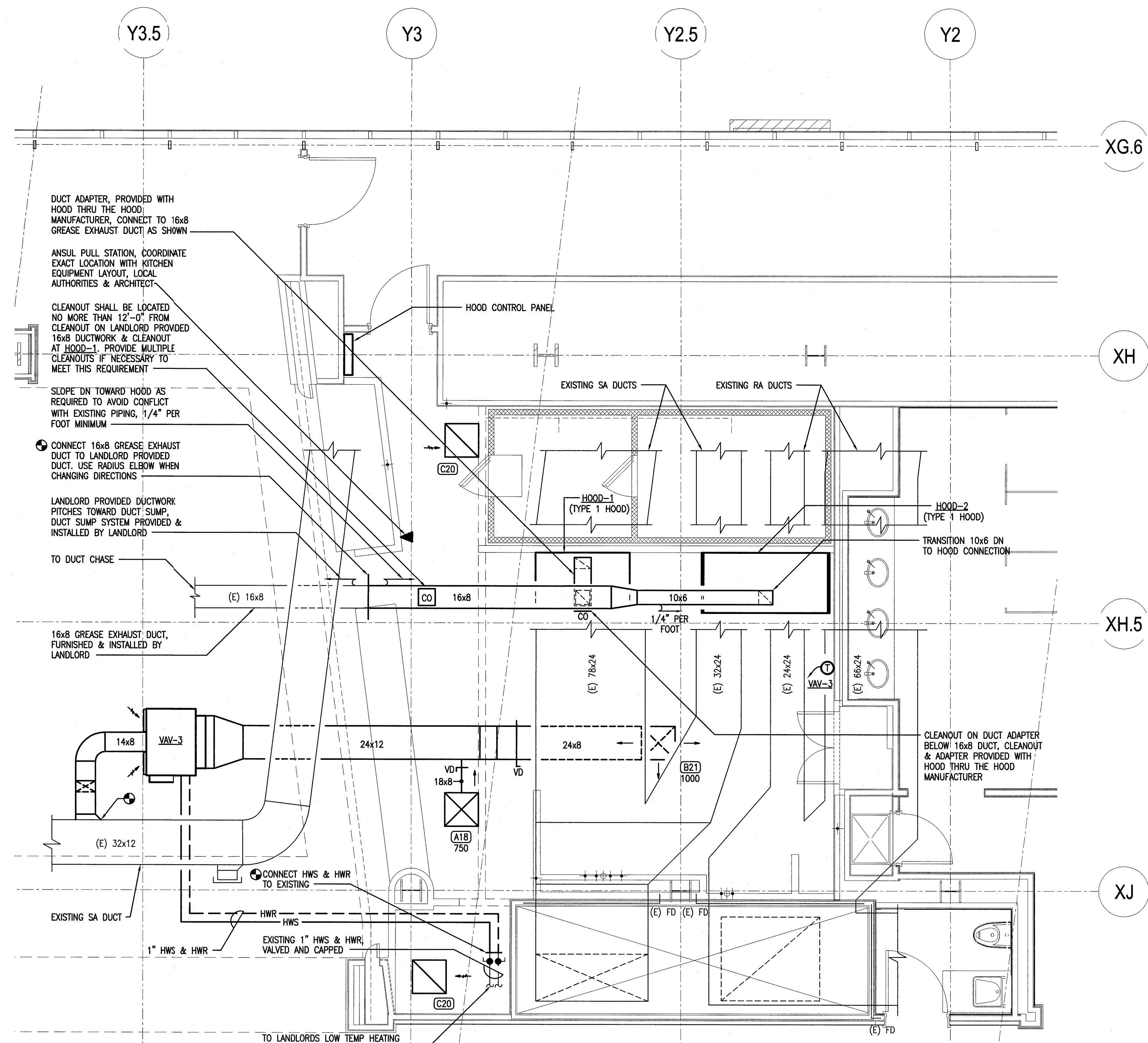


1 MECHANICAL PART PLAN
1/4"=1'-0"



2 MECHANICAL FLOOR PLAN
1/4"=1'-0"

MECHANICAL NOTES:

