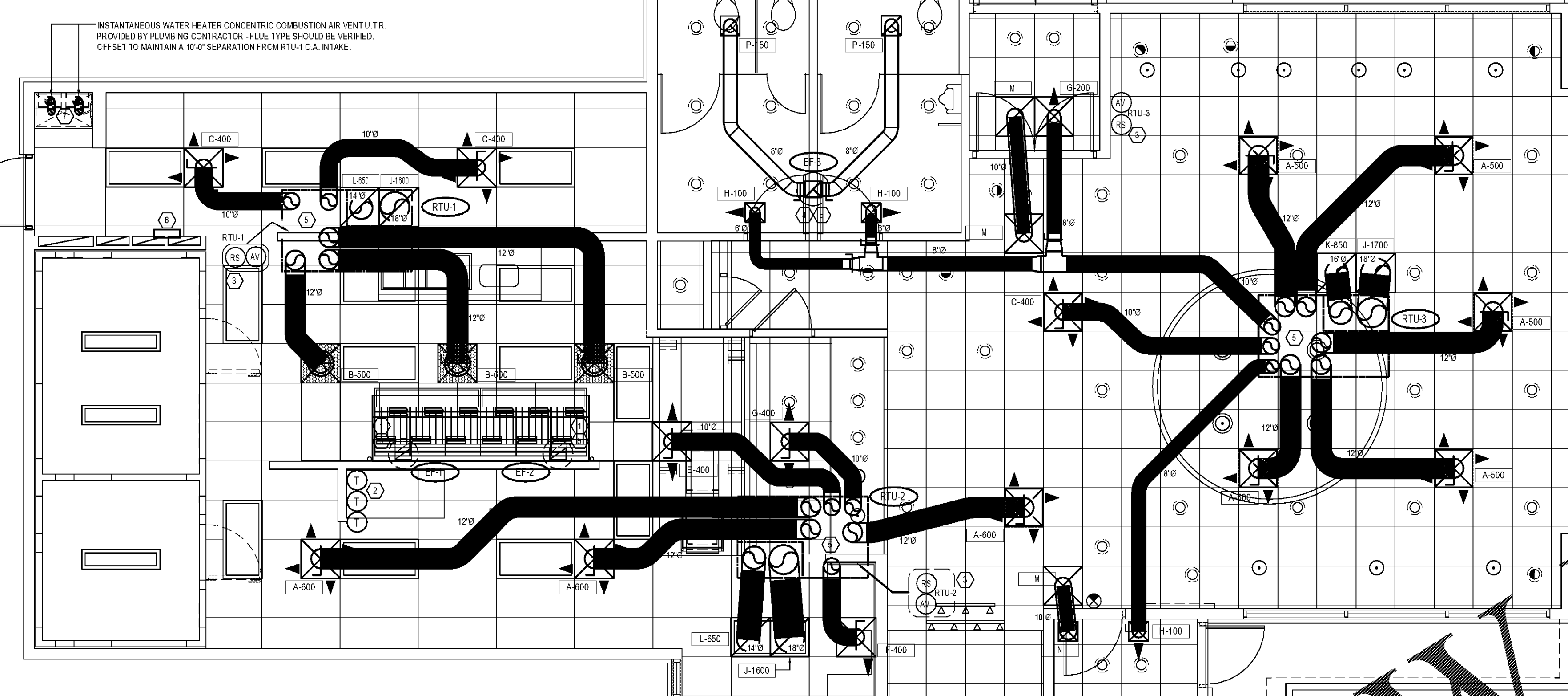

FLOOR PLAN - H AC

SCALE 1 4" 1 - 0" WHEN PLOTTED 3 " 24"

