

H.V.A.C. NOTES

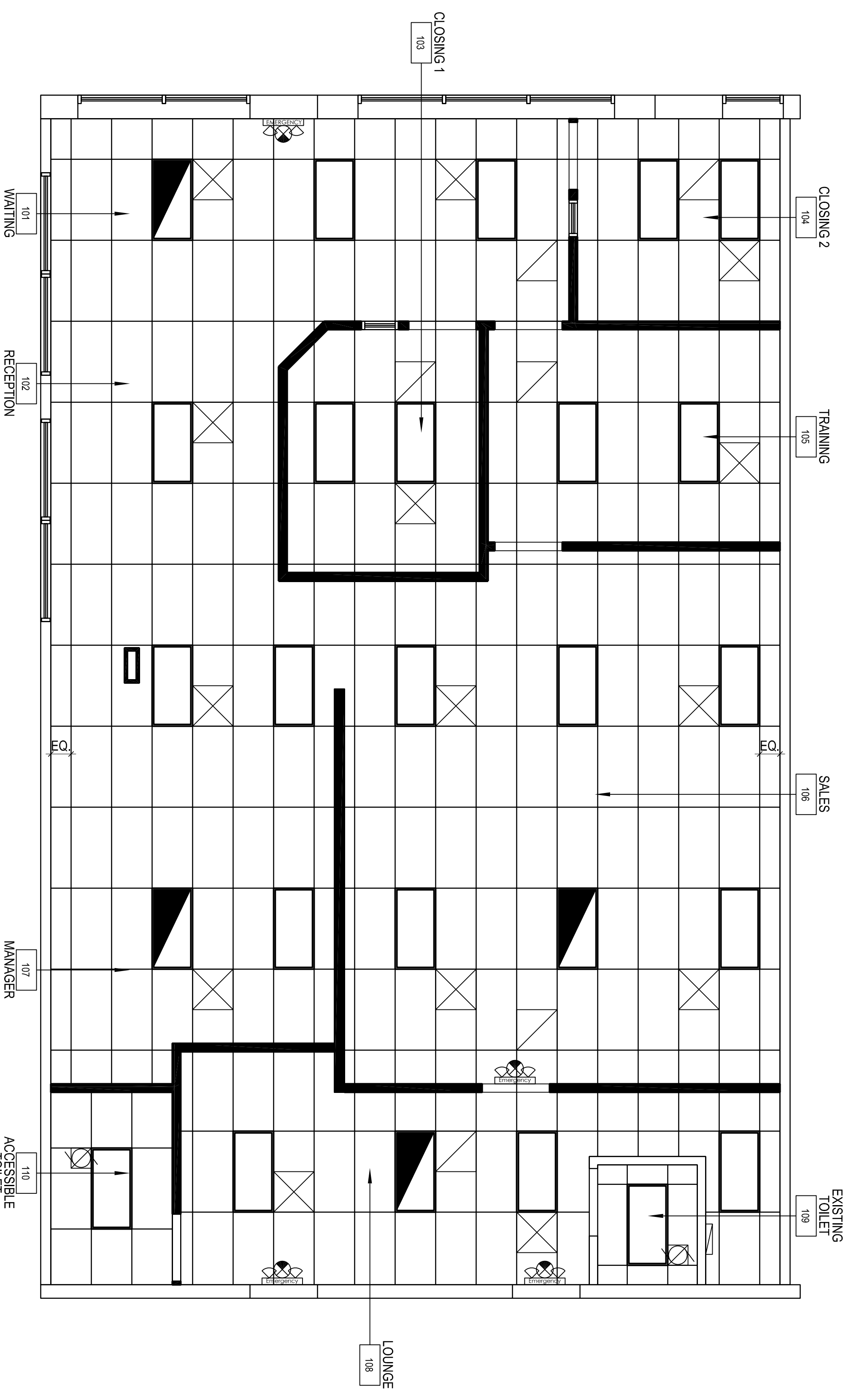
1. HEATING, VENTILATING AND AIR CONDITIONING CONTRACTOR SHALL FINISH AND INSTALL ALL DUCTWORK, DUCTWORK INSTALLATION, RESISTORS, GRILLES, DIFFUSERS AND TERMINAL BOXES.
2. HEATING, VENTILATING AND AIR CONDITIONING CONTRACTORS SHALL FINISH ALL EQUIPMENT, TEMPERATURE CONTROL, COMPONENTS AND ANY SPECIAL MOUNTING OR SUPPORT PACKAGE.
3. HEATING, VENTILATING AND AIR CONDITIONING CONTRACTORS SHALL INSTALL ALL H.V.A.C. EQUIPMENT.
4. ALL WORK TO COMPLY TO LOCAL, MUNICIPAL AND NATIONAL HEATING AND VENTILATION CODES.
5. CONTRACTOR TO COORDINATE ALL WORK WITH THE RESPECTIVE TRADES AND VERIFY LOCATIONS FROM THE ARCHITECTURAL DRAWINGS AND FIELD MEASUREMENTS AND SUPPLIER SHOP DRAWINGS.
6. CONTRACTOR TO VISIT THE SITE TO DETERMINE THE FULL EXTENT OF THE WORK AND FACILITY LOCATIONS AND VERIFY WITH GOVERNING BODIES.
7. OBTAIN AND PAY ALL PERMIT AND INSPECTION FEES AS REQUIRED FOR THIS PORTION OF THE WORK.
8. LAYOUT IS DIAGRAMMATIC AND CONTRACTOR SHALL INSTALL EQUIPMENT AND DUCTWORK TO MEET THE FIELD CONDITIONS AND PROVIDE SHOP DRAWINGS AS MAY BE REQUIRED FOR THE WORK.
9. ALL DUCTWORK CONSTRUCTION SHALL CONFORM TO LOCAL CODES AS WELL AS ASHRAE AND SMACNA CONSTRUCTION STANDARDS FOR LOW VELOCITY DUCTWORK CONSTRUCTION AND NFPA 1994.
10. BRANCH TAKE-OFFS SHALL HAVE SPITTER DAMPERS OR MANUAL DAMPERS FOR ALL SUPPLY OR RETURN AIR DUCT BRANCHES. ALL MAIN BRANCHES SHALL HAVE MANUAL DAMPERS.
11. UPON COMPLETION OF INSTALLATION OF VENTILATION DUCTS, CLEAN ENTIRE SYSTEM OF RUBBER, PLASTER, DIRT, ETC. BEFORE INSTALLING GRILLES OR DIFFUSERS.
12. AFTER ADJUSTMENTS HAVE BEEN MADE TO THE HEATING, VENTILATING AND AIR CONDITIONING SYSTEM, THE HEATING, VENTILATING AND AIR CONDITIONING CONTRACTOR SHALL BALANCE THE AIR DISTRIBUTION SYSTEM. SUBMIT THREE SETS OF DATA OF THE TEST AND BALANCE TO THE OWNER FOR APPROVAL.
13. ALL NEW DUCTWORK SHALL BE LINED WITH 1" FIBERGLASS ACOUSTIC LINING, CONSTRUCTED PER SMACNA STANDARDS. MAXIMUM 5'-0" FLEX DUCTWORK ALLOWED.
14. PROVIDE FACTOR FABRICATED TURNING VANES IN ALL SQUARE TOWN ELBOWS.
15. PROVIDE FLEXIBLE DUCT CONNECTORS BETWEEN DUCTS, FANS AND AIR HANDLING UNITS AND ALSO IN DUCTS CROSSING BUILDING EXPANSION JOINTS.
16. NO GRILLES WILL BE INSTALLED IN ANY DOOR NOR WILL UNDERCUTTING OF ANY DOOR BE PERMITTED.
17. PROVIDE MANUAL DAMPERS AT SUPPLY GRILLES.
18. PROVIDE MECHANICAL VENTILATION IN ALL ROOMS CAPABLE OF SUPPLYING A MINIMUM OF 15 CUBIC FEET PER MINUTE OF OUTSIDE AIR.
19. G.C. TO COORDINATE WITH SPRINKLER CONTRACTOR ON ANY ADJUSTMENTS TO EXISTING SPRINKLER SYSTEM, IF APPLICABLE.

