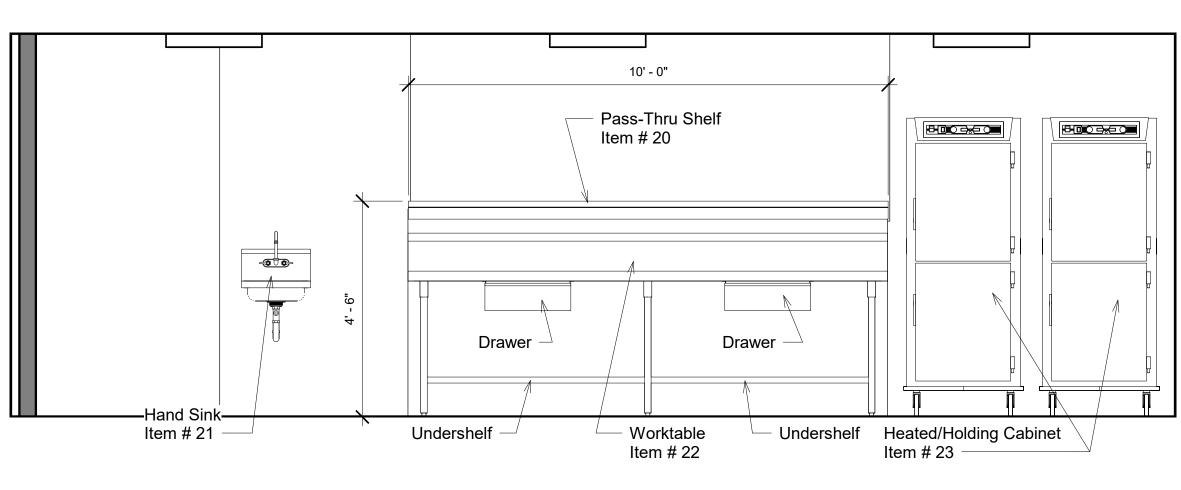
Worktable Elevation
1/2" = 1'-0"



3 Kitchen West Wall Elevation 1/2" = 1'-0"

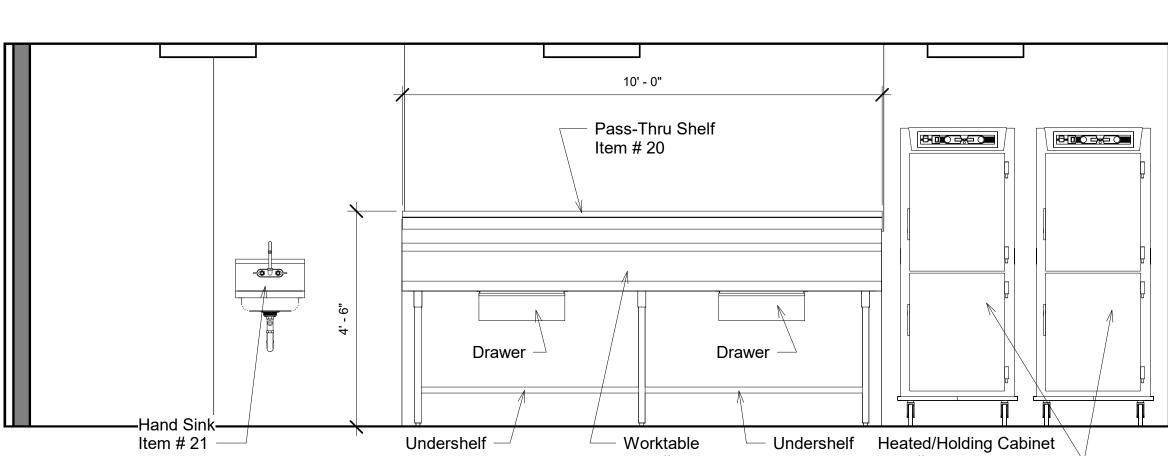
Exhaust Hood Utility Cabinet -

Item # 37 (Existing)

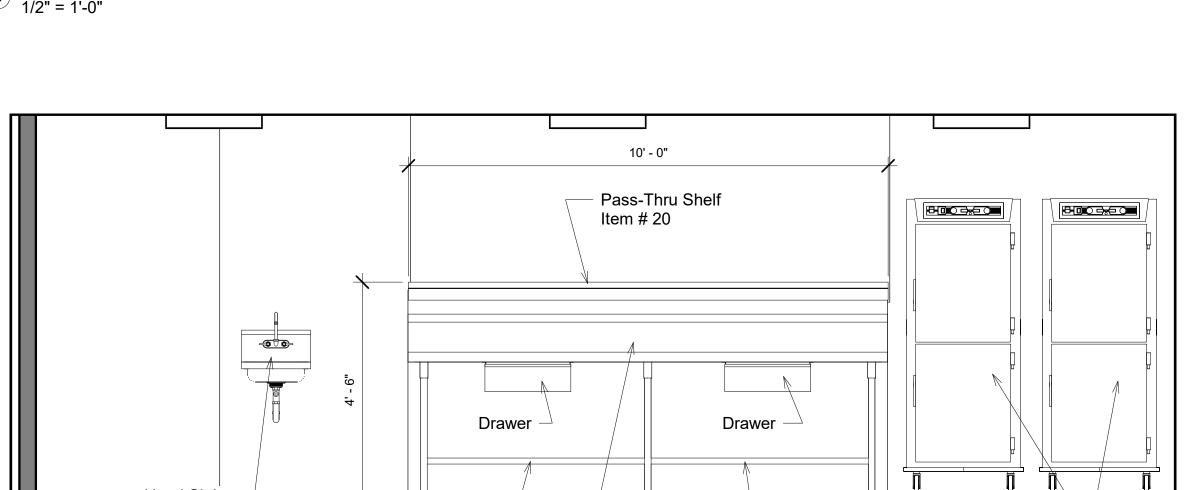
Mobile Slicer Table

Item # 36

1 Kitchen North Wall Elevation 1/2" = 1'-0"



6 Serving Counter Elevation 1/2" = 1'-0"



Exhaust Hood Item # 11

Griddle

**Equipment Stand** 

Glass Reach-In Door Right Hand Hinged —

Range, 6-Burner

Item # 15 -

Stainless Steel Wall Panels

Convection Oven, Double

4' - 10"

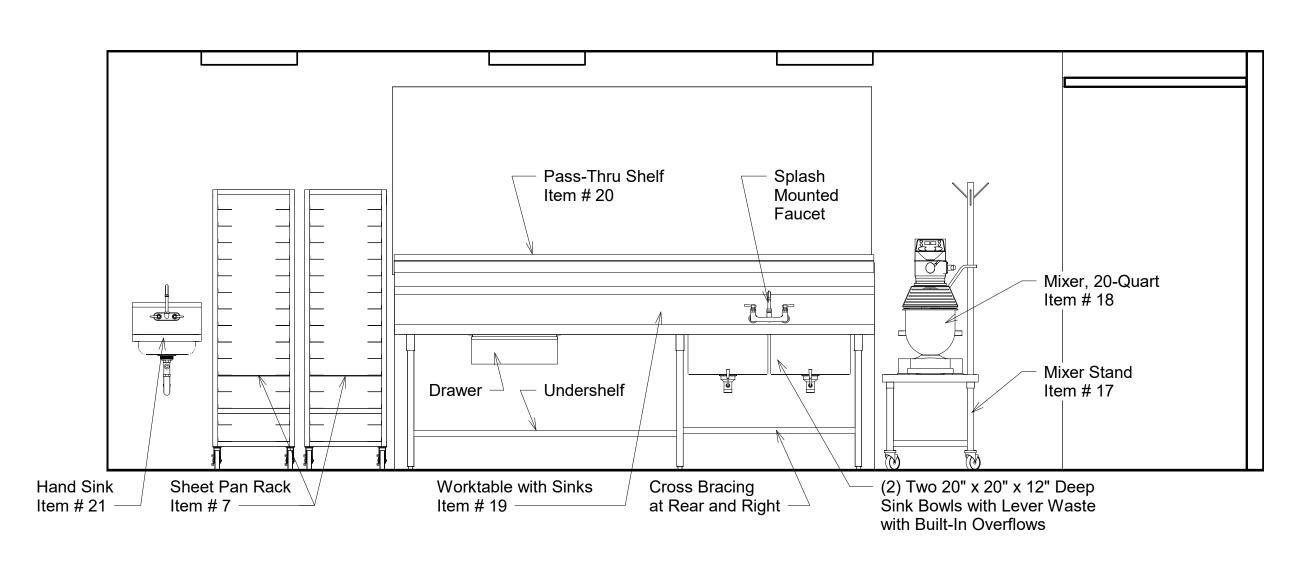
 Walk-In Cooler Item # 1

Exhaust Hood Item # 12

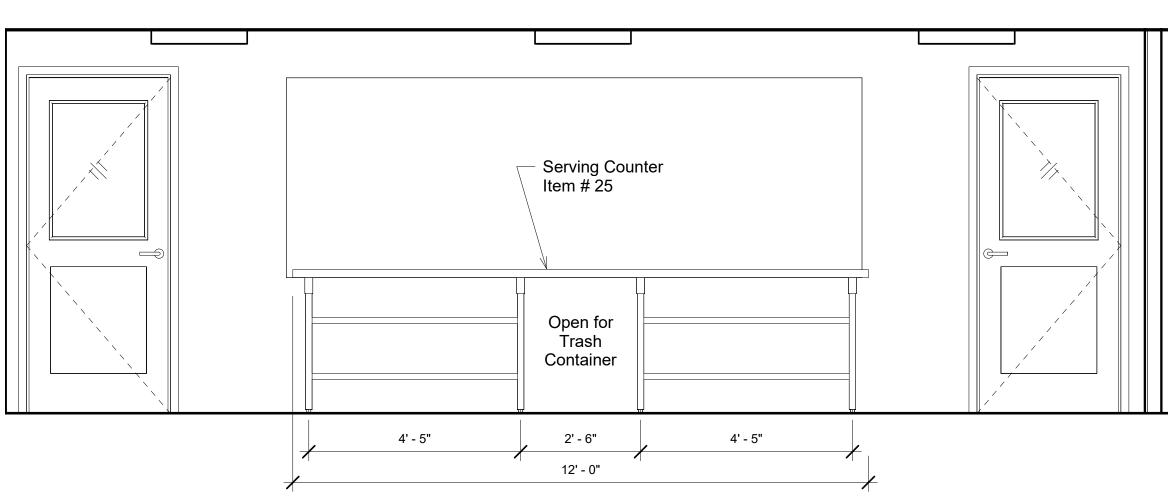
Steamer Item # 24 -

Exhaust Hood Item # 11 Pass-Thru Shelf Item # 20 - Hood Left End Panel Worktable Serving Counter Item # 37 (Existing) Item # 22 Item # 25 Worktable with Sink Item # 19 -Mixer, 20-Quart Mobile Slicer Table Mixer Stand Item # 17 Item # 36 Item # 18 -3' - 0"

2 Kitchen Section Elevation
1/2" = 1'-0"



Worktable with Sinks Elevation
1/2" = 1'-0"



**FOODSERVICE EQUIPMENT ELEVATIONS** 

**Drawing Name** 

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Project #: 2023-0050

Drawn By: *TJM* 

03/01/2024

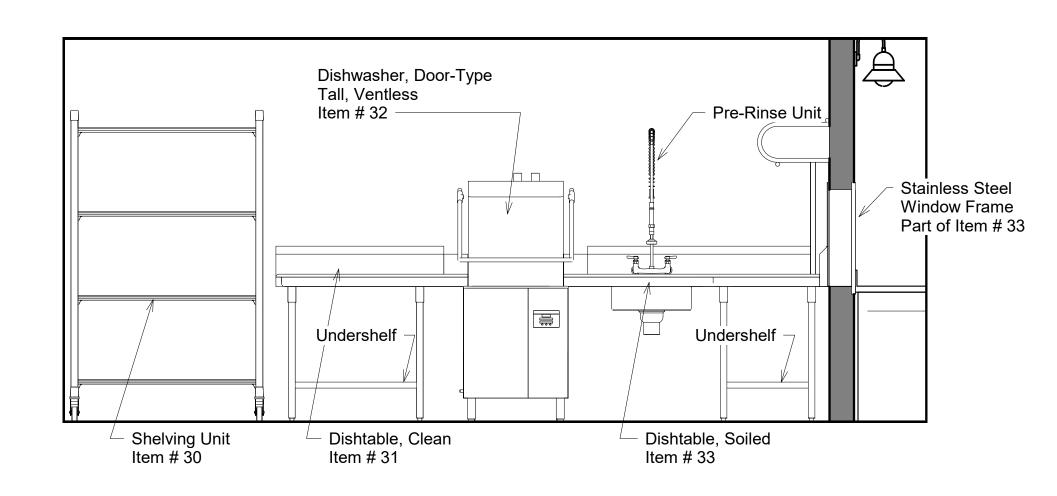
ISSUE FOR CONSTRUCTION

Date:

