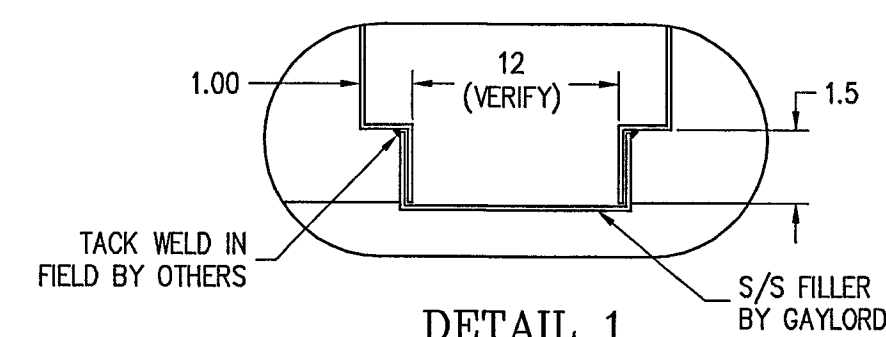
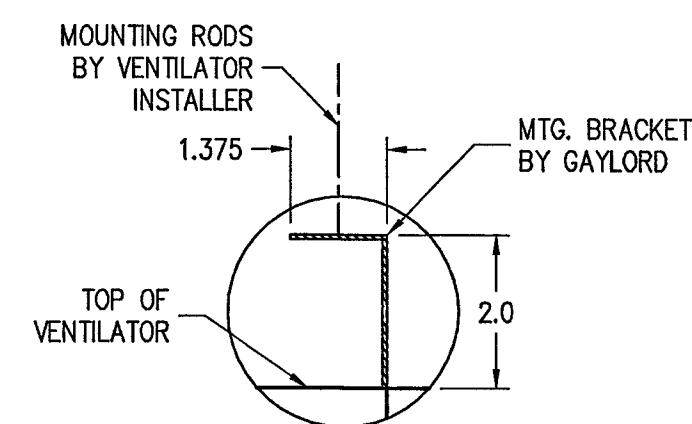


ELEVATION VIEW



DETAIL 1

DETAIL 2

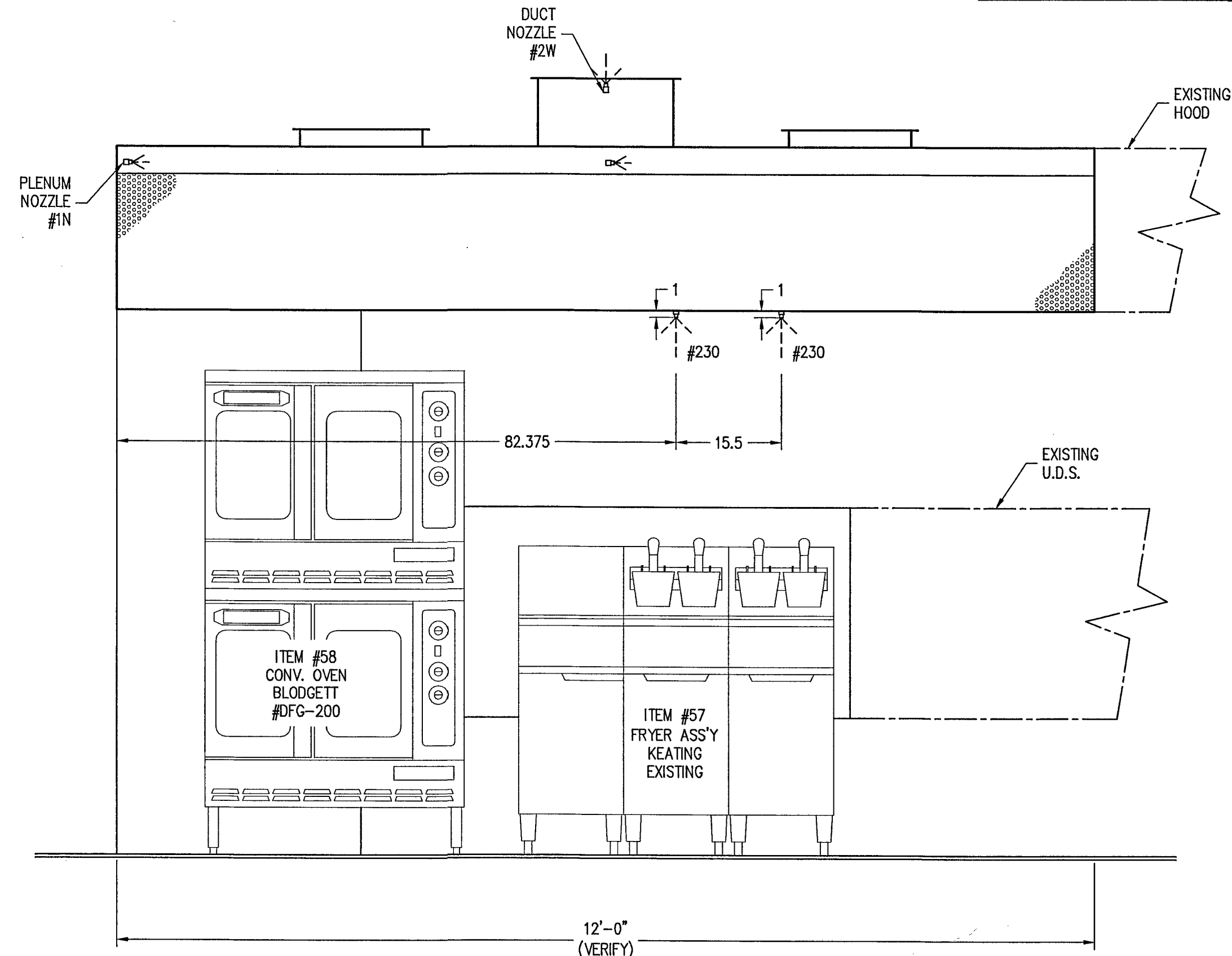
VERIFY CEILING
CONDITIONS

EXACT FLOOR TO STRUCTURAL CEILING AND FLOOR TO FINISH CEILING HEIGHTS MUST BE VERIFIED FOR VENTILATOR DESIGN. INCORRECT HEIGHTS MAY CAUSE THE VENTILATOR TO NOT FIT PROPERLY OR COMPLY WITH CLEARANCES SPECIFIED IN APPLICABLE CODES AND STANDARDS. **CAUTION:** IF THE FINISHED CEILING IS HIGHER THAN THE TOP OF THE VENTILATOR, ENCLOSURE PANELS MAY BE REQUIRED.

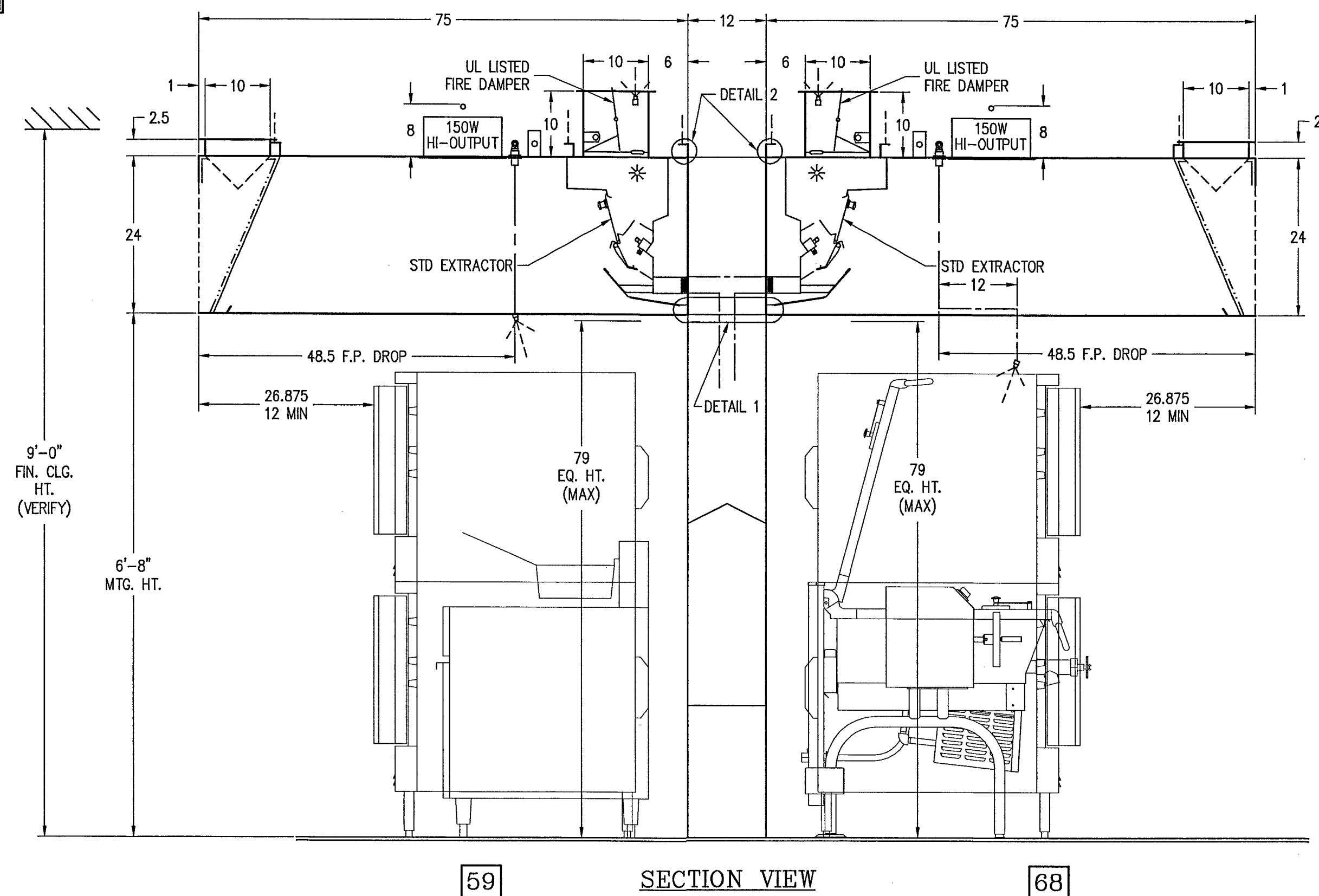
FLOOR TO STRUCTURAL CEILING: _____ (VERIFY)

FLOOR TO FINISH CEILING: 9'-0" (VERIFY)

**NOTE: PRIOR TO FABRICATION
EQUIPMENT MODEL,
MANUFACTURER & LOCATION
MUST BE VERIFIED
FOR FIRE PROTECTION**



ELEVATION VIEW



SECTION VIEW

ICE	ANSUL R-102-AREF-2T-10N-19F	126	04110908
	GPC-6000-10-1.00	125	04110907
	DB-IM-E3-HC-G-9	69	04110903
	CG3-FDD-BDL-MAW-CA-75	68	04110902
	CG3-FDD-BDL-MAW-CA-75	59	04110901
	MODEL #	ITEM #	WORK ORDER #

DRAWN BY: EP	CHECKED BY:	ELECT. CHECK:	F.P. CHECK:	S.E. APPROVAL:
<u>LAS VEGAS DETENTION CENTER</u> <u>Las Vegas, NV</u>				
GAYLORD.				
DRAWING NO.: 04-1109	DATE: 02-5-08	REV.:	SHEET NO.: 02	

INSTALLATION INFORMATION

[illegible]

This plan is made from available information, but measurements are to be verified by contractors. Insulators and others in connection with this job, Gaylord Industries accepts no responsibility for work done by contractors, installers and others, and will not stand any expense for charges made necessary by local building codes, ordinances, structural requirements or by the use of materials or techniques in support of this plan. This plan must be verified and approved in writing by the contractor. Fabrication can be started and approval shall not be made unless contractors, installers and others have reviewed applicable codes of local authorities. Reference is made to the general notes, which are a part of all of our plans. The contractor is advised that if he violates these plans are advised they are responsible for examining and becoming familiar with said general notes before commencing any work hereunder. Any inconsistencies between these plans and the general notes, or between these plans and the applicable codes, ordinances and regulations, ordinances must be immediately called to the attention of Gaylord Industries in writing so that any such inconsistencies can be resolved.

Gaylord Industries must be notified of any changes made to the plan in a clear and conspicuous manner. Gaylord Industries will not be responsible for any incidental or consequential damages incurred by others as a result of contractors, installers and others failure to notify Gaylord of changes to the plan. This plan is the property of Gaylord Industries and is not to be copied, reproduced, or distributed, either in whole or in part. It is not to be used unless under Gaylord Industries supervision, directly or otherwise, nor may it be used in anyway detrimental to Gaylord Industries. The Gaylord Ventilator is patented and owned by Gaylord Industries with patents issued and pending.

GAYLORD®
INDUSTRIES, INC.

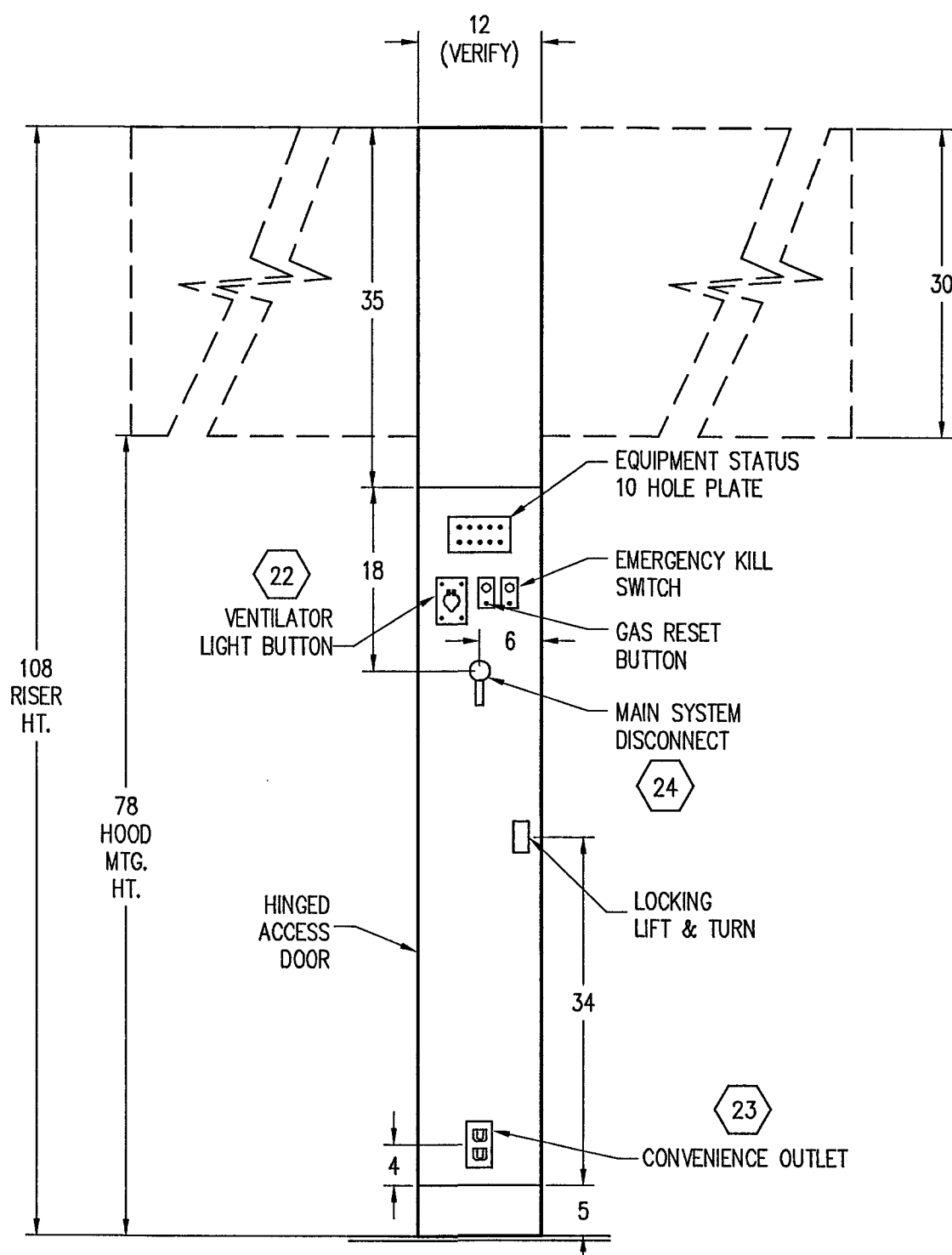
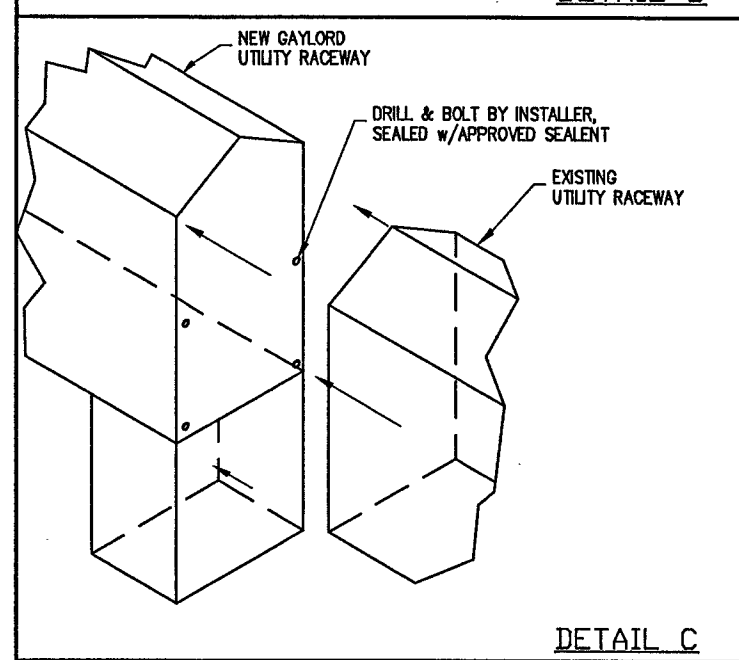
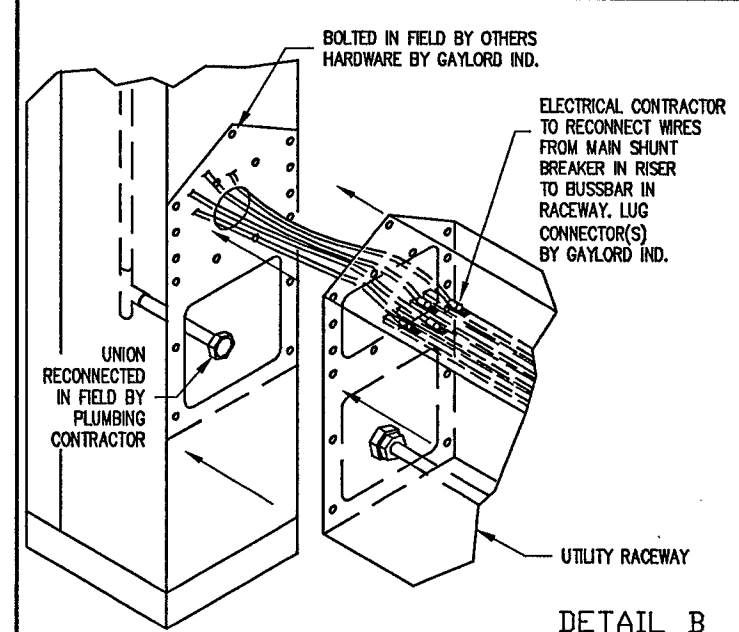
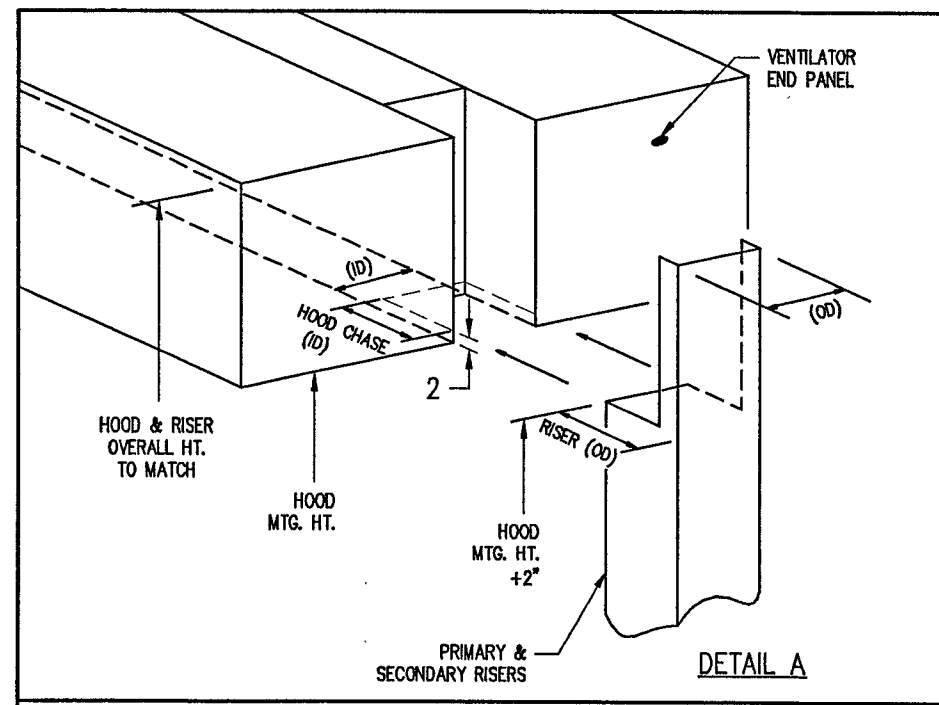
10900 S.W. AVERY ST.
P.O. BOX 1149
TUALATIN, OR 97062-1149

TELEPHONE: (503) 691-2010
TOLL FREE: (800) 547-9696
FAX NO.: (503) 692-6048
E-MAIL: gaylord@gaylordusa.com

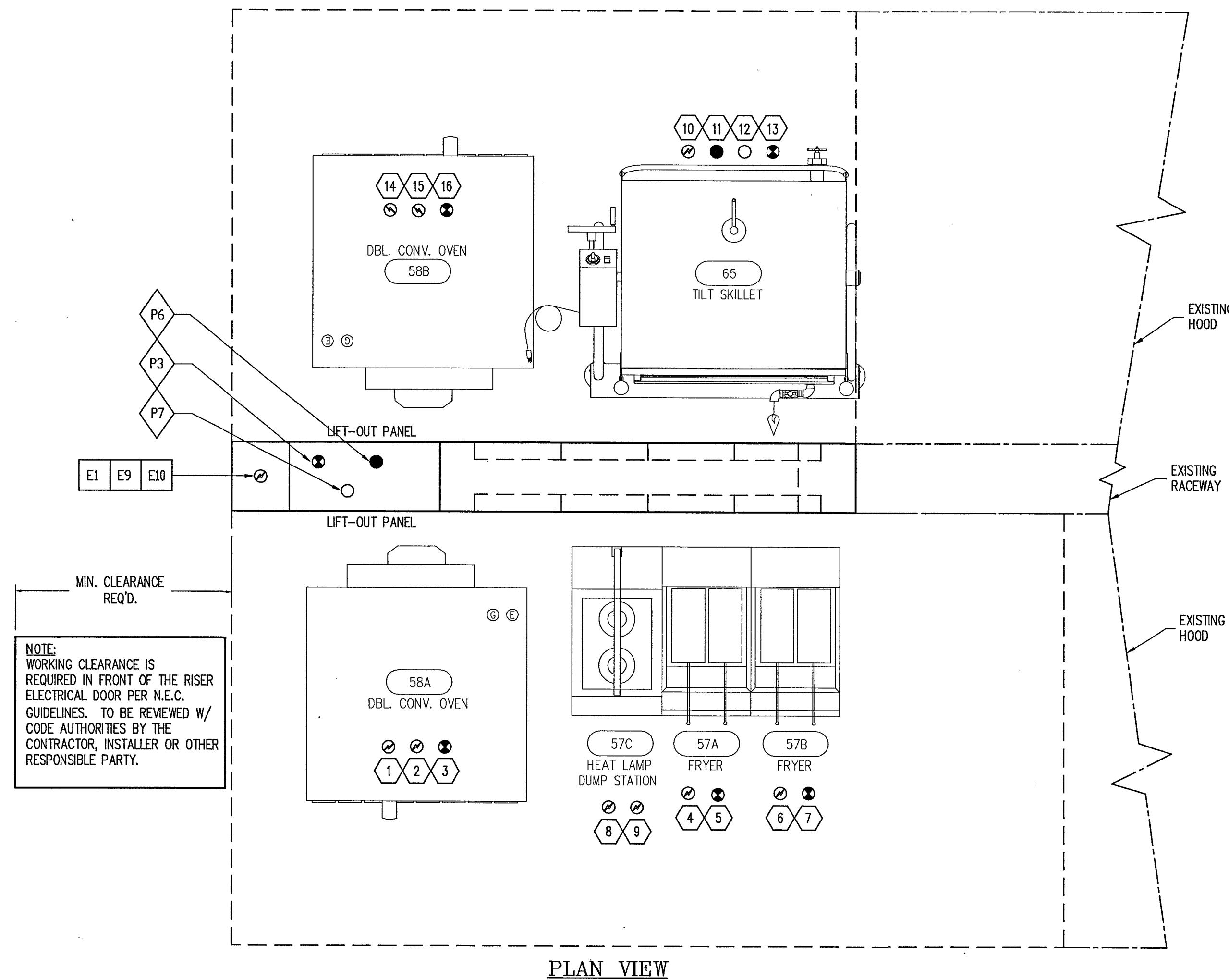
LAS VEGAS DETENTION CENTER
Las Vegas, NV

GAYLORD.

