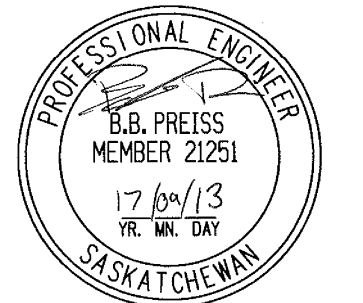
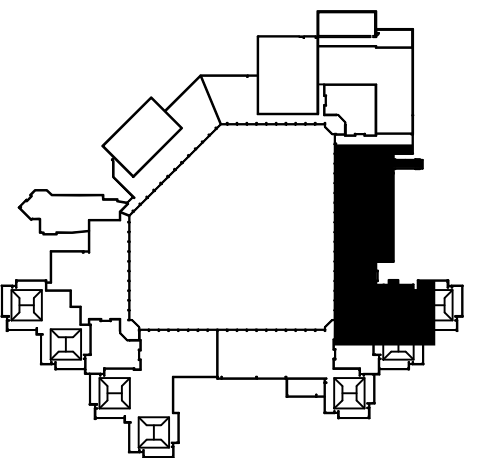




KEY PLAN



Association of Professional Engineers & Geoscientists
of Saskatchewan
CERTIFICATE OF AUTHORIZATION
WSP Canada Inc.
Number **C0868**
Permission to Consult held by:
Discipline **MECHANICAL** 9159

**PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA**

SASKATOON SASKATCHEWAN

project title
**SASKATOON, SK
REGIONAL PSYCHIATRIC CENTRE
ROOFTOP AIR HANDLING
UNITS REPLACMENT**

approved by

BND

designed by

BP

drawn by

ML/MB

PWGSC Project Manager

PWGSC, Architectural and Engineering Resources Manager

Client

CORRECTIONAL SERVICE CANADA

drawing title

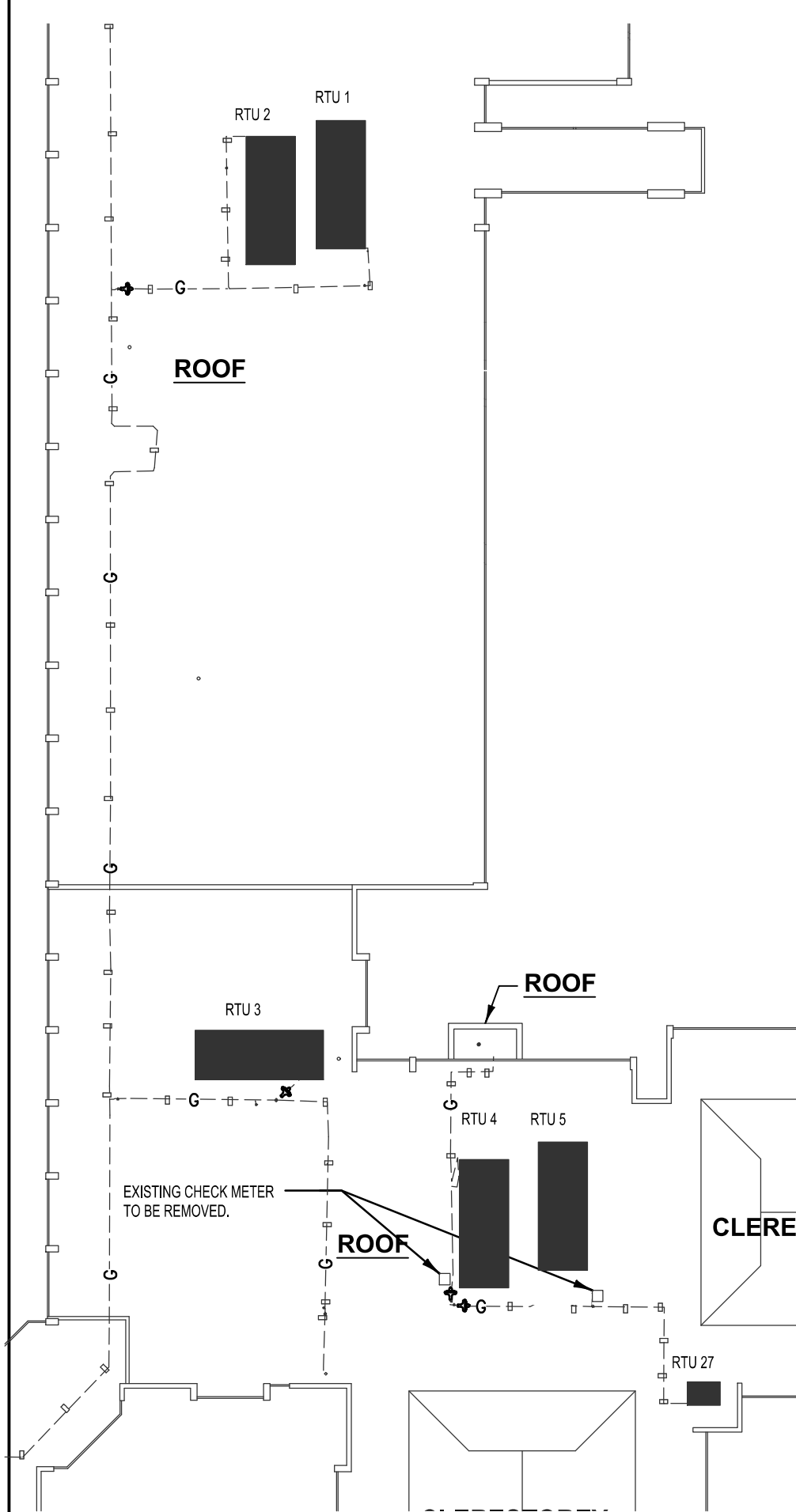
MECHANICAL

**ROOFTOP UNIT
PLANS & SECTIONS**

project no.
R.079699.001

sheet
M2.1

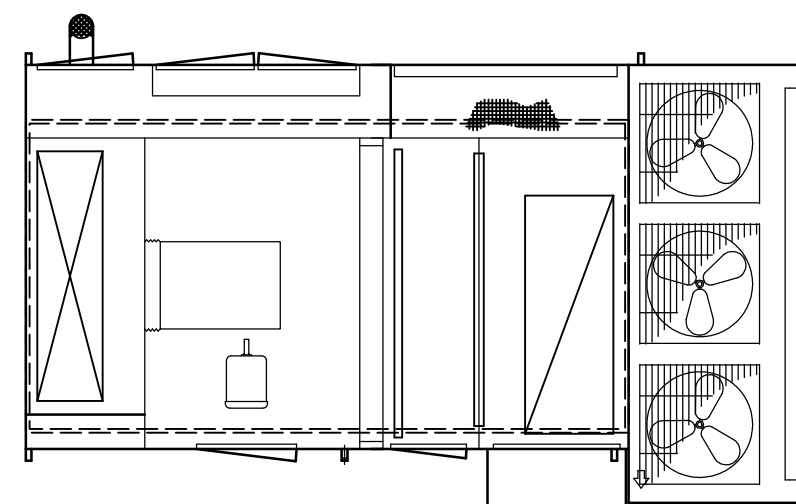
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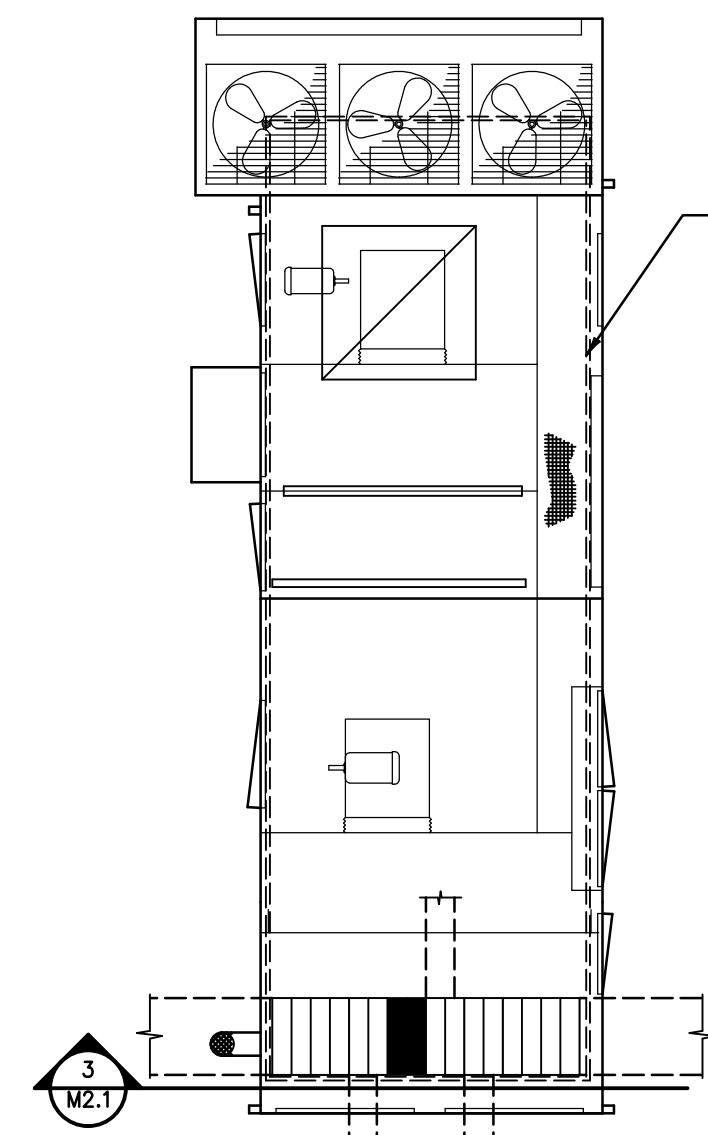
1 PARTIAL ROOF PLAN
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NOTES:

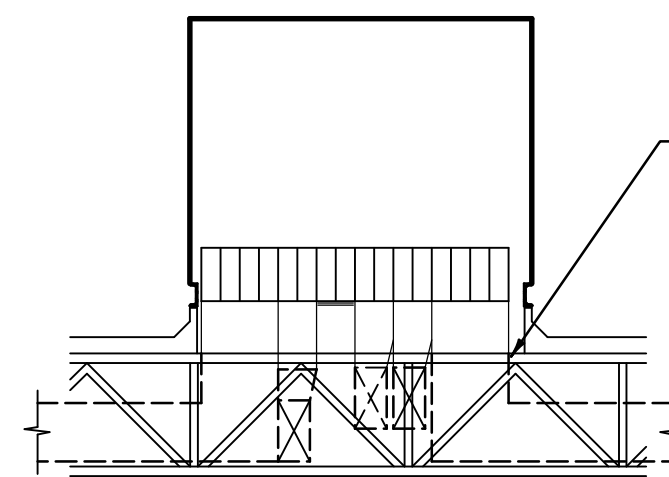
- ALL EXISTING ROOFTOP UNIT ROOF CURBS TO REMAIN. NEW REPLACEMENT ROOFTOP UNITS SHALL BE MANUFACTURED TO BE MOUNTED ON EXISTING CURBS. VERIFY DIMENSIONS OF CURBS AND ROOF OPENINGS PRIOR TO ORDERING UNITS. SUPPLY TRANSITION CURBS AS REQUIRED. MAXIMUM HEIGHT OF CURB SHALL BE 600mm.
