



- NOTE:**
- SEE SHEET M-001 FOR LEGEND AND ABBREVIATIONS.
- KEYED NOTES:**
- TWO RG-6 GRILLES - ONE MOUNTED ABOVE THE OTHER. BOTTOM GRILLE 60" AFF. 24x48 PLENUM TO CONNECT GRILLES TO 20x30 RETURN AIR DUCT. PAINT INSIDE OF DUCT & PLENUM FLAT BLACK.
 - DRUM LOUVER (DL-2) MOUNTED ON 28" DUCT POINTED DOWN AT 45° BELOW HORIZONTAL.
 - GRILLE MOUNTED 12" BELOW CEILING - LONG DIMENSION HORIZONTAL.
 - 30"x30"x16" DEEP - LINED PLENUM @ CEILING - 16"x14" DUCT OUT OF TOP - RG-6 GRILLE ON BOTTOM.
 - 48"x48"x16" DEEP LINED PLENUM @ CEILING - 24"x24" DUCT OUT OF TOP - 2 RG-4 GRILLES MOUNTED ON BOTTOM.
 - IF THE INSTALLATION OF A HOOD IS DEFERRED, INSTALL ONE RG-6 CONNECTED TO THE EXHAUST DUCT WITH A 10" BALANCE FOR 1100 CFM.
 - WHERE DUCT PASSES THROUGH FLOOR, INSTALL A FIRE DAMPER. PROVIDE ACCESS DOOR IN DUCT ABOVE FIRE DAMPER.
 - 4" SCHEDULE 40 PVC PIPE UP FROM UNDERSLAB VENTING SYSTEM - TYPICAL 4 PLACES.

0	ISSUED FOR CONSTRUCTION	10-23-03
REV.	DESCRIPTION	DATE

ISSUED FOR CONSTRUCTION
10-23-03

CURRENT ISSUE STATUS:

PROJECT NORTH

DAVID A. RENFREW
 PROFESSIONAL ENGINEER
 STATE OF MAINE
 LICENSE NO. 10557

SM RT ARCHITECTURE ENGINEERING PLANNING

144 Fore Street, P.O. Box 618
 Portland, Maine 04104
 tel. (207) 772-3846
 fax. (207) 772-1070

THE GULF OF MAINE RESEARCH INSTITUTE
 PORTLAND, MAINE

PROJECT: SECOND FLOOR HVAC PLAN	
SHEET TITLE:	
SCALE: 1/8" = 1'-0"	DATE: 10-23-03
PROJECT MANAGER: DRL	GRAPHIC SCALE: 0" 1"
JOB CAP/DRAWN: SDL/CAH	
A/E OF RECORD: DBR	SHEET No.
SMRT CAD FILE: MH102-03034	MH102
PROJECT No. 03034	

A1 FLOOR PLAN

1/8" = 1'-0"