

**HVAC GENERAL NOTE**

- ALL MECHANICAL EQUIPMENT AND INSTALLATIONS SHALL CONFORM WITH THE REQUIREMENTS OF THE STANDARD MECHANICAL CODE, THE STANDARD BUILDING CODE, THE STATE ENERGY CODE, NFPA 90A, 101, AND ALL APPLICABLE CODES AND ORDINANCES.
- DO NOT SCALE THESE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL EQUIPMENT AND CONFORM TO OWNER'S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR THE SYSTEM TO BE IN COMPLETE PROPER WORKING ORDER. THIS CONTRACTOR SHALL CO-ORDINATE HIS WORK WITH OTHER TRADES TO AVOID INTERFERENCES AND DELAYS IN CONSTRUCTION.
- PRIOR TO PURCHASING ANY MATERIALS OR STARTING ANY WORK, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DUCTWORK SIZES AND LOCATIONS, EQUIPMENT, ETC. SHOWN ON THE DRAWINGS OR AFFECTING THIS WORK AND SHALL REPORT ANY DEVIATIONS TO THE ARCHITECT.
- SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY MECHANICAL EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL NEW EQUIPMENT SCHEDULED OR SPECIFIED ON THE DRAWINGS. SHOP DRAWINGS SHALL HAVE THE EQUIPMENT LABELED TO MATCH THE UNIT DESIGNATION SHOWN ON THE DRAWINGS. PROVIDE ALL INFORMATION INDICATED IN THE SCHEDULES OR ON THE DRAWINGS. SUBMIT ALL EQUIPMENT AT THE SAME TIME.
- CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
- ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE (FUUSED OR NON-FUUSED) WITH EQUIPMENT CHARACTERISTICS, MANUFACTURER'S RECOMMENDATIONS AND ELECTRICAL DRAWINGS.
- ALL REQUIRED WIRING, WIRING NOT SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE INCLUDED AS PART OF THE MECHANICAL WORK.
- UNLESS NOTED OTHERWISE, STARTERS, SMOKE DETECTORS, TRANSFORMERS, CONTROLS AND CONTROL WIRING REQUIRED FOR ALL MECHANICAL SYSTEMS SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- STARTERS FOR MECHANICAL EQUIPMENT SHALL BE PROVIDED BY HVAC.
- ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.
- ALL HVAC COMPRESSORS SHALL HAVE EXTENDED 5-YEAR MANUFACTURER'S WARRANTY.
- FOR EXACT LOCATION OF ROOF MOUNTED MECHANICAL EQUIPMENT SEE ARCHITECTURAL ROOF PLANS AND STRUCTURAL DRAWINGS. COORDINATE THESE ITEMS WITH THE ARCHITECT, STRUCTURAL ENGINEER AND LANDLORD PRIOR TO START OF WORK.
- CONTRACTOR SHALL VERIFY EXISTING MECHANICAL ROOF TOP UNIT LOCATIONS PRIOR TO DUCTWORK.
- SUPPLY, RETURN, MAKE-UP, AND EXHAUST DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL AS RECOMMENDED IN SMACNA HVAC DUCT CONSTRUCTION STANDARDS, LATEST EDITION. ALL JOINTS AND SEAMS IN ALL SHEET METAL DUCTWORK SHALL BE SEALED WITH DUCT SEALER, UL LISTED 181A OR 181B FOR TAPES AND MASTICS. DO NOT USE DUCT TAPE.
- DUCT ABOVE CEILING: 1.5" THICK, MINIMUM R=6.0, JOHNS MANVILLE TYPE 800 OR EQUAL.
- DUCTWORK CONNECTING KITCHEN EXHAUST HOODS TO ROOF TOP EXHAUST FANS SHALL BE CONSTRUCTED OF 16 GAUGE BLACK STEEL OR 18 GAUGE STAINLESS STEEL. ALL GREASE EXHAUST DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED ACCORDING TO REQUIREMENTS OF LOCAL CODE AUTHORITIES AND NFPA 96 REQUIREMENTS. INSTALL GASKETED ACCESS DOORS AT EACH CHANGE OF DIRECTION. DOOR SHALL NOT BE LESS THAN 1.5" FROM EDGE OF DUCTWORK.
