

RTU-1: VENTILATION CALCULATIONS (NCMC 2012, SECT 403):									
OCCUPANCY CLASSIFICATION	PEOPLE O/A RATE IN BREATHING ZONE (CFM/PERSON)	AREA O/A RATE IN BREATHING ZONE (CFM/SQ. FT.)	DEFAULT OCCUPANCY DENSITY (PEOPLE/1000 SQ. FT.)	EXHAUST AIRFLOW RATE (CFM/SQ. FT.)	AREA (SQ. FT.)	CALCULATED OCCUPANCY (PEOPLE)	CALCULATED PEOPLE O/A (CFM)	CALCULATED AREA O/A (CFM)	CALCULATED AREA E/A (CFM)
KITCHENS (COOKING)	0	0.000000	0	0.700000	764	0	0	0	535
TOILET ROOMS - PUBLIC	0	0.000000	0	70.000000	1	(FIXTURES)	0	0	70
STORAGE ROOMS	0	0.120000	0	0.000000	290	0	0	35	0
BLDG TOTAL OUTSIDE AIR REQ'D (Ez=0.8, CFM)							43		
BUILDING TOTAL OUTSIDE AIR PROVIDED (CFM)							3,320		
BUILDING TOTAL EXHAUST AIR REQUIRED (CFM)							605		
BUILDING TOTAL EXHAUST AIR PROVIDED (CFM)							4,050		

RTU-2: VENTILATION CALCULATIONS (NCMC 2012, SECT 403):									
OCCUPANCY CLASSIFICATION	PEOPLE O/A RATE IN BREATHING ZONE (CFM/PERSON)	AREA O/A RATE IN BREATHING ZONE (CFM/SQ. FT.)	DEFAULT OCCUPANCY DENSITY (PEOPLE/1000 SQ. FT.)	EXHAUST AIRFLOW RATE (CFM/SQ. FT.)	AREA (SQ. FT.)	CALCULATED OCCUPANCY (PEOPLE)	CALCULATED PEOPLE O/A (CFM)	CALCULATED AREA O/A (CFM)	CALCULATED AREA E/A (CFM)
DINING ROOMS	7,500000	0.180000	70	0.000000	1,564	109	821	282	0
CORRIDORS	0	0.060000	0	0.000000	60	0	0	4	0
TOILET ROOMS - PUBLIC	0	0.000000	0	70.000000	4	(FIXTURES)	0	0	280
BLDG TOTAL OUTSIDE AIR REQ'D (Ez=0.8, CFM)							1,383		
BUILDING TOTAL OUTSIDE AIR PROVIDED (CFM)							1,400		
BUILDING TOTAL EXHAUST AIR REQUIRED (CFM)							280		
BUILDING TOTAL EXHAUST AIR PROVIDED (CFM)							450		

AIR BALANCE SCHEDULE			
MECHANICAL EQUIPMENT (SYSTEM)	EXHAUST	MAKE-UP	OUTSIDE AIR
KITCHEN HOOD H-1	3900	3120	---
FF-1	150	---	---
FF-2	150	---	---
FF-3	150	---	---
FF-4	150	---	---
RTU-1	---	---	200
RTU-2	---	---	1400
SUB-TOTALS			
	4500.0	3120.0	1600.0
TOTALS			
	4500.0		4720.0

NET PRESSURE SUPPLIED TO BUILDING: 220 CFM (POSITIVE)

NOTES:
 1. ALL KITCHEN HOODS, KITCHEN HOOD CONTROLS, FIRE SUPPRESSION SYSTEMS, AND ASSOCIATED FANS SHALL BE FURNISHED BY COOKOUT AND INSTALLED BY THE MECHANICAL CONTRACTOR.
 2. KITCHEN AREAS ARE DESIGNED TO BE NEGATIVELY PRESSURIZED IN RELATIONSHIP TO ADJACENT DINING AREA.

2012 NORTH CAROLINA ENERGY CONSERVATION CODE COMMERCIAL ENERGY EFFICIENCY - MECHANICAL SUMMARY

501.1 METHOD OF COMPLIANCE

2012 NCECC CHAPTER 5 COMCHECK PROVIDED (2012 NCECC)
 ASHRAE 90.1-2010 PRESCRIPTIVE COMCHECK PROVIDED (90.1-2010)
 ASHRAE 90.1-2010 PERFORMANCE ENERGY MODELING DATA PROVIDED
 N/A (EXISTING LIGHTING, HVAC, AND DOM. WATER HEATING SYSTEMS TO REMAIN)

501.2 APPLICATION COMPLIANCE

506.2.1 EFFICIENT MECH EQUIPMENT 506.2.4 HI EFFICIENCY DOMESTIC HW
 506.2.2 REDUCED LTG DENSITY 506.2.5 ONSITE RENEWABLE ENERGY
 506.2.3 ENERGY RECOVERY SYSTEMS 506.2.6 DAYLIGHTING CONTROLS

501.3 CLIMATE ZONE
 4A - HENDERSON COUNTY, NORTH CAROLINA

DESIGN CONDITIONS
 EXTERIOR (ASHRAE 90.1-2007 TABLE D-1)
 winter dry bulb 70° F.
 summer dry bulb 81° F.
 summer wet bulb 71° F.
 INTERIOR (2012 NCECC SECTION 502.1)
 winter dry bulb 72° F.
 summer dry bulb 75° F.

503.2 HEATING & COOLING LOADS AND EQUIPMENT SYSTEM SIZING
 BUILDING HEATING LOAD 187,600 BTUH (peak)
 BUILDING COOLING LOAD 241,000 BTUH (peak)
 INSTALLED HEATING CAPACITY SEE SCHEDULES
 INSTALLED COOLING CAPACITY SEE SCHEDULES

503.2.1 & 506.1.1 - REQUIREMENTS FOR INCREASED HVAC EQUIPMENT PERFORMANCE
 SYSTEM DESCRIPTION: CONSTANT VOLUME ROOFTOP UNITS WITH NATURAL GAS HEAT

EQUIP. TYPE	SIZE CATEGORY (BTUH)	SUBCATEGORY	503.2.3 MINIMUM EFFICIENCY (b)	506.2.1 INCREASED EFFICIENCY	DESIGN EFFIC.
TABLE 5.3.2.3(1) - UNITARY AIR CONDITIONERS AND CONDENSING UNITS					
AIR COND. AIR COOLED	>= 65,000 & < 135,000	SPLIT SYSTEM & SINGLE PACKAGE	11.2 EER (c)	12.0 EER 12.4 IPLV	SEE SCHEDULE
AIR COND. AIR COOLED	>= 135,000 & < 240,000	SPLIT SYSTEM & SINGLE PACKAGE	11.0 EER (c)	12.0 EER 12.4 IPLV	SEE SCHEDULE

b. IPLVS ARE ONLY APPLICABLE TO EQUIPMENT WITH CAPACITY MODULATION.
 c. DEDUCT 0.2 FROM THE REQUIRED EERS AND IPLVS FOR UNITS WITH A HEATING SECTION OTHER THAN ELECTRIC RESISTANCE HEAT.

503.2.4 THRU 503.2.9
 HVAC SYSTEMS ARE FULLY COMPLIANT WITH THE REQUIREMENTS FOR HVAC SYSTEM CONTROL, VENTILATION, ENERGY RECOVERY, DUCT AND PLENUM INSULATION AND SEALING, PIPING INSULATION, AND SYSTEM COMPLETION.

503.2.10 - AIR SYSTEM DESIGN AND CONTROL
 ALL FANS INSTALLED ON THE PROJECT ARE 5 HP OR LESS AND ARE EXEMPT FROM THESE REQUIREMENTS.

503.3 - SIMPLE HVAC SYSTEMS AND EQUIPMENT (PRESCRIPTIVE)
 PROJECT CONSISTS OF ONLY DX SINGLE ZONE SYSTEMS FULLY COMPLIANT WITH THE SIMPLE PRESCRIPTIVE REQUIREMENTS OF 503.3.

