



**MECHANICAL FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

REFERENCED NOTES	
①	8" EXHAUST DUCT UP TO FAN MANUFACTURERS ROOF CAP. PROVIDE WITH ROOF CURB AND INSECT SCREEN
②	12" EXHAUST DUCT UP TO FAN MANUFACTURERS ROOF CAP. PROVIDE WITH ROOF CURB AND INSECT SCREEN
③	9" EXHAUST DUCT UP TO FAN MANUFACTURERS ROOF CAP. PROVIDE WITH ROOF CURB AND INSECT SCREEN
④	1" CONDENSATE DOWN IN WALL AND SPILL OUT AS 12" ABOVE GRADE. CONDENSATE SHALL DISCHARGE IN SUCH MANNER AS TO NOT CREATE A NUISANCE
⑤	1" CONDENSATE DOWN TIGHT IN CORNER AND SPILL INTO MOP SINK
⑥	8" OUTDOOR AIR DUCT UP TO GREENHECK MODEL GRS-8 ROOF CAP. PROVIDE WITH ROOF CURB AND INSECT SCREEN
⑦	6" OUTDOOR AIR DUCT UP TO GREENHECK MODEL GRS-8 ROOF CAP. PROVIDE WITH ROOF CURB AND INSECT SCREEN
⑧	COMBINATION VENT/COMBUSTION AIR PIPING UP THROUGH ROOF TO CONCENTRIC ROOF CAP
⑨	20x20 OUTDOOR AIR DUCT UP THROUGH ROOF TO GREENHECK GRS-30. OUTDOOR AIR DUCT HAS BEEN SIZED TO ACCOMMODATE THE ECONOMIZER CYCLE. PROVIDE MOTORIZED OUTDOOR AIR DAMPER INTERLOCKED WITH ENTHALPY SENSOR. DAMPER SHALL BE SET TO MAINTAIN 350 CFM MIN. UPON ACTIVATION OF THE ENTHALPY SENSOR, THE DAMPER SHALL MODULATE TO FULL OPEN POSITION ALLOWING 100% OUTDOOR AIR.
⑩	6" TYPE 'B' FLUE THROUGH ROOF TO CODE APPROVED ROOF CAP.
⑪	6" COMBUSTION VENT UP THROUGH ROOF TO MANUFACTURERS ROOF CAP.
⑫	24x22 OUTDOOR AIR DUCT UP THROUGH ROOF TO GREENHECK GRS-30. OUTDOOR AIR DUCT HAS BEEN SIZED TO ACCOMMODATE THE ECONOMIZER CYCLE. PROVIDE MOTORIZED OUTDOOR AIR DAMPER INTERLOCKED WITH ENTHALPY SENSOR. DAMPER SHALL BE SET TO MAINTAIN 350 CFM MIN. UPON ACTIVATION OF THE ENTHALPY SENSOR, THE DAMPER SHALL MODULATE TO FULL OPEN POSITION ALLOWING 100% OUTDOOR AIR.

This Drawing is the property of Brian Gaddis architect PLLC and is not to be reproduced or copied in whole or in part. This Drawing is to be used for this specific project only and not to be used on any other project. This Drawing shall be returned to Brian Gaddis architect PLLC upon written request.

Copyright 2022  
Brian Gaddis architect PLLC

Date: 03.02.23 BGo Project 21122  
Issue Dates:  
No: Date: Description: