SEQUENCE OF OPERATION

AIR HANDLING UNIT

- DURING OCCUPIED PERIOD AS PROGRAMMED ON ASSOCIATED AIR HANDLING UNIT THERMOSTAT, BLOWER FAN SHALL RUN CONTINUOUSLY AND OUTSIDE AIR DAMPERS OPEN TO MAXIMUM POSITION.
- ON A CALL FOR HEATING, COMPRESSOR SHALL BE ENERGIZED AND/OR ELECTRIC HEAT AND SHALL RUN UNTIL SETPOINT IS SATISFIED.
- DURING NIGHT SETBACK PERIOD AS PROGRAMMED ON ASSOCIATED AIR HANDLING UNIT THERMOSTAT, BLOWER FAN SHALL CONTINUE OPERATION AND OUTSIDE AIR DAMPERS SHUT TO IT'S SCHEDULED MINIMUM POSITION. ON A CALL FOR HEATING OR COOLING, THE OUTSIDE AIR DAMPERS SHALL MAINTAIN IT'S MINIMUM POSITION AND THE ASSOCIATED COMPRESSOR AND/ OR ELECTRIC HEATING COIL SHALL CYCLE UNTIL SPACE SETPOINTS ARE
- UNIT SHALL BE DE-ENERGIZED IF EXISTING SMOKE DETECTOR SENSES SMOKE
- ** AHU-1 \$ 2 DURING OCCUPPIED MODE THE OUTSIDE AIR DAMPERS SHALL PERIOD THE OUTSIDE AIR DAMPERS SHALL MODULATE TO IT'S MINIMUM POSITION.
- **AAON AIR HANDLING UNITS DURING UNOCCUPIED MODES WILL HAVE NIGHT

AHU-1 \$ AHU-2 COOLING NIGHT SETBACK TEMPERATURE TO BE

AHU-1 \$ AHU-2 UNIT'S DE-HUMIDIFICATION SETPOINT IS TO BE SET FOR 50% RH.

EXISTING PACKAGED UNITS

DURING OCCUPIED PERIOD AS PROGRAMMED ON ASSOCIATED PACKAGED UNIT'S THERMOSTAT, BLOWER FAN SHALL RUN CONTINUOUSLY AND OUTSIDE AIR DAMPERS OPEN TO MAXIMUM POSITION AS SCHEDULED.

DAY TWENTY-FOUR (24) OPERATION.

- ON A CALL FOR HEATING, GAS HEATING SHALL BE ENERGIZED AND SHALL RUN UNTIL SETPOINT IS SATISFIED
- THE UNIT COMPRESSOR (MECHANICAL COOLING) SHALL BE ENERGIZED. THE UNIT COOLING CYCLE SHALL RUN UNTIL SETPOINT IS SATISFIED.
- DURING NIGHT SETBACK PERIOD AS PROGRAMMED ON ASSOCIATED PACKAGED CLOSE. ON A CALL FOR HEATING OR COOLING, THE OUTSIDE AIR DAMPERS SHALL REMAIN CLOSED AND THE FAN OR ASSOCIATED GAS HEATING AND/OR
- COMPRESSOR CYCLE UNTIL SPACE SETPOINTS ARE SATISFIED. 5 UNIT SHALL BE DE-ENERGIZED IF EXISTING SMOKE DETECTOR SENSES SMOKE

EXHAUST/VENTILATION FANS

- ROOF MOUNTED EXHAUST FAN F-I SHALL BE INTERLOCKED WITH EXISTING TON PACKAGED UNIT. DO NOT INTERLOCK WITH THE BLOWER FAN, BUT THE ACTUAL OCCUPIED/UNOCCUPIED OPERATIONS AT THE THERMOSTAT. UPON ACTIVATION OF OCCUPIED MODE FOR THE EXISTING PACKAGED UNIT EXHAUST FAN SHALL BE ENERGIZED AND REMAIN ENERGIZED UNTIL THE PACKAGED UNIT GOES INTO UNOCCUPIED MODE. IN THE UNOCCUPIED MODE IT SHALL REMAIN DE-ENERGIZED.
- 2 EXHAUST FAN F-2 SHALL OPERATE 24 HOURS/7 DAYS A WEEK.

