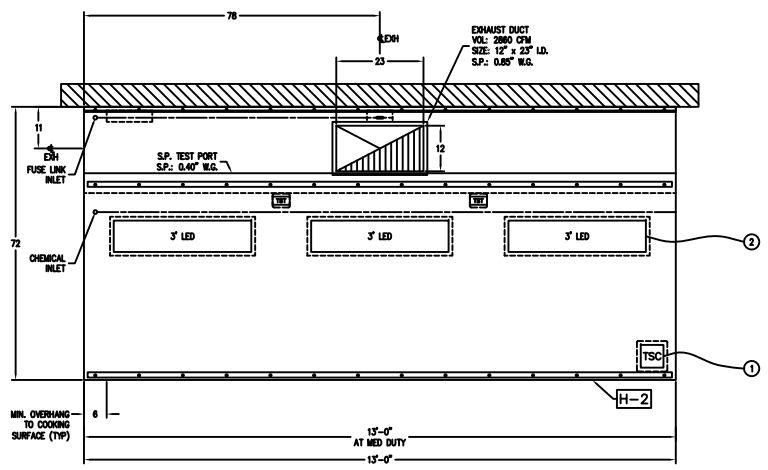
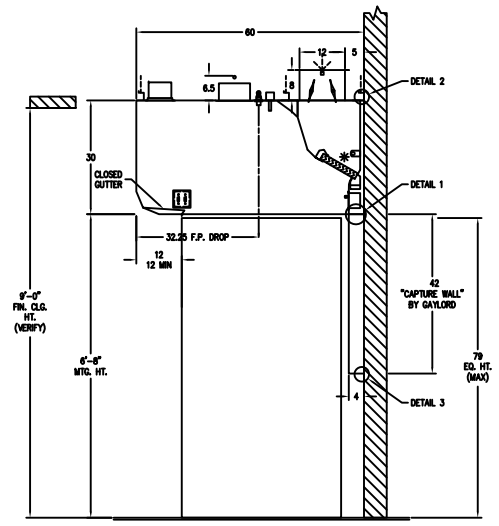
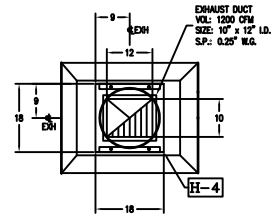


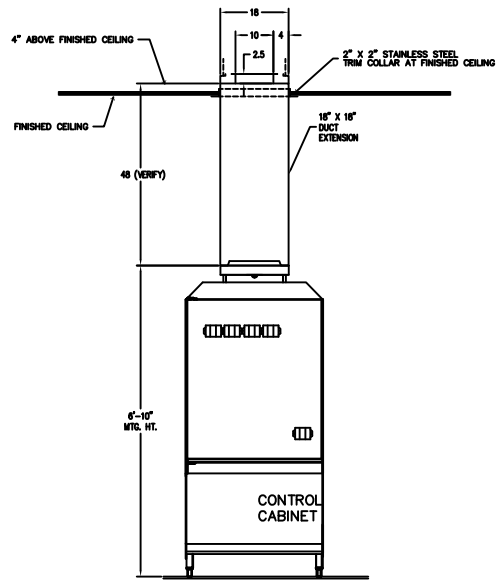
PLAN VIEW
ITEM # 18



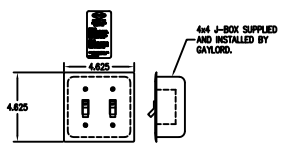
SECTION VIEW
ITEM # 18



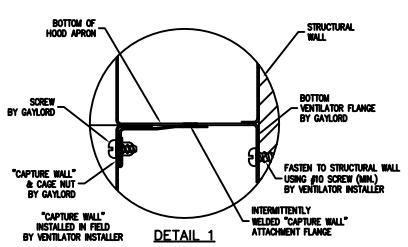
PLAN VIEW
ITEM # 41



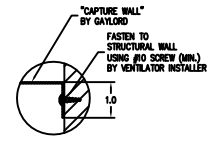
SECTION VIEW
ITEM # 41



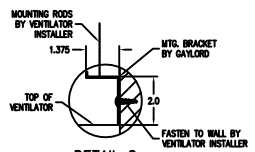
FAN ON-OFF SWITCH/LIGHT SWITCH
Model C-150-LS



DETAIL 1



DETAIL 3



DETAIL 2

VENTILATOR NOTES (NON-WATER WASH)

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 ø0.625" HOLES. BRACKETS TO BE SUPPORTED WITHIN 12" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.

C) INTERIOR MOUNTING BRACKETS TO BE SUPPORTED WITHIN 36" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.

VERIFY EXHAUST & SUPPLY FANS

A) VERIFY IF THIS HOOD IS EXHAUSTED ON ITS OWN EXHAUST FAN OR IS IT EXHAUSTED ON A COMMON EXHAUST FAN SHARED WITH OTHER HOODS.

B) VERIFY NUMBER OF SUPPLY (MAKE-UP AIR) FANS.