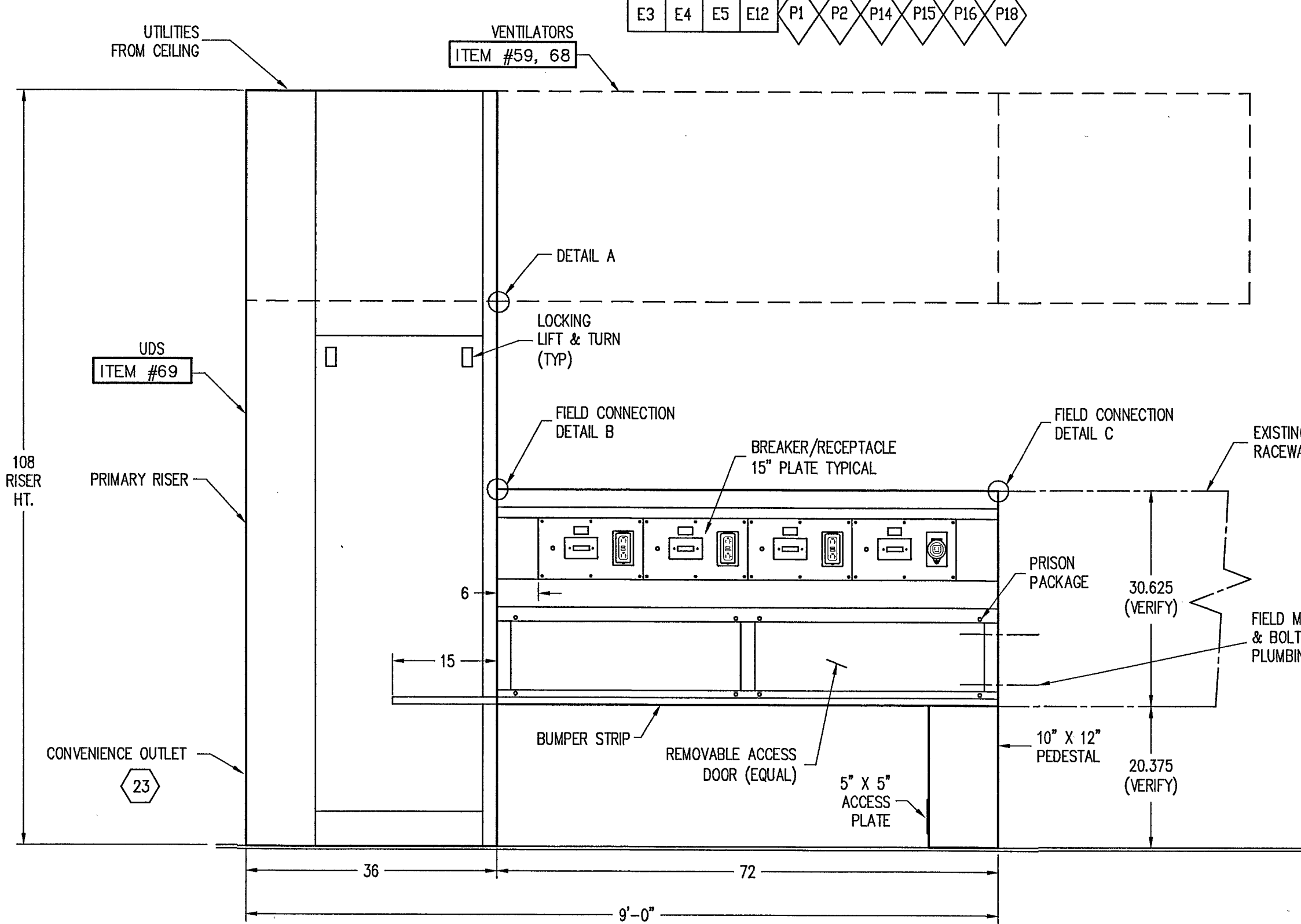
13-55 ZJ



PRIMARY RISER END VIEW



PLAN VIEW



ELEVATION VIEW

SYMBOL CHART	
⊗	ELECTRICAL CONNECTION
○	C.W. CONNECTION
●	H.V. CONNECTION
○	C.W. FILTERED CONNECTION
⊙	SOFT WATER CONNECTION
⊕	CHILL RETURN CONNECTION
⊖	GAS
⊗	STEAM SUPPLY
⊕	CONDENSATE RETURN
⊖	AIR INLET
⊗	DRAIN CONNECTION
⊕	BUILDING DRAIN VENT STACK
⊖	HYDRAULIC
⊗	EQUIPMENT CONNECTION CALLOUT
⊕	ELECTRICAL CALLOUT
⊖	PLUMBING CALLOUT

IMPORTANT NOTES:

- EQUIPMENT MAKE, MODEL MUST BE VERIFIED TO ASSURE CORRECT UTILITY LOADS, PRIOR TO RELEASE FOR FABRICATION. ANY CHANGES TO THE EQUIPMENT AFTER APPROVAL OR RELEASE, WILL ADD COST AND EFFECT SHIPPING DATES.
- SEE U.S.S. SCHEDULE FOR EQUIPMENT CONNECTIONS.
- EQUIPMENT IN FRONT OF RISER TO BE ON CASTERS.

ELECTRICAL REQUIREMENTS	
E1.	50 AMP, 18kw, 120/208 VOLTS
E2.	120/1/60/20 AMP SEPARATE POWER SUPPLY FOR QUENCHER FIRE CONTROLS.
E3.	THE PRIMARY RISER WILL BE BUILT FOR THE POWER SOURCE TO STUB-IN FROM ABOVE UNLESS SPECIFIED OTHERWISE.
E4.	CONNECT ALL WIRES AT UDS FIELD JOINTS. TERMINAL BLOCKS ARE MARKED FOR APPROPRIATE CONNECTIONS (see Mechanical Plans for Field Joint Locations).
E5.	CONNECT ELECTRICAL CORDS AND CONDUIT FROM THE DISTRIBUTOR RACEWAY TO COOKING EQUIPMENT. CORDS AND CONDUIT BY GAYLORD AND/OR OTHERS.
E6.	PROVIDE 120V WIRE(S) FROM DISTRIBUTION BLOCK (DBF) IN UDS RISER TO MAG. STARTERS FOR FANS (see UDS Wiring Diagram/FAN SWITCH).
E7.	PROVIDE 120V WIRING CONNECTIONS FROM DISTRIBUTION BLOCK (DBF) IN UDS RISER TO REMOTE SOLENOID VALVE(S) (see UDS Wiring Diagram).
E8.	CONNECT CONDUIT FROM UDS MTD. HOOD TO DISTRIBUTION BLOCK, DBF, IN UDS RISER CONDUIT PROVIDED BY GAYLORD. PROVIDE WIRING FROM REMOTE HOODS TO DBF, BY E.C. (see UDS Wiring Diagram/FIRE DAMPERS).
E9.	CONNECT CONDUIT FROM UDS MTD. HOOD TO DISTRIBUTION BLOCK, DBF, IN UDS RISER CONDUIT PROVIDED BY GAYLORD. (see UDS Wiring Diagram/HOOD LIGHTS).
E10.	PROVIDE 120V WIRING CONNECTIONS FROM ANSUL MICRO SWITCH TO DISTRIBUTION BLOCK (DBF) IN UDS RISER (see UDS Wiring Diagram).
E11.	PROVIDE THREE 120 VOLT WIRES FROM REMOTE QUENCHER CONTROL CABINET TO DISTRIBUTION BLOCK (DBF) IN UDS RISER (see UDS Wiring Diagram).
E12.	INSPECT FOR ANY LOOSE CONNECTIONS CAUSED BY SHIPPING AND TIGHTEN AS NEEDED.
E13.	PROVIDE A 120V WIRING CONNECTIONS FROM RISER TO MAIN SHUNT TRIP BREAKER BY OTHERS (see UDS Wiring Diagram).
E14.	PROVIDE WIRING CONNECTIONS FROM DISTRIBUTION BLOCK (DBF) IN RISER TO REMOTE MOTORIZED STEAM VALVE.
E15.	EQUIPMENT CIRCUIT BREAKERS MOUNTED IN A REMOTE LOCATION FURNISHED AND INSTALLED BY OTHERS (E.C.)
E16.	FIRE/FUEL SHUT-OFF DEVICES MOUNTED AND FURNISHED BY OTHERS.
E17.	EQUIPMENT CORD AND PLUG DEVICES MOUNTED AND FURNISHED BY OTHERS MUST MATCH NEMA CONFIGURATION OF RECEPTACLES.
E18.	RECEPTACLES MOUNTED BY GAYLORD. ALL WIRING FROM REMOTE CIRCUIT BREAKERS TO RECEPTACLES BY E.C.

PLUMBING REQUIREMENTS	
P1.	FURNISH AND INSTALL THE APPROPRIATE PIPES THROUGH THE DISTRIBUTOR RISER TO EACH CONNECTION POINT. ALL CONNECTION POINTS ARE MARKED AND ARE APPROX. 48\"/>
P2.	THE RISERS WILL BE BUILT FOR THE PIPE MANIFOLDS TO STUB-IN FROM ABOVE UNLESS SPECIFIED OTHERWISE. NOTE: THE MANIFOLD THAT DELIVERS UTILITIES TO THE UDS MAY VARY IN SIZE (SEE BELOW) BECAUSE OF BACK PRESSURE THAT DEVELOPS FROM THE TOTAL PIPE RUN. PIPE FITTINGS AND VERTICAL LIFT OR HIGHER PRESSURE. SIZE PIPES ACCORDINGLY.
P3.	1 1/4\"/>
P4.	NPT STEAM 1.5\"/>
P5.	NPT CONDENSATE RETURN 1\"/>
P6.	1/2\"/>
P7.	1/2\"/>
P8.	C.W.-IN 40 TO 80 PSI, GPM
P9.	C.W.-OUT 40 TO 80 PSI, GPM
P10.	AIR SCFM, PSI
P11.1.	H.V. TO GPC 5000 LOOP, GPM 40 PSI, GPM 80 PSI
P11.2.	H.V. TO VENTILATOR, GPM 40 PSI, GPM 80 PSI
P12.	SPRINKLER SUPPLY FROM BUILDING TO UDS RISER, GPM @ MIN. PSI TO MAX 25 PSI.
P13.	SPRINKLER LINE FROM UDS RISER TO HOOD ITEM #, GPM @ MIN. PSI TO MAX 25 PSI.
P13.1.	SPRINKLER LINE FROM UDS RISER TO HOOD ITEM #, GPM @ MIN. PSI TO MAX 25 PSI.
P13.2.	SPRINKLER LINE FROM UDS RISER TO HOOD ITEM #, GPM @ MIN. PSI TO MAX 25 PSI.
P14.	MAKE ALL INTERCONNECTIONS AT FIELD JOINTS BY TIGHTENING UNIONS. GAS, C.W., STEAM SUPPLY AND CONDENSATE RETURN LINES ARE EACH SUPPLIED WITH A UNION.
P15.	FURNISH AND INSTALL HARD PIPING AND REDUCING FITTINGS AS NEEDED TO EXTEND CONNECTIONS BETWEEN COOKING EQUIPMENT AND FLEXIBLE HOSES REFER TO EQUIPMENT SCHEDULE DRAWINGS.
P16.	MAKE ALL CONNECTIONS BETWEEN DISTRIBUTOR RACEWAY AND COOKING EQUIPMENT. CONNECT EACH RESTRAINING DEVICE TO THE COOKING EQUIPMENT AND THE BOTTOM OF THE DISTRIBUTOR RACEWAY.
P17.	INSTALL REMOTE LOOSE PARTS (PRESSURE REDUCING VALVES, STEAM TRAPS, MOTORIZED STEAM VALVE) EACH PART IS MARKED ACCORDING TO ITS APPROPRIATE LOCATION.
P18.	INSPECT FOR ANY LOOSE CONNECTIONS CAUSE BY SHIPPING AND TIGHTEN AS NEEDED. PRESSURE TEST EACH LINE BEFORE MAKING FINAL CONNECTIONS.
P19.	DRAIN SIZE: A PIPING INTERCONNECTION BETWEEN THE VENTILATOR DRAIN STUB AND THE VERTICAL DRAIN PIPE IN UDS RISER IS REQUIRED. PLUMB TO FLIER DRAIN AS REQUIRED.
P20.	AIR GAP: DRAIN SIZE LOCATION BY OTHERS
P21.	FLIER DRAIN IS REQUIRED FOR VENTILATOR DRAIN. PLUMB TO FLIER DRAIN AS REQUIRED.
P22.	PIPING CONNECTIONS FROM UDS TO EQUIPMENT, WHICH ARE EITHER HARD PIPED OR USING QUICK DISCONNECT HOSES, TO BE FURNISHED AND INSTALLED BY OTHERS.
P23.	GAS SOLENOID VALVES FOR FIRE/FUEL SHUT-OFF TO BE FURNISHED AND INSTALLED BY OTHERS.

