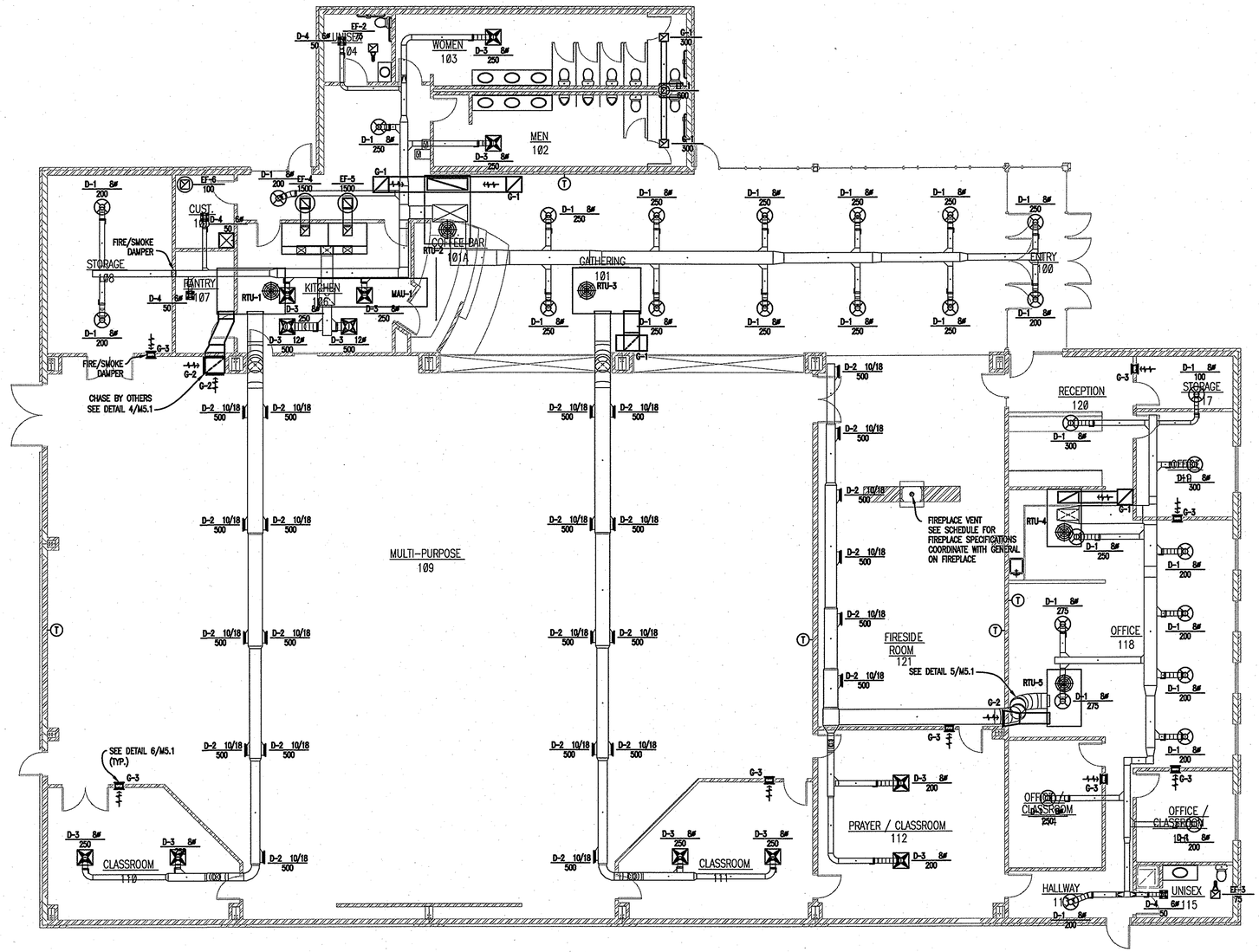
HVAC NOTES

1. MECHANICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, UTILITIES, ETC. PRIOR TO BIDDING AND CONSTRUCTION.
2. INSTALL ALL WORK IN ACCORDANCE WITH STATE AND LOCAL CODE REQUIREMENTS AND MALL CRITERIA.
3. THE USE OF FLEXIBLE DUCT IS LIMITED TO 5'-0", NO ELBOWS.
4. ALL DUCTS SHALL BE SEALED WITH DUCT SEALER SIMILAR TO UNITED SHEET METAL DUCT SEALER.
5. INSULATE ALL NEW SUPPLY AIR RECTANGULAR DUCTS (IN CEILING SPACE) WITH MINIMUM R-8 EXTERIOR DUCT INSULATION, INSTALLED. ROUND DUCTS SHALL HAVE 1½" EXTERIOR WRAP.
6. PROVIDE TESTING AND BALANCING FOR ALL AIR SYSTEMS. SUBMIT REPORTS TO ARCHITECT.
7. SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL OF MAJOR MECHANICAL EQUIPMENT PRIOR TO ORDERING.
8. SEE ALL OTHER DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL WORK AND CLARIFICATIONS OR WORK TO BE PERFORMED.
9. ALL OUTDOOR AIR INTAKES SHALL BE LOCATED A MINIMUM OF 10'-0" FROM EXHAUST VENT, PLUMBING VENTS, ETC.
10. CONDENSATE FROM ROOFTOP EQUIPMENT SHALL DISCHARGE ONTO ROOF VERIFY WITH LOCAL CODE OFFICIALS. IF OBJECTIONABLE, EXTEND CONDENSATE PIPE TO APPROVED FLOOR RECEPTOR OR EXTEND TO APPROVED EXTERIOR LOCATION.
11. ALL DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SMACNA LOW-PRESSURE DUCT CONSTRUCTION STANDARDS. SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. MAKE ALLOWANCE FOR INTERNALLY LINED DUCTWORK. ALL DUCTWORK TO BE RUN AS HIGH AS POSSIBLE TO AVOID ANY CONFLICTS.
12. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DIFFUSERS, REGISTERS, GRILLES LOCATED IN THE CEILING GRID.
13. INSULATE LAST 5 FEET OF DUCT FROM TOILET ROOM EXHAUST DUCT WITH 1½" THICK FIBERGLASS DUCT WRAP.
14. DUCTWORK LAYOUT SHOWN IS RECOMMENDED. ADJUST TO COMPLY WITH LOCAL CODE REQUIREMENTS AND AS BUILT CONDITIONS.
15. PROVIDE 7 DAY PROGRAMMABLE THERMOSTATS WITH AUTO CHANGE OVER SUB-BASES.



NORTH

1 / M1.1 MAIN FLOOR HVAC PLAN

⅛"=1'-0"

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REVISION	DATE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Engineer under the laws of the state of Minnesota.

Perry R. Nistler, P.E.

2-09-07 — Date

22468 — License No.

MAIN FLOOR HVAC PLAN

PROJECT NO.:	06752
SCALE:	AS NOTED
DATE:	2-09-07
DRAWN BY:	KLH
DRAWN BY:	PRN

M1.1

Duffy Project File: 27-06752-MM1.1