

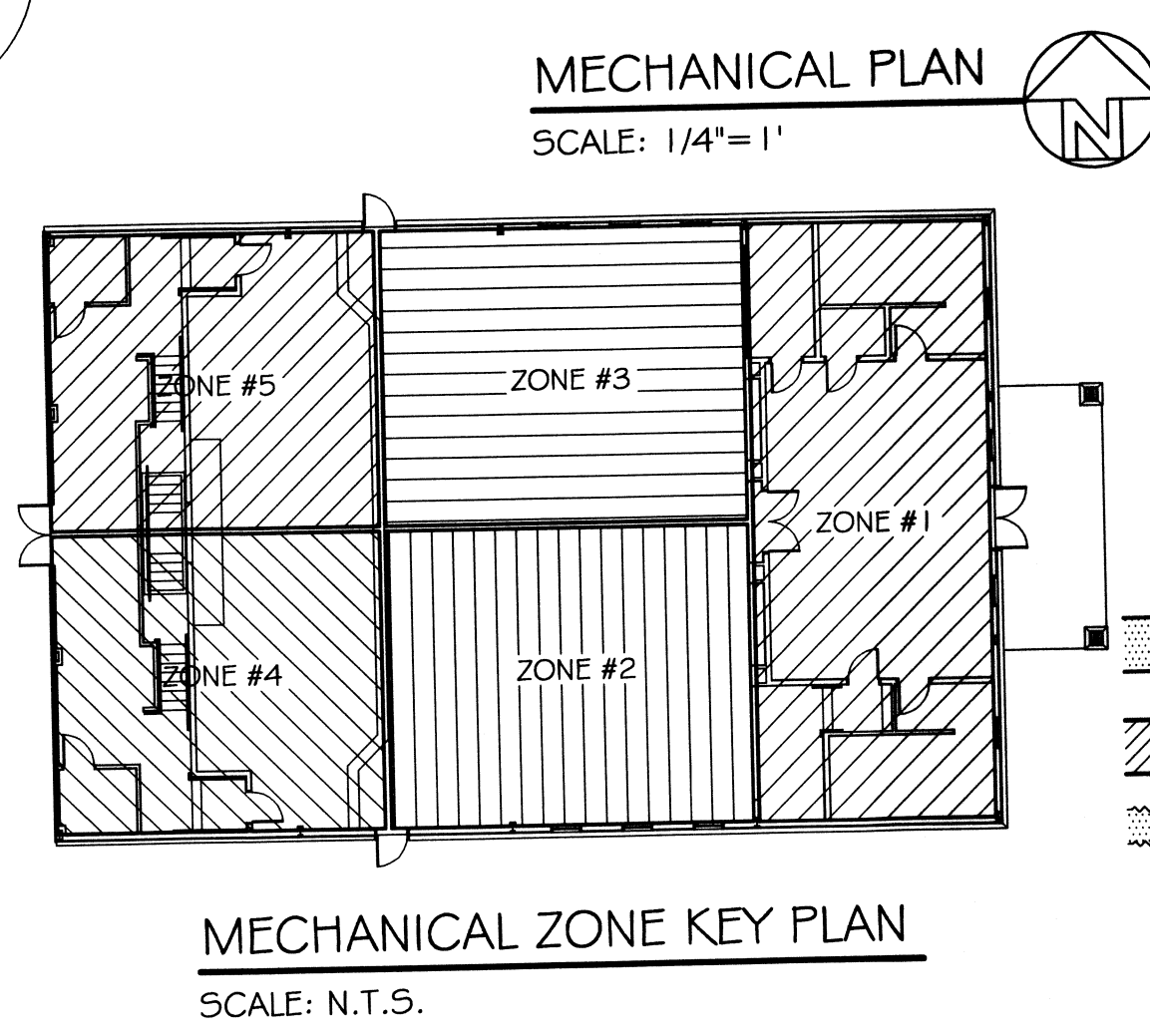
ALL DUCTWORK & HVAC COMPONENTS ARE DRAWN DIAGRAMATICALLY

A/C UNIT SCHEDULE

ELECTRICAL	MANUFACTURER (OR EQUAL)		COMMENTS
VOLTAGE	MCA	MOCF	
208V, 3Ø	34.5A	50A	TRANE-TTA090D300A

AIR HANDLING UNIT SCHEDULE

CFM	O.A.	HEAT ELEC.	ELECTRICAL	MANUFACTURER (OR EQUAL)		COMMENTS
			VOLTAGE	MCA	MOCF	
3,000	682	15 KW	208V, 3Ø	45A	50A	TRANE-TWE090D300A
3,000	842	15 KW	208V, 3Ø	45A	50A	TRANE-TWE090D300A
3,000	842	15 KW	208V, 3Ø	45A	50A	TRANE-TWE090D300A
3,000	252	15 KW	208V, 3Ø	45A	50A	TRANE-TWE090D300A
3,000	252	15 KW	208V, 3Ø	45A	50A	TRANE-TWE090D300A



- LEGEND**
- INDICATES NEW CEILING DIFFUSER - CFM AS NOTED - 24x24 UNLESS OTHERWISE NOTED. SIZE INDICATES NECK SIZE, 4-WAY THROW UNLESS INDICATED WITH ARROWS
 - INDICATES NEW RETURN AIR CEILING TRANSFER GRILLE OF SIZE INDICATED. TRANSFER DUCT TO BE FLEX OR RECTANGULAR AS INDICATED.
 - EXHAUST FAN
 - CONDENSOR UNIT
 - THERMOSTAT WITH REMOTE SENSOR
 - INDICATES NEW SHEET METAL DUCTWORK FOR SUPPLY AIR, SIZES INDICATED ARE SHEET METAL DIMENSIONS. REFER TO SPECIFICATIONS FOR TYPE OF INSULATION.
 - INDICATES NEW SHEET METAL DUCTWORK FOR RETURN AIR, SIZES INDICATED ARE SHEET METAL DIMENSIONS. REFER TO SPECIFICATIONS FOR TYPE OF INSULATION.
