

**BUILDING**

**ENVELOPE**

WALLS  
WALL - SIMULATED STONE FINISH - U-VALUE = 0.078  
WALL - E.F.I.S. FINISH - U-VALUE = 0.080

FRONT  
WALL - SIMULATED STONE FINISH 75 FT. SQ.  
WALL - E.F.I.S. FINISH - 291 FT. SQ.

REAR  
WALL - SIMULATED STONE FINISH - 17 FT. SQ.  
WALL - E.F.I.S. FINISH - 442 FT. SQ.

LEFT SIDE  
WALL - SIMULATED STONE FINISH - 183 FT. SQ.  
WALL - E.F.I.S. FINISH - 749 FT. SQ.

RIGHT SIDE  
WALL - SIMULATED STONE FINISH - 165 FT. SQ.  
WALL - E.F.I.S. FINISH - 714 FT. SQ.

**GLASS**

WINDOW GLASS - U-VALUE WINTER = 0.29  
WINDOW GLASS - U-VALUE SUMMER = 0.27

FRONT  
WINDOW GLASS - 99 FT. SQ.

REAR  
WINDOW GLASS - 0.0 FT. SQ.

LEFT SIDE  
WINDOW GLASS - 123 FT. SQ.

RIGHT SIDE  
WINDOW GLASS - 68 FT. SQ.

ROOF  
SINGLE PLY POLYVINYL-CHLORIDE ROOFING W/ TWO SHEETS DURO-GUARD ISO II (FLAT), 2 PLYS ATLAS FR-10 ON 1/2" PLYWOOD ROOF DECK R-VALUE 30 (MIN)

TOTAL ROOF AREA - 2,030 FT. SQ.

**GLASS**

GLASS - U-VALUE = 0.45  
GLASS W/PAPER HONEY COME CORE U-VALUE= 0.45

FRONT  
NO DOOR - 0.0 FT. SQ.

REAR  
STEEL DOOR - 26.0 FT. SQ.

LEFT SIDE  
GLASS DOOR - 21.0 FT. SQ.

RIGHT SIDE  
GLASS DOOR - 42.0 FT. SQ.

**FLOOR**

SLAB ON GRADE W/ 3" RIGID INSULATION  
U-VALUE = 0.0667  
R-VALUE = 15

SLAB ON GRADE  
TOTAL FLOOR AREA - 2,143 FT. SQ.  
FLOOR PERIMETER - 212 FT.

**EXHAUST HOOD DUCT NOTES (BY G.C.)**

- FRYER EXHAUST DUCTWORK ARE SIZED TO MAINTAIN A MINIMUM 1660 FPM EXHAUST AIR VELOCITY. ALL GREASE EXHAUST DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH NFPA-96. GREASE EXHAUST DUCTWORK SHALL HAVE ALL SEAMS, JOINTS AND PENETRATIONS SEALED LIQUID TIGHT.
- ALL HORIZONTAL RUNS OF GREASE DUCT, EXHAUST AND CONDENSATE SHALL SLOPE BACK TOWARD THE HOOD, GRILLE OR DRAIN AT A SLOPE OF 1" PER FOOT.
- THE MECHANICAL CONTRACTOR IS TO PROVIDE CLEANOUTS, AS REQUESTED PER DETAIL ON M5 SHEET.
- THE DISCHARGE OF THE GREASE EXHAUST FAN SHALL BE UPWARD AND A MINIMUM OF 40' ABOVE THE ROOF SURFACE AND A MINIMUM OF 10' FROM ANY OUTSIDE AIR INTAKE.
- ALL GREASE EXHAUST DUCTS SHALL HAVE RADIUS ELBOWS. EXHAUST DUCT PROTECTION:
- GREASE EXHAUST DUCT SHALL BE CARBON STEEL 16 GAUGE WELDED DUCTS PER NFPA-96 PROTECTED WITH THE FOLLOWING: 1" AIR SPACE FROM DUCT TO 22 GA SHEET METAL COVERED WITH 1" MINERAL WOOL AND WIRE MESH SECURED TO COMBUSTIBLES WITH 1" NON COMBUSTIBLE SPACERS TO REDUCE CLEARANCE TO COMBUSTIBLES TO 3" PER NFPA 96 A-1-3.2.

OPTIONAL COMBUSTIBLE PROTECTION: USE FIRE MASTER GREASE DUCT FIRE PROTECTION SYSTEM BY "THERMAL CERAMICS" WHICH OFFERS ZERO CLEARANCE TO COMBUSTIBLE & 2 HR. RATING.

