

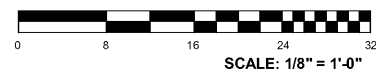
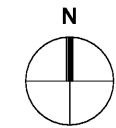
1 HVAC PLAN
M101 SCALE: 1/8" = 1'-0"

KEY NOTES

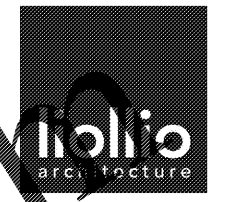
- 1 PROVIDE DIFFUSER WITH SPIRAL DUCT MOUNTING KIT AND OPPOSED BLADE DAMPER. REFER TO INTERIOR ELEVATIONS. CENTER DIFFUSER BETWEEN COLUMN LINES.
- 2 ROUTE CONDENSATE LINES DOWN IN EXTERIOR WALL. ROUTE UNDER PORCH, SUPPORTING CONDENSATE DRAIN LINE FROM PORCH STRUCTURE ABOVE. THEN ROUTE 1-1/4" DRAIN LINE THROUGH 2" PVC SLEEVE EMBEDDED IN CONCRETE RAMP AND DISCHARGE IN DRAIN PIT ON OPPOSITE SIDE OF RAMP FROM BUILDING. INSULATE FULL LENGTH OF CONDENSATE DRAIN LINE INSIDE BUILDING. SEE DETAIL. COORDINATE WITH ARCHITECT.
- 3 MOUNT EXTERIOR EQUIPMENT ON 6" THICK HOUSEKEEPING PAD, 6" LARGER THAN EQUIPMENT ON ALL SIDES.
- 4 HANG EXHAUST FAN FROM STRUCTURE. EXPOSED DUCTWORK SHALL BE SPIRAL. DUCTWORK AND SUPPORT TO BE PAINTED WHITE, PER ARCHITECTURAL DRAWING.
- 5 PROVIDE BAROMETRIC BACKDRAFT DAMPER IN LOWER. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION.
- 6 BRANCH SELECTOR BOX LOCATED ON CEILING. REFRIGERANT LINES NOT SHOWN FOR CLARITY. SEE DETAIL.
- 7 ROUTE CONDENSATE LINES TO EXTERIOR WALL. ROUTE DOWN IN WALL AND PENETRATE HORIZONTAL SIDING BEFORE SLAB. TERMINATE IN ZEPH 2" STAINLESS STEEL DOWNSPOUT NOZZLE ON EXTERIOR OF BUILDING. ALL DRAIN PENETRATIONS TO BE CENTERED UNIFORMLY ON THE SAME HORIZONTAL BOARD. SEE DETAIL. COORDINATE WITH ARCHITECT. DOWNSPOUT NOZZLE SHALL BE FLUSH WITH EXTERIOR. SEAL WEATHERTIGHT WITH SILICONE CAULK.
- 8 PROVIDE YOUNG REGULATOR REMOTE DAMPER CONTROLLER FOR EACH DIFFUSER LOCATED IN LOBBY CEILING. LOCATE YOUNG REGULATOR CONTROLLER CONCEALED ABOVE AN ACCESSIBLE CEILING. ADVISE THE ARCHITECT / OWNER PRIOR TO INSTALLATION IF ACCESS WILL BE HINDERED SO AN ALTERNATE LOCATION CAN BE SELECTED.
- 9 PUMP CONDENSATE UP ABOVE CEILING USING INTEGRAL CONDENSATE PUMP.
- 10 ROUTE CONDENSATE TO EXTERIOR WALL AND DISCHARGE TO DRAIN PIT.
- 11 ROUTE CONDENSATE DRAIN LINE ALONG WALL AT 1/4" PER 1'-0" DROP. ENCASE IN SHEET METAL ENCLOSURE.
- 12 TAP EXHAUST DUCT INTO TOP OF PLENUM BOX IN SOFFIT.

GENERAL NOTES

1. WHERE DUCT RUNOUT SIZE IS NOT SHOWN, PROVIDE DUCT SAME AS DIFFUSER NECK SIZE LISTED IN AIR DISTRIBUTION SCHEDULE.
2. PROVIDE MANUAL BALANCING DAMPER ON DUCT RUNOUT FOR EVERY SUPPLY DIFFUSER AND RETURN GRILLE.
3. IN FIELD, CONTRACTOR SHALL SEAL LINEAR SLOT DIFFUSERS WITH DUCT SEALANT AND WRAP WITH BALNKET INSULATION.
4. INSTALL ALL DUCT MOUNTED DEVICES (DAMPERS, ACCESS DOORS, ETC) IN EASILY ACCESSIBLE LOCATIONS.
5. REFRIGERANT LINES NOT SHOWN ON PLAN FOR CLARITY. SEE PIPING DIAGRAM ON M004.



SCALE: 1/8" = 1'-0"



147 Wappoo Creek Drive Suite 400
Charleston, SC 29412
P 843.762.2222



Revision Date	Description

Town of James Island
James Island Town Hall
1122/1126 Dills Bluff Road
Charleston, SC.

Project Number:	15169-00
Checked By:	MAU
Drawn By:	EAG
Date:	4/3/2017
Scale:	1/8" = 1'-0"

M101
HVAC PLAN

Order Plans