KEYED NOTES

1. 18 GAUGE STEEL GREASE EXHAUST DUCT CONTINUOUSLY WELDED LIQUID TIGHT WITH CLEAN OUTS AND ACCESS PANELS INSTALLED AT ANY REQUIRED FIELD OFFSETS. SLOPE DUCT TOWARDS HOOD IF ANY HORIZONTAL OFFSETS ARE REQUIRED. COMPLY STRICTLY TO NFPA 96 AND LOCAL CODES. COORDINATE DUCT CONNECTION SIZE, TRANSITION, AND LOCATION WITH HOOD MANUFACTURER. REFER TO DETAILS ON SHEET M-3. VERIFY LOCATIONS OF HOOD AND EXHAUST FAN ON SITE WITH MOST RECENT KITCHEN EQUIPMENT PLANS.
2. PROGRAMMABLE THERMOSTAT WITH LOCKING COVER. MOUNT T-STATS 42" A.F.F. IN MANAGERS OFFICE ABOVE DESK AND BELOW CABINET. SEAL WALL OPENINGS WITH CAULK.
3. REMOTE SENSOR 66" A.F.F. ON WALL NEAR LOCATION INDICATED THIS SHEET & AUDIO-VISUAL ANNUNCIATOR TIED INTO SMOKE DETECTOR. COORDINATE LOCATION ON SITE WITH G.C. AVOID SOURCES OF HEAT ON SENSOR WHEN LOCATING SENSOR. E.C. SHALL PROVIDE THE RECESSED SINGLE GANG BOXES AS REQ. FOR COMPONENTS.
4. 10X10 DROP WITH END CAP FROM EXHAUST FAN (EF-3) ON ROOF.
5. SHIM CURBS ON ROOF IN ORDER TO MAKE TOP OF CURBS LEVEL. SEE DETAIL ON SHEET M-2.
6. OCCUPIED/UNOCCUPIED PANEL FOR NIGHT SET-BACK LOCATED NEAR SWITCH GEAR. COORDINATE LOCATION ON SITE WITH GENERAL CONTRACTOR AND WALL-MOUNTED EQUIPMENT.

PLENUMIZED CURB INSTALLATION NOTES

1. CAREFULLY LOCATE AND MARK ROOF CURB LOCATIONS SO THAT DUCT WORK CAN BE INSTALLED IN THE APPROXIMATE LOCATIONS AS SHOWN BY THE FLOOR PLAN. PAY ATTENTION TO THE LOCATION OF THE ROOF STRUCTURE IN ORDER TO ACCOMMODATE THE DUCT DROPS.

2. MARK THE EXACT LOCATION OF EACH ROOF CURB. LAY OUT ALL EQUIPMENT LOCATIONS IN ORDER TO MAINTAIN PROPER CLEARANCES FROM EXHAUST FANS AND VENTS AS WELL AS PROVIDING FOR PROPER SERVICE CLEARANCES.

3. GENERAL CONTRACTOR SHALL CUT ROOF DECKING MATERIAL TAKING CARE TO AVOID CUTTING ANY STRUCTURAL COMPONENTS. GENERAL CONTRACTOR SHALL ALSO INSTALL ANY NECESSARY FRAMING OR BLOCKING AT OPENINGS.

4. WITH ROOF CURB UPSIDE DOWN (SOLID METAL BOTTOM UP), MEASURE AND MARK THE LOCATION OF ANY JOISTS OR OTHER FRAMING MEMBERS THAT MUST BE AVOIDED. MEASURE AND MARK THE LOCATION OF ALL THE DUCT TAPS.

5. CUT ALL DUCT TAPS INTO THE BOTTOM PANEL OF THE ROOF CURB. BE CAREFUL NOT TO DAMAGE THE ROOFING SURFACE WHILE MAKING THESE CUTS.

6. INSTALL DUCT TAP FITTINGS AND MANUAL DAMPERS INTO THE OPENINGS PREVIOUSLY CUT. SEAL ALL CONNECTIONS ON BOTH THE BOTTOM AND THE TOP SIDES OF THE TAPS.

7. WITH CURB RIGHT SIDE UP, LEVEL CURB BETWEEN BOTTOM OF CURB AND DECK, INSTALL IN ROOF OPENING. SECURE CURB TO ROOF FRAMING AS REQUIRED.

8. GENERAL CONTRACTOR OR ROOFING CONTRACTOR SHALL FLASH AND ROOF IN THE CURB AS DETAILED ON THE DRAWINGS.

9. DUCT RUNS SHALL BE INSTALLED FROM THE TAPS TO THE DIFFUSER LOCATIONS AS SHOWN ON THE PLANS.

10. WRAP RIGID DUCT WORK AND DUCT TAPS WITH SPECIFIED DUCT INSULATION. SEAL AND TAPE INSULATION AROUND EACH DUCT TAP AND TO THE BOTTOM OF THE CURB.

AIR BALANCE SCHEDULE

TAG	SUPPLY AIR	OUTSIDE AIR	RETURN AIR	EXHAUST AIR	BLDG. PRESSURE	% OUTSIDE AIR
RTU-1	3000 CFM	750 CFM	2250 CFM	---	+ 750 CFM	25
RTU-2	3000 CFM	750 CFM	2250 CFM	---	+ 750 CFM	25
RTU-3	3400 CFM	850 CFM	2550 CFM	---	+ 850 CFM	[illegible]
EF-1	---	---	---	935 CFM	- 935 CFM	---
EF-2	---	---	---	935 CFM	- 935 CFM	---
EF-3	---	---	---	300 CFM	- 300 CFM	---
TOTAL	10400 CFM	2350 CFM	7900 CFM	[illegible] CFM	+ 180 CFM	25

FAN SCHEDULE

UNIT NUMBER	EF-1, EF-2	EF-3
AREA SERVED	GREASE HOOD	RESTROOM
MANUFACTURER	CAPTIVEAIRE	CAPTIVEAIRE
MODEL NUMBER	DU85H	DR10HFA
CFM	935	300
STATIC PRESSURE, "WG	1.25	0.38
FAN H.P.	.75	0.08
DRIVE	BELT	DIRECT
RPM	1276	1395
ELECTRICAL SERVICE	115/1/60	115/1/60
NCA CURB SIZE (LXWXH)	23x23x32	17.5X17.5X14
ACCESSORIES	B,D,E,F,I,J,K,L,N	A,B,C,D,H

NOTES/ACCESSORIES

A. ALUMINIZED BIRDSCREEN
B. SAFETY DISCONNECT SWITCH
C. GRAVITY BACKDRAFT DAMPER
D. AMCA SEAL & U.L. CERTIFIED
E. UPBLAST DISCHARGE
F. CURB WITH FAN DISCHARGE 40" ABOVE ROOF
H. PREFABRICATED ROOF CURB
I. INTERLOCK WITH ANSUL SYSTEM PER NFPA96 REQUIREMENTS
J. REFER TO KITCHEN BALANCE SCHEDULE
K. ENSURE EXHAUST DISCHARGES >10' FROM AIR INTAKES
L. COORDINATE WITH MANUFACTURER FOR FINAL SELECTION
M. ENSURE AIR INTAKE IS >10' FROM EXHAUST DISCHARGES
N. U.L. LISTED PREFAB EXTENDED HINGED BASE TO ATTACH FAN

DIFFUSER SCHEDULE

SYM.	SIZE	TYPE	DUCT SIZE	MODEL#	FINISH	BOOT SIZE	OPENING SIZE	QTY.
A	24X24	SUPPLY 4 WAY	12"Ø	AMD	WHITE	12"Ø	T-BAR	8
B*	24X24	SUPPLY PERFORATED	14"Ø	APDDR	WHITE	14"Ø	T-BAR	3
C	24X24	SUPPLY 4 WAY	10"Ø	AMD	WHITE	10"Ø	T-BAR	3
D	24X24	SUPPLY 3 WAY	10"Ø	AMD	WHITE	10"Ø	T-BAR	1
E	24X24	SUPPLY 2 WAY CORNER	10"Ø	AMD	WHITE	10"Ø	T-BAR	1
F	24X24	SUPPLY 2 WAY PARALLEL	10"Ø	AMD	WHITE	10"Ø	T-BAR	1
G	24X24	SUPPLY 1 WAY	8"Ø	AMD	WHITE	8"Ø	T-BAR	1
H**	12X12	SUPPLY 1 WAY	8"Ø, 6"Ø	630	WHITE	12X12	SIZE + 1/4"	1, 2
J	24X24	RETURN	18"Ø	630TB	WHITE	22X22	T-BAR	3
K	24X24	RETURN	16"Ø	630TB	WHITE	22X22	T-BAR	1
L	24X24	RETURN	14"Ø	630TB	WHITE	22X22	T-BAR	2
M	24X24	TRANSFER	10"Ø	630TB	WHITE	22X22	T-BAR	2
N	12X12	TRANSFER	10"Ø	630	WHITE	12X12	SIZE + 1/4"	2
P	12X12	EXHAUST	8"Ø	630	WHITE	12X12	SIZE + 1/4"	2

