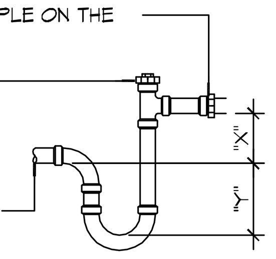
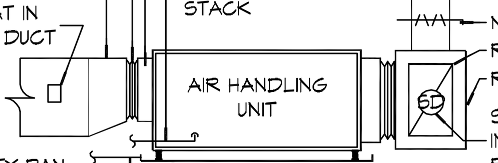
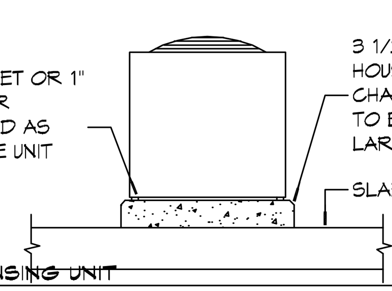
NOTES:
1. LENGTHS "X" AND "Y" SHALL BE DETERMINED BY AHU BASED ON TOTAL STATIC PRESSURE.
2. "X" AND "Y" SHALL BE EQUAL TO MINIMUM 1/2 TOTAL UNIT STATIC PRESSURE.
3. ALL CONDENSATE PIPING SHALL BE SLOPED AT 1/4" PER FOOT



4 DETAIL
SCALE: NTS — CONDENSATE TRAP



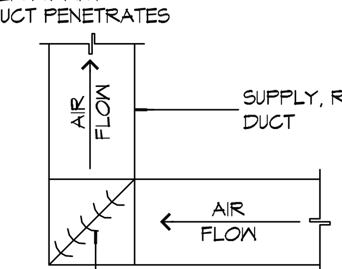
(B) HORIZONTAL AIR HANDLING UNIT (AHU)



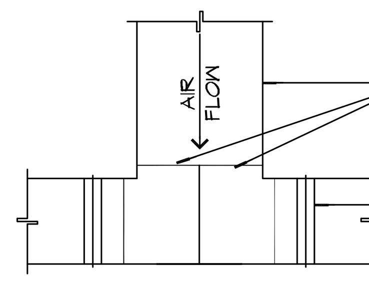
(A) CONDENSING UNIT

3 DETAILS
SCALE: NTS — A/C EQUIPMENT

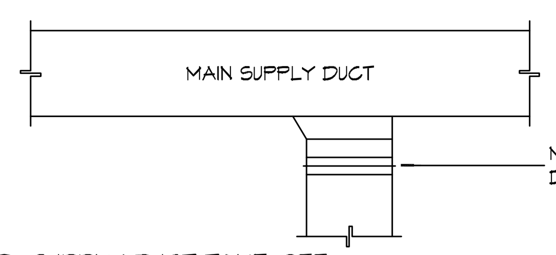
NOTE:
INSTALL FIRE DAMPER AT ANY LOCATION WHERE DUCT PENETRATES A FIRE WALL.



(C) SQUARE ELBOW

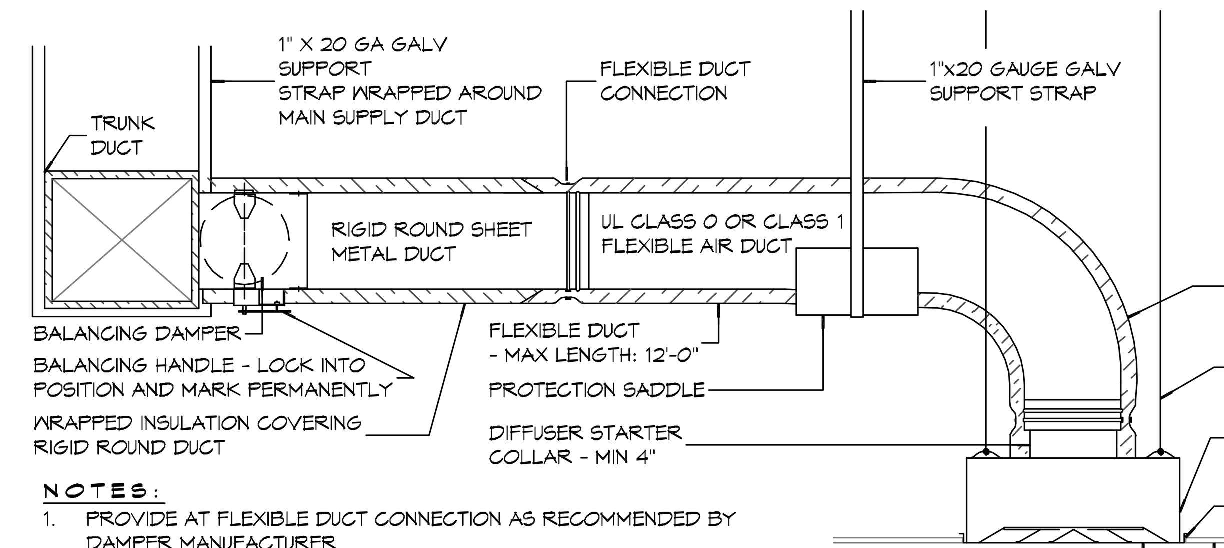


(B) DUCT SPLITTER



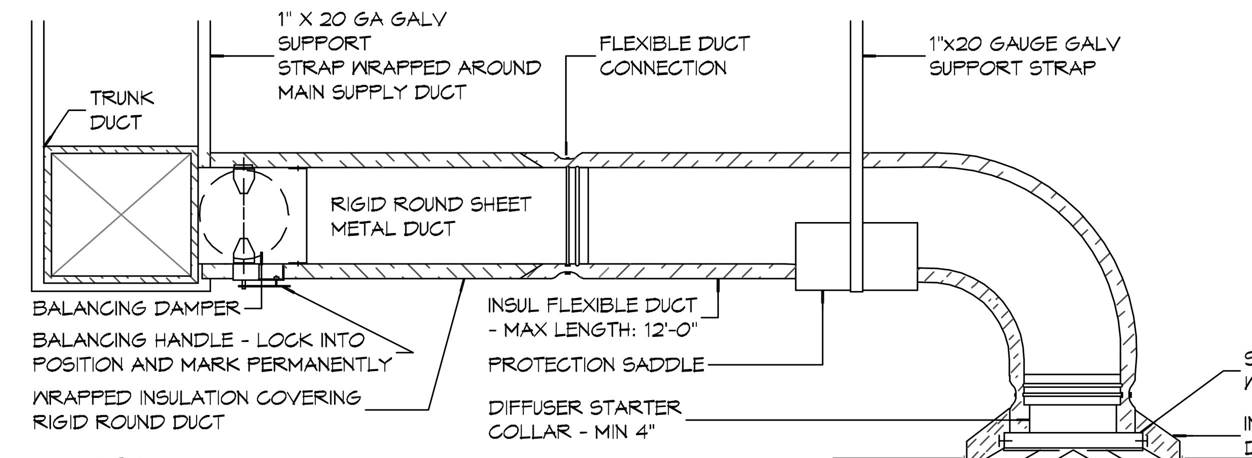
(A) SUPPLY DUCT TAKE-OFF

2 DETAILS
SCALE: NTS — TYPICAL DUCT CONNECTIONS



NOTES:
1. PROVIDE AT FLEXIBLE DUCT CONNECTION AS RECOMMENDED BY DAMPER MANUFACTURER.
2. PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF THE FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.
3. BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

(b) TYPICAL FIRE/SMOKE RATED CEILING DIFFUSER



NOTES:
1. PROVIDE AT FLEXIBLE DUCT CONNECTION "PANDUIT" DRAWBAND ON THE INTERIOR FLEXIBLE DUCT HELIX.
2. PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF THE FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.
3. BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

(A) TYPICAL NON-RATED CEILING DIFFUSER

1 DETAILS
SCALE: NTS — TYPICAL SUPPLY AIR REGISTERS

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

SHELL-ONLY PACKAGE
CHRIST EPISCOPAL CLASSROOM
80 CHRISTWOOD BOULEVARD
COVINGTON, LA 70433

JOB No:	2373	DATE:	05-17-2019
DRAWN BY:	KJK/JTL	CHECKED BY:	KJK

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SHEET TITLE:
HVAC DETAILS AND SCHEDULES

DRAWING NUMBER:
M102