- DUCT INSULATION, FIBERGLASS DUCT WRAP, WITH FOIL FACED VAPOR BARRIER INSULATION SHALL BE UL LISTED, JOHNS MANVILLE, OWENS CORNING, OR EQUAL. IF DUCTWORK SUPPORT STRAPS ARE ATTACHED TO THE DUCT THEN LOCATE STRAPS INSIDE THE INSULATION AND SEAL WITH MASTIC AT PUNCTURE. ALL PUNCTURES (STAPLES) AND PENETRATIONS OF THE FOIL VAPOR BARRIER SHALL BE SEALED AIRTIGHT WITH FOIL TAPE AND/OR MASTIC. MASTIC MUST BE APPLIED THICK ENOUGH TO COMPLETELY COVER STAPLES. PERIMETER JOINTS SHALL BE FORMED SUCH THAT THE INSULATION ON THE TOP OF THE DUCT OVERLAPS THE INSULATION ON THE SIDES AND THE SIDES OVERLAP THE BOTTOM. INSULATE WITH TRAPEZOIDAL TYPE HANGERS - WHERE NECESSARY PROVIDE WOOD DOWELS OR BLOCKS THE SAME THICKNESS AS THE INSULATION INSERTED INTO THE INSULATION AT THE HANGER.
- AS A MINIMUM, INSULATE KITCHEN HOOD EXHAUST DUCT LOCATED IN THE BUILDING WITH INSULATION HAVING THE FOLLOWING CHARACTERISTICS: MIN. 1.5 LB/ CU.FT. FIBERGLASS, FOIL FACED (FRK), CAPABLE OF BEING USED ON SURFACES WITH TEMPERATURES OF 450° F., FLAME SPREAD 25 OR LESS AND SMOKE DEVELOPED OF 50 OR LESS. OWENS CORNING TYPE 700 INSULATION. CLEANOUTS FOR DUCT SHALL BE COVERED BY ENCLOSURE AND HAVE AN INSULATION OVERLAP OF 3" OR AS REQUIRED. SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS. MAINTAIN 18" CLEAR FROM COMBUSTIBLE PRODUCTS / CONSTRUCTION AND MAINTAIN MINIMUM 6" CLEAR FROM PRODUCTS / CONSTRUCTION WITH LIMITED COMBUSTIBILITY. CONTACT ARCHITECT IF A PRODUCT IS QUESTIONABLE AS TO THE DEGREE OF COMBUSTIBILITY. IF COMBUSTIBLE PRODUCTS ARE UNAVOIDABLE, WRAP DUCT (COMPLETELY COVER) WITH INSULATION HAVING THE FOLLOWING CHARACTERISTICS: 3" THICK (FOR 2 HOUR RATING) FIRE PROOFING BOARD OF CALCIUM SILICATE, LISTINGS OF IMC AND NFPA 96 AND UL LISTED, ZERO CLEARANCE TO COMBUSTIBLES. INSTALL PER THE MANUFACTURER'S INSTRUCTIONS INCLUDING THE PROPER FIRESTOP. SUPER FIRESTOP GREASE DUCT ENCLOSURE BY JOHNS MANVILLE OR EQUAL. CLEANOUTS FOR DUCT SHALL BE COVERED BY ENCLOSURE AND HAVE AN INSULATION OVERLAP OF 3" OR AS REQUIRED - SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DIAGRAMS. ALL GREASE DUCT SHALL SLOPE BACK TOWARDS THE HOOD A MINIMUM OF 1/4" PER LINEAR FOOT.
- ALL DUCTWORK SHALL BE CONSTRUCTED BY THE GUIDELINES OF SMACNA (MINIMUM OF THE 1995 EDITION IF NO MORE CURRENT ADDITION IS AVAILABLE). DUCT AND EQUIPMENT SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. DUCT SUPPORTS AND ATTACHMENT TO STRUCTURE SHALL BE AS PER SMACNA STANDARDS. ALL EXHAUST DUCT UNDER A NEGATIVE PRESSURE AND ALL RETURN DUCT LOCATED IN CEILING PLenums SHALL BE CONSTRUCTED TO A MINIMUM PRESSURE CLASS OF NEGATIVE "J" AND ALL JOINTS SHALL BE SEALED TO A SEAL CLASS OF "G" AS DEFINED BY SMACNA. SUPPLY AND MAKE-UP AIR DUCT SHALL BE CONSTRUCTED TO A PRESSURE CLASSIFICATION OF 1" AND SEALED TO A CLASS "C".
- FLEXIBLE DUCTWORK SHALL BE THE INSULATED TYPE (R=6.0), CLASS 1 AIR DUCT, UL 181 LISTED, THERMAFLEX OR EQUAL. DUCT SHALL BE SIZED AT 0.08"/100 FT STATIC PRESSURE DROP WHERE A SIZE IS NOT NOTED ON DRAWINGS. FLEXIBLE DUCTWORK SHALL BE INSTALLED AS STRAIGHT AS POSSIBLE, AND SHALL BE ROUTED AND SUPPORTED WITHOUT FORMING CRUMPS OR OTHER AIR FLOW RESTRICTIONS. PROVIDE SQUARE TO ROUND ADAPTERS OR BOOTS TO CONNECT TO AIR DEVICE NECK WHEN REQUIRED.
- ROUND AND FLEXIBLE DUCTWORK SHALL BE CONNECTED TO MAIN DUCTS WITH SPR-BY FITTINGS WITH BALANCING DAMPERS.
- PORTIONS OF DUCTWORK VISIBLE THROUGH AIR DISTRIBUTION DEVICES IN FINISHED AREAS SHALL BE PAINTED FLAT BLACK.
- DUCTWORK DIMENSIONS SHOWN ON THE DRAWINGS ARE INSIDE CLEAR DIMENSIONS. INCREASE SIZE TO ACCOMMODATE SIZER.
