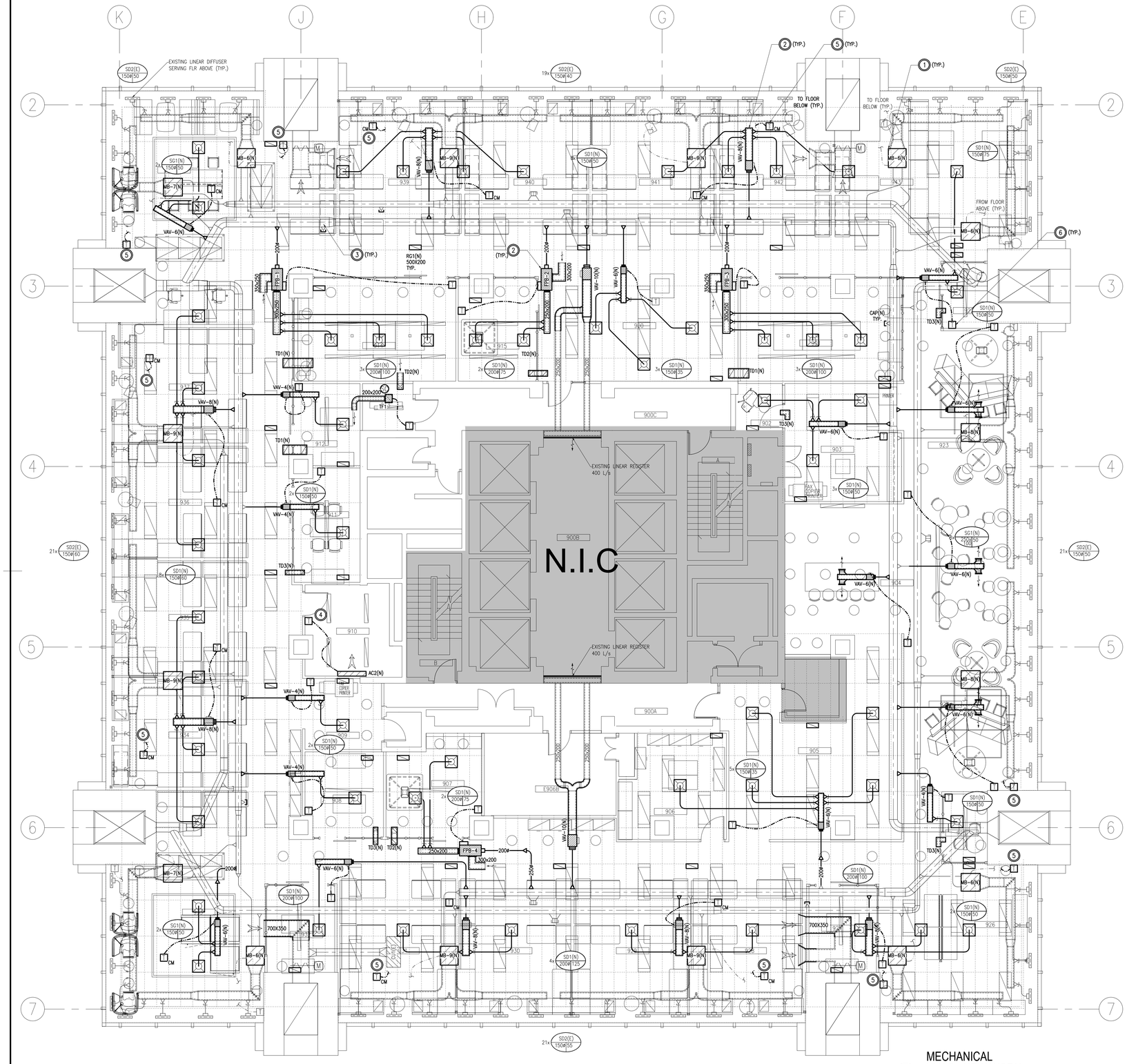


1 M302 MECHANICAL HVAC - NEW WORK 1:75

MECHANICAL DRAWING NOTES

1. PROVIDE NEW MIXING BOX (MB) AND INSTALL AT PREVIOUS LOCATION. RE-CONNECT WIRING AS REQUIRED.
2. PROVIDE NEW VAV BOX, FAN POWERED BOX (FPB) C/W ACCESSORIES, DIFFUSERS, GRILLES, TRANSFER DUCT & DUCTWORK AS INDICATED.
3. CAP REDUNDANT TAKE-OFFS AS INDICATED. REPAIR ANY DAMAGED THERMAL INSULATION.
4. PROVIDE NEW TEMPERATURE SENSOR C/W WIRING TO AC2 (PROVIDED BY PLUMBING) AS INDICATED.
5. RELOCATE EXISTING AND PROVIDE NEW TEMPERATURE SENSOR AS INDICATED IN PERIMETER ZONE. EXTEND WIRING & RE-CONNECT TO MIXING BOX IN CEILING SPACE OF FLOOR BELOW AS REQUIRED.
6. PROVIDE NEW TEMPERATURE SENSOR C/W WIRING TO VAV & FPB AS INDICATED.

TRANSFER DUCT SCHEDULE

UNIT NO.	WIDTH (mm)	HEIGHT (mm)	REMARKS
TD1	400	250	–
TD2	250	250	–
TD3	200	150	–

VAV UNIT SCHEDULE

UNIT NO.	MAX. FLOW (L/s)	MIN. FLOW (L/s)	INLET DIAMETER (mm)	OUTLET SIZE (mm)	REMARKS
VAV4	75	25	100	200x200	–
VAV6	150	30	150	300x200	–
VAV8	300	60	200	300x250	–
VAV10	375	100	250	350X300	–

NOTES: 1. FOR DETAILS REFER TO SPECIFICATIONS.

Canada

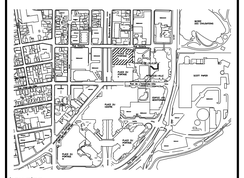
Public Works and Government Services Canada / Travaux publics et services gouvernementaux Canada
Real Property Branch / Direction générale des biens immobiliers

Goodkey Weedmark Consulting Engineers
GOODKEY WEEDMARK & ASSOCIATES LIMITED
1688 Woodward Dr.
Ottawa Ontario
Canada K2C 3R8
GWAL PROJECT # 2017-446-1

N

seal/sceau

INGÉNIEUR · ENGINEER Eric Perusse 127228 QUÉBEC



key plan
plan repère

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative.

revisions	description	date
5	RE - ISSUED FOR TENDER	2021-01-08
4	RE - ISSUED FOR TENDER	2020-03-12
3	ISSUED FOR TENDER	2019-12-04
2	ISSUED FOR 99% REVIEW	2019-05-07
1	ISSUED FOR 66% REVIEW	2019-04-23

A detail no. / no. du détail
B location drawing no. / sur dessin no.
C drawing no. / dessin no.

project / projet
PSPC SWING SPACE
9TH FLOOR

PDP1 , 50 RUE VICTORIA

drawing / dessin
MECHANICAL
9TH FLOOR
HVAC
NEW WORK

Designed By / Conçu par	S.HAMILITION / J.CHENG	
Date	JAN 2021	(yyyy/mm/dd)
Drawn By / Dessiné par	J.CHENG / P.AZDAJIC	
Date	JAN 2021	(yyyy/mm/dd)
Reviewed By / Examiné par	S.HAMILITION	
Date	JAN 2021	(yyyy/mm/dd)
Approved By / Approuvé par	S.HAMILITION	
Date	JAN 2021	(yyyy/mm/dd)
Tender / Soumission	FRANK RADKE	
Project Manager / Administrateur de projets		

Project no. / No. du projet: R.097053

Drawing no. / No. du dessin: M302

PWGSC B1 (1000 x 707)