### LIST OF DRAWINGS - PROJECT #24-1011

### INTERIOR DESIGN DRAWINGS:

GENERAL NOTES DEMOLITION PLAN

I-500.1 REFLECTED CEILING DEMOLITION PLAN

I-501 PARTITION PLAN I-501.1 PARTITION TYPES

I-503 POWER & COMMUNICATION PLAN I-504 FLOOR FINISH PLAN

REFLECTED CEILING PLAN

WALL FINISH PLAN **FURNITURE PLAN** I-506

DOOR & HARDWARE SCHEDULE MILLWORK DETAILS MILLWORK DETAILS

### MECHANICAL DRAWINGS

SPECIFICATIONS SHEET DETAILS, SCHEDULES AND LEGEND SHEET

DEMOLITION AND NEW HVAC PLAN DEMOLITION AND NEW FIRE PROTECTION PLAN

### **ELECTRICAL DRAWINGS**:

I-502

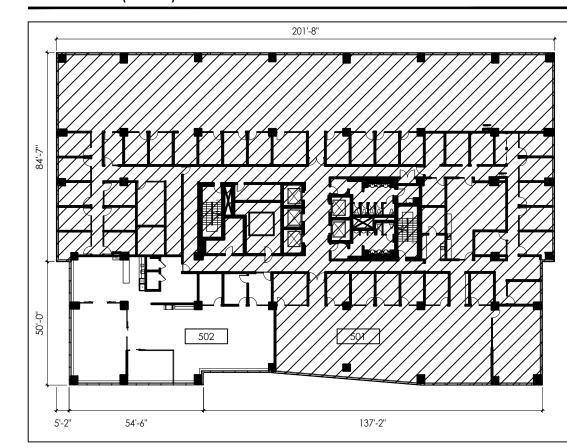
I-508.1

SPECIFICATION, LEGEND AND DETAILS

PART FOURTH FLOOR DEMOLITION PLAN PART FOURTH FLOOR LIGHTING PLAN

PART FOURTH FLOOR POWER AND SYSTEMS PLAN PART FOURTH FLOOR COMMUNICATION PLAN

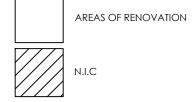
### KEY PLAN (N.T.S)



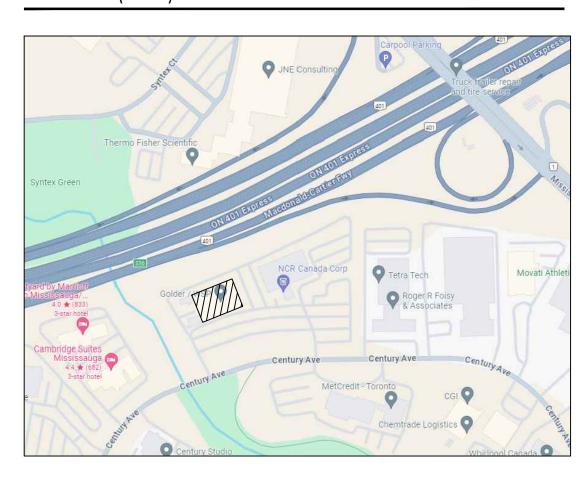
### ONTARIO BUILDING CODE CLASSIFICATION 2012 O.B.C. 3.2.2

SPRINKLERED

AREA OF RENOVATIONS PART 5TH FLOOR, 3,830 SQ. FT / 355 SQ M



### SITE PLAN (N.T.S)



### CONTRACT NOTES

### . DEFINITIONS:

- a. IN ALL PLANS AND OTHER DOCUMENTS, THE TERM "LANDLORD" REFERS TO COLLIERS INTERNATIONAL AND ITS DESIGNATED REPRESENTATIVES
- h IN ALL PLANS AND OTHER DOCLIMENTS ISSUED BY BENNETT DESIGN ASSOCIATES INC. THE TERM "TENANT/CLIENT" IS TO MEAN MUNICIPAL PROPERTY ASSESSMENT CORPORATION (MPAC) AND/OR ANY DESIGNATED REPRESENTATIVE OF MUNICIPAL PROPERTY ASSESSMENT CORPORATION (MPAC)
- C. THE TERM "CONTRACTOR" IS TO MEAN ANY PERSON, FIRM OR CORPORATION NAMED AS SUCH IN THE CONSTRUCTION
- d. THE TERM "DESIGNER" IS TO MEAN BENNETT DESIGN ASSOCIATES INC., AND ITS DESIGNATED PERSONNEL AS REPRESENTATIVE OF BENNETT DESIGN ASSOCIATES INC.
- e. THE TERM "ENGINEERS" IS TO MEAN MECHANICAL AND ELECTRICAL.
- f. THE TERM "PROJECT MANAGER" IS TO MEAN ANY PERSON, FIRM OR CORPORATION NAMED AS SUCH IN THE CONSTRUCTION CONTRACT HEREIN.

### CONTRACT DOCUMENTS:

- WHERE DISCREPANCIES OR OMISSIONS ARE BROUGHT TO THE CLIENT'S ATTENTION AFTER CLOSING, THE CLIENT IS TO DETERMINE WHETHER THE MATTER COULD HAVE AND SHOULD HAVE BEEN BROUGHT TO THE CLIENT'S ATTENTION PRIOR TO CLOSING, AND WHETHER A CLAIM FOR ADJUSTMENTS IS TO BE ALLOWED.
- ). IN THE EVENT OF WORK BEING CARRIED OUT OR COMPLETED BEFORE THE CLIENT IS INFORMED OR AWARE OF A DISCREPANCY OR OMISSION INVOLVED, PARAGRAPH (A) ABOVE APPLIES AND MUST DETERMINE THE EXTENT OF
- THE WORK IS INTENDED TO BE WHOLE AND COMPLETE IN EVERY ASPECT. ABIDE BY AND COMPLY WITH THE TRUE INTENT AND MEANING OF THE CONTRACT DOCUMENTS TAKEN AS A WHOLE.

### . INSPECTION OF WORK:

a. THE PROJECT MANAGER IS TO HAVE ACCESS, FOR INSPECTION, OF ALL WORK AT EACH STAGE OF PROGRESS.

b. THE CLIENT IS TO HAVE ACCESS, FOR INSPECTION, OF ALL WORK AT EACH STAGE OF PROGRESS.

### 4. CO-ORDINATION:

- a. CO-ORDINATION OF THE WORK IS TO ENSURE MAXIMUM EFFICIENCY AND SMOOTH PROGRESS BY THE CONTRACTOR,
- THE PROJECT MANAGER AND THE CONTRACTOR ARE TO CHECK AND VERIFY DIMENSIONS OF ALL WORK AT EACH STAGE

### SUBSTANTIAL COMPLETION:

SUBSTANTIAL COMPLETION TO BE DATED WHEN CERTIFIED BY THE PROJECT MANAGER WITH EXCEPTION TO ANY CORRECTIONS OF DEFICIENCIES.

### . CLEAN UP:

- THE CONTRACTOR IS TO KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIAL AT ALL TIMES. THE CONTRACTOR IS TO BE RESPONSIBLE FOR ALL RUBBISH CAUSED BY HIS EMPLOYEES AND THEIR WORK ON A DAY-TO-DAY BASIS AND MUST LEAVE THE PREMISES CLEAN TO THE SATISFACTION OF THE DESIGNER AND CLIENT.
- b. INCLUDE FOR FINAL CLEANING TO FLOORS, WALLS, WINDOWS AND CEILING, READY FOR CLIENT'S OCCUPANCY

### . DAMAGES AND MUTUAL RESPONSIBILITIES:

a. ANY DAMAGE CAUSED BY THE CONTRACTOR OR ANY OF HIS/HER SUB-CONTRACTORS OR SUPPLIERS OF CONTRACT MATERIAL, ETC., IS TO BE RECTIFIED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

### . PROTECTION OF WORK AND PROPERTY:

a. THE CONTRACTOR IS TO MAINTAIN CONTINUAL AND ADEQUATE PROTECTION OF ALL HIS/HER WORK AND IS TO TAKE REASONABLE PRECAUTIONS TO PROTECT THE LANDLORD'S PROPERTY FROM ANY DAMAGE ARISING IN CONNECTION WITH

### THE CONTRACT. REJECTED WORK:

- THE CONTRACTOR IS TO PROMPTLY REMOVE ANY AND ALL DEFECTIVE WORK OR EQUIPMENT FROM THE PREMISES CAUSED BY POOR WORKMANSHIP, USE OF DEFECTIVE MATERIALS, DAMAGE THROUGH CARELESSNESS, CONCEALED DAMAGE OR OTHER ACTS BY THE CONTRACTOR WHICH HAVE BEEN CONDEMNED BY THE DESIGNER OR OWNER AS FAILING TO
- THE CONTRACTOR IS TO PROMPTLY REPLACE AND RE-EXECUTE HIS OWN WORK IN ACCORDANCE WITH THE CONTRACT AND WITHOUT EXPENSE TO THE OWNER, WHILE BEARING THE EXPENSE TO FIX ALL WORK OF OTHER CONTRACTOR'S DESTROYED OR DAMAGED BY SUCH REMOVAL OR REPLACEMENT.

CONFORM WITH THE CONTRACT DOCUMENTS, WHETHER INCORPORATED IN THE CONTRACT OR NOT.

### 10. CORRECTION AFTER COMPLETION:

THE CONTRACTOR IS TO CORRECT ANY DEFECTS CAUSED BY FAULTY MATERIALS OR WORKMANSHIP THAT APPEAR WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION OF THEIR WORK. IN ADDITION, THE CONTRACTOR IS TO PAY FOR ANY DAMAGE TO OTHER WORK RESULTING THERE FROM WHICH APPEARS WITHIN SUCH PERIOD. FINAL PAYMENT DOES NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY.

### 11. GUARANTEE

a. SUBMISSION OF THE CONTRACT TO BE THIS CONTRACTOR'S GUARANTEE THAT MATERIAL AND WORKMANSHIP OF THE WORK ARE FIRST CLASS IN EVERY ASPECT AND THAT THE FINISHED PRODUCT WILL PROPERLY PERFORM ITS FUNCTION.

### **GENERAL NOTES**

- 1. ALL GENERAL NOTES TO BE READ IN CONJUNCTION WITH ALL DESIGN DOCUMENTS.
- 2. SHOULD ANY DISCREPANCIES RESULT WITHIN THESE DOCUMENTS OR BETWEEN THESE DRAWINGS AND OTHER CONSULTANTS DRAWINGS, THE CONTRACTOR SHALL REQUEST CLARIFICATION FROM DESIGNER IN WRITING. IF THE ASSUMPTION/BID IS BASED ON A DISCREPANCY ITEM, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL COST RESULTING FROM SAID ITEM(S).
- GENERAL CONTRACTOR SHALL COMPLY WITH ALL BASE BUILDING WORK PROCEDURES AND REGULATIONS. PROTECT ALL EXISTING BASE BUILDING SYSTEMS AND EQUIPMENT DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR THE REPAIRS OF ANY DAMAGES TO THE BASE BUILDING CAUSED BY THE CONTRACTOR AND/OR BY HIS OR HER
- BENNETT DESIGN ASSOCIATES SHALL OBTAIN BUILDING PERMIT ON BEHALF OF CLIENT, PRIOR TO COMMENCEMENT OF 35. EXTENDED WARRANTIES: WORK, THE GENERAL CONTRACTOR SHALL PROVIDE COPY OF PERMIT AND DRAWINGS TO CLIENT/OWNER AND
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TRADES AND SUB-TRADES WITH COPIES OF ALL DRAWINGS PART OF THIS CONTRACT. NO PARTIAL DRAWINGS WILL BE DISTRIBUTED WITHOUT DIRECTION FROM THE DESIGNER. ANY DISCREPANCIES RESULTING FROM THIS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO
- 6. ALL WORK IN THIS CONTRACT SHALL CONFORM TO LOCAL BUILDING CODES, INCLUDING ALL AMENDMENTS AND
- 7. THE CONTRACT DOCUMENTS CONVEY DESIGN INTENT AND THE CONTRACTOR SHALL FURNISH ALL NECESSARY LABOR AND MATERIALS TO COMPLETE THE WORK. MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- 8. THE CONTRACTOR IS TO STORE ALL MATERIALS AND/OR EQUIPMENT IN A SECURE AREA PROVIDED BY THE LANDLORD/TENANT

SATISFACTION OF THE LANDLORD. THE CONTRACTOR IS TO ENFORCE DUST CONTROL MEASURES.

- 9. THE CONTRACTOR IS TO BE RESPONSIBLE FOR ALL DAMAGES TO SURFACES. FINISHES AND MATERIALS DUE TO WORK UNDER THIS CONTRACT AND BEAR ALL COSTS INCURRED TO MAKE GOOD, REPAIR OR REPLACE TO THE PROJECT
- ARRANGEMENTS FOR THE REMOVAL OF ALL GARBAGE AND DEBRIS TO BE MADE BY THE CONTRACTOR TO THE
- ALL ELEVATOR COSTS AND COSTS INVOLVED IN MATERIAL DELIVERY OR DEBRIS REMOVAL TO BE THE RESPONSIBILITY
- 12. THE CONTRACTOR IS TO VISIT THE SITE, COMPARE THE DRAWINGS AND SPECIFICATIONS AND INFORM THEMSELVES OF L CONDITIONS PERTAINING TO THE WORK PRIOR TO SUBMITTING QUOTATION.
- 13. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING SITE AND BUILDING CONDITIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER/DESIGNER DURING THE TIME OF TENDERING IN SUFFICIENT TIME TO PERMIT ISSUANCE OF ADDENDUM.
- 14. FAILURE TO REPORT DISCREPANCIES WILL NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE WORK AS
- INTENDED AND AT NO ADDITIONAL COST TO THE CLIENT.
- 15. THE CONTRACTOR IS TO VERIFY ALL JOB DIMENSIONS, DRAWINGS AND SPECIFICATIONS PRIOR TO PROCEEDING WITH THE WORK, ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER IMMEDIATELY.
- 16. ALL DIMENSIONS ON DRAWINGS TO GOVERN. DRAWINGS ARE NOT TO BE SCALED. 17. ALL JOB SITE DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF RELATED WORK.
- SIZES, DETAILS OR METHOD OF CONSTRUCTION, MANUFACTURER, TYPE OF MATERIALS OR SPECIFICATIONS, THE CONTRACTOR MUST HAVE APPROVAL BY THE
- PROJECT MANAGER PRIOR TO PURCHASE AND INSTALLATION 19. ALL MATERIALS FOR INSTALLATION AND FINISHING TO BE AS PER MANUFACTURER'S INSTRUCTIONS,
- RECOMMENDATIONS AND SPECIFICATIONS FOR THE APPLICATION. ALL MATERIALS ARE TO HAVE A FLAME SPREAD RATING AS REQUIRED BY THE LOCAL BUILDING CODE. CONTRACTOR
- TO PROVIDE FLAME SPREAD RATINGS FOR ANY ALTERNATIVE MATERIALS 21. THE CONTRACTOR IS TO CONFIRM ALL FINISHES AND COLORS OF MATERIALS, FITTINGS, FIXTURES AND ACCESSORIES
- WITH THE DESIGNER PRIOR TO PURCHASE AND INSTALLATION. 22. SHOULD IT APPEAR THAT ANY PART OF THE WORK IS NOT SUFFICIENTLY DETAILED ON THE DRAWINGS, THE
- CONTRACTOR TO CONSULT WITH THE DESIGNER FOR FURTHER INFORMATION OR CLARIFICATION. 23. SHOULD ANY QUESTIONS, DISPUTE OR DIFFERENCE OF OPINION ARISE AS TO THE MEANING OR INTERPRETATION OF HE DRAWINGS, IT IS TO BE UNDERSTOOD THAT THE DECISION OF THE PROJECT MANAGER/DESIGNER WILL BE FINAL.
- 24. THE CONTRACTOR IS TO REFER TO CONSULTING ENGINEER'S DRAWINGS AND SPECIFICATIONS FOR ALL TECHNICAL INFORMATION WITH RESPECT TO MECHANICAL AND ELECTRICAL FITTINGS, FIXTURES, EQUIPMENT, CIRCUITRY, ETC.
- 25. THE CONTRACTOR IS TO REFER TO THE DESIGN DRAWINGS FOR LOCATION OF ALL ELECTRICAL FIXTURES AND OUTLETS.
- 26. WHERE IT IS OBVIOUS THAT THE DRAWING ILLUSTRATES ONLY PART OF THE PROPOSED WORK OR NUMBER OF ITEMS,
- ALL COMMUNICATIONS BETWEEN THE CLIENT, PROJECT MANAGER, DESIGNER AND CONTRACTOR TO BE BY MEANS OF NUMBERED ADDENDA WHICH ARE TO BECOME PART OF THE CONTRACT DOCUMENT, PRIOR TO TENDER SLIBMISSION OR CONTRACT AWARD
- 28. CONTRACTOR TO ALLOW FOR CUTTING IN EXISTING CEILINGS, NON-STRUCTURAL WALLS AND ANY CONSTRUCTION NECESSARY TO FACILITATE THE INSTALLATION OF MECHANICAL AND FLECTRICAL FOUIPMENT, PROVIDE UNIT PRICE

29. CUTTING OR DRILLING IN CONCRETE SLAB AND OTHER STRUCTURAL ELEMENTS TO BE APPROVED BY STRUCTURAL

ENGINEER PRIOR TO PROCEEDING WITH INSTALLATION. 30. ALL X-RAY AND OTHER RELATED PROCEDURES PERTAINING TO ABOVE TO FORM PART OF THIS CONTRACT.

- . CONTRACTOR TO PROVIDE A LIST OF SUB-CONTRACTORS, WHOSE COSTS ARE REFLECTED IN THE TENDER DOCUMENT. CONTRACTOR GUARANTEES ALL WORK TO BE FREE FROM ALL INHERENT DEFECTS IN WORKMANSHIP OR MATERIALS AND TO GIVE PROPER AND CONTINUOUS SERVICE UNDER ALL CONDITIONS OF SERVICE REQUIRED AND CONTRACTOR TO REPLACE PROMPTLY AND AT HIS/HER WORK PROVING DEFECTIVE WITHIN ONE (1) YEAR FROM DATE
- 33. DESIGNER TO APPROVE LOCATION OF ANY ACCESS PANELS IN GWB SURFACES ON SITE PRIOR TO INSTALLATION.
- 34. CONTRACTOR TO INSTALL ALL PRE-MANUFACTURED COMPONENTS OF CONSTRUCTION AS PER MANUFACTURER'S

THE GENERAL CONTRACTOR SHALL OBTAIN ALL EQUIPMENT GUARANTEES AND WARRANTEES AND SUBMIT TO CLIENT/OWNER UPON PROJECT COMPLETION. THE FOLLOWING IS A COMPILATION OF WARRANTIES WHICH EXTEND BEYOND THE TWELVE (12) MONTHS REQUIRED UNDER THE GENERAL CONDITIONS OF THIS CONTRACT OR WHICH HAVE SPECIAL CONDITIONS ATTACHED TO THEM.

THIS LIST IS GIVEN FOR CONVENIENCE ONLY AND MAY NOT BE COMPLETE. THERE MAY EXIST WARRANTIES IN THE SPECIFICATIONS OR ELSEWHERE IN THE CONTRACT DOCUMENTS OR WARRANTIES MAY BE AVAILABLE FOR THE PRODUCTIONS SPECIFIED FOR THE WORK WITHOUT SAID WARRANTIES BEING STIPULATED IN THE CONTRACT

THE CONTRACTOR IS TO PROVIDE CLIENT WITH MAINTENANCE AND GUARANTEE FOR ALL MATERIALS AND EQUIPMENT INSTALLED UNDER THIS CONTRACT PRIOR TO FINAL CERTIFICATE FOR PAYMENT.

ALL WARRANTIES ARE APPLICABLE AND IN FORCE WHETHER LISTED IN THIS SUMMARY OR NOT.