503.4 - COMPLEX HVAC SYSTEMS AND EQUIPMENT (PRESCRIPTIVE)
 PROJECT CONSISTS OF HVAC SYSTEMS FULLY COMPLIANT WITH THE COMPLEX PRESCRIPTIVE REQUIREMENTS OF 503.4.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION	ABBR.
— G —	NATURAL GAS PIPING	G
— D —	CONDENSATE DRAIN	D
⊙	THERMOSTAT (WITHIN CAGE ABOVE MGR'S DESK)	
⊕	REMOTE TEMPERATURE SENSOR (5'-6" AFF TO TOP)	
⊖	EMERGENCY SHUT DOWN WITH CLEAR COVER	
⊗	AUDIO/VISUAL ALARM WIRED TO DUCT SMOKE DETECTOR	
⊘	SUPPLY AIR DIFFUSER (4-WAY)	
⊚	RETURN AIR GRILLE	
⊛	EXHAUST AIR GRILLE	
⊜	DOUBLE LINE DUCTWORK	
⊝	SINGLE LINE DUCTWORK	
⊞	MANUAL VOLUME DAMPER (SEE DETAILS #2 & #3 FOR ADDITIONAL LOCATIONS & REQUIREMENTS)	
⊠	20"x14" RECTANGULAR DUCT	
⊡	8" DIAMETER ROUND DUCT	
⊢	DUCT MOUNTED SMOKE DETECTOR W/ ACCESS DOOR	
⊣	CARBON MONOXIDE SENSOR (5'-6" AFF TO TOP)	
M.C.	MECHANICAL CONTRACTOR	
E.C.	ELECTRICAL CONTRACTOR	
P.C.	PLUMBING CONTRACTOR	
G.C.	GENERAL CONTRACTOR	
AFF	ABOVE FINISHED FLOOR	
A.D.	ACCESS DOOR	
E.A.	EXHAUST AIR	
M.A.	MAKE-UP AIR	
O.A.	OUTSIDE AIR	
R.A.	RETURN AIR	
S.A.	SUPPLY AIR	

EQUIVALENT MANUFACTURERS LISTING

LISTING MANUFACTURER NAME DOES NOT GUARANTEE APPROVAL. ALL EQUIPMENT MUST MEET OR EXCEED QUALITY AND CAPACITIES OF SPECIFIED EQUIPMENT. APPROVAL WILL BE BASED ON EQUIPMENT SUBMITTALS. ANY MANUFACTURER NOT LISTED BUT WISHING TO BID THIS PROJECT SHALL SUBMIT A WRITTEN REQUEST A MINIMUM OF 7 DAYS PRIOR TO BID DATE OR AS INDICATED IN THE SPECIFICATIONS, PRIOR APPROVAL IS REQUIRED FOR ALL MANUFACTURERS NOT LISTED.

PACKAGED ROOFTOP UNITS: TRANE (ONLY)
 FANS: CAPTIVE-AIRE, COOK, GREENHECK, PENN
 AIR DISTRIBUTION: CARNES, HART & COOLEY, METAL-AIRE, NAILOR, PRICE
 KITCHEN HOODS: CAPTIVE-AIRE (PROVIDED BY COOKOUT)

NOTE:
 ALL COST ASSOCIATED WITH SUBSTITUTED EQUIPMENT TO COMPLY WITH BASIS OF DESIGN, INCLUDING PROVIDING MAINTENANCE ACCESS, CLEARANCE, PIPING, SHEET METAL, ELECTRICAL, REPLACEMENT OF OTHER SYSTEM COMPONENTS, BUILDING ALTERATIONS, ETC., SHALL BE INCLUDED IN THE ORIGINAL BASE BID. NO ADDITIONAL COST ASSOCIATED WITH SUBSTITUTED EQUIPMENT WILL BE APPROVED DURING CONSTRUCTION AND ALL COST WILL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.

MECHANICAL GENERAL NOTES (CONT.)

- NATURAL GAS PIPING AND FITTINGS ABOVE GRADE: SCHEDULE 40 BLACK STEEL PIPING, TYPE S, SEAMLESS, GRADE B (ASTM A 53) AND 150 PSI MALLEABLE BLACK IRON FITTINGS, GRADE 32510, (ASTM B 16.3) OR FORGED STEEL WELDING TYPE FITTINGS (ASTM A234). PROVIDE THREADED JOINTS FOR PIPE 2" AND SMALLER. PROVIDE WELDED JOINTS (ASME B31.9) FOR PIPE 2 1/2" AND LARGER.
- PROVIDE A.G.A. CERTIFIED SHUT-OFF VALVES MINIMUM, 125 PSI RATED, NON-LUBRICATED PLUG TYPE WITH BRONZE BODY AND BRONZE PLUG, STRAINERS AND REGULATORS (AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER) FOR ALL EQUIPMENT CONNECTED TO THE NATURAL GAS SYSTEM.
- PAINT ALL GAS PIPING WITH 2 COATS OF YELLOW ENAMEL PAINT APPLIED WITH A BRUSH (2 MIL THICKNESS MINIMUM). PROVIDE PRE-PRINTED LABELS WITH BLACK LETTERING INDICATING THE GAS PRESSURE AND THE WORD "GAS" ON THE PIPE AT 5'-0" CENTERS FOR ALL GAS PIPING.
- PROVIDE NON-CONDUCTING DIELECTRIC UNIONS WHENEVER CONNECTING DISSIMILAR METALS.
- EQUIPMENT OPERATED DURING CONSTRUCTION SHALL USE FILTERED MEDIA TO PREVENT CONSTRUCTION DEBRIS FROM ENTERING COILS, DUCTWORK SYSTEMS, AIR TERMINALS ETC. AT COMPLETION OF CONSTRUCTION, MECHANICAL CONTRACTOR SHALL CLEAN ALL SYSTEMS WITH ALL CONTROL DEVICES WIDE OPEN AND REMOVE ANY REMAINING DEBRIS PRIOR TO TEST AND BALANCING. MECHANICAL CONTRACTOR SHALL REPLACE ALL FILTRATION WITH NEW FILTERS AT COMPLETION OF CONSTRUCTION. ANY DUCTWORK, AIR TERMINALS, AND/OR OTHER EQUIPMENT UPSTREAM OF FILTRATION SHALL BE CLEANED THOROUGHLY OF CONSTRUCTION DEBRIS BEFORE HANDING OVER TO OWNER.
- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING RESTRAINTS TO RESIST THE EARTHQUAKE EFFECTS ON THE MECHANICAL SYSTEMS. THE REQUIREMENTS FOR THOSE RESTRAINTS ARE FOUND IN THE LOCAL BUILDING CODE AND ASCE 7. THE ANCHORAGE OF THE MECHANICAL SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING CODE AND ASCE 7.