Sheet Number

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

### Pot Sink Wall Elevation 1/2" = 1'-0"



3 Dishroom South Wall Elevation 1/2" = 1'-0"

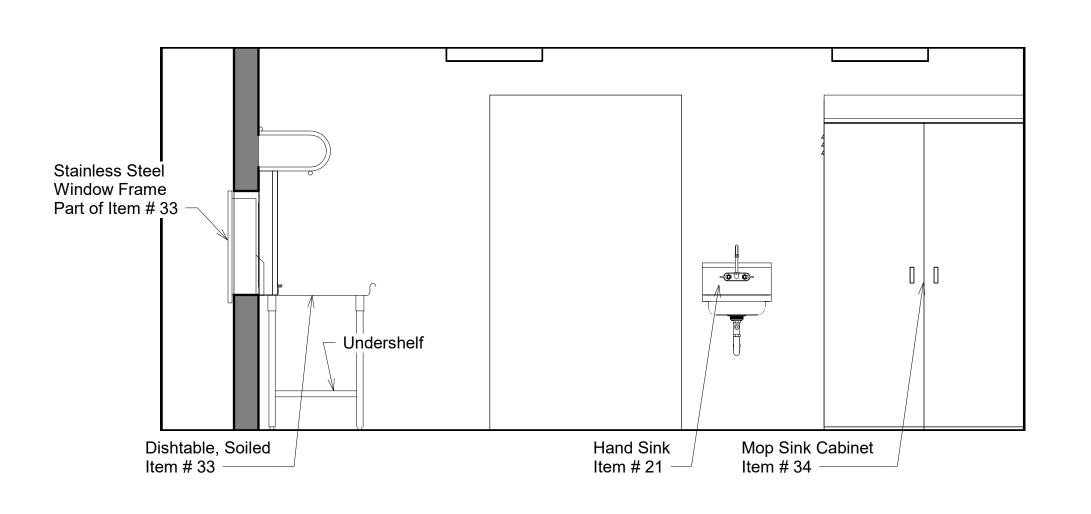
─ Dishwasher, Door-Type Tall, Ventless Item # 32

Stainless Steel
Window Frame

Part of Item # 33

Dishtable, SoiledItem # 33

Undershelf



Dishroom West Wall Elevation
1/2" = 1'-0"

Project Name

Project #: 2023-0050

Drawn By: *TJM* 

Date: 03/01/2024

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Drawing Name

FOODSERVICE EQUIPMENT ELEVATIONS

Sheet Number

FS-5

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

Dishroom East Wall Elevation

1/2" = 1'-0"

FOR QUESTIONS, CALL THE Maine Office REGION 21 PHONE: (207) 796 - 2590 EMAIL: reg21@econair.com

EXHAUST HOODS ND-2/BD-2/SND-2 (CANADA) - CA PATENT 2520435 C.

HOOD INFORMATION - JOB#6591928

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						MAX							EXHA	JST F	LENUM					CONFIG
HD		TAG	МПЛГІ	MANUFACTURE		COOKING	TYPE	APPLIANCE	DESIGN	TOTAL			F	SISER(	2)			HOOD	END TO	
N		1 110	MUNEL	MANOFACIONE	KLENGIH	TEMP	111 -	DUTY	CFM/FT	EXH CFM	WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	CONSTRUCTION	END	ROW
-	1	Left	6024 EX-2	ECON-AIR	9′ 6″	600 DEG	I	HEAVY	250	2375			4"	16″	2375	1701	-0,585″	430 SS WHERE EXPOSED	LEFT	ALONE
á	2	Right	6024 EX-2	ECON-AIR	7′ 11″	600 DEG	I	HEAVY	185	1465			4"	12"	1465	1865	-0.452"	430 SS WHERE EXPOSED	RIGHT	ALONE

HOOD INFORMATION

11001		INMATION	FILTER(S)		LIGHT(S)						JTILITY CABINET(S)			FIRE HOOD
HOOD NO	TAG	TYPE	QTY HEIGHT LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	FIR TYPE	E SYSTEM SIZE	ELECTRICAL  MODEL #	SWITCHES QUANTITY	SYSTEMHANGING PIPING WEIGHT
1	Left	SS BAFFLE WITH HANDLES	7 16" 16"	30%	3	L55 SERIES E26	ND	LEFT	12"×60"×24"	TANK FS	4.0/4.0/4.0	SC-320110MA	1 LIGHT 1 FAN	YES 1025 LBS
2	Right	SS BAFFLE WITH HANDLES	5 16" 16"	30%	3	L55 SERIES E26	NO							YES 481 LBS

HOOD ODTIONS

4L.
NSULATED 430
_

GREASE DUCT & CHIMNEY SPECIFICATIONS: PROVIDE GREASE DUCT EQUAL TO ECON-AIR MODEL "EDW" IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "EDW" DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER THE MANUFACTURES INSTALLATION GUIDE PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER. PER MANUFACTURES LISTING MODEL "EDW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12". DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE ACCUMULATION IN HORIZONTAL RUNS.

IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE UL-2221 OR UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY EQUAL TO ECON-AIR MODEL "EDW- 2R, 2R TYPE HT, 3R, OR 3Z" ROUND 20 GAUGE 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS DUTER SHELL,

ECON-AIR RECOMMENDS THE USE OF LISTED, PRE-FABRICATED ROUND GREASE EXHAUST DUCT TO REDUCE STATIC PRESSURE IN THE SYSTEM MINIMIZE INSTALLATION AND INSPECTION TIMES, AND ENSURE DUCT IS LIQUID TIGHT

### HVAC DISTRIBUTION NOTE

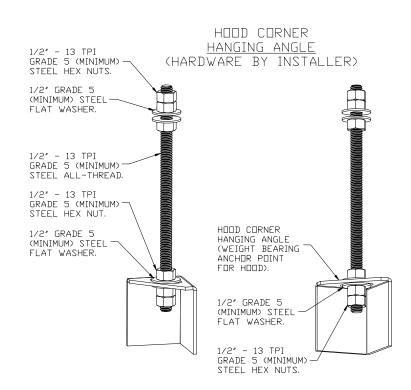
HIGH VELOCITY DIFFUSERS OR HVAC RETURNS SHOULD NOT BE PLACED WITHIN TEN (10) FEET OF THE EXHAUST HOOD, PERFORATED DIFFUSERS ARE RECOMMENDED.

### VERIFY CEILING HEIGHT

HEIGHT REQUIRED TO VERIFY THAT HOOD FITS SPACE AND TO SIZE THE ENCLOSURE PANELS

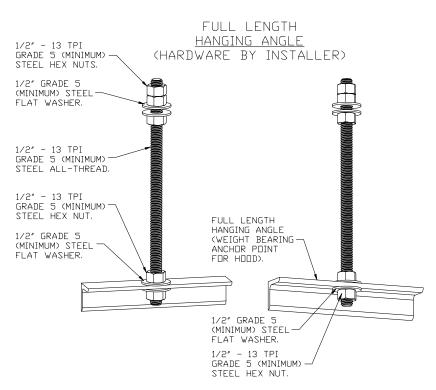
### CUSTOMER APPROVAL TO MANUFACTURE:

APPROVED AS NOTED APPROVED WITH NO EXCEPTION TAKEN REVISE AND RESUBMIT SIGNATURE



### ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN, MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS, MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN, MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS, SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR FULL LENGTH HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



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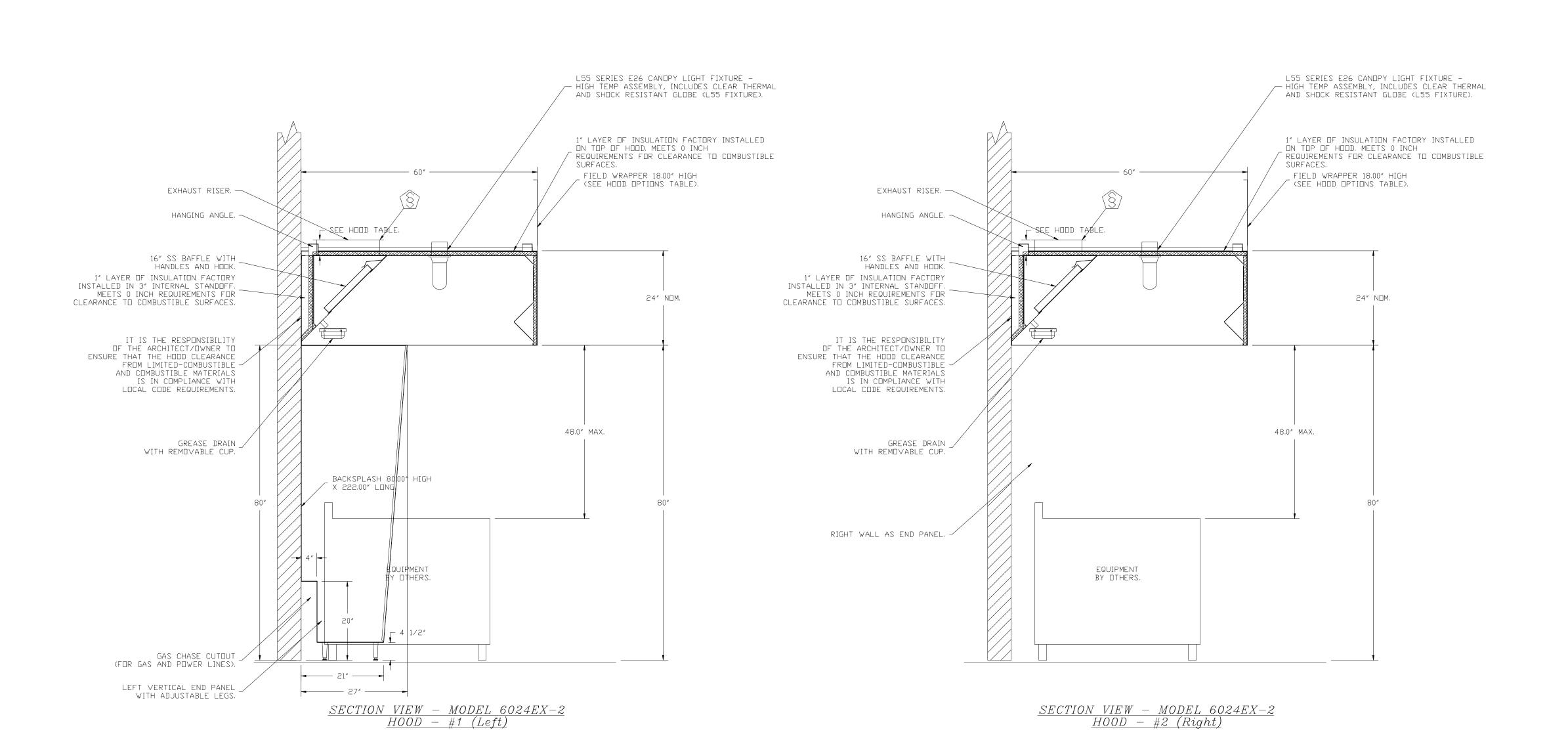
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Date: 03/01/2024 ISSUE FOR CONSTRUCTION

Drawing Name

**FOODSERVICE EQUIPMENT HOOD DETAIL 1** 

**Sheet Number** 



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Project #: 2023-0050

03/01/2024

Drawing Name

**FOODSERVICE** 

**EQUIPMENT** 

**HOOD DETAIL 2** 

Sheet Number

ISSUE FOR

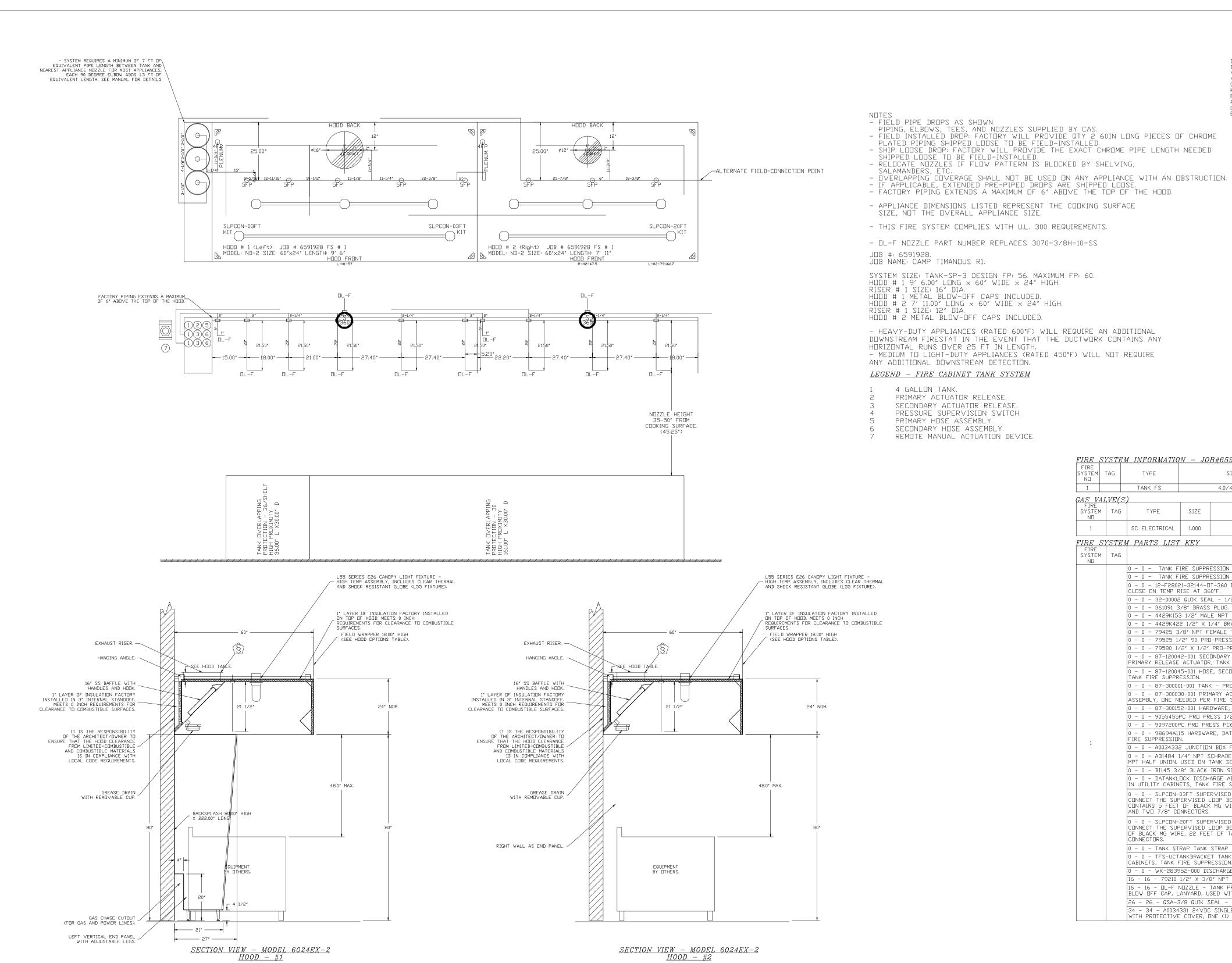
CONSTRUCTION

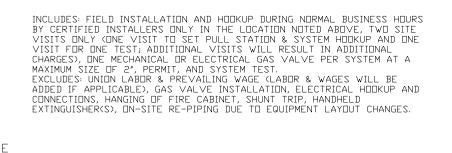
Drawn By:

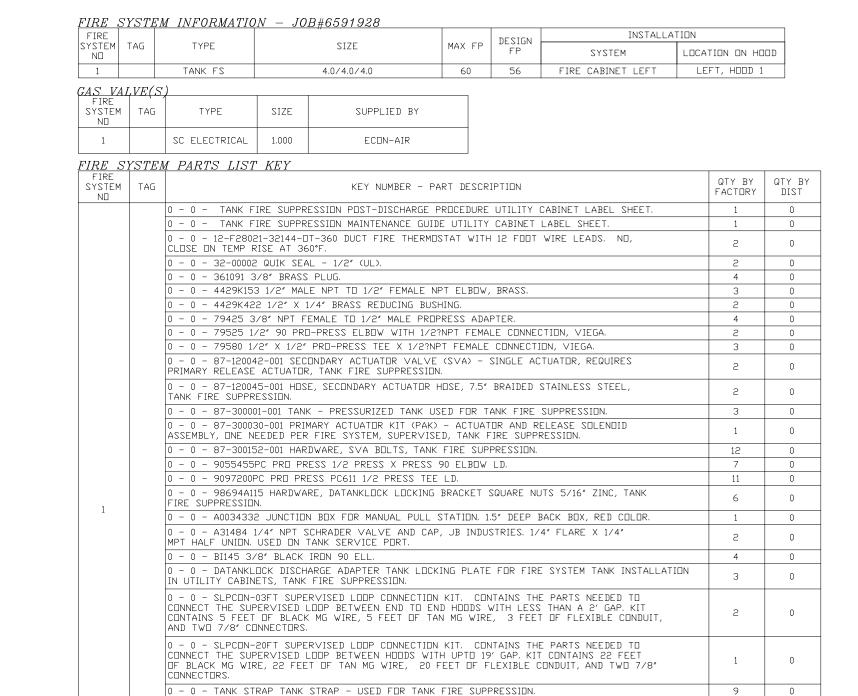
Date:

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0 - 0 - TFS-UCTANKBRACKET TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.

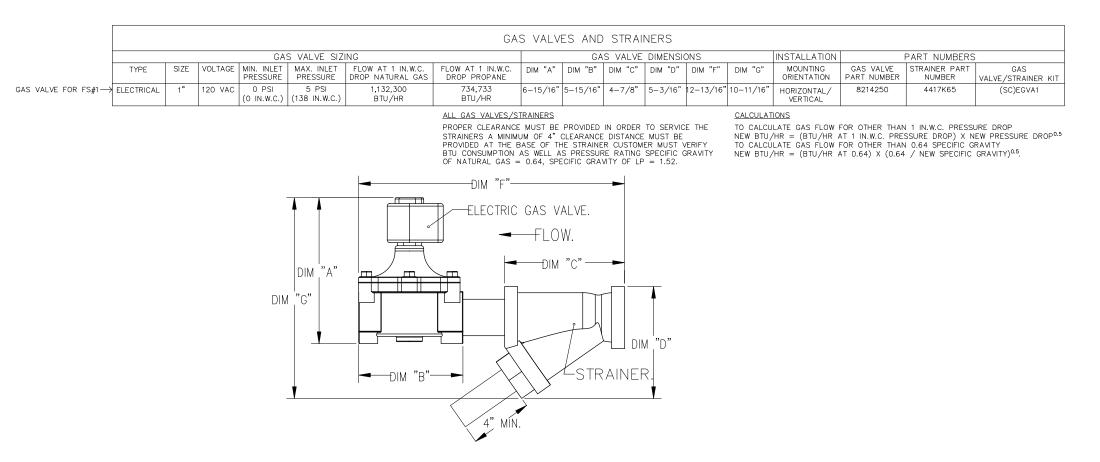
16 - 16 - OL-F NOZZLE - TANK PROTECTION APPLIANCE COVERAGE NOZZLE (INCLUDES METAL BLOW OFF CAP, LANYARD, USED WITH CHROME-PLATED PIPE).

34 - 34 - A0034331 24VDC SINGLE ACTION MANUAL ACTUATION DEVICE (PUSH/PULL STATION) WITH PROTECTIVE COVER, DNE (1) NORMALLY OPEN CONTACT. RED COLOR.

0 - 0 - WK-283952-000 DISCHARGE ADAPTER, TANK FIRE SUPPRESSION.

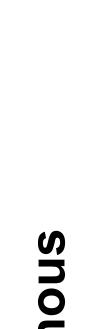
6 - 16 - 79210 1/2" X 3/8" NPT MALE ADAPTER, VIEGA.

26 - 26 - QSA-3/8 QUIK SEAL - 3/8" (UL).



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Drawn By:

Date: 03/01/2024 ISSUE FOR

Drawing Name

CONSTRUCTION

**FOODSERVICE EQUIPMENT** HOOD DETAIL 3

**Sheet Number** 

<u>Ľ.</u>	$\Lambda IIH$	IUDI	I HIV	INTONMATION - JOD#00	31320												
L	- AN JNIT ND	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	ВНР	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
	1	LEFT	1	EADU180H	ECON-AIR	2375	0.750	948	DDP,PREMIUM	1,500	0.6650	3	230	6.0	548 FPM	183	10.1
	2	RIGHT	1	EADU85H	ECON-AIR	1465	0.750	1127	TEAD-ECM	0.750	0.2810	1	115	8.9	464 FPM	96	8.1

FAN OPTIONS

<i>I</i>	OI IIOI	V N	
FAN UNIT NO	TAG	QTY	DESCRIPTION
		1	GREASE BOX
1	LEFT	1	UPBLAST FAN WHEEL ACCESS PORT
1		1	FAN BASE CERAMIC SEAL - SHIP LOOSE - FOR GREASE DUCTS
		1	2 YEAR PARTS WARRANTY
		1	GREASE BOX
		1	UPBLAST FAN WHEEL ACCESS PORT
2	RIGHT	1	FAN BASE CERAMIC SEAL - SHIP LOOSE - FOR GREASE DUCTS
		1	ECM WIRING PACKAGE - PWM SIGNAL FROM ECPMO3 PREWIRE (TELCO MOTOR), CCW ROTATION
		1	2 YEAR PARTS WARRANTY

FAN ACCESSORIES

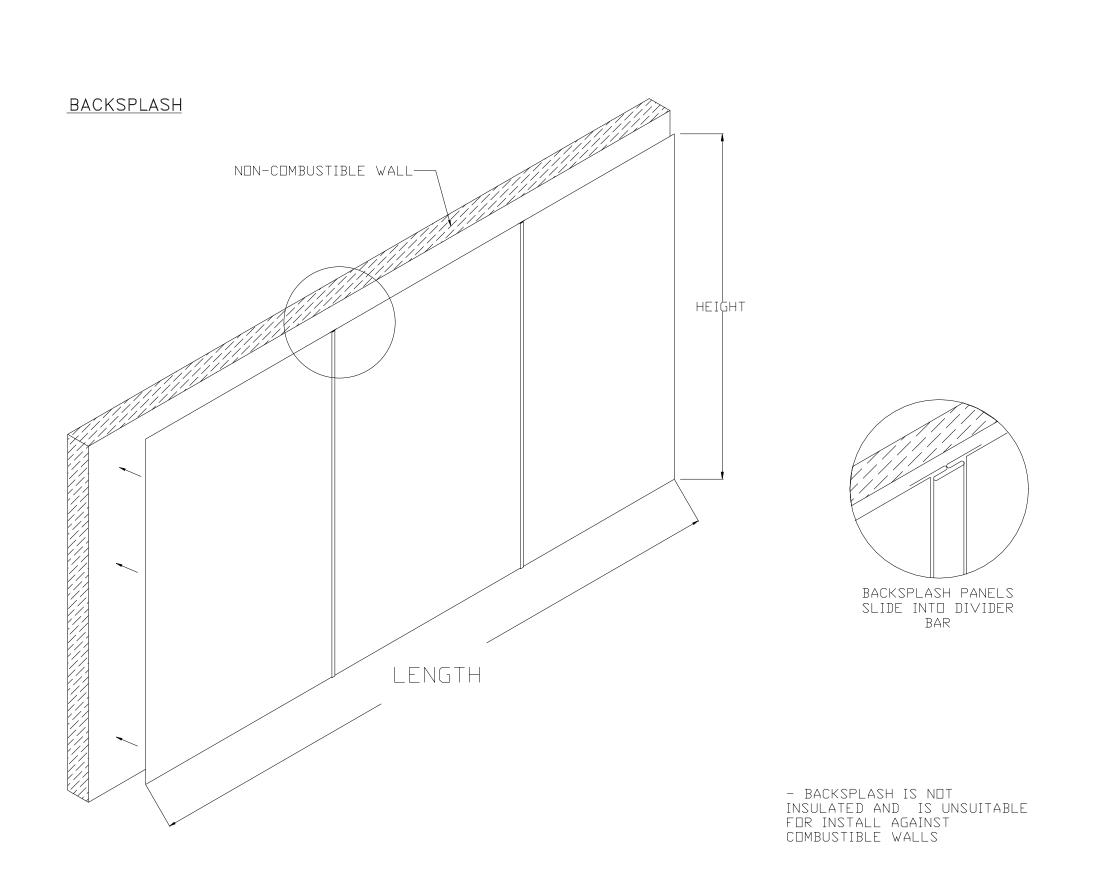
<u> </u>		$\sim c_{\perp \downarrow \perp \perp \perp}$	_								
FAN UNIT	TAG		EXHAUST	SUPPLY							
ND	TAG	GREASE CUP	GRAVITY DAMPER	SIDE DISCHARGE		MOTORIZED DAMPER	WALL MOUNT				
1	LEFT	YES									
2	RIGHT	YES									

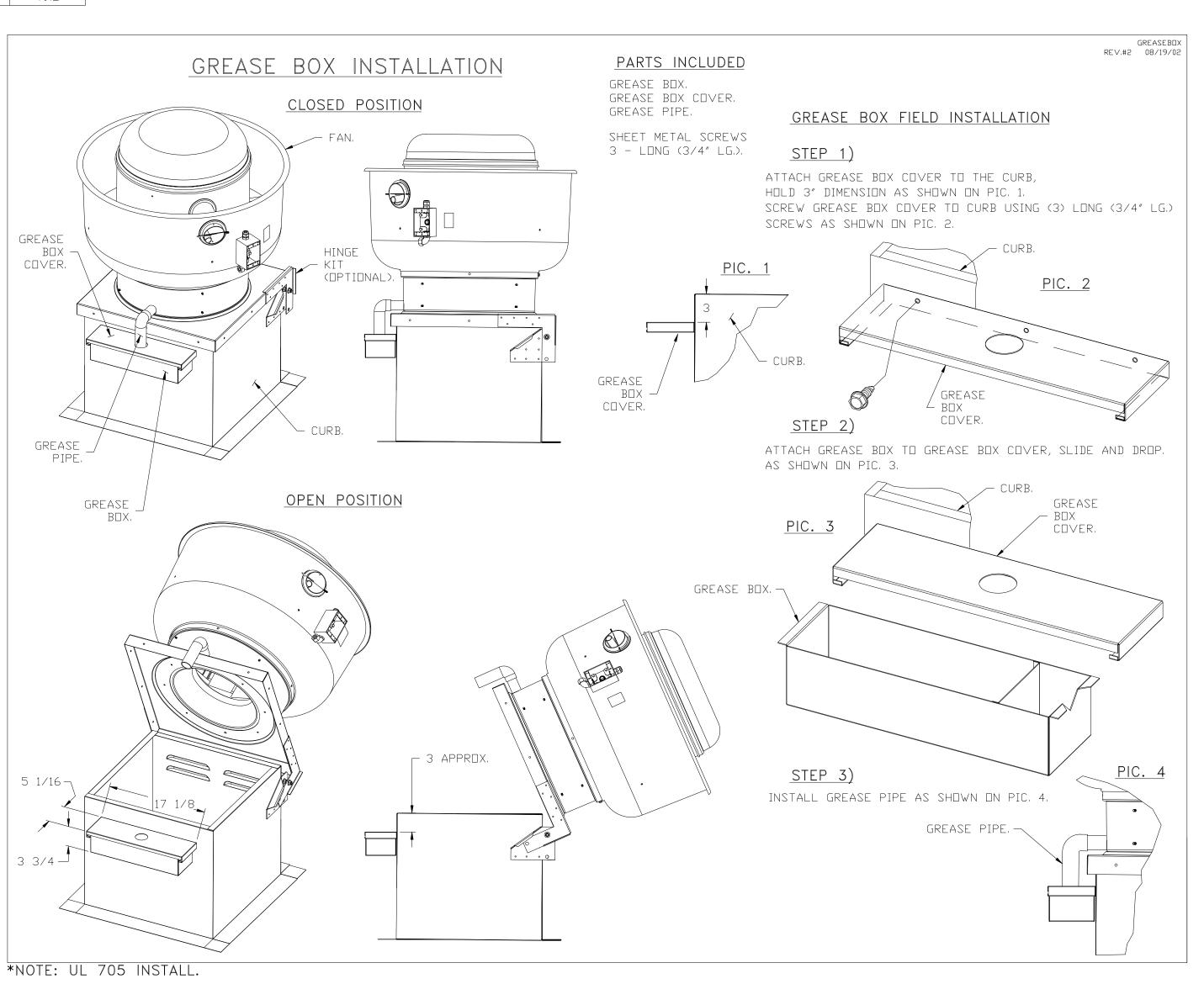
CURB ASSEMBLIES

ND	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	LEFT	52 LBS	CURB	26.500"W X 26.500"L X 24.000"H 3.000;12.000 PITCH ALDNG LENGTH, RIGHT VENTED HINGED.
2	# 2	RIGHT	41 LBS	CURB	23.000"W X 23.000"L X 24.000"H 3.000:12.000 PITCH ALONG LENGTH, RIGHT VENTED HINGED.

FAN SOUND DATA

FAN UNIT	TAG	MOTOR -	SOUND DATA				OCTAVE BAND SOUND DATA										
ND	I AG		LWA	SONES @ 5 FT	DBA @ 5 FT	DISTANCE (FT)	63 HZ	125 HZ	250 HZ	500 HZ	1 KHZ	2 KHZ	4 KHZ	8 KHZ			
1	LEFT	EXHAUST	72.9	10.1396764313452	61.4	5	74.1	83.3	75.2	67.7	65.5	63.1	56.1	49.6			
2	RIGHT	EXHAUST	69.6	8.06541105212925	58.1	5	71.3	73.3	72.2	66.2	63,6	60.6	55.3	49.2			







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Drawn By: *TJM* 

ate: 03/01/2024

tus: ISSUE FOR CONSTRUCTION

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FOODSERVICE EQUIPMENT HOOD DETAIL 4

**Sheet Number** 

FS-S

— 37 3/8*"* —— 33 3/4" 22 5/8″ - GREASE DRAIN. 16 1/2" DUCTWORK BETWEEN - FOR GREASE DUCTS.

- EXHAUST RISER ON HOOD - 2 YEAR PARTS WARRANTY. AND FAN (BY OTHERS),

<u>FEATURES:</u>

- ROOF MOUNTED FANS.

- UL705 AND UL762 AND ULC-S645 - VARIABLE SPEED CONTROL.

- HIGH HEAT OPERATION 300°F (149°C). - GREASE CLASSIFICATION TESTING. - NEMA 3R SAFETY DISCONNECT SWITCH.

EXHAUST FAN MUST OPERATE CONTINUOUSLY

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS

DAMAGED TO ANY EXTENT THAT COULD CAUSE

- GREASE BOX. - UPBLAST FAN WHEEL ACCESS PORT. - FAN BASE CERAMIC SEAL - SHIP LOOSE

WHILE EXHAUSTING AIR AT 300°F (149°C)

UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH

WOULD CAUSE UNSAFE OPERATION.

AT 600°F (316°C) FOR A PERIOD OF

15 MINUTES WITHOUT THE FAN BECOMING

NORMAL TEMPERATURE TEST

<u>abnormal flare-up test</u>

AN UNSAFE CONDITION.

MINIMUM

CLEARANCE

COMBUSTIBLES.

- RESTAURANT MODEL.

- INTERNAL WIRING.

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).

- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).

<u> FAN #1 EADU180H - EXHAUST FAN (LEFT)</u>

MINIMUM

COMBUSTIBLES.

TOP VIEW

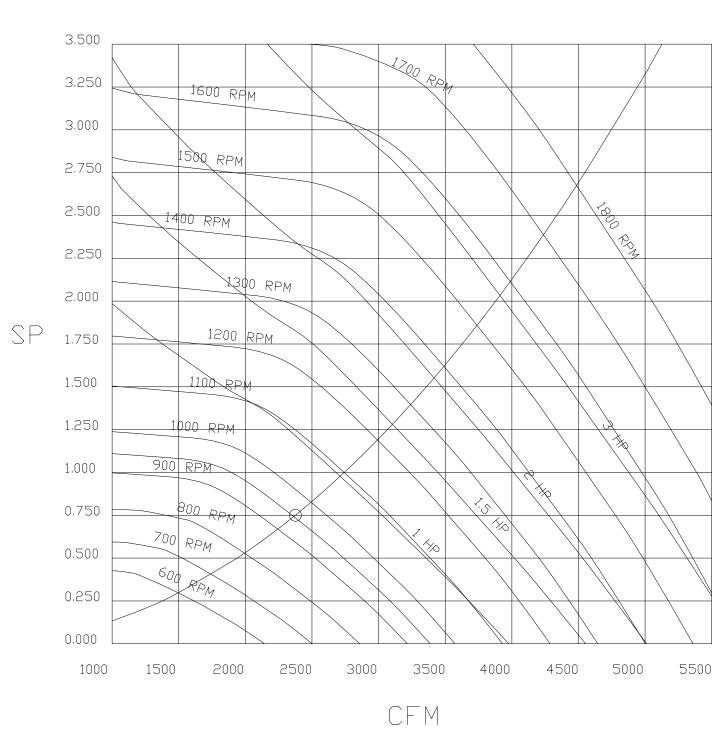
- CLEARANCE

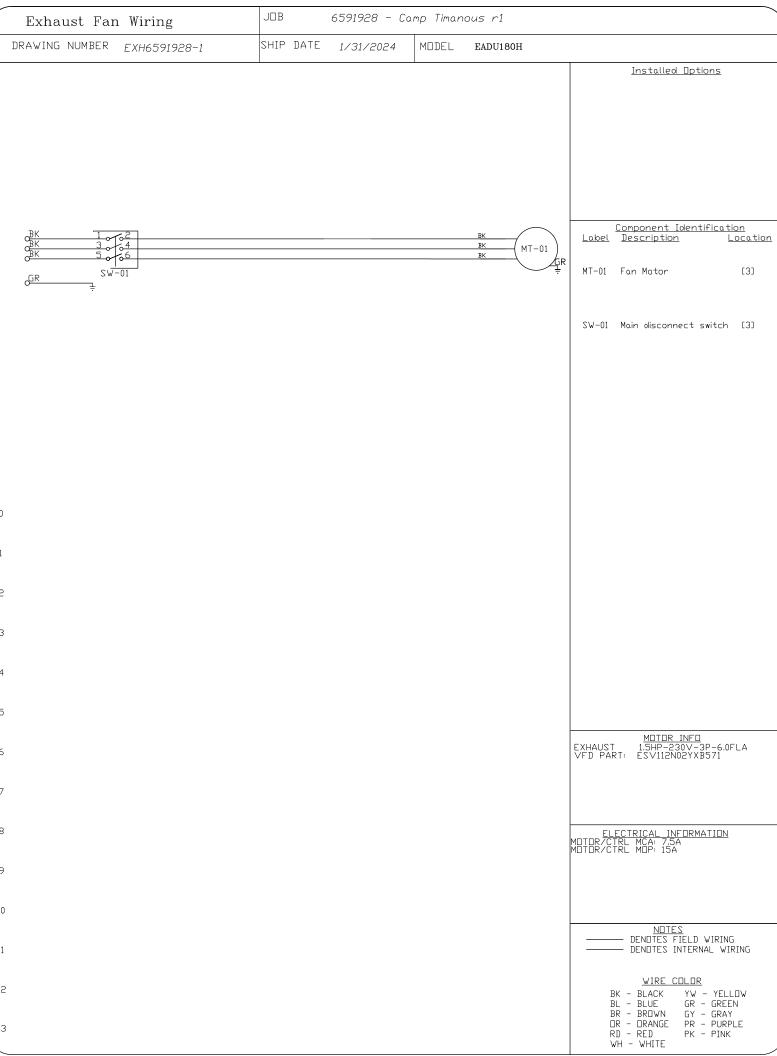
STEEL Construction, - ROOF OPENING 26" DIMENSIONS.

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FAN#1 (LEFT) — EXHAUST PERFORMANCE CURVES.

2375 CFM, 0.75 SP @ 948 RPM AND 0.665 BHP AT 309 FEET AND 70 DEG F. \* Please note that these curves were adjusted for job specific temperature and altitude.







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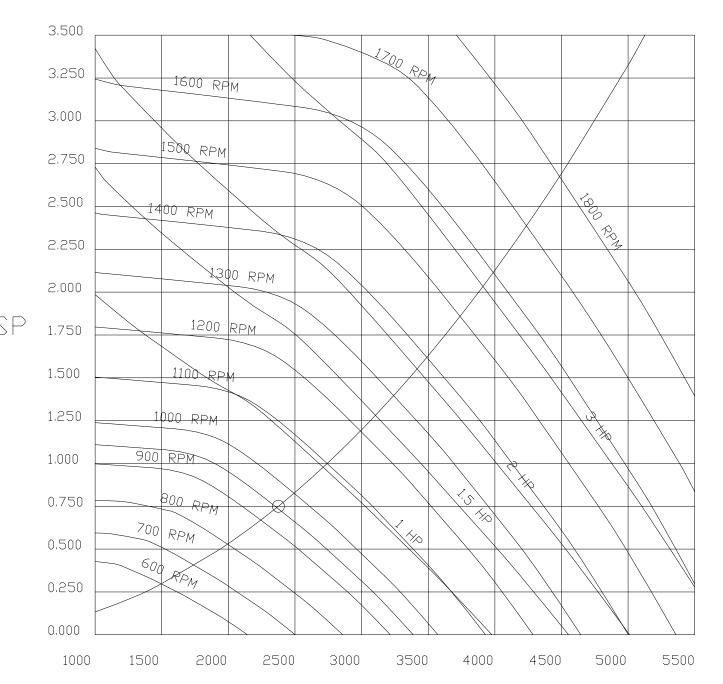
**Drawing Name** 

**FOODSERVICE EQUIPMENT** HOOD DETAIL 5

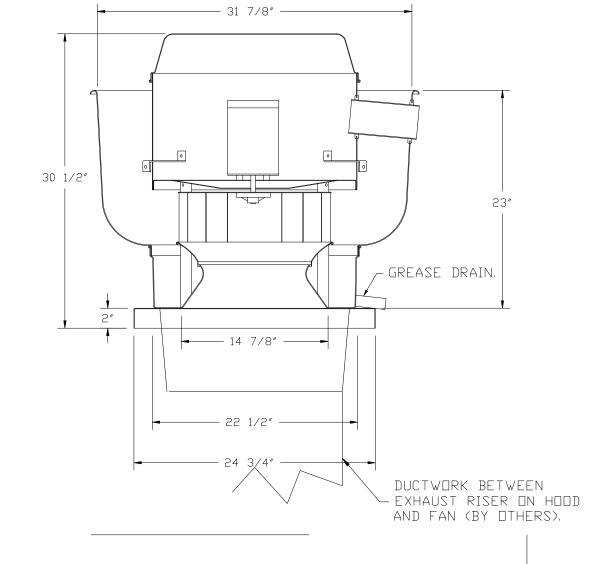
Sheet Number

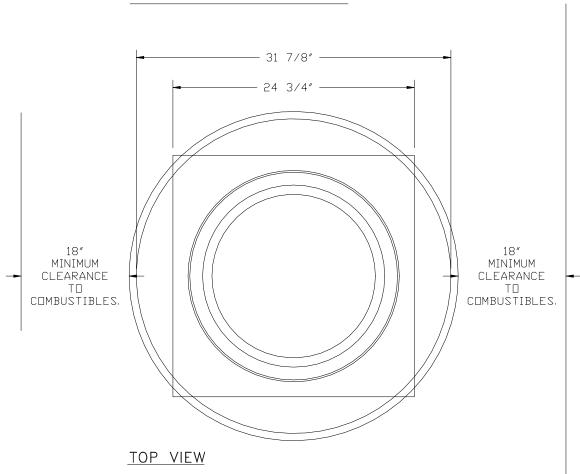
Scale:

PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS. SPECIFY PITCH: EXAMPLE: 7/12 PITCH = 30° SLOPE.



