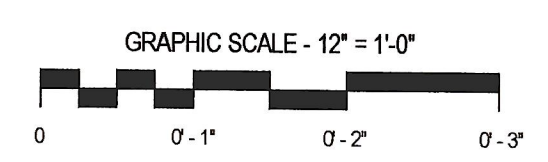
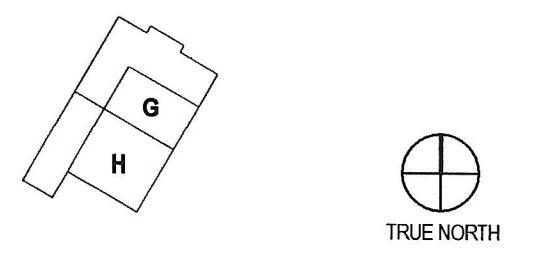
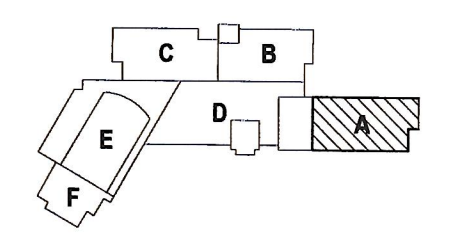




**PAUL VI CATHOLIC HIGH SCHOOL**

CATHOLIC DIOCESE OF ARLINGTON  
200 North Glebe Road  
Arlington, VA 22203  
Loudoun County ZCPA Number 2016-XXXX  
VMDO Project Number 15.1188