NOTE: ALL DIFFUSERS SHALL BE 100% ALUMINUM CONSTRUCTION
PROVIDE RADIAL DAMPERS AT ALL DIFFUSER CONNECTIONS AS SHOWN OR AT BRANCH TEE'S AS SHOWN.

* PROVIDE A 12" RND TO 14" RND. INCREASER FOR CONNECTION TO PERFORATED DIFFUSER.

ROOFTOP UNIT SCHEDULE (RTU)

TAG	RTU-1 & 2	RTU-3
MANUFACTURER	CARRIER	CARRIER
MODEL	48TCEA08 (7.5 TON)	48TCEA09 (8.5 TON)
LOCATION	ROOF, 78" X 50"	ROOF, 78" X 50"
TYPE OF HEAT	NATURAL GAS	NATURAL GAS
TOTAL COOLING CAPACITY, MBTU/HOUR	95.2	103.6
SENSIBLE COOLING CAPACITY, MBTU/HOUR	71.0	78.5
ENTERING AIR CONDITIONS, DB°F/WB°F	80/67	80/67
AMBIENT AIR TEMPERATURE, °F	95	95
SUPPLY AIR, CFM	3000	3400
OUTSIDE AIR, CFM	SEE SCHEDULE	SEE SCHEDULE
EXTERNAL STATIC PRESSURE, "WG	0.75	0.75
B.H.P.	2.9	2.4
E.E.R.	11.2	11.2
GAS HEAT INPUT, MBTU/HOUR	120/180	120/180
GAS HEAT OUTPUT, MBTU/HOUR	98/148	98/148
UNIT WEIGHT/CURB, LBS.	1000	1100
ELECTRICAL REQUIREMENT, V/PHASE/HZ	208-230/3/60	208-230/3/60
MINIMUM CIRCUIT AMPERAGE	41.8	45.1
MAXIMUM OVER CURRENT PROTECTION	60	60

ACCESSORIES:(TYPICAL OF ALL UNITS)
1. 100% ECONOMIZERS WITH BAROMETRIC RELIEF DAMPER
2. 4 YEAR EXTENDED WARRANTY ON COMPRESSORS
3. NCA PLENUMIZED CURB. REFER TO NCA HVAC EQUIPMENT PACKAGE NOTE, THIS SHEET
4. SMOKE DETECTOR. SEE HVAC ROOF PLAN, SHEET M-2
5. PROGRAMMABLE THERMOSTAT WITH REMOTE SENSORS FOR EACH UNIT
6. PROVIDED MODEL #AG3180E MOISTURE SENSOR BY AQUA GUARD IN PRIMARY DRAIN PAN. FIELD INSTALL BY FACTORY INSTALLATION GUIDE.

NOTE: ENSURE THAT UNITS LINE UP ON ROOF STRUCTURAL MEMBERS. VERIFY CONFIGURATION ON SITE PRIOR TO SETTING EQUIPMENT.
IF ADJUSTMENT IS REQUIRED MAINTAIN 10' - 0" SEPARATION BETWEEN FRESH AIR INTAKES AND EXHAUST FANS.

HVAC EQUIPMENT PACKAGE

PLAN AND SPECIFICATIONS AS PER P.E. SEAL

POPEYES LOUISIANA KITCHEN HAS A NATIONAL ACCOUNT AGREEMENT WITH THE NCA GROUP. NCA SHALL VISIT THE SITE, AS AUTHORIZED, TO VERIFY THAT ALL MATERIALS, EQUIPMENT, AND INSTALLATION ARE PER THE PROFESSIONAL ENGINEER SEAL. PLANS ARE NCA DESIGN COPYRIGHT 2011.