### <u>FAN #2 EADU85H - EXHAUST FAN (RIGHT)</u>



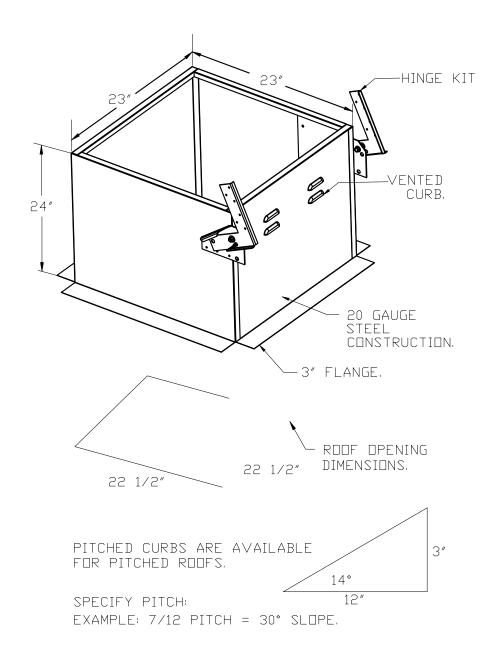


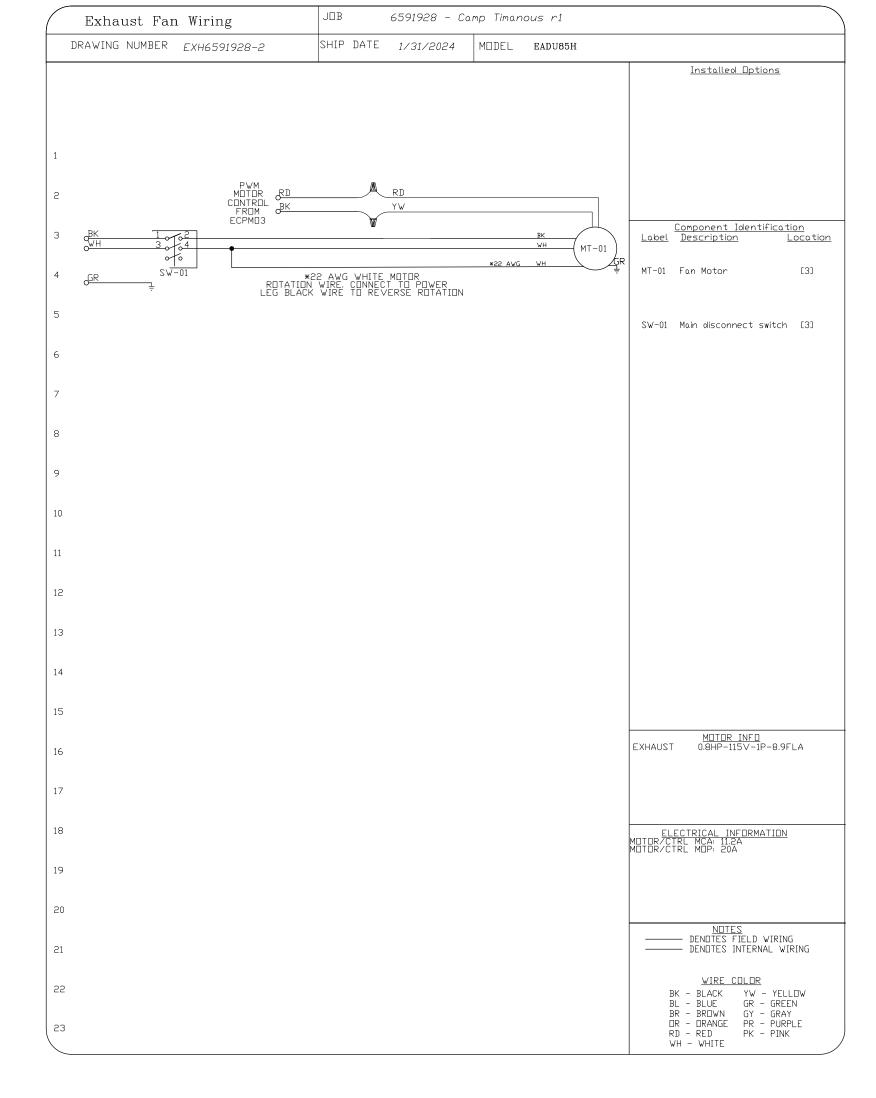
### FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS. - RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645 - VARIABLE SPEED CONTROL.
- INTERNAL WIRING. - THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C). - GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.
- NORMAL TEMPERATURE TEST EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.
- ABNORMAL FLARE-UP TEST EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

### <u>OPTIONS</u>

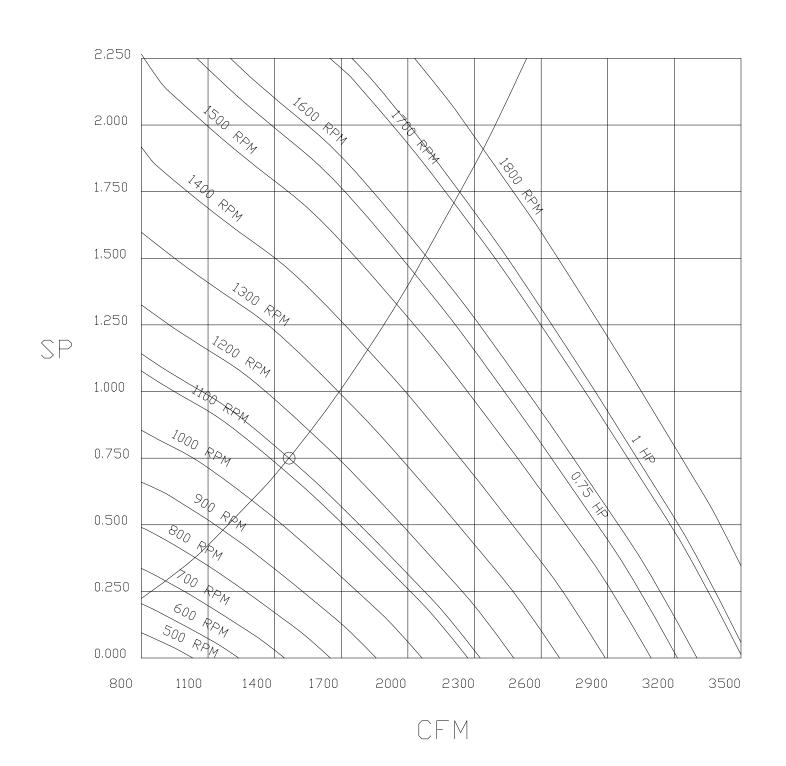
- GREASE BOX.
   UPBLAST FAN WHEEL ACCESS PORT.
   FAN BASE CERAMIC SEAL SHIP LOOSE
   FOR GREASE DUCTS.
   ECM WIRING PACKAGE PWM SIGNAL
  FROM ECPMO3 PREWIRE (TELCO MOTOR), CCW ROTATION. - 2 YEAR PARTS WARRANTY.





### FAN#2 (RIGHT) - EXHAUST PERFORMANCE CURVES.

1465 CFM, 0.75 SP @ 1127 RPM AND 0.281 BHP AT 309 FEET AND 70 DEG F.  $\star$  please note that these curves were adjusted for job specific temperature and altitude.



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**Drawing Name** 

**FOODSERVICE EQUIPMENT** HOOD DETAIL 6

Sheet Number

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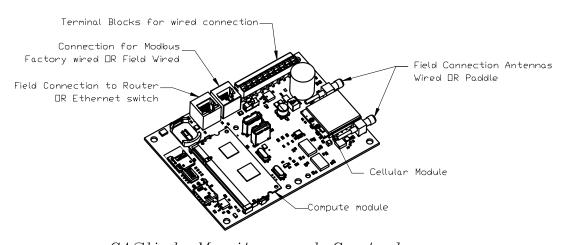
Management.

Fans Button

Lights Button

Wash Button

NO	ND TAG	PACKAGE #	LOCATION	SWITCH	HES	   OPTION	FANS CONTROLLED						
				LOCATION	QUANTITY		FAN TAG	TYPE	ф	HP '	VOLT	FLA	
1	1	SC-320110MA	UTILITY CABINET LEFT	UTILITY CABINET LEFT	1 LIGHT	SMART CONTROLS THERMOSTATIC CONTROL	Left	EXHAUST	3	1.500	230	6.0	
		SC SCUTIONA	JIILIIY CABINET LEFT -	H00D # 1	1 FAN	W/ RELAY ON/OFF WITH SUPPLY	Right	EXHAUST	1	0.750	115	8.9	



### <u>CASlink Monitor and Control</u>

Hood control panel to support communications to cloud-based Building Management System.
 Hood Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined as MONITOR in the points list.
 Hood Control Panel to allow cloud-based Building Management System to control parameters outlined as CONTROL in the points list.
 Hood Control Panel to allow cloud-based Building Management System to implement SYSTEM ECONOMIZER control strategies for fully integrated Building

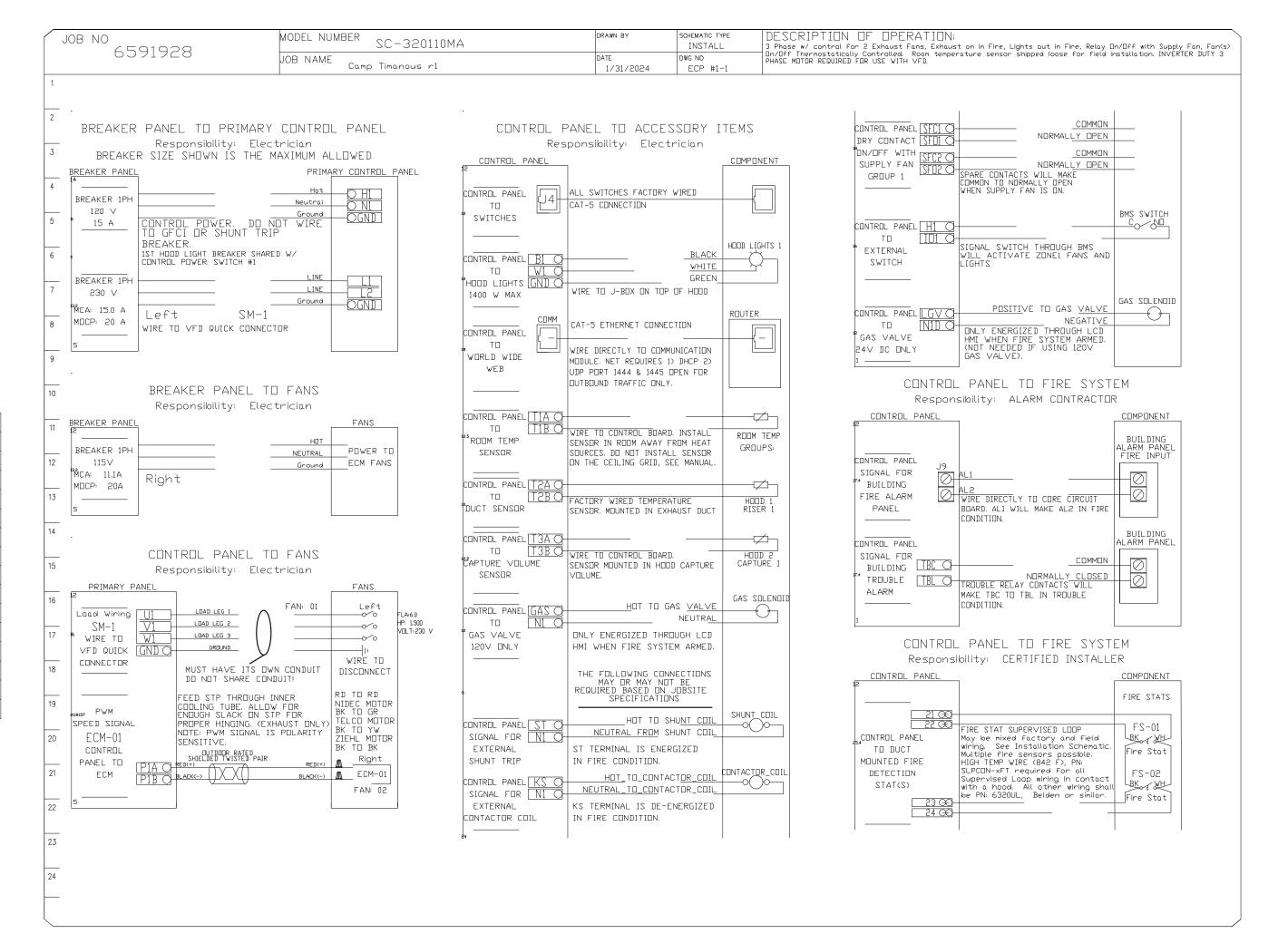
### MONITORING AND CONTROL POINTS LIST

CV Packages	Function	SC Packages	Function
Coom Temperature	MONITOR	Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR	Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR	MUA DIscharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR	Kitchen RTU Discharge Temperature	MONITOR
Fan Speed	MONITOR	Controller Faults	MONITOR
Fan Amperage	MONITOR	Fan Faults	MONITOR
Fan Power	MONITOR	Fan Status	MONITOR
VFD Faults	MONITOR	PCU Faults	MONITOR
Controller Faults	MONITOR	PCU Filter Clog Percentages	MONITOR
Fan Faults	MONITOR	Fire Condition	MONITOR
Fan Status	MONITOR	CORE Fire System	MONITOR
PCU Faults	MONITOR	Building Pressures	MONITOR
PCU Filter Clog Percentages	MONITOR	Fans Button(s)	MONITOR & CONTRO
Fire Condition	MONITOR	Lights Button(s)	MONITOR & CONTRO
CORE Fire System	MONITOR	Wash Button	MONITOR & CONTRO
Building Pressures	MONITOR		1
Prep Time Button	MONITOR & CONTROL		

MONITOR & CONTROL

MONITOR & CONTROL

MONITOR & CONTROL



### SYSTEM DESIGN VERIFICATION (SDV)

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE

ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE, THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS

RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER, SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

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Project #: 2023-0050

Drawn By:

Date: 03/01/2024

ISSUE FOR

TJM

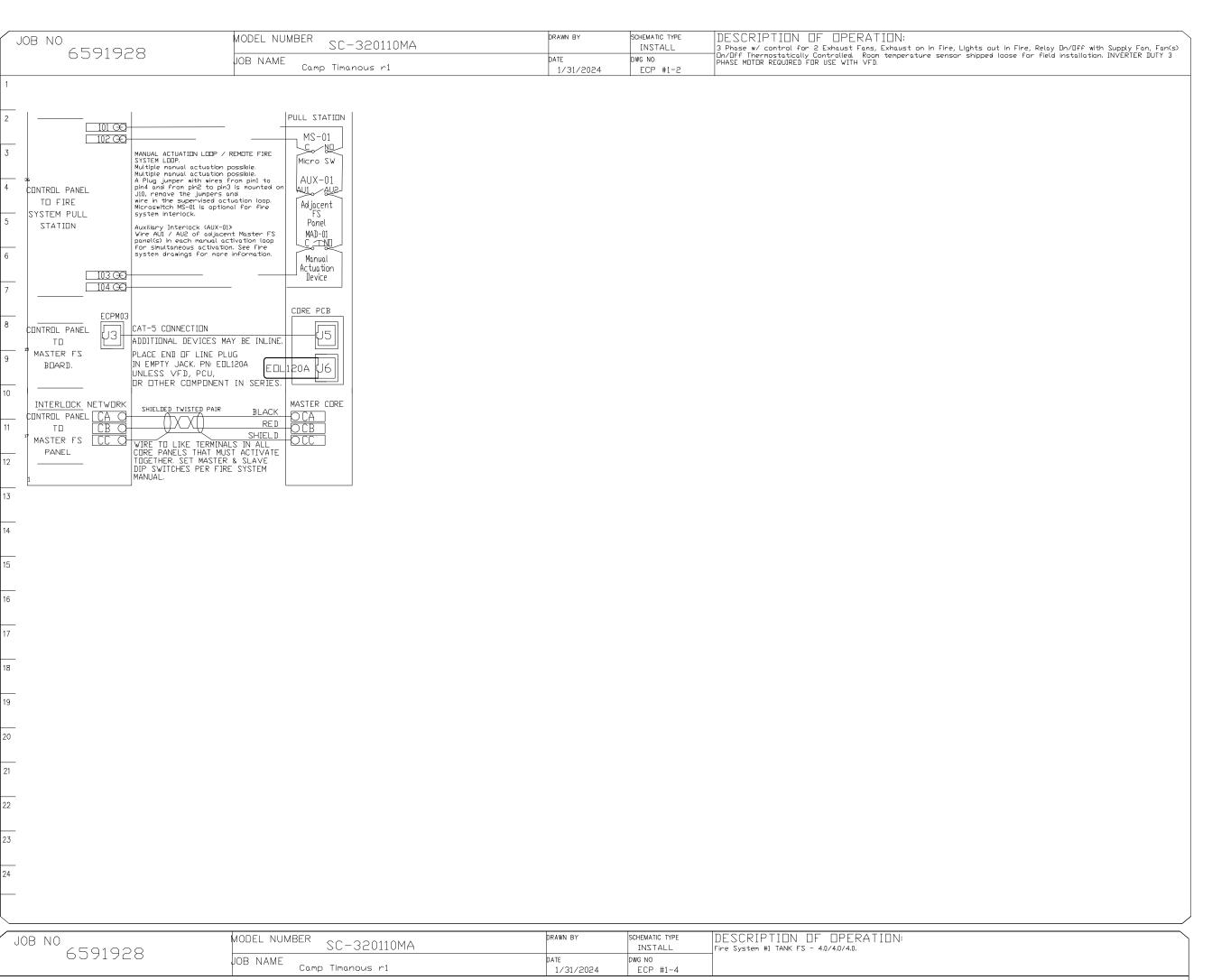
CONSTRUCTION

Drawing Name

FOODSERVICE EQUIPMENT HOOD DETAIL 7

Sheet Number

FS-12



ALARM CONTRACTOR REQUIREMENT

VOLTAGE

24 VDC

N/A

24 VDC

MAX 120 VAC

SIGNAL

EXHAUST HOOD

RS-485 COMMUNICATIONS SIGNAL

UP TO 1 AMP

<1.0 AMPS

MANUAL ACTUATION DEVICE 10 TO 20

IDD LOCATED

OF EGRESS FROM HOOD

42 TO 48 INCHES
ABOVE FLOOR
LEVEL TO

CENTER OF PUSH

STATION

10/01/2023 Rev. 3

FS-1: MASTER

-2 WIRES + SHIELD -USE BELDEN#88760 OR SIMILAR WIRE -SEE FIGURE 3

CONTROL COMMUNICATIONS CABLE

-CATS CABLE

MUST BE INSTALLED TO A LOCAL AREA

NETWORK WITH VALID INTERNET ACCESS

VIA ETHERNET SWITCH OR WIRELESS

ROUTER

MANUAL ACTUATION DEVICE WIRES

-4 WIRES, 24VDC WIRE (TERMINAL 1)
BETWEEN 102 AND 103

-WIRE (TERMINAL 2) BETWEEN 101 AND 104

-ADDITIONAL PULL STATIONS WIRED IN
SUPERVISED LOOP

-USE BELDEN #6320UL OR SIMILAR WIRE

-SEE FIGURE 1A

MANUAL ACTUATION DEVICE
PART #SS2031ZA-EN
PROTECTIVE COVER MUST BE INSTALLED

CORE\_COMMUNICATIONS CABLE

WIRE MANUAL ACTUATION DEVICE TERMINAL 1 BETWEEN CORE PANEL TERMINALS 102 AND 103

VIRE MANUAL ACTUATION DEVICE TERMINAL 2 BETWEEN CORE PANEL TERMINALS 101 AND 104

JUMPER 101 TO 104 AND 102 TO 103 IF NO MANUAL ACTUATION DEVICE IS INSTALLED

N/A

MANUAL ACTUATION DEVICE COVER MUST BE INSTALLED

IF SURFACE MOUNTED, USE COVER EXTENSION STI-6531B

WIRE FIRE SENSOR WHITE WIRES BETWEEN HOOD CORE PANEL TERMINALS 22 AND 23

WIRE FIRE SENSOR BLACK WIRE BETWEEN HOOD CORE PANEL TERMINALS 21 AND 24

HIGH TEMP (842°F) #441601C6,FE9 (WHT) & #441601C6,FE0 (BLK)WIRE OR SIMILAR ONLY IF RAN

OF HOOD; OTHERWISE BELDEN #6320UL OR SIMILAR PLENUM RATED WIRE; SEE FIGURE 1

FIRE ALARM RELAY CONTACTS FOR BUILDING FIRE ALARM LOCATED IN THE

CORE ELECTRICAL CONTROL PANEL

--FIRE ALARM PANEL

CORE SYSTEM (1) CA, TO CORE SYSTEM (2) CA. CORE SYSTEM (1) CB, TO CORE SYSTEM (2) CB. CORE SYSTEM (1) CC, TO CORE SYSTEM (2) CC. USE BELDEN# 88760 OR SIMILAR WIRE

WIRE TO TBL & TBC NORMALLY OPEN CONTACT, CLOSES IN TROUBLE CONDITION

TYPICAL CONNECTION CATS CABLE TO LOCAL AREA NETWORK VIA ETHERNET SWITCH OR WIRELESS ROUTER WITH VALID INTERNET CONNECTION

TANK PROTECTION LOW-VOLTAGE DETAIL

ITEM

MANUAL ACTUATION DEVICE(S)

MANUAL ACTUATION DEVICE COVER

REMOTE FIRESTAT SENSOR(S)

FIRE ALARM CONTACT

CORE INTERLOCK(S)

TROUBLE CONTACT

CORE COMMUNICATIONS CABLE

FIRE ALARM CONTACT
-2 WIRES WIRED TO NORMALLY
OPEN CONTACTS (CLOSES IN
FIRE CONDITION)
-CORE CONTROL PANEL AL1
AND AL2
-SEE FIGURE 2

TROUBLE CONTACT
-2 WIRES TO NORMALLY
OPEN CONTACTS (CLOSE
IN TROUBLE CONDITION)
-CORE PANEL TERMINALS
TBL AND TBC
-SEE FIGURE 4

SUPERVISED LOOP

-4 WIRES, 24VDC CONNECT BLACK
WIRES BETWEEN 21 AND 24 IN PANEL,
CONNECT WHITE (OR RED) WIRES
BETWEEN 22 AND 23 IN PANEL

-ADDITIONAL FIRESTATS, WIRED IN
SUPERVISED LOOP

-USE HIGH TEMP (842°F)
#441601C6.FE9 (WHT) &
#441601C6.FE9 (WHT) &
#441601C6.FE9 (BLK)WIRE ONLY IF
RAN OVER TOP OF HOOD;
OTHERWISE BELDEN #6320UL OR
SIMILAR PLENUM RATED WIRE

-SEE FIGURE 1

36 INCHES CLEARANCE REQUIRED IN FRONT OF ALL UTILITY CABINET DOORS THE PANEL SHALL ALSO BE LOCATED IN AN ACCESSIBLE AREA WHERE THE AUDIBLE AND VISUAL ALARMS CAN BE HEARD AND SEEN

ATTENTION: LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES

NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

ALARM CONTRACTOR:
1. WIRE MANUAL ACTUATION DEVICE(S), REMOTE FIRESTAT(S), CORE INTERLOCK(S), FIRE SENSOR(S) AND FIRE ALARM CONTACTS
2. COMPLETE FINAL HOOKUP OF SYSTEM
3. VERIFY FINAL FIRE SYSTEM TEST