OR ANY SAFETY/CONTROL EXCEEDS ITS LIMITS.

3 COMP/TELE ROOM EXHAUST FAN <u>F-3</u> SHALL BE INTERLOCKED WITH WALL MOUNTED REVERSE ACTING THERMOSTAT, UPON A RISE IN SPACE TEMPERATURE ABOVE (78°F ADJUSTABLE) FAN SHALL BE ENERGIZED. MAKE-UP AIR SHALL BE TRANSFERRED FROM ADJACENT STORAGE SPACE. FAN SHALL RUN UNTIL SETPOINT IS SATISFIED. UPON SATISFYING THERMOSTAT SETPOINT FAN SHALL BE DE-ENERGIZED.

ELECTRIC DUCT HEATER

ELECTRIC DUCT HEATER SHALL BE INTERLOCKED WITH HEATING ONLY REMOTE THERMOSTAT AND DUCT MOUNTED SENSOR (SETPOINT 72°F) UPON AIRFLOW AIR PROVING SWITCH, BEING SATIFIED, SHALL ALLOW ELECTRIC HEATER TO BE ENERGIZED UPON A CALL FOR HEAT. UPON REACHING SETPOINT HEATER SHALL BE DE-ENERGIZED.

REFER TO DETAIL ON SHEET FOR MORE INFORMATION. THE "STAND ALONE" HUMIDIFICATION SETPOINT IS TO BE SET FOR 40% RH.

BALL VALVE

** FROM APRIL THROUGH OCTOBER THE HUMIDIFIER IS TO BE SET DOWN TO 30% RH. FROM OCTOBER TO APRIL THE HUIMIDIFIER IS TO BE SET AT 40% RH.

HEAT PUMP AIR HANDLING UNIT SCHEDULE

	_										Olvii	/ \•			01111	00111	-00	_					
	1051 650 55	FAN DATA				COOLING DATA		HEATING DATA		HEAT PUMP HEATING DATA			ELECTRICAL DATA		WEIGHT (LBS.)		MODEL #		MANUFACTURER				
ITEM#	AREA SERVED	C.F.M.	E.S.P.	RUD	שממ	C.F.M.	TOTAL	SENSIBLE	EER	TYPE	BTU/HR.	K.W.	HI-TEMP. HE	AT 47 O.A.T.	LOW-TEMP. H	EAT 17 O.A.T.			INDOOR	OUTDOOR			
		O.I .I'I.	L.J.F.	D.H.F.	K.F.M.	0.A.	BTU/HR	BTU/HR	LLK	TIPE	DIU/HK.	N.M.	BTU/HR.	C.O.P	BTU/HR.	C.O.P	INDOOR	OUTDOOR	UNIT	OUTDOOR UNIT	INDOOR UNIT	OUTDOOR UNIT	INDOOR/OUTDOOR
HU-1/ IPU-1	PROCEDURE RM. I	1,400	2.5"	1.45	2,225	140 270	55,770	38,720	11.8	ELECTRIC	35,836	10.5	61,800	3.45	41,700	2.83	208v/3φ	208v/3φ	660	285	H3-BRB-8-0-161A-3B2: ABCB-FB0-000-0A0-00 A00D0-00-B00000000	CC-C-005-8-D-1: D000000	AAON
HU-1/ IPU-1	PROCEDURE RM. 2	1,400	2.5"	1.45	2,225	140 270	55,770	38,720	11.8	ELECTRIC	35,836	10.5	61,800	3.45	41,700	2.83	208v/3φ	208γ/3φ	660	285	H3-BRB-8-0-161A-3B2: ABCB-FB0-000-0A0-00 A00D0-00-B00000000	CC-C-005-8-D-I: D000000	AAON

NOTES:

- 1) AIR HANDLING UNIT AHU-1 AND AHU-2 WILL HAVE CAPACITIES CONTROLS DOWN TO WITHIN 10% OF TOTAL CAPACITY WITH MODULATING COMPRESSORS, DIRECT DRIVE SUPPLY FAN WITH VFD, MODULATING HOT GAS REHEAT FOR DEHUMIDIFICATION, UNIT CASING WITH SOLID DOUBLE WALL CONSTRUCTION WITH FOAM INSULATION AND STAINLESS STEEL DRAIN PAN. ALSO EACH AIR HANDLING UNIT TO HAVE FACTORY SUPPLIED 2" MERY 8 FILTERS IN THE RETURN. CONTROLS TO BE PROVIDED IS THE AAON SYSTEM MANAGER TO BE LOCATED IN THE SITE MANAGER'S OFFICE WITH REMOTE TEMPERATURE/HUMIDITY SENSORS TO BE LOCATED IN EACH PROCEDURE ROOM. THE REMOTE TEMPERATURE TO BE ADJUSTED IN THE PROCEDURE ROOMS IF SO DESIRED AND NOTHING ELSE. DOWNLOAD THE "PRISM" SOFTWARE ONTO THE TENANT PC. INTERLOCK WITH THE SYSTEM MANAGER TO ALLOW FOR WEB BASE INTERNET ACCESS. AAON AIR HANDLING UNITS ARE TO ONLY BE INSATLLED AND COMMISIONED BY FACTORY TRAINED/CERTIFIED CONTRACTORS.
- 2) ALL AIR HANDLING UNITS CAPACITIES ARE BASED ON 99°F db/77°F wb AMBIENT TEMPERATURE
- 3) AIR HANDLING UNITS TO BE PROVIDED WITH REVERSIBLE TXV (THERMAL EXPANSION VALVE), FILTER DRYER, P-TRAP, MERV 8 INTEGRAL FILTER AND SINGLE POINT POWER CONNECTION FOR THE ELECTRIC HEATER AND FAN MOTOR.
- 4) AAON AIR HANDLING UNIT'S COOLING TEMPERATURE SETPOINT TO BE 66°F AND HEATING SETPOINT TO BE 68°F.
- 5) ANY AIR HANDLING UNITS MUST BE CAPABLE OF THE EXTERNAL STATIC PRESSURE PER THIS SCHEDULE
- 6) CONTRACTOR WILL (NO SUBSTITUTES) ONLY PURCHASE/OBTAIN THE AAON EQUIPMENT FROM THE FOLLOWING: CONTACT: GRAHAME ELDRIDGE WITH WINDY CITY REPRESENTATIVES

Phone (630) 590-6933 CELL (708) 790-1122

DUCTLESS MULTI-SPLIT HEAT PUMP AIR HANDLING UNIT SCHEDULE FAN DATA COOLING DATA HEAT PUMP HEATING DATA TEM# ELECT. DATA WEIGHT (LBS.) MODEL # MODEL # MANUFACTURER SENSIBLE HI-TEMP. HEAT 47 O.A.T. LOW-TEMP. HEAT 17 O.A.T. INDOOR AREA SERVED E.S.P. OUTDOOR DBA DOOR JNIT INDOOR UNIT OUTDOOR UNIT INDOOR UNIT INDOOR/OUTDOOR BTU/HR BTU/HR BTU/HR. K.W. BTU/HR. K.W. FCU-I NURSE WORK 385 NA DX N/A 19,640 17,000 FTXS15LVJU DAIKIN ONE OUTDOOR HEAT PUMP UNIT-(VRV SYSTEM) 208v/1ø/60hz FCU-2 LOUNGE/CONF.R N/A 210 7,860 6,800 CTXS07LVJL DAIKIN NOMINAL 2 TONS

- 1) AIR COOLED HEAT PUMP UNITS TO BE PROVIDED WITH LOW AMBIENT CONTROLS DOWN TO 0° F, TXV (THERMAL EXPANSION VALVES) AND FACTORY SUPPLIED WALL MOUNTED PROGRAMABLE THERMOSTAT
- 2) ALL REFRIGERANT PIPING TO BE SIZED AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS FOR A VRV SYSTEM.
- UNIT'S THERMOSTAT, BLOWER FAN SHALL BE OFF AND OUTSIDE AIR DAMPERS 3) AIR COOLED DUCTLESS SPLIT HEAT PUMP UNIT WILL HAVE A SINGLE POINT POWER CONNECTION
 - 4) AIR HANDLING UNITS TO BE PROVIDED WITH FACTORY OPTION CONDENSATE PUMP AND REMOTE THERMOSTAT. FACTORY OPTION CONDENSATE PUMP (HARD WIRED THRU UNIT) TO BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.