- ALL DISTRIBUTION DUCTWORK SHALL REMAIN AS IS UNLESS NOTED OTHERWISE IN CONTRACT DOCUMENTS. EXISTING SUPPLY AND RETURN DUCTWORK TO BE DISCONNECTED FROM EXISTING ROOFTOP UNITS. VERIFY ALL ZONE DUCTWORK SIZES AND QUANTITIES BEFORE ORDERING NEW UNITS. RECONNECT ALL SUPPLY AND RETURN DUCTWORK TO NEW ROOFTOP UNITS ONCE INSTALLED. MAKE ALL MODIFICATIONS REQUIRED BY SITE CONDITIONS TO MAKE CONNECTIONS.
- DISCONNECT ALL NATURAL GAS, ELECTRICAL AND CONTROL WIRING. RECONNECT ALL UTILITIES INCLUDING CONTROLS TO NEW UNITS. ENSURE NEW UNIT CONTROL COMPONENTS ARE COMPATIBLE WITH THE EXISTING BUILDING CONTROL SYSTEM.
- DISCHARGE HEAD OF ALL MULTI-ZONE UNITS TO HAVE THE SAME SIZE AND NUMBER OF DISCHARGE OPENINGS AS THE EXISTING. UNLESS NOTED OTHERWISE IN CONTRACT DOCUMENTS. CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTION AND RECONNECTION OF MS DAMPERS TO MATCH AND MAINTAIN EXISTING ZONES.
- RTU 27 REPLACEMENT UNIT TO MATCH EXISTING UNIT CAPACITIES. PROVIDE TRANSITION CURB AS REQUIRED TO RE-USE EXISTING CURB AND ROOF OPENINGS.