 - ROUND FLEX DUCT, MAX. LENGTH 12'-0", MIN. R-6 PROVIDE MAN. DAMPER AT DIFFUSER CONNECTIONS, SIZE AS INDICATED OR:
 - 0 <= 199 CFM USE 5" Ø
 - 200 <= 250 CFM USE 6" Ø
 - 251 <= 300 CFM USE 7" Ø

FRESH AIR REQUIREMENTS PER IMC 06' TABLE 403.3

ROOM NAME	SQUARE FEET	O.A.	COMMENTS
ZONE 1:			
WOMEN'S RESTROOM	180	210	70 cfm PER WC
SOUND BOOTH	115	12	((115/1000)x5)x5cfm + ((115x0.06cfm)
FOYER	680	194	((680/1000)x30)x7.5cfm + (680x0.06cfm)
MEN'S RESTROOM	180	210	70 cfm PER WC
PRIVACY ROOM	85	56	((85/1000)x120)x5cfm + (85x0.06cfm)
TOTAL		682	
ZONE 2:			
SANCTUARY	1040	842	((1040/1000)x100)x7.5 + ((1040x0.06cfm)
TOTAL		842	
ZONE 3:			
SANCTUARY	1040	842	((1040/1000)x100)x7.5 + ((1040x0.06cfm)
TOTAL		842	
ZONE 4:			
SANCTUARY	500	205	((500/1000)x35)x10cfm + (500x0.06cfm)
VESTIBULE	350	39	((350/1000)x10)x5cfm + (350x0.06cfm)
CHANGING ROOM	50	8	((50/1000)x5)x5cfm + (50x0.06cfm)
TOTAL		252	
ZONE 5:			
SANCTUARY	500	205	((500/1000)x35)x10cfm + (500x0.06cfm)
VESTIBULE	350	39	((350/1000)x10)x5cfm + (350x0.06cfm)
CHANGING ROOM	50	8	((50/1000)x5)x5cfm + (50x0.06cfm)
TOTAL		252	
GRAND TOTAL		2870	

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