

AIR DISTRIBUTION DEVICE SCHEDULE							
SYMBOL	SIZE	SERVICE	MOUNTING	ACCESSORIES	MANUFACTURER MODEL NO.	COLOR	REMARKS
CD-1	REFER TO PLANS	CEILING SUPPLY DIFFUSER	LAY-IN CEILING	OPPOSED BLADE	PRICE MODEL ASCD	--	24"x24" FACE
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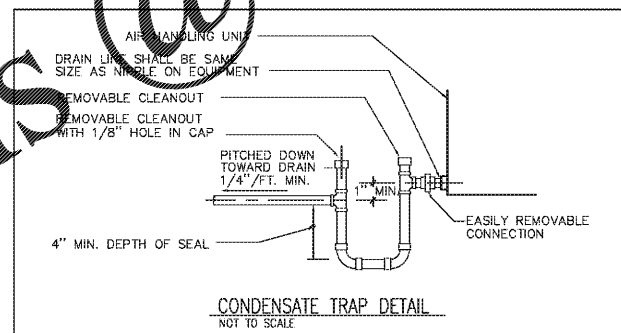
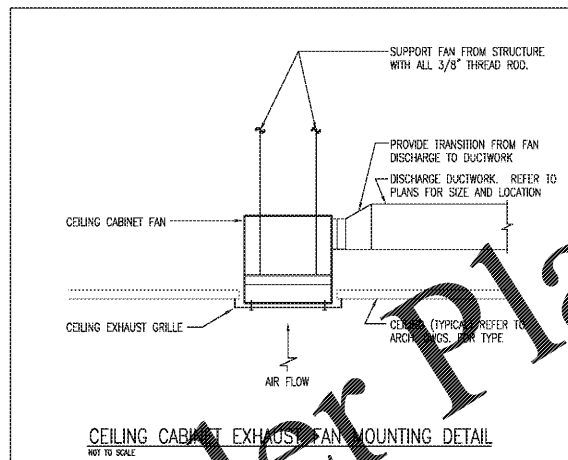
NOTES:

- SUPPLY AIR DIFFUSERS ARE FOUR WAY AIR PATTERN UNLESS INDICATED OTHERWISE ON PLAN BY ARROWS.
- MAXIMUM PRESSURE DROP OF .04 IN W.C.
- TRANSITION ROUND FLEXIBLE OR RECTANGULAR RIGID DUCTWORK TO DIFFUSER NECK AS REQUIRED.
- INSULATE BACK OF CEILING DIFFUSERS AND RETURN GRILLES.
- PROVIDE SQUARE TO ROUND TRANSITIONS AS REQUIRED.
- REFER TO PLANS FOR NECK SIZES AND AIR QUANTITIES.

EXHAUST FAN SCHEDULE												
UNIT NO.	SERVICE	LOCATION	CFM	E.S.P. (IN W.G.)	ELECTRICAL DATA			R.P.M. HI/LO	SONES	DRIVE	MANUFACTURER MODEL NUMBER (AS STANDARD)	REMARKS
					WATTS FAN ONLY	VOLTS	PHASE					
EF-1&2	TOILET	CLG	100	.125	156	120	1	--	4.1	DIRECT	NUTONE#672	1,2,3,4,5
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NOTES:

- PROVIDE WITH UNIT MOUNTED DISCONNECT.
- PROVIDE WITH BACKDRAFT DAMPERS & WALL CAP.
- PROVIDE SPEED CONTROLLER.
- INTERLOCK FAN WITH LIGHT SWITCH.
- FANS TO BE U.L. LISTED & AMCA CERTIFIED.



AIR CONDITIONING SCHEDULE	
MARK	AC-1,2
AREA	RETAIL SPACE
BTUH SENSIBLE	112,497
BTUH TOTAL	146,100
ENTERING DB-WB	80/67
OUTSIDE TEMP.	95° F
SUPPLY CFM	5,000
EXTERNAL SP.	.5
OSA CFM	REFER TO PLANS
FAN H.P.	5
HEAT KW	30
VOLTAGE/PHASE	208/3Ø
MCA	100
FUSE SIZE	100
EER	11.2
REFRIGERANT	R-410A
MODEL NO.	ZCA150S4BJY
MANUFACTURER	LENNOX
UNIT WEIGHT	450

NOTES:

- PROVIDE FILTER RACK WITH 2" 30-300 FILTERS.
- PROVIDE SOLID STATE HIGH PRESSURE CONTROL ON CONDENSER FAN FOR LOW AMBIENT CONTROL.
- PROVIDE 3 MINUTE SOLID STATE DELAY CONTROL TO PREVENT COMPRESSOR FROM SHORT CYCLING.
- INSTALL UNIT PER MANUFACTURER'S SPECIFICATIONS AND GUIDELINES.
- PROVIDE UNIT WITH ELECTRIC HEAT AND SINGLE POINT CONNECTION.
- UNIT DISCONNECT AND CONVECTANCE OUTLET PROVIDED BY DIV-16.
- PROVIDE FACTORY MOUNTED ENTHALPY ECONOMIZER W/BAROMETRIC RELIEF.