- AFTER CONSTRUCTION, THE ENTIRE HVAC SYSTEM, INCLUDING THE EXHAUST, MAKE-UP, SUPPLY AND RETURN AIR SYSTEMS SHALL BE TESTED, ADJUSTED, AND BALANCED TO DELIVER THE AIR QUANTITIES SHOWN ON THE DRAWINGS. SUBMIT CERTIFIED TEST AND BALANCE REPORT TO ARCHITECT FOR APPROVAL. TESTING AGENCY SHALL BE ASBC OR NEBB CERTIFIED AND SHALL BE INDEPENDENT (NONAFFILIATED) FROM THE CONTRACTOR (INCLUDING SUBCONTRACTOR). EXHAUST AND RETURN SYSTEMS UNDER NEGATIVE PRESSURE SHALL NOT EXCEED BY MORE THAN 10% FOR EACH FAN AND BY NO MORE THAN 10% AT EACH INLET OF THE VALUES INDICATED ON THE DRAWINGS.
- ALL WORK SHALL BE COORDINATED AND PERFORMED WITH PRIOR APPROVAL FROM THE OWNER TO SUIT HIS OPERATING CONDITIONS.
- ANY EXISTING WALL, FLOOR, OR CEILING SURFACE THAT IS DISTURBED DURING THE COURSE OF THE HVAC WORK SHALL BE REPAIRED TO MATCH NEW AND/OR EXISTING CONDITIONS.
- CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT.
- THERMOSTATS SHALL NOT HAVE MERCURY. MOUNT THERMOSTATS 4'-4" A.F.F. UNLESS NOTED OTHERWISE. PROVIDE CLEAR LOOKING COVER ASSEMBLIES FOR ALL THERMOSTATS.
- LOCATIONS OF GRILLES, REGISTERS, & DIFFUSERS SHOWN ON THE DRAWINGS ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH LIGHTS, CEILING GRID, ETC.
- PROVIDE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS AND IN WALL STRUCTURE TO ALLOW ADEQUATE ROOM FOR MAINTENANCE OF EQUIPMENT AND BALANCING OF SYSTEM.
- ALL EQUIPMENT SHALL BE LABELED WITH BAKELITE PLASTIC ENGRAVED NAMEPLATES WITH MINIMUM 1" LETTERING.
- DURING CONSTRUCTION AND PRIOR TO OPERATING RTUs PROVIDE 2" PLEATED FILTERS, SOAK RESISTANT, IN UNITS. ALSO PROVIDE FILTER MEDIA AT RETURN DUCT INLET. AT TIME OF TEST AND BALANCE REMOVE FILTER MEDIA AND PLEATED FILTERS AND PROVIDE SCHEDULED/SPECIFIED FILTERS FOR THE UNIT.
- ACCESS DOORS IN CEILINGS/WALLS SHALL BE A MINIMUM OF 12" WIDENED, AND FIRE RATED TO MATCH CEILING/WALL RATING. DUCT ACCESS DOORS SHALL BE ON WALL. WALLS SHALL BE INSTALLED ON SUPPLY DUCT, AND PROVIDED WITH THUMB LATCHES FOR EASY TIGHT FIT.
- PROVIDE MVDS AT TAKE-OFFS, WHERE ACCESSIBLE CEILING MAKE-UP IS PROVIDED, OF RUNOUTS TO DIFFUSERS AND WHERE SHOWN ON PLANS. WHERE BALANCING DAMPERS ARE ALSO PROVIDED ON THE SUPPLY GRILLE/DIFFUSER (SEE SCHEDULE), BALANCE THE SYSTEM WITH THE DAMPER IN THE TAKE-OFF (NOT AT GRILLE). GRILLE DAMPER SHOULD BE 100% OPEN AFTER TEST AND BALANCE.
- DO NOT USE TURNING VANES ON RETURN EXHAUST OR ELBOWS UNLESS NOTED OR SHOWN AS INSTALLED. INSTEAD USE STAIR RODS OR CURS ELBOWS.
- WALL CAPS FOR TOILET EXHAUST SHALL HAVE A FLOW RATE DROP NOT GREATER THAN 0.10" AT 150 CFM. PENN MODEL 1000 OR EQUAL.
- PROVIDE DUCTWORK WITH SUPPORTS UNDER ALL MAKE-UP AND EXHAUST.
- FIRE STOPPING SHALL BE PROVIDED AT PENETRATIONS OF FIRE AND OR SMOKE-RATED ASSEMBLIES SHALL BE RE-STOPPED AS SHOWN. FIRE RESTORE ASSEMBLY TO THE ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURER'S SPECIFICATION: CP25 CAULK, CS195 COMPOSITE PANEL, FS195 WRAP/ STRIP, OR PSS 7900 FIBRES SYSTEM AS RECOMMENDED BY MFG. FOR PARTICULAR APPLICATION, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS.
- ALL DAMPERS SHALL BE AS NOTED IN THE DETAILS.
- SMOKE DETECTORS SHALL BE INSTALLED IN THE SUPPLY AIR SYSTEM WHERE MULTIPLE AIR-HANDLING SYSTEMS SHARE A COMMON SUPPLY OR RETURN AIR DUCT WITH A COMBINED DESIGN CAPACITY GREATER THAN 2,000CFM.