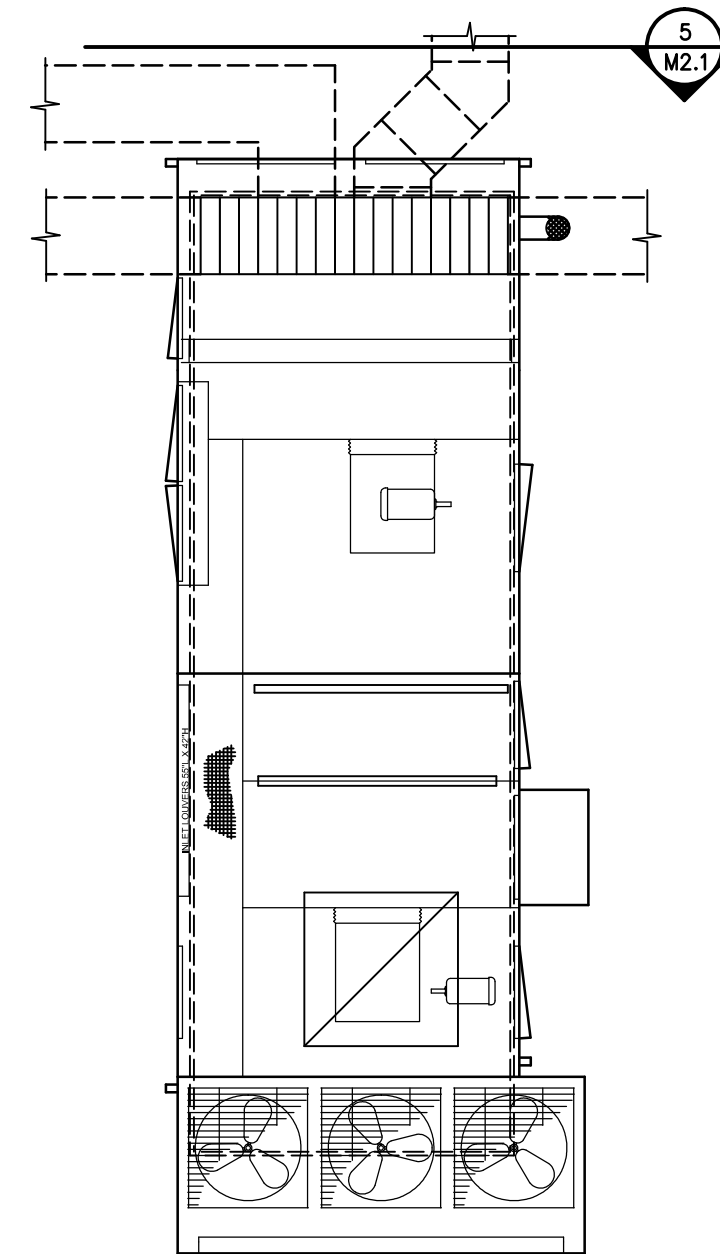
6 RTU 3 PLAN-SINGLE ZONE
1:50



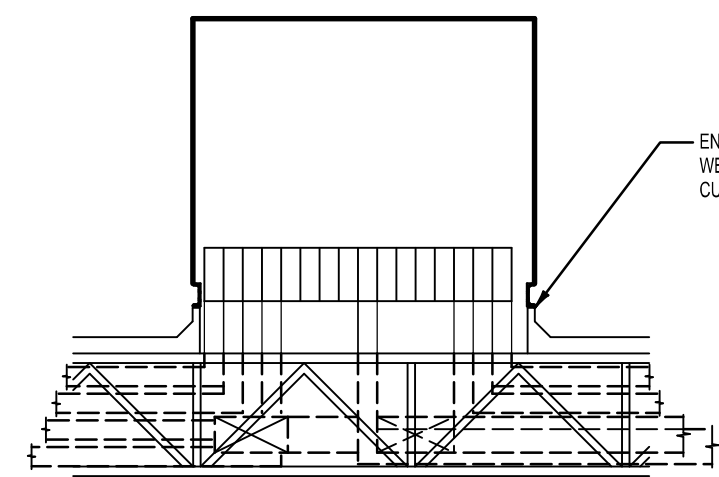
2 RTU 1 PLAN-MULTIZONE
1:50



3 RTU 1 SECTION