ALL H.V.A.C. EQUIPMENT EXISTING, TO BE REUSED

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING 2x4 PRISMATIC 4 BULB FLUORESCENT FIXTURE		TYPICAL SUPPLY DIFFUSER WITH MANUAL DAMPER		SINGLE POLE SWITCH (4-9 A.F.?)
	NEW 2x4 PRISMATIC 4 BULB FLUORESCENT FIXTURE		TYPICAL RETURN EXHAUST GRILLE		HONEYWELL THERMOSTAT PROGRAMMABLE THERMOSTAT #012300A1001 OR EQUAL.
	2x4 PRISMATIC 4 BULB FLUORESCENT FIXTURE (1) TUBE OPERATING AS A NIGHT LIGHT.		COMBINATION LIGHT EXHAUST FAN (TOILET ROOM)		COMBINATION EXIT SIGN & EMERGENCY LIGHT
					2A RATED PRE EXTINGUISHER

2 FEATURE LEGEND

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



G.C. TO VERIFY ALL EXISTING CEILING CONDITIONS AND ADJUST AS NEEDED

1 GENERAL NOTES

SCALE: SCALE

3 REFLECTED CEILING PLAN

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



BENEFICIAL FINANCE
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REFLECTED CEILING PLAN & LEGEND



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Revisions
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APPROVED
I HEREBY CERTIFY THAT THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS AND REGULATIONS AND I AM A LICENSED ARCHITECT IN THE STATE OF ILLINOIS.

BRANCH # 56-1700

Drawn By LO

Checked By WL

Scale AS NOTED

Date 10-31-05

Job No. 05-2242

Sheet No. A-2