LOUVER SCHEDULE

TAG	SIZE (INCHES)	FREE AREA
L-1	72 x 30	7.5 FT^2
L-2	32 x 16	1.8 FT^2
L-3	72 x 24	6.0 FT^2
L-4	36 x 16	2.0 FT^2
L-5	36 x 16	2.0 FT^2
L-6	SEMI-CIRCULAR REF. ARCH. DWGS.	20.0 FT^2

NOTES:
1. LOUVER SIZING BASED ON A MIN. OF 50% FREE AREA
2. COOR. LOUVER COLOR, AND VERIFY EXACT DIMENSIONS BEFORE ORDERING

AHU'S PIPING CONNECTIONS

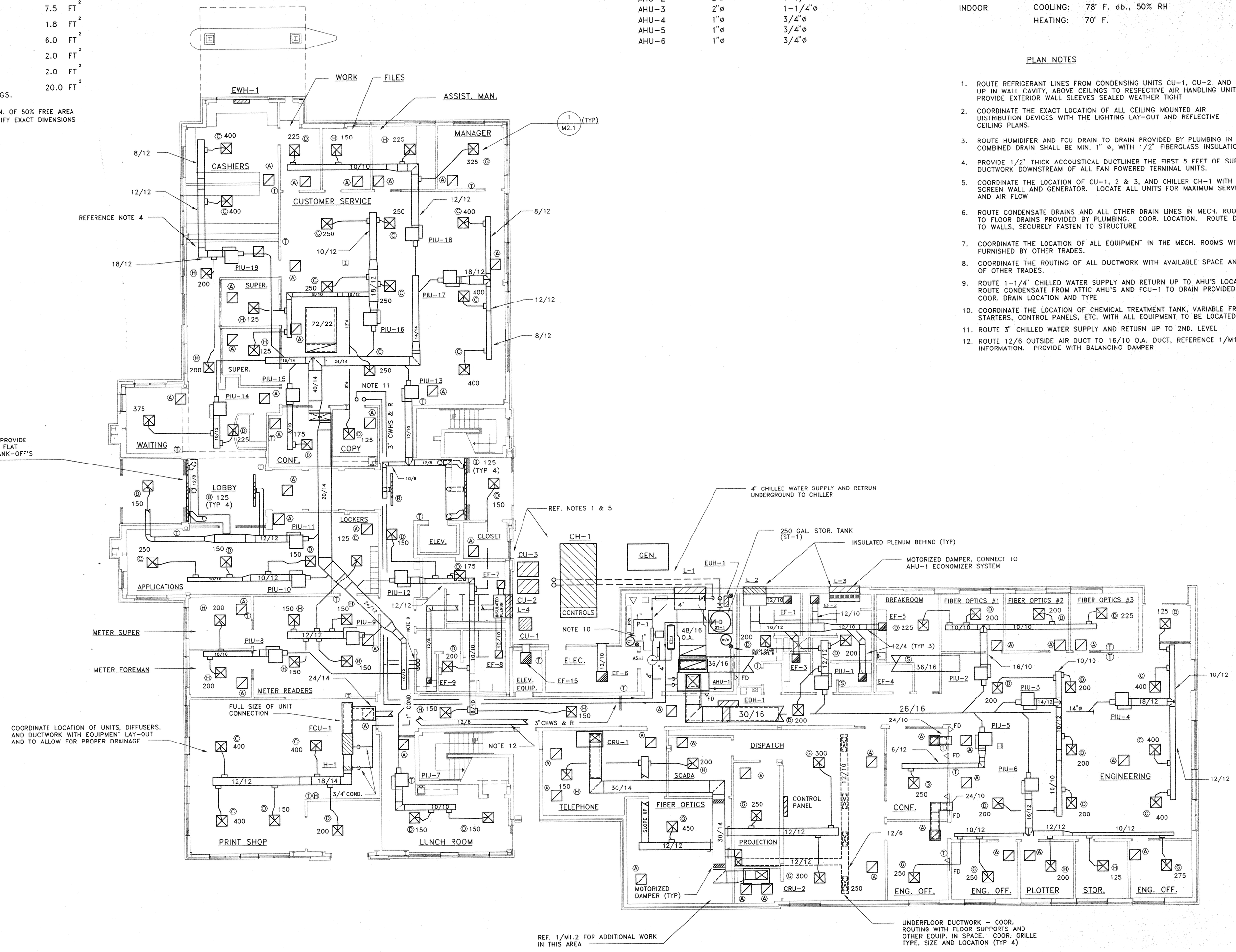
TAG	CHILLED WATER	CONDENSATE
AHU-1	2"ø	1-1/4"ø
AHU-2	2"ø	1-1/4"ø
AHU-3	2"ø	1-1/4"ø
AHU-4	1"ø	3/4"ø
AHU-5	1"ø	3/4"ø
AHU-6	1"ø	3/4"ø

DESIGN CONDITIONS

OUTDOOR:	COOLING:	94°F. db/76°F. wb (43% RH)
	HEATING:	5° F.
INDOOR	COOLING:	78° F. db., 50% RH
	HEATING:	70° F.

PLAN NOTES

1. ROUTE REFRIGERANT LINES FROM CONDENSING UNITS CU-1, CU-2, AND CU-3 UP IN WALL CAVITY, ABOVE CEILINGS TO RESPECTIVE AIR HANDLING UNIT. PROVIDE EXTERIOR WALL SLEEVES SEALED WEATHER TIGHT
2. COORDINATE THE EXACT LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES WITH THE LIGHTING LAY-OUT AND REFLECTIVE CEILING PLANS.
3. ROUTE HUMIDIFER AND FCU DRAIN TO DRAIN PROVIDED BY PLUMBING IN JANITOR . COMBINED DRAIN SHALL BE MIN. 1" ø, WITH 1/2" FIBERGLASS INSULATION.
4. PROVIDE 1/2" THICK ACCOUSTICAL DUCTLINER THE FIRST 5 FEET OF SUPPLY DUCTWORK DOWNSTREAM OF ALL FAN POWERED TERMINAL UNITS.
5. COORDINATE THE LOCATION OF CU-1, 2 & 3, AND CHILLER CH-1 WITH EQUIPMENT SCREEN WALL AND GENERATOR. LOCATE ALL UNITS FOR MAXIMUM SERVICE AREA AND AIR FLOW
6. ROUTE CONDENSATE DRAINS AND ALL OTHER DRAIN LINES IN MECH. ROOMS TO FLOOR DRAINS PROVIDED BY PLUMBING. COOR. LOCATION. ROUTE DRAINS TIGHT TO WALLS, SECURELY FASTEN TO STRUCTURE
7. COORDINATE THE LOCATION OF ALL EQUIPMENT IN THE MECH. ROOMS WITH EQUIPMENT FURNISHED BY OTHER TRADES.
8. COORDINATE THE ROUTING OF ALL DUCTWORK WITH AVAILABLE SPACE AND WORK OF OTHER TRADES.
9. ROUTE 1-1/4" CHILLED WATER SUPPLY AND RETURN UP TO AHU'S LOCATED IN ATTIC SPACE ROUTE CONDENSATE FROM ATTIC AHU'S AND FCU-1 TO DRAIN PROVIDED BY PLUMBING COOR. DRAIN LOCATION AND TYPE
10. COORDINATE THE LOCATION OF CHEMICAL TREATMENT TANK, VARIABLE FREQUENCY DRIVES, STARTERS, CONTROL PANELS, ETC. WITH ALL EQUIPMENT TO BE LOCATED IN MECH. ROOM
11. ROUTE 3" CHILLED WATER SUPPLY AND RETURN UP TO 2ND. LEVEL
12. ROUTE 12/6 OUTSIDE AIR DUCT TO 16/10 O.A. DUCT, REFERENCE 1/M1.2 FOR ADDITIONAL INFORMATION. PROVIDE WITH BALANCING DAMPER



1 / M1.1 FIRST FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"

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OFFICE BUILDING
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Revisions

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