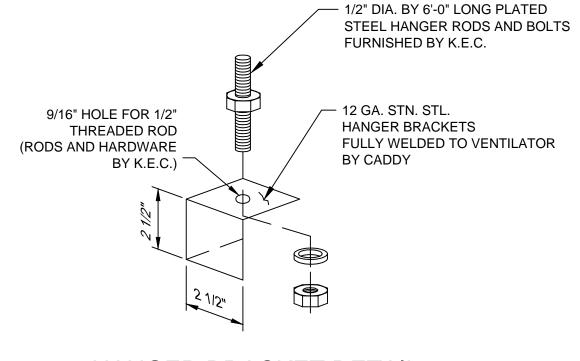






			REVISIONS					CADDY Air Systems	
ROUGH-IN SCHEDULE				7-29-03	BY	REMARKS NO CHANGES TO THIS SHEET		509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511	
SYM	YM QTY DESCRIPTION			12-3-03	SWL	FABRICATED PER APPROVED DRAWING		EQUIPMENT SCHEDULE	
D	1	120V, 60HZ, 1PH, 0.48 K.W. CONNECTED LOAD						SH-C-PA-I-60	
Е	1	120V, 60HZ, 1PH, 15 AMP SERVICE TO ANSUL						SITOTATIO	
		SYSTEM BY E.C.						CADDY NO. 06608-27 ITEM NO. 998	
								JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (REST. & BAR) LOC: CINCINNATI, OHIO CUST: CUST#:	
				DATE 06/23/03 DR BY DD A		SCALE AS NOTED	DW	(=#1)=1=06608	906B
			DR B			APP'D BY		$O_{\text{F}} O^{-1} O O O O O O O O O O O O O O O O O O O$	45

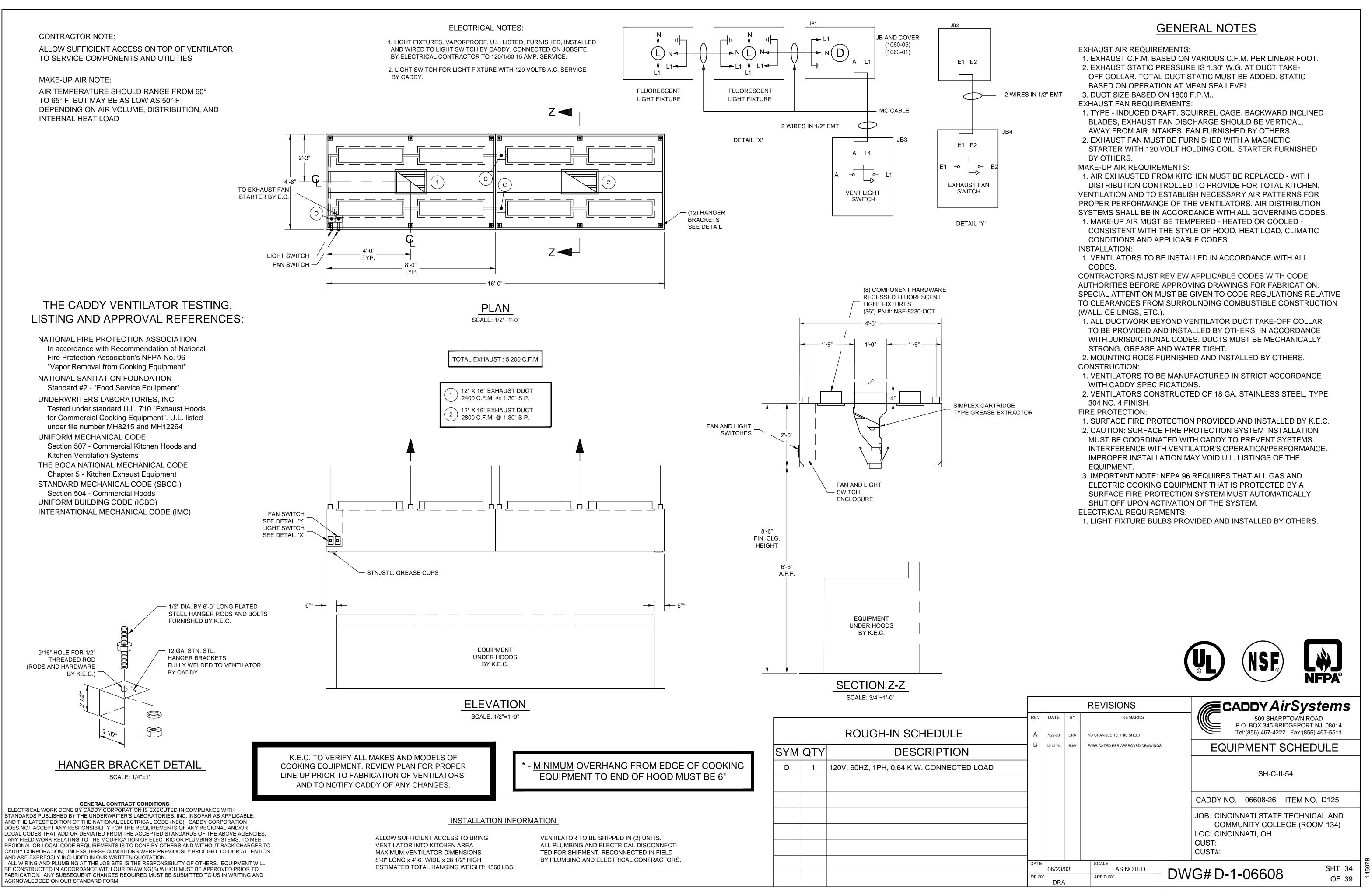
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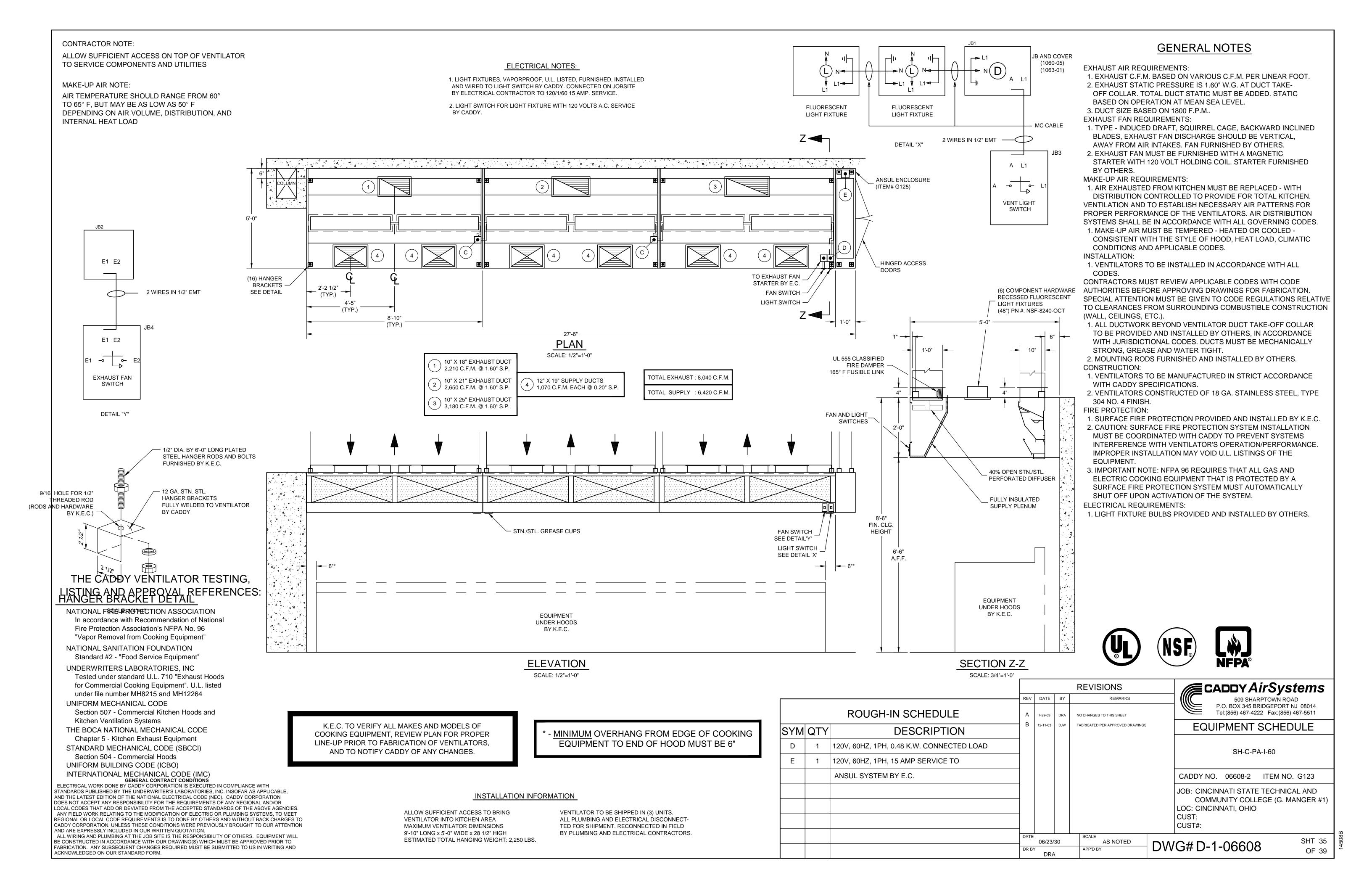


HANGER BRACKET DETAIL SCALE: 1/4"=1"

<u>GENERAL CONTRACT CONDITIONS</u>
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE. AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL

BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.





ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

ELECTRICAL NOTES:

- 1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO J-BOX (D) BY CADDY. RECONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR.
- 2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY ELECTRICAL CONTRACTOR.

Z 4 4 4 4'-0" - (4) HANGER **BRACKETS** SEE DETAIL — 3'-3" —

THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

NATIONAL FIRE PROTECTION ASSOCIATION In accordance with Recommendation of National Fire Protection Association's NFPA No. 96 "Vapor Removal from Cooking Equipment"

NATIONAL SANITATION FOUNDATION Standard #2 - "Food Service Equipment"

UNDERWRITERS LABORATORIES, INC Tested under standard U.L. 710 "Exhaust Hoods for Commercial Cooking Equipment". U.L. listed under file number MH8215 and MH12264

UNIFORM MECHANICAL CODE Section 507 - Commercial Kitchen Hoods and

Kitchen Ventilation Systems THE BOCA NATIONAL MECHANICAL CODE

Chapter 5 - Kitchen Exhaust Equipment

UNIFORM BUILDING CODE (ICBO)

9/16" HOLE FOR 1/2"

(RODS AND HARDWARE

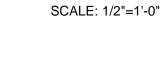
ACKNOWLEDGED ON OUR STANDARD FORM.

THREADED ROD

BY K.E.C.)

STANDARD MECHANICAL CODE (SBCCI) Section 504 - Commercial Hoods

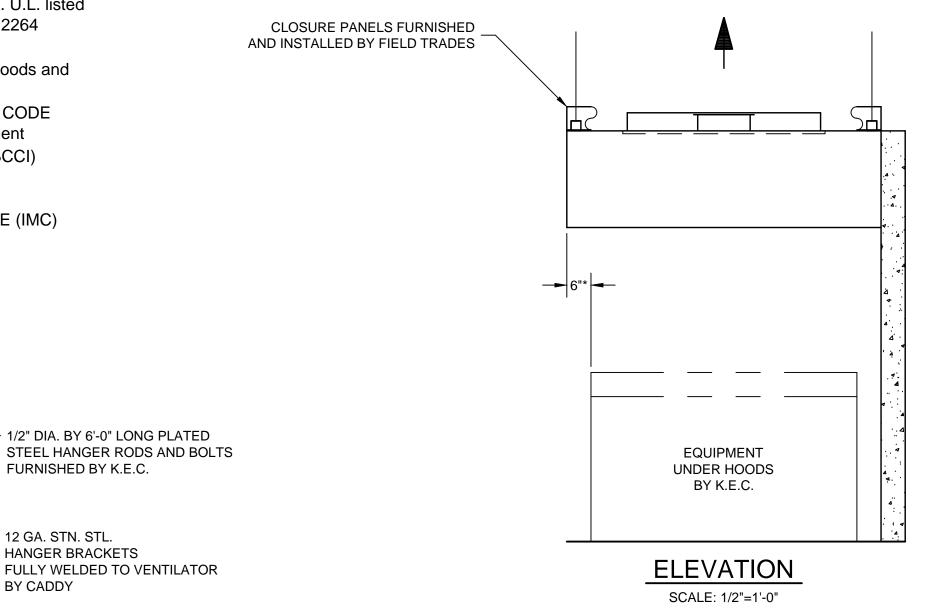
INTERNATIONAL MECHANICAL CODE (IMC)

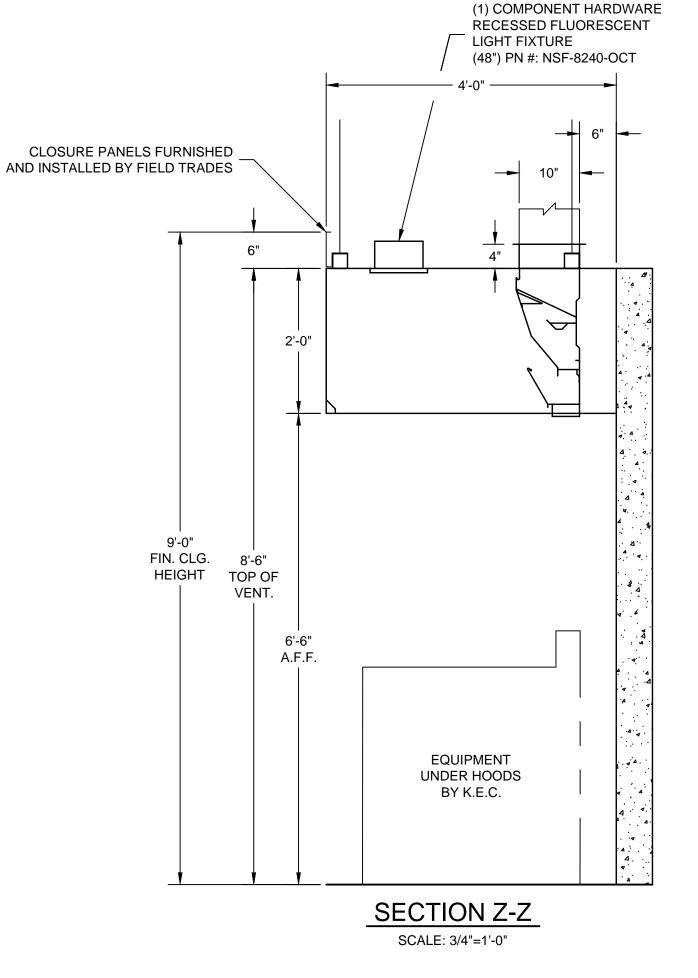




PLAN







GENERAL NOTES

EXHAUST AIR REQUIREMENTS:

- 1. EXHAUST C.F.M. BASED ON 250 C.F.M. PER LINEAR FOOT.
- 2. EXHAUST STATIC PRESSURE IS 1.60" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
- 3. DUCT SIZE BASED ON 1800 F.P.M..

EXHAUST FAN REQUIREMENTS:

- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES. EXHAUST FAN DISCHARGE SHOULD BE VERTICAL. AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

MAKE-UP AIR REQUIREMENTS:

- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES.
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED -CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.

INSTALLATION:

- 1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL CODES
- CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.)
- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS, IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY OTHERS. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION:

- 1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C. 2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION
- MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY OTHERS.



REVISIONS





CADDY Air Systems

HANGER BRACKET DETAIL SCALE: 1/4"=1"

1/2" DIA. BY 6'-0" LONG PLATED

FURNISHED BY K.E.C.

HANGER BRACKETS

- 12 GA. STN. STL.

GENERAL CONTRACT CONDITIONS
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE. AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO

FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 6'-6" LONG x 4'-0" WIDE x 28-1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 460 LBS.

VENTILATOR TO BE SHIPPED IN (1) UNIT. ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

		ROUGH-IN SCHEDULE	Α	7-29-03	DRA	NO CHANGES TO THIS SHEET				DGEPORT NJ 08014 P. Fax:(856) 467-5511
SYM	QTY	DESCRIPTION	В	1-15-04	BJW	FABRICATED PER APPROVED DRAWINGS		EQUIP	MENT S	CHEDULE
D	1	120V, 60HZ, 1PH, 0.08 K.W. CONNECTED LOAD							SH-C-4	ł8
								CADDY NO. 0	06608-4	ITEM NO. G234B
									TY COLLE	TECHNICAL AND GE (G. MANAGER #2)
			DATE	06/23/	/03	SCALE AS NOTED		G# D-1-0	16608	SHT 36
			DR B	Y		APP'D BY	\mid $\boldsymbol{\mathcal{D}}$ \boldsymbol{V} \boldsymbol{V}	G# D-1-C	0000	OF 39

REV DATE BY

OF 39

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

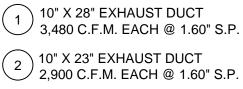
MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

ELECTRICAL NOTES:

- 1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.
- 2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

TOTAL EXHAUST : 8,795 C.F.M TOTAL SUPPLY: 7,020 C.F.M



12" X 19" SUPPLY DUCTS 4) 1,170 C.F.M. EACH @ 0.20" S.P.

3 10" X 19" EXHAUST DUCT 2,415 C.F.M. EACH @ 1.60" S.P

THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

NATIONAL FIRE PROTECTION ASSOCIATION In accordance with Recommendation of National Fire Protection Association's NFPA No. 96 "Vapor Removal from Cooking Equipment"

NATIONAL SANITATION FOUNDATION Standard #2 - "Food Service Equipment"

UNDERWRITERS LABORATORIES, INC Tested under standard U.L. 710 "Exhaust Hoods for Commercial Cooking Equipment". U.L. listed under file number MH8215 and MH12264

UNIFORM MECHANICAL CODE Section 507 - Commercial Kitchen Hoods and Kitchen Ventilation Systems

THE BOCA NATIONAL MECHANICAL CODE Chapter 5 - Kitchen Exhaust Equipment STANDARD MECHANICAL CODE (SBCCI) Section 504 - Commercial Hoods UNIFORM BUILDING CODE (ICBO) INTERNATIONAL MECHANICAL CODE (IMC)







CADDY Air Systems **REVISIONS** 509 SHARPTOWN ROAD REV DATE BY P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511 ADDED CLOSURE PANELS **EQUIPMENT SCHEDULE** CHANGED ITEM NUMBER REVISED VENTILATOR LENGTH TO 9'-4"

06/23/03

ROUGH-IN SCHEDULE

120V, 60HZ, 1PH, 0.48 K.W. CONNECTED LOAD

DESCRIPTION

SYM QTY

D

SH-C-PA-I-60

CADDY NO. 06608-3 ITEM NO. G234

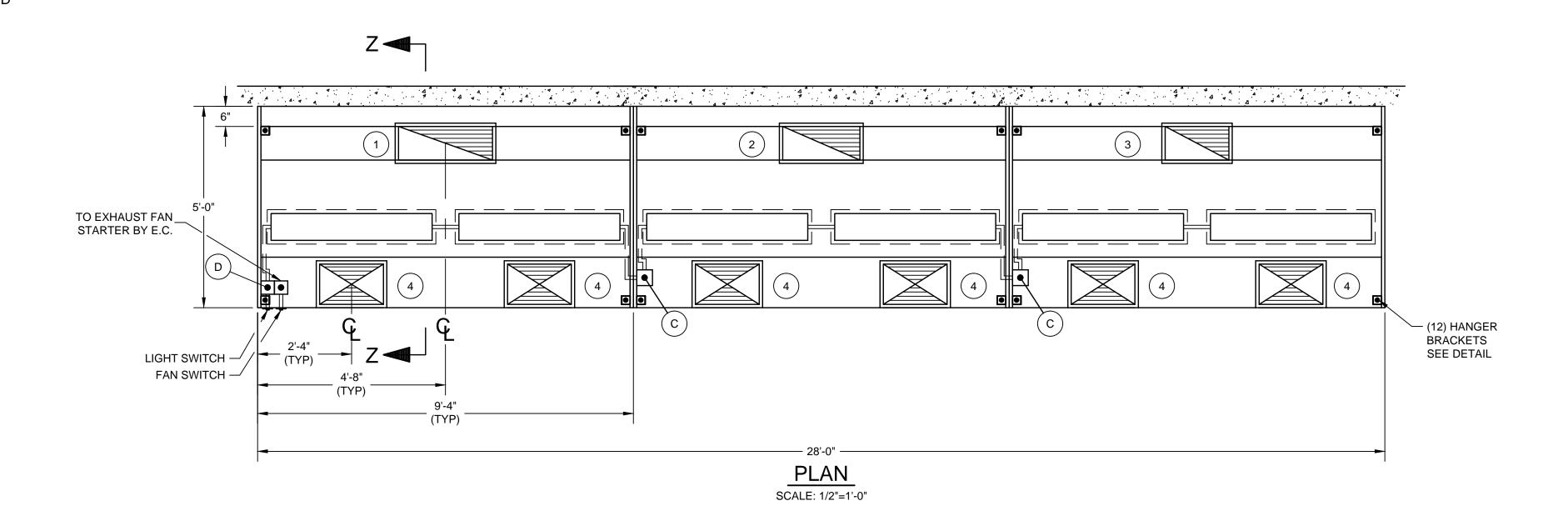
JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE (G. MANGER #2) LOC: CINCINNATI, OHIO CUST:

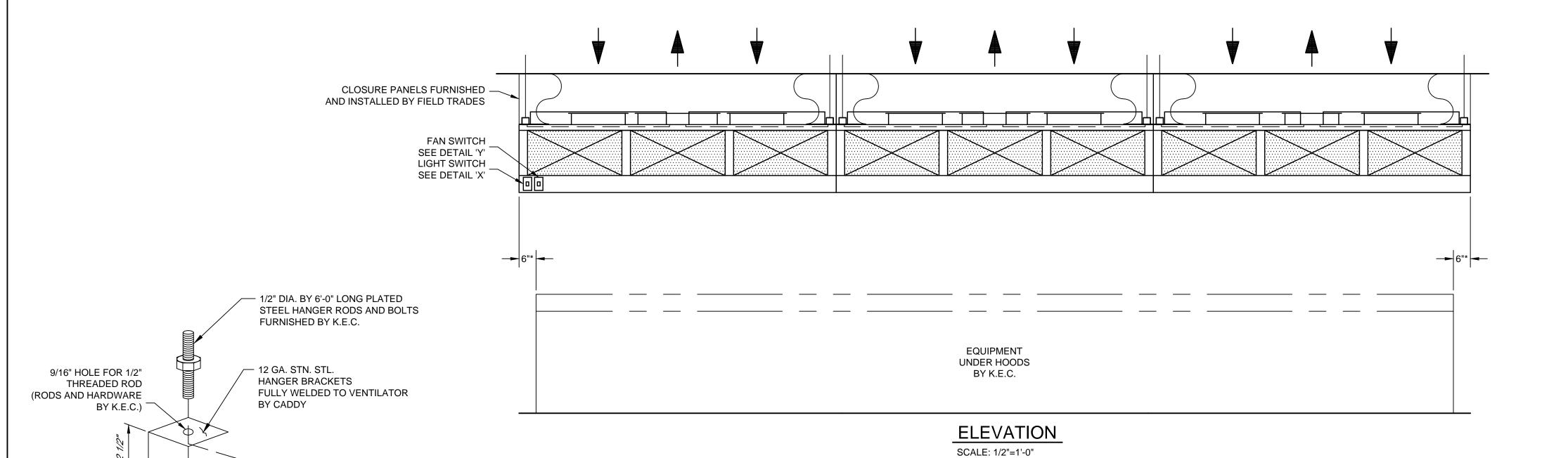
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OF 39

CUST#:

AS NOTED DWG# D-1-06608 APP'D BY





K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS,

AND TO NOTIFY CADDY OF ANY CHANGES.

- MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 9'-4" LONG x 5'-0" WIDE x 28-1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 2,460 LBS. VENTILATOR TO BE SHIPPED IN (3) UNITS.

HANGER BRACKET DETAIL SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS
ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES. ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION. ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO

FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

ACKNOWLEDGED ON OUR STANDARD FORM.

ALL PLUMBING AND ELECTRICAL DISCONNECT-TED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65° F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

1/2" DIA. BY 6'-0" LONG PLATED

FURNISHED BY K.E.C.

- 12 GA. STN. STL.

HANGER BRACKETS

9/16" HOLE FOR 1/2"

(RODS AND HARDWARE

THREADED ROD

BY K.E.C.)

HANGER BRACKET DETAIL

SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS

ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH
STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE,

AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ACKNOWLEDGED ON OUR STANDARD FORM.

LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES.

ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO DONE BY OTHERS AND WITHOUT BACK CHARGES TO

CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION

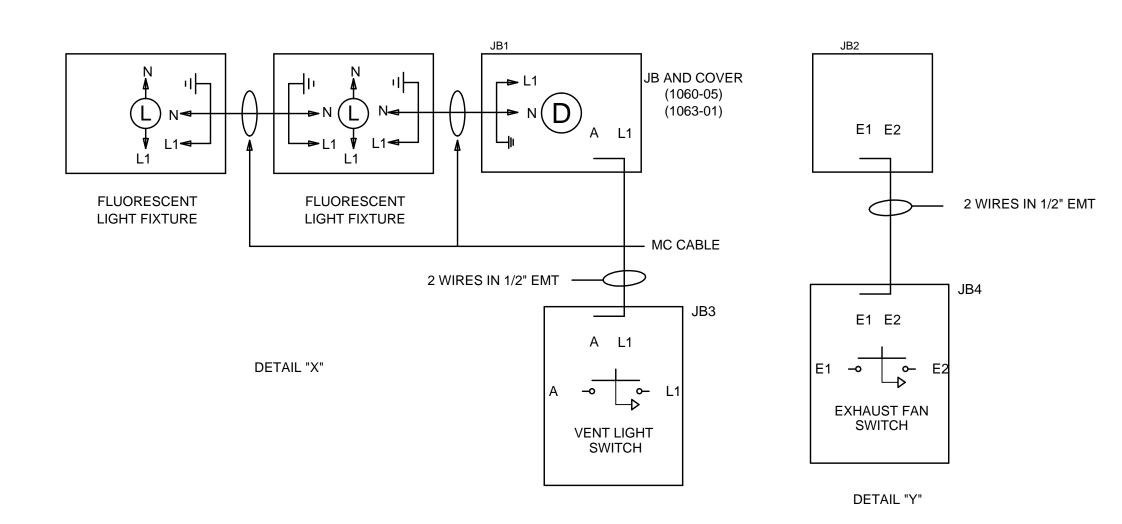
ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL

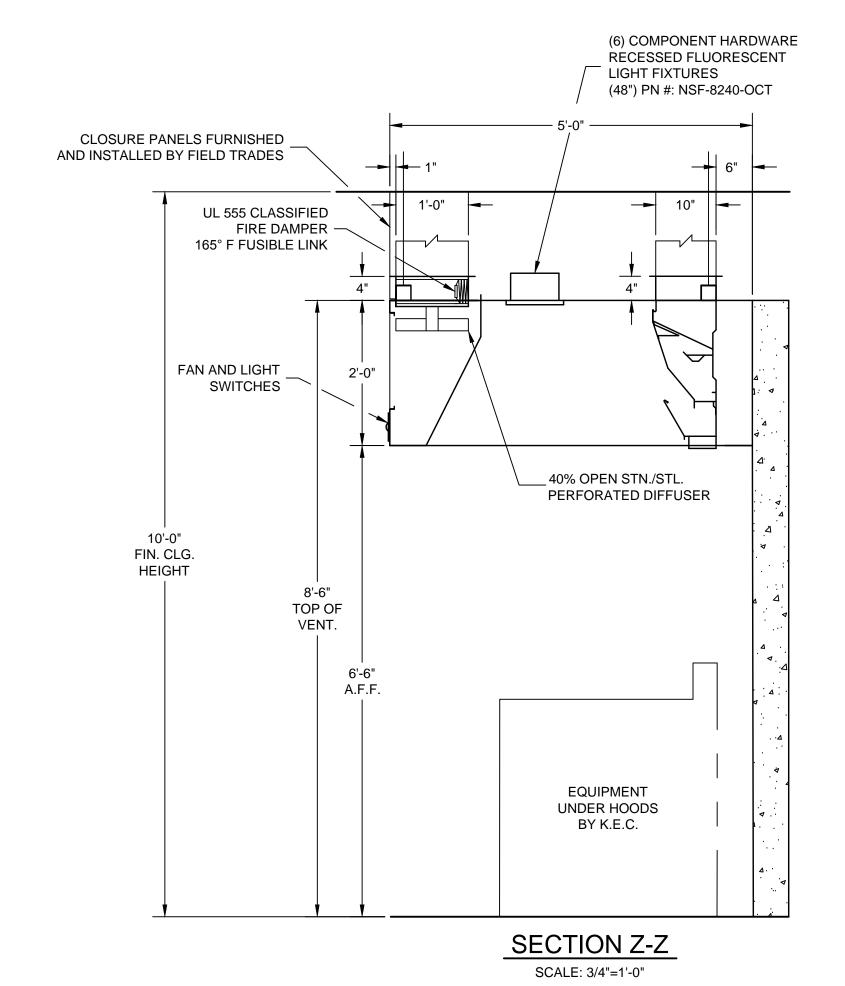
BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO

FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND

STEEL HANGER RODS AND BOLTS

FULLY WELDED TO VENTILATOR





K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 9'-4" LONG x 5'-0" WIDE x 28-1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 2,460 LBS. VENTILATOR TO BE SHIPPED IN (3) UNITS.
ALL PLUMBING AND ELECTRICAL DISCONNECTTED FOR SHIPMENT. RECONNECTED IN FIELD
BY PLUMBING AND ELECTRICAL CONTRACTORS.

ELECTRICAL NOTES:

- 1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO LIGHT SWITCH BY CADDY. CONNECTED ON JOBSITE BY ELECTRICAL CONTRACTOR TO 120/1/60 15 AMP. SERVICE.
- 2. LIGHT SWITCH FOR LIGHT FIXTURE WITH 120 VOLTS A.C. SERVICE BY CADDY.

GENERAL NOTES

EXHAUST AIR REQUIREMENTS:

- EXHAUST C.F.M. BASED ON VARIOUS C.F.M. PER LINEAR FOOT.
 EXHAUST STATIC PRESSURE IS 1.60" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC
- BASED ON OPERATION AT MEAN SEA LEVEL.
- 3. DUCT SIZE BASED ON 1800 F.P.M.. EXHAUST FAN REQUIREMENTS:
- 1. TYPE INDUCED DRAFT, SQUIRREL CAGE, BACKWARD INCLINED BLADES, EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY OTHERS.
- 2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY OTHERS.

MAKE-UP AIR REQUIREMENTS:

- 1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES.
- 1. MAKE-UP AIR MUST BE TEMPERED HEATED OR COOLED CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.

INSTALLATION:

1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL

CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.).

- 1. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY OTHERS, IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
- 2. MOUNTING RODS FURNISHED AND INSTALLED BY K.E.C. CONSTRUCTION:
- 1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
- 2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL, TYPE 304 NO. 4 FINISH.

FIRE PROTECTION:

- SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY K.E.C.
 CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID U.L. LISTINGS OF THE EQUIPMENT.
- 3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:

1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY K.E.C.



REVISIONS

AS NOTED



DWG# D-1-06608



CADDY Air Systems

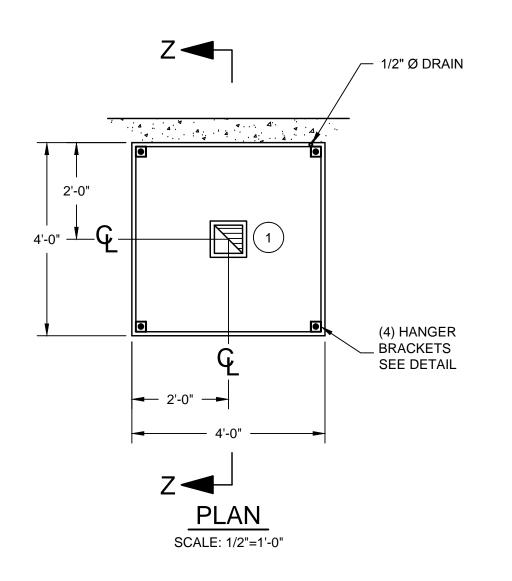
		ROUGH-IN SCHEDULE	А	08-19-03	DRA	ADDED CLOSURE PANELS			RIDGEPORT NJ 08014 22 Fax:(856) 467-5511	
SYM	QTY	DESCRIPTION	В С	10-24-03 1-14-04	AGR BJW	CHANGED ITEM NUMBERS REVISED VENTILATOR LENGTH TO 9'-4"	EQI	JIPMENT :	SCHEDULE	
D	1	120V, 60HZ, 1PH, 0.48 K.W. CONNECTED LOAD	 -					SH-C-P	∖-I-6 0	
							CADDY N	O. 06608-3	ITEM NO. G234	
							COM LOC: CINC CUST:		ETECHNICAL AND EGE (G. MANGER #2)	
			DATE			SCALE	CUST#:			(

06/23/03

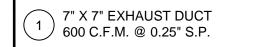
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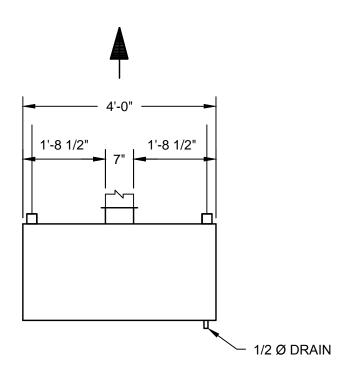
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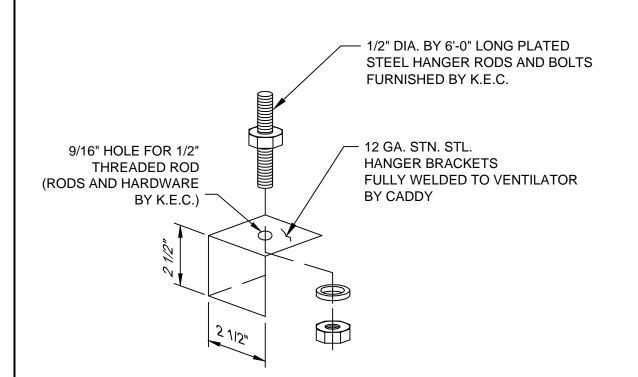


TOTAL EXHAUST : 600 C.F.M.



