

			<div>HOOD INSTALLATION:</div> <div>1. INSTALLATION OF VENTILATION SYSTEM WILL BE BY CONTRACTOR. EXHAUST COLLARS WILL BE PROVIDED BY CONTRACTOR. HOODS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA AND ALL OTHER APPLICABLE LOCAL, STATE AND NATIONAL CODES. SPECIAL ATTENTION MUST BE GIVEN TO CODES REGARDING CLEARANCE TO SURROUNDING COMBUSTIBLE AND LIMITED COMBUSTIBLE (NFPA96) CONSTRUCTION (WALLS, CEILINGS, ETC.).</div> <div>2. CONTRACTOR IS RESPONSIBLE FOR DRILLING RETAINING BOLT HOLES INTO WALL MOUNTING FLANGES AT TOP AND BOTTOM OF HOOD AND PROVIDING THE HARDWARE.</div> <div>3. CEILING ENCLOSURE FURNISHED BY HOOD MANUFACTURER WILL BE ATTACHED IN THE FIELD BY CONTRACTOR.</div> <div>4. DUCTWORK BETWEEN HOOD AND ROOF TOP CURB TRANSITION WILL BE PROVIDED BY CONTRACTOR.</div> <div>AIR FLOW REQUIREMENTS</div> <div>1. CAPTIVE AIRE IS NOT LIABLE FOR IMPROPER FUNCTION OF THE SYSTEM CAUSED BY CHANGES IN THE SYSTEM STATIC PRESSURE OR OVER ALL AIR FLOW VOLUME FROM THE ORIGINAL SPECIFIED DESIGN POINTS. EXHAUST DUCT AIR FLOW VELOCITY MUST BE BETWEEN 1500 AND 2200 FPM WITH WELDED DUCT.</div> <div>2. EXHAUST AIR FLOW MUST BE BALANCED WITH OTHER EXHAUST & MAKE-UP AIR SYSTEMS AND THE STORE HVAC SYSTEMS UPON INSTALLATION. TEST & BALANCE IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR. FAN OPERATING SPEED, BELTS AND PULLEYS SHOULD BE RECHECKED AFTER 60 DAYS TO ENSURE PROPER PERFORMANCE. STATIC PRESSURE VALUES ARE GIVEN FOR THE HOOD ONLY AND DO NOT INCLUDE DUCTWORK AND ROOFTOP FANS.</div> <div>3. AIR FLOWS ARE NOTED IN MECHANICAL SCHEDULE.</div> <div>4. CAPTIVE AIRE RESERVES THE RIGHT TO CHANGE SPECIFICATIONS TO MEET CODE OR JOB REQUIREMENTS.</div> <div>CONSTRUCTION</div> <div>1. HOOD SHALL BE FABRICATED IN ACCORDANCE WITH NFPA BULLETIN #96 AND SHALL BEAR THE NSF SEAL OF APPROVAL. HOODS SHALL BE LISTED UNDER UL 710 EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT UL FILE # MH18450.</div> <div>FIRE EXTINGUISHING SYSTEM</div> <div>1. FIRE EXTINGUISHING SYSTEM PIPING SUPPLIED AND INSTALLED IN ACCORDANCE WITH NFPA 96 BY FIRE SUPPRESSION INSTALLER.</div> <div>2. CAUTION: FIRE EXTINGUISHING SYSTEM INSTALLED ON SITE MUST BE DONE IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS TO INSURE THAT PIPE DOES NOT INTERFERE WITH HOOD PERFORMANCE. IMPROPER INSTALLATION MAY VOID UL LISTING.</div> <div>WIRING NOTES.</div> <div>1. FAN CONTROLS (E.G. ON/OFF SWITCH), THERMAL OVERLOAD PROTECTION AND WIRING FOR FAN TO BE FURNISHED BY OTHERS.</div> <div>2. ANSUL, FAN AND FRYER INTERLOCK SHALL BE WIRED BY OTHERS ACCORDING TO SCHEMATIC FURNISHED WITH BY HOOD MANUFACTURER.