1:50



4 RTU 2 PLAN-MULTIZONE
1:50



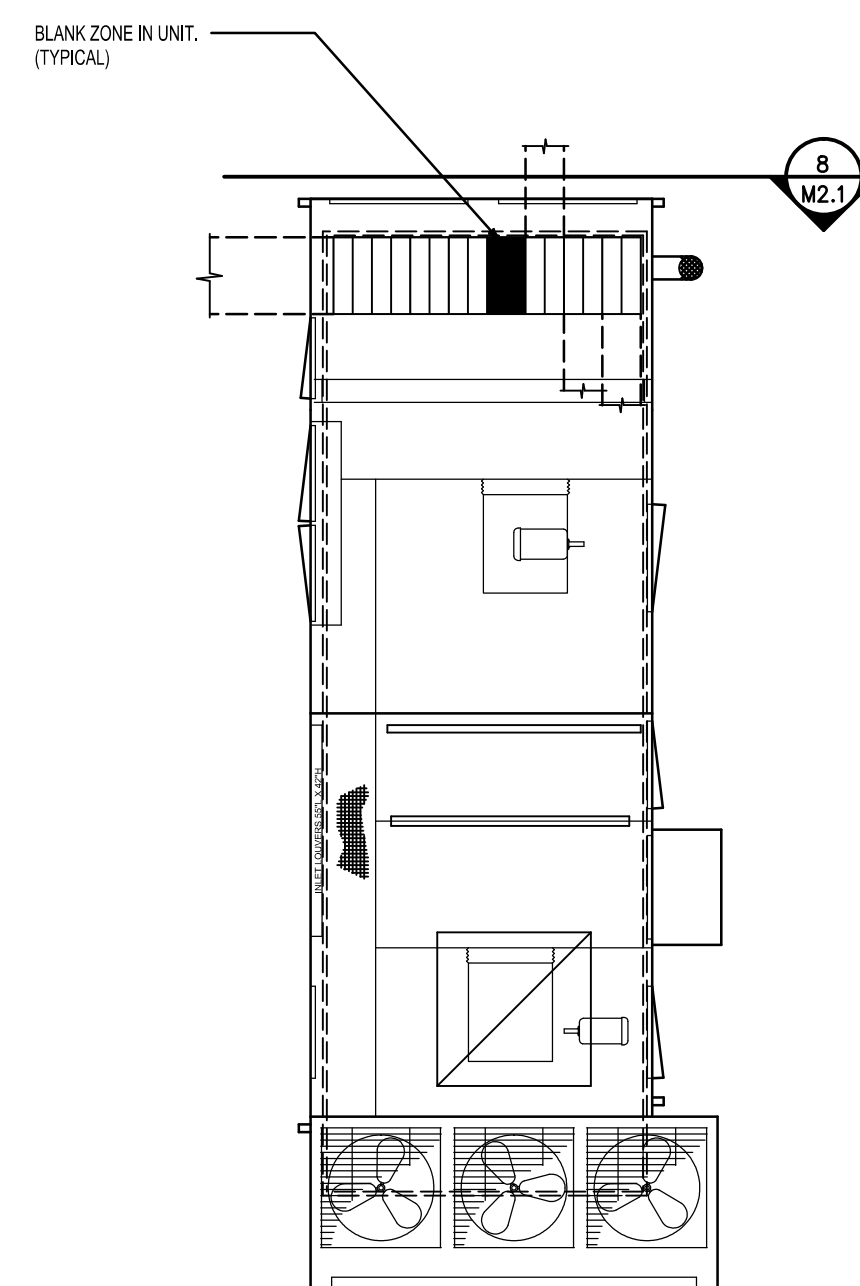
5 RTU 2 SECTION
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NOTE:

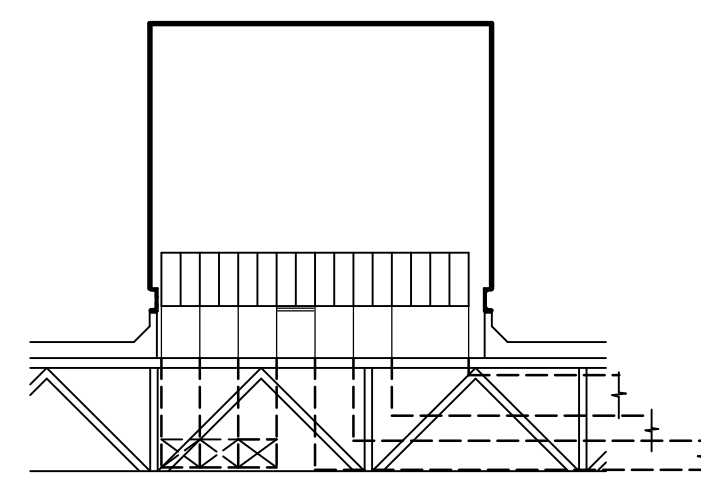
THIS DRAWING IS DUPLICATED FROM A SET OF RECORD DRAWINGS DATED SEPTEMBER 2000. ANY REVISIONS SINCE THIS DATE ARE NOT NECESSARILY INDICATED ON THESE DRAWINGS.

MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM DUCT CONNECTIONS TO ZONE DAMPERS IN UNITS. NEW UNITS SHALL MATCH EXISTING UNIT ZONE DAMPER QUANTITY AND LOCATIONS UNLESS INDICATED OTHERWISE.

