

TERMINAL UNIT SCHEDULE (NOTE 4,5)				
ID	ROOM SERVED	SUPPLY (S) OR EXHAUST (E)	TYPE	MAX & MIN CFM
TU-702S	EQUIPMENT 7102	S	VAV-RH	200
TU-702E	EQUIPMENT 7102	E	VAV	250
TU-704S	EQUIPMENT 7104; CORRIDOR	S	VAV-RH	550
TU-704E	EQUIPMENT 7104	E	VAV	350
TU-705S	LAB 7105	S	VAV-RH	1300
TU-705E	LAB 7105 (NOTE 1)	E	VAV	500
TU-707S	BREAK 7107; ADMIN 7109, 7109G	S	VAV-RH	700
TU-709AS	OFFICE 7109A, B	S	VAV-RH	325
TU-709CS	OFFICE 7109C, D	S	VAV-RH	600
TU-709ES	OFFICE 7109E, F	S	VAV-RH	325
TU-711S	TEAM 7111, CORRIDOR	S	VAV-RH	450
TU-707E	BREAK/OFFICE 7107 - 7109G, 7111	E	VAV	2150
TU-715S	CELL CULTURE 7115, 7117, CORR	S	VAV-RH	1250
TU-715E	CELL CULTURE 7115	E	VAV	570
TU-719S	EQUIPMENT 7119	S	VAV-RH	600
TU-717E	CELL CULTURE 7117, EQUIP 7119	E	VAV	1240
TU-722S	CELL CULTURE 7122, PROCEDURE 7120	S	VAV-RH	1000
TU-722E	CELL CULTURE 7122 (NOTE 3)	E	VAV	570
TU-724S	MICROSCOPE 7124, 7124A	S	VAV-RH	380
TU-724E	MICROSCOPE 7124, 7124A	E	VAV	450
TU-729S	LAB 7129	S	VAV-RH	1200
TU-729E	LAB 7129 (NOTE 1)	E	VAV	400
TU-731S	LAB 7131	S	VAV-RH	1300
TU-731E	LAB 7131 (NOTE 1)	E	VAV	500
TU-733S	LAB 7133, CORRIDOR	S	VAV-RH	1350
TU-733E	LAB 7133 (NOTE 1)	E	VAV	300
TU-735S	LAB 7135	S	VAV-RH	1300
TU-735E	LAB 7135 (NOTE 1)	E	VAV	500
TU-802S	LAB 8102	S	VAV-RH	400
TU-802E	LAB 8102	E	VAV	170
TU-804S	EQUIPMENT 8104; CORRIDOR	S	VAV-RH	350
TU-804E	EQUIPMENT 8104	E	VAV	350
TU-813S	LAB 8113	S	VAV-RH	1200
TU-813E	LAB 8113 (NOTE 1)	E	VAV	400
TU-805S	LAB 8105	S	VAV-RH	1200
TU-805E	LAB 8105 (NOTE 1)	E	VAV	400
TU-807S	OFFICE 8107; ADMIN 8109	S	VAV-RH	605
TU-809AS	OFFICE 8109A, B	S	VAV-RH	335
TU-809CS	OFFICE 8109C, D	S	VAV-RH	825
TU-809ES	OFFICE 8109E	S	VAV-RH	300
TU-811S	TEAM 8111, CORRIDOR	S	VAV-RH	470
TU-807E	BREAK/OFFICE 8107, 8109G, 8111	E	VAV	2285
TU-815S	CELL CULTURE 8117, LAB 8115, CORR	S	VAV-RH	1250
TU-815E	LAB 8115	E	VAV	570
TU-819S	BREAKROOM 8119	S	VAV-RH	360
TU-817E	CELL CULTURE 8117, BREAKROOM 8119	E	VAV	930
TU-822S	OFFICE 8122, 8122A, B	S	VAV-RH	500
TU-822E	OFFICE 8122, 8122A, B	E	VAV	500
TU-824S	MICROSCOPE 8124, 8124A	S	VAV-RH	360
TU-824E	MICROSCOPE 8124, 8124A	E	VAV	430
TU-829S	LAB 8129	S	VAV-RH	1200
TU-829E	LAB 8129 (NOTE 1)	E	VAV	400
TU-831S	HISTOLOGY 8131	S	VAV-RH	1300
TU-831E	HISTOLOGY 7131 (NOTE 1)	E	VAV	500
TU-833S	GROSSING 8133, CORRIDOR	S	VAV-RH	2050
TU-833E	GROSSING 8133 (NOTE 2)	E	VAV	1500

- NOTES:
- LAB ALSO INCLUDES 6 FT FUME HOOD (~900 CFM EXHAUST)
  - LAB ALSO INCLUDES DEDICATED EXHAUST FROM GROSSING STATIONS (~500 CFM).
  - PROCEDURE 7120 ALSO INCLUDES 4 FT FUME HOOD (~600 CFM EXHAUST)
  - ALL TERMINAL UNITS AND ASSOCIATED CONTROLS ARE EXISTING
  - BALANCE TERMINAL UNITS AND RE-CALIBRATE CONTROLS ASSOCIATED WITH EACH TERMINAL UNIT. EXISTING SEQUENCE INCORPORATES FLOW MATCHING IN PERIMETER LABS. ALL OTHER AREAS PERFORM AS CONSTANT VOLUME.

DIFFUSER AND GRILLE SCHEDULE						
ID	TYPE	MFR	MODEL	CFM	NECK SIZE	DESCRIPTION
A	SUPPLY	NAILOS	92FRP-2 --24x24-L-AW	TO 250 TO 400	8" 10"	FLUSH FACE RADIAL PATTERN DIFFUSER 24"X24", 180 DEG PATTERN, STEEL WITH PERFORATED FACE. FRAME SUITABLE FOR LAY-IN CEILING. FINISH SHALL BE WHITE, BAKED ENAMEL
B	SUPPLY	NAILOS	6550- ---24x24-L-SR	TO 125 TO 210 TO 325 TO 550 TO 650	6x6 TO 6" 9x9 TO 8" 12x12 TO 10" 15x15 TO 12" 15x15 TO 14"	LOUVERED DIFFUSER WITH ADJUSTABLE PATTERN CONTROLLER. STEEL CONSTRUCTION WITH REINFORCED CORNERS. WHITE, BAKED ENAMEL FINISH. FILLER PANEL AND FRAME TO ACCOMMODATE 24"X24" KING GRID. SQUARE-TO-ROUND TRANSITION COLLAR. 3-WAY BLOW UNO
C	SUPPLY	NAILOS	61C-O-3A -AW	TO 300	14"X8"	STEEL PERFORATED, 3-WAY ADJUSTABLE CHANGE PATTERN. OPPOSED BLADE DAMPER WITH SCREWDRIVER, SLIP ADJUSTMENT. APPLIANCE WHITE, BAKED ENAMEL FINISH.
D	EXHAUST	NAILOS	61PR-O-AW	TO 250 TO 400 TO 600	10"X10" 12"X12" 14"X14"	STEEL PERFORATED GRILLE WITH CORROSION RESISTANT STEEL FRAME. SURFACE MOUNT. APPLIANCE WHITE FINISH.
E	EXHAUST	NAILOS	61PR-O-AW	TO 350 TO 500	12"X12" 14"X14"	FIXED BLADE, 1/2" SPACING, 45° ANGLE. STEEL, SIDEWALL OR DUCT MOUNTED REGISTER. INTEGRAL OPPOSED BLADE DAMPER. BAKED ENAMEL FINISH.

NOTES: EQUAL VALUENT PRODUCTS BY TITUS, PRICE, METALAIRE, KRUEGER, OR TUTTLE & BAILEY SHALL BE ACCEPTED.

