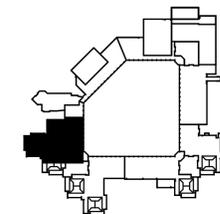




KEY PLAN



Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
WSP Canada Inc.
Number C0688
Permission to Consult held by:
Discipline: MECHANICAL, Reg. No. 9159

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

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
SASKATOON SASKATCHEWAN

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

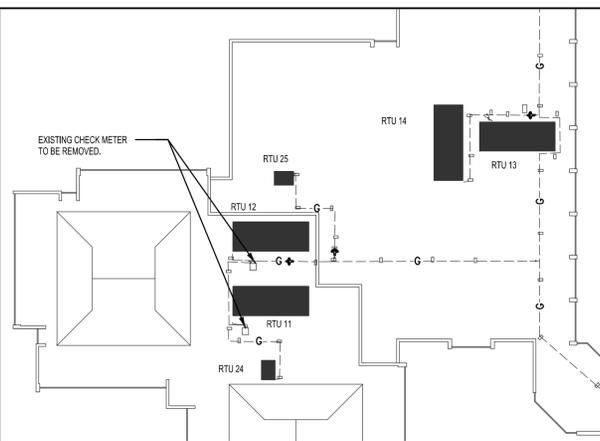
approved by: **BND**
designed by: **BP**
drawn by: **ML/MB**
PWGSC Project Manager

PWGSC, Architectural and Engineering Resources Manager

Client: **CORRECTIONAL SERVICE CANADA**

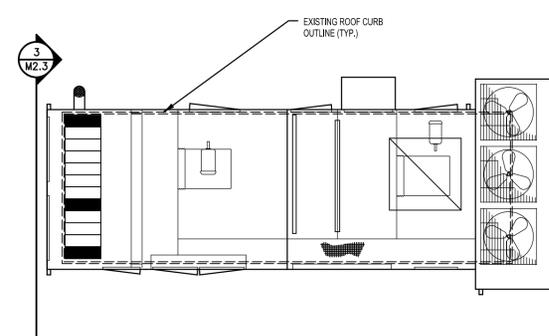
drawing title: **MECHANICAL**
ROOFTOP UNIT PLANS & SECTIONS

project no.	sheet	revision no.
R.079699.001	M2.3	0

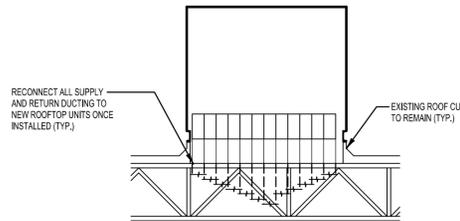


1 PARTIAL ROOF PLAN
1: 200

- 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. CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTION AND RECONNECTION OF MB DAMPERS TO MATCH AND MAINTAIN EXISTING ZONES.
 - RTU 24 AND RTU 25 REPLACEMENT UNITS TO MATCH EXISTING UNITS CAPACITIES. PROVIDE TRANSITION CURBS AS REQUIRED TO RE-USE EXISTING CURB AND ROOF OPENINGS.

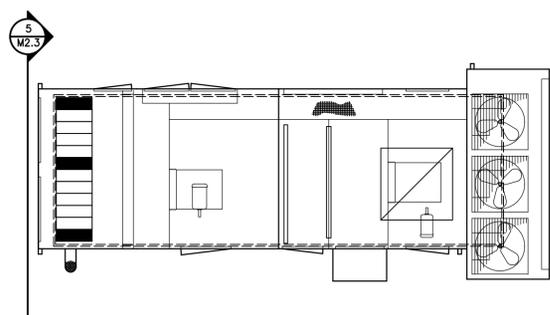


2 RTU 11 PLAN-MULTIZONE
1: 50

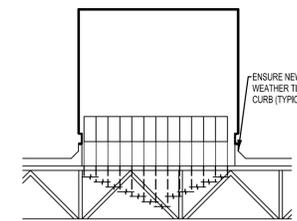


3 RTU 11 SECTION
1: 50

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.

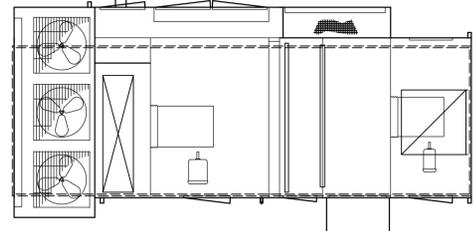


4 RTU 12 PLAN-MULTIZONE
1: 50

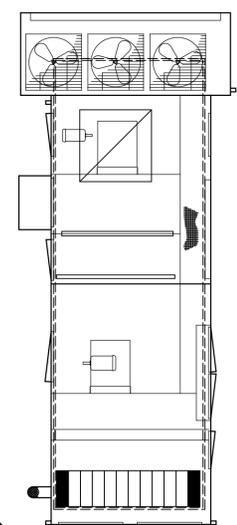


5 RTU 12 SECTION
1: 50

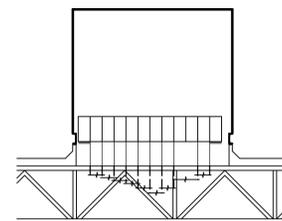
ENSURE NEW UNIT IS SEALED WEATHER TIGHT TO EXISTING CURB (TYPICAL)



6 RTU 13 PLAN-SINGLE ZONE
1: 50



7 RTU 14 PLAN-MULTIZONE
1: 50



8 RTU 14 SECTION
1: 50

