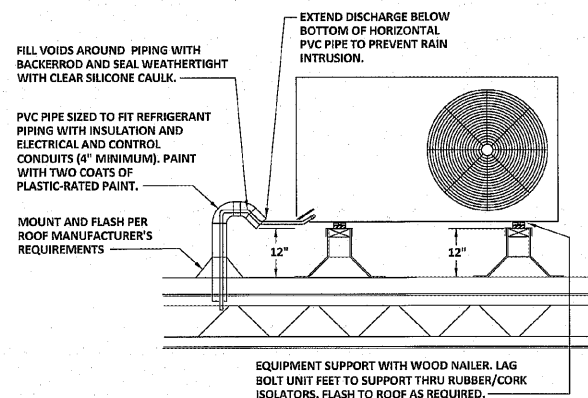
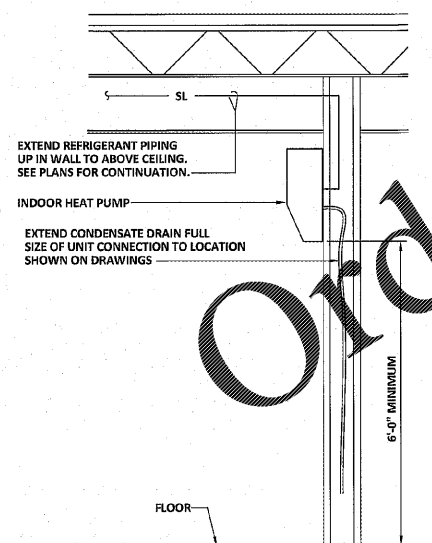


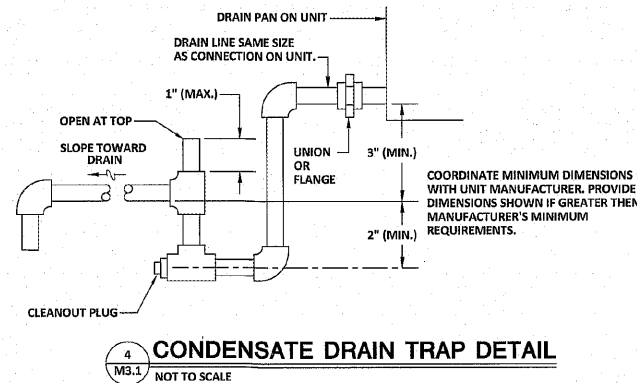
1 WALL MOUNTED HEAT PUMP W/CURB DETAIL
M3.1 NOT TO SCALE



2 SECTION @ OUTDOOR UNIT ON ROOF
M3.1 NOT TO SCALE



3 SECTION @ INDOOR HEAT PUMP
M3.1 NOT TO SCALE



FMS INPUT/OUTPUT SUMMARY

TYPICAL (ROOFTOP OR SPLIT) HEAT PUMP

	OUTPUTS		INPUTS		SOFTWARE				NOTES
	BINARY	ANALOG	BINARY	ANALOG	ALARM	DDC	ENERGY MGMT.		
ROOM TEMPERATURE									
ROOM OFFSET									
ROOM HUMIDITY									
OVERIDE									
SUPPLY FAN	X								
SUPPLY AIR TEMPERATURE									
COMPRESSOR STAGE 1	X								
COMPRESSOR STAGE 2 (WHERE REQ'D)	X								
REVERSING VALVE		X							
AUX HEAT	X								
SAFETY CIRCUIT									

(1) WHERE EQUIPPED WITH ION GENERATOR.

FMS INPUT/OUTPUT SUMMARY

TYPICAL DUCTLESS SPLIT SYSTEM HEAT PUMP

	OUTPUTS		INPUTS		SOFTWARE				NOTES
	BINARY	ANALOG	BINARY	ANALOG	ALARM	DDC	ENERGY MGMT.		
ROOM TEMPERATURE									
SUPPLY FAN STATUS			X						(1)

(1) TEMPERATURE POINT FOR INFORMATION ONLY. CONTROL SHALL BE BY THERMOSTAT FURNISHED BY UNIT MANUFACTURER.

FMS INPUT/OUTPUT SUMMARY

TYPICAL FOR WALL-MOUNT HEAT PUMP

	OUTPUTS		INPUTS		SOFTWARE				NOTES
	BINARY	ANALOG	BINARY	ANALOG	ALARM	DDC	ENERGY MGMT.		
ROOM TEMPERATURE									
ROOM OFFSET									
ROOM HUMIDITY									
COMPRESSOR	X								
REVERSING VALVE (HEAT/COOL)		X							
AUX HEAT	X								
SUPPLY FAN	X								
SUPPLY AIR TEMPERATURE									

CONTROL DEHUMIDIFICATION CYCLE WITH DEVICES FURNISHED BY UNIT MANUFACTURER.



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KEY PLAN:

REVISIONS:	
Date	Description

TERRACE MANOR ELEMENTARY SCHOOL ROOF AND HVAC

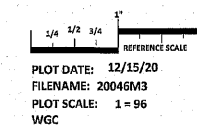
FOR

RICHMOND COUNTY BOARD OF EDUCATION

RCBOE # B-18-012-4330

3110 TATE ROAD AUGUSTA, GA

DRAWING TITLE	
HVAC DETAILS	
PROJECT NO. 20-14	DRAWING NO.
DATE 12/07/2020	
DRAWN BY WDP	
PAPER 24"x36"	M3.1
ISSUE ISSUED FOR BID	



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