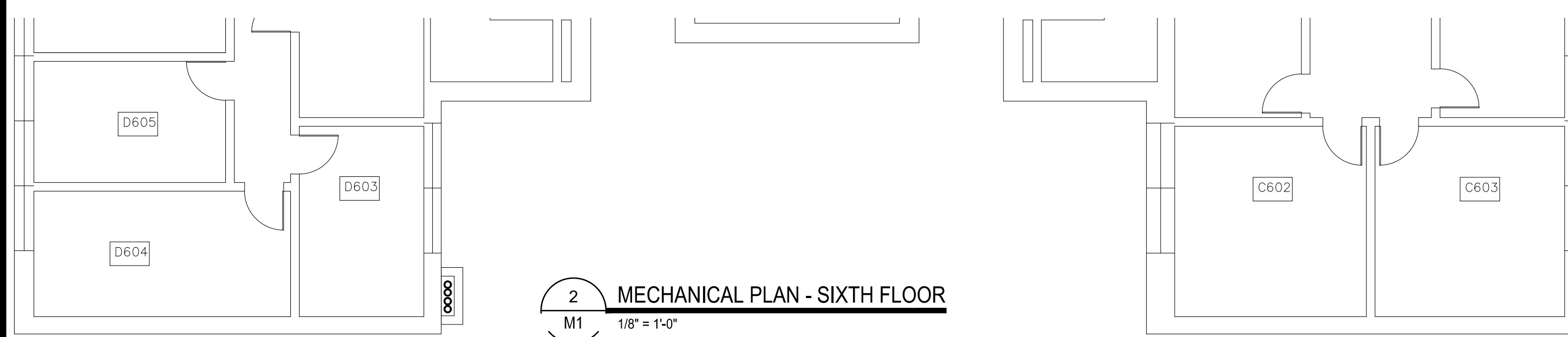
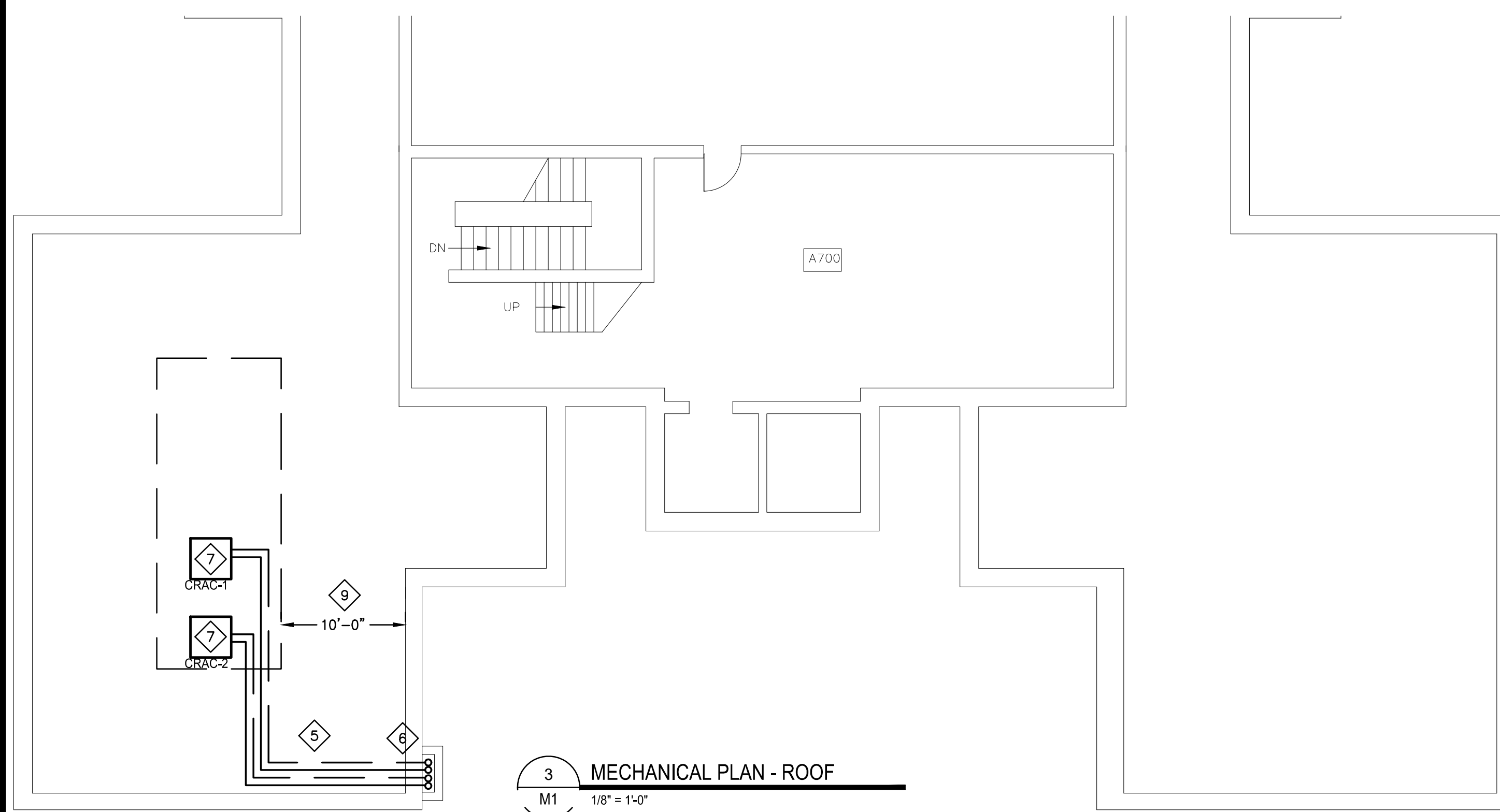


1 MECHANICAL PLAN - FIFTH FLOOR  
M1 1/8" = 1'-0"



2 MECHANICAL PLAN - SIXTH FLOOR  
M1 1/8" = 1'-0"



3 MECHANICAL PLAN - ROOF  
M1 1/8" = 1'-0"

- NOTES:**
- 1 CONTRACTOR SHALL DEMOLISH EXISTING COOLING UNIT AND ASSOCIATED PIPING IN ROOM C502. THE EXISTING CONDENSATE DRAIN SHALL REMAIN AND BE REUSED.
  - 2 CONNECT NEW CONDENSATE DRAIN TO EXISTING. CONTRACTOR SHALL VERIFY EXACT LOCATION
  - 3 CONTRACTOR SHALL PATCH WITH FIRE-STOP BARRIER THE ROOTING OF REFRIGERANT PIPING AS CODE REQUIRED
  - 4 REFRIGERANT PIPING TO NEW INDOOR UNIT. COORDINATE ROUTING WITH DUCTWORK AND PIPING
  - 5 PROVIDE PIPE SUPPORTS FOR ALL ROOF MOUNTED PIPING. REFER TO SPECS FOR ADDITIONAL INFORMATION.
  - 6 SEAL NEW PENETRATIONS INTO PIPE BOX
  - 7 CONTRACTOR SHALL PROVIDE NEW CONDENSING UNITS AND PROVIDE ROOFCURB ADAPTOR IF NECESSARY. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION
  - 8 CONTRACTOR SHALL PROVIDE NEW INDOOR COOLING UNIT. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION.
  - 9 ALL NEW EQUIPMENT SHALL BE INSTALLED A MINIMUM OF 10'-0" AWAY FROM EDGES

| COMPUTER ROOM AIR CONDITIONER       |                                      |
|-------------------------------------|--------------------------------------|
| UNIT                                | CRAC                                 |
| SERVICE                             | C502                                 |
| MANUFACTURER                        | SCHNEIDER ELECTRIC                   |
| MODEL                               | ACRD301 (INDOOR) - ACCU301 (OUTDOOR) |
| STYLE                               | INROW DX                             |
| RETURN A/C (DB/WB)                  | -                                    |
| TOTAL MBH                           | -                                    |
| SENSIBLE MBH AT 95°F                | 92.4 MBH / 27 KW                     |
| FAN SELECTION AIR VOLUME (CFM)      | 3,200                                |
| FAN SELECTION MOTOR (HP)            | -                                    |
| EVAPORATOR COIL FACE AREA (SQFT)    | 5.49                                 |
| EVAPORATOR COIL ROWS                | 3                                    |
| EVAPORATOR COIL FACE VELOCITY (FPM) | -                                    |
| FILTER SECTION SIZE                 | REAR RETURN                          |
| FILTER EFFICIENCY                   | 0.5" MERV 1                          |
| CONDENSER TYPE                      | -                                    |
| CONDENSER MODEL                     | -                                    |
| AIRFLOW (CFM)                       | -                                    |
| NOTES:                              | 1.                                   |



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CONSULTING ENGINEERS

ERICKSEN ELLISON AND ASSOCIATES INC.

**CERTIFICATION**  
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am duly Licensed Professional Engineer under the laws of the State of Minnesota  
MATTHEW E. ARMSTEAD  
Print Name

Signature  
Date: XX/XX/2013 License # 46694

| REVISIONS |      |              |
|-----------|------|--------------|
| No.       | Date | Descriptions |
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PROJECT  
LA CROSSE CITY  
DATA CENTER

Proj No. 7137-00  
Drawn By : JVM  
Designed By : MEA  
Date : 09/20/2024

SHEET TITLE  
MECHANICAL PLANS  
5TH, 6TH AND ROOF LEVELS

SHEET  
**M1**