**EXHAUST HOOD NOTES**

- THE FOLLOWING EQUIPMENT SHALL BE SUPPLIED BY OWNER AND INSTALLED BY THE HVAC CONTRACTOR.
  - STAINLESS STEEL HOODS AS SPECIFIED PRE PIPED FOR FIRE PROTECTION SYSTEM, CEILING CLOSURE STRIP, AND ALL EXHAUST FANS AND CURBS.
  - THE HVAC CONTRACTOR SHALL RECEIVE THE ABOVE EQUIPMENT, UNCRATE, BE RESPONSIBLE FOR REPORTING DAMAGE RECEIVED DURING SHIPMENT, AND BE RESPONSIBLE FOR LOSS OR DAMAGE TO THE ABOVE EQUIPMENT ONCE RECEIVED ON THE JOB.
  - EXHAUST HOODS PROVIDED WILL MEET OR EXCEED THE FOLLOWING REQUIREMENTS, OR AS BY THE ACTIONABLE CODE:
    - NSF # 1362 BEAR THE NSF SEAL OF APPROVAL.
    - U.L. CLASSIFICATION # 24N1
    - MEET OR EXCEED NFPA # 96, 1998 EDITION
    - 2006 IMC
  - THE MECHANICAL ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING A SET OF SHOP DRAWINGS FROM THE HOOD MANUFACTURER. THE ENGINEER SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT OF ANY LOCAL CODES WHICH WILL AFFECT THE HOOD MANUFACTURE OR INSTALLATION.
  - THE HOOD MANUFACTURER SHALL PROVIDE PRE-PIPED AUTOMATIC FIRE CONTROL SYSTEMS FOR THE FRYER HOOD INCLUDING FIRE CONTROL CABINETS - AND FURNISH A 2 POLE MICRO SWITCH FURNISHED FOR EQUIPMENT SHUT OFF. THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL INSTALLATION AND INSPECTIONS OF THE HOOD EXHAUST SYSTEM HOOD EXTINGUISHING SYSTEM BY CERTIFIED FIRE SUPPLY CONTRACTOR.
  - THE PLUMBING CONTRACTOR SHALL INSTALL THE MECHANICAL GAS VALVE IN ACCORDANCE WITH THE APPLICABLE CODES. THE VALVE SHALL BE PROVIDED BY PLUMBING CONTRACTOR.
  - THE ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING IN ACCORDANCE WITH THE "HOOD WIRING DIAGRAM" SHEET AS DIRECTED BY THE ELECTRICAL ENGINEER.
  - MANUAL PULL STATION SHALL BE PROVIDED BY HOOD CONTRACTOR AND INSTALLED BY FIRE SUPPLY CONTRACTOR.

**REGIONAL COORDINATION**

MAKE-UP AIR FOR THE FRYER HOOD SHALL BE INDUCED THROUGH THE HVAC SYSTEMS, AS LONG AS THE OUTSIDE AIR QUANTITIES DO NOT EXCEED 25% OF THE HVAC SYSTEM CAPACITIES. IF ADDITIONAL MAKE-UP AIR IS REQUIRED, THE ENGINEER SHALL CONTACT THE HOOD MANUFACTURER TO DESIGN AN ADDITIONAL TEMPERED OR NON-TEMPERED MAKE-UP AIR SYSTEM, DEPENDING ON REGIONAL WEATHER REQUIREMENTS.

**SECTION 15B - HEATING, VENTILATION, AIR**

**CONDITIONING AND REFRIGERATION**

- GENERAL PROVISIONS
- SCOPE: PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT IN ACCORDANCE WITH THESE SPECIFICATIONS AND THE ACCOMPANYING DRAWINGS TO PROVIDE A COMPLETE AND PROPERLY RATED HEATING, VENTILATING, AIR CONDITIONING, REFRIGERATION SYSTEMS BY OTHERS. WORK UNDER THIS SECTION INCLUDES, BUT IS NOT NECESSARILY LIMITED TO:
    - FURNISH AND INSTALL THE FOLLOWING: ROOFTOP UNITS AND CURBS, INSULATION, DUCTWORK, AIR DEVICES, HVAC CONTRACTORS AND PROPER CONTROL SYSTEMS COMPONENTS FOR COMPLIANCE WITH NFPA-96 AND 12.
    - INSTALL THE FOLLOWING: EXHAUST FANS, HOODS, AND GREASE RISER, IDENTIFY AND LABEL CONDENSER ON ROOF BY OTHERS.
    - GENERAL REQUIREMENTS: ALL WORK UNDER THIS CONTRACT SHALL BE COMPLETED IN STRICT ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES. WHERE THESE PLANS AND SPECIFICATIONS ARE IN CONFLICT WITH SUCH CODES, THE CODES SHALL GOVERN. PAY FOR AND OBTAIN NECESSARY CONSTRUCTION PERMITS AND CERTIFICATES OF INSPECTION.

NOTE: WHERE ENERGY CALCULATIONS ARE REQUIRED, THESE SHALL BE PREPARED BY THE MECHANICAL ENGINEER AT THE DIRECTION OF THE ARCHITECT. A COPY OF THE CALCULATION SHALL BE FORWARDED TO POPEYES DEVELOPMENT FOR THEIR RECORDS.

COORDINATION: COORDINATE WORK WITH OTHER TRADES. LOCATIONS SHOWN ON DRAWINGS ARE APPROXIMATE. FIELD LOCATE ROOF CURBS BASED ON THE GENERAL DIRECTIONS GIVEN ON CONSTRUCTION DOCUMENTS.

MATERIALS AND PERFORMANCE:

- MATERIALS: ALL MATERIALS SHALL BE NEW AND OF THE QUALITY INDICATED BY THE SPECIFIED BRAND NAMES. SUBSTITUTIONS OF MATERIAL OF EQUAL QUALITY BY OTHER FIRST-LINE MANUFACTURERS MAY BE ACCEPTABLE PROVIDED A LIST OF SUCH SUBSTITUTIONS IS APPROVED IN WRITING BY POPEYES DEVELOPMENT. A SUBSTITUTIONS LIST SHALL BE SUBMITTED IN TRIPLICATE FIVE (5) DAYS BEFORE THE CONTRACT IS TO BE LET.
- NATIONAL ACCOUNTS: ROOFTOP HVAC EQUIPMENT, TOILET EXHAUST FANS, HVAC DUCT SYSTEMS, AND HVAC DIFFUSERS, GRILLS, AND PLENUM BOXES ARE AVAILABLE FROM NATIONAL ACCOUNTS INDICATED ON THE DRAWING COVER SHEET. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH PLANS AND MANUFACTURERS' INSTRUCTIONS. FOR NATIONAL ACCOUNTS INFO REFER TO DIRECTORY.
- ROUTING OF DUCT SYSTEMS: COORDINATE ROUTING OF DUCT SYSTEMS WITH OTHERS. LINE UP WORK TRUE TO ADJACENT SPACES AND IN A WORKMANLIKE MANNER. AND USE STANDARD RADIUS 90 ELBOWS. WHERE REQUIRED, DUCTWORK IS TO BE STURDILY SUPPORTED AND SEPARATED IN ACCORDANCE WITH ASHRAE & SMACNA STANDARDS.
- DUCTWORK FOR HVAC SYSTEM:

- GENERAL NOTES:
  - VOLUME DAMPERS SHALL BE INSTALLED AT ALL BRANCH RUNOUTS.
  - DUCT DIMENSIONS INDICATED ARE INSIDE DIMENSIONS DIMENSIONS.
  - DUCT WORK SHALL BE BUILT IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
  - DUCT BOARD IS NOT ALLOWED.
- METAL DUCT WORK:
  - DUCT WORK SHALL BE CONSTRUCTED OF G-90 GALVANIZED SHEET METAL.
  - THE GAUGES OF METAL TO BE USED AND THE CONSTRUCTION AND BRACING OF JOINTS SHALL BE IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
  - METAL DUCT SHALL BE SUPPORTED FROM BUILDING STRUCTURE ON STRIP HANGERS NOT OVER 5'-0" APART.
- EXTERNAL SIA, R/A DUCT WRAP:
  - INSULATE EXTERIOR OF ALL SIA, R/A METAL DUCT FITTINGS WITH 2" THICK FIBERGLASS, 3/4 LB DENSITY, BLANKET INSULATION WITH FOIL BACKING AND/UL LABELED.
  - INSULATION SHALL HAVE A FLAME SPREAD OF TWENTY FIVE(25) OR LESS AND A SMOKE DEVELOPED RATING OF FIFTY(50) OR LESS.
  - INSULATION SHALL BE OWENS-CORNING FRK25 OR EQUIV.
  - INSULATION SHALL BE LIGHTLY LAPPED WITH 2" WIDE VAPOR BARRIER PRESSURE-SENSITIVE TAPE. SEE DETAIL ON M4 SHEET.
  - DUCT WRAP SHALL BE INSTALLED IN A NEAT AND COMPETENT MANNER WITH ALL EDGES COVERED WITH APPROVED METALLIC DUCT TAPE TO VAPOR-PROOF THE ENTIRE DUCT.
- FLEX CONNECTORS/FLEX DUCT:
  - INSULATION AND VAPOR BARRIERS PRESENT ON ALL FLEX CONNECTORS SHALL BE FITTED OVER THE FLEX CONNECTION AND SHALL BE SUPPLEMENTARILY SECURED WITH DRAW BAND AND TAPED. SEE DETAIL ON M4 SHEET.
- TEMPERATURE SETTINGS:
  - AT CONCLUSION OF PROJECT, SET POINTS SHALL BE APPROXIMATELY COOLING 78 DEGREES F, HEATING 65 DEGREES F, AND INSTRUCT OWNER HOW TO RESET.
- ROOF CURBS:
  - CURBS TO BE FURNISHED BY NCA CONSULTANTS AND INSTALLED IN ACCORDANCE WITH DETAILS ON SHEET M2. COORDINATE WITH ROOF CONTRACTOR CURBS SHALL BE INSTALLED SUCH THAT ROOF DECK IS CONTIGUOUS BENEATH, AND OPEN PLENUM CURBS FLANGE TO INSIDE OF M2 SHEET.

NOTE: A LICENSED TEST AND BALANCE CONTRACTOR SHALL PROVIDE ALL TOOLS AND TEST EQUIPMENT NECESSARY FOR BALANCING ALL HVAC AND EXHAUST AIR SYSTEMS. A "DIGITAL" ANEMOMETER MODEL DA 4000 WITH A 275 PROBE IS RECOMMENDED FOR MEASURING HOOD EXHAUST.

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  - INSULATION SHALL BE OWENS-CORNING FRK25 OR EQUIV.
  - INSULATION SHALL BE LIGHTLY LAPPED WITH 2" WIDE VAPOR BARRIER PRESSURE-SENSITIVE TAPE. SEE DETAIL ON M4 SHEET.
  - DUCT WRAP SHALL BE INSTALLED IN A NEAT AND COMPETENT MANNER WITH ALL EDGES COVERED WITH APPROVED METALLIC DUCT TAPE TO VAPOR-PROOF THE ENTIRE DUCT.
- FLEX CONNECTORS/FLEX DUCT:
  - INSULATION AND VAPOR BARRIERS PRESENT ON ALL FLEX CONNECTORS SHALL BE FITTED OVER THE FLEX CONNECTION AND SHALL BE SUPPLEMENTARILY SECURED WITH DRAW BAND AND TAPED. SEE DETAIL ON M4 SHEET.
- TEMPERATURE SETTINGS:
  - AT CONCLUSION OF PROJECT, SET POINTS SHALL BE APPROXIMATELY COOLING 78 DEGREES F, HEATING 65 DEGREES F, AND INSTRUCT OWNER HOW TO RESET.
- ROOF CURBS:
  - CURBS TO BE FURNISHED BY NCA CONSULTANTS AND INSTALLED IN ACCORDANCE WITH DETAILS ON SHEET M2. COORDINATE WITH ROOF CONTRACTOR CURBS SHALL BE INSTALLED SUCH THAT ROOF DECK IS CONTIGUOUS BENEATH, AND OPEN PLENUM CURBS FLANGE TO INSIDE OF M2 SHEET.

- GENERAL NOTES:
  - VOLUME DAMPERS SHALL BE INSTALLED AT ALL BRANCH RUNOUTS.
  - DUCT DIMENSIONS INDICATED ARE INSIDE DIMENSIONS DIMENSIONS.
  - DUCT WORK SHALL BE BUILT IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
  - DUCT BOARD IS NOT ALLOWED.
- METAL DUCT WORK:
  - DUCT WORK SHALL BE CONSTRUCTED OF G-90 GALVANIZED SHEET METAL.
  - THE GAUGES OF METAL TO BE USED AND THE CONSTRUCTION AND BRACING OF JOINTS SHALL BE IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
  - METAL DUCT SHALL BE SUPPORTED FROM BUILDING STRUCTURE ON STRIP HANGERS NOT OVER 5'-0" APART.
- EXTERNAL SIA, R/A DUCT WRAP:
  - INSULATE EXTERIOR OF ALL SIA, R/A METAL DUCT FITTINGS WITH 2" THICK FIBERGLASS, 3/4 LB DENSITY, BLANKET INSULATION WITH FOIL BACKING AND/UL LABELED.
  - INSULATION SHALL HAVE A FLAME SPREAD OF TWENTY FIVE(25) OR LESS AND A SMOKE DEVELOPED RATING OF FIFTY(50) OR LESS.
  - INSULATION SHALL BE OWENS-CORNING FRK25 OR EQUIV.
  - INSULATION SHALL BE LIGHTLY LAPPED WITH 2" WIDE VAPOR BARRIER PRESSURE-SENSITIVE TAPE. SEE DETAIL ON M4 SHEET.
  - DUCT WRAP SHALL BE INSTALLED IN A NEAT AND COMPETENT MANNER WITH ALL EDGES COVERED WITH APPROVED METALLIC DUCT TAPE TO VAPOR-PROOF THE ENTIRE DUCT.
- FLEX CONNECTORS/FLEX DUCT:
  - INSULATION AND VAPOR BARRIERS PRESENT ON ALL FLEX CONNECTORS SHALL BE FITTED OVER THE FLEX CONNECTION AND SHALL BE SUPPLEMENTARILY SECURED WITH DRAW BAND AND TAPED. SEE DETAIL ON M4 SHEET.
- TEMPERATURE SETTINGS:
  - AT CONCLUSION OF PROJECT, SET POINTS SHALL BE APPROXIMATELY COOLING 78 DEGREES F, HEATING 65 DEGREES F, AND INSTRUCT OWNER HOW TO RESET.
- ROOF CURBS:
  - CURBS TO BE FURNISHED BY NCA CONSULTANTS AND INSTALLED IN ACCORDANCE WITH DETAILS ON SHEET M2. COORDINATE WITH ROOF CONTRACTOR CURBS SHALL BE INSTALLED SUCH THAT ROOF DECK IS CONTIGUOUS BENEATH, AND OPEN PLENUM CURBS FLANGE TO INSIDE OF M2 SHEET.

- PIPING TO BE HERMETICALLY SEALED.
- CONTROLS: FURNISH AND INSTALL AS INDICATED ON DRAWINGS. FURNISH AND INSTALL ALL CONTROL WIRING AND CABLES FROM HVAC UNITS, TEMPERATURE SENSORS, PHOTOCELL, AND CONTRACTOR PANEL IF USED. ROUTE CONTROL WIRING IN RACEWAY IN EQUIPMENT IF PROVIDED.

- HOOD EXHAUST FANS AND DUCTWORK: INSTALL ALL HOOD EXHAUST FANS IN ACCORDANCE WITH THE PLANS AND MANUFACTURERS' INSTALLATION INSTRUCTIONS. COOKING EXHAUST FANS ARE SUPPLIED BY OWNER. VENTILATOR EXHAUST DUCT SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 96.
- CLEANUP: AFTER COMPLETION OF THE WORK BEFORE FINAL INSPECTION CLEAN HVAC EQUIPMENT.
- FILTERS: PROVIDE CLEAN SET OF FILTERS FOR EACH HVAC UNIT WHEN TURNED OVER TO THE OWNER.

- HVAC OPERATOR'S MANUAL AND DIAGRAMS:
  - PROJECTS PARTICIPATING IN THE NATIONAL ACCOUNTS PROGRAM SHALL FOLLOW THE PROCEDURE OUTLINED IN THE NATIONAL ACCOUNT.
  - PROJECTS NOT PARTICIPATING IN THE NATIONAL ACCOUNT SHALL FOLLOW THE FOLLOWING PROCEDURE:
    - PREPARE IN DUPLICATE A MANUAL DESCRIBING THE PROPER MAINTENANCE AND OPERATION OF THE SYSTEM. THIS MANUAL SHALL NOT CONSIST OF STANDARD FACTORY-PRINTED INSTRUCTIONS, ALTHOUGH THESE MAY BE INCLUDED, BUT SHALL BE PREPARED TO DESCRIBE THIS PARTICULAR PROJECT.
    - THE MANUALS SHALL BE BOUND, INDEXED, DATED, AND SIGNED BY THE GENERAL CONTRACTOR. ONE (1) COPY SHALL BE SENT TO POPEYES DEVELOPMENT AND THE OTHER TO THE OWNER. QUALIFIED REPRESENTATIVES OF THE AIR CONDITIONING CONTRACTOR SHALL MEET WITH THE DESIGNATED REPRESENTATIVE OF THE OWNER. THE OWNERS REPRESENTATIVE SHALL BE INSTRUCTED IN THE PROPER OPERATION AND MAINTENANCE OF THE HVAC AND CONTROL SYSTEM.