CONNECTION ON DEVICE

1 & 2

N/A

BLACK AND WHITE

VARIES

CA, CB, CC

VARIES

INTERNET CONNECTION

ELECTRIC

CONNECTION IN PANEL

101 AND 104 102 AND 103

N/A

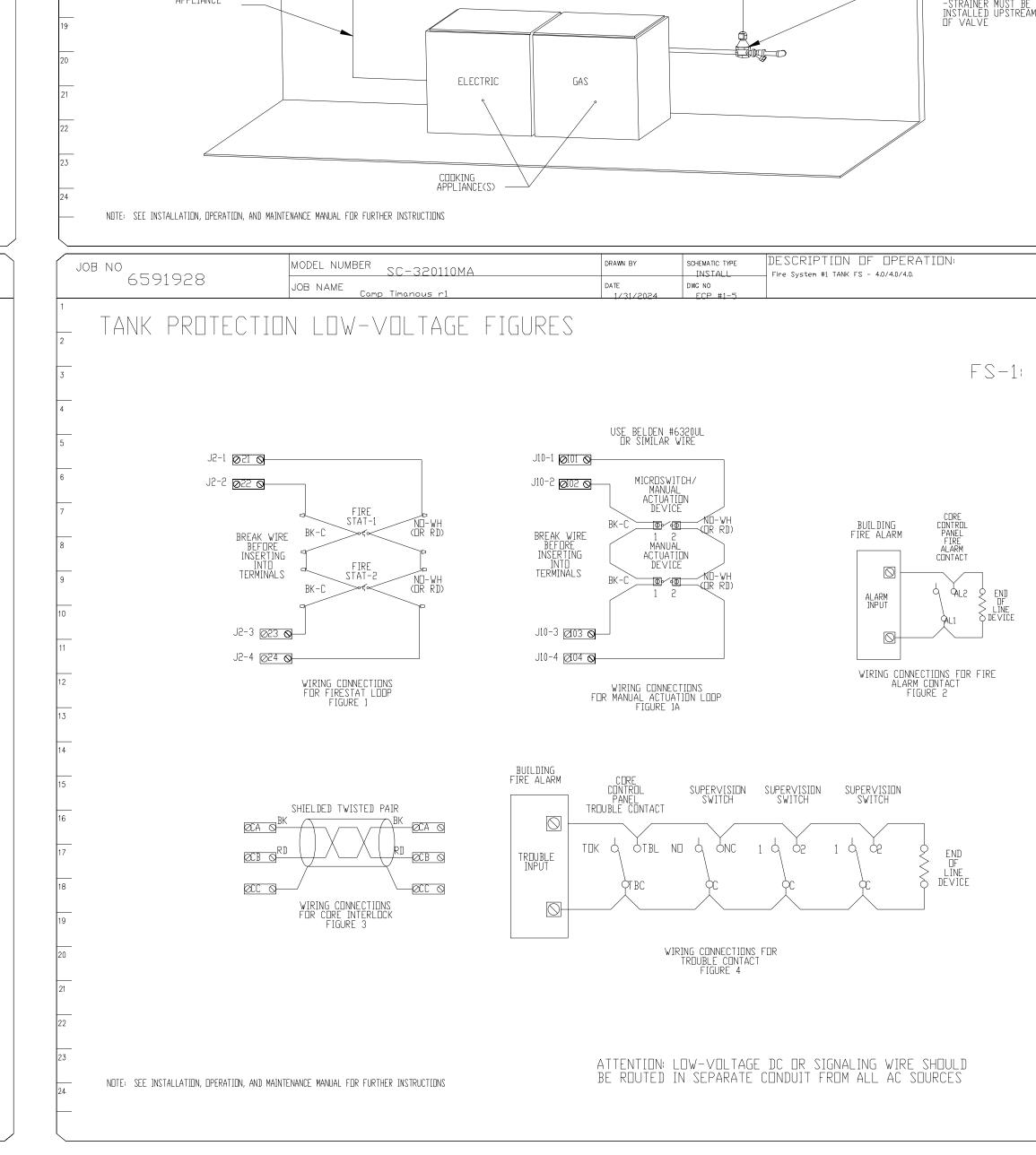
21 AND 24 22 AND 23

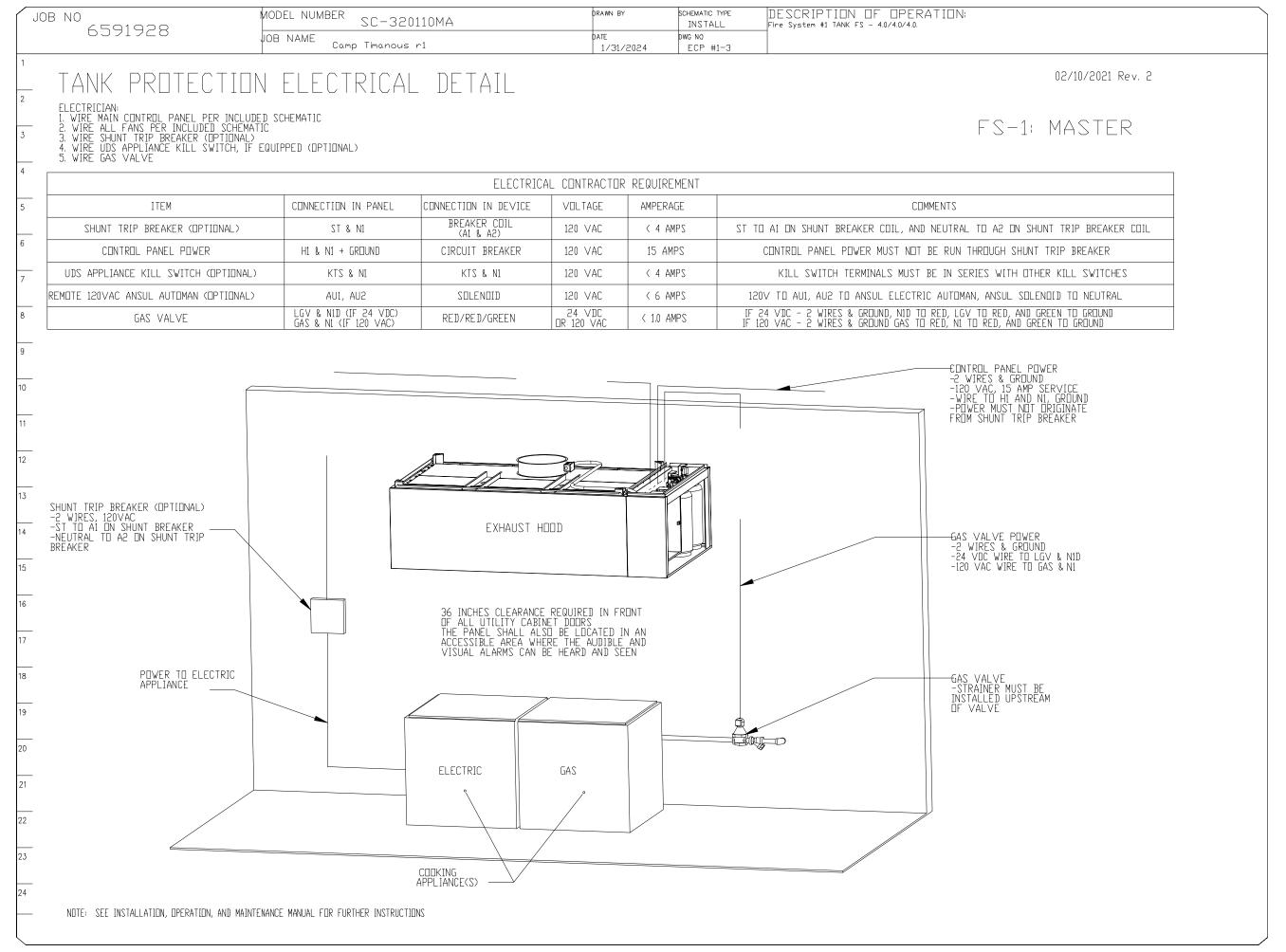
AL1, AL2

CA, CB, CC

TBC, TBL, TOK

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Date:

TJM Drawn By:

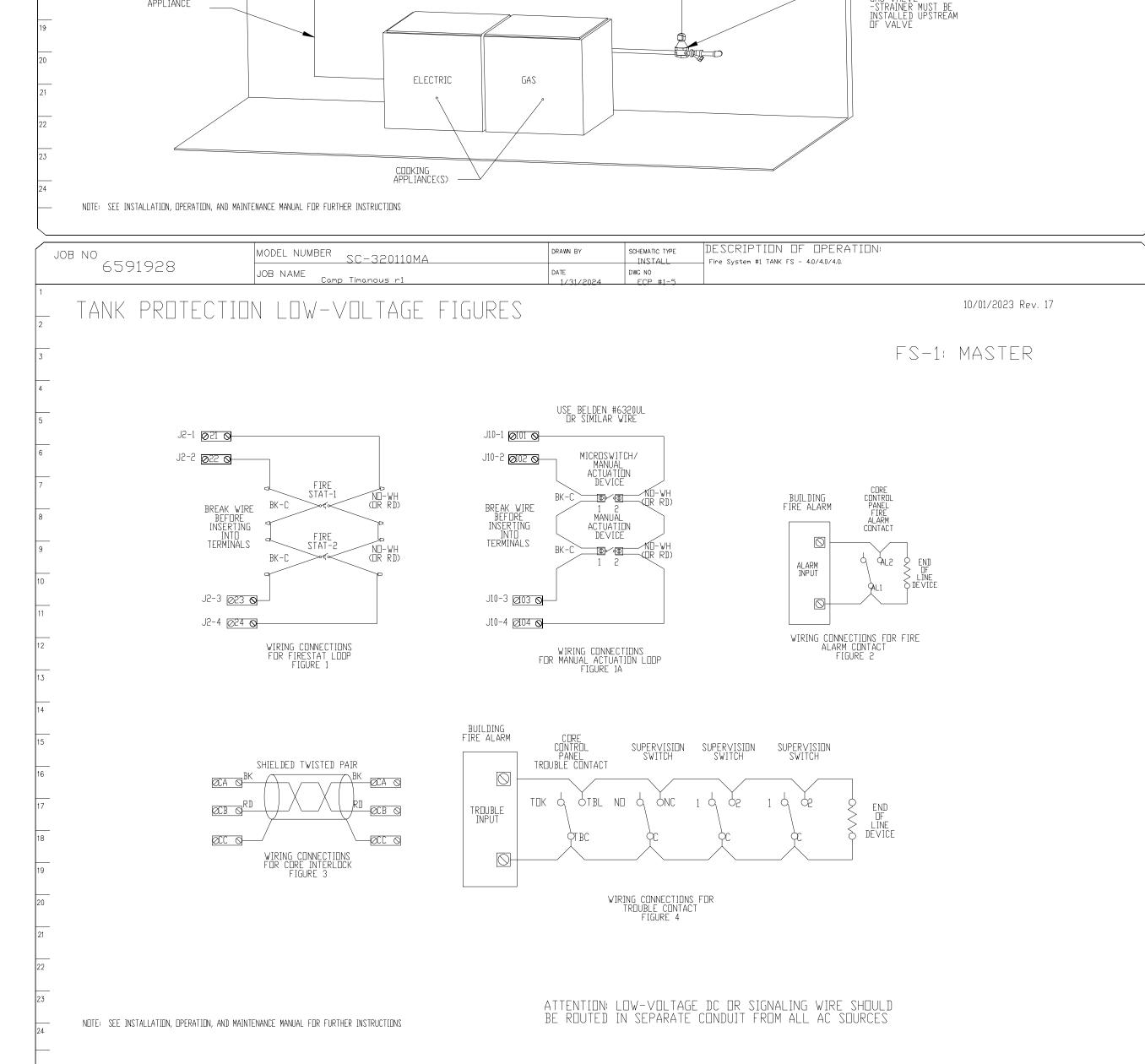
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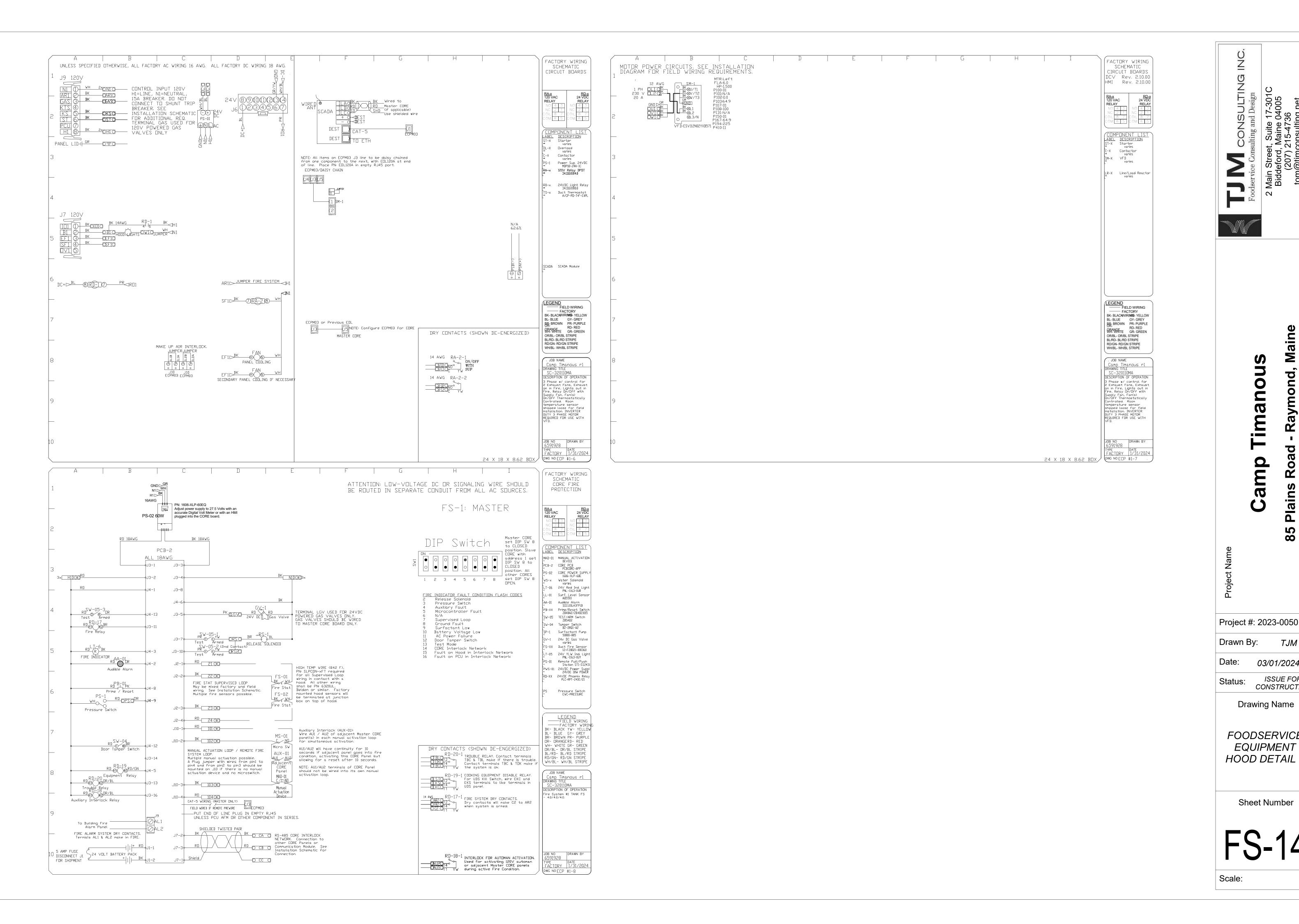
CONSTRUCTION

Drawing Name

**FOODSERVICE EQUIPMENT HOOD DETAIL 8** 

**Sheet Number** 





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TJM

03/01/2024

Drawing Name

**FOODSERVICE** 

**EQUIPMENT** 

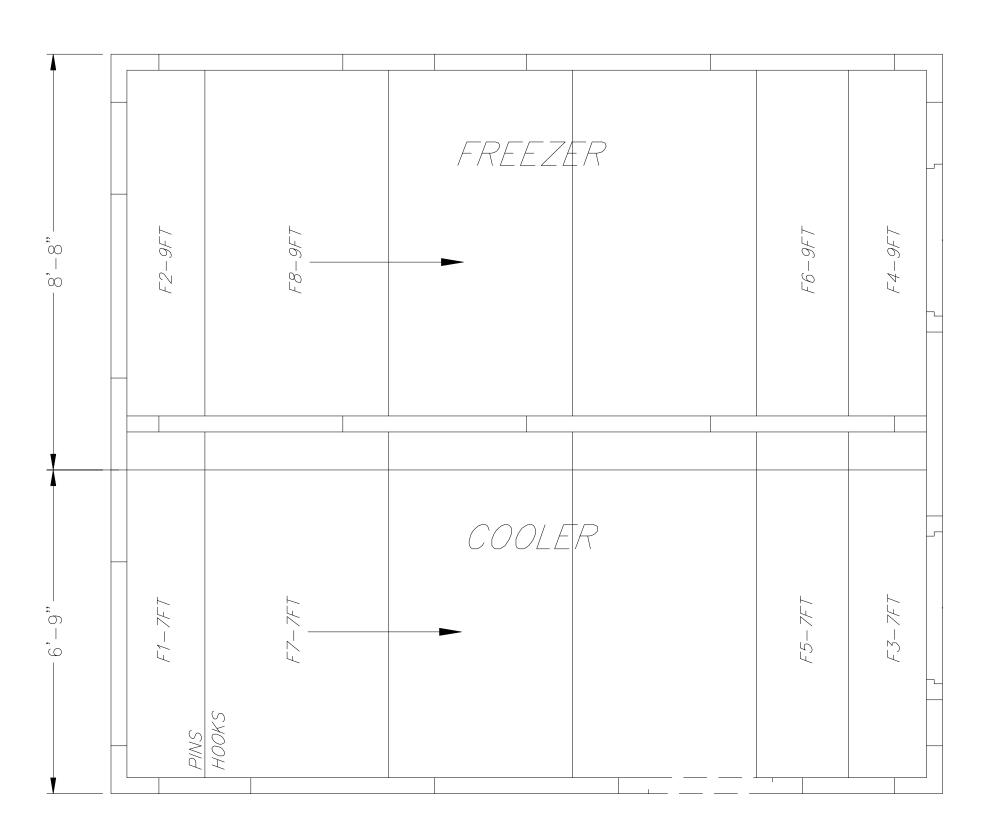
**HOOD DETAIL 9** 

**Sheet Number** 

ISSUE FOR

CONSTRUCTION





- FLOOR PANEL LAYOUT -

-1" CLEARANCE ON ALL FOUR SIDES. FILL IN WITH GROUT AFTER ERECTING WALK—IN.