EMERGENCY SHUT DOWN SYSTEM

IS TO BE IN COMPLIANCE WITH NFPA 90A.

**ALL NEW ROOFTOP UNITS AND FANS SHALL BE INTERLOCKED WITH A ON/OFF SWITCH. THIS ON/OFF SWITCH SHALL BE LOCATED IN THE NURSES STATION AREA AND CLEARLY/NEATLY IDENTIFY ON THE WALL DIRECTLY ABOVE THE ON/OFF SWITCH WITH 1/4" HIGH LETTERS "MANUAL HVAC SHUTDOWN PER NFPA 90A". THE ON/OFF SWITCH OVERRIDE THE EVERYDAY CONTROLS AND SHALL STOP ALL HVAC EQUIPMENT OPERATIONS IN THE "OFF" POSTION AND RESUME NORMAL OPERATIONS IN THE "ON" POSITION. THE ON/OFF SWITCH IS TO A 24 VOLT CONTROL LINE ITEM THAT INTERLOCKS WITH THE HVAC EQUIPMENT CONTROLS AND NOT THE POWER TO THE EQUIPMENT. THE MANUAL SHUTDOWN OF THE HVAC EQUIPMENT

PROVIDE FOR THE ON/OFF SWITCH INDICATED FOR THE MANUAL SHUT-DOWN, A RED (30.5 MM) MUSHROOM PUSH BUTTON WITH NC CLOSED CONTACTS TO DE-ENERGIZE CONTROL CIRCUIT OF ALL AIR HANDLING UNITS AND FANS. MOUNT PUSH BUTTON IN FLUSH MOUNTED OUTLET BOX WITH STAINLESS STEEL COVER AND PHENOLIC NAMEPLATE WITH WHITE LETTERS AND RED BACKGROUND THAT READS "EMERGENCY HVAC SHUTDOWN".

DUCTLESS SPLIT SYSTEM AHU/HEAT PUMP UNIT -HTG 72°F/COOLING 74°F SETPOINT.

- DURING OCCUPIED PERIOD AS PROGRAMMED ON ASSOCIATED FAN COIL UNIT THERMOSTAT, BLOWER FAN SHALL RUN CONTINUOUSLY.
- 2 ON A CALL FOR HEATING, IF ALL SAFETIES ARE SENSED, THEN COMPRESSOR SHALL BE ENERGIZED, THE UNITS HEATING CYCLE SHALL RUN UNTIL SETPOINT IS SATISFIED.
- 3 ON A CALL FOR HEATING/COOLING, THE UNIT MOUNTED CONTROLS SHALL ENERGIZE OUTDOOR COMPRESSOR SHALL BE ENERGIZED. THE UNIT COOLING CYCLE SHALL RUN UNTIL SETPOINT IS SATISFIED.

ELECTRIC STEAM HUMIDIFIER SCHEDULE PIPE CONNECTIONS STEAM ELECTRICAL WEIGHT AREA SERVED MODEL # MANUFACTURER (LBS.) ORIP PAN OVERFLOW | DRAIN DRAIN 3.3 MDM-208-3-10 | HERRMIDIFIER AHU-2 3.3 HERRMIDIFIER MDM-208-3-10 13.3 MDS-208-3-40 HERRMIDIFIER JNIT (7% TON EX. ROOFTOP MDM-208-3-15 HERRMIDIFIER UNIT (5 TON)

- 1) CONTRACTOR WILL ONLY PURCHASE/OBTAIN THE ATS EQUIPMENT FROM THE FOLLOWING ENVIRONMENTAL PRODUCTS, INC. CONTACT: DAVID ALI
- 57 TIMONIUM ROAD, SUITE 303 Phone (410) 560-7950 Fax (410) 560-7953 TIMONIUM, MARYLAND 21093
- 2) PRIOR TO THE INSTALLATION OF THE HUMIDIFIER SYSTEM, A WATER TEST MUST BE CONDUCTED AND THE RESULTS SENT TO DAVE ALI, ABOVE, FOR MANUFACTURER ANALYSIS.

MISCELLANEOUS HEATING SCHEDULE

ITEM#	AREA SERVED	HEATER TYPE	C.F.M.	K.W.	BTU/HR	ELEC. DATA	STEPS OF CONTROL	CONTROL	MANUFACTURER/ MODEL #
EDH-1	SIDE ENTRANCE	ELECTRIC DUCT HEATER	255	2.0	6,826	208/3	2	WALL MTD. THERMOSTAT	INDEECO/SLIP-IN
EDH-2	WAITING AREA	ELECTRIC DUCT HEATER	550	5.0	17,065	208/3	2	WALL MTD. THERMOSTAT	INDEECO/SLIP-IN
EDH-3	NURSE CONSULTANT	ELECTRIC DUCT HEATER	285	2.5	8,532	208/3	1	WALL MTD. THERMOSTAT	INDEECO/SLIP-IN
EDH-4	SIDE ENTRANCE ¢ PREP/HOLDING	ELECTRIC DUCT HEATER	450	4.0	13,652	208/3	3	WALL MTD. THERMOSTAT	INDEECO/SLIP-IN
EDH-5	PREP/HOLDING	ELECTRIC DUCT HEATER	105	1.0	3,413	208/3	3	WALL MTD. THERMOSTAT	INDEECO/SLIP-IN
EDH-6	PATIENT RECOVERY	ELECTRIC DUCT HEATER	110	1.0	3,413	208/3	3	WALL MTD. THERMOSTAT	INDEECO/SLIP-IN
HUH-I	ABOVE THE CEILING	ELECTRIC UNIT HEATER	350	4.0	13,652	208/3	. 1	INTEGRAL THERMOSTAT	BERKO/HUHAA-320
NOTEC									

- 1) ALL EQUIPMENT SHALL BE AS SCHEDULED OR EQUAL
- 2) ELECTRIC DUCT HEATERS HEATING ONLY THERMOSTATS (PULSE-TYPE) BY INDEECO.
- 3) ELECTRIC DUCT HEATER TO BE QUA SLIP-IN HEATER (OPEN COIL) WITH CONTROL SCR CONTROLLER (OPTION K) AND AIR PROVING SWITCH.
- 4) ALL ELECTRIC HORIZONTAL HEATERS TO BE PROVIDE AND INSTALLED WITH FACTORY OPTION MOUNTING BRACKETS.

FAN SCHEDULE											
ITEM #	AREA SERVED	C.F.M.	E.S.P.	HP/WATTS	R.P.M.	CONTROL	ELEC. DATA	SONES	MODEL #	MFGR.	
F-1	TOILET ROOMS, JANITORS, ETC.	450	.45"	.167 HP	1,306	INTERLOCK W/ EX. 5 TON RTU OCCUPIED MODE	120v/1¢	6.8	100 ACEB	COOK	
F-2	TRASH ROOM AND SOILED LINEN AREA	375	.45"	.167 HP	1,333	24 HOURS/ 7 DAYS A WEEK	120v/1φ	7.1	80 ACEB	COOK	
F-3	TELE./COMP.	240	.375"	226 W	677	REVERSE ACTING THERMOSTAT	120v/1φ	2.7	GC-640	COOK	
NOTES.											

NOTES: 1) MANUFACTURER FAN SELECTIONS SHALL INCLUDE EXTERNAL PRESSURE DROP AND FAN DRIVE LOSS

2) VENTILATION FAN F-3 TO BE PROVIDED WITH FACTORY OPTION ADJUSTABLE SPEED CONTROLLER TO BE MOUNTED ON SIDE OF FAN HOUSING. SPEED CONTROLLER FOR FINAL AIR BALANCING.

ELECTRIC WATER HEATER SCHEDULE PIPE CONNECTIONS RECOVERY TANK MANUFACTURER FLEMENT HEIGHT XDIAMETER RATE CAPACITY (IN.) OUTLET (IN.) AREA SERVED DATA MODEL # (IN.xIN.) STATE/ CSB 52 9 IFE 55¼"x21¾" 9.0 208v/3Φ LOUNGE, ET

1) PROVIDE 100°F TEMPERATURE WATER RISE FOR 40°F ENTERING WATER TEMEPERATURE.

PLUMBING FIXTURE SCHEDULE

ITEM #	DESCRIPTION		PIPE	SIZES	TRAP	REMARKS		
1114	DESCRIPTION	C.W.	H.W.	SAN.	VENT	TYPE	NLI IARKS	
P-1	WATER CLOSET	½"	_	4"	2"	INTEGRAL	HANDICAPPED	
P-IA	BEDPAN CLEANER	1/2"	- ,	_	_	-	-	
P-IB	CLINIC SERVICE SINK	1"	-	4"	2"	"P"	-	
P-2	WALL HUNG SINK	1/2"	1/2"	2"	2"	"P"	HANDICAPPED	
P-2A	NURSE/CLEAN WORK SINK	1/2"	½"	2"	2"	"P"	ONLY THE NURSE WORK SINK TO BE PROVIDED WITH EYE WASH	
P-2B	LOUNGE/CONFERENCE SINK	½"	1/2"	2"	2"	"P"		
P-2C	SCRUB SINK	1/2"	1/2"	2"	2"	"P"	-	
P-2D	SOILED WORK AREA	1/2"	1/2"	2"	2"	"P"	12" DEEP BOWL	
P-2E	PATIENT RECOVERY COUNTERTOP HAND SINK	½"	1/2"	2"	2"	"P"	HANDICAPPED	
P-2F	PATIENT RECOVERY WALL MTD. HAND SINK	½"	% "	2"	2"	"P"	HANDICAPPED	
P-3	JANITOR'S SINK	3/4"	3/4"	3"	2"	"P"	-22	
P-4	REFRIG. ICE MAKER	½"	-	-	_	_	-	
P-5	SHOWER	½"	1/2"	2" SD	2"	"P"	HANDICAPPED	
P-6	WATER FOUNTAIN	½"	-	2"	2"	"P"	HANDICAPPED	
0 200								

- 1) ALL EQUIPMENT SHALL BE AS SCHEDULED OR EQUAL
- TMV-1 THERMOSTATIC MIXING VALVE (POINT OF USE AT THE WATER HEATER ONLY)
- LEONARD (SYMMONS OR LEONARD) THERMOSTATIC TEMPERATURE CONTROLLER MODEL #XL-82, ASSE 1017 CERTIFIED. FIELD SET TEMPERATURE AT 120°F MAXIMUM LEAVING WATER HEATER. PLUMBING CONTRACTOR SHALL INSTALL AND PIPE THERMOSTATIC MIXING VALVE PER THE
- MANUFACTURER'S INSTRUCTIONS.

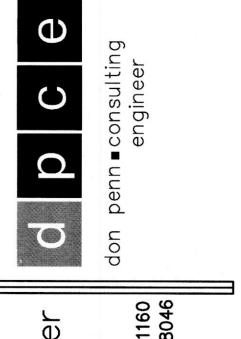
TMV-2 THERMOSTATIC MIXING VALVE (EYEWASH)

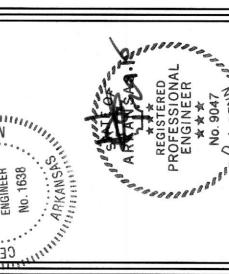
LEONARD MODEL #TA-300 THERMOSTATIC MIXING VALVE WITH WITH TEMPERATURE LIMIT STOP, DIAL THERMOMETER ON THE OUTLET, MOUNTING BRACKETS, MIN. FLOW OF A ½ GPM @ 5 PSI SUPPLY PRESSURE, ½" INLETS, ANGLE CHECKSTOP ON INLETS, AND ROUGH BRONZE FINISH. ASSE 1071 CERTIFIED.

