

Date: November 8, 2023

(6 pages)

Addendum No. 2

Bid Call No. T2023-301

**ROOF TOP UNITS AND HOT WATER TANK REPLACEMENT AT BRAMPTON
PROVINCIAL OFFENCES COURT**

This Addendum is part of the Bid/Proposal Document.

1. Pertaining to Part E Specifications and Drawings

Refer to the attached Consultant's Addendum (3 pages).

2. Pertaining to Online Bid Form – Base Price

DELETE "Substantial Performance of Work shall be by June 28, 2024".
REPLACE with "Substantial Performance of Work shall be by August 2, 2024".

3. Questions and Answers

Question 1:

Are the existing isolation rails to be reused? If unit requires a curb adaptor will the isolation rails need to be replaced?

Answer 1:

The existing rooftop curb is to be reused. If an adapter curb is required, it will sit on top of the existing rooftop curb.

Question 2:

JCI lead time is currently 20 weeks from date of order for a majority of the specified equipment, not including holidays upcoming. This will likely put the unit lead time closer to 25 weeks, dependent on date of award the substantial completion date may be in question, will alternate manufacturers be accepted for a reduced lead time, if the delivery is delayed will the substantial deadline be revised?

Answer 2:

The Substantial date can be adjusted if sufficient evidence is provided in terms of the preferred specified equipment. Alternate manufacturers will be considered under the discretion of the consultant and owner. If an alternate RTU is chosen, that does not match the sizing of the proposed units, the contractor is responsible to make all necessary revisions at no additional cost. (Including but not limited to the roof, roofing membrane and roofing structure).

Question 3:

Can Ainsworth provide an approximate control down time per unit to allow for more accurate scheduling? With all units needing to be back online and in operation during regular business hours, this will help determine the amount of weekend work required.

Answer 3:

The contractor is responsible to coordinate all scheduling with their sub-trades including Ainsworth and ensure the sub-trades adhere to the required scheduling. All resources and controls provisions must be accounted to ensure the existing controls integrate with the new rooftop units. The City of Brampton and/or its authorized representatives are not in a position to comment on behalf of the required sub-trades. This coordination must be undertaken directly by the contractor.

All other terms & conditions remain unchanged.

If you have any questions, please do not hesitate to contact the undersigned.

Bidders are required to acknowledge all Addenda.

Colin Zeng

Senior Buyer

Ph: (905) 874-2280

Email: colin.zeng@brampton.ca

ADDENDUM

PROJECT NAME: **REPLACEMENT OF ROOFTOP UNITS – POA COURTHOUSE**
5 RAY LAWSON BOULEVARD, BRAMPTON, ON

COMPANY: **ALL BIDDERS**

ATTENTION: **ALL BIDDERS**

PROJECT NO.: **21344.002.M.001** DATE: **2023-11-07**

ADDENDUM NO.: **M-02** ISSUED BY: **Chris Pappas**

The following amendments are hereby made as part of the Contract Documents. The following revisions and/or additions shall be made to contract documents and the cost shall be included in the Tender Price.

1.0 DRAWINGS

1.1 Refer to Drawing M-800 and M-801 – CONTROLS SCHEMATIC (attached herein)

1.1.1 Replace existing Drawings M-800 and M-801 with attached drawings. Changes to controls points made to drawings.

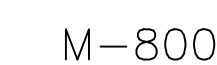
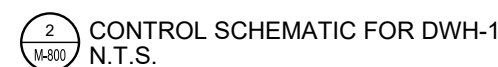
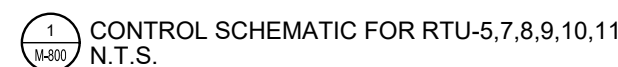
2.0 SPECIFICATION