LIGHTING NOTE

THIS LIGHTING IN THIS VENTILATOR IS DESIGNED TO PROVIDE 50 FOOT CANDLES OF LIGHT AT THE COOKING SURFACE, IF SO FOOT CANDLES OF LIGHTING IS PROVIDED IN THE SURROUNDING SPACE.

USE LED LIGHT FIXTURES, AND LED BULBS PROVIDED BY GAYLORD.

VENTILATOR WIRING NOTES (NON-WATER WASH)

① (4) WIRES AND GROUND, FOR AUTOSTART, IN FLEXIBLE CONDUIT, EXTENDING 6" BEYOND END OF VENTILATOR BY GAYLORD. (2) WIRED TO SUPPLY VOLTAGE AND (2) WIRED TO FAN ON/OFF SWITCH BY ELECTRICAL CONTRACTOR.

* 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.

"CAPTURE WALL" INSTALLATION DETAILS

1) INSTALL VENTILATOR.

2) REMOVE 2"x4" SHIPPING BLOCK FROM BOTTOM OF VENTILATOR.

3) SECURE BOTTOM VENTILATOR FLANGE TO STRUCTURAL WALL USING (#0 SCREWS (MIN.) ON A MAXIMUM OF 32" CENTERS. (SEE DETAIL #3)

4) ATTACH "CAPTURE WALL" TO VENTILATOR USING SCREWS AND CASE NUTS PROVIDED AT PRE-DRILLED LOCATIONS.

5) SECURE BOTTOM OF "CAPTURE WALL" TO STRUCTURAL WALL USING (#0 SCREWS (MIN.) ON A MAXIMUM OF 32" CENTERS. (SEE DETAIL #3)

6) IF LOCAL JURISDICTION ALLOWS, INSTALLER TO APPLY SILICONE CAULK ON ALL JOINTS CONNECTING TO BUILDING WALL AND VERTICAL SEAMS (IF APPLICABLE).

FIRE PROTECTION SYSTEM NOTES
ANSUL R-102-ASEFC

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, SURFACE MOUNTED DETECTION BRACKETS, AND A STAINLESS STEEL CABINET ON THE END OF THE HOOD BY GAYLORD, WITH FIELD INSTALLATION BY GAYLORD.

ANSUL FIRE SYSTEM FACTORY INSTALLED IN A STAINLESS STEEL CABINET ON THE END OF THE HOOD. PRE-PIPED CHEMICAL LINES INCLUDING DUCT, PLENUM AND APPLIANCE DROPS WITH ALL NOZZLES INSTALLED PER COOKING EQUIPMENT ARRANGEMENT ON GAYLORD APPROVED DRAWINGS. ALL EXPOSED PIPING CHROME PLATED OR CHROME SLEEVED. INCLUDES FACTORY PRE-PIPED DETECTION LINES WITH SURFACE MOUNTED DETECTOR BRACKETS. CHEMICAL AND DETECTION LINES INTERCONNECTED TO TANK(S). 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 3-1/2"
- (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)

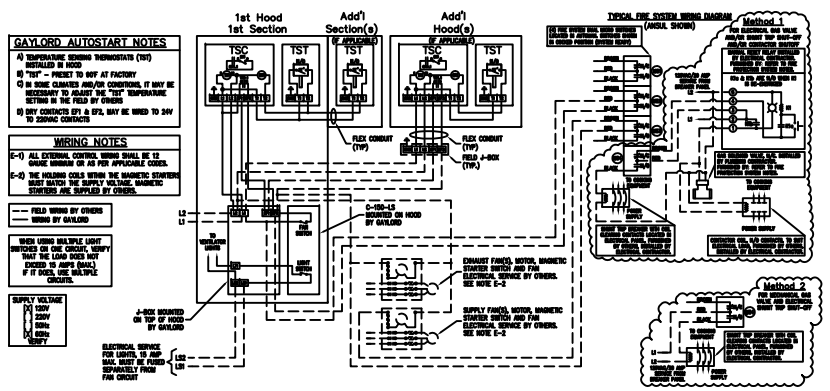
EXCLUDES:
- UNION LABOR AND PREVAILING WAGE
- INSTALLATION OF GAS VALVE(S)
- ELECTRICAL DISCONNECTS
- PARTS AND LABOR FOR ANY ELECTRICAL INTERCONNECTIONS
- JOB SITE REPOSITIONING OF NOZZLES IF COOKING EQUIPMENT IS NOT INSTALLED PER GAYLORD APPROVED DRAWINGS
- PLANS AND PERMITS ON JOBS OUTSIDE OF THE 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

VERIFY CEILING CONDITIONS

EXACT FLOOR TO STRUCTURAL CEILING AND FLOOR TO FINISH CEILING HEIGHTS MUST BE VERIFIED FOR VENTILATION 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: FIN. CLNG



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REV NO:	REVISIONS:	REV NO:	REVISIONS:

Portland Public Schools
Central Kitchen
92 Waldron Way
Portland, Maine

PROJECT: Portland Public Schools Central Kitchen	DATE: 2-1-2013
DRAWN BY: T. McArdle	CHECKED BY: T. McArdle
SCALE: 3/4"=1'-0"	

SHEET TITLE: Foodservice Equipment Exhaust Hood Details

SHEET NO: FS-10