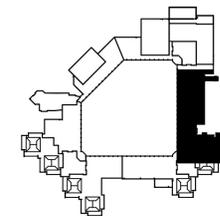




KEY PLAN



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

0	ISSUED FOR TENDER	17/09/13
revisions	description	date

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

SASKATOON SASKATCHEWAN

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

approved by

BND

designed by

BP

drawn by

ML/MB

PWSSC Project Manager

PWSSC Architectural and Engineering Resources Manager

client

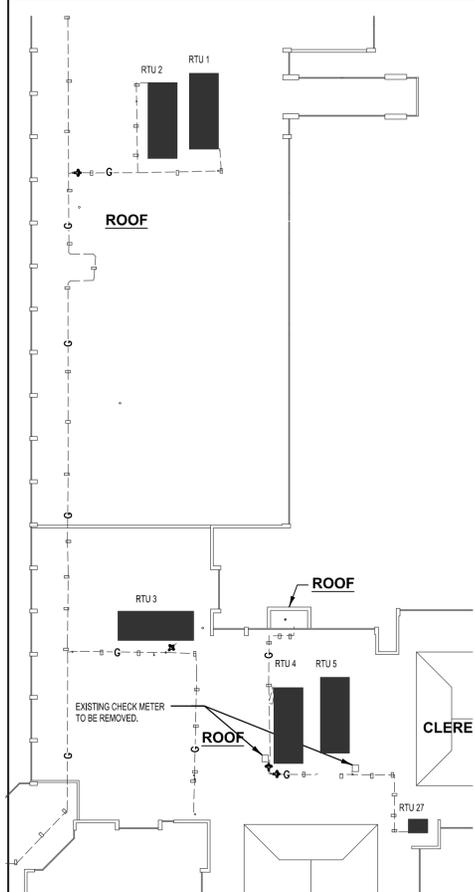
CORRECTIONAL SERVICE CANADA

drawing title

MECHANICAL

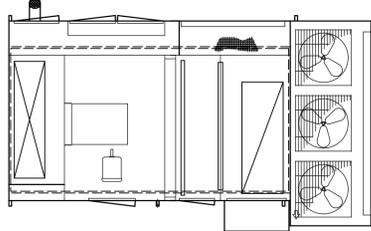
ROOFTOP UNIT PLANS & SECTIONS

project no.	sheet	revision no.
R.079699.001	M2.1	0

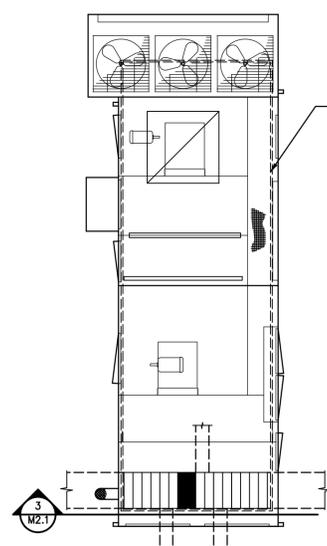


1 PARTIAL ROOF PLAN
1:200

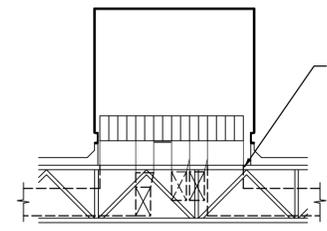
- NOTES:
- ALL EXISTING ROOFTOP UNIT ROOF CURBS TO REMAIN. NEW REPLACEMENT ROOFTOP UNITS SHALL BE MANUFACTURED TO BE MOUNTED ON EXISTING CURBS. VERIFY DIMENSIONS OF CURBS AND ROOF OPENINGS PRIOR TO ORDERING UNITS. SUPPLY TRANSITION CURBS AS REQUIRED. MAXIMUM HEIGHT OF CURB SHALL BE 600mm.
 - ALL DISTRIBUTION 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.



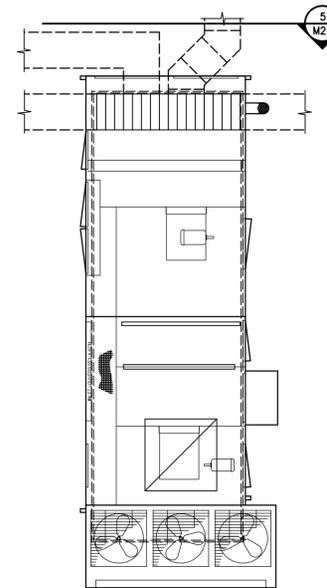
6 RTU 3 PLAN-SINGLE ZONE
1:50



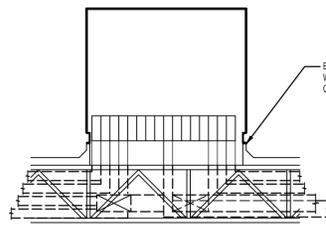
2 RTU 1 PLAN-MULTIZONE
1:50



3 RTU 1 SECTION
1:50

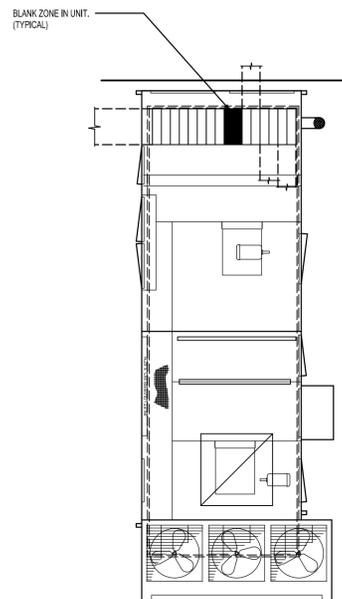


4 RTU 2 PLAN-MULTIZONE
1:50

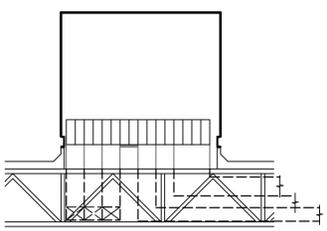


5 RTU 2 SECTION
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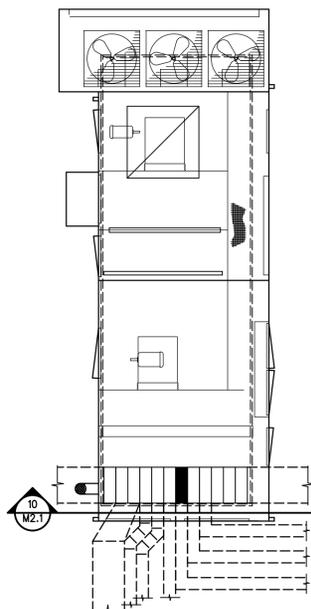
NOTE:
 THIS DRAWING IS DUPLICATED FROM A SET OF RECORD DRAWINGS DATED SEPTEMBER 2009. ANY REVISIONS SINCE THIS DATE ARE NOT NECESSARILY INDICATED ON THESE DRAWINGS.
 MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM DUCT CONNECTIONS TO ZONE DAMPERS IN UNITS. NEW UNITS SHALL MATCH EXISTING UNIT ZONE DAMPER QUANTITY AND LOCATIONS UNLESS INDICATED OTHERWISE.
 FIELD LOCATE AND VERIFY EXISTING SERVICES BEFORE INSTALLATION.



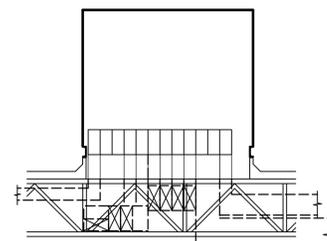
7 RTU 4 PLAN-MULTIZONE
1:50



8 RTU 4 SECTION
1:50



9 RTU 5 PLAN-MULTIZONE
1:50



10 RTU 5 SECTION
1:50