</div> <div>GENERAL INSTALLATION GUIDELINES:</div> <div>1. MEASURE AND MARK THE DESIRED HEIGHT AND CENTERLINE OF THE HOOD ON THE WALL. (REFER TO THE ARCHITECT'S PLAN FOR THE DIMENSION) THE HEIGHT OF THE PLATE SHELF ABOVE THE FIXED FLOOR IS A CRITICAL DIMENSION.</div> <div>2. SECURE THE WALL MOUNTING FLANGES AT TOP AND BOTTOM OF HOOD TO A MINIMUM OF TWO (2) OR MORE WALL STUDS.</div> <div>3. ALL MOUNTING AND/OR BRACING SHALL COMPLY WITH SEISMIC ZONE 3 REQUIREMENTS.</div> <div>FACTORY SUPPLIED SHROUD SHIPPED LOOSE; ATTACHED BY CONTRACTOR</div> <div>FIELD DRILL FOR MOUNTING TO STRUCTURE</div> <div>(2) UL LISTED GLOBE LIGHTS</div> <div>PAN RACK RETENTION CLIP</div> <div>SKINNED ENDS WITH FINISH ON BOTH OUTER AND INNER</div> <div>REMOVABLE BOTTOM SIDE SKIRTS</div> <div>FIELD DRILL FOR MOUNTING TO STRUCTURE</div> <div>GENERAL INSTALLATION GUIDELINES- CONTINUED</div> <div>3. FIELD MEASURE AND LAYOUT DUCTWORK AS CLOSE AS POSSIBLE TO THE ARCHITECTURAL DRAWING. DUCTWORK SHOULD NOT EXCEED TWO (2) RADIUS-90 DEGREE TURNS AND TEN (10) FEET IN LENGTH. CONSULT FACTORY (214)621-4129 FOR DUCTWORK THAT EXCEEDS DESIGN LIMITS- FAN PACKAGE MUST BE MODIFIED FOR SITE ADAPTATION.</div> <div>4. POSITION THE FABRICATED DUCTWORK TO MATCH THE OULET LOCATION ABOVE THE HOOD. THE DUCT MUST BE SIZED AS INDICATED ON PLAN.</div> <div>5. A CONTINUOUS LIQUID TIGHT WELD TO THE COLLAR TRANSITION AND DUCTWORK WILL MEET ANY AND ALL CODE REQUIREMENTS.</div> <div>6. CONNECT THE DUCTWORK TO THE CURB TRANSITION TERMINATING AT THE TOP OF THE VENTED CURB EXTENSION BELOW THE FAN BASE. DO NOT TERMINATE THE DUCTWORK AT THE ROOF-LINE. DUCTWORK MUST BE WELDED WITH A CONTINUOUS LIQUID TIGHT WELD AT EXHAUST FAN CURB TRANSITION.</div> <div>7. ATTACH FACTORY SUPPLIED HINGE KIT AND GREASE TROUGH TO FAN CURB PER NFPA96-2004.</div> <div>8. ENCLOSE DUCT AS REQUIRED BY LOCAL, STATE AND NATIONAL FIRE PROTECTION AND MECHANICAL CODES OBSERVING IN PARTICULAR THE CLEARANCE TO COMBUSTIBLE PROVISIONS.</div> <div>9. PROVIDE, CONNECT, AND TEST THE HOODS FIRE SUPPRESSION SYSTEM. ONLY PROFESSIONALLY QUALIFIED PERSONS SHOULD PERFORM THESE FUNCTIONS.</div> <div>10. CHECK TO ENSURE PROPER PLACEMENT OF THE GREASE FILTERS AND GREASE CUP.</div> <div>11. REMOVE THE PROTECTIVE PVC COATING FROM ALL OF THE METAL SURFACES PRIOR TO USE OF THE APPLIANCES.</div> <div>12. RUN CHECK THE EXHAUST FAN AND FRYER INTERLOCK.</div> <div>13. CERTIFIED TEST & BALANCE CONTRACTOR MUST TAKE FPM READINGS ACROSS THE FILTER BANK AND CONFIRM THAT EXHAUST FAN IS OPERATING AT OR ABOVE THE EXHAUST CFM DESIGN POINT. ANY AIR FLOW LEVEL BELOW DESIGN POINT IS NOT ACCEPTABLE. DO NOT ACCEPT MOTOR RPM READINGS AS A SUBSTITUTE FOR FILTER AIRFLOW LEVELS.</div> <div>14. CALL FOR FUNCTIONAL INSPECTIONS AS REQUIRED.</div> <div>15. APPLY FABRICATED TRIM (CONTRACTOR SUPPLIED) TO THE CEILING AND WALL AS REQUIRED. FACTORY SUPPLIED SHROUD (ENCLOSURE PANELS) FROM TOP OF HOOD TO CEILING SHOULD BE SCREWED TO ANGLE AT TOP EDGE OF HOOD WITH SELF-TAPPING SS SCREWS.</div> <div>16. CLEAN THE SURFACES OF THE HOOD WITH A MILD DETERGENT USING CARE NOT TO SCRATCH OR DENT THE SURFACE.</div> <div>17. CONTRACTOR RESPONSIBLE FOR REDIRECTING AIRFLOW FROM HVAC DIFFUSERS WITHIN 6- FEET OF FRYER HOOD AWAY FROM HOOD AND COVER DISCHARGE WITH PERFORATED PANEL.</div> <div>18. CONTRACTOR RESPONSIBLE FOR REDIRECTING HVAC RETURNS WITHIN 10- FEET OF FRYER HOOD AWAY FROM HOOD.</div> <div>19. CONTRACTOR RESPONSIBLE FOR STORE TEST & BALANCE OF HVAC AND ALL KITCHEN EXHAUST AND SUPPLY FANS ACCORDING TO THE MECHANICAL AIR FLOW BALANCE SCHEDULE.</div> <div>HOOD EXHAUST DUCT SYSTEM DETAIL</div> <div>N.T.S.</div> <div>13</div> <div>HOOD NOTES</div> <div>N.T.S.</div> <div>10</div> <div>EXHAUST FAN</div> <div>N.T.S.</div> <div>9</div> <div>IMPORTANT NOTE:</div> <div>ALL SUPPORTS &/OR BRACING OF EQUIPMENT, CEILING GRID, LIGHT FIXTURES, & ANY OTHER INSTALLED DEVICES SHALL BE COMPLIANT WITH LOCAL SEISMIC ZONE REQUIREMENTS.</div> <div>NO EXCEPTIONS!</div> <div>FLUE HOOD</div> <div>ROOF TOP UNIT</div> <div>OUTSIDE AIR INTAKE HOOD</div> <div>CONDENSATE DRAIN</div> <div>MANUFACTURERS ROOF CURB</div> <div>FLASHING & COUNTER FLASHING ALL AROUND</div> <div>EXISTING ROOF</div> <div>SMOKE DETECTOR IN R/A AND S/A DUCTS</div> <div>RETURN AIR DUCT</div> <div>SUPPLY AIR DUCT (REFER TO FLOOR PLAN FOR EXACT SIZE)</div> <div>ROOFTOP UNIT</div> <div>N.T.S.</div> <div>5</div> <div>NOTES</div> <div>N.T.S.</div> <div>1</div>
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H.V.A.C. DETAILS



FRANCHISEE

HUT CENTRAL VIRGINIA, LLC

6200 OAK TREE BLVD

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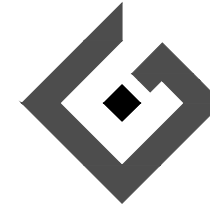
INDEPENDENCE, OH 44131

PIZZA HUT #4521

1344 SOUTH MAIN STREET

SUITE 3

BLACKSBURG, VIRGINIA 24060



ACERTUS
CONSULTING GROUP, LLC

17880 COLLEGE BLVD, STE 475

OVERLAND PARK, KS 66210

P 913.322.5150


www.AcertusGroup.com

Proj# 232.0320

COMMONWEALTH OF VIRGINIA

RANDALL A. NELSON

No. 43229



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SHEET NUMBER

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REVISIONS: