

#### GENERAL NOTES

- 1. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXTENT OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING ANY QUOTATION.
- 2. ANY DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS AND/OR EXISTING CONDITIONS ARE TO BE REFERRED TO CONSULTANT FOR INSTRUCTIONS BEFORE ANY WORK
- 5. CONTRACTOR TO COORDINATE WORK ON SITE WITH EXISTING/ NEW MECHANICAL AND ELECTRICAL SERVICES. 4. WHERE DUCTWORK, PIPING AND EQUIPMENT IS INDICATED TO BE REMOVED, REMOVE ALL
- ASSOCIATED DUCT/PIPE HANGERS, VALVES, DAMPERS, ETC. 5. PROVIDE ALL REQUIRED CUTTING AND PATCHING OF EXISTING DRYWALL CEILING TO FACILITATE REMOVAL OF MECHANICAL AND ELECTRICAL SERVICES OUTLINED IN SCOPE OF
- 6. ENSURE THAT ALL MECHANICAL EQUIPMENT REQUIRING MAINTENANCE IS ACCESSIBLE.
  REPORT ANY OBSTRUCTIONS TO THE PROJECT MANAGER AND ENGINEER, PROVIDE ACCESS
- PANELS/DOORS AS REQUIRED. '. ALL REDUNDANT AND OBSOLETE OPENINGS IN SLAB SHALL BE FIRE STOPPED, SEALED,
- B. CONTROLS CONTRACTOR SHALL SAFELY AND CAREFULLY REMOVE EXISTING SPACE TEMPERATURE SENSORS AND RETURN TO OWNER FOR SPARE PARTS. REMOVAL OF SPACE TEMPERATURE SENSORS SHALL BE DONE BY CONTROLS CONTRACTOR ONLY, NOT BY ANY OTHER TRADERS. ALL OTHER EXISTING CONTROLS (CONTROLLERS, CONTROL VALVES, ETC) SHALL BE DEMOLISHED AND REMOVED FROM SITE.

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- 9. INSTALLATION HEIGHT OF TEMPERATURE SENSORS SHALL BE 4'-0". EXACT LOCATION TO BE COORDINATED ON SITE WITH THE ARCHITECT. (TYPICAL FOR ALL)
- 10. PROVIDE TEMPORARY COVER ON ALL F/A DUCT, T/A DUCT, S/A DUCT OPENING DURING THE COURSE OF CONSTRUCTION. TO PREVENT DUST/ DEBRIS ACCUMULATION. THIS

INCLUDES ALL FLOOR DRAINS AND FAN COIL DRAIN PANS.

#### DRAWING NOTES

- NEW OUTDOOR AIR SUPPLY DUCT FROM FLOOR BELOW C/W FIRE DAMPER.
- NEW RETURN AIR TRANSFER DUCT. SIZE AS INDICATED. REFER TO DETAIL NO. 14/M-104 FOR DETAILS. (TYPICAL)

PROVIDE NEW FAN COIL UNIT IN CEILING SPACE C/W ASSOCIATED CONTROLS, HANGERS,

- SUPPORTS, ISOLATORS AND SUPPLY/RETURN AIR DUCTWORK. REFER TO DRAWING NO. M-101 & M-104 FOR SPECIFICATIONS & DETAILS. INSTALL UNIT TIGHT TO CEILING SLAB AS HIGH AS POSSIBLE. FAN COIL UNIT SHALL NOT BE INSTALLED BELOW CONCRETE BEAM.(TYPICAL)
- NEW OPEN-ENDED OUTDOOR AIR SUPPLY DUCT C/W BALANCING DAMPER. DUCT SHALL BE INDIRECTLY TERMINATED CLOSE TO RETURN AIR SIDE OF FAN COIL UNIT. BALANCE TO AIR QUANTITIES AS INDICATED. ALL FRESH AIR DUCT SHALL BE ROUND DUCT AS SHOWN. DAMPER SHALL BE LOCATED ABOVE T-BAR CEILING NOT ON DRY WALL CEILING
- PROVIDE NEW SQUARE CONE DIFFUSER AND BALANCE TO AIR QUANTITY AS INDICATED. REFER TO DRAWING NO. M-101 FOR SPECIFICATIONS. CONTRACTOR TO COORDINATE FINAL LOCATION AND SIZE OF DIFFUSER ON SITE TO SUIT INSTALLATION OF NEW T-BAR CEILING AND LIGHTS. (TYPICAL)
- PROVIDE NEW RETURN AIR GRILLES. REFER TO DRAWING NO. M-101 FOR SPECIFICATIONS. PROVIDE FRESH AIR SUPPLY FAN IN CEILING SPACE C/W ASSOCIATED UNIT-MOUNTED
- SPEED CONTROLLER, HANGERS, SUPPORTS, ISOLATORS AND DUCTWORK. FAN TO BE INTERLOCKED WITH EXISTING BAS. REFER TO DRAWING NO. M-101 & M-104 FOR SPECIFICATIONS & DETAILS.
- PROVIDE A MINIMUM OF 50MM GAP/ OPENING AROUND DUCT RISER AT DRYWALL CEILING PENETRATION FOR AIR CIRCULATION FOR THE SHAFT ENCLOSURE. PROVIDE ONE (1) 300MM X 300MM TYPE 'H' RETURN AIR GRILLE MOUNTED IN DRYWALL CEILING INSIDE SHAFT ENCLOSURE.
- PROVIDE TWO (2) 250MM X 250MM TYPE 'H' RETURN AIR GRILLE MOUNTED ON SHAFT ENCLOSURE WALL. ONE GRILLE TO BE MOUNTED AT LOW LEVEL MINIMUM 12" A.F.F. AND THE OTHER GRILLE TO BE MOUNTED AT HIGH LEVEL MINIMUM 84" A.F.F.. COORDINATE EXACT LOCATION & INSTALLATION HEIGHT WITH THE ARCHITECT ON SITE.

### NOTES

ALL MECHANICAL WORKS INVOLVED ON THE FLOOR BELOW SHALL ONLY BE DONE AFTER HOURS (5:30 PM TO 8:30 AM). THIS INCLUDES REMOVAL & CAPPING OF OUTDOOR AIR DUCTWORK IN CEILING SPACE, REMOVAL/CAPPING/NEW CONNECTION OF CHILLED WATER PIPES & HEATING WATER PIPES, REMOVAL/CAPPING/NEW CONNECTION OF CONDENSATE DRAIN, FLOOR SLAB CUTTING/PATCHING, E.T.C.. CONTRACTOR SHALL COORDINATE WITH REGION'S PM PRIOR TO COMMENCEMENT OF ANY WORK.

# FINAL AIR BALANCING NOTE

1 > PROVIDE FINAL AIR BALANCING AFTER COMPLETION OF MECHANICAL WORK, INCLUDING ALL EXISTING AND NEW OUTDOOR SUPPLY AIR BRANCH DUCTS SUPPLIED TO GROUND FLOOR, 2ND FLOOR, 3RD FLOOR, 4TH FLOOR AND 5TH FLOOR. SUBMIT THREE (3) COPIES OF THE AIR BALANCE REPORT TO THE CONSULTANT FOR REVIEW

# FAN COIL UNIT NOTES

- PRIOR TO FAN COIL UNIT INSTALLATION, CONTRACTOR TO PROVIDE A MOCK-UP OF THE HORIZONTAL FAN COIL UNIT FOR YORK REGION'S PM & CONSULTANT'S REVIEW AND COMMENTS. INSTALLATION OF FAN COIL UNIT SHALL NOT PROCEED WITHOUT APPROVAL FROM YORK REGION'S PM & CONSULTANTS.
- CONTRACTOR TO ENSURE NEW FAN COIL UNIT FILTER RACK IS SECURELY ATTACHED AT THE RETURN AIR SIDE OF THE UNIT. OPEN-ENDED OUTDOOR AIR SUPPLY DUCT SHALL BE INDIRECTLY TERMINATED CLOSE TO RETURN AIR SIDE OF FAN COIL UNIT. REFER TO DETAIL NO. 8/M-103.
- . FILTER RACK SHALL BE SIZE TO ACCEPT FILTER SIZES AS PER JOHNSON'S CONTROLS FILTER SIZE GUIDE BELOW:
- 2.1 FHP-D03 (1/2 TON) FILTER SIZE: 19"x10.5"x1"
- 2.2 FHP-D06 (1 TON) FILTER SIZE: 31"x10.5"x1" 2.3 FHP-D08 (1-1/4 TON) FILTER SIZE: 2 SETS OF 19"x10.5"x1"

# FAN COIL PLACEMENT & PIPING INSTALLATION

CONTRACTOR TO INFORM YORK REGION PROJECT MANAGER, ARCHITECT AND YORK REGION OPERATIONS TEAM AND SCHEDULE A MEETING ON SITE TO REVIEW AND <u>SIGN-OFF</u> ON ALL FAN COIL UNIT PLACEMENT AND PIPE INSTALLATIONS. ALL MECHANICAL FAN COIL UNITS TO BE INSTALLED IN A WAY WHERE NO INTERFERENCES (IE. SPRINKLER PIPE, CHILLED/ HEATING ALLOW FOR THE MOTOR TO BE REPLACE IN FUTURE MAINTENANCE.
CONTRACTOR TO ENSURE ADEQUATE SPACE IS PROVIDED TO ALLOW FOR REMOVAL & RE-INSTATEMENT OF FAN COIL UNIT FOR REGULAR MAINTENANCE/ SERVICING AND OR UNIT REPLACEMENT. FAILURE TO HAVE A MEETING TO SIGN-OFF ON THE INSTALLATION, THE CONTRACTOR IS TO BEAR ALL COST FOR THE REWORK.

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6	2024-09-18	ISSUED FOR CONSTRUCTION
5	2024-07-23	ISSUED AS PER ADDENDUM M-2
4	2024-07-15	ISSUED AS PER ADDENDUM M-1
3	2024-05-24	ISSUED FOR PERMIT/TENDER
2	2024-04-17	ISSUED FOR 90% PROGRESS REVIEW
1	2024-01-30	ISSUED FOR 60% PROGRESS REVIEW

DESCRIPTION

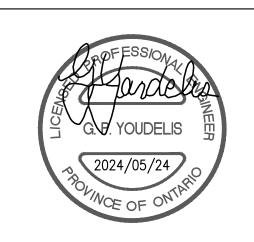
## **G.Bruce Stratton Architects**

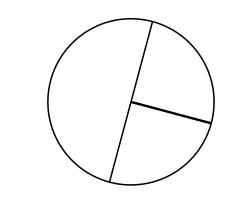
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**BUILDING & FACILITIES** DEPARTMENT: GROUND, 2ND, 3RD, 4TH FLOOR:

11-28-2023

PROJECT:

BASE DATE:

TENDER # RFTC-652-22

# YORK REGION

Administrative Centre 17250 Yonge Street Newmarket, Ontario

SCALE: 1:100

DRAWN BY: K.J/G.P.Y.

MUNICIPALITY OF YORK

PARTIAL GROUND FLOOR AT **BLOCK 'D' - HVAC NEW** LAYOUT

M-209