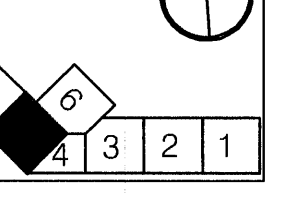
1. BEFORE STARTING WORK IN A PARTICULAR AREA OF THE PROJECT, VISIT SITE AND EXAMINE CONDITIONS UNDER WHICH WORK MUST BE PERFORMED INCLUDING PREPARATORY WORK DONE UNDER OTHER SECTIONS OR CONTRACTS OR BY OWNER. REPORT CONDITIONS THAT MIGHT AFFECT WORK ADVERSELY IN WRITING THROUGH CONTRACTOR TO ARCHITECT. DO NOT PROCEED WITH WORK UNTIL DEFECTS HAVE BEEN CORRECTED AND CONDITIONS ARE SATISFACTORY. COMMENCEMENT OF WORK SHALL BE CONSIDERED AS COMPLETE ACCEPTANCE OF EXISTING AND PREPARATORY WORK.
2. GREASE EXHAUST DUCTWORK SHALL BE CONSTRUCTED USING RADIUS ELBOWS. SHARP 90 DEGREE BENDS SHALL BE UNACCEPTABLE.
3. ALL GREASE EXHAUST DUCTWORK SERVING TYPE 1 HOODS SHALL BE CONSTRUCTED & INSTALLED IN COMPLIANCE WITH THE INTERNATIONAL MECHANICAL CODE IMC2003 AND THE NATIONAL FIRE PROTECTION ASSOCIATION NFPA96; INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - A) DUCTWORK SHALL BE WELDED, LIQUID TIGHT, 16 GAGE CARBON STEEL.
 - B) DUCTWORK SHALL BE INSULATED IN ITS ENTIRETY, INCLUDING CONCEALED DUCTWORK IN DUCT CHASE, WITH AN INSULATION THAT PROVIDES A ZERO CLEARANCE TO COMBUSTIBLES AND A 2-HOUR FIRE RATING.
 - C) DUCTWORK SHALL BE INSTALLED SO THAT GREASE CANNOT COLLECT IN ANY PORTION THEREOF. NO DIPS IN DUCTWORK THAT COULD COLLECT RESIDUE WILL BE ALLOWED.
 - D) HORIZONTAL RUNS OF DUCTWORK LESS THAN 75 FEET SHALL PITCH A MINIMUM OF 1/4" PER FOOT DOWNWARD TOWARD THE HOOD OR APPROVED GREASE RESERVOIR.
 - E) CLEANOUTS SHALL BE PROVIDED AT EACH CHANGE OF DIRECTION, AT EVERY 12 FEET OF HORIZONTAL SECTIONS OF DUCTS AND IN VERTICAL DUCTWORK AT EACH FLOOR.
 - F) CLEANOUTS SHALL BE LOCATED ON THE SIDES OR TOP OF THE DUCT AT ACCESSIBLE LOCATIONS. LOCATIONS SHOWN ON DRAWINGS ARE DIAGRAMMATICAL. CONTRACTOR SHALL DETERMINE OPTIMAL LOCATIONS FOR ACCESSIBILITY IN FIELD WHILE MAINTAINING THE REQUIREMENTS OF PART E ABOVE.
4. GREASE EXHAUST FAN EE-3 SHALL BE INSTALLED PER THE INTERNATIONAL MECHANICAL CODE IMC2003 & THE NATIONAL FIRE PROTECTION ASSOCIATION NFPA96; INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - A) FAN SHALL TERMINATE A MINIMUM OF 10'-0" FROM ADJACENT WALL STRUCTURE.
 - B) FAN SHALL TERMINATE A MINIMUM OF 24" HORIZONTALLY FROM ADJACENT GENERATOR ROOM STRUCTURE. FAN SHALL TERMINATE AT THE SAME LEVEL OR HIGHER THAN THIS STRUCTURE.
 - C) FAN SHALL TERMINATE A MINIMUM OF 10'-0" FROM ROOF EDGE AND ALL OUTSIDE AIR INTAKES.
 - D) FAN SHALL BE PROVIDED WITH A VENTED HINGED ROOF CURB.
 - E) FAN SHALL BE PROVIDED WITH A GREASE DRAIN & COLLECTION DEVICE.
5. COORDINATE EXACT LOCATION OF VAV BOX WITH EXISTING AND NEW DUCTWORK, PIPING, CONDUIT, ETC.
6. LOCATION OF VAV BOX AND ASSOCIATED DUCTWORK AND PIPING SHALL NOT COMPROMISE ACCESS TO KITCHEN HOOD EXHAUST DUCT CLEANOUTS.
7. PROVIDE SUFFICIENT ACCESS TO VAV BOX FILTERS AND CONTROL BOX.
8. PROVIDE VIBRATION ISOLATION AT CONNECTION TO FAN PER IMC 2003.
9. PROVIDE UNIT DESIGNATION ON FAN NAME PLATE.
10. CONTRACTOR SHALL TEST AND BALANCE ALL HVAC SYSTEMS. TEMPERATURE CONTROLS SHALL MATCH BUILDING STANDARDS.

Item	Date
PERMIT	5-27-11



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KEY PLAN



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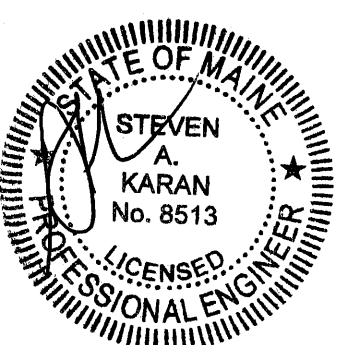
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Job No.:

Scale: 1/4" = 1'-0"

Issued: 5-27-11

BURGER KING
MECHANICAL
FLOOR PLAN



M-2.01