MECHANICAL GENERAL NOTES

- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATION OF DOORS, WINDOWS, CEILING DIFFUSERS, ETC.
- ALL COST ASSOCIATED WITH SUBSTITUTED EQUIPMENT TO COMPLY WITH BASIS OF DESIGN, INCLUDING PROVIDING MAINTENANCE ACCESS, CLEARANCE, PIPING, SHEET METAL, ELECTRICAL, REPLACEMENT OF OTHER SYSTEM COMPONENTS, BUILDING ALTERATIONS, ETC., SHALL BE INCLUDED IN THE ORIGINAL BASE BID. NO ADDITIONAL COST ASSOCIATED WITH SUBSTITUTED EQUIPMENT WILL BE APPROVED DURING CONSTRUCTION AND ALL COST WILL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. THIS INCLUDES ANY MODIFICATIONS TO ANY ASSOCIATED MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS REQUIRED BY THIS SPECIFIC MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- ALL DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTED IN ACCORDANCE WITH THE LATEST SMACNA STANDARDS. ALL CONCEALED SUPPLY, RETURN AND MAKE-UP AIR DUCTWORK SHALL BE WRAPPED WITH 2" THICK DUCT WRAP WITH VAPOR BARRIER. FILTRATION (INCLUDING INSULATION) SHALL HAVE A MINIMUM INSTALLED R-VALUE OF 3.0. DUCT DIMENSIONS ON PLANS ARE FREE AREA SIZE. ALL EXPOSED SPIRAL DUCTWORK SHALL BE A DOUBLE WALL, WRAP SPIROSAFE 4000-SEALING DUCT SYSTEM (OR APPROVED EQUAL).
- ALL DUCTWORK SHALL BE SEALED TO THE REQUIREMENTS OF THE NORTH CAROLINA MECHANICAL CODE (NCMC) SEAL LOW PRESSURE SUPPLY, RETURN, AND EXHAUST DUCTWORK TO POSITIVE OR NEGATIVE 2" PRESSURE CLASS, SMACNA SEAL CLASS 1A, SMACNA LEAKAGE CLASS 12.
- ALL PIPING, DUCTS, UNITS, ETC. EXTENDING THROUGH WALLS AND ROOF SHALL BE FLASHED AND COUNTERFLASHED IN A WATERPROOF MANNER.
- ALL PIPING AND DUCTWORK LOCATIONS SHALL BE COORDINATED WITH THE MECHANICAL CONTRACTOR UNDER OTHER DIVISIONS OF THE SPECIFICATIONS, TO AVOID INTERFERENCE.
- PROVIDE MANUAL VOLUME DAMPERS AT ALL POINTS ON SUPPLY, RETURN, AND GENERAL EXHAUST SYSTEMS WHERE BRANCHES EXTEND FROM LARGER DUCTS.
- THE MECHANICAL CONTRACTOR SHALL BALANCE ALL MECHANICAL SYSTEMS TO THE PERFORMANCE SPECIFICATIONS INDICATED ON PLANS AND PROVIDE THE ENGINEER WITH THREE COPIES OF A COMPLETE TEST AND BALANCE REPORT. THE REPORT IS TO BE ISSUED A MINIMUM OF TWO WEEKS PRIOR TO PROJECT COMPLETION. THE TEST AND BALANCE REPORT WILL BE SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER. AS ADDITIONAL TESTING, ADJUSTING AND BALANCING REQUIRED (AT ENGINEER'S REQUEST) AFTER REVIEW OF THE INITIAL REPORT SHALL BE PROVIDED AT NO ADDITIONAL COST. TEST AND BALANCE REPORT TO BE COMPLETED BY AN INDEPENDENT, CERTIFIED TEST AND BALANCE CONTRACTOR.
- UPON PROJECT COMPLETION, THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER INSTALLATION INFORMATION INCLUDING RECORD SUBMITTALS (WITH ANY SUBMITTAL REVIEW COMMENTS ADDRESSED) AND O&M MANUALS FOR EACH PIECE OF EQUIPMENT INCLUDING ALL SELECTED OPTIONS, THE NAME AND ADDRESS OF AT LEAST ONE SERVICE AGENCY, FULL CONTROL SYSTEM O&M AND CALIBRATION INFORMATION INCLUDING WIRING DIAGRAMS, SCHEMATICS, FULL SEQUENCE OF OPERATION, AND PROGRAMMED SETPOINTS.
- PROVIDE A ONE YEAR WARRANTY FOR ALL WORK PERFORMED BEGINNING ON THE DAY THE SYSTEM IS COMPLETELY OPERATIONAL AND ACCEPTABLE BY THE OWNER.
- PROVIDE MANUFACTURER'S RECOMMENDED CLEARANCES AROUND ALL EQUIPMENT FOR MAINTENANCE AND FILTER REMOVAL.