Checked By DRH  
Drawn By CMG



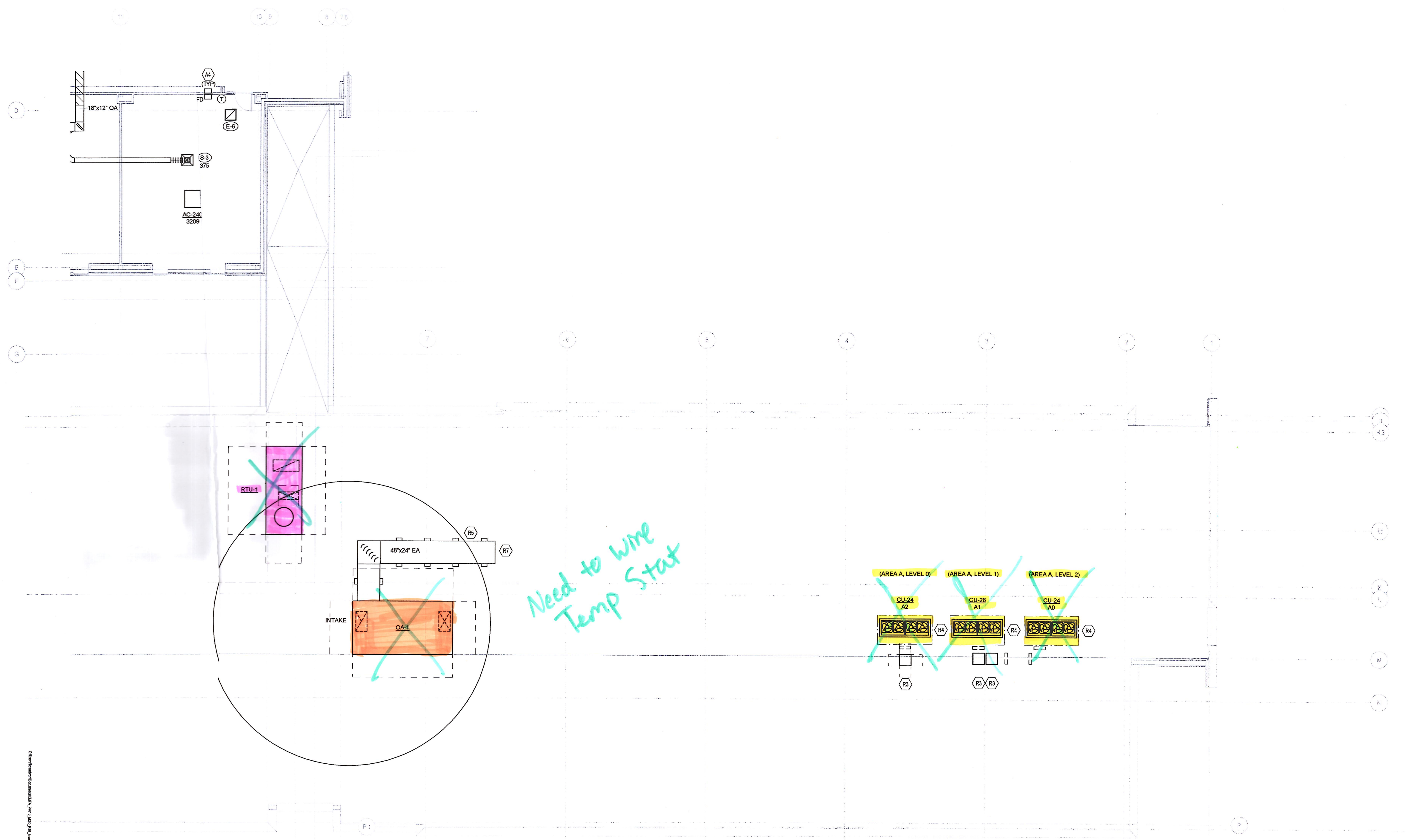
**DRAWING NOT FOR CONSTRUCTION**

ISSUES AND REVISIONS		DATE
NO.	SUBMITTAL	
	PERMIT SET	01.31.17

**ROOF PLAN AREA A - MECHANICAL**

- GENERAL NOTES: AIR DISTRIBUTION**
- A. CONTRACTOR RESPONSIBLE FOR LOCATING ALL HORIZONTAL UNITS CONCEALED ABOVE THE CEILING SO THAT ALL REQUIRED CLEARANCES ARE MAINTAINED AND COORDINATED WITH ALL TRADES.
  - B. CONTRACTOR RESPONSIBLE FOR LOCATING ALL DAMPERS IN DUCTWORK SO THAT ACCESSIBILITY IS MAINTAINED. COORDINATE WITH CEILING SYSTEM.
  - C. PROVIDE A HIGH EFFICIENCY TAKE-OFF AND VOLUME DAMPER AT EACH GRILLE, REGISTER, AND DIFFUSER BRANCH RUNOUT. REFER TO THE DETAIL ON SHEET M600 FOR SPECIFIC REQUIREMENTS.
  - D. NO DUCTWORK TO BE ROUTED OVER ELECTRICAL PANELS/TRANSFORMERS. REFER TO ELECTRICAL PLANS FOR EQUIPMENT LOCATIONS.
  - E. REFER TO VERTICAL UNIT INSTALLATION DETAIL ON SHEET M601 FOR SPECIFIC REQUIREMENTS.
  - F. REFER TO EXHAUST/RETURN AIR CANOPY DETAIL ON SHEET M600 FOR ADDITIONAL INFORMATION FOR E-6R-6 GRILLES.
  - G. REFER TO CEILING CASSETTE INSTALLATION DETAIL ON SHEET M601 FOR SPECIFIC REQUIREMENTS. APPLIES TO 3'X3' CASSETTES.

- KEYNOTES**
- A4 PROVIDE 16"x6" SHEET METAL SLEEVE IN WALL ABOVE CEILING FOR EXHAUST AIR PATH. EXTEND SLEEVE 6" ON BOTH SIDE OF WALL. PROVIDE FIRE DAMPER IN SLEEVE AT WALL PENETRATION WHERE NOTED.
  - R3 ROUTE THE REFRIGERANT PIPING DOWN THROUGH A NEW ROOF CURB/PIPING PORTAL. PROVIDE A ROOF PRODUCTS MODEL RPPC-80 ROOF CURB WITH PIPE CHASE. REFER TO THE PIPE PORTAL DETAIL ON SHEET M600 FOR ADDITIONAL INFORMATION. ROOF CURB SHALL BE 3'-0" AWAY FROM CONDENSING UNIT. REFRIGERANT PIPING SHALL BE SUPPORTED BY COOPER B-LINE C-SERIES ROOFTOP SUPPORTS.
  - R4 NEW CONDENSING UNIT MOUNTED ON A NEW ROOF CURB. REFER TO DETAIL ON SHEET M600.
  - R5 PROVIDE DUCT SUPPORTS 5'-0" ON CENTER. DUCT SUPPORTS SHALL BE COOPER, B-LINE, MODEL C-SERIES OR EQUAL.
  - R7 DUCTWORK DOWN TO FLOOR BELOW. REFER TO SHEET M121 FOR CONTINUATION.



*Need to wire Temp Stat*

1 ROOF PLAN AREA A - MECHANICAL  
1/8" = 1'-0"