- VERTICAL & CEILING PANEL LAYOUT -

SIGNED APPROVAL

PLEASE READ

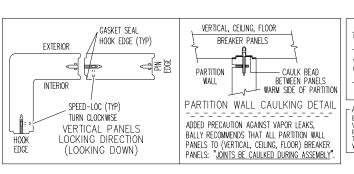
THIS DRAWING HAS BEEN CAREFULLY CHECKED BY OUR DRAFTING DEPARTMENT. HOWEVER, ERRORS OF INTERPRETATION CAN OCCUR. THEREFORE, BEFORE YOU RETURN DRAWING MARKED "APPROVED", BE CERTAIN THAT YOU CHECK THEM CAREFULLY.

NOTE — THIS ORDER WILL NOT BE SCHEDULED FOR PRODUCTION UNTIL RECEIPT OF APPROVED DRAWINGS BY BALLY.

SIGNED

\_11'-2 1/2"—

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



NOTE: BEARING SURFACE UNDER FLOOR PANELS MUST BE LEVEL AND DRY. BOTTOM OF PANELS

NOTE: IF MOISTURE IS PRESENT UNDER BUILDING FLOOR, A VAPOR BARRIER MUST BE APPLIED

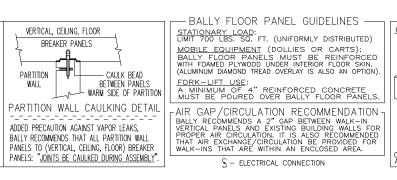
NOTE: THESE DRAWINGS ARE INTENDED TO SERVE AS GUIDE LINE DRAWINGS ONLY,
THEY ARE NOT INTENDED TO BE CONSTRUCTION DRAWINGS AS CONDITIONS MAY VARY WIDELY,
DIMENSIONAL AND MATERIAL DESIGN TO BE DETERMINED BY PROJECT CONSTRUCTION ENGINEER.

NOTE: BALLY TO FURNISH THE PREFAB SECTIONAL WALK—IN COOLER OR FREEZER ONLY (UNLESS OTHERWISE SPECIFIED). THIS INCLUDES WALLS AND CEILING PANELS.

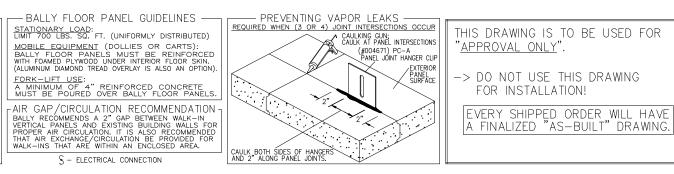
(IF APPLICABLE)

MUST HAVE AT LEAST 80% CONTACT WITH FLOORS.

BETWEEN BUILDING FLOOR AND PREFAB PANELS.



- STANDARD SCREED TYPE STEPPLATE - QUARRY TILE & SETTING BED — HEATER CHANNEL GROUTED IN PLACE - FLOOR PANEL



> DO NOT USE THIS DRAWING FOR INSTALLATION! EVERY SHIPPED ORDER WILL HAVE A FINALIZED "AS-BUILT" DRAWING.

RESTRICTED, CONFIDENTIAL DOCUMENT.

THIS DRAWING AND ALL INFORMATION SHOWN HEREON ARE THE EXCLUSIVE PROPERTY OF BALLY REFRIGERATED BOXES INC., AND ARE

SUBMITTED ONLY ON A CONFIDENTIAL BASIS.
THE RECIPIENT AGREES NOT TO REPRODUCE
THE DRAWING, TO RETURN IT UPON REQUEST,
AND THAT NO DISCLOSURE OF THE DRAWING

OR THE INFORMATION SHOWN HEREON WILL BE MADE TO A THIRD PARTY WITHOUT PRIOR

WRITTEN CONSENT FROM BALLY REFRIGERATED

BOXES INC.

TYP.

MIN

P2 (7.6 l')

### NOTE-AFINISHED FLOOR -2'-7" -3'-6/2"

REV

WRENCH HOLES

P1 (7.6")

NOTE-A

31" X 64"

**→** 31" → 3'-6 1/2" →

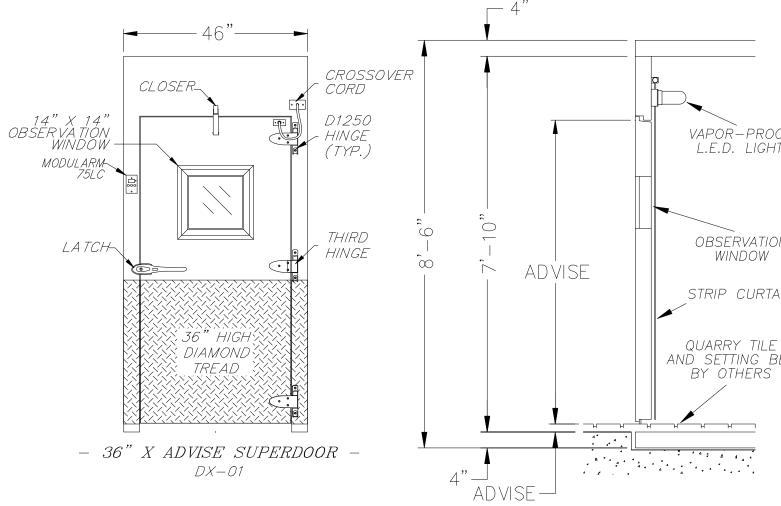
IMPORTANT - PLEASE READ

THE DRAWINGS AND SPECIFICATIONS DESCRIBE A BUILDING ASSEMBLED FROM BALLY PANELS INSULATED WITH URETHANE 'FOAMED—IN—PLACE'. THE SIZE AND SHAPE IS THAT WHICH MOST CLEARLY MEETS DIMENSIONS SUBMITTED BY THE USER. BALLY REFRIGERATED BOXES INC., PROVIDES PANELS FREQUENTLY SPECIFIED BY OTHERS, AND IS NOT RESPONSIBLE FOR THE SELECTION OR RECOMMENDATION BY OTHERS OF THE PANEL FINISH FOR ANY BUILDING OR WALK—IN APPLICATION.

DESCRIPTION

THEY HAVE BEEN PREPARED SOLELY FOR THE GUIDANCE OF REGISTERED ARCHITECTS AND ENGINEERS AND FOR THE ASSISTANCE OF LOCAL INSTALLERS. IT IS THE RESPONSIBILITY OF THE PROJECT ARCHITECT OR ENGINEER TO ASSURE THE BUILDING DESIGN MEETS LOCAL CODE REQUIREMENTS. THIS INCLUDES STRUCTURAL DESIGN AS WELL AS ANY WORK PERFORMED BY THE GENERAL CONTRACTOR. BALLY REFRIGERATED BOXES INC., IN PREPARING THESE DRAWINGS AND SPECIFICATIONS, DOES NOT ASSUME ANY RESPONSIBILITY FOR THE SUCCESSFUL COMPLETION OR USAGE OF THE STRUCTURE DESCRIBED.

THESE DRAWINGS ARE NOT TO BE CONSIDERED AS APPROVED BY LOCAL OR STATE BUILDING AUTHORITIES.



SECTION VIEW THRU ENTRANCE DOOR

CAMP TIMANOUS ITEM #1 COOLER & #4 FREEZER

10/04/23

SPECIFICA TIONS

17'-4" X 15'-5" X 8'-6" INSTALLATION

- INDOOR

- LOADING HEIGHT - AT LEAST 18" OF OPEN SPACE MUST BE MAINTAINED BETWEEN TOP OF PRODUCT AND CEILING PANELS

INSULA TION

- POURED IN-PLACE POLYURETHANE FOAM

- BALLY PANELS AND DOORS ARE CERTIFIED COMPLIANT WITH CURRENT FEDERAL DOE REGULATIONS FOR WALK IN COOLERS & FREEZERS

- BALLY PANELS AND DOORS EXCEED MINIMUM R-VALUES\* FOR COOLERS (MINIMUM R-25, EXCLUDING FLOORS), AND FREEZERS (MIN. R-32, EXCEPT FLOORS, WHICH ARE MIN. R-28) \*WHEN TESTED PER ASTM C518 TO FEDERAL REG. 431.304

EXTERIOR FINISH

- EMBOSSED WHITE GALVANIZED

INTERIOR FINISH

- EMBOSSED WHITE GALVANIZED

FLOOR FINISH

- (INTERIOR) GALVANIZED STEEL

- (EXTERIOR) EMBOSSED WHITE GALVANIZED

DOORS/ACCESSORIES

- (2) 36" X ADVISE RIGHT SWING HINGED WALK-IN DOOR — SUPERDOOR: 3RD HINGE, DT INT & EXT 36"H

- PRP - STRIP CURTAIN

- MODULARM 75LC MULTI-MONITOR W/ MAGNETIC CONTACTS,

PANIC BUTTON & MOTION DETECTOR - 14" x 14" HEATED OBSERVATION WINDOW

- EXTERIOR CROSSOVER CORD

REFRIGERATION - BY BALLY (CONDENSING UNIT MOUNTED OUTDOORS)

QTY	H/P	RFGT TYPE	MODEL NUMBER	POWER SUPPLY	COMPR. RLA	ESSOR LRA	FA QTY	N MT) HP	RS FLA	TOTAL WATTS DEFROST	AMPS	МСА	MAX FUSE	СМРТ
1	0.8	R448A	BQZA008-H8-HS2DD	208-230/1/60	6.3	48	1		1.7		8.0	9.6	15	С
1			BLP209MA-S1D-SV+	115/1/60			2	1/15	1.0		2.0	2.3	15	С
1	3.5	R448A	BQZA035-L8-HS2DH	208-230/1/60	20.7	109	1		1.7			27.6	45	F
1			BLP211LE-S2D-SV+	208-230/1/60			2	1/15	0.6	1890	8.2	10.3	15	F
_ 1	11 00	)		MUCT DE CLADE	- - - - - - - - - - - - - - - - - - -	1510	T 1.1	2		12"	•	///	· · T / / / /	

■ ALL CONDENSATION DRAIN LINES MUST BE SLOPED AT LEAST 1:12. 1" ■ FREEZER CONDENSATION DRAIN LINES MUST BE HEATED, INSULATED AND TRAPPED INDIVIDUALLY. BY OTHERS

■ ALL SPECIFICATIONS LISTED ABOVE ARE FOR <u>INDIVIDUAL UNITS ONLY.</u>

- (2) DR100 COMPRESSOR STANDS - (2) WIND GUARDS FOR CONDENSING UNITS

> SMARTVAP+ REFRIGERATION REQUIRES TWO SEPARATE POWER SOURCES; ONE TO THE CONDENSING UNIT AND ONE TO THE SMARTVAP+ EVAPORATOR.

GENERAL NOTES

- NOTE A: BALLY TO FURNISH (1) BLACK VINYL CAPPED, FOAM CUT OPENING,  $2'-7" \times 64"$  HIGH; WITH 7-5/8" (11-5/8" EXT HGT) FROM BOTTOM OF VERTICAL TO BOTTOM OF OPENING.

- NOTE: BALLY TO FURNISH EW CLOSURE TRIM. PLEASE ADVISE SIZE

AND QUANTITY. ALL FASTENERS AND INSTALLATION BY OTHERS.

BALLY TO FURNISH (2) K1810 48" L.E.D. LIGHTS. LIGHTS

SHIPPED LOOSE AND MOUNTED AND WIRED BY OTHERS. (LIGHT SWITCH (12) AMPS MAX).

VAPOR-PROOF L.E.D. LIGHT OBSERVATION STRIP CURTAIN AND SETTING BED

DRAWN BY RJC

BY DATE

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

Scale:

reet, Suite 17-3010 ord, Maine 04005 ord) 215-4736 jmconsulting.net

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**Plains** 

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TJM

03/01/2024

Drawing Name

**FOODSERVICE** 

**EQUIPMENT** 

WALK-IN DETAIL

**Sheet Number** 

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