FAN COIL UNIT SCHEDULE - COOLING ONLY													
ID	LOCATION	MFR	STYLE	MODEL	COOLING COIL ROWS	COOLING BTU/HR (TOT/SENS)	COOLING GPM	HEATING COIL ROWS	TSP ("WG)	TOTAL CFM	RPM	VOLT/ PHASE	HP
FCU-7102	EQUIPMENT LAB 7102	DAIKIN	HORIZONTAL, BELT DRIVE, CABINET UNIT	HHBB-1-12-K	6	41,800/29,800	9.5	0	1"	1200	1111	460/3	3/4
FCU-7104	EQUIPMENT 7104	DAIKIN	HORIZONTAL, BELT DRIVE, CABINET UNIT	HHBB-1-20-K	6	51,800/49,400	15.5	0	1"	2000	1104	460/3	1.5
FCU-8104	EQUIPMENT 8104	DAIKIN	HORIZONTAL, BELT DRIVE, CABINET UNIT	HHBB-2-20-K	6	51,800/49,400	15.5	0	1"	2000	1104	460/3	1.5

NOTES:

- UNIT SHALL BE SUPPLIED WITH ISOLATION VALVES. VALVE PACKAGE SHALL BE PIPED EXTERNAL TO THE UNIT FOR EASIER MAINTENANCE. PROVIDE WITH DISPOSABLE FILTER AND SPARE.
- EQUAL PRODUCTS BY TRANE, MCQUAY, CLIMATEMASTER, OR ENVIROTEC SHALL BE ACCEPTED.
- BELT DRIVE, OVERSIZED MOTOR.
- FILTERS: HORIZONTAL CABINET - 2" PLEATED, REPLACEABLE FROM BOTTOM OR SIDE OF UNIT.
- UNIT SHALL BE PROVIDED WITH STAINLESS STEEL DRAIN PAN AND SECONDARY DRAIN CONNECTION. EXTEND 1" PRIMARY DRAIN TO HUB DRAIN. EXTEND SECONDARY DRAIN SO THAT IT TURNS DOWN AND DISCHARGES TO A LOCATION THAT WILL NOT DAMAGE EQUIPMENT.
- COIL HOOK-UP KITS: BY MFR OR CONTRACTOR. PROVIDE EXTERNAL COIL HOOK-UP KITS WITH UNION ENDS.  
RETURN LINE KIT: BALL VALVE, FLOW-LIMITING STAINLESS STEEL FLOW CARTRIDGE, TWO P/T PLUGS, AND AIR VENT.  
MODULATING CONTROL VALVE (75 PSIG CLOSE-OFF) SHALL BE PROVIDED BY SCHNEIDER ELECTRIC.  
SUPPLY LINE KIT: BALL VALVE, STRAINER, DRAIN VALVE WITH 3/4" CAPPED HOSE THREAD OUTLET, AND P/T PLUG.  
DRAIN VALVE WITH 3/4" CAPPED HOSE THREAD OUTLET, AND P/T PLUG.  
ASSEMBLIES SHALL BE GRISWOLD CPP-2IRIS WHICH INCLUDES ISOLATOR 'S', ISOLATOR 'R', UNION 'U' OR EQUAL BY FDI OR B&G OR EQUAL BY FDI OR B&G.
- COORDINATE WITH SCHNEIDER ELECTRIC TO INTEGRATE ROOM SENSOR, CONTROL VALVE, AND FAN START-STOP INTO EXISTING BUILDING AUTOMATION SYSTEM.
- COOLING CAPACITY BASED ON 50°F EWT, 80°F/67°F EAT DB/WB.
- CABINET DESIGN SHALL BE FOR EXPOSED LOCATIONS

Order Plans

LORD AECK SARGENT  
A KATERRA COMPANY

Kramer Engineering Services, LLC

5517 Cascade Dr.  
Chapel Hill, NC 27514

TEL: (919) 933-3350

email: Donna@KESplc.com

Firm License: P-1099



REVISION

MECHANICAL SCHEDULES

UNC SCHOOL OF MEDICINE  
NEUROSCIENCES RESEARCH BUILDING

7th & 8th FLOORS FOR DERMATOLOGY

LOCATION:  
115 Mason Farm Road, Campus Box 7250  
Chapel Hill, North Carolina 27598-7250

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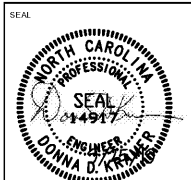
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