NOTE:
PRISON PACKAGE REQUIRED
INCLUDE ONE-WAY SCREWS
W/ LOCKS ON DOORS

ANSUL R-102-AREF-2T-10N-19F	126	04110908
GPC-6000-10-1.00	125	04110907
DB-IM-E3-HC-G-9	69	04110903
CG3-FDD-BDL-MAW-CA-75	68	04110902
CG3-FDD-BDL-MAW-CA-75	59	04110901
MODEL #	ITEM #	WORK ORDER #

DRAWN BY: EP	CHECKED BY:	ELECT. CHECK:	F.P. CHECK:	S.E. APPROVAL:
LAS VEGAS DETENTION CENTER				
Las Vegas, NV				
GAYLORD				
DRAWING NO.: 04-1109	DATE: 2-5-08	REV:	SHEET NO.: 03	513-553J

INSTALLATION INFORMATION

REV	DRWN BY	DATE	REVISIONS	CHECKED BY

This plan is made from available information, but measurements are to be verified by contractors, installers and others in connection with this job. Gaylord Industries accepts no responsibility for work done by contractors, installers and others, and will not stand any expense for changes made necessary by local building codes, ordinances, structural conditions or by the substitution or changes in equipment shown in this plan. This plan must be verified and approved by proper parties before fabrication can be started and approval shall not be made unless contractors, installers and others have reviewed applicable codes with code authorities. Reference is made to the general notes, which are a part of these plans and all contractors, installers and others utilizing these plans are advised they are responsible for examining and becoming familiar with said general notes before commencing any work hereunder. Any inconsistencies between these plans and the general notes, or between these plans, the general notes, and local building codes or ordinances must be immediately called to the attention of Gaylord Industries in writing so that any such inconsistencies can be resolved.

Gaylord Industries must be notified of any changes made to the plan in a clear and conspicuous manner. Gaylord Industries will not be responsible for any incidental or consequential damages incurred by others as a result of contractors, installers and others failure to notify Gaylord of changes to the plan. This plan is the property of Gaylord Industries and is not to be copied, reproduced, or distributed, either in whole or in part. It is not to be used unless under Gaylord Industries supervision, directly or otherwise, nor may it be used in anyway detrimental to Gaylord Industries. The Gaylord Ventilator is patented and owned by Gaylord Industries with patents issued and pending.

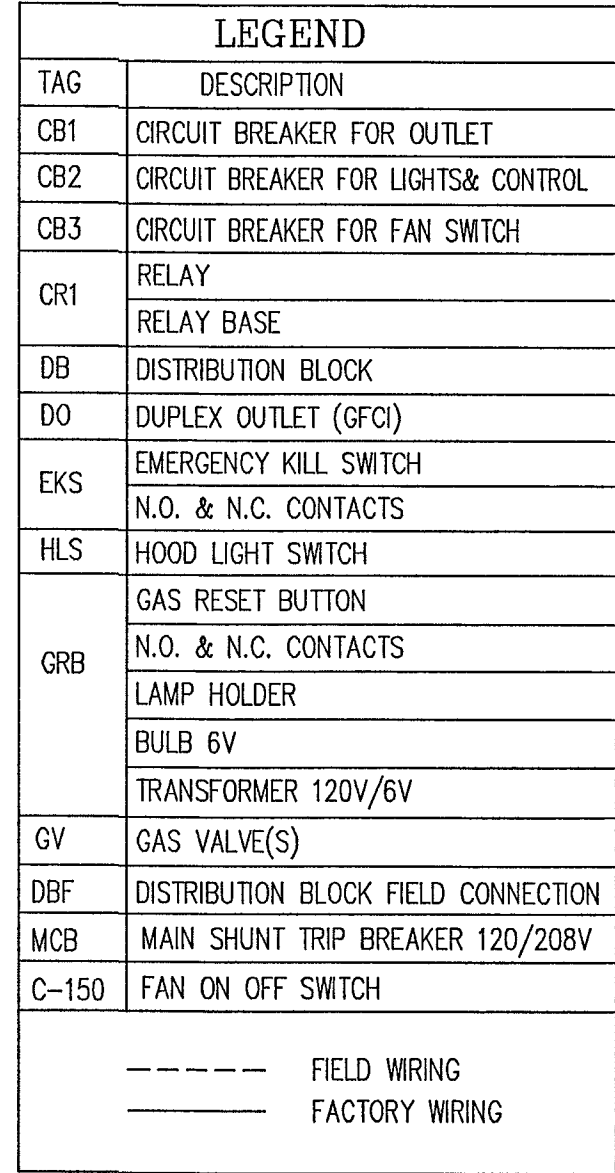
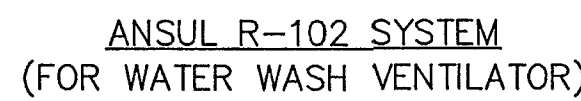
GAYLORD® INDUSTRIES, INC.

10900 S.W. AVERY ST.
P.O. BOX 1149
TUALATIN, OR 97062-1149

TELEPHONE: (503) 691-2010
TOLL FREE: (800) 547-9696
FAX NO.: (503) 692-6048
E-MAIL: gaylord@gaylordusa.com

(C-1) (2) WIRES AND GROUND FROM CONTROL CABINET TO SUPPLY VOLTAGE SERVICE BY ELECTRICAL CONTRACTOR.

(C-2) (2) WIRES FROM CONTROL CABINET TO EXHAUST FAN MAGNETIC STARTER. (2) WIRES FROM CONTROL CABINET TO SUPPLY FAN MAGNETIC STARTER. WIRES BY ELECTRICAL CONTRACTOR.



- | | | | |
|--------|---|--------|---|
| GPC-1) | ALL EXTERNAL CONTROL WIRING SHALL BE 12 GAUGE MINIMUM OR AS PER APPLICABLE CODES. | GPC-6) | LOW DETERGENT TERMINALS 4 & LD DISPLAY WILL FLASH "LOW DETERGENT" WHEN ACTIVATED AND NOT IN WASH MODE.
CUT JUMPER (#1), AND REMOVE ANY JUMPER BETWEEN #4 & LD WHEN INSTALLING FLOW SWITCH. |
| GPC-2) | THE HOLDING COILS WITHIN THE MAGNETIC STARTERS MUST MATCH THE SUPPLY VOLTAGE. MAGNETIC STARTERS ARE SUPPLIED BY OTHERS. | GPC-7) | IN EXTERNAL FIRE MODE (REMOTE FIRE SWITCH CONTACTS CLOSED) TERMINAL #1 DE-ENERGIZES SHUTTING OFF SUPPLY FAN. TERMINAL #8 ENERGIZES TURNING ON EXHAUST FAN. |
| GPC-3) | ALL VOLTAGE FREE CONTACTS FOR EXTERNAL SIGNALING ARE RATED FOR 3A @ 240 VAC. | GPC-8) | WHEN FUSELINK AT DUCT COLLAR Melts, DAMPER IN THAT DUCT COLLAR CLOSES IN THAT HOOD SECTION ONLY. |
| GPC-4) | FIRE SWITCH TERMINALS 4 & FS TERMINALS FOR NORMALLY OPEN FIRE SUPPRESSION MICROSWITCH AND/OR REMOTE FIRE SWITCH WHICH ACTIVATES THE "EXTERNAL FIRE MODE". | GPC-9) | CUT JUMPER (#2), AND REMOVE ANY JUMPER BETWEEN #15 & GXT WHEN GX2 OR N-97 DAMPER MOTORS ARE CONNECTED TO THIS CONTROL CABINET. |
| GPC-5) | FIRE SYSTEM TERMINALS Q1 & Q2 CONTACTS OPEN WHEN CONTROL GOES INTO INTERNAL OR EXTERNAL FIRE MODES. | | |

C-6000-B		
-- SUPPLY VOLTAGE --		
120 VAC, 60 Hz.		
600 WATTS MAXIMUM, 10 AMPS MAXIMUM		
TERMINATION SCHEDULE		
TRM		TYPE
L1	MAIN POWER CONNECTION : HOT	120VAC
L2	MAIN POWER CONNECTION : NEUTRAL	0 V
1	OUTPUT-SUP. FAN STARTER (1 AMP MAX.)	120VAC
2	OUTPUT TO DEREGMENT PUMP	120VAC
3	THERMOSTAT RETURN	24VAC
4	FUSED SUPPLY TO PLC OUTPUTS & ETC	120VAC
5	120VAC NEUTRAL LEG	0 V
8	OUTPUT-EXH. FAN STARTER (1 AMP MAX.)	120VAC
CM	OUTPUT TO COLD WATER MIST SOLENOID	120VAC
9	OUTPUT TO WASH SOLENOID VALVE #1	120VAC
10	OUTPUT TO WASH SOLENOID VALVE #2	120VAC
11	OUTPUT TO WASH SOLENOID VALVE #3	120VAC
12	OUTPUT TO WASH SOLENOID VALVE #4	120VAC
13	OUTPUT TO WASH SOLENOID VALVE #5	120VAC
SF1	N.O. DRY CONTACTS FOR SUPPLY FAN	N/A
SF2	REMOTE CONTROL CENTER	N/A
EF1	N.O. DRY CONTACTS FOR EXHAUST FAN	N/A
EF2	REMOTE CONTROL CENTER	N/A
A1	N.O. DRY CONTACTS FOR INTERFACE TO	N/A
A2	BUILDING FIRE ALARM / MONITOR SYSTEM	N/A
Q1	N.C. DRY CONTACTS FOR INTERFACE TO	N/A
Q2	BUILDING FIRE ALARM / MONITOR SYSTEM	N/A
FS	INPUT FROM REMOTE FIRE SWITCH	120VAC
LD	INPUT FROM DEREGMENT FLOW SWITCH	120VAC
GX	POWER FOR GX2 DAMPER ACTUATORS	24VAC
15	OUTPUT TO THERMOSTAT(S)	24VAC
17	24VAC COMMON	0 V
18	CG3 DAMPER DRIVE SIGNAL	0-24VAC
19	POWER FOR CG3 DAMPER ACTUATORS	24VAC
GXT	THERMOSTAT RETURN FOR QX2 HOODS	24VAC

ANSUL R-102-AREF-2T-10N-19F	126	04110908
GPC-6000-10-1.00	125	04110907
DB-IM-E3-HC-G-9	69	04110903
CG3-FDD-BDL-MAW-CA-75	68	04110902
CG3-FDD-BDL-MAW-CA-75	59	04110901

DRAWN BY: EP		CHECKED BY:		ELECT. CHECK:		F.P. CHECK:		S.E. APPROVAL:	
<u>LAS VEGAS DETENTION CENTER</u> <u>Las Vegas, NV</u>									
DRAWING NO.: 04-1109		DATE: 2-5-08		REV:		SHEET NO.: 05			

GAYLORD.

513-5525

GAYLORD®
INDUSTRIES, INC.

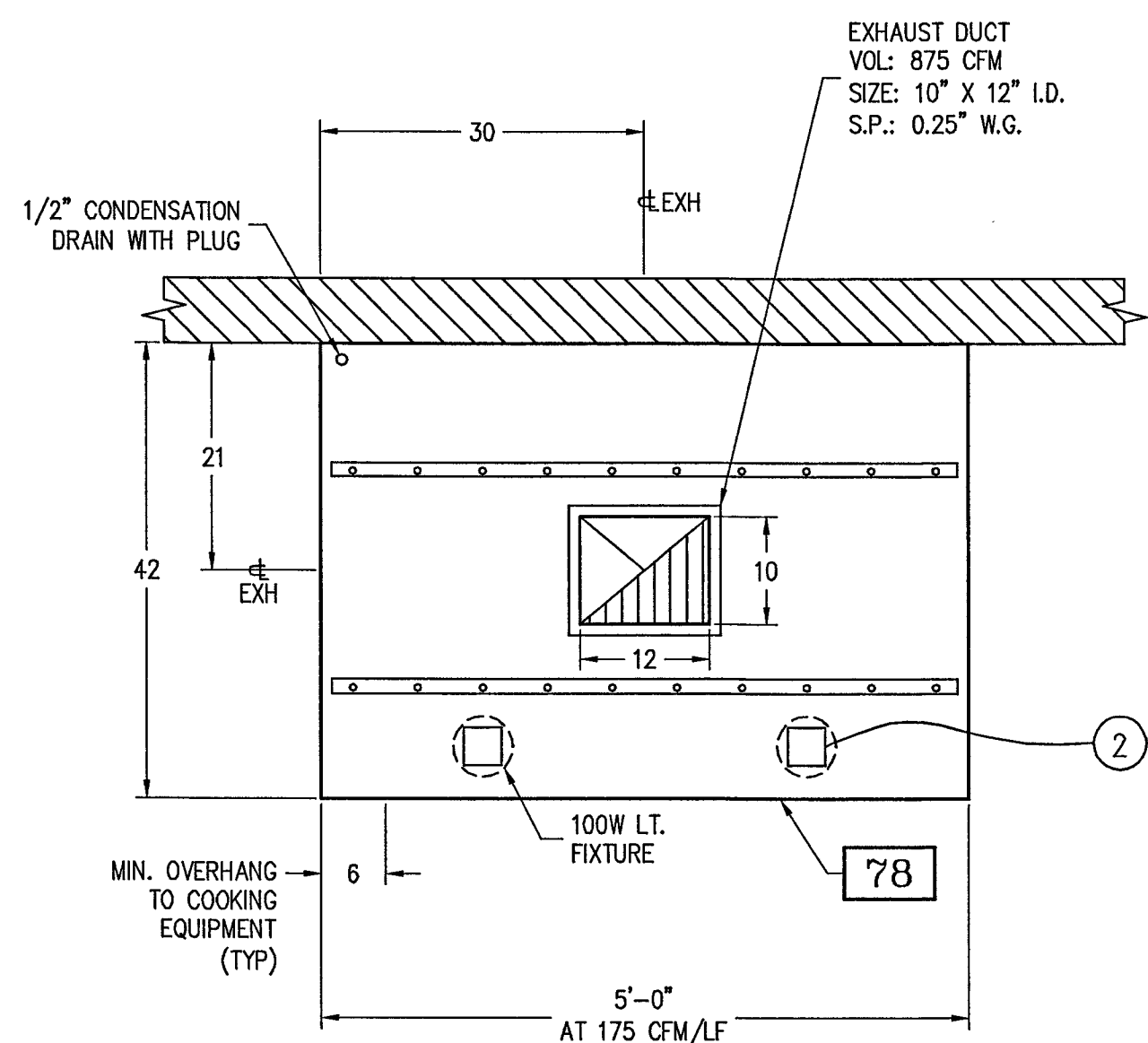
10900 S.W. AVERY ST. TELEPHONE: (503) 691-2010
P.O. BOX 1149 TOLL FREE: (800) 547-9696
TUALATIN, OR 97062-1149 FAX NO.: (503) 692-6048
E-MAIL: gaylord@gaylordusa.com