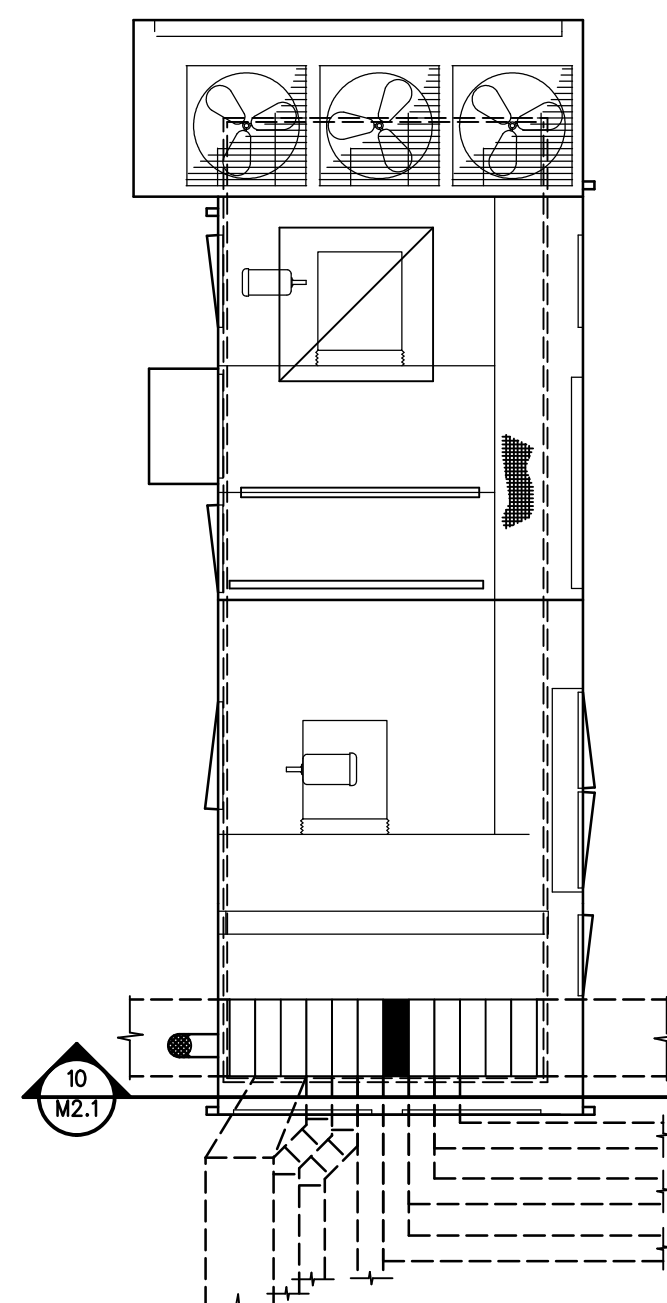
FIELD LOCATE AND VERIFY EXISTING SERVICES BEFORE INSTALLATION.



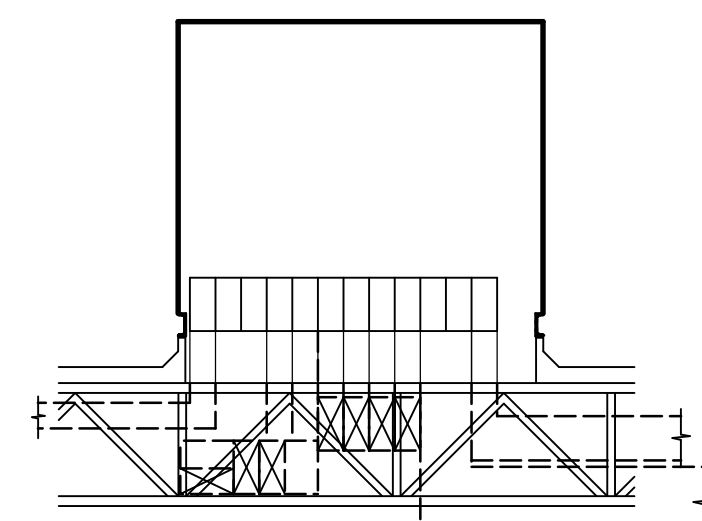
7 RTU 4 PLAN-MULTIZONE
1:50



8 RTU 4 SECTION
1:50



9 RTU 5 PLAN-MULTIZONE
1:50



10 RTU 5 SECTION
1:50