FOR COMPLETE INFORMATION AND PRICING ON THE FOLLOWING PACKAGE OF EQUIPMENT AND ACCESSORIES CONTACT THE NCA GROUP MARKETING DEPARTMENT TOLL-FREE AT (877) 530-0078.

HEATING COOLING EQUIPMENT PACKAGE

INCLUDES ALL ROOFTOP AIR CONDITIONING EQUIPMENT WITH ALL ACCESSORIES AS SPECIFIED ON THESE PLANS.

RESTROOM FAN PACKAGE

INCLUDES THE RESTROOM FAN WITH ALL ACCESSORIES AS SPECIFIED ON THESE PLANS.

AIR DEVICE PACKAGE

INCLUDES ALL ALUMINUM GRILLES, REGISTERS AND DIFFUSERS PER PLANS. SQUARE TO ROUND TRANSITIONS PROVIDED WHERE REQUIRED.

CURB PACKAGE

INCLUDES ONE-PIECE, FULLY WELDED NCA PLENUMIZED ROOF CURBS FOR ALL ROOF MOUNTED HEATING/COOLING EQUIPMENT, AND RESTROOM FAN CURB.

CONTROLS PACKAGE

INCLUDES PRESET DIGITAL THERMOSTATS, THERMOSTAT WIRE, LOCKING COVERS, SMOKE DETECTORS AND AUDIBLE-VISUAL DEVICES; ALSO MANUAL ON-OFF PANEL AND MASTER CONTACTOR PANEL. SEE ELECT. SHEETS FOR PANEL DIAGRAM.

AIR BALANCE INSTRUCTIONS

INSTALLING CONTRACTOR IS RESPONSIBLE FOR HAVING A CERTIFIED, INDEPENDENT A.A.B.C. OR N.E.B.B. CERTIFIED TEST AND BALANCE COMPANY PERFORM A TEST AND BALANCE ON THE EXHAUST AND VENTILATION SYSTEM. TEST AND BALANCE COMPANY MUST BE INDEPENDENT AND NOT ON THE HVAC INSTALLERS STAFF. CONTRACTOR SHALL PROVIDE WRITTEN REPORT CERTIFYING SYSTEM BALANCE TO NCA CONSULTANTS, ARCHITECT, AND OWNER.

NOTE: "RE-ENGINEERING" DEVIATIONS FROM THE SHOWN DESIGN AND REQUIRED HVAC EQUIPMENT MUST BE APPROVED IN ADVANCE BY THE PROFESSIONAL ENGINEER & ARCHITECT OF RECORD. UNAUTHORIZED SUBSTITUTIONS OR ALTERATIONS WILL VOID THE SIGNATURE AND SEAL OF THE PROFESSIONAL ENGINEER & ARCHITECT OF RECORD AND LEAVE VIOLATORS RESPONSIBLE FOR RESUBMISSION OF SIGNED AND SEALED DRAWINGS.

DRAWING INFORMATION

DATE	DESCRIPTION	BY
11-01-17	FOR PERMITTING REVIEW	TJ

N • C • A
CONSULTANTS/GROUP
4585 140TH AVE. NORTH, SUITE #1009
CLEARWATER, FLORIDA
PHONE: (877) 530-0078
CALL NCA MARKETING FOR PRICING
NCA JOB# 17-1076

UPON COMMENCEMENT OF ROUGH-IN AS SCHEDULED BY NCA CONSULTANTS, THE AIR CONDITIONING CONTRACTOR IS TO REMAIN ON THE JOB SITE FULL TIME UNTIL THE ROUGH-IN IS 100% COMPLETE. THE GENERAL CONTRACTOR'S SITE SUPERINTENDENT WILL VERIFY.
UPON COMMENCEMENT OF TRIM-OUT AS SCHEDULED BY NCA CONSULTANTS, THE AIR CONDITIONING CONTRACTOR IS TO REMAIN ON THE JOB SITE FULL TIME UNTIL THE TRIM-OUT IS 100% COMPLETE. THE GENERAL CONTRACTOR'S SITE SUPERINTENDENT WILL VERIFY.

CONTRACTORS READ

HVAC CONTRACTOR

1. THE HVAC CONTRACTOR SHALL INSTALL THE TYPE 1 FRYER HOOD LEVEL & AT THE PROPER LOCATION, GREASE RISERS, ALL HVAC ROOF CURBS, RTU'S, ALL HVAC DUCTWORK, GRILLES, HVAC CONTROLS AS NOTED, INCLUDING SMOKE DETECTORS. REFER TO THE HOOD SHEETS FOR PROPER HOOD INFORMATION. THE HVAC CONTRACTOR SHALL INSTALL GREASE RATED EXHAUST DUCT FROM THE HOOD COLLAR TO THE BASE OF THE EXHAUST FANS ON THE ROOF PER NFPA96 AND LOCAL CODES. FLARE GREASE EXHAUST RISER AT THE TOP TO THE OPENING OF THE VENTURI OF FAN.
THE HVAC CONTRACTOR SHALL VERIFY LOCATIONS FOR EF-1, EF-2 AND THE HOODS ON SITE WITH DIRECT COORDINATION WITH THE G.C. THE G.C. SHALL SIGN OFF ON THE LOCATION OF FRYER HOOD SO THAT RISERS CAN BE FIT PROPERLY.
TRUSS ENG. GROUP ALLOW SPACING FOR GREASE RISER TO PASS THRU CENTER OF TRUSS BAY AT 2 LOCATIONS.
G.C. SHALL COORDINATE STRUCTRUAL FRAMING TO ACCOMODATE PLUM RISERS.
G.C. SHALL PROVIDE PERIMETER FRAMING & PENETRATIONS AT ALL ROOF CURBS.

2. NOT USED

3. SEE NCA PACKAGE SCHEDULE NOTES FURNISHED ITEMS FOR HVAC INSTALLATION. ALL NON-FURNISHED ITEMS NECESSARY TO COMPLETE THE DESIGN INTENT OF THESE DOCUMENTS SHALL BE BY THE HVAC CONTRACTOR.

4. ALL NCA PROVIDED ROOF CURBS SHALL BE FABRICATED FROM 18 GA. G-90 MTL. WITH FULLY WELDED SEAMS, WATER TIGHT AND INTERNALLY INSULATED. FACTORY CURB CONVERSION SHALL NOT BE ACCEPTED.

5. SHIMS SHALL BE PROVIDED BY HVAC CONTRACTOR BETWEEN THE ROOF DECK AND THE CURBS TO COMPENSATE FOR ROOF PITCH ON BUILT UP ROOFS ONLY. OTHER ROOF CONSTRUCTIONS SHALL BE EVALUATED FOR BUILT-IN PITCH ON CURB.

6. ALL FLEX DUCT SHALL BE U.L. LISTED, R-6 BENEATH THERMAL BLDG. ENVELOPE & R-8 WHEN CEILING INSULATION IS USED. FLEX SHALL BE FOIL-BACKED, CLASS 1 AIR DUCT WITH FIRE AND SMOKE RATING [25]-[50].
FLEX DUCT SHALL BEAR A RECTANGULAR OR SQUARE SYMBOL FOR UNLIMITED LENGTH OF RUN OUT OR AS PER LOCAL CODE.

7. ALL METAL DUCT AND AIR DISTRIBUTION DEVICES SHALL BE INSULATED WITH R-6, 2" X .75 DENSITY FOIL-BACKED INSULATION, WITH FIRE AND SMOKE RATING [25]-[50].

8. ALL DUCTWORK SHALL BE INDEPENDENTLY HUNG FROM STRUCTURAL MEMBERS.

9. ALL DUCTWORK SHALL BE FABRICATED, INSTALLED, SEALED, AND EXTERNALLY INSULATED PER SMACNA LOW-VELOCITY DUCT MANUAL (LATEST ISSUE). INTERNALLY LINED DUCTWORK IS NOT ALLOWED.