**NEW ROOF TOP UNIT SCHEDULE**

TAG	COOLING					HEATING			ELECTRICAL DATA					MANUFACTURE /MODEL	ACCESSORIES
	NOMINAL TONAGE	TOTAL CFM	NET COOLING CAPACITY (MBH)	TOTAL KW	EER /SEER	HEATING INPUT CAPACITY (MBH)	OUTPUT CAPACITY (MBH)	AFUE (%)	NOMINAL VOLTAGE	DISCONNECT MCA	COMPRESSOR MOTORS MOCAP	CONDENSER FAN MOTOR FLA	CONDENSER FAN MOTOR LRA		
TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

ACCESSORIES  
 A. COOLING CAPACITIES BASED ON 95 DEG. F. AMBIENT ENTERING CONDENSER COIL.  
 B. UNIT SHALL BE BELT DRIVE.  
 C. PROVIDE 2" THICK, PLEATED, 30% FILTERS (SEE GENERAL NOTES THIS SHEET).  
 D. PROVIDE ENTHALPY ECONOMIZER WITH POWERED EXHAUST/RELIEF FAN.  
 E. PROVIDE A PROGRAMMABLE 7 DAY THERMOSTAT, WITH 2 HOUR OVERRIDE BUTTON, SETBACK TEMPERATURES, 10 HOUR BATTERY BACKUP, AUTOMATIC CHANGEOVER AND 5' DEADEND CAPABILITY BETWEEN HEAT AND COOL.  
 F. PROVIDE AN INTEGRAL CONVENIENCE OUTLET.  
 G. WEIGHT INCLUDES UNIT, ACCESSORIES AND ROOF CURS.  
 H. COOLING CAPACITIES SHALL NOT BE LESS THAN THE VALUES SCHEDULED, VALUES SHOWN ARE GROSS VALUES.  
 I. PROVIDE SMOKE DETECTOR FOR THE SUPPLY AIR STREAM OF EACH AIR DISTRIBUTION SYSTEM.

TAG	MODEL	MAX WT (LBS)	CORNER WEIGHTS (LBS)		
			A	B	C
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD

**GRILLES & DIFFUSERS**

TAG	SERIES	TYPE/NOTES	DUTY	INTERNAL BALANCING DAMPER	SIZE	MATERIAL	ACCESSORIES
(A)	TITUS TMSA	SQUARE CEILING DIFFUSERS	SUPPLY	YES	24x24"	STEEL	1
(B)	TRUARE SD1	SADDLE MOUNTED SPIRAL DIFFUSERS	SUPPLY	YES	18x6"	STEEL	1
(C)	TRUARE SD1	SADDLE MOUNTED SPIRAL DIFFUSERS	SUPPLY	YES	18x6"	STEEL	1
(D)	TRUARE SD1	SADDLE MOUNTED SPIRAL DIFFUSERS	SUPPLY	YES	18x10"	STEEL	1
(E)	TITUS 56F	1'X1'X1" ALUMINUM GRID, STEEL FRAME	RETURN	NO	24x24"	STEEL	2

NOTE:  
 1. REFER TO ARCHITECTURAL DRAWINGS FOR TYPE OF CEILING AND SUSPENSION SYSTEM.  
 2. DIFFUSERS SHALL HAVE A BAKED ENAMEL FINISH.  
 3. RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK UNLESS NOTED OTHERWISE ON DRAWINGS.  
 4. PROVIDE SQUARE/RECTANGULAR TO ROUND TRANSITION WHERE INDICATED ON DRAWINGS AND PLANS FOR COLLAR SIZE.

ACCESSORIES:  
 1. PROVIDE PATTERN CONTROLLERS FOR ADJUSTMENT TO VERTICAL/HORIZONTAL AIR DISCHARGE.  
 2. PROVIDE WITH 6" HIGH PLENUM WITH ROUND COLLAR (SIZE AS NOTED) WHERE INDICATED ON DRAWINGS.

**DUCT INSULATION**

DUCT TYPE	DUCT LOCATION	INSULATION CHARACTERISTICS	NOTES
SUPPLY	ABOVE CEILING	1.5" R=6.0 2" THICK INSULATION, 3/4 LB DENSITY, INSTALLED	(2)
RETURN	ANYWHERE	1" R=3.0 1" THICK FIBERGLASS LINING WITH PERFORATED SHEET METAL LINER	--
OUTSIDE	ANYWHERE	INSULATION, R=8 MINIMUM	(3)
FLEX SUPPLY	ABOVE CEILING	1.5" THICK INSULATION	--

NOTE:  
 INSULATION CHARACTERISTICS SHALL BE AS NOTED IN GENERAL NOTES ON SHEET.  
 (1) OTHER LINED OR NOT, SEE FLOOR PLANS FOR REQUIREMENTS.  
 (2) UNCONDITIONED OUTDOOR AIR.  
 (3) SEE NOTE 17 ON THIS SHEET.

**RESTROOM EXHAUST FANS**

TAG	MANUFACTURE & MODEL NO.	MOUNTING LOCATION	FAN TYPE	CFM	EXT. STATIC	NOTES	HP	VOLTPH	KZ	RPM	WATT
TEF-1	NuTone / QTXEN110	TOILET	CEILING	110	0.10	NEW	1/10	120V	60	-	51.3

NOTE:  
 1. SOME VALUES ARE VALUES MEASURED 5 FT FROM THE FAN - OPEN ENDED. SOME VALUES MUST NOT EXCEED SCHEDULED AMOUNT BY MORE THAN 10%.  
 2. VALUES MUST NOT EXCEED SCHEDULED AMOUNT BY MORE THAN 10%.  
 3. FAN TO OPERATE BY WALL SWITCH.  
 4. FAN TO HAVE A UL 762 LISTING.  
 5. SHOWN FOR CLARIFICATION PURPOSES ONLY.

ACCESSORIES:  
 1. BACKDRAFT DAMPER AT FAN DISCHARGE.  
 2. PROVIDE WITH WALL CAP WCA-6.

**KITCHEN AIR BALANCE**

UNIT	OA CFM	EXHAUST CFM	ΔCFM
KH-1(84") KEF-1 & KSF-1	TBD	TBD	TBD
KH-2(96") KEF-2& KSF-1	TBD	TBD	TBD
RTU-2	TBD	TBD	TBD
TOTAL	TBD	TBD	TBD

**OUTDOOR AIR CALCULATIONS**

UNIT	SPACE-USAGE	AREA (SQ.FT.)	PEOPLE /1000 SQ.FT.	PEOPLE /PERSON	CFM /SOFT	TOTAL CFM	NOTES
TBD	TBD	TBD	TBD	TBD	TBD	TBD	
TBD	TBD	TBD	TBD	TBD	TBD	TBD	
TBD	TBD	TBD	TBD	TBD	TBD	TBD	
TBD	TBD	TBD	TBD	TBD	TBD	TBD	

TOTAL REQUIRED OUTDOOR AIR = 1,529.4 CFM  
 TOTAL OUTDOOR AIR PROVIDED THRU RTU-1 & 2 = 1,529.4 CFM

NOTE:  
 PER 2012 INTERNATIONAL MECHANICAL CODE, TABLE 403.3  
 (1) EXHAUST AT 110 CFM/FIXTURE  
 (2) EXHAUST AIRFLOW SYSTEM. SEE KITCHEN AIR BALANCE SCHEDULE

**LAPER**  
 ALPHARETTA, GEORGIA  
**MECHANICAL NOTES & SCHEDULES**

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