- GUARANTEE: MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR ONE (1) YEAR FROM DATE OF COMPLETION. IN ADDITION, ALL REFRIGERATION COMPRESSORS SHALL BEAR A NON-PRORATED YEAR FACTORY WARRANTY, AND ALL EXTENDED WARRANTIES.
- SERVICE ACCESS:
  - PROVIDE SERVICE ACCESS AS REQUIRED IN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. IF SUCH ACCESS IS NOT AVAILABLE NOTIFY OWNER AND ATTEMPT TO SECURE NECESSARY CHANGES CAN BE WORKED OUT WITH OTHER TRADES. IF NOT, DO NOT INSTALL EQUIPMENT WHICH DOES NOT MEET MANUFACTURER'S REQUIREMENTS FOR ACCESSIBILITY. IN ALL CASES, PROVIDE AND INSTALL EQUIPMENT IN SITUATION THAT DOES NOT MEET THE MANUFACTURER'S WARRANTY REQUIREMENTS.
- ENVIRONMENTAL CORROSION PROTECTION: CONDENSATE COOLING/HEATING COILS:
  - REQUIRED FACTORY DIPPED COATING WITHIN ONE MILE OF ANY SEA WATER BEACH. FACTORY PRE-COAT WITHIN ONE TO FIVE MILES OF ANY COASTAL BODY.

- GENERAL NOTES:
  - HVAC CONTRACTOR SHALL VERIFY THAT ALL EQUIPMENT, AS SHOWN ON THESE DRAWINGS, WILL NOT CONFLICT WITH ANY DRAINS, SCOTTTLES, JOINTS, VENTS, ETC.
  - ROOF MOUNTED EQUIPMENT AND PENETRATIONS SHALL BE FLANGED A MINIMUM OF 12" ABOVE THE ROOF. PROVIDE AMPLE CURBS. ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM ANY EXHAUST FAN OR PLUMBING VENT. REFER TO ROOF PLAN.
- THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR ADMINISTERING ALL WARRANTIES ON EQUIPMENT WHICH HE INSTALLS, AND OTHER ITEMS FURNISHED BY OTHERS AS WELL AS THOSE FURNISHED BY HIM.
- CONDENSATE DRAINAGE FROM ROOF TOP HVAC UNITS SHALL BE TRAPPED. REFER TO ROOF PLAN.
- PROVIDE VIBRATION ISOLATION GASKETS AT FLANGE MARRIAGES. SEE DETAIL ON M4 SHEET.
- ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
- MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCT AND DIFFUSER LOCATIONS WITH LIGHTING LAYOUTS AS REQUIRED.

- THE CONTRACTOR SHALL PROVIDE COMPLETE INFORMATION AND COOPERATION TO THE OTHER CONTRACTORS AND TRADES AS REQUIRED FOR COMPLETION AND COORDINATION OF THE COMPLETE PROJECT.
- THIS CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES. ALL REQUIRED OPENINGS, WALLS AND ROOFS SHALL BE DESIGNED INTO THE STRUCTURE INITIALLY BY THE USE OF SLEEVES, CURBS, ETC. CUTTING AND PATCHING SHALL BE HELD TO A MINIMUM.
- THERMOSTATS SHALL BE LOCATED GENERALLY AS SHOWN BUT THEIR EXACT LOCATION SHALL BE FIELD COORDINATED TO AVOID INTERFERENCE WITH WALL MOUNTED ITEMS. MOUNT 54" AFF.
- MECHANICAL CONTRACTOR TO INSULATE BACKSIDE OF ALL DIFFUSERS.
- ALL DAMAGED COIL FINS SHALL BE COMBED STRAIGHT.

HVAC CONTROL NOTES:  
THE HVAC CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING DIAGRAMS FOR THE HVAC EQUIPMENT. 24 VOLT WIRING AND CONDUIT SHALL BE