10. UNLESS OTHERWISE NOTED, ALL SUPPLY TAKEOFFS SHALL HAVE A MANUAL VOLUME CONTROL DAMPER. (SEE DAMPER SYMBOLS EXPRESSED ON PLAN.

11. THE HVAC CONTRACTOR SHALL COORDINATE DIFFUSER LOCATIONS ON SITE WITH THE MOST RECENT REFLECTED CEILING PLAN.

12. THE HVAC CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE COVERING A ONE-YEAR PERIOD FOR ALL HVAC EQUIPMENT AND PROVIDE AN ADDITIONAL FOUR-YEAR PERIOD FOR THE COMPRESSORS IN THE RTUS. ALL FANS TO BE U.L. LISTED.

13. UPON COMPLETION OF PROJECT, THE HVAC CONTRACTOR IS TO PROVIDE A CERTIFIED TEST AND BALANCE, AND A WRITTEN REPORT TO NCA CONSULTANTS. ALL CAPACITIES MUST BE SET TO WITHIN ±10% OF AMOUNTS INDICATED ON THE FLOOR PLAN AND SCHEDULES.

14. THE HVAC CONTRACTOR IS TO MAKE ALL LOW-VOLTAGE WIRING FINAL CONNECTIONS FOR ALL HVAC EQUIPMENT INCLUDING TEMPERATURE CONTROLS, RTUS, AND SMOKE DETECTORS.

GENERAL CONTRACTOR

1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO RECEIVE, OFFLOAD, AND STORE ALL HVAC MATERIALS WHICH ARRIVE AT THE JOB SITE. ALL MATERIAL MUST BE STORED INSIDE THE BUILDING. FRYER HOOD MUST BE STORED IN THE KITCHEN NEAR PROPOSED LOCATION AWAY FROM THE RISK OF DAMAGE..

2. ACCURATE MEASUREMENTS SHALL BE USED WHEN LOCATING GREASE RATED EXHAUST FAN ROOF PENETRATIONS.
G.C. SHALL CONFIRM & SIGN - OFF TO ELEVIATE ANY FUTURE DEVIATIONS OF FINAL HOOD LOCATION.
THE G.C. SHALL COORDINATE ANY EFFORT WITH THE STRUCTURAL ENG. GROUP TO ARRANGE TRUSS SPACING TO ALLOW FOR PASSAGE OF GREASE
RISER IN THE MIDDLE OF THE BAY BETWEEN TRUSSES.

3. ALL ROOF, CEILING, WALL, AND STRUCTURAL FRAMING REQUIRED FOR UNIT, FAN, DUCT, DIFFUSER, AND ALL OTHER HVAC WORK SHALL BE BY THE G.C. COORDINATE ON SITE WITH HVAC CONTRACTOR. GENERAL CONTRACTOR SHALL PROVIDE ANY SCREENING, GUARD RAILS, ETC. FOR ROOF-MOUNTED HVAC EQUIPMENT PER FBC AND LOCAL CODES.
ROOF FRAMING SIZES ARE BASED OFF OF THE FAN & ROOF TOP UNIT EQUIPMENT SCHEDULEDS. IF OTHER EQUIPMENT IS USED, VERIFY ROOF FRAMING REQUIREMENTS WITH SCHEDULES. COORDINATE ON SITE WITH HVAC CONTRACTOR. ROOFING MATERIAL SHALL NOT COVER THE TOP OF ANY ROOF CURB.

ELECTRICAL CONTRACTOR

1. THE ELECTRICAL CONTRACTOR SHALL ROUTE HIGH & LOW VOLTAGE WIRING CONTROL WIRING, LOW VOLTAGE WIRING SHALL BE FURNISHED BY THE HVAC CONTRACTOR. LOW & HIGH VOLTAGE WIRING MAY NOT BE IN THE SAME CONDUIT. WIRING MAY NOT ENTER OR EXIT CURB AT ANY POINT. ALL WIRING SHALL ENTER ROOF TOP UNIT AT OUTER ACCESS. USE WEATHER PROTECTED CONNECTIONS, BOXES & CONDUIT. DISCONNECTS SHALL BE PROVIDED BY THE E.C. FOR ALL REQUIRED ROOF EQUIPMENT.