- CONDENSATE DRAIN PIPING SHALL BE SCHEDULE 40 PVC PIPE AND FITTINGS. DRAINS FROM ROOFTOP UNITS SHALL BE TRAPPED. MINIMUM DRAIN SIZE SHALL BE 3/4". TERMINATE ROOFTOP UNIT DRAINS ON A CONCRETE SPLASHBLOCK. REFER TO DETAIL #9 ON DRAWING M3-1 FOR ADDITIONAL INFORMATION.
- ALL REFRIGERANT PIPE SHALL BE NITROGENIZED ACR COPPER TUBE. SIZE, INSULATE, AND INSTALL REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS. REFRIGERANT PIPING INSULATION EXPOSED OUTDOORS SHALL BE COVERED WITH AN OUTER ALUMINUM JACKET.
- ANY DEVICE REQUIRING A THERMOSTAT FOR CONTROL SHALL BE FURNISHED WITH A THERMOSTAT WHETHER INDICATED ON THE DRAWINGS OR NOT.
- INSTALL THE TOP OF ALL THERMOSTATS, SENSORS, AND SWITCHES AT 4'-0" (MAXIMUM) ABOVE FINISH FLOOR. COORDINATE EXACT THERMOSTAT LOCATION WITH OWNER PRIOR TO INSTALLATION.
- MECHANICAL CONTRACTOR SHALL VERIFY LOCATION OF ALL ROOF PENETRATIONS WITH ARCHITECT & OWNER PRIOR TO INSTALLATION.
- MECHANICAL CONTRACTOR SHALL LOCATE EXHAUST FANS, OUTLETS, AND GAS FLUES A MINIMUM OF 10'-0" FROM ANY OUTSIDE AIR INTAKE.
- KITCHEN HOOD EXHAUST DUCT SHALL BE 16 GAUGE CARBON STEEL. ALL JOINTS AND SEAMS SHALL BE CONSTRUCTED WITH A CONTINUOUS LIQUID-TIGHT EXTERNAL WELD. ALL DUCTWORK SHALL SLOPE A MINIMUM OF 1/4" INCH PER FOOT TOWARD HOOD. PROVIDE CLEANOUTS AT EVERY CHANGE OF DIRECTION IN THE EXHAUST DUCT AND AT 20'-0" (MINIMUM) INTERVALS. THE MECHANICAL CONTRACTOR SHALL PERFORM A LIGHT TEST FOR ALL JOINTS AND SEAMS IN THE PRESENCE OF THE LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO CONCEALING KITCHEN HOOD EXHAUST DUCTWORK. KITCHEN GREASE EXHAUST DUCTS SHALL BE WRAPPED WITH THERMAL INSULATION BLANKET AS MANUFACTURED BY FIREMASTER (OR EQUAL). INSULATION SHALL BE INSTALLED PER NFPA-98 AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS TO OBTAIN REQUIRED RATED ASSEMBLY TO MATCH RATING OF ADJACENT STRUCTURES AND PENETRATIONS. ASSEMBLY SHALL BE U.L. APPROVED AND LISTED SPECIFICALLY FOR KITCHEN HOOD EXHAUST DUCT APPLICATIONS AND MEET ASTM E 2336. KITCHEN HOOD EXHAUST DUCT PENETRATIONS SHALL BE PROTECTED WITH A THROUGH-PENETRATION FIRESTOP SYSTEM CLASSIFIED IN ACCORDANCE WITH ASTM E 814 AND HAVING AN "I" AND "II" RATING EQUAL TO THE FIRE-RESISTANCE RATING OF THE ASSEMBLY BEING PENETRATED. EXPOSED DUCTWRAP SYSTEMS SHALL BE PROTECTED WHERE SUBJECT TO PHYSICAL DAMAGE.
- MINIMUM GAS PIPING SIZE SHALL BE 3/4".
- GAS PIPING AND FITTINGS SHALL BE BLACK STEEL, SCHEDULE 40, IN ACCORDANCE WITH ASTM SPECIFICATION A 106, WITH 150 PSI BLACK MALLEABLE IRON FITTINGS IN ACCORDANCE WITH ASTM SPECIFICATION A 47, GRADE 32510, AND ASA SPECIFICATION B16.3, 125 LB.
- GAS PIPING SHALL BE INSTALLED TO THE REQUIREMENTS OF THE STATE BUILDING CODE AND NFPA STANDARD NO. 54. ALL PIPING TO BE SUPPORTED BY CLEVIS HANGERS WITH GALVANIZED ROD A MAXIMUM OF 8' ON CENTER. PIPING SHALL BE SUPPORTED BY ROD HANGERS IN THE PIPE RUN 12" OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE PER THE STATE BUILDING CODE AND ASCE 7.
- GAS PIPING SHALL BE TESTED IN ACCORDANCE WITH THE PROCEDURES DESCRIBED IN NFPA NO 54. ANY OTHER TEST AS REQUIRED BY THE LOCAL GAS INSPECTION DEPARTMENT OR GAS COMPANY SHALL ALSO BE PERFORMED.

Order Plans

COOK OUT
2546 Chimney Rock Road
Hendersonville, NC

MECHANICAL LEGEND, NOTES & VENTILATION CALCS

Date: 08-04-17
 Drawn By: SJR
 Check By: MEH
 Job No.: 17-0081-000
 Sheet: M1-1

1 OF 8
OPTIMA #: 17-0274