



24 UT # 1 1-4  
 24 UT # 2 5-7



CAMPBELL UNIVERSITY



BMF ENGINEERING, INC. 4309  
 EMPEROR BOULEVARD SUITE 325  
 DURHAM, NORTH CAROLINA 27703  
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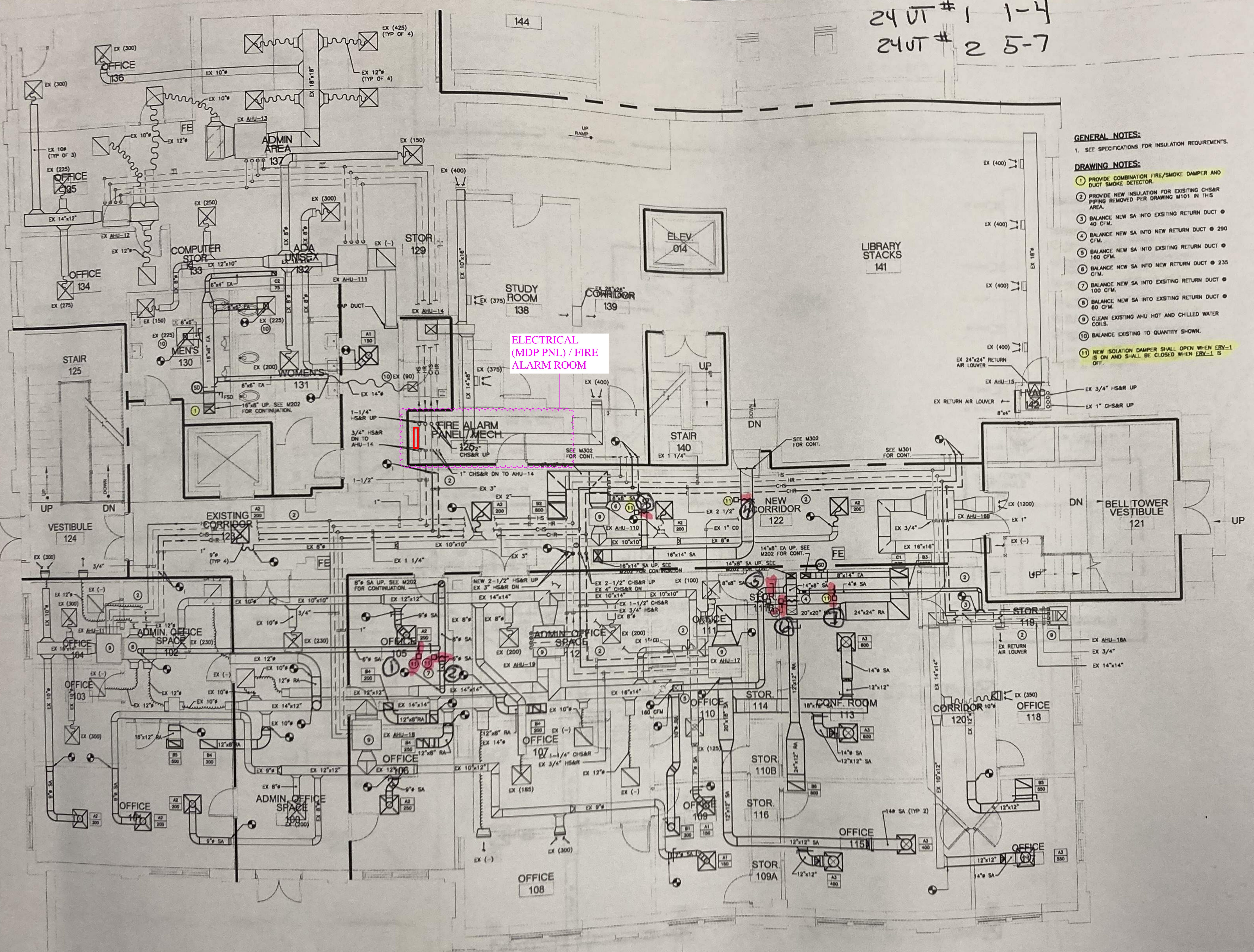
CAMPBELL UNIVERSITY  
 KIVETT HALL  
 RENOVATION

PJH  
 ALM  
 CTD

KIVETT HALL  
 FIRST FLOOR  
 HVAC NEW WORK  
 FLOOR PLAN

514.4387.01

BID/PERMIT SET 06.29.2009 M201



- GENERAL NOTES:**  
 1. SEE SPECIFICATIONS FOR INSULATION REQUIREMENTS.
- DRAWING NOTES:**
- ① PROVIDE COMBINATION FIRE/SMOKE DAMPER AND DUCT SMOKE DETECTOR.
  - ② PROVIDE NEW INSULATION FOR EXISTING CHS&R PIPING REMOVED PER DRAWING M101 IN THIS AREA.
  - ③ BALANCE NEW SA INTO EXISTING RETURN DUCT @ 40 CFM.
  - ④ BALANCE NEW SA INTO NEW RETURN DUCT @ 290 CFM.
  - ⑤ BALANCE NEW SA INTO EXISTING RETURN DUCT @ 160 CFM.
  - ⑥ BALANCE NEW SA INTO NEW RETURN DUCT @ 235 CFM.
  - ⑦ BALANCE NEW SA INTO EXISTING RETURN DUCT @ 100 CFM.
  - ⑧ BALANCE NEW SA INTO EXISTING RETURN DUCT @ 80 CFM.
  - ⑨ CLEAN EXISTING AHU HOT AND CHILLED WATER COILS.
  - ⑩ BALANCE EXISTING TO QUANTITY SHOWN.
  - ⑪ NEW ISOLATION DAMPER SHALL OPEN WHEN ERV-1 IS ON AND SHALL BE CLOSED WHEN ERV-1 IS OFF.

FIRST FLOOR PLAN - HVAC SYSTEMS  
 SCALE: 1/4" = 1'-0"

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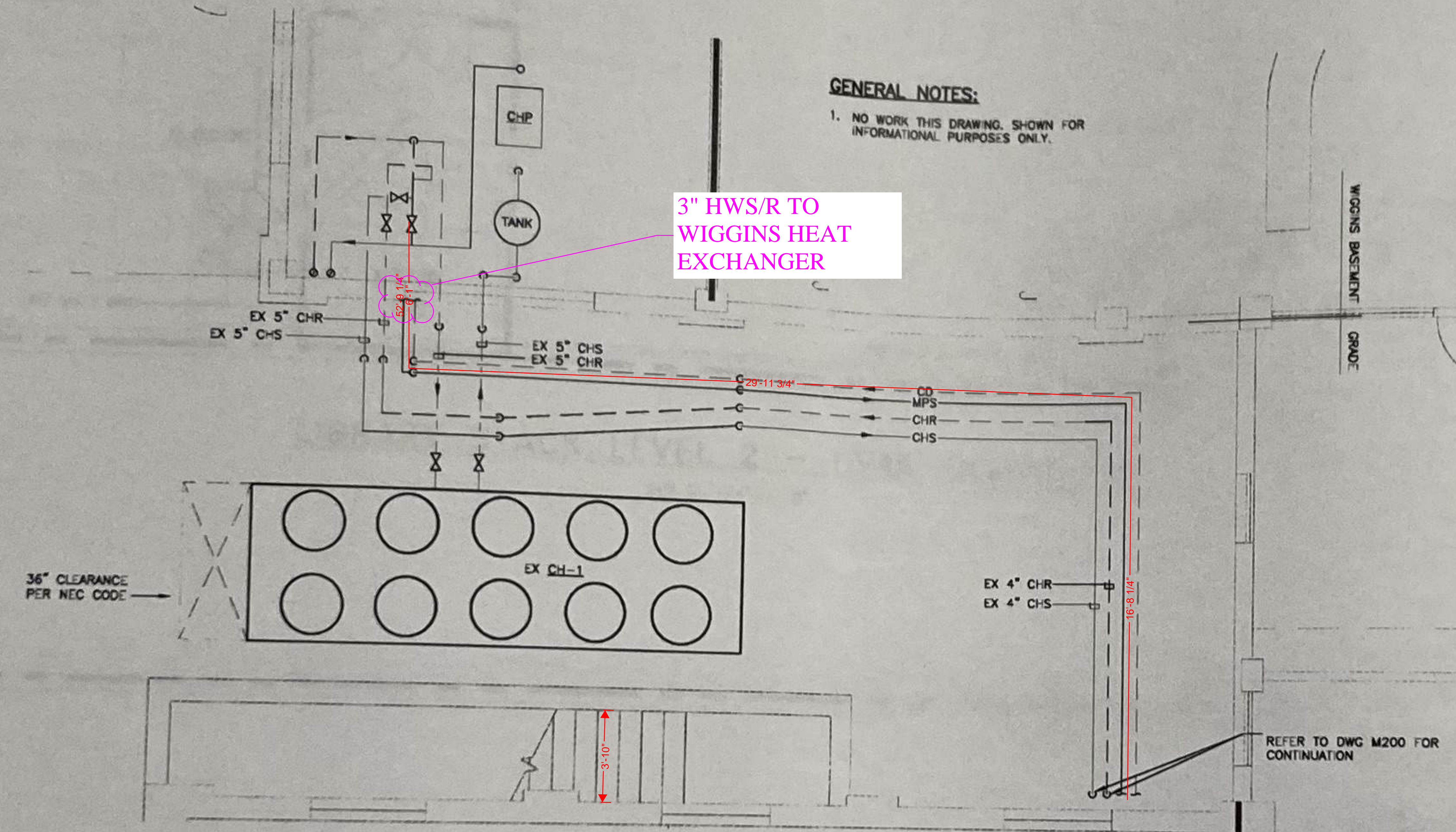
CAMPBELL UNIVERSITY  
KIVETT HALL  
RENOVATION

PROJECT: KIVETT HALL RENOVATION  
DATE: 06/29/2009  
DRAWN BY: ALM  
CHECKED BY: CTD

KIVETT HALL  
CHILLER YARD  
PART PLAN

514.4387.01

06.29.2009 M301



GENERAL NOTES:  
1. NO WORK THIS DRAWING, SHOWN FOR INFORMATIONAL PURPOSES ONLY.

3" HWS/R TO WIGGINS HEAT EXCHANGER

CHILLER YARD - HVAC PLAN

SCALE: 1/4"=1'-0"