2. THE ELECTRICAL CONTRACTOR SHALL USE A MINIMUM OF 4'-6" SEALTITE FLEXIBLE CONDUIT WHEN WIRING KITCHEN HOOD EXHAUST FANS ON ROOF SO THAT FANS MAY BE REMOVED FROM CURBS AND PLACED ON ROOF FOR CLEANING EXHAUST DUCTWORK.

3. FOR EACH UNIT, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ONE SINGLE-GANG RECEPTACLE TEST STATION FOR THE T-STAT, AND ONE DOUBLE-GANG RECEPTACLE TEST STATION FOR THE ANNUNCIATOR, WITH GREEN AND RED LIGHT INDICATORS. THE FIRE AND MECHANICAL INSPECTORS WILL DETERMINE SUITABLE LOCATION FOR TEST STATIONS. ANNUNCIATORS AND TEST STATION WILL BE LOOPED IN THE CIRCUITRY OF THE SMOKE DETECTION DEVICES. WIRING WILL BE INSTALLED BY ELECTRICAL CONTRACTOR.

4. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL INTERLOCKING DEVICES REQUIRED BETWEEN THE HOODED APPLIANCES & HVAC TO COMPLY WITH NFPA-96 WHEN "OPTIONAL NCA PANEL IS NOT FURNISHED".
THE USE OF THE "OPTIONAL NCA INTERLOCK PANEL & ON-OFF PANEL" FULLY COMPLIES WITH NFPA-96. ELECTRICAL DISTRIBUTION PLANS & SCHEDULES SHALL BE FORWARDED TO NCA FOR THE PRODUCTION OF THE "OPTIONAL INTERLOCK PANEL SYSTEM" PRIOR TO ROUGH-IN DISCIPLINES
OF THE ELECTRICAL CONTRACTOR TO ROUTE HIGH VOLTAGE CIRCUITS THRU ASSIGNED DRY CONTACT TERMINALS IN PANEL & FOR FIELD LOCATION.
CONTACTOR PANEL MUST BE IN PLACE PRIOR TO HIGH VOLTAGE ROUGH-IN.

PLUMBING CONTRACTOR

1. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL CONDENSATE DRAINS DOWNSTREAM OF P-TRAPS FOR A/C EQUIPMENT & DISPOSE OF CONDENSATE AT AN APPROVED LOCATION. DO NOT PENETRATE RTU CURB FOR MOUNTING OR OTHER.

2. THE PLUMBING CONTRACTOR SHALL PROVIDE NATURAL OR LP GAS SUPPLY TO ROOF TOP UNITS WHEN USING GAS HEAT.

3. THE PLUMBING CONTRACTOR IS TO COORDINATE PLUMBING VENT STACKS AND WATER HEATER FLUES WITH OUTSIDE AIR INTAKES OF A/C UNITS. 10'-0" MINIMUM CLEARANCE REQUIRED OR PER LOCAL CODE.

4. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL FLUE GAS EXHAUST VENT FOR WATER HEATER. MAINTAIN 10'-0" MINIMUM CLEARANCE TO AIR INTAKES, OR PER LOCAL CODE. COORDINATE ON SITE WITH G.C. AND HVAC CONTRACTOR.

ATTENTION GENERAL CONTRACTOR: "RE-ENGINEERING" DEVIATIONS FROM THE SHOWN DESIGN AND REQUIRED HVAC EQUIPMENT MUST BE APPROVED IN ADVANCE BY THE PROFESSIONAL ENGINEER. UNAUTHORIZED SUBSTITUTIONS OR ALTERATIONS WILL VOID THE SIGNATURE AND SEAL OF THE PROFESSIONAL ENGINEER AND LEAVE VIOLATORS RESPONSIBLE FOR RESUBMISSION OF SIGNED AND SEALED DRAWINGS.

GEORGIA REGISTERED PROFESSIONAL ENGINEER — SHANE R. HAMILTON

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HVAC FLOOR PLAN, NOTES & SCHEDULES

REVISIONS BY

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