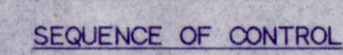


ROOM # A-201

SCALE $\frac{1}{V_e} = 1'-0''$

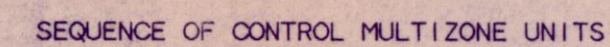


AIR CONDITIONING

POWER TO CHILLER SHALL BE PROVIDED BY MANUALLY SWITCHING THE DISCONNECT SWITCH TO THE ON POSITION.

THE CHILLED WATER PUMP SHALL BE STARTED FROM A NEW COOLING "ON-AUTO-OFF" SWITCH LOCATED IN THE EXISTING CONTROL PANEL OR FROM A SIGNAL THROUGH THE ENERGY MANAGEMENT SYSTEM VIA A NEW POINT OF CONTROL. WITH FLOW THROUGH THE EVAPORATOR COOLER PROVEN, THE CONDENSING UNIT SHALL START AND CYCLE TO MAINTAIN A CONSTANT DISCHARGE WATER TEMPERATURE. THE RANGE FOR THE DISCHARGE WATER TEMPERATURE SENSOR SHALL BE FIELD ADJUSTABLE THROUGH A CONTROL LOCATED NEAR THE EVAPORATOR COOLER.

THE HEATING SHALL BE DEACTIVATED THROUGH THE EXISTING CONTROL SEQUENCE.



ADD THE FOLLOWING TO THE EXISTING SEQUENCE OF CONTROL FOR UNITS FOR JB-3, JA-2,
AND JA-1

WHEN THE SYSTEM IS ON A CALL FOR COOLING THE PNEUMATIC INTEGRATED CONTROLS IN CONJUNCTION WITH THE INTEGRATED CONTROL CENTER SHALL CLOSE THE OUTSIDE AND RETURN AIR DAMPERS TO THE MINIMUM POSITION AND A DISCHARGE THERMOSTAT SHALL CONTROL THE THREE WAY CONTROL VALVE ON THE NEW CHILLED WATER COIL TO MAINTAIN A CONSTANT COLD DISCHARGE TEMPERATURE.

HEATING CONTROLS, FREEZE PROTECTION CONTROLS, ETC. SHALL REMAIN AS IS.

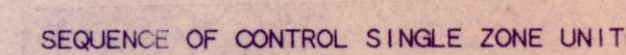
EXISTING ROOM THERMOSTATS SHALL CONTROL THE HOT AND COLD DECK DAMPERS TO MAINTAIN SPACE TEMPERATURES.

TEMPERATURE CONTROL CONTRACTOR SHALL RELOCATE EXISTING CONTROLS AND SENSORS AS REQUIRED FOR THE NEW COIL INSTALLATION.

AIR HANDLING UNIT SCHEDULE (NEW COOLING COILS)													
EXIST. MARK NO	TYPE	EXIST. CFM	NEW COOLING COILS							FOWS	F.D. H ₂ O	F.D. AIR	FACE AREA
			EDB	EWB	EWI	TEMP. RANGE	GPM	TOTAL TON	SENS TON				
JA-1	DUAL DUCT	16000	80	67	45	10°	116	581	423	4	6.5	.39	35
JA-2	DUAL DUCT	14920	80	67	45	10°	108	540	394	4	7.1	.45	32.6
JA-3	SINGLE ZONE	4000	80	67	45	10°	29	145	105	4	2	.34	9.4
JB-1	SINGLE ZONE	4680	80	67	45	10°	34	171	124	4	2.4	.30	11.7
JB-3	DUAL DUCT	2800	80	67	45	10°	20	101	74	6	2	.50	5.6

NOTE: PROVIDE ALL SHAFT CHANGES & ADJUSTMENTS REQUIRED TO REBALANCE UNIT. TO MAINTAIN GEM.

NOTE: PROVIDE ALL SHEAVE CHANGES & ADJUSTMENTS REQUIRED TO REBALANCE UP ~~UNIT~~ IT. TO MAINTAIN LISTED CFM.



ADD THE FOLLOWING TO THE EXISTING SEQUENCE OF CONTROL FOR UNITS FOR JB-1, AND JA-3.

WHEN THE SYSTEM IS ON A CALL FOR COOLING THE PNEUMATIC INTEGRATED CONTROLS IN CONJUNCTION WITH THE INTERGRATED CONTROL CENTER SHALL CLOSE THE OUTSIDE AND RETURN AIR DAMPERS TO THE MINIMUM POSITION AND THE ROOM THERMOSTAT SHALL CONTROL THE THREE WAY CONTROL VALVE ON THE NEW CHILLED WATER COIL TO MAINTAIN SPACE TEMPERATURE.

HEATING CONTROLS, FREEZE PROTECTION CONTROLS, ETC. SHALL REMAIN AS IS.

TEMPERATURE CONTROL CONTRACTOR SHALL RELOCATE EXISTING CONTROLS AND SENSORS AS REQUIRED FOR THE NEW COIL INSTALLATION.