GENERAL SMOKE DETECTOR NOTE:
ALL RTU WITH VOLUMETRIC FLOW RATE GREATER THAN 2000CFM SHALL BE PROVIDED WITH SMOKE DETECTOR IN THE IN THE SUPPLY SIDE OF ALL FANS PER SECTION 606.2.1 OF THE IMC AS AMENDED BY THE STATE OF GEORGIA.

HVAC GENERAL NOTES

- CONTRACTOR SHALL VISIT THE EXISTING FACILITY AND CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSALS, SO AS TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT EXECUTION OF THE WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.
- ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED.
- CONNECTION TO EQUIPMENT SHALL BE VERIFIED AND ALL MANUFACTURER'S CERTIFIED DRAWINGS TRANSMITTED TO ALL EQUIPMENT SHALL BE VERIFIED AND PROVIDED FOR OWNER'S FURNISHED.
- BEFORE FABRICATION VERIFY AND CORRECT ALL DIMENSIONS IN THE FIELD.
- COORDINATE DIFFUSER AND REGISTER LOCATIONS WITH ELECTRICAL LIGHTING AND ARCHITECTURAL REFLECTED CEILING PLANS.
- WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. DETAILS IN FIELDS AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- COORDINATE GRILLES AND DIFFUSERS WITH OTHER DISCIPLINES. RELOCATE AS REQUIRED TO MATCH ARCH. CEILING PLAN OR FIELD CONDITIONS.
- SEAL ALL OPENINGS THROUGH ROOF AND EXTERIOR WALLS WATER TIGHT.
- NOT USED
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- REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL FIRE RATED PARTITIONS. MAINTAIN FIRE RATING INTEGRITY OF DUCTWORK AND ALL PIPING PENETRATIONS.
- ALL SEAMS AND CONNECTIONS IN DUCTWORK, DUCTBOARD, AND INSULATION WRAP SHALL BE SEALED WITH TWO LAYERS OF FAB AND MASTIC.
- NOT USED
- FURNISH AND INSTALL ALL NECESSARY ACCESSORIES, HARDWARE, AND APPURTENANCES REQUIRED FOR A COMPLETE FUNCTIONAL SYSTEM.
- ALL DUCTWORK SHALL BE IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARD AND DUCT INSULATION R-VALUE SHALL BE IN ACCORDANCE WITH ENERGY CODE REQUIREMENTS. MINIMUM INSTALLED R-6
- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION OF EXISTING MECHANICAL SYSTEM AS REQUIRED TO PERFORM NEW MECHANICAL WORK. ALL DIFFUSERS, DUCTWORK, AND MISCELLANEOUS DEVICES SHALL BE REUSED OR TURNED OVER TO THE OWNER'S REPRESENTATIVE OR REMOVED FROM SITE AND PROPERLY DISPOSED OFF AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE.
- ALL DUCTS SHALL BE SECURELY SUPPORTED, HUNG OR SUSPENDED BY METAL HANGERS, STRAPS, RODS, LUGS OR BRACKETS COMPLYING WITH DUCT CONSTRUCTION STANDARDS REFERENCED IN SMACNA
- ALL DUCT REGISTERS, GRILLES, AND DIFFUSERS SHALL HAVE A MIN. FLAME SPREAD RATING OF NOT OVER 25 AND A MIN. SMOKE DEVELOPED RATING OF NOT OVER 50 AND SHALL BE IN COMPLIANCE WITH SECTIONS 603.15 AND 603.15.1.
- BALANCING AND ADJUSTMENTS PRIOR TO FINAL INSPECTION:
PROVIDE TEST AND BALANCE BY INDEPENDENT CONTRACTOR. ADJUST THE AIR CONDITIONING SYSTEMS, VENTILATING SYSTEMS, FANS, ETC., TO DELIVER NOT LESS THAN THE REQUIRED AIR QUANTITY WITH DIFFERENT QUANTITIES TO BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
MAKE FINAL ADJUSTMENTS NECESSARY TO SATISFY OWNER NOISE AND COMFORT LEVEL REQUIREMENTS.
THIS CONTRACTOR SHALL PROVIDE THREE (3) COPIES OF A TEST AND BALANCE REPORT TO THE ARCHITECT AT TIME OF SUBSTANTIAL COMPLETION INSPECTION.

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CONSTRUCTION DOCUMENTS

PROJECT NO.: 8095.89
ISSUED: 07/21/2020

HVAC NOTES & SCHEDULES

M1.0

DISCLAIMER: THESE DOCUMENTS ARE BASED ON THE STANDARD PROTOTYPE DRAWING PROVIDED TO US BY DOLLAR GENERAL THROUGH THEIR OWNERS REPRESENTATIVE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS PRIOR TO COMMENCING WITH ANY WORK, MATERIALS, PURCHASES, BUILDING FABRICATION, ETC. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO ANY WORK BEING DONE. ANY REQUIRED ENGINEERING CHANGES TO MATCH THE EXISTING SITE CONDITIONS SHALL BE TREATED AS ADDITIONAL SERVICES.