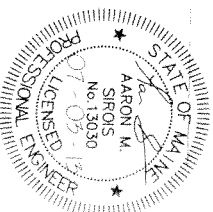
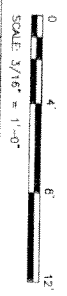


KITCHEN HOOD SKETCH  
SCALE 3/16" = 1'-0"



THIS SEAL, NOTE, TITLE, DRAWING NO., PROJECT NAME, DATE, SCALE, AND PROJECT LOCATION SHALL BE KEPT WITH THE ORIGINAL DRAWING AND NOT BE LOANED, REPRODUCED, COPIED, OR ALTERED IN ANY MANNER. ANY VIOLATION OF THESE RULES SHALL BE CONSIDERED A VIOLATION OF THE PROFESSIONAL ENGINEERING ACT.

PROJECT NO.	206-001-001	DATE	06/20/23
PROJECT NAME	KITCHEN HOOD SKETCH	DRAWN BY	AS
CLIENT NAME	LEBEL'S SHEET METAL	CHECKED BY	AS
CLIENT ADDRESS	101 TACOMA KITCHEN HODDS	DATE	06/20/23
	ONE CITY CENTER, PORTLAND, ME		



DESIGN VALUES:  
AIRFLOW: PER NFPA 96-2011 8.2.1.1 MINIMUM AIR VELOCITY THROUGH ANY DUCT SHALL BE 500 FT/MIN (2.7 SF) 500 FPM x 1.7 SF = 1,850 CFM MIN  
LARGEST DUCT = 38"x14" (2.7 SF) 500 FPM x 1.7 SF = 1,850 CFM MIN  
CHECK HOOD: PER MEC 2099 6.2.7.1.3  
MEDIUM DUTY WALL MOUNTED COOKTOP HOOD:  
MINIMUM 300 CFM/LINEAR FOOT 300 x 7 FT = 2,100 CFM

- FIELD NOTES:
1. CAPTIVE AIR 4824 NO-2, 7 FOOT EXHAUST HOOD WITH SS Baffle FILTERS, BALANCING DAMPER AND 3 INCH REAR STANDOFF FOR ZERO CLEARANCE TO COMBUSTIBLES.
  2. 6-BURNER GAS RANGE AND CONVECTION OVEN
  3. 12"x12" APPROVED DUCT CLEANOUT DOOR PROVIDE STORAGE "ACCESS PANEL" DO NOT OBSTRUCT
  4. BALANCE DUCT FLOW TO 2,100 CFM

- NOTES:
1. CONSTRUCTION AND INSTALLATION OF KITCHEN HOOD EXHAUST SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 96-2011 8.2.1.1 AND 8.2.1.2.
  2. DUCT MATERIAL SHALL BE MINIMUM 16 GA CARBON STEEL WITH CONTINUOUS SEAM WELDED JOINTS MADE ON EXTERIOR OF DUCT.
  3. LIQUID TIGHT WELDED JOINTS SHALL BE OF NON-COMBUSTIBLE MATERIAL.
  4. SECURITY FASTENING SHALL BE OF NON-COMBUSTIBLE MATERIAL AND OTHER MECHANICAL FASTENERS SHALL NOT BE USED TO ATTACH HOOD OR DUCT TO STRUCTURE.
  5. LEAK TEST SHALL BE PERFORMED: A MINIMUM 100 WATT LIGHT BULB SHALL BE USED TO TEST THROUGH THE INTERIOR OF THE DUCT AND VISUALLY INSPECTED FOR LEAKS.
  6. INSULATE ALL DUCTWORK AND FITTINGS WITH 3/4" FIRE BARRIER DUCT WRAP.
  7. 6" DUCT TO PROVIDE ZERO CLEARANCE TO COMBUSTIBLES.
  8. 6" DUCT TO PROVIDE ZERO CLEARANCE TO COMBUSTIBLES.
  9. 6" DUCT TO PROVIDE ZERO CLEARANCE TO COMBUSTIBLES.
  10. AS WELL AS VISUALLY VERIFY COMPLIANCE WITH ALL REQUIREMENTS.
  11. CONFORM WITH OWNER EXHAUST FAN IS LISTED AS UL 782.
  12. EXHAUST FAN SHALL CLEAR FROM HOOD TO COMBUSTIBLE CEILING TILES.
  13. EXHAUST FAN SHALL CLEAR FROM HOOD TO COMBUSTIBLE CEILING TILES.
  14. IS OPERATING, GAS AND ELECTRICAL SUPPLY SHALL SHUTDOWN UPON FAILURE OF FAN.
  15. PROVIDE OPERABLE FIRE EXTINGUISHER PER NFPA 10 AND UL 300.
  16. PROVIDE OPERABLE FIRE EXTINGUISHER PER NFPA 10 AND UL 300.
  17. SUPERSESSOR SHALL ALSO ACTIVATE SYSTEM ACTIVATION OF THE FIRE EXTINGUISHER.
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