Las Vegas, NV

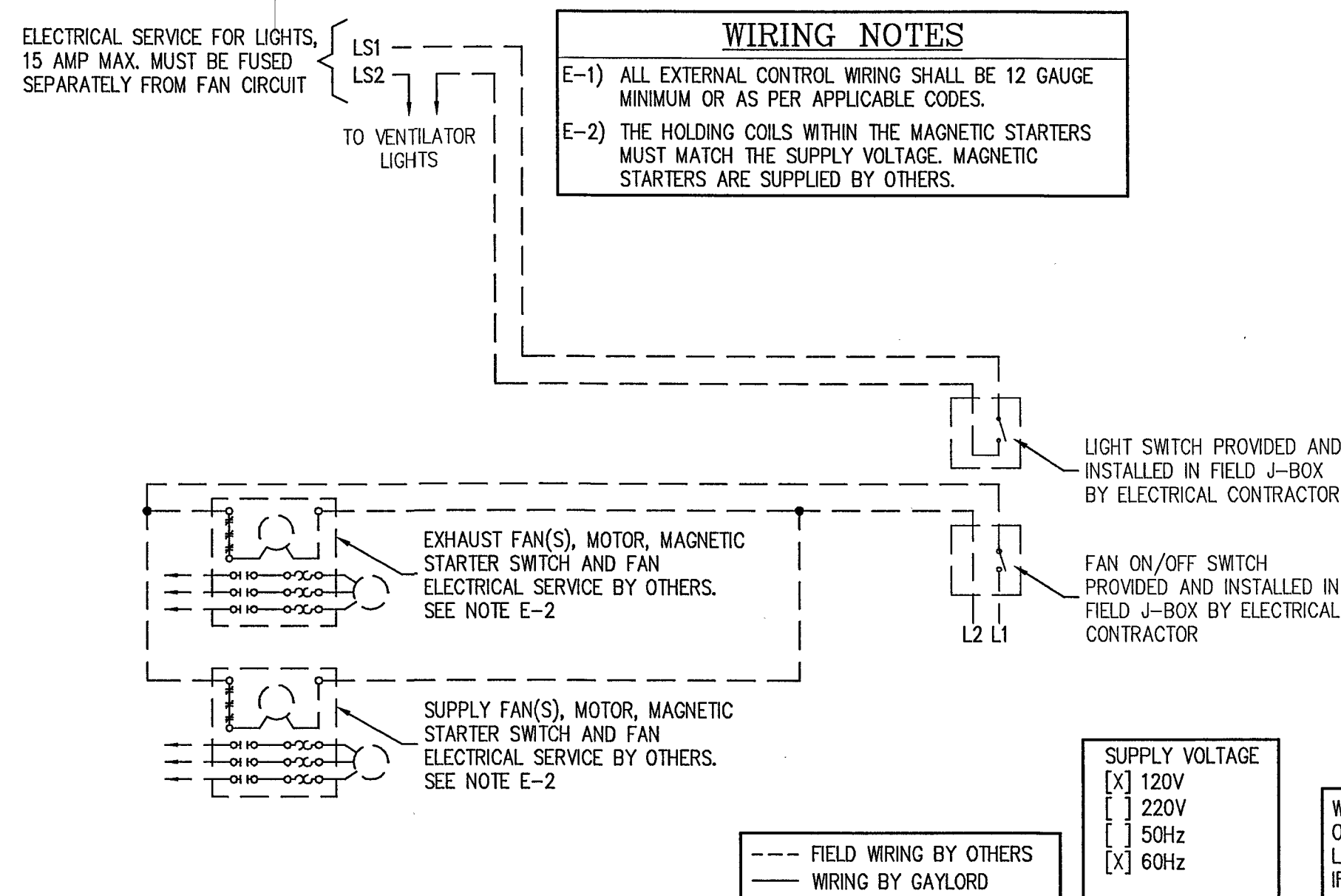
Las Vegas, NV



513-55ZJ



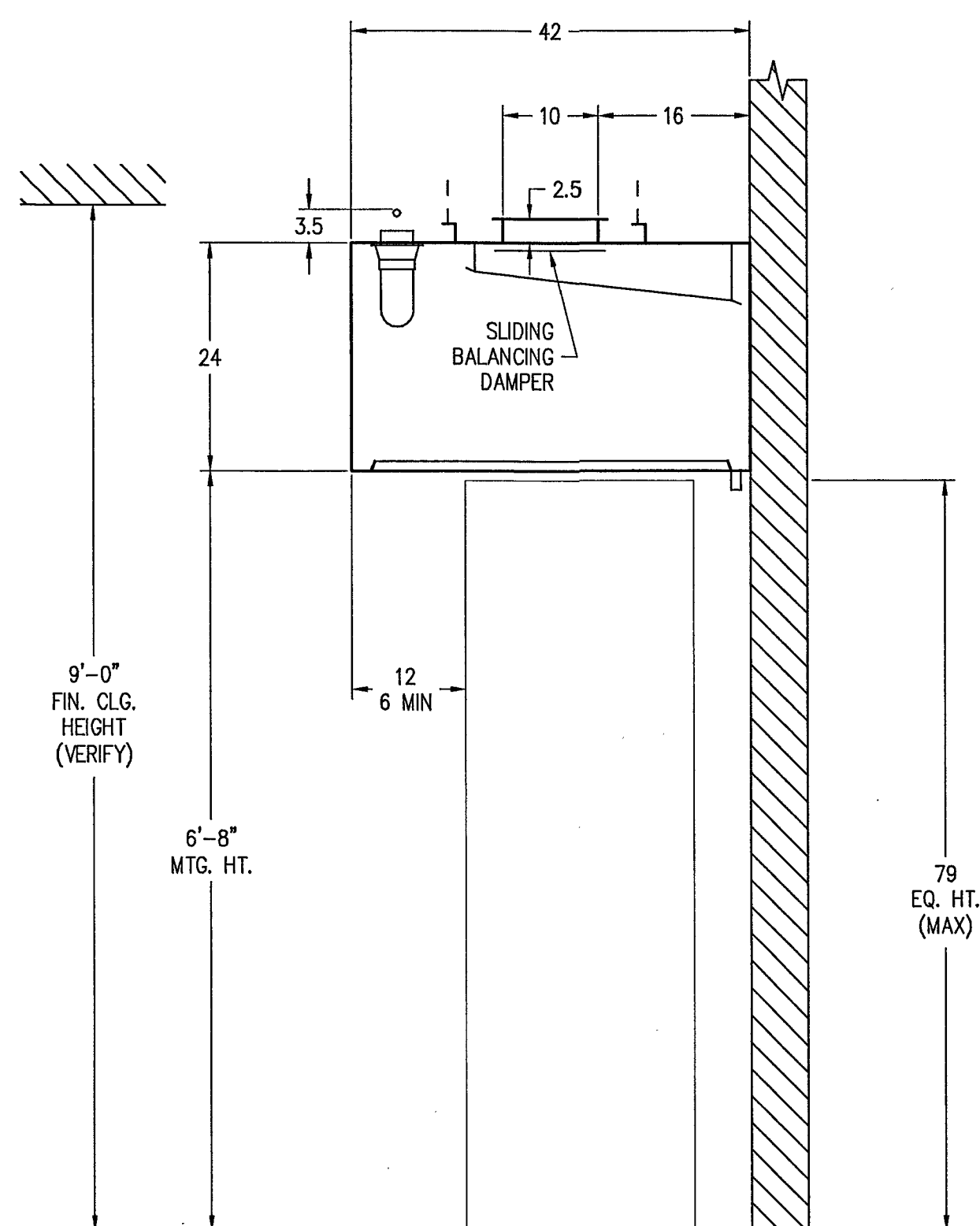
PLAN VIEW



--- FIELD WIRING BY OTHERS
— WIRING BY GAYLORD

SUPPLY VOLTAGE
[X] 120V
[] 220V
[] 50Hz
[X] 60Hz

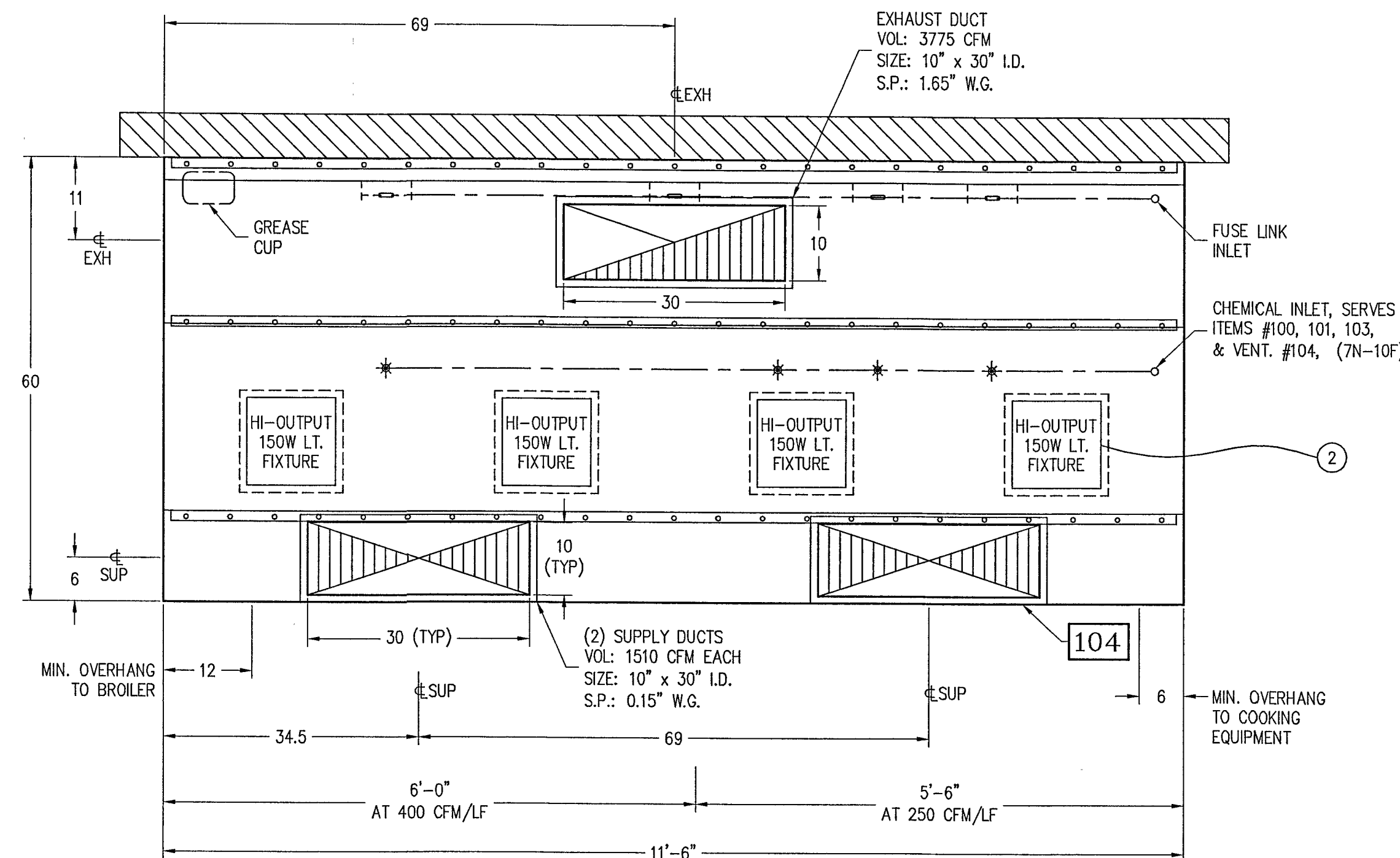
WHEN USING MULTIPLE LIGHT SWITCHES ON ONE CIRCUIT, VERIFY THAT THE LOAD DOES NOT EXCEED 15 AMPS MAX. IF IT DOES, USE MULTIPLE CIRCUITS.



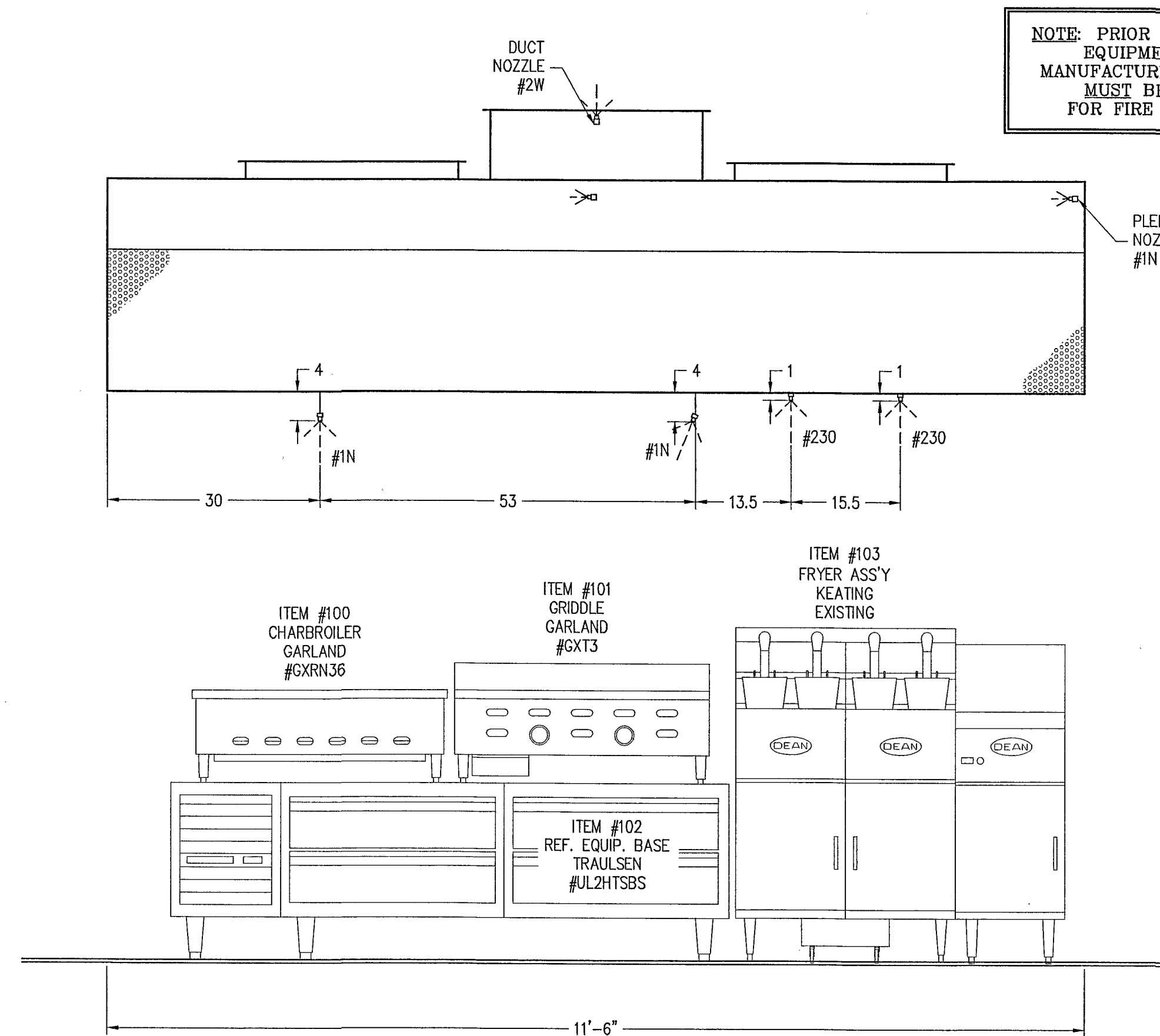
SECTION VIEW

VH2 VENTILATOR NOTES	
A)	VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT AND LOCATION IN RELATION TO VENTILATOR PRIOR TO FABRICATION.
B)	FRONT AND REAR MOUNTING BRACKETS HAVE #0.625" HOLES. BRACKETS TO BE SUPPORTED WITHIN 12" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.
C)	1/2" CONDENSATION DRAIN WITH PLUG.
VENTILATOR WIRING NOTES (NON-WATER WASH)	
①	N/A
*	LIGHT FIXTURES, VAPOR PROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED BY GAYLORD. *
②	(2) WIRES AND GROUND, FOR LIGHT(S), IN FLEXIBLE CONDUIT, EXTENDING 6' BEYOND END OF VENTILATOR BY GAYLORD. WIRED TO LIGHT SWITCH BY ELECTRICAL CONTRACTOR.
VERIFY CEILING CONDITIONS	
EXACT FLOOR TO STRUCTURAL CEILING AND FLOOR TO FINISH CEILING HEIGHTS MUST BE VERIFIED FOR VENTILATOR DESIGN. INCORRECT HEIGHTS MAY CAUSE THE VENTILATOR TO NOT FIT PROPERLY OR COMPLY WITH CLEARANCES SPECIFIED IN APPLICABLE CODES AND STANDARDS. CAUTION: IF THE FINISHED CEILING IS HIGHER THAN THE TOP OF THE VENTILATOR, ENCLOSURE PANELS MAY BE REQUIRED.	
FLOOR TO STRUCTURAL CEILING:	(VERIFY)
FLOOR TO FINISH CEILING:	9'-0" (VERIFY)

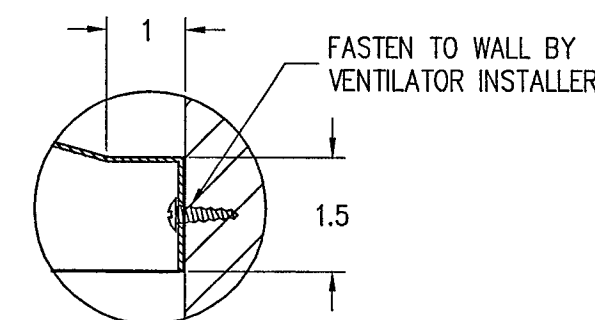
INSTALLATION INFORMATION				DIMENSION TOLERANCE ± 1/4" (6mm)				VH2-W-42				78				04110904			
MAXIMUM VENTILATOR DIMENSION: 5'-0" L. x 3'-6" W. 2'-5" H. TOTAL ESTIMATED HANGING WEIGHT: 250 LBS.				VENTILATORS MANUFACTURED IN MULTIPLE SECTIONS ARE PROVIDED WITH BOLTS, CLIPS, AND ALL NECESSARY HARDWARE FOR RECONNECTING BY THE VENTILATOR INSTALLER. CONTROL AND LIGHTING WIRING ARE PRE-WIRED AND DISCONNECTED FOR SHIPMENT. WIRING MUST BE RECONNECTED BY APPLICABLE TRADES.				DRAWN BY: EP				CHECKED BY:				ELECT. CHECK:			
REV				DATE				REVISIONS				CHECKED BY:				WORK ORDER #			
This plan is made from available information, but measurements are to be verified by contractors, installers and others in connection with this job. Gaylord Industries accepts no responsibility for work done by contractors, installers and others, and will not stand any expense for charges made necessary by local building codes, ordinances, structural conditions or by the substitution or changes in equipment shown in this plan. This plan must be verified and approved by proper parties before fabrication can be started and approval shall not be made unless contractors, installers and others have reviewed applicable codes with code authorities. Reference is made to the general notes, which are a part of these plans and all contractors, installers and others utilizing these plans are advised they are responsible for examining and becoming familiar with said general notes before commencing any work hereunder. Any inconsistencies between these plans and the general notes, or between these plans, the general notes, and local building codes or ordinances must be immediately called to the attention of Gaylord Industries in writing so that any such inconsistencies can be resolved.				Gaylord Industries must be notified of any changes made to the plan in a clear and conspicuous manner. Gaylord Industries will not be responsible for any incidental or consequential damages incurred by others as a result of contractors, installers and others failure to notify Gaylord of changes to the plan. This plan is the property of Gaylord Industries and is not to be copied, reproduced, or distributed, either in whole or in part. It is not to be used unless under Gaylord Industries supervision, directly or otherwise, nor may it be used in anyway detrimental to Gaylord Industries. The Gaylord Ventilator is patented and owned by Gaylord Industries with patents issued and pending.				GAYLORD® INDUSTRIES, INC.				LAS VEGAS DETENTION CENTER Las Vegas, NV				GAYLORD®			
10900 S.W. AVERY ST. P.O. BOX 1149 TUALATIN, OR 97062-1149				TELEPHONE: (503) 691-2010 TOLL FREE: (800) 547-9696 FAX NO.: (503) 692-6048 E-MAIL: gaylord@gaylordusa.com				DRAWING NO.: 04-1109				DATE: 2-5-08				REV: 06			



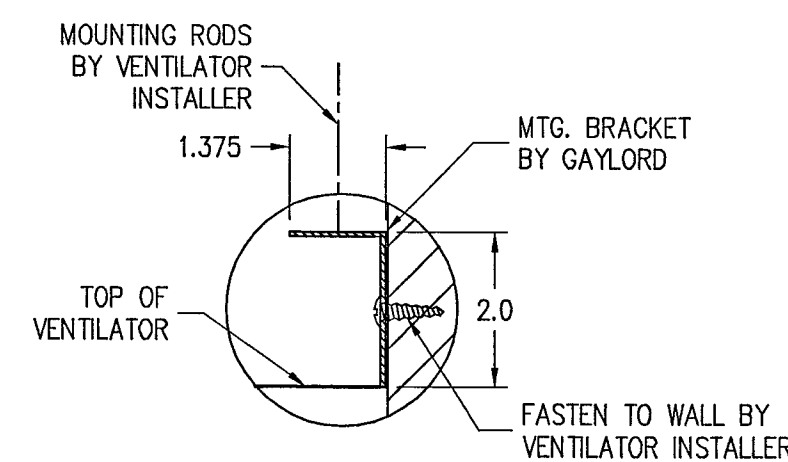
PLAN VIEW



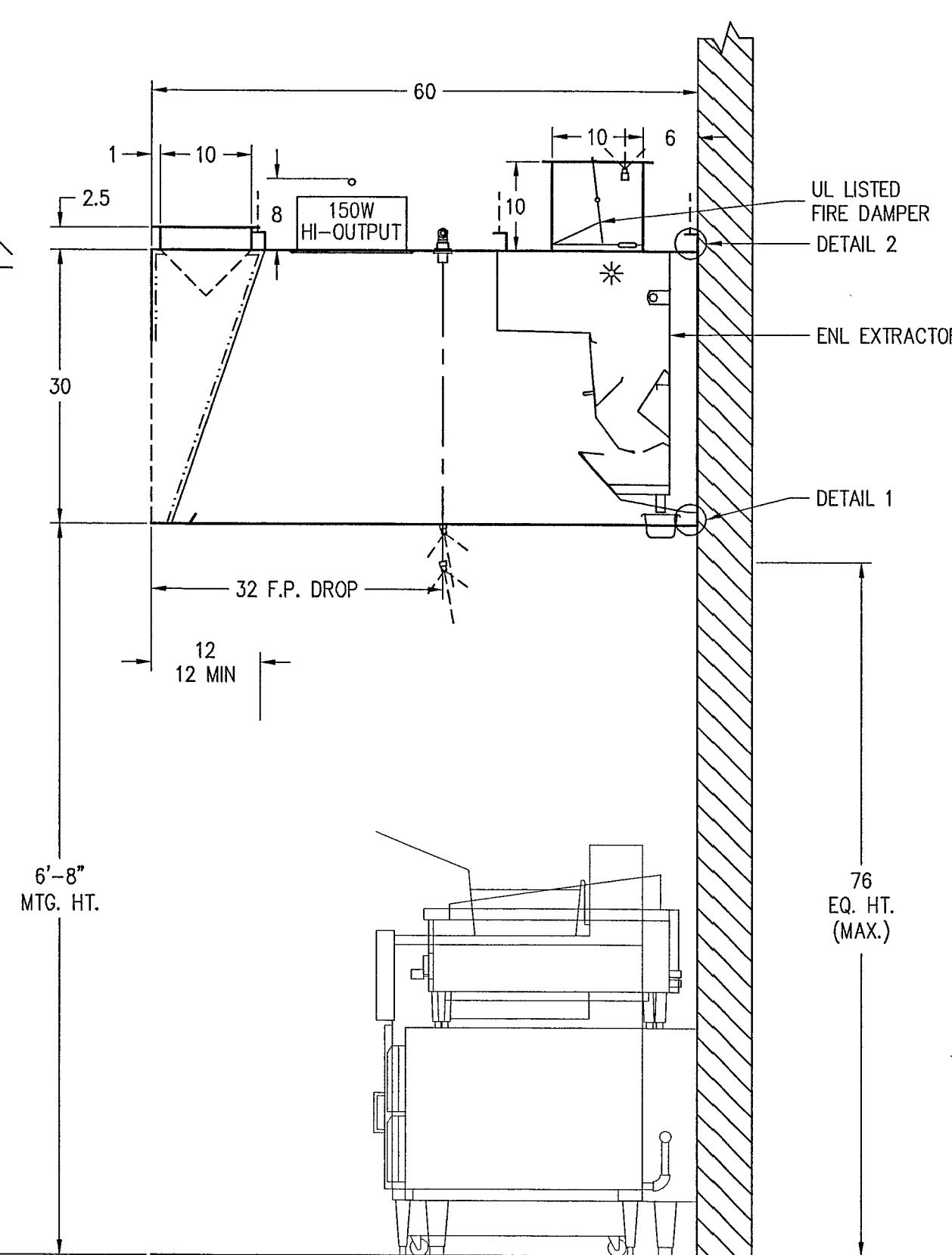
ELEVATION VIEW



DETAIL 1



DETAIL 2



SECTION VIEW

NOTE: PRIOR TO FABRICATION
EQUIPMENT MODEL,
MANUFACTURER & LOCATION
MUST BE VERIFIED
FOR FIRE PROTECTION

VENTILATOR NOTES (NON-WATER WASH)

- VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT AND LOCATION IN RELATION TO VENTILATOR PRIOR TO FABRICATION.
- FRONT AND REAR MOUNTING BRACKETS HAVE Ø0.625" HOLES. BRACKETS TO BE SUPPORTED WITHIN 12" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.
- INTERIOR MOUNTING BRACKET(S) TO BE SUPPORTED WITHIN 36" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.

VENTILATOR WIRING NOTES (NON-WATER WASH)

- N/A
- * LIGHT FIXTURES, VAPOR PROOF, U.L. LISTED, * FURNISHED, INSTALLED AND WIRED BY GAYLORD.
- (2) WIRES AND GROUND, FOR LIGHT(S), IN FLEXIBLE CONDUIT, EXTENDING 6' BEYOND END OF VENTILATOR BY GAYLORD. WIRED TO LIGHT SWITCH BY ELECTRICAL CONTRACTOR.

VERIFY CEILING CONDITIONS

EXACT FLOOR TO STRUCTURAL CEILING AND FLOOR TO FINISH CEILING HEIGHTS MUST BE VERIFIED FOR VENTILATOR DESIGN. INCORRECT HEIGHTS MAY CAUSE THE VENTILATOR TO NOT FIT PROPERLY OR COMPLY WITH CLEARANCES SPECIFIED IN APPLICABLE CODES AND STANDARDS. CAUTION: IF THE FINISHED CEILING IS HIGHER THAN THE TOP OF THE VENTILATOR, ENCLOSURE PANELS MAY BE REQUIRED.

FLOOR TO STRUCTURAL CEILING: (VERIFY)
FLOOR TO FINISH CEILING: 9'-0" (VERIFY)

FIRE PROTECTION SYSTEM NOTES ANSUL R-102-ASEF

FP-1) LOCATION OF FIRE PROTECTION NOZZLES MUST BE VERIFIED IN RELATION TO THE COOKING EQUIPMENT, PRIOR TO VENTILATOR FABRICATION.

COMPLETE SYSTEM INCLUDING APPLIANCE DROPS AND SURFACE MOUNTED DETECTION BRACKETS, WITH FIELD INSTALLATION BY GAYLORD.

ANSUL FIRE SYSTEM FACTORY PRE-PIPED CHEMICAL LINES INCLUDING DUCT, PLENUM AND APPLIANCE DROPS WITH ALL NOZZLES INSTALLED PER COOKING EQUIPMENT ARRANGEMENT ON GAYLORD APPROVED DRAWINGS. ALL EXPOSED CHEMICAL PIPING CHROME PLATED OR CHROME SLEEVED. INCLUDES FACTORY PRE-PIPED DETECTION LINES WITH SURFACE MOUNTED DETECTOR BRACKETS. INSTALLATION BY CERTIFIED FACTORY INSTALLERS.

- INCLUDES:
- * TANK(S) AND RELEASE ASSEMBLY(S)
 - * CHEMICAL
 - * DETECTOR CABLE
 - * FUSIBLE LINKS WITH LINKAGE
 - * EXPELLANT GAS CARTRIDGE(S) (PROVIDED BY FIRE PROTECTION INSTALLER)
 - * (1) REMOTE MANUAL PULL STATION
 - * (1) GAS VALVE PER FIRE SYSTEM WITH A MAXIMUM SIZE OF 2-1/2"
 - * (1) MANUAL RESET RELAY PER FIRE SYSTEM, IF REQUIRED
 - * PLANS AND PERMITS (ON JOBS INSIDE OF THE UNITED STATES AND NON-MARINE JOBS)
 - * PARTS AND INSTALLATION OF CHEMICAL AND DETECTION LINES FROM TANK(S) TO CONNECTION POINTS ON HOOD
 - * INSTALLATION OF TANKS AND RELATED COMPONENTS
 - * INSTALLATION OF DETECTOR CABLE AND FUSIBLE LINKS
 - * INSTALLATION OF REMOTE MANUAL PULL STATION
 - * JOB SITE REPOSITIONING OF NOZZLES AS PER GAYLORD APPROVED DRAWINGS, IF REQUIRED TO MEET SYSTEM DESIGN REQUIREMENTS
 - * TRIP TEST AND CERTIFICATION (ON JOBS INSIDE OF THE UNITED STATES AND NON-MARINE JOBS)

- EXCLUDES:
- * UNION LABOR AND PREVAILING WAGE
 - * INSTALLATION OF GAS VALVE(S)
 - * ELECTRICAL DISCONNECTS
 - * PARTS AND LABOR FOR ANY ELECTRICAL INTERCONNECTIONS
 - * JOB SITE REPOSITIONING OF NOZZLES IF COOKING EQUIPMENT IS NOT INSTALLED PER GAYLORD APPROVED DRAWINGS
 - * PLANS AND PERMITS ON JOBS OUTSIDE OF THE UNITED STATES AND ON MARINE JOBS
 - * TRIP TEST AND CERTIFICATION ON JOBS OUTSIDE OF THE UNITED STATES AND ON MARINE JOBS
 - * HANDHELD FIRE EXTINGUISHER(S)
 - * INSPECTION AND SERVICING
 - * RECESSED ANSUL CABINET(S)

INSTALLATION INFORMATION

MAXIMUM VENTILATOR DIMENSION:
11'-6" L. x 5'-0" W.
3'-4" H.
TOTAL ESTIMATED HANGING WEIGHT:
1208 LBS.

VENTILATORS MANUFACTURED IN MULTIPLE SECTIONS ARE PROVIDED WITH BOLTS, CLIPS, AND ALL NECESSARY HARDWARE FOR RECONNECTING BY THE VENTILATOR INSTALLER. CONTROL AND LIGHTING WIRING ARE PRE-WIRED AND DISCONNECTED FOR SHIPMENT. WIRING MUST BE RECONNECTED BY APPLICABLE TRADES.

REV	DRWN BY	DATE	REVISIONS	CHECKED BY

This plan is made from available information, but measurements are to be verified by contractors, installers and others in connection with this job. Gaylord Industries accepts no responsibility for work done by contractors, installers and others, and will not stand any expense for charges made necessary by local building codes, ordinances, structural conditions or by the substitution or changes in equipment shown in this plan. This plan must be verified and approved by proper parties before fabrication can be started and approval shall not be made unless contractors, installers and others have reviewed applicable codes with code authorities. Reference is made to the general notes, which are a part of these plans and all contractors, installers and others utilizing these plans are advised they are responsible for examining and becoming familiar with said general notes before commencing any work hereunder. Any inconsistencies between these plans and the general notes, or between these plans, the general notes, and local building codes or ordinances must be immediately called to the attention of Gaylord Industries in writing so that any such inconsistencies can be resolved.

Gaylord Industries must be notified of any changes made to the plan in a clear and conspicuous manner. Gaylord Industries will not be responsible for any incidental or consequential damages incurred by others as a result of contractors, installers and others failure to notify Gaylord of changes to the plan. This plan is the property of Gaylord Industries and is not to be copied, reproduced, or distributed, either in whole or in part. It is not to be used unless under Gaylord Industries supervision, directly or otherwise, nor may it be used in anyway detrimental to Gaylord Industries. The Gaylord Ventilator is patented and owned by Gaylord Industries with patents issued and pending.

**GAYLORD®
INDUSTRIES, INC.**

10900 S.W. AVERY ST.
P.O. BOX 1149
TUALATIN, OR 97062-1149

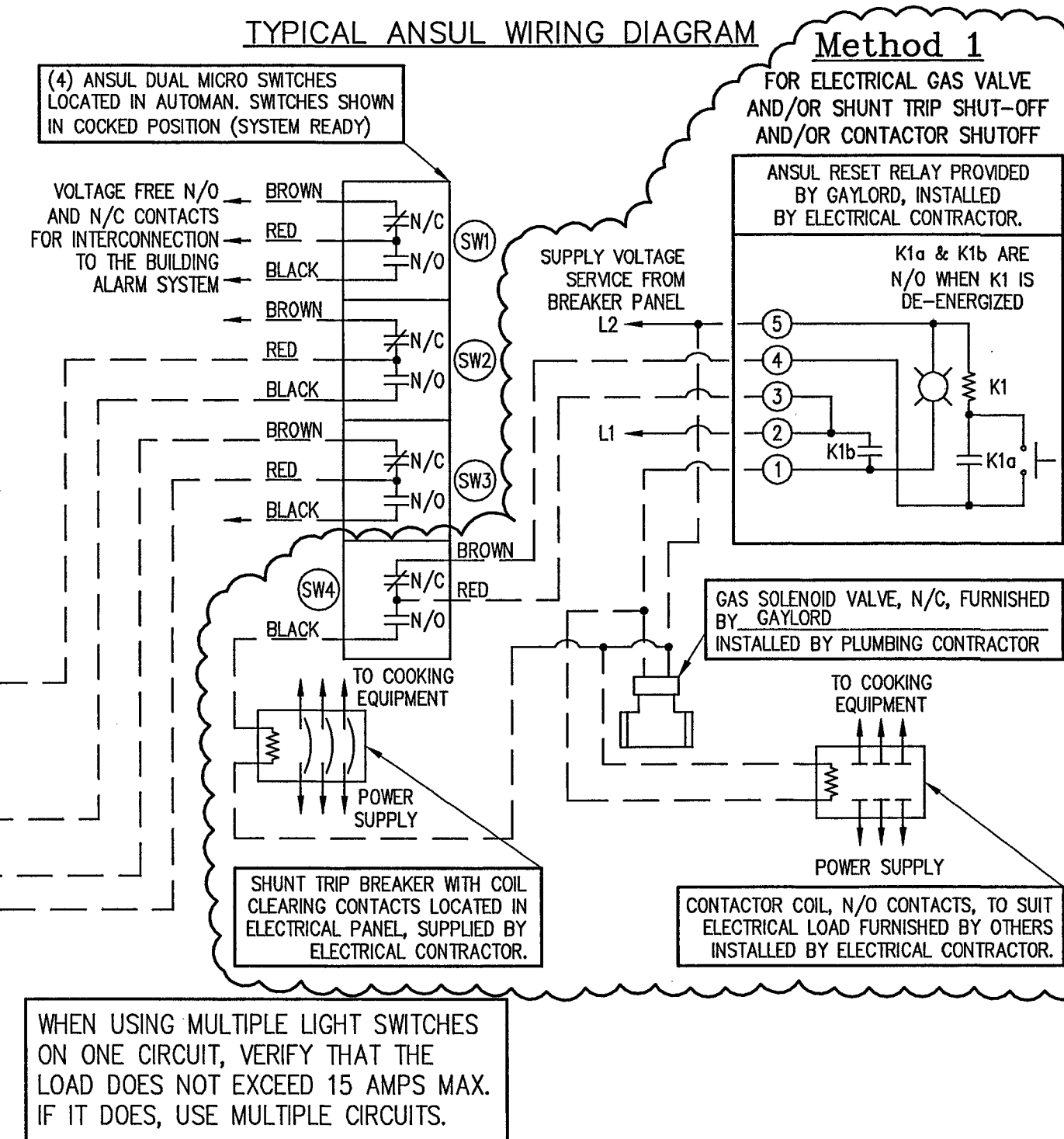
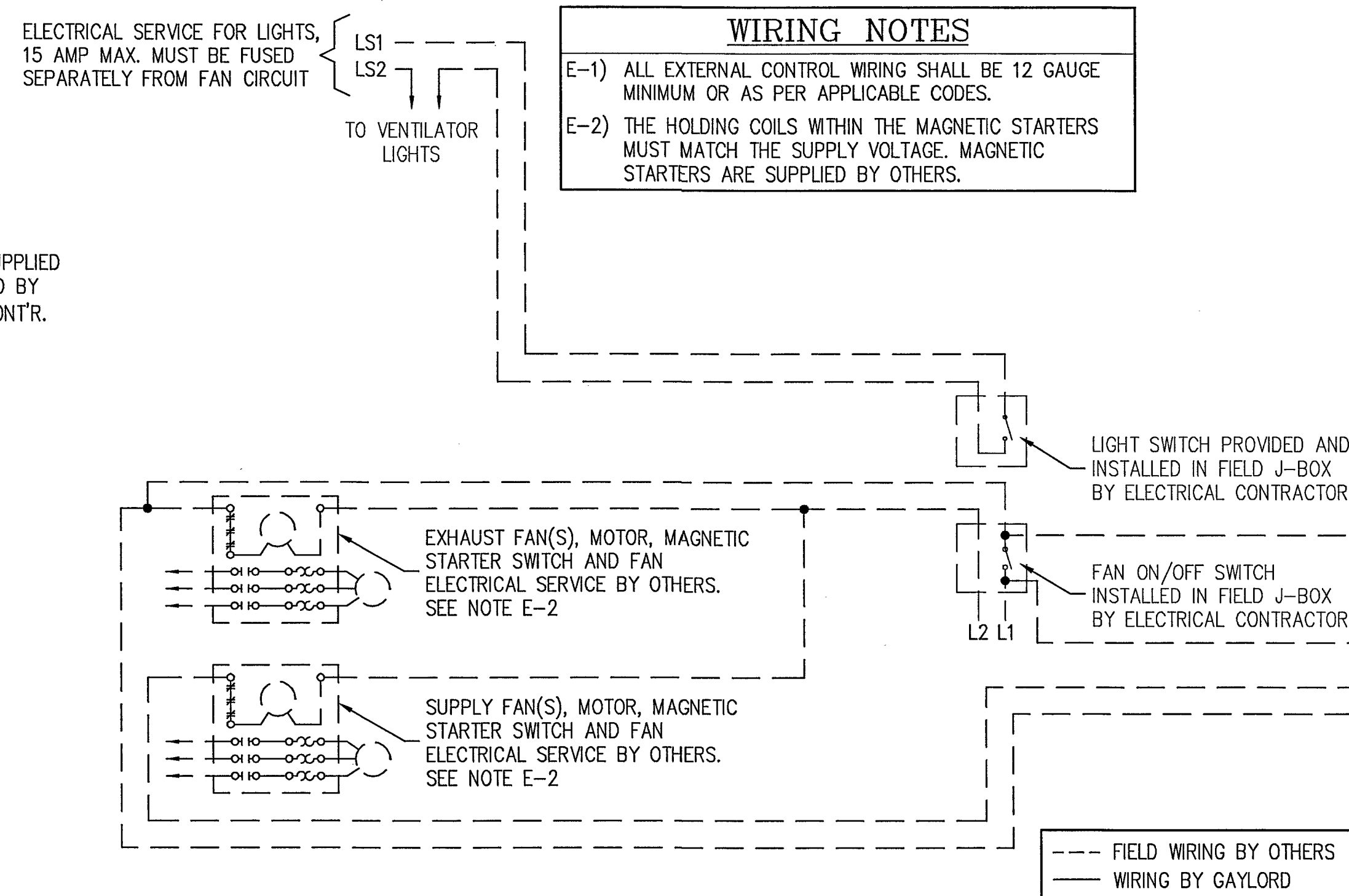
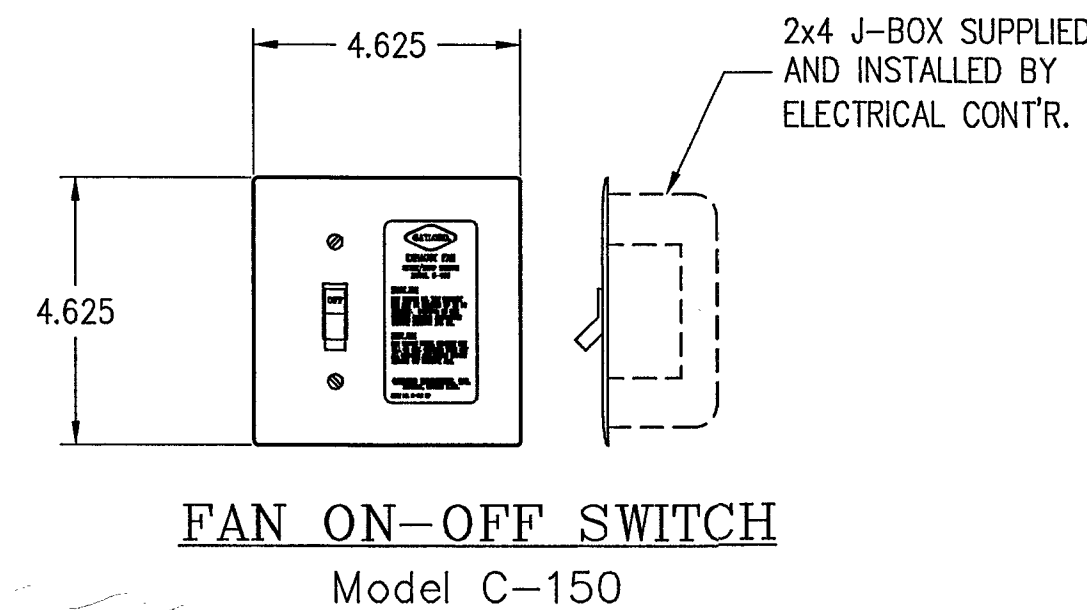
TELEPHONE: (503) 691-2010
TOLL FREE: (800) 547-9696
FAX NO.: (503) 692-6048
E-MAIL: gaylord@gaylordusa.com

DIMENSION TOLERANCE
± 1/4" (6mm)

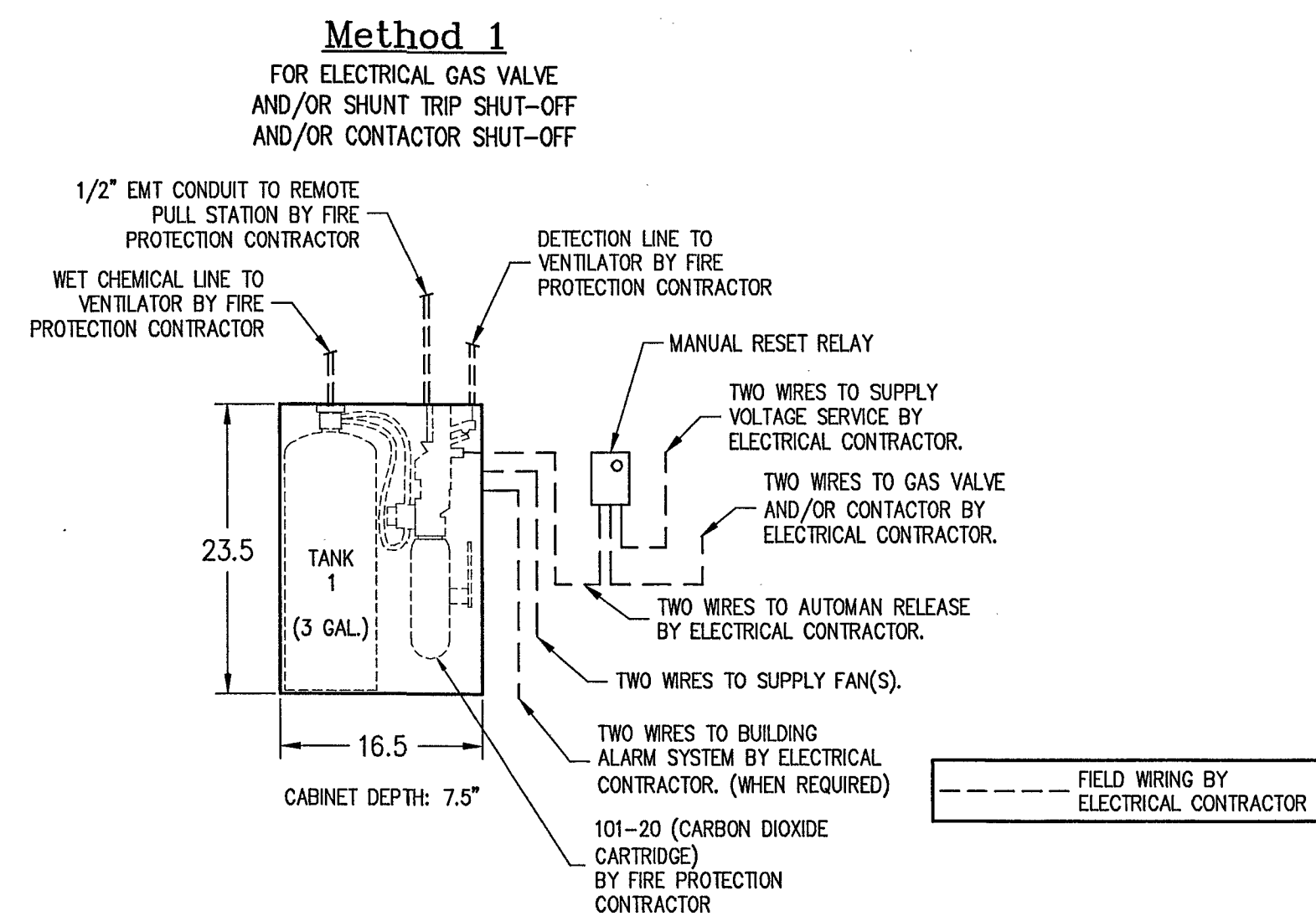
ANSUL R-102-ASEF-1T-7N-10F	96	04110905
GX2-FDD-BDL-MAW-CA-60	104	04110906
MODEL #	ITEM #	WORK ORDER #
DRAWN BY: EP	CHECKED BY:	ELECT. CHECK:
F.P. CHECK:	S.E. APPROVAL:	
LAS VEGAS DETENTION CENTER		
Las Vegas, NV		
DRAWING NO. 04-1109	DATE 2-5-05	REV: SHEET NO: 07



513-5525



TYPICAL ANSUL TANK SCHEMATIC (FOR NON-WATER WASH VENTILATOR)



INSTALLATION INFORMATION

REV	DRWN BY	DATE	REVISIONS	CHECKED BY

This plan is made from available information, but measurements are to be verified by contractors, installers and others in connection with this job. Gaylord Industries accepts no responsibility for work done by contractors, installers and others, and will not stand any expense for charges made necessary by local building codes, ordinances, structural conditions or by the substitution or changes in equipment shown in this plan. This plan must be verified and approved by proper parties before fabrication can be started and approval shall not be made unless contractors, installers and others have reviewed applicable codes with code authorities. Reference is made to the general notes, which are a part of these plans and all contractors, installers and others utilizing these plans are advised they are responsible for examining and becoming familiar with said general notes before commencing any work hereunder. Any inconsistencies between these plans and the general notes, or between these plans, the general notes, and local building codes or ordinances must be immediately called to the attention of Gaylord Industries in writing so that any such inconsistencies can be resolved.

Gaylord Industries must be notified of any changes made to the plan in a clear and conspicuous manner. Gaylord Industries will not be responsible for any incidental or consequential damages incurred by others as a result of contractors, installers and others failure to notify Gaylord of changes to the plan. This plan is the property of Gaylord Industries and is not to be copied, reproduced, or distributed, either in whole or in part. It is not to be used unless under Gaylord Industries supervision, directly or otherwise, nor may it be used in any way detrimental to Gaylord Industries. The Gaylord Ventilator is patented and owned by Gaylord Industries with patents issued and pending.

GAYLORD® INDUSTRIES, INC.

10900 S.W. AVERY ST.
P.O. BOX 1149
TUALATIN, OR 97062-1149

TELEPHONE: (503) 691-2010
TOLL FREE: (800) 547-9696
FAX NO.: (503) 692-6048
E-MAIL: gaylord@gaylordusa.com

DIMENSION TOLERANCE
± 1/4" (6mm)

ANSUL R-102-ASEF-1T-7N-10F	96	04110905
GX2-FDD-BDL-MAW-CA-60	104	04110906
MODEL #	ITEM #	WORK ORDER #
DRAWN BY: EP	CHECKED BY:	ELECT. CHECK:
F.P. CHECK:	S.E. APPROVAL:	
LAS VEGAS DETENTION CENTER		
Las Vegas, NV		
DRAWING NO: 04-1109	DATE: 2-5-05	REV: 08
SHEET NO: 08		



513-5523