SCALE: 1/2"=1'-0"





HANGER BRACKET DETAIL

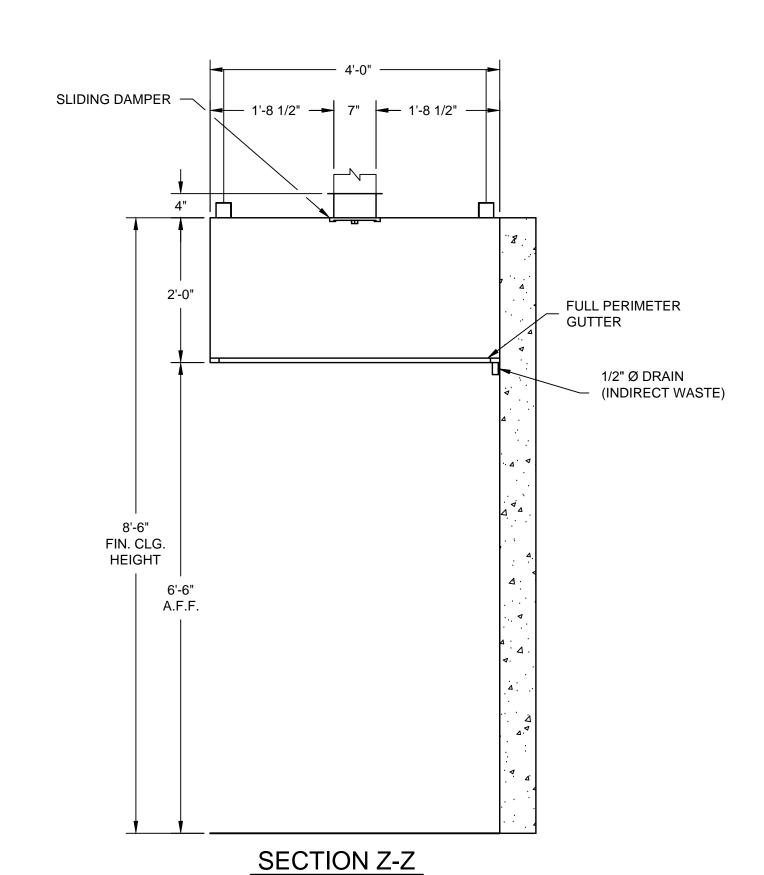
SCALE: 1/4"=1"

GENERAL CONTRACT CONDITIONS

ELECTRICAL WORK DONE BY CADDY CORPORATION OF AMERICA IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE(NEC). CADDY CORPORATION OF AMERICA DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATE FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES.
ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS IS TO BE DONE BY OTHERS AND WITHOUT BACK CHARGE TO CADDY CORPORATION OF AMERICA, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.
ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 4'-0" LONG x 4'-0" WIDE x 28" HIGH ESTIMATED HANGING WEIGHT: 200 LBS. VENTILATOR TO BE SHIPPED IN (1) UNIT.
ALL PLUMBING AND ELECTRICAL DISCONNECTTED FOR SHIPMENT. RECONNECTED IN FIELD
BY PLUMBING AND ELECTRICAL CONTRACTORS.



SCALE: 3/4"=1'-0"

THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

NATIONAL SANITATION FOUNDATION
Standard #2 - "Food Service Equipment"



NOTES	REVISIONS					CADDY Air Systems				
1. AIR SYSTEMS SHALL NOT BE LIABLE FOR IMPROPER FUNCTION DUE TO CHANGE IN STATIC PRESSURE OR AIR VOLUMES SPECIFIED. 2. ALL DIMENSIONS TO BE VERIFIED IN FIELD BY OTHERS BEFORE VENTILATORS ARE RELEASED FOR MANUFACTURE. 3. INDICATE ALL BEAMS, COLUMNS, ETC. WHICH MAY CONFLICT WITH VENTILATOR OR EXHAUST OUTLET COLLAR(S) (INDICATE SIZE, LOCATION, AND HEIGHT ABOVE FINISHED FLOOR.) 4. INSTALLING CONTRACTOR SHALL CHECK ALL BUILDING ACCESS, ENTRANCE AND FIELD CONDITIONS TO ENSURE SUFFICIENT CLEARANCE TO ALLOW VENTILATOR SECTION(S) (SIZE(S) AS DIMENSIONED ON THIS DRAWING) TO BE BROUGHT INTO BUILDING AND INSTALLED ACCORDING TO AIR SYSTEMS RECOMMENDATIONS. 5. ALL EXHAUST DUCT COLLARS ARE INSIDE DIMENSIONS. CONNECTION DUCTWORK SHALL SLEEVE INTO VENTILATOR OUTLET(S). 6. ALL DUCTWORK BEYOND THE VENTILATOR OR EXHAUST DUCT COLLAR(S) TO BE PROVIDED AND INSTALLED BY OTHERS IN ACCORDANCE WITH JURISDICTIONAL CODES, AND MUST BE MECHANICALLY STRONG, AND GREASE AND WATER TIGHT. 7. VENTILATOR(S) SHALL BE N.S.F. APPROVED AND SHALL BEAR N.S.F. LABELS VISIBLY AFFIXED TO EXTERIOR.	A B	7-29-03 12-15-03	BY DRA RLH	REMARKS ADDED CONDENSATE HOOD ITEM # D104 FABRICATED PER APPROVED DRAWING		509 SHARPTOWN ROAD P.O. BOX 345 BRIDGEPORT NJ 08014 Tel:(856) 467-4222 Fax:(856) 467-5511 EQUIPMENT SCHEDULE CH-W-48 CADDY NO. 06608-25 ITEM NO. D104 JOB: CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE LOC: CINCINNATI, OH CUST:				
	DATE 06/23/03 DR BY DRA		06/23/03 DR BY			SCALE AS NOTED APP'D BY	DW	CUST#: /G# D-1-06608 SHT 39 OF 39	14599B	