NOTE: FIELD SET TEMPERATURE ±75°F

TMV-3 THERMOSTATIC MIXING VALVE (POINT OF USE AT ALL SINKS EXCEPT P-2C) SYMMONS (LAWLER OR LEONARD) "MAXLINE" MODEL #5-210-CKX-NI THERMOSTATIC MIXING VALVE WITH 3/ INLET AND OUTLET WITH COMPRESSION FITTINGS, BRASS AND BRONZE BODY, STAINLESSE STEEL FLOW, CONTROL COMPONENTS, VANDAL RESISTANT LOCKABLE HANDLE, SEPARATE CHECKS, WALL BRACKETS, ROUGH CHROME FINISH. ASSE 1070 CERTFIED. FIELD SET TEMPERATURE AT 110EL MAXIMUM.

MECHANICAL CONTRACTOR <u>MUST</u> BE CERTAIN THAT ALL NEW DOMESTIC WATER AND SPRINKLER PIPES INSTALLED THROUGHOUT WILL NOT FREEZE. THE CONTRACTOR MUST MAKE PROVISIONS TO PREVENT ANY PIPE FROM FREEZING THROUGHOUT OF OUR AREA OF WORK. IF NEEDED INSTALL MORE ELECTRIC HEATERS WHERE REQUIRED.





REVISIONS



ISSUED FOR BUILDING PERMI

CHECKED: DLI

DATE: 07/24/2014

JOB NO: 11216

DRAWN: DLI

711 N. FIELDER RD. ARLINGTON, TX 76012

PH: (817) 635-5696 FAX: (817) 635-5699

CORTLAND MORGAN ARCHITECT

T +

SHEET NUMBER

SCHEDULES

3. HUMIDISTAT TO BE PROVIDED WITH HUMIDIFIER FROM MANUFACTURER. 4. MAXIMUM DISTANCE FROM THE DUCT MOUNTED MANIFOLD TO THE WALL

MEW JANITOR SINK FLOOR HUMIDIFIER DETAIL

HUMIDIFIER

I. HUMIDIFIER TO BE PROVIDED WITH AN <u>AIR PROVING SWITCH</u> AND <u>HIGH LIMIT</u>

**5. FROM APRIL THROUGH OCTOBER THE HUMIDIFIER IS TO BE TURN OFF AND FROM OCTOBER TO APRIL THE HUIMIDIFIER IS TO BE TURN ON.

COPPER STEAM

MIN. I" PER FOOT

BACK TO PROMOTE PROPER CONDENSATE

FIELD VERIFY AND

WATER LINE ABOVE

THE CEILING FOR

PROPER SERVICE

CONNECTION. INSTALL

-- I" CONDENSATE DRAIN

WITH 3" DEEP SEAL TRAP

A CHECK VALVE IN-LINE.

EXTEND 1/2" COLD

CONDENSATE RETURN. PITCH

LINE WITH

FLOW

SATISFIED.

MODULATE TO THEIR MAXIMUM AIRFLOW AND DURING THE UNOCCUPIED

TEMPERATURE NIGHT SETBACK AS FOLLOWS:

70°F AND HEATING SETPOINT TO BE 66°F.

ON A CALL FOR COOLING, THE UNIT MOUNTED CONTROLS SHALL ENERGIZE

DUCT STEAM DISTRIBUTOR

SUPPLY AIR DUCT-

DUCT MOUNTED HIGH

LIMIT. INSTALL 8'-0"

STEAM DISTRIBUTOR. -

DOWNSTREAM OF

1/2" COLD WATER WALL MOUNTED HUMIDIFIER CONTROL-

PROVIDE A MIN. 3" AIR GAP.

TO FLOOR DRAIN AND/ OR MOP SINK.

> <u>HUMIDISTAT</u> SENSOR. 2. CONTRACTOR TO REFER TO THE MANUFACTUER'S INSTALLATION MANUAL FOR PROPER CONDENSATE RETURN.

MOUNTED HUMIDIFIER IS 20'-0".

OR ANY SAFETY/CONTROL EXCEEDS ITS LIMITS

EX.PAHU-I TO MAINTAIN OCCUPIED MODE AS SCHEDULED WITH SEVEN (7)