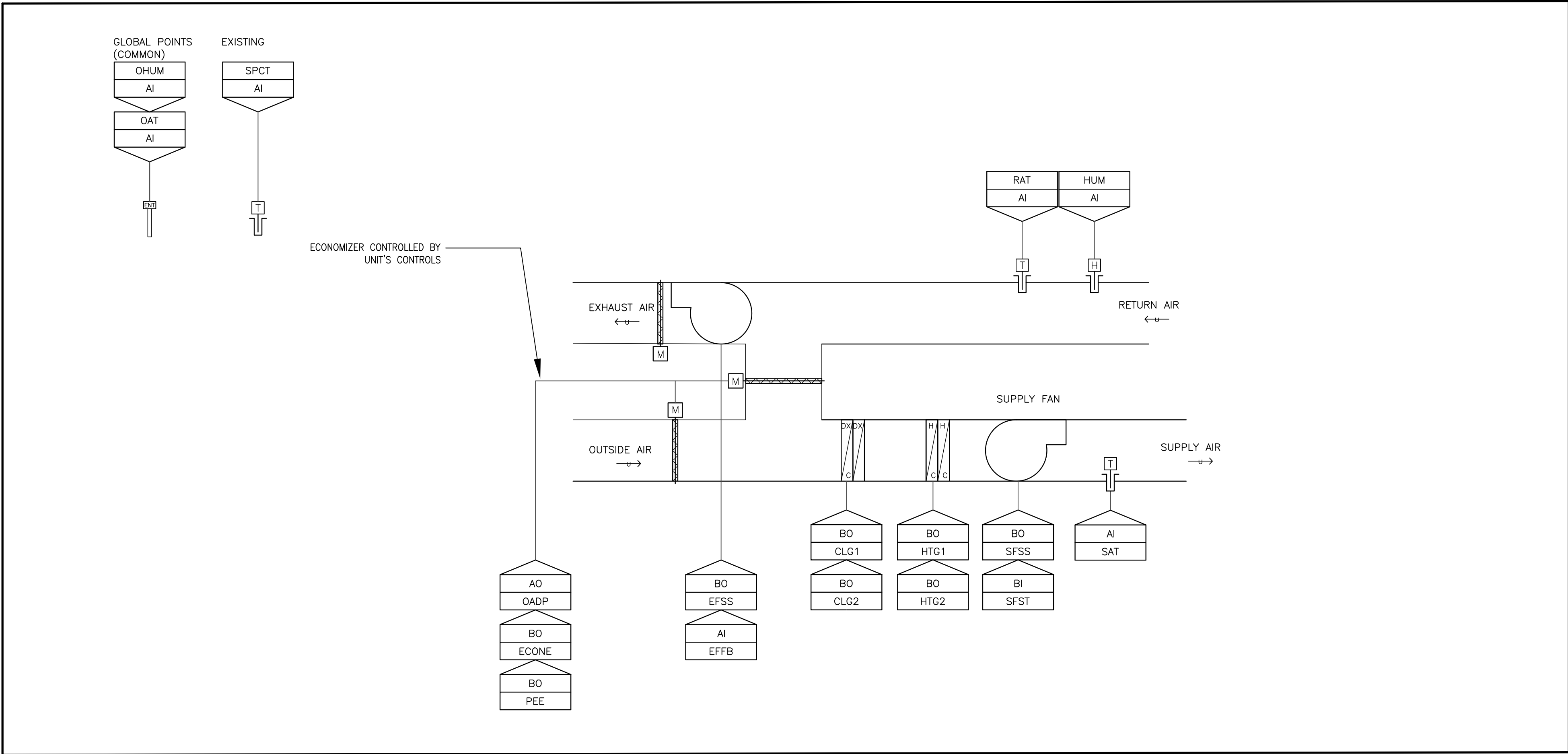
2.1 Refer to Specification Section 23 09 23.00

2.1.1 Delete Item 3.1.1.3

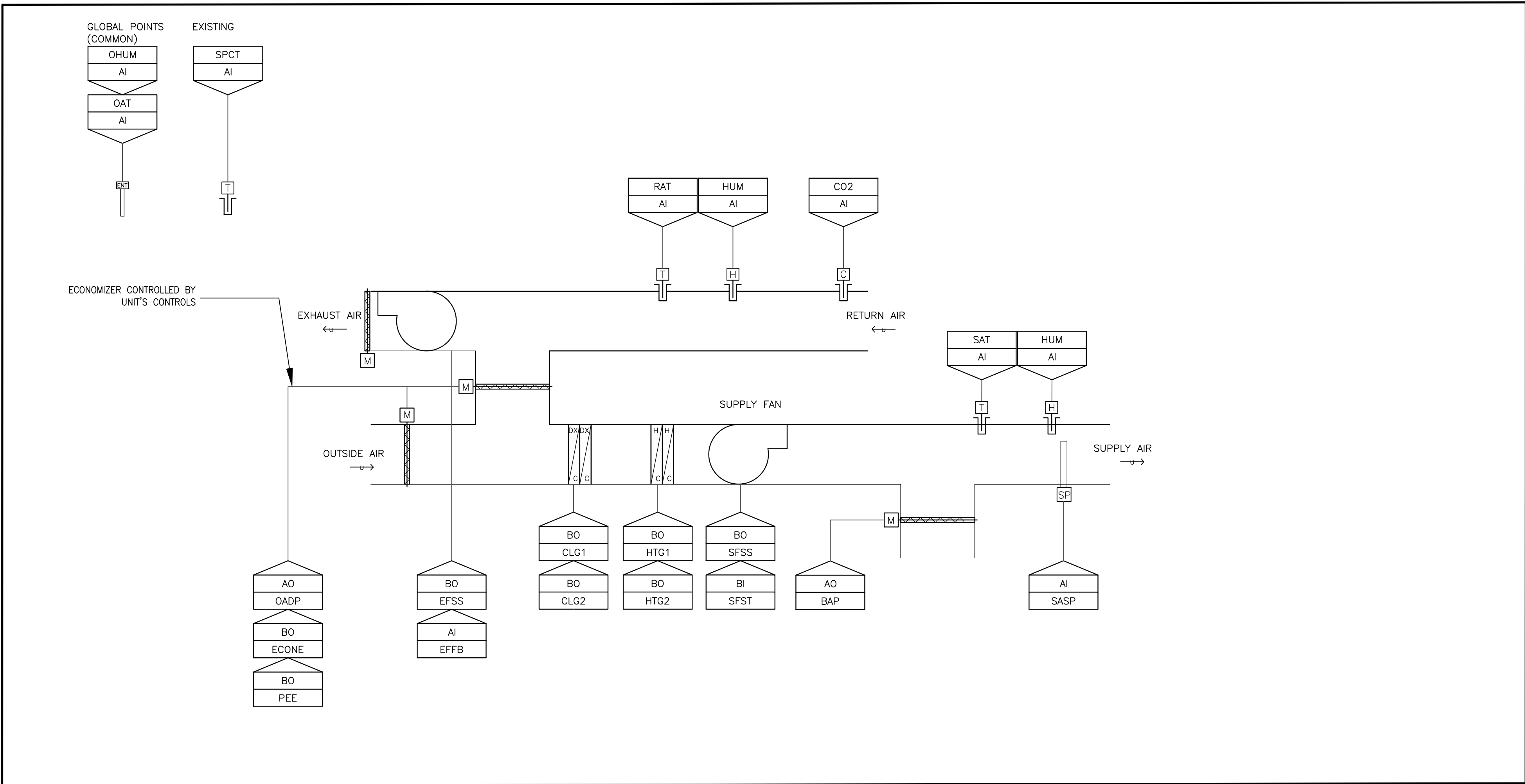
2.1.2 Delete Item 3.2.6.6

END OF MECHANICAL ADDENDUM

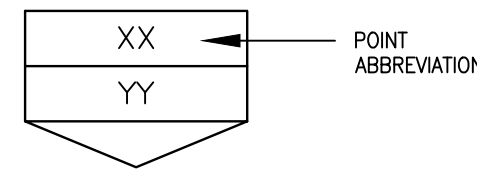




1 CONTROL SCHEMATIC FOR RTU-1,4,6

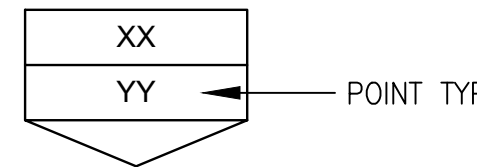


2 CONTROL SCHEMATIC FOR RTU-2,3,12



POINT ABBREVIATION

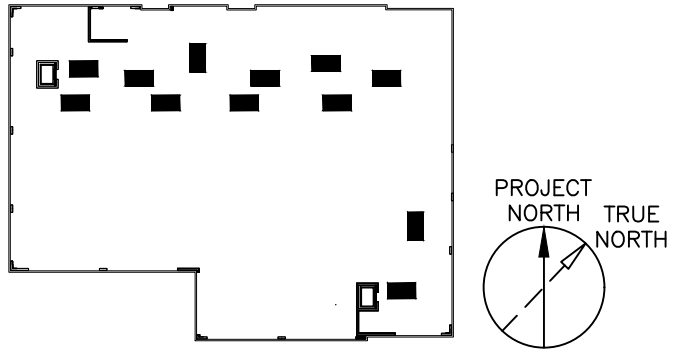
POINT TYPE	DESCRIPTION
AI	ANALOG INPUT
AO	ANALOG OUTPUT
BI	BINARY INPUT
BO	BINARY OUTPUT
PI	PULSE INPUT



POINT TYPE

POINT TYPE	DESCRIPTION
SFSS	SUPPLY FAN START/STOP
SPSP	SUPPLY AIR STATIC PRESSURE
SFST	SUPPLY FAN STATUS
SAT	SUPPLY AIR TEMPERATURE
DWHT	WATER HEATER TEMPERATURE
DWHSP	WATER HEATER SETPOINT
DWHST	WATER HEATER STATUS
RCPST	RECIRC PUMP STATUS
RCPPSS	RECIRC PUMP START/STOP
CLGSTG-1	STAGE 1 COOLING STATUS
CLGSTG-2	STAGE 2 COOLING STATUS
HTGSTG-1	STAGE 1 HEATING STATUS
HTGSTG-2	STAGE 2 HEATING STATUS
BD	BYPASS DAMPER
EFSS	EXHAUST FAN START/STOP
CO2	CARBON DIOXIDE
HUM	HUMIDITY
RAT	RETURN AIR TEMPERATURE
ECOS	ECONOMISER ON/OFF
ECOP	ECONOMISER TEMP SETPOINT
OADP	OUTSIDE AIR DAMPER SETPOINT
EFFB	EXHAUST FAN FEEDBACK
SFFB	SUPPLY FAN FEEDBACK
OAT	OUTDOOR AIR TEMPERATURE
OHUM	OUTDOOR HUMIDITY
ECONE	ECONOMISER ENABLE
PEE	POWER EXHAUST ENABLE
SPCT	SPACE TEMPERATURE

CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL AUTHORIZED IN WRITING BY CONSULTANT.



KEY PLAN

NO.	DATE	DESCRIPTION
1	2023.06.30	ISSUED FOR CLIENT REVIEW
2	2023.08.02	ISSUED FOR TENDER
3	2023.11.03	ISSUED FOR ADDENDUM NO.2

PROJECT CONTACT

NAME: TONY YING

TEL: 647-475-3957

EMAIL: tony.ying@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MECHANICAL SPECIFICATION SUBMITTED FOR THIS PROJECT.



Smith + Andersen

1100 - 100 Sheppard Ave. East, Toronto On, M2N 6N5
416 487 8151 f 416 487 9104 www.smithandandersen.com

SEAL:

OWNER:



PROJECT:
REPLACEMENT OF ROOF
TOP UNITS- POA
COURTHOUSE

5 RAY LAWSON BOULEVARD
BRAMPTON, ONTARIO
CITY OF BRAMPTON

SHEET TITLE:

CONTROL SCHEMATIC

PROJECT NUMBER:
21344.002.M.002

DRAWING SCALE:

N.T.S.

DRAWN BY: TY
CHECKED BY: CP
PLOT DATE: 2023-05-10

SHEET NO:

M-801