EXTENSION OF WARRANTY

CARPENTRY 3 YEARS MILLWORK 3 YEARS FINISH HARDWARE 3 YEARS

- 5. ALL MATERIALS AND SERVICES FURNISHED BY THE CONTRACTOR TO BE SUBJECT TO INSPECTION AND APPROVAL BY THE DESIGNER, ACTING AS THE CLIENT'S REPRESENTATIVE WITH THE RIGHT TO REJECT MATERIALS AND/OR REQUIRE ADDITIONAL SERVICES TO CORRECT THE DEFECTIVE WORK. THE ABOVE WILL BE AT THE CONTRACTOR'S EXPENSE.
- 37. GENERAL CONTRACTOR TO INCLUDE FOR CO-ORDINATION AND SCHEDULING OF SUB-TRADES WITHIN THE GENERAL
- 38. WHERE NOTED, GENERAL CONTRACTOR TO ONLY USE PRE-APPROVED VENDORS TO BID ON PARTICULAR PORTIONS OF THE WORK AS STIPULATED BY LANDLORD/OWNER.
- 39. LANDLORD TO INVESTIGATE CAUSE OF ANY WATER LEAKS/STAINING WITHIN THE BUILDING AND RECTIFY
- 40. IT IS THE RESPONSIBILITY OF THE ELECTRICAL ENGINEER FOR CALCULATING AND SPECIFYING THE APPROPRIATE LIGHT LEVELS FOR THE DESIGN OF THE SPACE IN ACCORDANCE WITH THE LOCAL BUILDING CODE.
- GENERAL CONTRACTOR SHALL SUBMIT ANY AND ALL SHOP DRAWINGS AND SUBMITTALS TO THE DESIGNER/ENGINEERS FOR APPROVAL PRIOR TO FABRICATION AND/OR COMMENCEMENT OF WORK. DRAWINGS INCLUDED BUT NOT LIMITED TO INCLUDE;

MILLWORK GLAZING/GLASS DOOR ASSEMBLIES & HARDWARE FLOOR FINISHES WALL FINISHES LIGHTING

- MECHANICAL/ELECTRICAL EQUIPMENT AS NOTED ON ENGINEERING DRAWINGS
- 42. CONTRACTOR TO PROVIDE MATERIALS AND EQUIPMENT AS SPECIFIED WITHIN THESE CONTRACTOR DOCUMENTS. THE GENERAL CONTRACTOR SHALL OBTAIN DESIGNER APPROVAL PRIOR TO PURCHASE AND INSTALLATION OF ANY CHANGES OR SUBSTITUTIONS TO:
- SIZES, DETAILS OR METHOD OF CONSTRUCTION
- MANUFACTURER OR TYPE OF MATERIALS PERFORMANCE AND/OR FLAME SPREAD RATINGS AS ORIGINALLY SPECIFIED
- 43. GENERAL CONTRACTOR TO COORDINATE WORKING HOURS AS PER BASE BUILDING STANDARDS AND CONFIRM WITH LANDLORD/OWNER. CONTRACTOR TO PERFORM WORK DURING REGULAR BUSINESS HOURS (OR AFTER HOURS AND ON WEEKENDS IF REQUIRED BY CLIENT/OWNER). GENERAL CONTRACTOR TO REVIEW AND ADHERE TO ALL CRITERIA OUTLINED IN THE LANDLORD'S DESIGN CRITERIA MANUAL.
- FIRE PROTECTION DOCUMENTS SHALL BE PROVIDED AS A DEFERRED SUBMITTAL BY THE CONTRACTOR. REFER TO MECHANICAL DRAWINGS FOR DETAILS.
- 45. THE ISSUANCE OF DRAWINGS/PERMITS DOES NOT RELIEVE THE OWNER FROM THE REQUIREMENT TO COMPLY WITH ANY OTHER APPLICABLE LEGISLATION, REGULATIONS, AND STANDARDS INCLUDED, BUT NOT LIMITED TO, THE ARCHITECTS ACT, ONTARIO HUMAN RIGHTS CODE, ACCESSIBILITY FOR ONTARIANS WITH DISABILITIES AND INTEGRATED ACCESSIBILITY STANDARDS REGULATION
- RITERIA MANUAL. ALL CONTRACTORS ARE REQUIRED TO MONITOR AND RECORD THE AMOUNT OF WASTE GENERATE VASTE WAS SENT. RECYCLING INITIATIVES ARE EXPECTED TO BE IMPLEMENTED BY CONTRACTORS WHEREVER POSSIBLE. FURNITURE, PAINTS, EQUIPMENT AND OTHER PRODUCTS SUPPLIED AND INSTALLED BY GC TO ADHERE TO CREDIBLE RD-PARTY CERTIFICATIONS (SUCH AS, BUT NOT LIMITED TO: CSA, ECOLOGO, UL, GREENSEAL, FSC, AND SFI), AND UST COMMIT TO REDUCING THE AMOUNT OF WASTE GENERATED THROUGH RENOVATION, CONSTRUCTION

### **ABBREVIATIONS**

**ADJUSTABLE** 

ALTERNATE

CENTER

DOUBLE

DIAMETER

DOOR

DIMENSION

DRAWING

ELECTRIC

EQUIPMENT

EXISTING

FLOOR

GALLON

GROUND

FLUORESCENT

GALVANIZED

GYPSUM WALL BOARD

MISCELLANEOUS

NOT IN CONTRACT

PLASTIC LAMINATE

NOT TO SCALE

ON CENTER

PAINTED

REQUIRED

SCHEDULE

**SECTION** 

SQUARE

STORAGE

TYPICAL

VERTICAL

WITHOUT

WOOD

WEIGHT

YARD

WATERCLOSET

SQUARE FEFT

SPECIFICATION

STAINLESS STEEL

UNLESS NOTED OTHERWISE

VINYL COMPOSITION TILE

STANDARD

NORTH

FEET (FOOT)

**FLUOR** 

GALV

REQD

DETAIL

ABOVE FINISH FLOOR CONTINUOUS CERAMIC TILE 10 Douglas Road Uxbridge, ON. L9P 1S9

GENERAL NOTES

DO NOT SCALE DRAWINGS.

THIS DRAWING IS THE PROPERTY OF BENNETT DESIGN ASSOCIATES INC. AND CANNOT BE REPRODUCED WITHOUT WRITTEN PERMISSION. ALL MEASUREMENTS MUST BE VERIFIED ON SITE BY CONTRACTOR AND REPORT ANY DISCREPANCIES TO BENNETT DESIGN ASSOCIATES INC. BEFORE PROCEEDING WITH THE WORK.

**Tel**. 905 . 852 . 4617

bennettdesign.ca



REVISIONS 03 | 18JUL24 | AH | ISSUED FOR TENDER

02 | 23MAY24 AH | ISSUED FOR 90% REVIEW

1 10APR24 CC ISSUED FOR 50% REVIEW SSUED

MPAC MISSISSAUGA 6925 CENTURY AVE **SUITE 502 RENOVATIONS** 

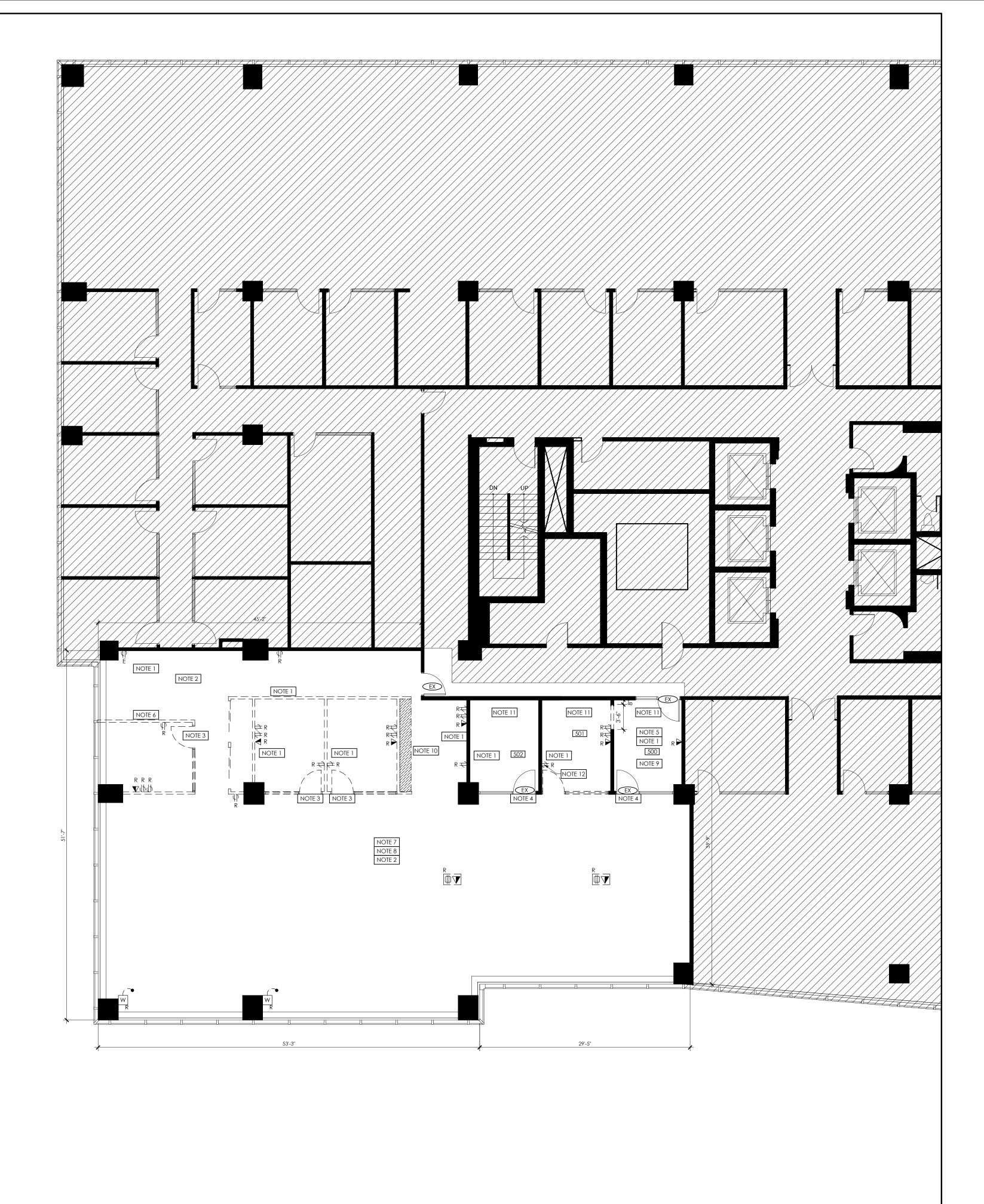
**GENERAL NOTES** 

MISSISSAUGA, ON

11JUN24 24-1011-000 I-000

# MPAC 6925 CENTURY AVE SUITE 502 RENOVATIONS MISSISSAUGA, ON

ISSUED FOR TENDER



### DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	DENOTES EXISTING PARTITION TO REMAIN
===	DENOTES EXISTING PARTITION TO BE REMOVED
EX	DENOTES EXISTING DOOR AND FRAME TO REMAIN
# = 1	DENOTES EXISTING DOOR AND FRAME TO BE REMOVED AND/OR RELOCATED AS INDICATED ON PARTITION PLAN AND DOOR SCHEDULE
<b>=</b> = =	DENOTES EXISTING GLAZING SCREEN/SIDELIGHT AND FRAME TO BE REMOVED AND/OR RELOCATED AS INDICATED ON PARTITION PLAN AND SCREEN SCHEDULE
	DENOTES EXISTING MILLWORK TO BE REMOVED
₽ <sup>R</sup>	DENOTES EXISTING WALL MOUNTED DUPLEX OUTLET TO BE REMOVED
<b>™</b> R	DENOTES EXISTING WALL MOUNTED VOICE/DATA OUTLET TO BE REMOVED
▼ <sup>R</sup>	DENOTES EXISTING WALL MOUNTED VOICE OUTLET TO BE REMOVE
$\nabla^{R}$	DENOTES EXISTING WALL MOUNTED DATA OUTLET TO BE REMOVED
В	DENOTES EXISTING BLANK COVER PLATE TO BE REMOVED
\$ <sup>R</sup>	DENOTES EXISTING SWITCH TO BE REMOVED
R T	DENOTES EXISTING FLOOR BOX TO BE REMOVED/CAPPED. COORDINATE WITH ELECTRICAL ENGINEER'S DRAWINGS
	DENOTES AREA IN CONTRACT
	AREA NOT IN CONTRACT (NIC)

### DRAWING NOTES

SYMBOL	DESCRIPTION
NOTE 1	EXISTING WALL HANGING FIXTURES, DRY ERASE WALLCOVERING AND FRAMES, HOOKS AND FASTENERS TO BE REMOVED AND DISPOSED. PATCH AND REPAIR DRYWALL READY TO RECEIVE NEW PAINT FINISH WHERE WALL IS RETAINED.
NOTE 2	EXISTING CARPET THROUGHOUT TO BE RECONFIGURED AND RETAINED FOR REUSE, PATCHING AND REPAIRS WHERE WALLS SCAR. ENSURE TO STORE AND PROTECT CARPET SAFELY DURING CONSTRUCTION FOR REUSE. INCLUDE TO PATCH AND REPAIR SUBFLOOR WHERE NECESSARY PRIOR TO INSTALL OF NEW MATERIAL. COORDINATE WITH I-504 FLOOR FINISHES PLAN.
NOTE 3	EXISTING OFFICE FRONTS (DOORS, FRAMES, SIDELIGHTS, HARDWARE) TO BE REMOVED AND DISPOSED WHERE INDICATED. MAKE GOOD REMAINING PARTITIONS AND FINISHES TO RECEIVE NEW SLIDING GLASS FRONTS. COORDINATE WITH PARTITION PLAN I-501 AND DOOR SCHEDULE I-507. AMEND SWITCHING AS NECESSARY AND COORDINATE WITH ELECTRICAL ENGINEER'S DRAWINGS.
NOTE 4	INCLUDE TO RETAIN OFFICE FRONTS (DOORS, FRAMES, SIDELIGHTS, HARDWARE) AT 500 AND 502. EXISTING SIGNAGE ON OFFICE DOORS AND FILM STRIP ON GLAZING TO BE REMOVED, DOORS TO BE PATCHED AND REPAIRS. MAKE GOOD REMAINING PARTITIONS AND FINISHES TO RECEIVE NEW SLIDING GLASS FRONTS. COORDINATE WITH PARTITION PLAN 1-501 AND DOOR SCHEDULE 1-507. AMEND SWITCHING AS NECESSARY AND COORDINATE WITH ELECTRICAL ENGINEER'S DRAWINGS.
NOTE 5	EXISTING WALL TO BE CUT TO ALLOW FOR NEW DOOR OPENING TO MATCH EXISTING DOOR OPENING(S). MAINTAIN HEADER ABOVE OPENING (TO MATCH EXISTING HEADERS) FOR INSTALLATION OF NEW DOOR AND FRAME. REFER TO PARTITION PLAN I-501 AND DOOR SCHEDULE I-507.
NOTE 6	EXISTING WALLCOVERING/VINYL WALL MURAL TO BE REMOVED WHERE INDICATED. INCLUDE TO PATCH, REPAIR AND MAKE GOOD WALLS WHERE REMOVED TO LEVEL 4 FINISH TO RECEIVE NEW FINISHES. COORDINATE WITH I-505 WALL FINISHES PLAN.
NOTE 7	EXISTING WALL BASE TO REMAIN THROUGHOUT. INCLUDE TO SUPPLY AND INSTALL NEW WALL BASE TO MATCH EXISTING WHERE INDICATED.
NOTE 8	EXISTING CORNER GUARDS TO REMAIN THROUGHOUT. INCLUDE TO SUPPLY AND INSTALL NEW CORNER GUARDS TO MATCH EXISTING AT EXPOSED EDGES/CORNERS.
NOTE 9	INCLUDE TO RELOCATE SWITCHING IN RECEPTION 500 AS NECESSARY, COORDINATE WITH ENGINEER'S DRAWINGS.
NOTE 10	EXISTING MILLWORK SHELF TO BE REMOVED AND DISPOSED. INCLUDE TO PATCH WALL WHERE CARPET SCARS TO MAKE GOOD.
NOTE 11	EXISTING CARPET IN OFFICES TO REMAIN. COORDINATE WITH FLOOR FINISHES PLAN I-504.
NOTE 12	EXISTING DUPLEX TO BE RELOCATED, REFER TO 1-503 FOR REVISED LOCATION.

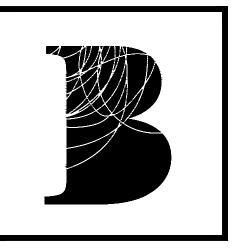
### DEMOLITION NOTES

SLAB UNLESS NOTED OTHERWISE.

- THIS DRAWINGS & NOTES TO BE READ IN CONJUNCTION WITH GENERAL NOTES, REFER TO DRAWING #I-000.
- 2. THE ENTIRE DRAWING PACKAGE TO BE REFERENCED AND REVIEWED AS A WHOLE.
- 3. THIS DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL
- ENGINEER'S DRAWINGS AND SPECIFICATIONS.4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONSTRUCTION SPECIFICATIONS AND DOCUMENTS.
- 5. ALL PARTITIONS DESIGNATED TO BE DEMOLISHED SHALL BE REMOVED FROM SLAB TO
- 6. WHERE DEMOLISHED PARTITIONS PENETRATED SUSPENDED T-BAR CEILING GRID, REPAIRS SHALL BE MADE TO MAKE GOOD A CONTINUOUS CEILING GRID.
- 7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE GOOD ALL AREAS AFFECTED BY
- 8. DISCONNECT AND CAP ALL PLUMBING WHICH IS TO BE REMOVED.
- 9. DEMOLITION AND NEW CONSTRUCTION SHALL BE DONE IN PHASES AS REQUIRED. DURING EACH PHASE, THE AREA UNDER CONSTRUCTION SHALL BE COMPLETELY SEALED OFF, MAINTAINING EXISTS WITHIN ACCORDANCE WITH BUILDING CODE.
- 10. THE CONTRACTOR SHALL SALVAGE ALL ELEMENTS OF THE BASE BUILDING, SUCH AS (BUT NOT LIMITED TO) CEILING COMPONENTS, LIGHT FIXTURES, SPEAKERS, ETC. ALL ELEMENTS REMAIN THE PROPERTY OF AND SHALL BE TURNED OVER TO THE LANDLORD/CLIENT AND STORED WHERE DIRECTED UNLESS SCHEDULED FOR REUSE AND/OR SHOWN TO BE REMOVED AND RELOCATED UNDER THIS CONTRACT.
- THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES AND BE LEGALLY DISPOSED OF.

11. ALL DEBRIS AND MATERIALS RESULTING FROM THE DEMOLITION AND NOT CLAIMED BY

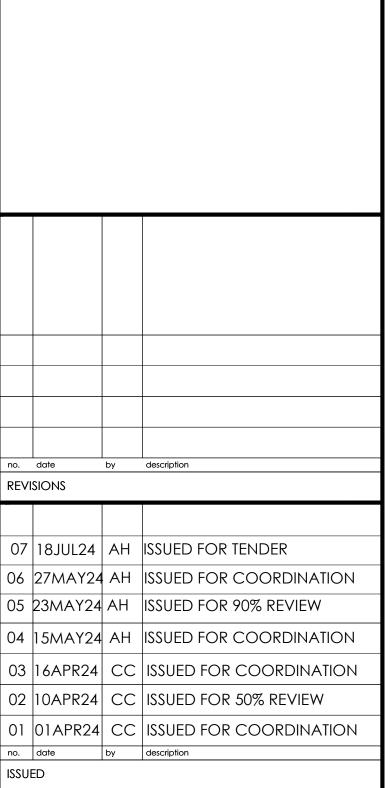
- 12. THE CONTRACTOR SHALL COORDINATE THE LIFTING AND REMOVAL OF ALL EXISTING FLOOR COVERING AND BASE FINISHES, WITHIN THE CONTRACT AREA, WITH THE FLOOR COVERING CONTRACTOR.
- 13. CARPET AND OTHER FLOOR FINISHES REMAINING SHALL BE PROTECTED BY THE CONTRACTOR WITH 6 MIL. CONTINUOUS POLYETHYLENE FILM SHEET.
- 14. CONTRACTOR TO REMOVE FLOORING AND BASE AS NOTED. MAKE GOOD ALL FLOORS, BASE, WALLS, COLUMNS AND CEILING AFTER DEMOLITION SUITABLE FOR APPLICATION OF NEW FINISH. REFER TO FLOOR AND WALL FINISH PLANS, NOTES AND LEGENDS I-404 AND I-405.
- 15. ANY WIRING ETC. WITHIN PARTITIONS SLATED FOR DEMOLITION IS TO BE REMOVED AND/OR TERMINATED AND IS TO CONFORM TO ALL APPLICABLE STANDARDS AND
- DISCONNECT ALL ELECTRICAL SERVICES FROM PARTITIONS TO BE DEMOLISHED AND CAP ABOVE CEILING HEIGHT.
- 17. IN PARTITIONS BEING REMOVED, ELECTRICAL OUTLETS, CONDUIT, ETC. ARE TO BE REMOVED BACK TO FIRST JUNCTION BOX AND TERMINATED, OR AS DIRECTED BY ELECTRICAL DRAWINGS/SPECIFICATIONS. REFER TO CONSULTANT ENGINEERS' DRAWINGS.
- 18. WHERE FLOOR MONUMENTS ARE REMOVED, FLOOR DRILLINGS ARE TO BE FILLED WITH CONCRETE, LEVEL TO THE UNFINISHED FLOOR SLAB. ALL WIRING FOR SAME TO BE MADE SAFE.
- 19. EXISTING CEILING TILES AND FIXTURES ARE TO BE REMOVED AND SALVAGED FOR REUSE. NEW TILES AS REQUIRED TO MATCH. ALL DISCOLOURED TILES TO BE SEGREGATED IN SPECIFIC AREAS TO ACHIEVE AN EVEN COLOUR WITHIN ONE AREA. REFER TO REFLECTED CEILING PLAN I-502.
- 20. CONFIRM THAT DEMOLITION DRAWINGS ACCURATELY REFLECT THE EXTENT OF ABOVE CEILING GWB BAFFLING TO BE REMOVED AND REMOVE ANY REDUNDANT BAFFLES ABOVE THE CEILING.
- 21. THE CONTRACTOR IS TO BE RESPONSIBLE FOR ALL DAMAGES TO FINISHES, SURFACES, MATERIALS ETC., DUE TO WORK PERFORMED UNDER THIS CONTRACT AND BEARS ALL COSTS INCURRED TO MAKE GOOD. REPAIR OR REPLACE SAME TO DESIGNER'S SATISFACTION
- 22. THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD, PROPER AND SAFE MEANS OF FIRE EXIT SHALL BE PROVIDED FROM ALL ZONES OF THE BUILDING AT ALL TIMES TO THE APPROVAL OF THE AUTHORITIES HAVING JURISDICTION.
- 23. PROTECT EXISTING PERIMETER WINDOW BLINDS DURING CONSTRUCTION BY SUITABLE METHODS TO THE APPROVAL OF THE LANDLORD/TENANT AND THOROUGHLY CLEAN BLINDS UPON COMPLETION OF WORK. IF NO PRACTICAL MEANS OF PROTECTION CAN BE FOUND, THE CONTRACTOR SHALL REMOVE THE EXISTING BLINDS AND STORE WHERE DIRECTED AND REINSTALL WHEN CONSTRUCTION IS COMPLETE.



# **BENNET**

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- DO NOT SCALE DRAWINGS.





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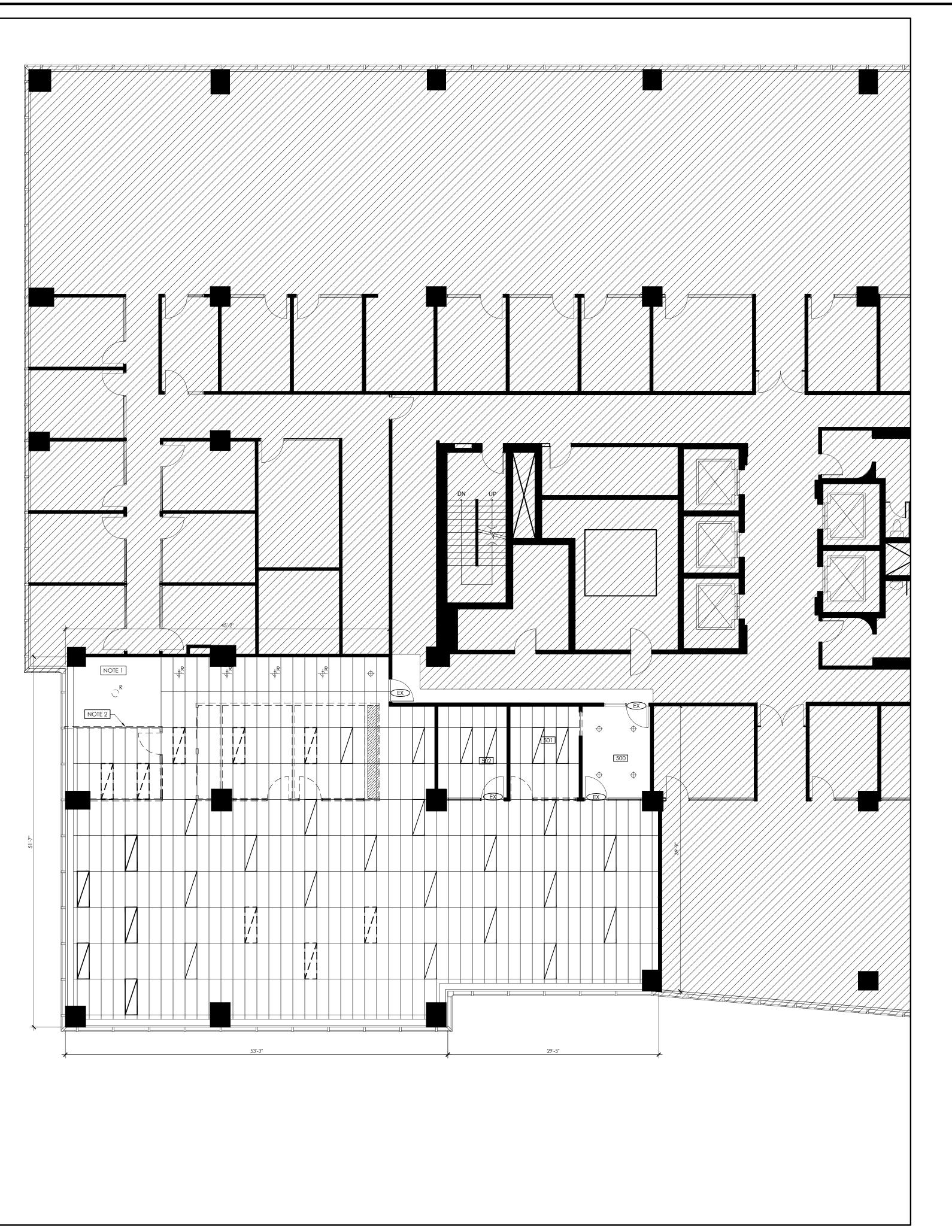
MPAC MISSISSAUGA 6925 CENTURY AVE SUITE 502 RENOVATIONS MISSISSAUGA, ON

drawing title

**DEMOLITION PLAN** 



	date	project no.
	11JUN24	24-1011
	drawn by	cad file:
	TL	24-1011-I-500
7	checked by	drawing no.
/	AH	
	scale 1/8"=1'-0"	I-500



### CEILING DEMOLITION LEGEND

SYMBOL	DESCRIPTION
ト レ   \	DENOTES EXISTING BASE BUILDING STANDARD LUMINARIES TO BE REMOVED AND/OR RELOCATED. SEE LAMP SPECIFICATION ABOVE.
	DENOTES EXISTING BASE BUILDING STANDARD LUMINARIES TO REMAIN.
+ + + + + + + + + + + + + + + + + + +	
- <del></del>	DENOTES EXISTING SURFACE MOUNTED DOWN LIGHT TO BE REMOVED AND/OR RELOCATED
CR	DENOTES EXISTING DECORATIVE PENDANT LIGHT TO BE REMOVED
	AREA NOT IN CONTRACT (NIC)

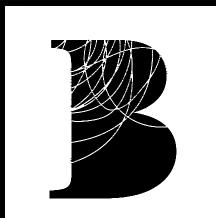
### DRAWING NOTES

SYMBOL	DESCRIPTION
NOTE 1	EXISTING DECORATIVE PENDANT LIGHT TO BE REMOVED.
NOTE 2	WHERE WALL IS REMOVED, INCLUDE TO PATCH AND REPAIR EXISTING GWB CEILING, REPLACE ANY DAMAGED CEILING T-BAR GRID AND TILE. REFER TO 2/I-502 FOR DETAIL.

THIS DRAWINGS & NOTES TO BE READ IN CONJUNCTION WITH GENERAL NOTES, REFER TO DRAWING #I-000.

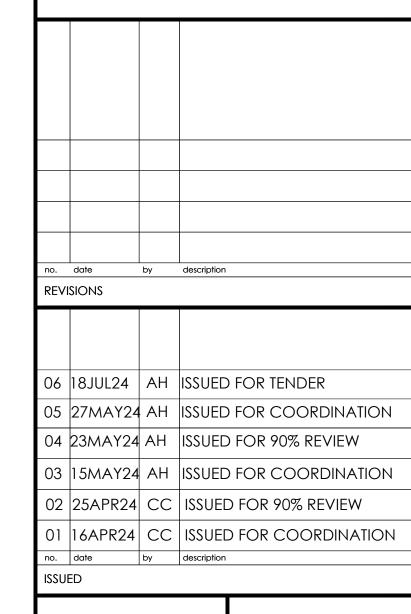
DEMOLITION NOTES

- 2. THE ENTIRE DRAWING PACKAGE TO BE REFERENCED AND REVIEWED AS A WHOLE.
- 3. THIS DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS AND SPECIFICATIONS.
- 4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONSTRUCTION SPECIFICATIONS AND DOCUMENTS.
- 5. WHERE DEMOLISHED PARTITIONS PENETRATED SUSPENDED T-BAR CEILING GRID, REPAIRS SHALL BE MADE TO MAKE GOOD A CONTINUOUS CEILING GRID.
- 6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE GOOD ALL AREAS AFFECTED BY
- 7. DEMOLITION AND NEW CONSTRUCTION SHALL BE DONE IN PHASES AS REQUIRED. DURING EACH PHASE, THE AREA UNDER CONSTRUCTION SHALL BE COMPLETELY SEALED OFF, MAINTAINING EXISTS WITHIN ACCORDANCE WITH BUILDING CODE.
- 8. THE CONTRACTOR SHALL SALVAGE ALL ELEMENTS OF THE BASE BUILDING, SUCH AS (BUT NOT LIMITED TO) CEILING COMPONENTS, LIGHT FIXTURES, SPEAKERS, ETC. ALL ELEMENTS REMAIN THE PROPERTY OF AND SHALL BE TURNED OVER TO THE LANDLORD/CLIENT AND STORED WHERE DIRECTED UNLESS SCHEDULED FOR REUSE AND/OR SHOWN TO BE REMOVED AND RELOCATED UNDER THIS CONTRACT.
- THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES AND BE LEGALLY DISPOSED OF.
- 10. EXISTING CEILING TILES AND FIXTURES ARE TO BE REMOVED AND SALVAGED FOR REUSE. NEW TILES AS REQUIRED TO MATCH. ALL DISCOLOURED TILES TO BE SEGREGATED IN SPECIFIC AREAS TO ACHIEVE AN EVEN COLOUR WITHIN ONE AREA. REFER TO REFLECTED CEILING PLAN I-502.
- 1. CONFIRM THAT DEMOLITION DRAWINGS ACCURATELY REFLECT THE EXTENT OF ABOVE CEILING GWB BAFFLING TO BE REMOVED AND REMOVE ANY REDUNDANT BAFFLES
- 12. THE CONTRACTOR IS TO BE RESPONSIBLE FOR ALL DAMAGES TO FINISHES, SURFACES, MATERIALS ETC., DUE TO WORK PERFORMED UNDER THIS CONTRACT AND BEARS ALL COSTS INCURRED TO MAKE GOOD. REPAIR OR REPLACE SAME TO DESIGNER'S
- 13. THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD, PROPER AND SAFE MEANS OF FIRE EXIT SHALL BE PROVIDED FROM ALL ZONES OF THE BUILDING AT ALL TIMES TO THE APPROVAL OF THE AUTHORITIES HAVING JURISDICTION.
- 14. PROTECT EXISTING PERIMETER WINDOW BLINDS DURING CONSTRUCTION BY SUITABLE METHODS TO THE APPROVAL OF THE LANDLORD/TENANT AND THOROUGHLY CLEAN BLINDS UPON COMPLETION OF WORK, IF NO PRACTICAL MEANS OF PROTECTION CAN BE FOUND, THE CONTRACTOR SHALL REMOVE THE EXISTING BLINDS AND STORE WHERE DIRECTED AND REINSTALL WHEN CONSTRUCTION IS COMPLETE.



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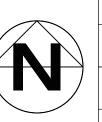
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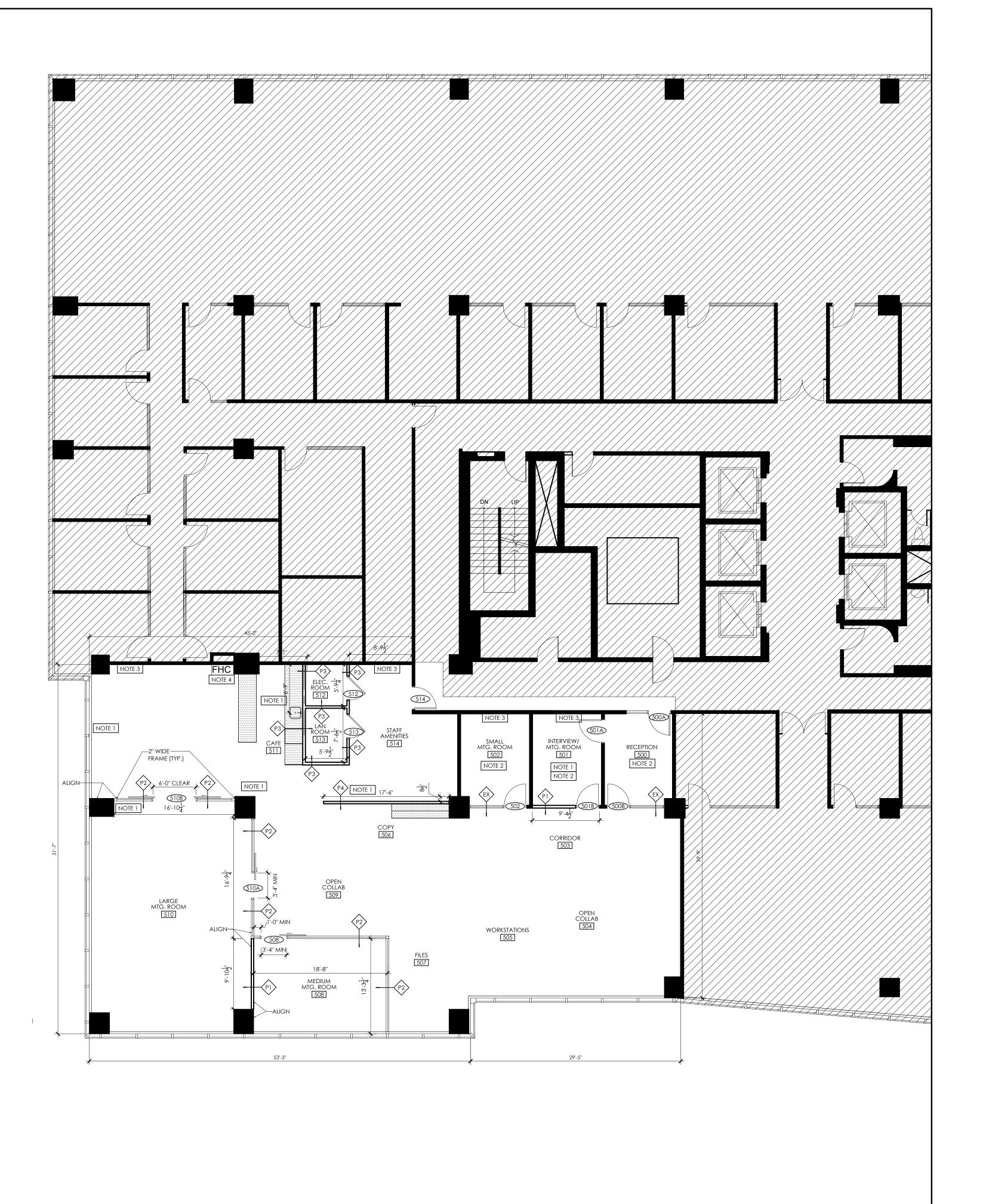


MPAC MISSISSAUGA 6925 CENTURY AVE SUITE 502 RENOVATIONS MISSISSAUGA, ON

DEMOLITION PLAN REFLECTED CEILING



date	project no.
11JUN24	24-1011
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scale	I-500.1
1/8"=1'-0"	1 500.1



### PARTITION I EGEND

PARTITION LEGEND		
SYMBOL	DETAIL	DESCRIPTION
		DENOTES EXISTING PARTITION TO REMAIN
- P1	1-501.1	NEW PARTITION ASSEMBLY "P1"  - 2 1/2" METAL STUDS AT 16" O.C ONE LAYER 1/2" BOTH SIDES - SOUND ATTENUATION BLANKET - SLAB TO U/S OF CEILING - FOIL BACKED (BOTH SIDES) RIGID INSULATION ABOVE CEILING TO U/S OF DECK (CERTAPRO THERMAL FOIL FACED BATTS BY CERTAINTEED CORP. OR EQUAL)
	2,501.1	NEW PARTITION ASSEMBLY "P2"  FINISHED FLOOR TO U/S OF CEILING  - GLAZING SYSTEM: FULL GLAZING  - FRAME FINISH: ANODIZED ALUMINUM  - SLAB TO U/S OF T-BAR  - FOIL BACKED (BOTH SIDES) RIGID INSULATION ABOVE CEILING TO U/S OF DECK  - CONTRACTOR TO ALLOW FOR FILM ON GLAZING PER OBC. REFER TO WALL FINISHES PLAN I-505.
	3 1-501.1	NEW PARTITION ASSEMBLY "P3"  - 3 5/8" METAL STUDS AT 16" O.C ONE LAYER 1/2" BOTH SIDES - CAVITY TO BE FRICTION FIT WITH SINGLE LAYER OF SECURITY MESH (CLARK DIETRICH BARRIER MESH BM10) C/W BARRIER MESH CLIPS - SLAB TO DECK - FOIL BACKED (BOTH SIDES) RIGID INSULATION ABOVE CEILING TO U/S OF DECK (CERTAPRO THERMAL FOIL FACED BATTS BY CERTAINTEED CORP. OR EQUAL)
P4	4	NEW PARTITION ASSEMBLY "P4"  - 2 1/2" METAL STUDS AT 16" O.C.  - ONE LAYER 1/2" BOTH SIDES  - SLAB TO U/S OF CEILING
		NEW OR RELOCATED MILLWORK REFER TO MILLWORK DRAWINGS AS INDICATED ON PLANS CONTRACTOR TO PROVIDE BLOCKING, AS REQUIRED.
EX		existing door & frame to remain
###		NEW DOOR & FRAME REFER TO DOOR SCHEDULE 1-507 PROVIDE DOOR HEADERS AS REQUIRED FOR ALL DOORS NOT FULL HEIGHT
###		NEW SLIDING DOOR REFER TO DOOR SCHEDULE I-507
FE		FIRE EXTINGUISHER
FHC		FIRE HOSE CABINET
JSM		JOB SITE MEASUREMENT
AFF		ABOVE FINISHED FLOOR
CCD		CRITICAL CLEAR DIMENSION
		AREA NOT IN CONTRACT (NIC)
REFER TO FURNITURE	PLAN I-506 FOR LC	CATION WHITEBOARDS, TV'S ETC.

### DRAWING NOTES

SYMBOL	DESCRIPTION
NOTE 1	INCLUDE TO FINISH WALLS WHERE PARTITIONS DEMOLISHED, INCLUDING CORNER GUARDS AS REQUIRED TO MATCH EXISTING. PATCH AND MAKE GOOD TO LEVEL 4 FINISH TO RECEIVE NEW FINISHES. WHERE CARPET AND BASE REMOVAL SCARS, INCLUDE TO PATCH AND REPAIR TO MATCH. COORDINATE WITH I-504 FLOOR FINISHES PLAN AND I-505 WALL FINISHES PLAN.
NOTE 2	INCLUDE TO PATCH AND REPAIR WALLS WHERE MILLWORK/WALLCOVERINGS MODIFIED/REMOVED/RELOCATED TO LEVEL 4 FINISH TO RECEIVE NEW FINISHES, INCLUDING ANY HOLES, SCRAPES, HANGERS, BRACKETS, OR IMPERFECTIONS. COORDINATE WITH 1-505 WALL FINISHES PLAN.
NOTE 3	GC TO INCLUDE TO INSPECT EXISTING WALL CONDITION. IF PARTITION EXTENDS TO T-BAR ONLY, INCLUDE TO FINISH TO SLAB PER PARTITION TYPE P3. REFER TO PARTITION DETAILS I-501.1.
NOTE 4	GC TO INCLUDE TO SUPPLY AND INSTALL FILM ON EXISTING FIRE HOSE CABINET. REFER TO DOOR SCHEDULE 1-507 FOR ELEVATION OF FILM DESIGN.

### LANDLORD NOTES

. MECHANICAL FASTENING TO WINDOW FRAMES, CONVECTOR COVERS OR ACOUSTIC TILE CEILING GRID IS NOT PERMITTED. WHENEVER TENANT IMPROVEMENTS ABUT SUCH COMPONENTS, FOAM GASKETS OR TAPES SHALL BE PROVIDED BETWEEN THE IMPROVEMENTS AND SUCH BASE BUILDING COMPONENTS TO PREVENT DAMAGE TO THE COMPONENT

### PARTITION NOTES

PRIOR TO INSTALLATION.

- THIS DRAWINGS & NOTES TO BE READ IN CONJUNCTION WITH GENERAL NOTES, REFER TO DRAWING #I-000.
- 2. THE ENTIRE DRAWING PACKAGE TO BE REFERENCED AND REVIEWED AS A WHOLE.
- 3. THIS DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS AND SPECIFICATIONS.
- 4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONSTRUCTION SPECIFICATIONS AND DOCUMENTS.
- 5. THE CONTRACTOR IS TO READ REFLECTED CEILING PLAN I-502 IN CONJUNCTION WITH PARTITION PLAN TO ESTABLISH EXACT LOCATION OF PARTITIONS.
- 6. REFER TO REFLECTED CEILING PLAN DRAWING I-502 FOR DRYWALL CEILING AND FLUSH (MUD-IN) LIGHT FIXTURE DETAILS.
- 7. REFER TO ELECTRICAL AND MECHANICAL ENGINEER'S DRAWINGS FOR FURTHER SPECIFICATIONS. DISCREPANCIES BETWEEN THE DESIGNERS' AND ENGINEERS' DRAWINGS ARE TO BE REPORTED TO THE DESIGNER IN WRITING.

8. THE CONTRACTOR IS TO COORDINATE WITH THE TENANT'S CABLING CONSULTANTS,

- REFER TO DRAWING I-503.
- THE CONTRACTOR IS TO CHECK ALL SITE CONDITIONS PRIOR TO SUBMITTING QUOTATION.
- 10. THE CONTRACTOR IS TO VERIFY ALL JOB DIMENSIONS, ALL DRAWING DETAILS, ALL SPECIFICATIONS, AND REPORT ANY DISCREPANCIES IN WRITING TO THE DESIGNER
- 11. ALL TEMPORARY BUILDING SHUTDOWNS ARE TO BE COORDINATED BY THE CONTRACTOR WITH LANDLORD.
- 12. FINAL CLEANING SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, INCLUDING CLEANING OF FLOORS, WALLS, CONVECTORS, BLINDS, ALL GLAZING AND CEILING, PROFESSIONALLY STEAM CLEAN OF CARPET AND WAXING OF HARD SURFACES
- SUBMIT SHOP DRAWINGS TO THE DESIGNER FOR APPROVAL OF ALL MILLWORK ITEMS, DOOR ASSEMBLIES & HARDWARE AND WASHROOM FIXTURES & ACCESSORIES.

  14. THE CONTRACTOR IS TO PROVIDE ELEVATOR CAB BLANKET PROTECTION AND

FLOORING PROTECTION DURING CONSTRUCTION PERIOD.

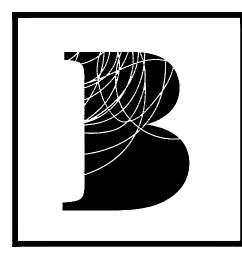
13. PRIOR TO FABRICATION AND ORDERING OF MATERIALS, THE CONTRACTOR IS TO

- 15. ALL PARTITIONS TO BE MARKED ON THE FLOOR AND APPROVED BY DESIGNER PRIOR TO INSTALLATION OF STUDS.
- 16. THE CONTRACTOR IS TO MAKE GOOD ALL FLOORS, BASES, WALLS, CORE PARTITIONS, COLUMNS AND CEILINGS SUITABLE TO ACCEPT NEW FINISHES OR MATERIALS. THE CONTRACTOR IS TO VISIT SITE TO EVALUATE EXTENT OF WORK PRIOR TO BID SUBMISSION
- 17. WHERE NEW WORK CONNECTS WITH EXISTING AND/OR WHERE EXISTING WORK IS ALTERED: ENSURE NECESSARY CUTTING, FITTING AND TIE-INS REQUIRED TO BE SATISFACTORY AND PERFORMED UNDER THIS CONTRACT.
- 18. PROVIDE WOOD BLOCKING WHERE NECESSARY WITHIN PARTITIONS AND WITHIN CEILING SPACE WHEREVER SHELVING, CABINETS, TV'S, WHITEBOARDS, EQUIPMENT OR WALL AND CEILING FIXTURES AND ACCESSORIES MAY GO.
- 19. THE CONTRACTOR IS TO CONSULT WITH MECHANICAL CONSULTANT TO ENSURE READY ACCESS FOR MAINTENANCE TO ALL MECHANICAL UNITS BEFORE NEW PARTITIONS AND CEILINGS ARE ERECTED AND INSTALLED.
- 20. SOUND ATTENUATION BLANKET IN PARTITIONS TO BE CONTINUOUS BEHIND ALL POWER AND COMMUNICATION WALL OUTLETS AND ACROSS DOOR/WINDOW HEADERS WITHOUT INTERRUPTION TO PREVENT SOUND TRANSFER.
- 21. MAINTAIN CONTINUOUS SOUND ATTENUATION AT PERIMETER CONVECTOR UNIT CAVITIES AND AT SOUND ATTENUATED PARTITION CONNECTIONS.
- 22. COMPLETE INSTALLATION TO BE SMOOTH, LEVEL OR PLUMB, FREE FROM WAVES AND OTHER DEFECTS AND READY TO ACCEPT SPECIFIED FINISH.
- ALL WOOD SOLIDS AND VENEERS TO BE FIRE TREATED AS NECESSARY TO MEET BUILDING CODE REQUIREMENTS.
- ALL EXPOSED EDGES OF GWB TO BE TRIMMED WITH J-MOULD OR CORNER BEAD OR AS OTHERWISE DETAILED.
- 25. DO NOT APPLY GWB UNTIL BUCKS, ANCHORS AND BLOCKING, ELECTRICAL AND MECHANICAL WORK HAVE BEEN INSPECTED AND APPROVED BY DESIGNER.26. MAINTAIN REQUIRED FIRE RATING AROUND MECHANICAL AND ELECTRICAL
- EQUIPMENT AND OTHER PENETRATIONS AT ALL TIMES.
- 27. ERECT ACCESSORIES STRAIGHT, PLUMB OR LEVEL, RIGID AND AT THE PROPER PLANE.28. PARTITIONS NOT DIMENSIONED ARE TO BE TYPICALLY LOCATED ON THE CENTER OF
- THE CEILING GRID.

  29. DIMENSIONS FOR NEW PARTITIONS ARE TO BE ESTABLISHED FROM THE CENTERLINE OR
- FINISHED FACE, UNLESS OTHERWISE NOTED.

  30. ENSURE THAT ALL OPENINGS FOR GLAZING ARE SQUARE AND SOLID FOR RECEIVING
- GLASS OR GLAZING FRAMES. REFER TO DOOR & SCREEN SCHEDULE FOR DETAILS.
- 31. WHERE MULTIPLE GLAZING PANELS ARE SHOWN, ALL SECTIONS TO BE EQUAL, UNLESS NOTED OTHERWISE. REFER TO DOOR & SCREEN SCHEDULE FOR DETAILS.
- 32. UNLESS NOTED OTHERWISE, PARTITIONS SHOWN ON WINDOW MULLIONS TO BE INSTALLED CENTERED ON WINDOW MULLIONS. CAULKING FOR SOUND ATTENUATION TO BE PROVIDED FROM FLOOR TO CEILING.
- 33. WHERE NEW PARTITIONS MEET A WINDOW MULLION, CLEANLY BUILD USING
- LANDLORD APPROVED FINISH DETAILS.

  34. FILLER PANELS TO BE PROVIDED BETWEEN COLUMNS AND MULLIONS AS REQUIRED.
- 35. WHERE EXISTING PARTITIONS ARE TO BE PAINTED AND/OR RECEIVE NEW WALLCOVERING, REMOVE EXISTING WALL FINISH, FILL AND SAND AS REQUIRED.
- 36. PROVIDE DOUBLE SIDED FOAM ACOUSTICAL TAPE OR GASKET WHERE PARTITIONS MEET WITH CORE WALLS, COLUMNS, CONVECTORS, COVERS, SLAB AND CEILING.
- 37. ALL DOORS TO BE 6" AWAY FROM PARTITIONS ON HINGED SIDE OF DOOR UNLESS NOTED OTHERWISE.
- 38. UNDERCUT DOORS TO ALLOW FOR 1/8" CLEARANCE ABOVE FINISHED FLOOR WHERE REQUIRED.
- 39. WHERE STRUCTURAL MEMBERS PENETRATE FULL HEIGHT PARTITIONS, PROVIDE ACOUSTICAL SEAL AND FINISH OPENING TO BE APPROVED BY LANDLORD/OWNER.
- 40. PLUMBING FIXTURES TO BE AS SPECIFIED WITH THE REQUIRED SUPPORT, ACCESSORIES AND ALL DRAINAGE, VENT AND WATER CONNECTIONS AS REQUIRED. REFER TO ENGINEERING DRAWINGS.
- 11. REFER TO POWER & COMMUNICATIONS DRAWING I-503 FOR LOCATIONS OF NEW OUTLETS AND CONDUITS. ALLOW FOR CUTTING AND PATCHING OF ON EXISTING PERIMETER WALLS.
- 42. DESIGNER TO APPROVE ACCESS PANEL LOCATION(S) PRIOR IN INSTALLATION.43. REFER TO I-504 FOR WALL BASE DETAILS.



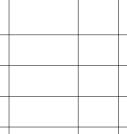
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REVISIONS

07 18JUL24 AH ISSUED FOR TENDER
06 27MAY24 AH ISSUED FOR COORDINATION
05 23MAY24 AH ISSUED FOR 90% REVIEW
04 15MAY24 AH ISSUED FOR COORDINATION
03 16APR24 CC ISSUED FOR COORDINATION
02 10APR24 CC ISSUED FOR 50% REVIEW
01 01APR24 CC ISSUED FOR COORDINATION
no. date by description

description



oject title

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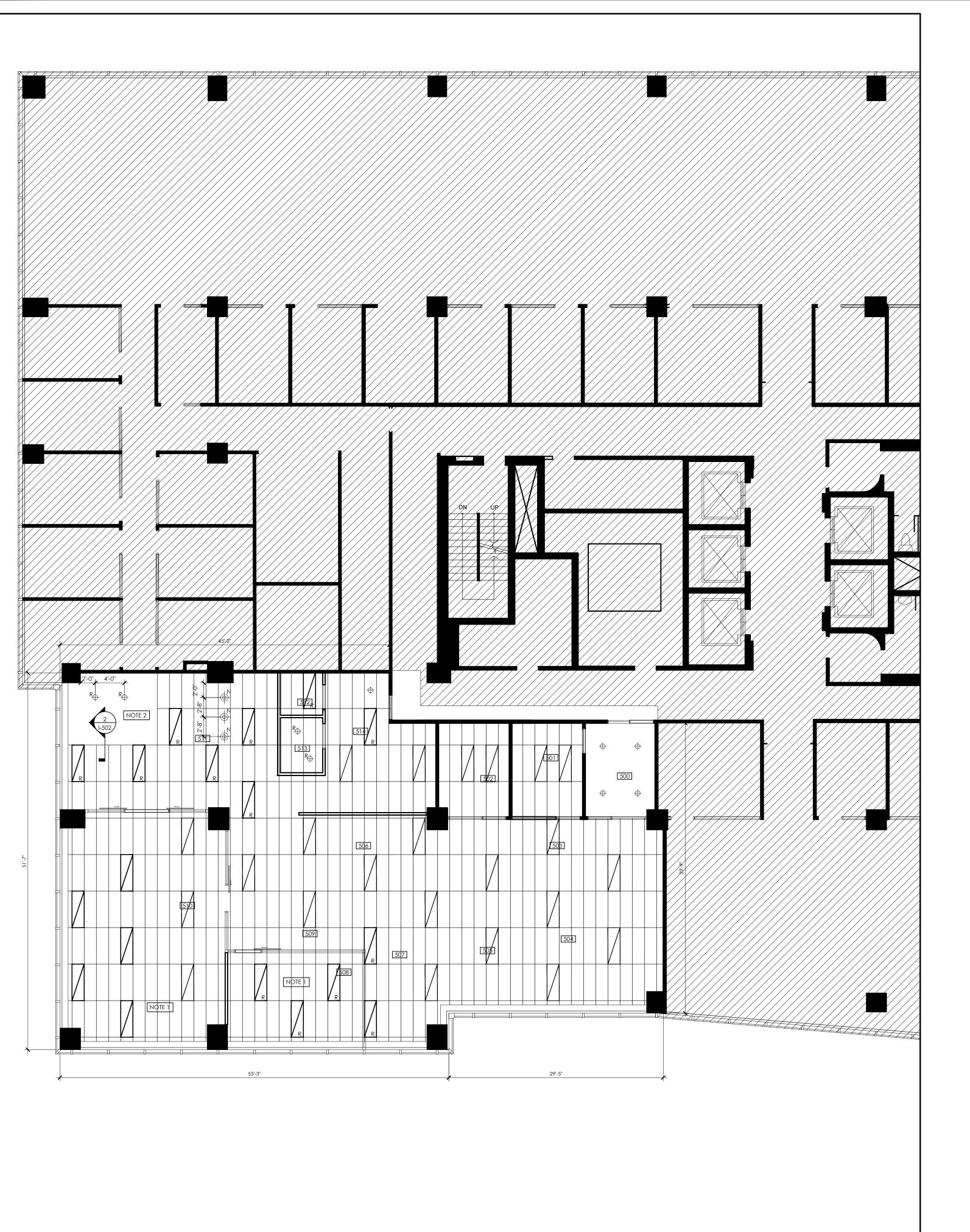
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drawing title

PARTITION PLAN



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### LIGHTING LEGEND

SYMBOL	DESCRIPTION	
	DENOTES EXISTING PARTITION TO REMAIN	
	DENOTES EXISTING RELOCATED	
	EXISTING BASE BUILDING STANDARD LUMINARIES TO REMAIN  MANUFACTURER: EXISTING  MODEL: EXISTING  SIZE: 20" x 60"  COORDINATE WITH ELECTRICAL ENGINEER'S DRAWINGS	
<b>+</b>	EXISTING RECESSED DOWNLIGHT  MANUFACTURER: EXISTING  MODEL: EXISTINGSIZE: 4"  COORDINATE WITH ELECTRICAL ENGINEER'S DRAWINGS	
-	NEW PENDANT LIGHT  MANUFACTURER: KUZCO SERIES: HELENA PD9108 TYPE: SPUN METAL SHADE TRIM: WHITE/SILVER FINISH LAMP: LED 13W/120V, 3000K  COORDINATE WITH ELECTRICAL ENGINEER'S DRAWINGS	
N	DENOTES NEW	
R	DENOTES RELOCATED	
	AREA NOT IN CONTRACT (NIC)	

### CEILING LEGEND

SYMBOL	DESCRIPTION	
	EXISTING T-BAR GRID TO REMAIN LOCATION: THROUGHOUT MANUFACTURER: EXISTING CEILING HEIGHT: 9'-0" A.F.F. THROUGHOUT GRID SIZE: 20" X 60" SUSPENSION: CLASSIC HOOK COLOUR: WHITE	
+ + + + + + + + + + + + + + + + + + + +	EXISTING GWB CEILING TO REMAIN LOCATION: RECEPTION LOUNGE 502 CEILING HEIGHT: 9'-0" AFF	

### DRAWING NOTES

DRAWING NOILS	
SYMBOL	DESCRIPTION
NOTE 1	WHERE EXISTING SWITCHES CONFLICT WITH LOCATION OF PROPOSED NEW MEDIA STATION LOCATION, INCLUDE TO RELOCATE AS NECESSARY. COORDINATE WITH ENGINEER'S DRAWINGS.
NOTE 2	EXISTING GWB CEILING TO REMAIN, WHERE INDICATED. INCLUDE TO PATCH AND REPAIR GWB CEILING AND/OR T-BAR WHERE AFFECTED BY PARTITION DEMOLITION. ENSURE CEILING ALIGNS WITH EXISTING GRID.

### REFLECTED CEILING NOTES

- 1. THIS DRAWINGS & NOTES TO BE READ IN CONJUNCTION WITH GENERAL NOTES, REFER TO DRAWING I-000.
- 2. THE ENTIRE DRAWING PACKAGE TO BE REFERENCED AND REVIEWED AS A WHOLE.
- 3. THIS DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS AND SPECIFICATIONS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONSTRUCTION SPECIFICATIONS AND DOCUMENTS.
- 5. REFER TO POWER AND COMMUNICATION LEGEND AND NOTES.

ACCORDANCE WITH THE LOCAL BUILDING CODE.

EQUIPMENT AS REQUIRED BY THE LOCAL BUILDING CODE.

- 6. CEILING HEIGHT: 9'-0" A.F.F., UNLESS NOTED OTHERWISE.
- 7. CONTINUE CEILING AS REQUIRED WHERE PARTITIONS HAVE BEEN REMOVED.
- 8. MECHANICAL AND ELECTRICAL CONSULTANT'S TO EXAMINE SITE BEFORE PROCEEDING WITH THE NECESSARY DRAWINGS.
- 9. ELECTRICAL ENGINEERING CONSULTANT IS RESPONSIBLE FOR CALCULATING AND SPECIFYING THE APPROPRIATE LIGHT LEVELS FOR THE DESIGN OF THE SPACE IN
- 10. THE CONTRACTOR SHALL USE THIS DRAWING FOR THE LOCATION OF FIXTURES AND FITTINGS AND INCLUDE ITEMS AS MECHANICAL CONSULTANT DRAWINGS AND SPECIFICATIONS FOR TECHNICAL INFORMATION INCLUDING: CIRCUITRY, POWER REQUIREMENTS, NIGHT LIGHTS, EMERGENCY LIGHTING AND FIRE PROTECTION

 EXCEPT FOR LOCATION OF FIXTURES, SUCH AS LIGHTING, POWER AND COMMUNICATION OUTLETS, ELECTRICAL AND MECHANICAL CONSULTANT'S PLANS SHALL GOVERN.

- 12. THE CONSULTING ENGINEER AND CONTRACTOR SHALL INCLUDE ITEMS OR FIXTURES AS CALLED FOR BY NAME, NUMBER AND MANUFACTURER ON THE BDA DRAWINGS.

  APPROVAL IS REQUIRED BY THE DESIGNER BEFORE PROCEEDING WITH A CHANGE IN SPECIFICATION.
- 13. THE CONTRACTOR SHALL INCLUDE CUTTING AND REPAIRING OF CEILING TILES AND GWB TO ALLOW FOR DESIGNATED MECHANICAL OR ELECTRICAL WORK.
- 14. ALL DAMAGED TILES AND T-BAR SHALL BE REPLACED. CONTRACTOR SHALL VERIFY QUANTITY AND ESTIMATE IN CONTRACT TO SUPPLY NEW AS REQUIRED TO MATCH EXISTING, IN STYLE, COLOUR AND FINISH.
- 15. ALL DISCOLOURED TILES TO BE SEGREGATED IN SPECIFIC AREAS TO ACHIEVE AN EVEN COLOUR WITHIN ONE AREA.
- 16. CONTRACTOR TO SUPPLY ADDITIONAL NEW CEILING TILES AS REQUIRED TO MATCH
- 17. WHERE EXISTING T-BAR CEILING HAS BEEN ALTERED: ALL NECESSARY CUTTING AND FITTING REQUIRED TO MAKE SATISFACTORY SHALL BE PERFORMED UNDER THIS CONTRACT.
- 18. THE CONTRACTOR IS TO CONFIRM WITH MECHANICAL CONSULTANT TO ENSURE READY ACCESS FOR MAINTENANCE OF EXISTING AND/OR NEW MECHANICAL UNITS
- BEFORE NEW PARTITIONS AND CEILINGS ARE INSTALLED.

  19. THE CONTRACTOR SHALL REUSE EXISTING FIXTURES, DIFFUSERS, SPRINKLER HEADS ETC.
- ALL LOCATIONS OF SPRINKLERS, SPEAKERS, DIFFUSERS, RETURN AIR GRILLES AND ACCESS PANELS TO BE REVIEWED AND APPROVED BY THE DESIGNER BEFORE INSTALLATION.

WHERE APPLICATION PERMITS.

- 21. CONTRACTOR TO INCLUDE FIRE DAMPERS FOR ALL RELOCATED AND/OR NEW LIGHT FIXTURES, DIFFUSERS AND RETURN AIR GRILLES TO CONFORM WITH ALL FIRE AND LOCAL BUILDING CODES (FOR PROJECTS WHERE APPLICABLE).
- 22. WHERE FIXTURES PENETRATE A FIRE RATED CEILING, THEY SHALL BE ENCLOSED WITH A SUITABLE FIRE RATED ENCLOSURE ABOVE THE CEILING AND MATCH THE FIRE RATED ASSEMBLY REQUIRED BY THE LOCAL BUILDING CODE REQUIREMENTS.
- 23. CONTRACTOR TO CLEAN AND INSPECT ALL EXISTING LIGHT FIXTURES, INCLUDING ONES DENOTED TO BE REMOVED AND/OR RELOCATED, FOR PROPER OPERATION AND REPAIRED AND RE-LAMP AS NECESSARY TO MAKE FULLY FUNCTIONAL PRIOR TO BEING PUT BACK INTO SERVICE. REPLACE ALL DAMAGED LENSES AS NECESSARY.
- 24. THE CONTRACTOR IS TO PROVIDE EMERGENCY AND EXIT LIGHTS AS REQUIRED BY THE LOCAL BUILDING CODE REQUIREMENTS. REFER TO ELECTRICAL CONSULTANT

DRAWINGS FOR LOCATION AND SPECIFICATIONS.

- 25. THE GENERAL CONTRACTOR IS TO INCLUDE ALL ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL WORK.
- 26. FOR CEILING HUNG WINDOW TREATMENTS, BULKHEADS, PROJECTION SCREEN ETC.,
  CONTRACTOR SHALL PROVIDE ADEQUATE STRUCTURAL BLOCKING AND FRAMING
- WITHIN THE CEILING CAVITY TO ENSURE SAFETY AND STABILITY OF INSTALLED ITEM.

  27. A REMAINING CEILING THAT IS NOT CONTINUOUS WHERE PARTITIONS AND WALLS ARE DEMOLISHED IS TO BE REPLACED TO PROVIDE A CONTINUOUS GRID.
- 28. UNLESS OTHERWISE INDICATED WITH DIMENSIONS, ALL POT LIGHTS AND WALL
- WASHERS SHALL BE LOCATED AT CENTER OF CEILING TILES OR GWB BULKHEAD.
- 29. UNLESS OTHERWISE SPECIFIED AS SWITCHES WITH INDIVIDUAL CONTROL SWITCHES AND CIRCUITS, ALL LIGHT FIXTURES SHALL BE CONTROLLED FROM BASE BUILDING ZONED SWITCHES.
- 30. ALL SWITCHES INDICATE LOCATION ONLY. REFER TO ELECTRICAL CONSULTANT'S DRAWINGS FOR CIRCUITRY OF SWITCHES AND RELATED SPECIFICATIONS.
- 31. ALL SWITCHES TO BE LOCATED 900mm-1100mm AFF.
- 32. ALL EXISTING EXPOSED BULKHEADS AND/OR DUCTS NOT BEING USED FOR MECHANICAL OR ELECTRICAL SERVICES SHALL BE REMOVED WHERE INDICATED.
- 33. THE CONTRACTOR IS TO ARRANGE AND COORDINATE ALL TEMPORARY SHUTDOWNS AS REQUIRED WITH THE LANDLORD AND/OR TENANT.
- 34. THE CONTRACTOR IS TO PROVIDE ZONE CONDUIT IN THE CEILINGS AND WALLS FOR POWER AND COMMUNICATION CABLES IN ACCORDANCE WITH THE LOCAL BUILDING CODE REQUIREMENTS.
- 35. ELECTRICAL CONSULTANT TO SPECIFY A MINIMUM QUANTITY AND SIZE FOR ALL ACCESS PANELS.
- 36. ANY DISCREPANCIES BETWEEN DESIGN AND ENGINEERING DRAWINGS TO BE REPORTED TO DESIGNER IMMEDIATELY.
- 37. CONTRACTOR TO REFER TO WALL FINISH PLAN I-505 FOR PAINT FINISHES ALL CEILING DETAIL.
- 38. FOR ALL MUD-IN CEILING FLUSH RECESSED LIGHT FIXTURES, CONTRACTOR TO ENSURE SMOOTH FINISH. REFER TO RECESSED LIGHT FIXTURE DETAIL(S) I-502.
- 89. ALL NEW AND RELOCATED LIGHTS MUST BE CHAIN HUNG DIRECTLY FROM THE CEILING INDEPENDENT FROM THE T-BAR CEILING SUSPENSION SYSTEM (IF APPLICABLE).

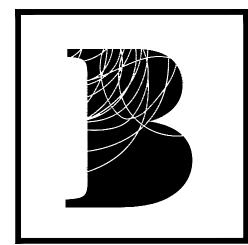
  40. MECHANICAL FASTENING TO WINDOW FRAMES, CONVECTOR COVERS, OR
- THE IMPROVEMENTS AND SUCH BASE BUILDING COMPONENTS TO PREVENT DAMAGE TO THE COMPONENT FINISHES.

  41. NEW EXIT LIGHTS TO BE PROVIDED. SPEC: BEGHELLI STELLA RM, SL-RM 12" X 7.5" X 2.25".

COORDINATE WITH ENGINEER'S DRAWINGS.

ACOUSTIC TILE CEILING GRID IS NOT PERMITTED. WHEREVER TENANT IMPROVEMENTS

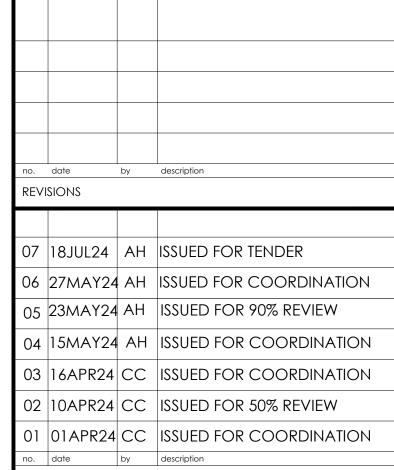
ABUT SUCH COMPONENTS, FOAM GASKETS OR TAPES SHALL BE PROVIDED BETWEEN



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- ALL MEASUREMENTS MUST BE VERIFIED ON SITE BY CONTRACTOR AND REPORT ANY DISCREPANCIES TO BENNETT DESIGN ASSOCIATES INC. BEFORE PROCEEDING WITH THE WORK.
   DO NOT SCALE DRAWINGS.





MPAC MISSISSAUGA 6925 RENOVATIONS SUITE 502 RENOVATIONS MISSISSAUGA, ON

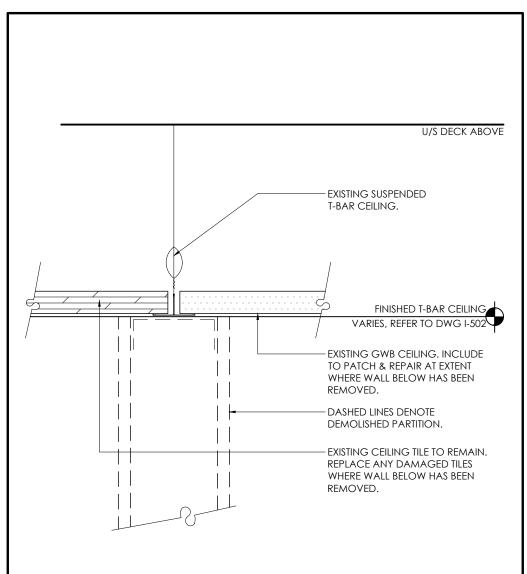
drawing title

ISSUED

REFLECTED CEILING PLAN



	date	project no.
	11JUN24	24-1011
	drawn by	cad file:
	TL	24-1011-I-502
	checked by	drawing no.
/	AH	
	scale 1/8"=1'-0"	I-502



SECTION AT GWB CEILING

3" = 1'-0"



SYMBOL	DESCRIPTION
	denotes existing partition to remain
	DENOTES NEW PARTITION
Ф	NEW WALL MOUNTED DUPLEX RECEPTACLE (TO MATCH EXISTING HEIGHT OR 16" AFF)
$\Phi_{DSB}$	NEW WALL MOUNTED DUPLEX RECEPTACLE WITH USB-C CONNECTION (TO MATCH EXISTING HEIGHT OR 16" AFF)
<b>\$</b> #	NEW WALL MOUNTED DUPLEX RECEPTACLE (TO MATCH EXISTING HEIGHT OR 16" AFF)
<del> </del>	NEW WALL MOUNTED QUAD RECEPTACLE (TO MATCH EXISTING HEIGHT OR 16" AFF)
#	NEW WALL MOUNTED QUAD RECEPTACLE AT #" ABOVE FINISHED FLOOR
	WALL MOUNTED FEED FOR POWER FROM WALL INTO FURNITURE SYSTEM FOR DIRECT CONNECTION AND CABLING INTO FURNITUR SYSTEM
W	HARNESS TO BE SUPPLIED BY FURNITURE DEALER HARDWIRE CONNECTION BY ELECTRICAL CONTRACTOR
<b></b> #	# INDICATES NUMBER OF STATIONS TO BE SUPPLIED EACH WORKSTATION TO RECEIVE:
	(4) DUPLEX RECEPTACLES
<b>₩</b>	EXISTING FLOOR MOUNTED DUPLEX AND DATA RECEPTACLE(S) TO REMAIN
4	NEW WALL MOUNTED COMBINATION VOICE/DATA OUTLET (1 DROP, TO MATCH EXISTING HEIGHT OR 16" AFF), CAT6 OR NEWER
<b>7</b> #	NEW WALL MOUNTED COMBINATION VOICE/DATA OUTLET (1 DROP) AT #" ABOVE FINISHED FLOOR, CAT6 OR NEWER
WS	TOUCHLESS WAVE SENSOR FOR DOOR SERIES: CAMDEN CONTROLS CM-330 HANDS FREE SWITCHES SIZE: DOUBLE GANG COLOUR: STAINLESS STEEL MOUNTED AT 42" A.F.F., O.C. NOTE: TO INCLUDE ELECTRONIC DOOR OPERATOR. REFER TO DOOR AND HARDWARE SCHEDULE FOR DETAILS.
CR	CARD READER - MOUNTED AT 42" A.F.F., O.C. LOCATION FOR COORDINATION ONLY, SECURITY CONSULTANT TO INSTALL. COORDINATE WITH ELECTRICAL ENGINEER'S DRAWINGS.
ES	ELECTRIC STRIKE - MOUNTED AT 42" A.F.F., O.C. COORDINATE WIT ELECTRICAL ENGINEER'S DRAWINGS.
KP	KEYPAD - MOUNTED @ 42" A.F.F., O.C. LOCATION FOR COORDINATION ONLY, SECURITY CONSULTANT TO INSTALL. REFE TO ENGINEERING & SECURITY CONSULTANT DRAWINGS FOR COMPLETE SPECIFICATION
USB	USB-C RECEPTACLE
ADO	NEW AUTOMATIC DOOR OPERATOR; HORTON OR EQUAL
[T]	CONNECTRAC MODEL: ON CARPET RACEWAY COLOUR: TBD NOTES: ALLOW FOR 2x POWER PER SEAT, COORDINATE WITH I-50 FURNITURE PLAN AND REFER TO ENGINEERING DRAWINGS FOR FI SPECIFICATION. EXACT LOCATION TO BE COORDINATED ONSITE PRIOR TO INSTALLATION.
x_	SURFACE MOUNTED WIREMOLD PERIMETER WALLS BELOW WINDOWS MODEL: COLOUR: TBD NOTES: ALLOW FOR 2x POWER PER SEAT, COORDINATE WITH I-50 FURNITURE PLAN AND REFER TO ENGINEERING DRAWINGS FOR FI SPECIFICATION. EXACT LOCATION TO BE COORDINATED ONSITE PRIOR TO INSTALLATION.
WAP	WIRELESS ACCESS POINT - COORDINATE WITH ELECTRICAL ENGINEER'S DRAWINGS
ELEC	NEW RECESSED ELECTRICAL PANEL. REFER TO ENGINEERING DRAWINGS FOR FURTHER DETAILS.
REL	DENOTES RELOCATED ELECTRICAL EQUIPMENT.
REL E	DENOTES RELOCATED ELECTRICAL EQUIPMENT.  DENOTES EXISTING ELECTRICAL EQUIPMENT TO REMAIN

### EQUIPMENT LEGEND

SYMBOL	DESCRIPTION
E1	MAIL MACHINE (RELOCATED FROM EXISTING SITE) MANUFACTURER: PITNEY BOWES MODEL: DM 125 DESKTOP MAILING SYSTEM SIZE: 13.6" W x 15.8" D x 9.7" H
E2	COPIER (RELOCATED FROM EXISTING SITE) MANUFACTURER: RICOH MULTIFUNCTION COLOUR MODEL: MP C4503 SIZE: 23.1" W x 27" D x 37.9" H
(E3)	TELEVISION (SUPPLY AND INSTALL BY MPAC) NOTES: QUANTITIES AND SIZES TO BE CONFIRMED BY MPAC. MPAC TO PROVIDE ALL A/V REQUIREMENTS AS NECESSARY. AT EACH TELEVISION LOCATION, GC TO ENSURE MINIMUM 4x OUTLETS, 1x DATA DROP FOR TELEVISION CONNECTION(S).
E4	KETTLE (SUPPLY TO BE CONFIRMED BY MPAC)
E5	REFRIGERATOR (NEW/RELOCATED FROM EXISTING SITE BY MPAC) MANUFACTURER: GENERAL ELECTRIC MODEL: ENERGY STAR 15.5 CUBIC FT TOP-FREEZER, GTE16DTHWW COLOUR: WHITE SIZE: 28" W x 31-5/8" D x 64-3/4" H
(E6)	MICROWAVE (RELOCATED FROM EXISTING SITE) MANUFACTURER: WHIRLPOOL MODEL: 1.6 CUBIC FT COUNTERTOP MICROWAVE, YWMC30516HW SIZE: 21.75" W x 17.25" D x 13" H
Œ7	COFFEE MAKER (RELOCATED FROM EXISTING SITE) MANUFACTURER: MULDOON'S MODEL: CX3 TOUCH SIZE: 20" W x 18" D x 18" H NOTES: GC TO INCLUDE TO REROUTE EXISTING DISHWASHER WATERLINE/PLUMBING CONNECTION TO COFFEE MAKER WHERE NECESSARY, INCLUDING WATER CHILLER AND FILTRATION SYSTEM IF REQUIRED. MPAC VENDOR TO COORDINATE RELOCATION, SUPPLY, AND INSTALL OF COFFEE MAKER.
(E8)	MOBILE TV CART (SUPPLY AND INSTALL BY MPAC)

### DRAWING NOTES

AND 1x DATA DROP WHERE NECESSARY. CLIENT TO CONFIRM TELEVISION LOCATIONS AND SIZES.  IN WORK CAFE 511, TELEVISION TO BE INSTALLED @ 66" AFF, W POWER AND COMMUNICATION PLUGIN @ 76" AFF. SUPPLY A INSTALL OF TELEVISION AND APPLE TV CONNECTION BY MPARLOCATION TBD ONSITE.  GC TO ALLOW FOR 2x WAP CONNECTIONS THROUGHOUT	SYMBOL	DESCRIPTION
POWER AND COMMUNICATION PLUGIN @ 76" AFF. SUPPLY A INSTALL OF TELEVISION AND APPLE TV CONNECTION BY MPAILOCATION TBD ONSITE.  GC TO ALLOW FOR 2x WAP CONNECTIONS THROUGHOUT	NOTE 1	WHERE TELEVISIONS INSTALLED, INCLUDE MINIMUM 1x POWER AND 1x DATA DROP WHERE NECESSARY. CLIENT TO CONFIRM TELEVISION LOCATIONS AND SIZES.
	NOTE 2	IN WORK CAFE 511, TELEVISION TO BE INSTALLED @ 66" AFF, WI POWER AND COMMUNICATION PLUGIN @ 76" AFF. SUPPLY AN INSTALL OF TELEVISION AND APPLE TV CONNECTION BY MPAC LOCATION TBD ONSITE.
NOTE 3  SPACE. INCLUDE FOR ~20-0" OF ADDITIONAL CABLE, COILED CEILING PLENUM, FOR FUTURE FLEXIBILITY AS NECESSARY. COORDINATE WITH ENGINEER'S DRAWINGS.	NOTE 3	SPACE. INCLUDE FOR ~20'-0" OF ADDITIONAL CABLE, COILED I CEILING PLENUM, FOR FUTURE FLEXIBILITY AS NECESSARY.
SERVER RACK (+/- 24" W x 30" D) TO BE SUPPLIED AND INSTALIBLY MPAC.	NOTE 4	SERVER RACK (+/- 24" W x 30" D) TO BE SUPPLIED AND INSTALLE BY MPAC.
	NOTE 5	INCLUDE TO SUPPLY AND INSTALL MINIMUM ONE SHEET OF $\frac{3}{4}$ " D 48" W x 96" H CANPLY EXTERIOR-GRADE FIRE-RATED PLYWOOD BACKBOARD, MOUNTING LOCATION TBD.
DUPLEX PROVIDED AT HEIGHT ABOVE FINISHED FLOOR AS NO FOR SOUND MASKING.	NOTE 6	DUPLEX PROVIDED AT HEIGHT ABOVE FINISHED FLOOR AS NOT FOR SOUND MASKING.

### POWER & COMMUNICATION NOTES

- THIS DRAWINGS & NOTES TO BE READ IN CONJUNCTION WITH GENERAL NOTES, REFER TO DRAWING #I-000.
- 2. THE ENTIRE DRAWING PACKAGE TO BE REFERENCED AND REVIEWED AS A WHOLE.
- 3. THIS DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS AND SPECIFICATIONS.
- 4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONSTRUCTION SPECIFICATIONS AND DOCUMENTS.
- 5. REFER TO I-502 FOR LOCATION OF LIGHT FIXTURES. COORDINATE WITH ENGINEER'S DRAWINGS FOR SWITCHING.
- 6. REFER TO ELECTRICAL AND MECHANICAL CONSULTANT'S DRAWINGS FOR SPECIAL CONDITIONS, CIRCUITRY, THERMOSTATS AND FIRE PROTECTION EQUIPMENT.
- 7. NOTE TO CONSULTING ENGINEERS: LOCATIONS FOR THERMOSTATS, DIFFUSERS, OUTLETS, HEATERS, ACCESS PANELS, ENUNCIATOR PANELS AND FIRE BELLS MUST BE VERIFIED WITH THE DESIGNER.
- 8. ANY DISCREPANCIES OR DEVIATIONS MUST BE REPORTED TO THE DESIGNER IN WRITING PRIOR TO INSTALLATION.
- LOCATIONS OF POWER AND COMMUNICATION OUTLETS FOR GENERAL PURPOSES
   ARE INDICATED ON THIS DRAWING. REFER TO ELECTRICAL ENGINEERING DRAWINGS
   FOR ALL CIRCUITRY AND SPECIAL OUTLET CONDITIONS, ETC.
- 10. FINAL LOCATION FOR ALL ELECTRICAL OUTLETS TO BE CONFIRMED ON SITE BY DESIGNER PRIOR TO INSTALLATION.
- 11. WHERE BASE-POWER-IN IS LOCATED ON THIS DRAWING, ALL TELEPHONE AND COMMUNICATIONS WILL BE INSTALLED THROUGH FURNITURE SYSTEM AND THEREFORE REQUIRES EXTRA LENGTH OF CABLE.
- 12. BASE-POWER-IN SUPPLIED BY FURNITURE SUPPLIER, HARD WIRE CONNECTION AND ANY SPECIAL COVER PLATES BY ELECTRICAL CONTRACTOR.
- 13. EXISTING FLOOR OUTLETS TO REMAIN WHERE POSSIBLE UNLESS NOTED OTHERWISE, EXISTING FLOOR MONUMENTS TO BE REMOVED AND REINSTALLED AFTER CARPET INSTALLATION.
- 14. ANY WIRING (SWITCH, THERMOSTAT, TELEPHONE, ELECTRICAL OUTLET, ETC.) IN EXISTING WALLS THAT ARE DESIGNATED TO BE DEMOLISHED, ARE TO BE REMOVED OR TERMINATED IN ACCORDANCE WITH THE LOCAL BUILDING ELECTRICAL CODES. REFER TO DEMOLITION PLAN I-500.
- 15. EXISTING TELEPHONE MONUMENTS TO BE CAPPED OR TEMPORARILY REMOVED (FOR CARPETING): TELEPHONE COMPANY TO DISCONNECT AND RECONNECT.

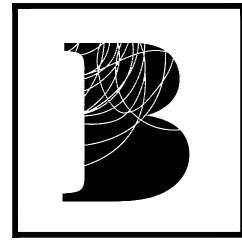
  CONTRACTOR TO COORDINATE THIS WORK WITH THE TELEPHONE COMPANY.
- 16. OUTLETS SHALL BE GANGED TOGETHER WHEREVER POSSIBLE. PROVIDE MULTI-GANG FACE PLATES. IF NOT POSSIBLE, SPACING BETWEEN COVER PLATES SHALL BE 1".
- 17. ALL OUTLETS ABOVE MILLWORK TO BE MOUNTED HORIZONTALLY.
- 18. THE CONTRACTOR SHALL SUPPLY 8-WIRE SERVICE TO ALL BASE-POWER-IN LOCATIONS INDICATED ON THIS DRAWING.
- 19. VOICE AND DATA CABLES AND COVER PLATES TO BE SUPPLIED AND INSTALLED BY OTHERS. DATA T BE BY GC.
- 20. REPLACE ALL EXISTING COVER PLATES WITH JOB STANDARD COVER PLATE.

  COVER PLATE SPEC:
- COLOUR/FINISH: WHITE
- 21. REPLACE ALL EXISTING WALL RECEPTACLES, SWITCHES, ETC., TO MATCH NEW SPECIFICATION IN TYPE AND FINISH.
- 22. EXISTING WALL OUTLETS TO REMAIN WHEREVER POSSIBLE, UNLESS NOTED OTHERWISE.
  23. ALL OUTLETS, SWITCH PLATES AND COVER PLATES TO BE INSTALLED STRAIGHT AND LEVEL AND TO MATCH IN HEIGHT AND APPEARANCE TO THOSE IN THE EXISTING
- 24. ALL NEW OUTLETS TO BE MOUNTED AT 16" AFF, UNLESS NOTED OTHERWISE.
- 25. ALL DIMENSIONS ARE TO THE CENTER LINE OF AN OUTLET OR GROUP OF OUTLETS.
- ALL DIMENSIONS ARE TAKEN FROM THE FACE OF FINISHED SURFACES UNLESS NOTED OTHERWISE.
- 27. DO NOT INSTALL WALL MOUNTED OUTLETS BACK TO BACK, STAGGER AS REQUIRED TO PREVENT SOUND TRANSFER.
- 28. ELECTRICAL ENGINEER TO CONFIRM WITH CLIENT, POWER AND DATA REQUIREMENTS OF ALL SPECIAL EQUIPMENT AND LOCATE ALL CONNECTING LINES ON ELECTRICAL
- 29. CONTRACTOR SHALL ARRANGE AND COORDINATE ALL TEMPORARY POWER SHUT DOWNS WITH BUILDING OWNER.
- 30. CONTRACTOR TO REFER TO SECURITY DRAWING FOR ALL SECURITY REQUIREMENTS (CAMERA LOCATIONS, ETC.)
- 31. CONTRACTOR TO INCLUDE DATA CABLING IN SCOPE. CONTRACTOR TO COORDINATE WITH CLIENT AND RELATED GROUPS FOR:
- A. SOUND SYSTEM
  B. SECURITY SYSTEM

DRAWINGS.

MANUFACTURER: DECORA

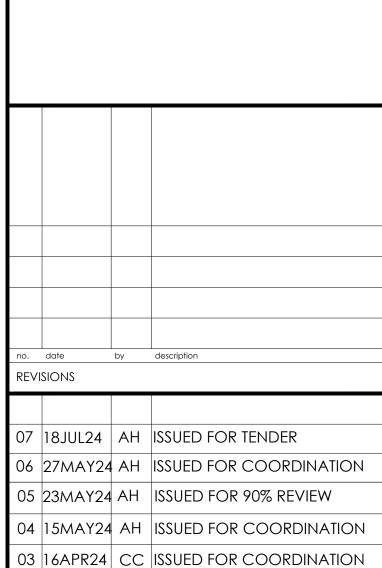
- 36. BASE POWER-IN TO BE SUPPLIED BY: FURNITURE DEALER
- 37. ELECTRICAL CONTRACTOR TO VACUUM AND REMOVE ALL DIRT AND GARBAGE FROM THE HEADER DUCTS AND SEE THAT ALL HOLD-DOWN SCREWS ARE REPLACED.
- 38. ELECTRICAL CONTRACTOR TO COMPLETE HARDWIRE CONNECTIONS FOR POWER POLES/BASE-POWER-IN TO SYSTEMS FURNITURE IN TANDEM FURNITURE INSTALLATION. REFER TO NOTE #11.
- 39. MPAC VENDOR TO UNDERTAKE RELOCATION OF COFFEE MAKER AND ANY PLUMBING
- 40. MPAC FURNITURE VENDOR TO UNDERTAKE DISCONNECT OF ANY EXISTING FURNITURE TO BE REUSED FROM EXISTING SITE, AND INSTALL AND CONNECTION OF RELOCATED FURNITURE AT NEW SITE.
- 41. MPAC SECURITY VENDOR WILL BE RESPONSIBLE FOR TERMINATING ANY CABLING RELATED TO SECURITY. IF THEY ARE UNABLE TO TERMINATE AT THE TIME OF CABLE INSTALLATION, IT WILL BE COILED AND LEFT IN CEILING UNTIL THEY CAN RETURN TO TERMINATE. NO SECURITY CABLING OR TERMINATION WILL FALL TO THE CONTRACTOR.
- 42. ALL DOORS GIVING ACCESS TO THE TENANT'S LEASED PREMISES MUST BE PROVIDED WITH LOCKSETS THAT ARE COMPATIBLE WITH THE LANDLORD'S MASTER KEY SYSTEM. SECURE THE LANDLORD'S WRITTEN APPROVAL OF THE PROPOSED LOCKS IN ADVANCE OF BEING INSTALLED.
- 43. DATA/VOICE PLENUM CABLES, CSA RATED FT-6 TO BE USED IN CEILING, SHALL BE BUNDLED TOGETHER, ROUTED TO CLEAR CEILING MOUNTED EQUIPMENT REQUIRING ACCESS FOR MAINTENANCE. SUSPEND CABLES DIRECTLY WITH BRIDLE RINGS OR J HOOKS FROM THE UNDERSIDE OF CEILING SLAB INDEPENDENT FROM THE CEILING GRID SUPPORT SYSTEM. LADDER TRAY IS NOT ACCEPTABLE.
- 44. INCLUDE TO SUPPLY AND INSTALL SOLENOID VALVES AND SENSORS ON HOT WATER TANK IN WORK CAFE.
- 45. ON ALL WATER COOLERS AND COFFEE MAKERS REQUIRING A WATER CONNECTION, INCLUDE TO SUPPLY AND INSTALL COPPER PIPING.
- 46. IF NECESSARY, LAN ROOM A/C UNITS, CONDENSER UNITS CAN BE INSTALLED ON ROOF. INCLUDE TO OBTAIN APPROVAL FROM LANDLORD PRIOR TO ANY WORK PERFORMED ON ROOF.



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MPAC MISSISSAUGA
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02 | 10APR24 | CC | ISSUED FOR 50% REVIEW

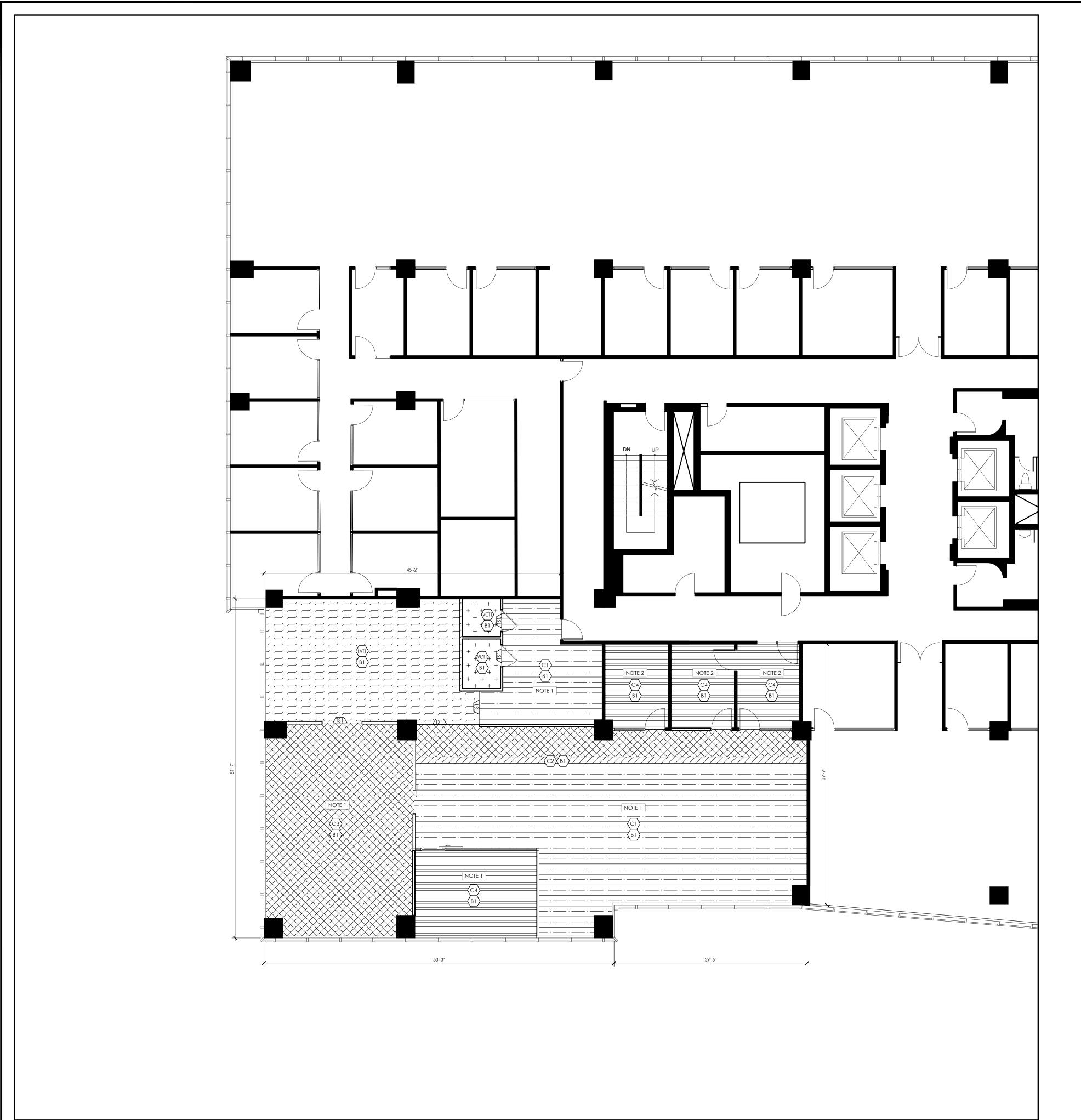
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drawing title

# POWER & COMMUNICATIONS PLAN



date	project no.
11JUN24	24-1011
drawn by	cad file:
TL	24-1011-I-503
checked by	drawing no.
АН	
1/8"=1'-0"	I-503



### FLOOR FINISH LEGEND

SYMBOL	DESCRIPTION
	DENOTES EXISTING PARTITION TO REMAIN
	DENOTES NEW PARTITION
(C1)	CARPET TILE C1 (EXISTING): THROUGHOUT MANUFACTURER: SHAW SERIES: MINIMAL COLOUR: FRINGE SIZE: EXISTING INSTALL METHOD: EXISTING SUPPLIER/TEL: NOTES:
C2	CARPET TILE C2 (EXISTING): ACCENT, THROUGHOUT MANUFACTURER: SHAW SERIES: VERTICAL EDGE COLOUR: SHIMMER FRINGE SIZE: EXISTING INSTALL METHOD: EXISTING SUPPLIER/TEL: NOTES:
	CARPET TILE C3 (EXISTING): ACCENT 2, THROUGHOUT MANUFACTURER: SHAW SERIES: MERGE TILE COLOUR: SHIMMER FRINGE SIZE: EXISTING INSTALL METHOD: EXISTING SUPPLIER/TEL: NOTES:
(C4)	CARPET TILE C4 (EXISTING): OFFICES, THROUGHOUT MANUFACTURER: SHAW SERIES: MERGE TILE COLOUR: GUNMETAL VERGE SIZE: EXISTING INSTALL METHOD: EXISTING SUPPLIER/TEL: NOTES:
	LUXURY VINYL TILE LVT1: WORK CAFE MANUFACTURER: SHAW SERIES: SURFACE COLOUR: CEMENT SIZE: 18" x 36" INSTALL METHOD: SUPPLIER/TEL: BRETT VAN PELT, 416 938 6712, brett.van.pelf@shawcontract.com
+ + + + + + + + + + + + + + + + + + +	VINYL COMPOSITE TILE VCT1: IT ROOM/ELECTRICAL ROOM MANUFACTURER: ARMSTRONG SERIES: IMPERIAL TEXTURE COLOUR: 57551 PERFECT STORM SIZE: 12" X 12" INSTALL METHOD: MONOLITHIC
	AREA NOT IN CONTRACT (NIC)

### BASE TYPE LEGEND

SYMBOL	DESCRIPTION
⟨B1⟩	VINYL WALL BASE: B1 (THROUGHOUT) MANUFACTURER: JOHNSONITE SERIES: VINYL MANDALAY BASE COLOUR: CHARCOAL 20 WG SIZE: 4.5" SUPPLIER/TEL: VICTORIA KITELEY@TARKETT.COM

### TRANSITION STRIP LEGEND

SYMBOL	DESCRIPTION
<u>/TS1\</u>	TRANSITION STRIP: TS1 (CARPET -> VCT) MANUFACTURER: JOHNSONITE SERIES: CTA OR APPROVED ALTERNATE COLOUR: CHARCOAL 30 WG

### NOTE: INSTALLER TO VERIFY TRANSITION WITH DESIGNER PRIOR TO ORDERING.

### DRAWING NOTES

	Symbol	DESCRIPTION
	NOTE 1	INCLUDE TO REUSE EXISTING SUITE CARPET AS SHOWN. INCLUDE TO SUPPLY AND INSTALL NEW CARPET AS NECESSARY TO INFILL AREAS OF EXISTING CARPET.
	NOTE 2	EXISTING OFFICE CARPET WHERE INDICATED TO REMAIN. INCLUDE TO PATCH AND REPAIR WHERE/IF WALLS REMOVED.

### FLOOR FINISH NOTES

MANUFACTURER'S DOCUMENTATION.

- THIS DRAWINGS & NOTES TO BE READ IN CONJUNCTION WITH GENERAL NOTES, REFER TO DRAWING #I-000.
- 2. THE ENTIRE DRAWING PACKAGE TO BE REFERENCED AND REVIEWED AS A WHOLE.
- 3. THIS DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS AND SPECIFICATIONS.
- 4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONSTRUCTION SPECIFICATIONS AND DOCUMENTS.
- 5. THE CONTRACTOR IS TO MAKE GOOD ALL AREAS TO RECEIVE NEW FLOOR FINISHES.
- 6. ALL MATERIALS SPECIFIED ARE TO BE SUPPLIED BY THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.
- 7. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL FLOOR FINISH SPECIFICATIONS, EXECUTION AND INSTALLATION GUIDES PROVIDED IN
- 8. CONCRETE SLAB TO BE CLEAN, SOUND AND LEVEL PRIOR TO INSTALLATION OF FLOOR FINISHES CRACKS TO BE FILLED, OLD GLUE TO BE REMOVED. THE CONTRACTOR IS TO LIFT AND DISPOSE OF OLD CARPET AND BASE AND DISPOSE OF RESPONSIBLY. REFER TO DEMOLITION PLAN I-400.
- 9. SURFACES TO RECEIVE NEW CARPET SHALL BE DRY, CLEAN AND FREE OF RIDGES AND DUST. THE CONTRACTOR IS TO ENSURE THAT THE NEW CARPET IS VACUUMED UPON COMPLETION OF INSTALLATION.
- 10. INSTALL CARPET AFTER ALL FINISHING TRADES HAVE COMPLETED THEIR WORK, EXCEPT WHERE CARPET EXTENDS UNDER PARTITIONS.
- 11. WHERE CARPET IS JOINED OR TERMINATED AT DOORWAYS, LOCATE THE SEAM OR TERMINATION UNDER DOORS IN ITS CLOSED POSITION. PROVIDE SEAMING PLAN INDICATING SEAM LOCATIONS (AWAY FROM HIGH TRAFFIC AREAS) PRIOR TO ORDERING OF GOODS FOR DESIGNER'S APPROVAL. DIRECTION OF GRAIN TO BE CONSISTENT. NO CROSS SEAMS. SEAMS TO BE AS CONCEALED AS POSSIBLE
- DRAWINGS AND FINISH SCHEDULE IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

  13. THE CONTRACTOR IS TO INSTALL ALL FLOOR FINISHES AS SPECIFIED AND AS PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, OR CONTRACTOR WILL BE

12. PROVIDE ALL SEAM WELDS AS REQUIRED TO COMPLETE THE WORK AS INDICATED ON

- HELD RESPONSIBLE FOR FAULTY APPLICATION.

  14. THE CONTRACTOR IS TO COORDINATE INSTALLATION OF CARPET WITH INSTALLATION
- OF OTHER FLOOR AND BASE MATERIALS.

  15. ALL MATERIALS TO BE AS SPECIFIED OR EQUAL ANY ALTERNATIVES ARE SUBJECT TO
- APPROVAL BY DESIGNER/CLIENT.
- 16. INSTALLER TO ENSURE SMOOTH LEVEL TRANSITION BETWEEN DIFFERENT FLOORING.17. TILES TO BE LAID IN ONE DIRECTION TO OBTAIN UNIFORM EFFECT. ABRUPT VARIATION
- 18. CONTRACTOR TO MOCK UP ALL FLOOR FINISH PATTERNS FOR DESIGNER'S/CLIENT'S REVIEW/APPROVAL PRIOR TO PERMANENT INSTALLATION.

WILL NOT BE ACCEPTABLE.

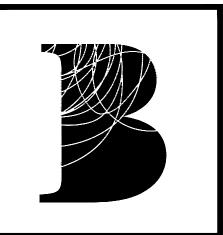
AT ALL SEAMS.

- 19. INSTALL EDGE STRIPS AT UNPROTECTED OR EXPOSED EDGES WHERE FLOORING TERMINATES
- 20. FLOOR FINISHES SHALL EXTEND UNDER ALL RADIATORS/CONVECTORS AND NEW MILLWORK UNITS.21. THE CONTRACTOR SHALL FEATHER FLOOR SLABS WHERE TILE AND CARPET MEET TO
- MAKE A SMOOTH LEVEL TRANSITION.

  22. PROTECT CARPET DURING CONSTRUCTION WITH 6 MIL POLYETHYLENE SHEETS, TAPED
- 23. CARPET CONTRACTOR TO NOTIFY DESIGNER IMMEDIATELY UPON FINDING ANY FLAWS OR DEFECTS IN CARPET, OR ANY OTHER FLOOR FINISHES.
- 24. ALL MATERIALS TO HAVE FLAME SPREAD RATING IN ACCORDANCE WITH THE

TILE OR OTHER FLOORING. FINISH PER FLOORING FINISH LEGEND.

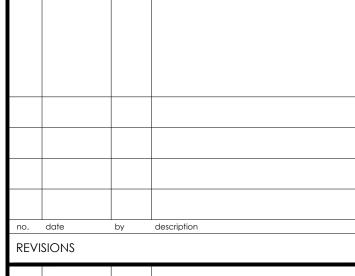
- 25. THE CONTRACTOR IS TO ENSURE SAME DYE LOT WHEN ORDERING SPECIFIED FINISHES
- 26. CARPET CONTRACTOR IS TO PROVIDE TRANSITION STRIP WHERE CARPET BUTTS VINYL
- 27. CARPET CONTRACTOR IS TO FOLLOW RECOMMENDED MANUFACTURER'S DIRECTIONS AND MATERIALS WHERE CARPET TILES WITH RELEASE GLUE ARE BEING USED.
- 28. COORDINATE WITH THE CARPET MANUFACTURER AND THE OWNER FOR FINAL QUANTITY REQUIREMENTS AND DELIVERY OF FLOOR FINISHES TO COMPLY WITH THE CONSTRUCTION SCHEDULE.
- 29. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES TO SURFACES, FINISHES AND MATERIALS DUE TO THE WORK UNDER THIS CONTRACT AND WILL BEAR ALL COSTS
- INCURRED TO MAKE GOOD, REPAIR OR REPLACE SAME TO DESIGNER'S SATISFACTION.
- 30. SUBMIT SAMPLE OF EACH TYPE OF FLOOR FINISH FOR DESIGNER'S REVIEW.
- 31. REMOVE EXCESS ADHESIVE FROM VINYL FLOOR, BASE AND WALL SURFACE WITHOUT DAMAGE. CLEAN, SEAL, WAX FLOOR AND BASE SURFACES TO FLOORING MANUFACTURER'S INSTRUCTION.
- 32. INTERIOR FINISHES TO COMPLY WITH MAXIMUM THICKNESS, FLAME SPREAD RATINGS AND SMOKE DEVELOPED CLASSIFICATIONS AS IDENTIFIED IN SUBSECTIONS 3.1.5., 3.1.12, AND 3.1.13 OF DIVISION B OF 2012 OBC, INCLUDING BEING BASED ON TRIPLICATE TESTING TO CAN/ULC \$102 OR CAN/ULC \$102.2 AS APPLICABLE. SUBMIT DOCUMENTATION TO BUILDING INSPECTOR UPON REQUEST.



### **BENNET**

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- DO NOT SCALE DRAWINGS.



03 18JUL24 AH ISSUED FOR TENDER

02 23MAY24 AH ISSUED FOR 90% REVIEW

01 10APR24 CC ISSUED FOR 50% REVIEW

no. date by description

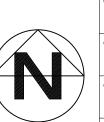


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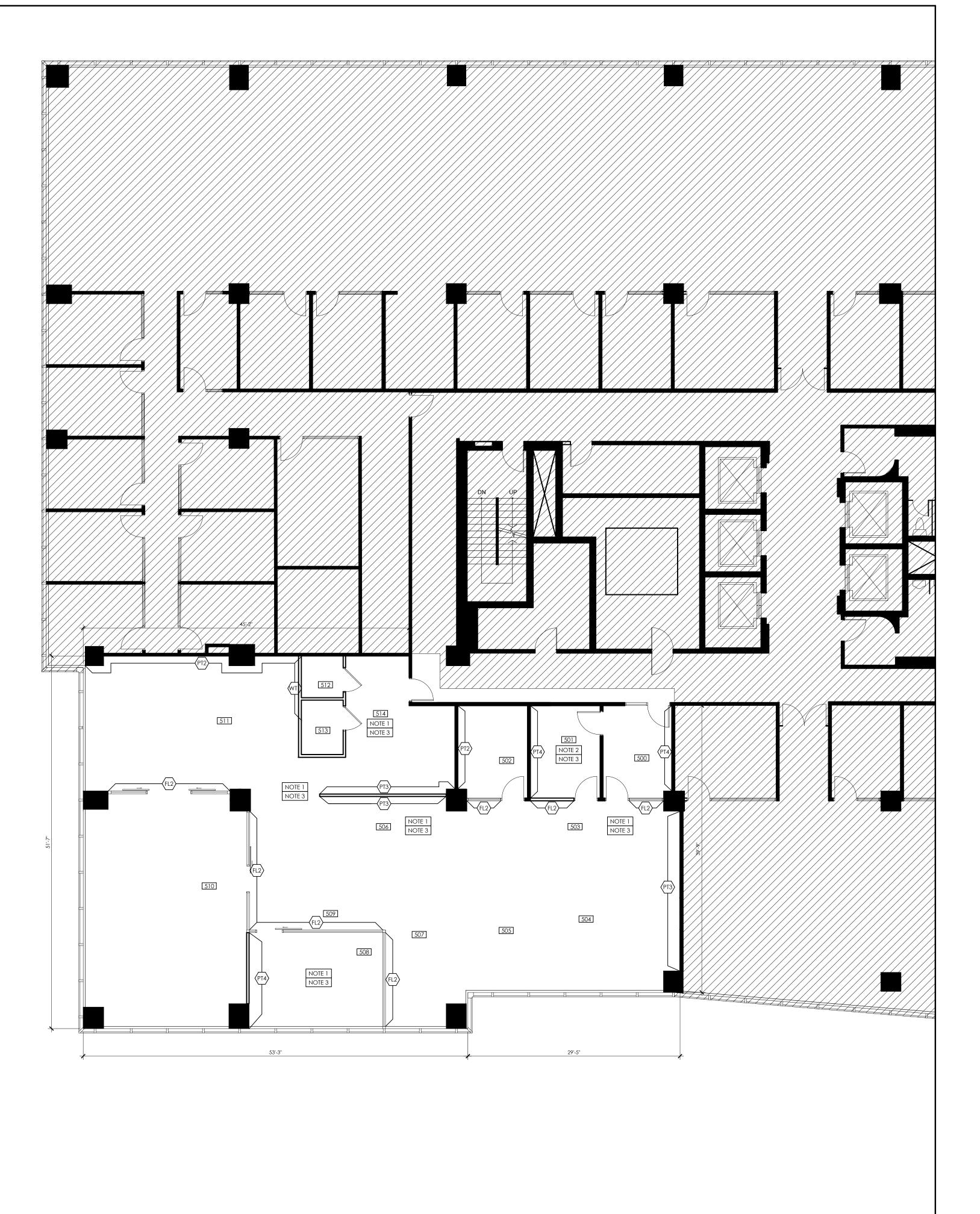
MPAC MISSISSAUGA 6925 CENTURY AVE SUITE 502 RENOVATIONS MISSISSAUGA, ON

drawing title

FLOOR FINISH PLAN



	date	project no.
	11JUN24	24-1011
	drawn by	cad file:
)	CC/TL	24-1011-I-504
]	checked by	drawing no.
	AH	
	scale 1/8"=1'-0"	I-504



### WALL FINISH LEGEND

SYMBOL	DESCRIPTION
	DENOTES EXISTING PARTITION TO REMAIN
===	DENOTES NEW PARTITION
(PTI)	FIELD PAINT: PT1 (WHITE) MANUFACTURER: BENJAMIN MOORE COLOUR: OC-68 DISTANT GRAY FINISH: EGGSHELL
(PT2)	ACCENT PAINT: PT2 (LIGHT BLUE) MANUFACTURER: BENJAMIN MOORE COLOUR: 2050-50 WATERFALL FINISH: EGGSHELL NOTE: MINIMUM 3 TOP COATS
(РТЗ)	ACCENT PAINT: PT3 (MEDIUM BLUE) MANUFACTURER: BENJAMIN MOORE COLOUR: 2062-40 BLUE DAISY FINISH: EGGSHELL NOTE: MINIMUM 3 TOP COATS
(PT4)	ACCENT PAINT: PT4 (DARK BLUE) MANUFACTURER: BENJAMIN MOORE COLOUR: 2129-30 BLUE NOTE FINISH: EGGSHELL NOTE: MINIMUM 3 TOP COATS
(PT5)	CEILING PAINT (GWB CEILING/BULKHEADS UNLESS NOTED OTHERWISE): PT5 (WHITE) MANUFACTURER: BENJAMIN MOORE COLOUR: OC-68 DISTANT GRAY FINISH: FLAT
₩TI)	WALL TILE: WT1 - WORK CAFE MANUFACTURER: OLYMPIATILE SERIES: COLOUR & DIMENSION COLOUR: ARCTIC WHITE SIZE: 4" x 8" FINISH: BRIGHT/GLOSSY GROUT: \( \frac{1}{8} \)" EPOXY, COLOUR TBD TRIM: SCHLUTER JOLLY, BRIGHT WHITE INSTALL METHOD: VERTICAL STACKED SUPPLIER/TEL: SHAUNA DART, shauna.d@olympiatile.com
(FL1)	FILM: FL1 - ALL GLAZING MANUFACTURER: 3M SERIES: DUSTED CRYSTAL, 7725SE-314 INSTALL ON FHC DOOR. COORDINATE WITH I-407 FOR INSTALLATION ON GLAZED DOORS
(FL2)	FILM: FL2 - ALL GLAZING MANUFACTURER: 3M SERIES: FARSARA, CLOUD - SH2FGCN INSTALL ON SUITE SIDE. COORDINATE WITH I-407 FOR INSTALLATION ON GLAZED DOORS AND WALLS.
(F¬) (PT#)>→	BULKHEADS TO BE PAINTED AS PER WALL FINISH PLAN
	AREA NOT IN CONTRACT (NIC)

### DRAWING NOTES

Symbol	DESCRIPTION
	WHERE ACCENT PAINT EXTENDS TO OUTSIDE CORNER, INCLUDE TO SUPPLY AND INSTALL STRIP/CORNER GUARD TO PROTECT EXPOSED CORNER FINISH WHERE NECESSARY.
NOTE 1	SPECIFICATION: BOBRICK STAINLESS STEEL CORNER GUARD SIZE: 1" X 1" X 48" HEIGHT TO PROTECT FINISH. ALLOW FOR x15 CORNER GUARDS, COORDINATE EXACT NUMBER DURING SITE WALKTHROUGH.
NOTE 2	IN INTERVIEW ROOM 502, INCLUDE TO SUPPLY AND INSTALL CHAIR RAIL AS SPECIFIED, INCLUDING BLOCKING IN WALLS WHERE NEEDED. COORDINATE WITH I-508 MILLWORK DETAILS.
	WHERE PARTITIONS DEMOLISHED, AT EXPOSED OUTSIDE CORNERS, OR AT EXPOSED CORNERS OF COLUMNS WHERE NOTED, INCLUDE TO SUPPLY AND INSTALL STRIP/CORNER GUARD TO PROTECT SECTION(S) OF PARTITIONS TO REMAIN WHERE NECESSARY.
NOTE 3	SPECIFICATION: BOBRICK STAINLESS STEEL CORNER GUARD SIZE: 1" X 1" X FULL HEIGHT TO PROTECT FINISH. ALLOW FOR x15 FULL HEIGHT GUARDS, COORDINATE EXACT NUMBER DURING SITE WALKTHROUGH.

### LANDLORD NOTES

. PAINTING OF PERIMETER CONVECTION UNITS IS NOT PERMITTED.

### WALL FINISH NOTES

- . CEILING HEIGHT: 10'-0"
  BASE HEIGHT: TO MATCH EXISTING
- 2. THIS DRAWINGS & NOTES TO BE READ IN CONJUNCTION WITH GENERAL NOTES, REFER
- TO DRAWING #I-000.

  3. THE ENTIRE DRAWING PACKAGE TO BE REFERENCED AND REVIEWED AS A WHOLE.
- 4. THIS DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS AND SPECIFICATIONS.
- 5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONSTRUCTION SPECIFICATIONS AND DOCUMENTS.
- 6. THE CONTRACTOR IS TO PROVIDE ALL MATERIALS, LABOUR, EQUIPMENT AND SERVICES AS NECESSARY FOR A SOLID INSTALLATION TO COMPLETE WORK AS
- STORE ALL MATERIALS ON SITE IN A SPACE DESIGNATED BY THE LANDLORD. SUCH STORAGE SPACE TO BE KEPT CLEAN, REMOVE ANY OIL RAGS, WASTE ETC. FROM THE

BUILDING EVERY NIGHT TO TAKE EVERY PRECAUTION TO AVOID THE DANGER OF FIRE. IN NO CASE SHALL AMOUNT OF MATERIALS EXCEED THAT PERMITTED BY LOCAL LAW.

- 8. ALL MATERIALS ARE TO BE AS SPECIFIED OR EQUAL, ANY ALTERNATIVES TO HAVE A FLAME SPREAD RATING AS REQUIRED BY LOCAL BUILDING CODE AND ARE SUBJECT TO APPROVAL BY DESIGNER/CLIENT.
- 9. THE CONTRACTOR IS TO CONFIRM ALL COLOURS, FINISHES AND MATERIALS SPECIFIED.10. SUBMIT DRAW DOWN SAMPLES OF EACH PAINT SPECIFIED FOR DESIGNER'S APPROVAL PRIOR TO APPLICATION.
- 11. CONTRACTOR TO REMOVE ANY EXISTING WALLCOVERING AND PREPARE FOR APPLICATION OF NEW FINISHES.
- 12. CONTRACTOR TO REMOVE ALL EXISTING APPLIED SIGNS, COVER PLATES, ETC., BEFORE PREPARING SURFACE FOR APPLICATION OF NEW FINISHES. REINSTALL SAME AS REQUIRED.
- REQUIRED.

  13. ALL SURFACES TO BE SANDED, FILLED AND PREPARED AS REQUIRED TO ACCEPT NEW
- 14. IF PATCHING OF GWB OCCURS, ENTIRE WALL TO RECEIVE NEW SPECIFIED FINISH.
- 15. FINISHED WORK TO BE UNIFORM, OF APPROVED COLOUR, SMOOTH AND FREE FROM RUNS, SAGS, CLOGGING AND EXCESS FLOODING. MAKE EDGE OF PAINT ADJOINING OTHER COLORS OR MATERIALS SHARP AND CLEAN WITH NO OVERLAPPING. WHERE GLASS ENAMEL IS USED, LIGHTLY SAND UNDERCOAT TO OBTAIN A SMOOTH FINISH.
- 16. AT COMPLETION CONTRACTOR TO PROVIDE TOUCH UP, RESTORE SURFACES WHERE DAMAGED AND LEAVE FINISHED SURFACES IN GOOD CONDITION.
- 17. WHEN ONE WALL FINISH IS INDICATED WITHIN ENCLOSED AREA, THIS FINISH MUST BE APPLIED TO ALL WALLS, INCLUDING VERTICAL BULKHEADS, PERIMETER WALLS AND COLUMNS, UNLESS NOTED OTHERWISE.
- 18. ALL WALLS TO BE P1, EGGSHELL FINISH, UNLESS NOTED OTHERWISE.
- 19. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES TO SURFACES, FINISHES AND MATERIALS DUE TO THE WORK UNDER THIS CONTRACT, AND WILL BEAR ALL COSTS INCURRED TO MAKE GOOD, REPAIR OR REPLACE SAME TO DESIGNER'S SATISFACTION.
- DOOR SCHEDULE FOR SPECIFICATIONS.

  21. ALL FIRE HOSE CABINET DOORS AND SURROUNDS TO MATCH SURROUNDING WALLS.

20. THE CONTRACTOR IS TO INCLUDE PAINTING OF METAL DOORS AND FRAMES. REFER TO

- 34. INTERIOR FINISHES TO COMPLY WITH MAXIMUM THICKNESS, FLAME SPREAD RATINGS AND SMOKE DEVELOPED CLASSIFICATIONS AS IDENTIFIED IN SUBSECTIONS 3.1.5., 3.1.12, AND 3.1.13 OF DIVISION B OF 2012 OBC, INCLUDING BEING BASED ON TRIPLICATE TESTING TO CAN/ULC \$102 OR CAN/ULC \$102.2 AS APPLICABLE. SUBMIT DOCUMENTATION TO BUILDING INSPECTOR UPON REQUEST.
- 35. AT CONCLUSION OF PROJECT, 1 (ONE) EXTRA CAN OF PT1 PAINT TO BE LEFT ONSITE FOR FUTURE TOUCHUPS. COORDINATE WITH CLIENT FOR LOCATION OF STORAGE.

### PAINT:

- DELIVER ALL PAINT TO SITE IN THE MANUFACTURER'S LABELED AND SEALED CONTAINERS. LABELS ARE TO GIVE THE MANUFACTURER'S NAME BRAND, BATCH NUMBER, COLOUR OF PAINT WITH PRINTED INSTRUCTIONS FOR REPRODUCING. THIN PAINT ONLY IN ACCORDANCE WITH PRINTED INSTRUCTIONS FROM MANUFACTURER.
- 2. ALL NEW SURFACES TO BE CLEAN, SMOOTH AND DRY, ALL WALLS TO RECEIVE MINIMUM ONE (1) COAT OF PRIMER AND TWO (2) COATS OF PAINT. MEDIUM AND/OR DARK COLOURED WALLS TO RECEIVE MINIMUM (1) COAT OF PRIMER AND FOUR (4) COATS OF PAINT. CONTRACTOR TO ALLOW FOR PROPER DRYING TIME FOR ALL COATS OF PAINT BEFORE APPLYING NEXT COAT OF PAINT.
- ALL GWB SURFACES: EGGSHELL FINISH PAINT TYPE: LATEX UNLESS NOTED OTHERWISE.
- ALL WOOD AND METAL SURFACES: SEMI-GLOSS FINISH PAINT TYPE: LATEX
- 3. GENERAL CONTRACTOR TO ENSURE:
- A. ALL BASE BUILDING FIRE HOSE CABINETS, ELECTRICAL PANELS ETC. TO BE PAINTED TO MATCH THE WALL FINISH ON WHICH THEY OCCUR.
- B. ALL EXPOSED WALL GRILLES, PLATES, CONDUIT, ETC. TO BE PAINTED TO MATCH THE WALL FINISH ON WHICH IT OCCURS.
- C. ALL REVEALS TO BE PAINTED AS PER WALL FINISH PLAN.
- D. ALL DOORS WITH TIMELY PRE-FINISHED FRAMES TO BE SHOP FINISHED.E. ALLOW FOR PAINT TOUCH-UPS AFTER MILLWORK AND FURNITURE INSTALLATION.

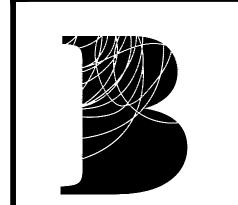
### TILE WALL FINISH NOTES:

- ALL SEAMS IN WALL TILE BASE ARE TO ALIGN WITH SEAMS IN FLOOR TILES. IF VARIANCE OCCURS, DISCUSS WITH THE DESIGNER ON SITE PRIOR TO INSTALLATION.
- 2. THE CONTRACTOR IS TO REMOVE GROUT FROM TILE FACE BEFORE IT SETS. SEAL GROUT IMMEDIATELY AFTER SETTING TO PREVENT ANY STAINING.

### GREEN INITIATIVES:

- 30. ALL ADHESIVE AND SEALANTS MUST COMPLY WITH VOC LIMITS (AS PER SCAQMP RULE
- 31. ALL PAINTS AND COATINGS USED ON SITE AND WITHIN BUILDING MUST COMPLY WTH VOC LIMITS AS PER SCAQMD RULE 1113 AND GREEN SEAL STANDARDS GS-11 & GS-03.

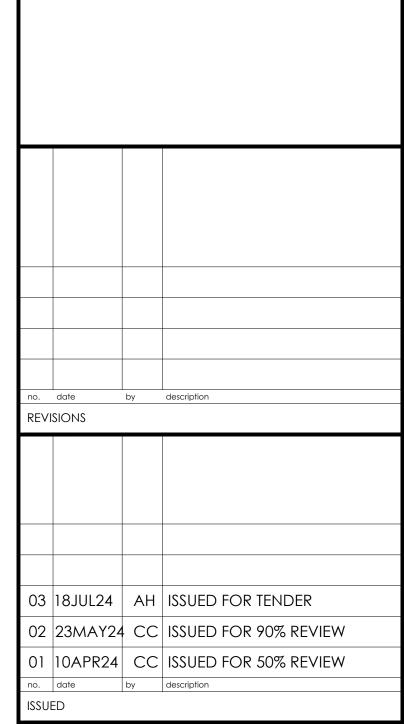
  SUGGESTED ZERO VOC LINES:
- BENJAMIN MOORE AURA, ben SHERWIN WILLIAMS- PROMAR 200 ZERO VOC, HARMONY, ECOSELECT ZERO VOC DULUX - ULTRA ZERO VOC BEHR - PREMIUM PLUS LOW VOC CIL - PREMIUM
- CIL PREMIUM
  OLYMPIC PREMIUM
  SICO PRO ZERO VOC
- PARA PREMIUM ZERO PITTSBURGH - PURE PERFORMANCE ZERO VOC



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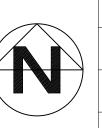


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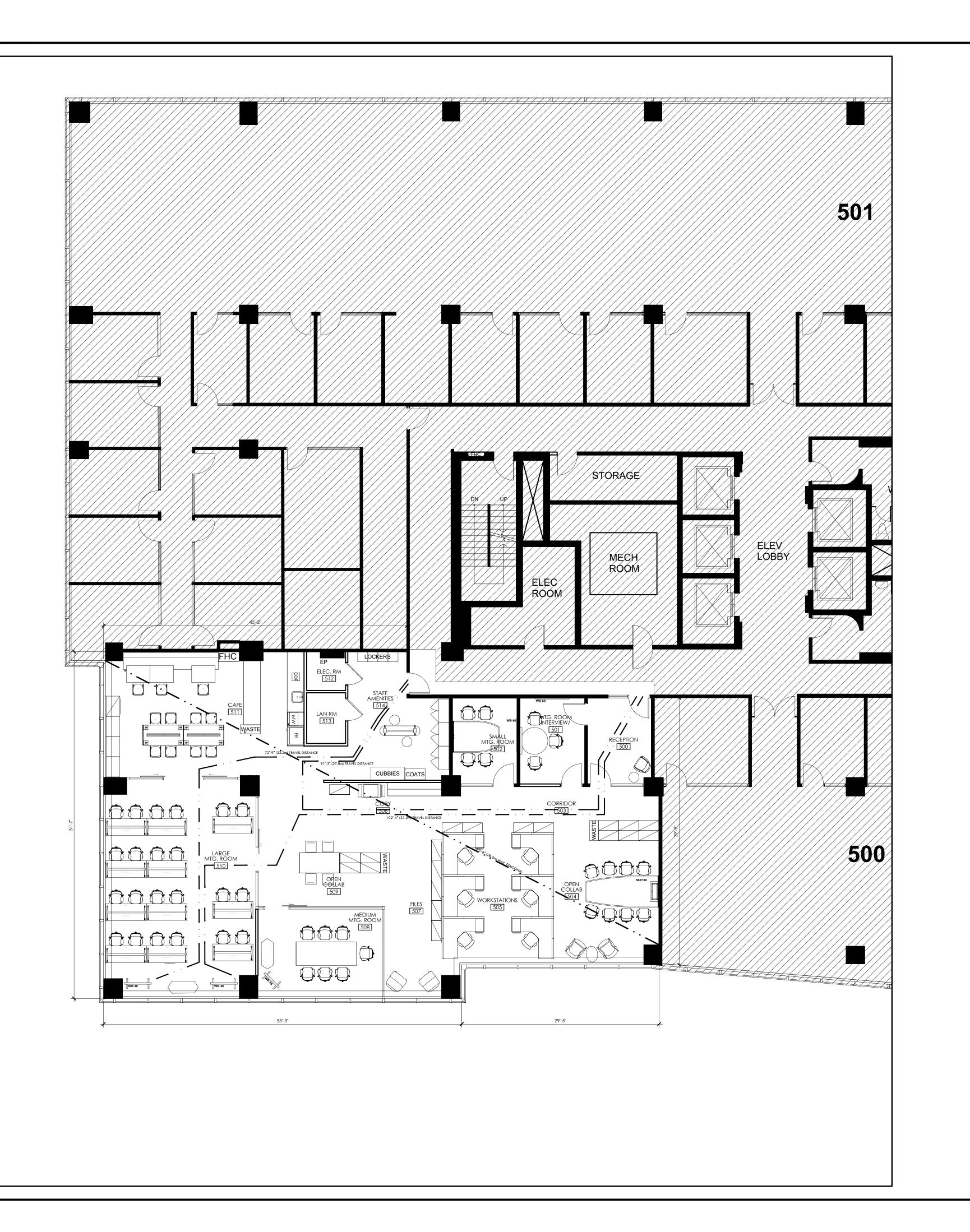
MPAC MISSISSAUGA 6925 CENTURY AVE SUITE 502 RENOVATIONS MISSISSAUGA, ON

drawing title

WALL FINISH PLAN



do	ate	project no.
	11JUN24	24-1011
dr	rawn by	cad file:
(	CC	24-1011-I-505
ch	necked by	drawing no.
	AH	
	1/8"=1'-0"	I-505

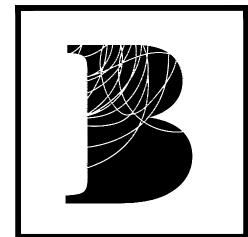


### FURNITURE LEGEND

SYMBOL	DESCRIPTION	
	DENOTES EXISTING PARTITION TO REMAIN	
	DENOTES NEW PARTITION	
X' LENGTH TRAVEL DISTANCE	INDICATES TRAVEL DISTANCE WITH DIMENSIONS TO EXIT PATHS	

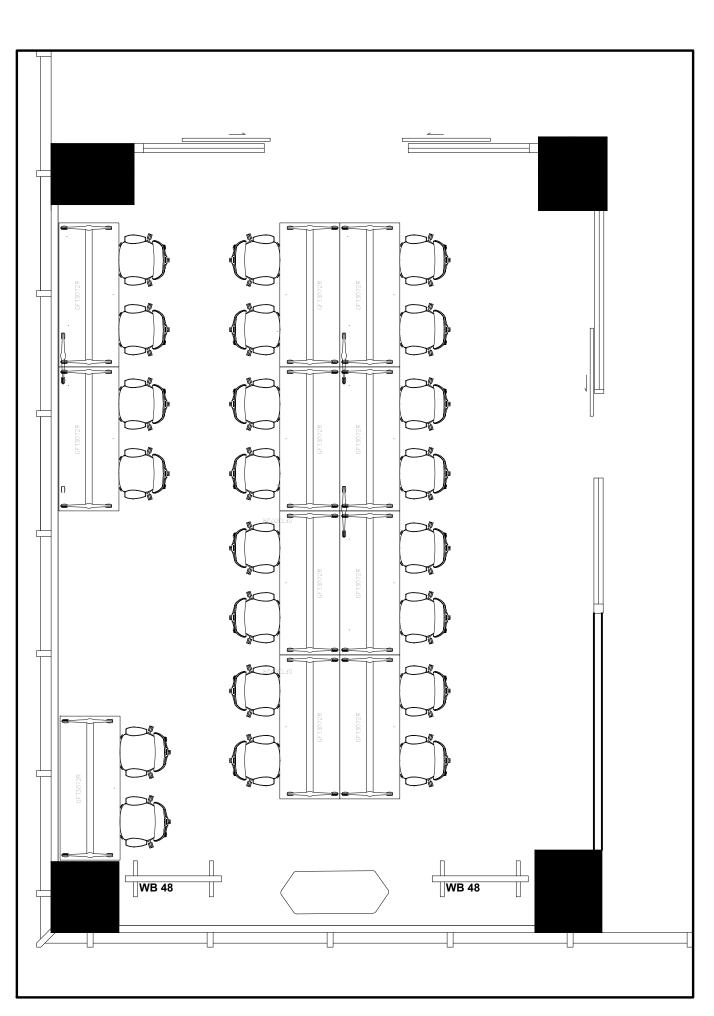
### NOTES

1. FURNITURE TO BE PROVIDED BY MPAC. COORDINATE INSTALLATION WITH MPAC.



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ALTERNATE TRAINING ROOM LAYOUT

1/4" = 1'-0"

no.	date	by	description
REV	ISIONS		
06	18JUL24	АН	ISSUED FOR TENDER
05	23MAY24	AH	ISSUED FOR 90% REVIEW
04	08MAY24	АН	ISSUED FOR CLIENT/LL REVIEW
03	06MAY24	АН	ISSUED FOR CLIENT/LL REVIEW
01	10APR24	CC	ISSUED FOR 50% REVIEW
no.	date ED	by	description



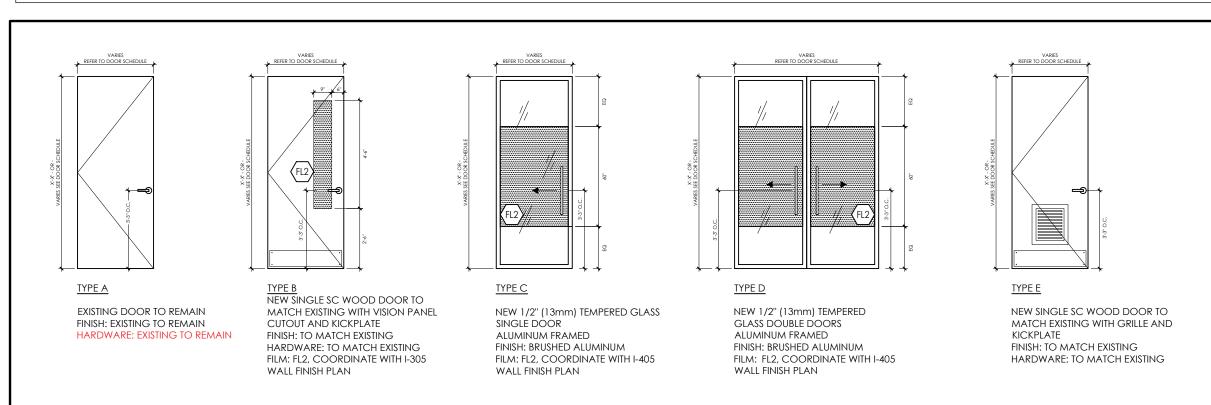
MISSISSAUGA, ON

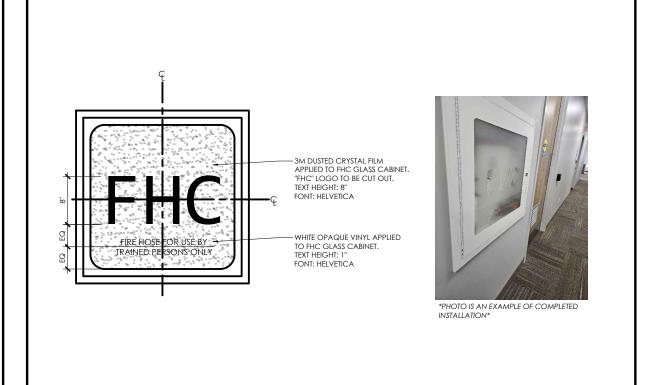
FURNITURE & LIFE SAFETY PLAN

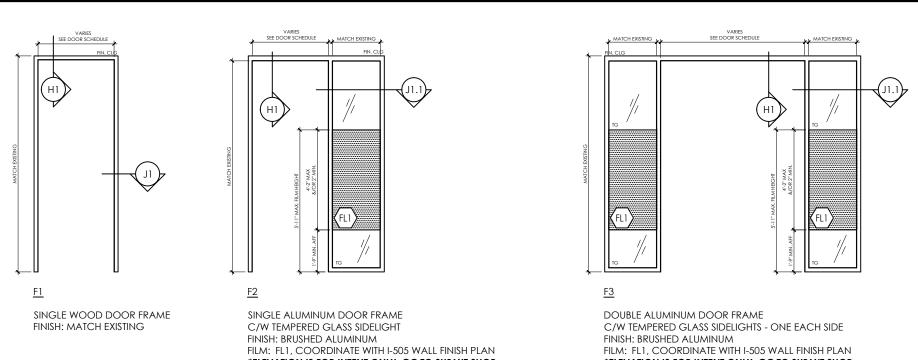


date	project no.
11JUN24	24-1011
drawn by	cad file:
CC	24-1011-I-506
checked by	drawing no.
AH	
scale	I-506
1/8"=1'-0"	1 300
	11JUN24 drawn by CC checked by AH scale

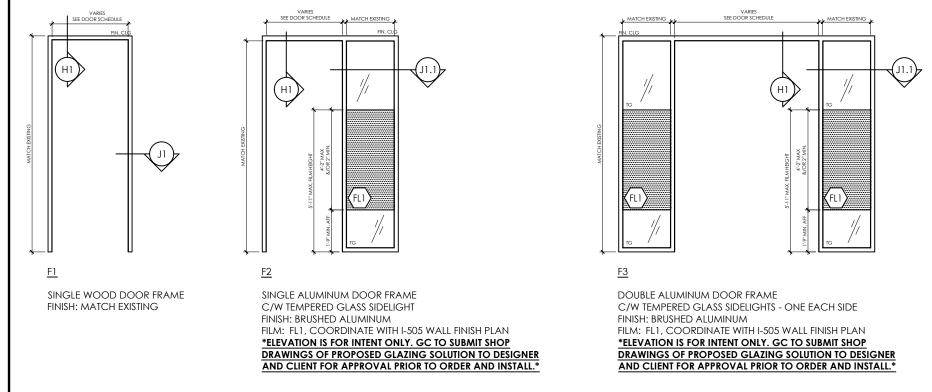
### DOOR SCHEDULE DOOR # LOCATION SPECIFICATION HARDWARE SECURITY FINISH FILM FRAME STING DOOR TO REMAIN, INCLUDE TO RE-KEY TO MASTER AND SUB-MASTER WITH NEW STRIKE, EXISTING, ADO TO BE SUPPLIED AND INSTALLED BY GC. DELCO TO SUPPLY AND INSTALL RELAY FOR 500A, 514 EXISTING EXISTING ENTRANCE EXISTING COORDINATE WITH ENGINEER'S AND SECURITY VENDOR'S DRAWINGS. ADO. EXISTING CLOSER TO BE CONFIRMED WITH LL. WITH SECURITY VENDOR EXISTING DOOR TO REMAIN, INCLUDE TO RE-KEY TO MASTER AND SUB-MASTER WITH NEW STRIKE. COORDINATE WITH ENGINEER'S AND SECURITY VENDOR'S DRAWINGS, CONFIRM ON SITE IF BUTT HINGES: MCKINNEY MPB 79 BRUSHED S/S OR EQUAL ELECTRIC STRIKE, KEYPAD, ETC. TO BE COORDINATED 500B EXISTING EXISTING QUIET COACHING DOOR STOP: GSH 209 26D LEVER LOCKSET: CLASSROOM FUNCTION, YALE OR EQUAL EXISTING COMPLETE WITH EXISTING CLOSER AND EXISTING CLASSROOM FUNCTION LEVER STYLE. WITH SECURITY VENDOR BUTT HINGES: MCKINNEY MPB 79 BRUSHED S/S OR EQUAL DOOR STOP: GSH 209 26D LEVER LOCKSET: STORE ROOM FUNCTION, YALE 5400LN OR EQUAL ELECTRIC STRIKE, KEYPAD NEW WOOD DOOR TO MATCH EXISTING WITH CUTOUT VISION PANEL, STORE ROOM LEVER STYLE MEETING ROOM (3) 3'-2 X 7'-0" X 1-3/4" 501A ETC. TO BE COORDINATED KEYED TO MASTER AND SUB-MASTER, COMPLETE WITH CLOSER, NEW STRIKE AND KICKPLATE. WITH SECURITY VENDOR BUTT HINGES: MCKINNEY MPB 79 BRUSHED S/S OR EQUAL ELECTRIC STRIKE, KEYPAD NEW WOOD DOOR TO MATCH EXISTING WITH CUTOUT VISION PANEL, STORE ROOM LEVER STYLE, DOOR STOP: GSH 209 26D LEVER LOCKSET: STORE ROOM FUNCTION, YALE 5400LN OR EQUAL 501B 3'-2 X 7'-0" X 1-3/4" MEETING ROOM (3) ETC. TO BE COORDINATED KEYED TO MASTER AND SUB-MASTER, COMPLETE WITH CLOSER, NEW STRIKE AND KICKPLATE. WITH SECURITY VENDOR EXISTING DOOR TO REMAIN. INCLUDE TO RE-KEY TO MASTER AND SUB-MASTER WITH NEW STRIKE. ELECTRIC STRIKE, KEYPAD, COORDINATE WITH ENGINEER'S AND SECURITY VENDOR'S DRAWINGS. CONFIRM ON SITE IF EXISTING PASSAGE SET, NON LOCKING LEVER. ETC. TO BE COORDINATED WITH SECURITY VENDOR EXISTING QUIET COACHING EXISTING PULL: RICHELIEU 1-1/2" (38mm DIAMETER BACK TO BACK LADDER HANDLE, PRODUCT # 705483638169 MEETING ROOM (7) NEW SINGLE SLIDING GLASS DOOR WITH TRANSOM DETAIL TO MATCH EXISTING 3'-2 X 7'-0" X 1-3/4" (ANODIZED STAINLESS STEEL FINISH), 48" H PULL: RICHELIEU 1-1/2" (38mm DIAMETER BACK TO BACK LADDER HANDLE, PRODUCT # 705483638169 3'-2 X 7'-0" X 1-3/4" 510A TRAINING NEW SINGLE SLIDING GLASS DOOR WITH TRANSOM DETAIL TO MATCH EXISTING GLASS (ANODIZED STAINLESS STEEL FINISH), 48" H PULL: RICHELIEU 1-1/2" (38mm DIAMETER BACK TO BACK LADDER HANDLE, PRODUCT # 2 X 3'-2 X 7'-0" X 1-3/4" NEW DOUBLE SLIDING GLASS DOORS WITH TRANSOM DETAIL TO MATCH EXISTING GLASS 510B TRAINING 705483638169 (ANODIZED STAINLESS STEEL FINISH), 48" H NEW DOOR TO MATCH EXISTING. INCLUDE TO ADD DOOR GRILLE(S) AS NECESSARY. INCLUDE TO BUTT HINGES: MCKINNEY MPB 79 BRUSHED S/S OR EQUAL ELECTRIC STRIKE, KEYPAD ELECTRICAL ROOM, LAN ROOM 512, 513 NEW TO MATCH EXISTING SUPPLY AND INSTALL STORE ROOM FUNCTION LEVER KEYED SEPARATELY AND TO MASTER. <u>DOOR STOP</u>: GSH 209 26D <u>LEVER LOCKSET:</u> STORE ROOM FUNCTION, YALE 5400LN OR EQUAL ETC. TO BE COORDINATED CLOSER(S), NEW STRIKE(S), KICKPLATE(S). WITH SECURITY VENDOR ALL DOOR HARDWARE AND ACCESSORIES SHALL BE BRUSHED CHROME/STAINLESS STEEL FINISHED U.N.O. ALL HINGES TO BE BEARING TYPE U.N.O., ALL HARDWARE TO BELIEVERS, HAVING AN OBVIOUS METHOD OF OPERATION UNDER ALL LIGHTING CONDITIONS, THE RELEASING MECHANISM SHALL OPEN THE DOOR WITH NOT MORE THAN ONE RELEASING OPERATION, AS PER LOCAL CODE REQUIREMENTS



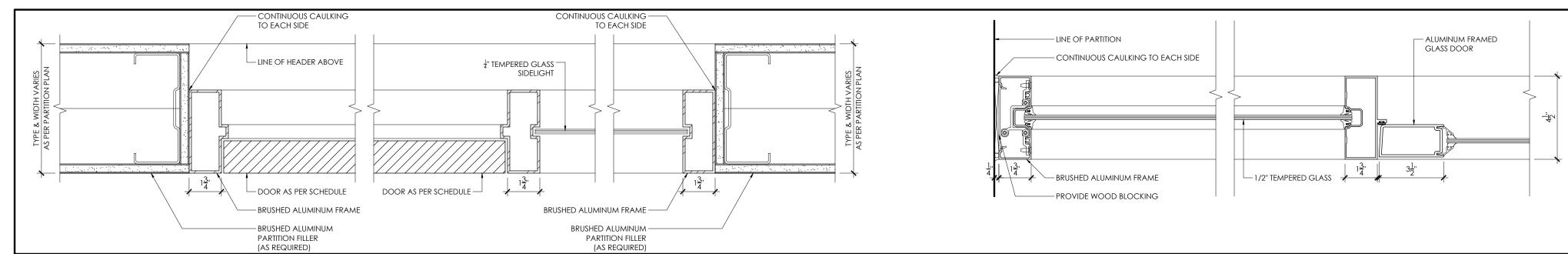




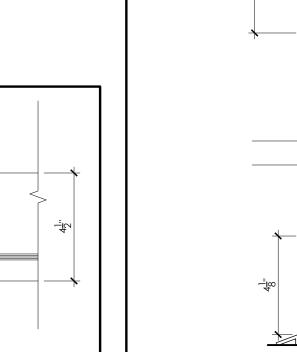












TYPICAL HEADER & JAMB DETAILS

3" = 1'-0"

### GENERAL NOTES

- 1. THIS DRAWINGS & NOTES TO BE READ IN CONJUNCTION WITH GENERAL NOTES, REFER TO DRAWING #I-000.
- 2. THE ENTIRE DRAWING PACKAGE TO BE REFERENCED AND REVIEWED AS A WHOLE.
- 3. THIS DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS AND SPECIFICATIONS.
- 4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONSTRUCTION SPECIFICATIONS AND DOCUMENTS.

EXISTING DOORS UNLESS NOTED OTHERWISE.

- 5. EXISTING DOORS, GLAZING UNITS, HARDWARE, AND COAT HOOKS, TO BE REUSED WHERE POSSIBLE. ANY EXISTING NOT BEING REUSED SHALL BE DISPOSED OF AS PER CLIENT/ LANDLORD DIRECTION.
- 6. CONTRACTOR TO SUPPLY AND INSTALL ALL HARDWARE AS PER MANUFACTURER'S
- 7. GENERAL CONTRACTOR TO PROVIDE ALL ELECTRIC STRIKES. COORDINATE WITH MPAC SECURITY VENDOR.
- 8. PROVIDE DOOR SILENCERS FOR ALL WOOD DOORS AND DOOR BUMPERS FOR ALL HOLLOW METAL DOORS. 9. WHERE NEW PAINT FINISH IS REQUIRED ON DOORS, FRAMES AND REVEALS, REFER
- TO WALL FINISHES PLAN FOR SPECIFICATION. 10. WHERE DOORS AND FRAMES ARE REQUIRED TO BE STAINED, STAIN TO MATCH
- 11. LOCK SETS OCCURRING ON JANITOR'S/STORAGE ROOMS TO BE LOCKABLE FROM
- 12. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL DOOR ASSEMBLIES AND HARDWARE FOR APPROVAL PRIOR TO FABRICATION/ORDERING.

### 13. KEY COPIES: - ALL DOORS TO BE KEYED THE SAME, WITH THE EXCEPTION OF 513. 513 TO BE

KEYED WITH DIFFERENT CORE - 513 - x4, LABEL AS L1

LINE OF HEADER ABOVE

CONTINUOUS CAULKING

TO EACH SIDE

1/2" TEMPERED

WOOD BLOCKING

ALUMINUM FRAMED GLASS DOOR

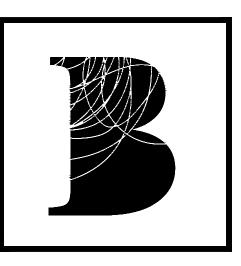
PROVIDE

GLASS

LINE OF FINISHED FLOOR

CORRIDOR SIDE ONLY.

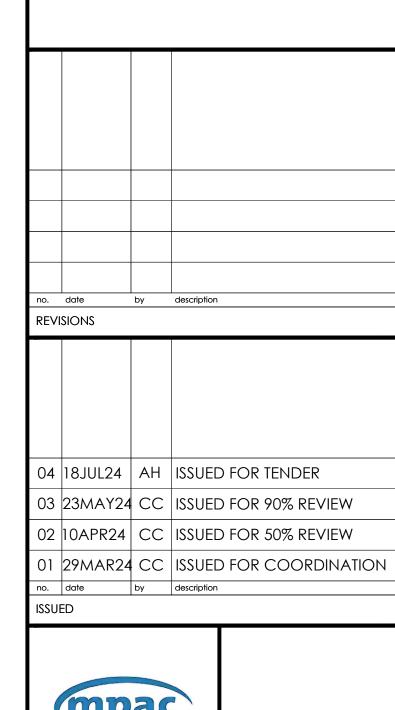
- ALL ROOMS EXCLUDING 513 (PERIMETER/SUBMASTER) x4, LABEL AS P1 - ALL ROOMS INCLUDING 513 (MASTER) - x4, LABEL AS M1 - IF LL INSTALLS DOUBLE DOORS ON MAIN ENTRY, STATIONERY DOOR TO HAVE ELECTRIFIED HINGE THAT CAN POWER STRIKE FOR ACCESS CONTROLS ON MOVING DOOR
- x1 KEY CABINET, 50 CAPACITY, LOCATION TO BE CONFIRMED - x2 LOCK BOXES WITH COMBINATIONS, LOCATION(S) TO BE CONFIRMED



# BENNETT

10 Douglas Road Uxbridge, ON. L9P 1S9 **Tel**. 905 . 852 . 4617 bennettdesign.ca

- GENERAL NOTES
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- DO NOT SCALE DRAWINGS.





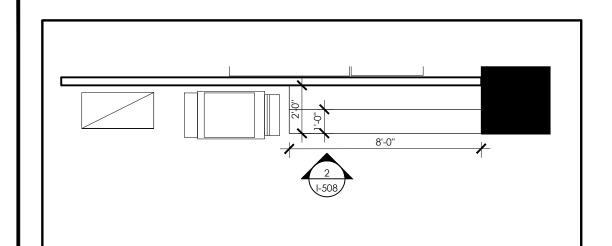
MPAC MISSISSAUGA 6925 CENTURY AVE SUITE 502 RENOVATIONS MISSISSAUGA, ON

awing title

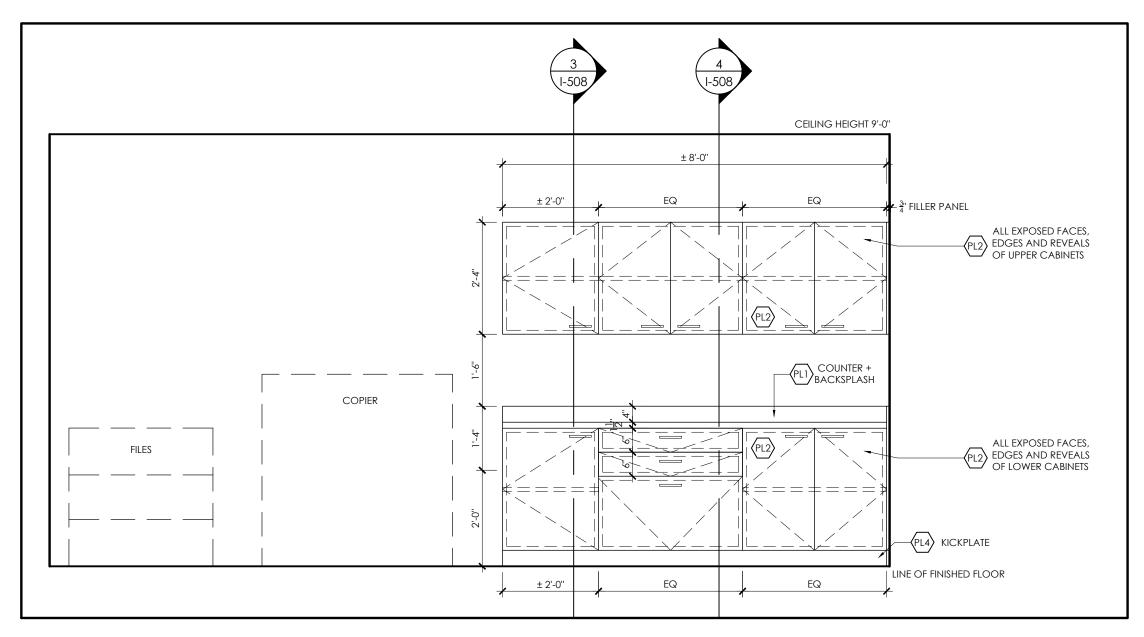
DOOR SCHEDULE

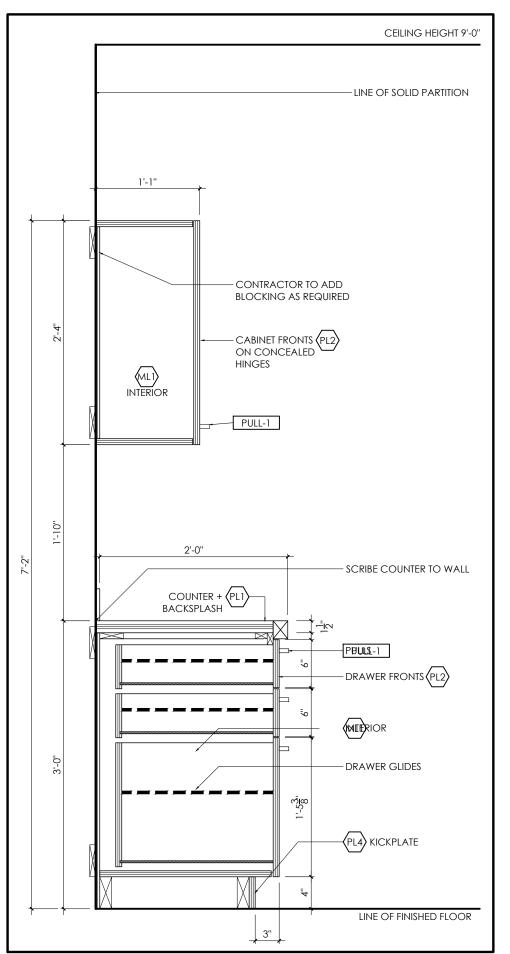


date	project no.
11JUN24	24-1011
drawn by	cad file:
CC	24-1011-I-507
checked by	drawing no.
AH	
scale	I-507
AS NOTED	1 507



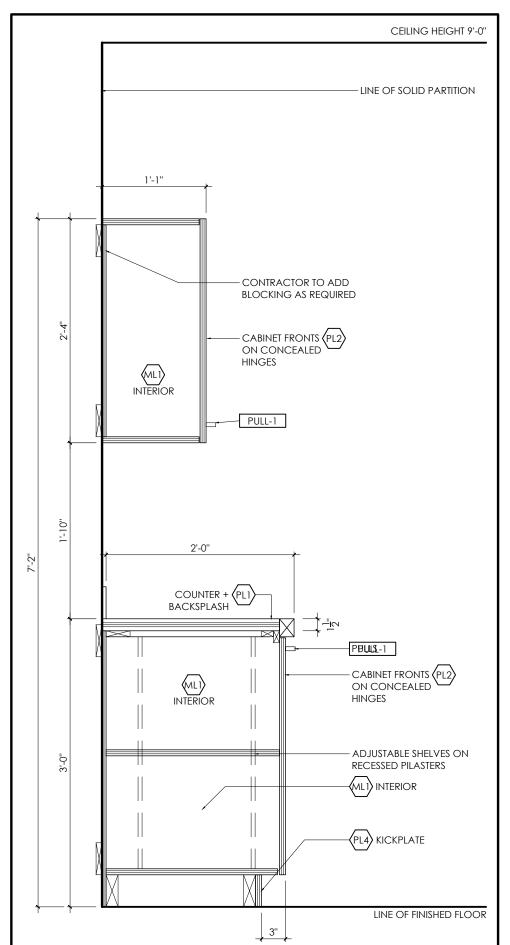
PLAN: COPY AREA 506





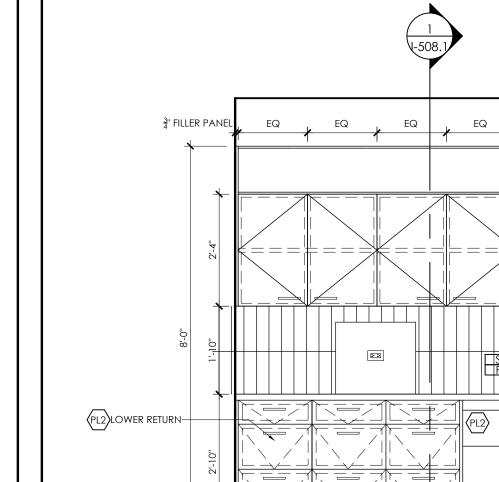
3 SECTION: COPY @ DRAWERS

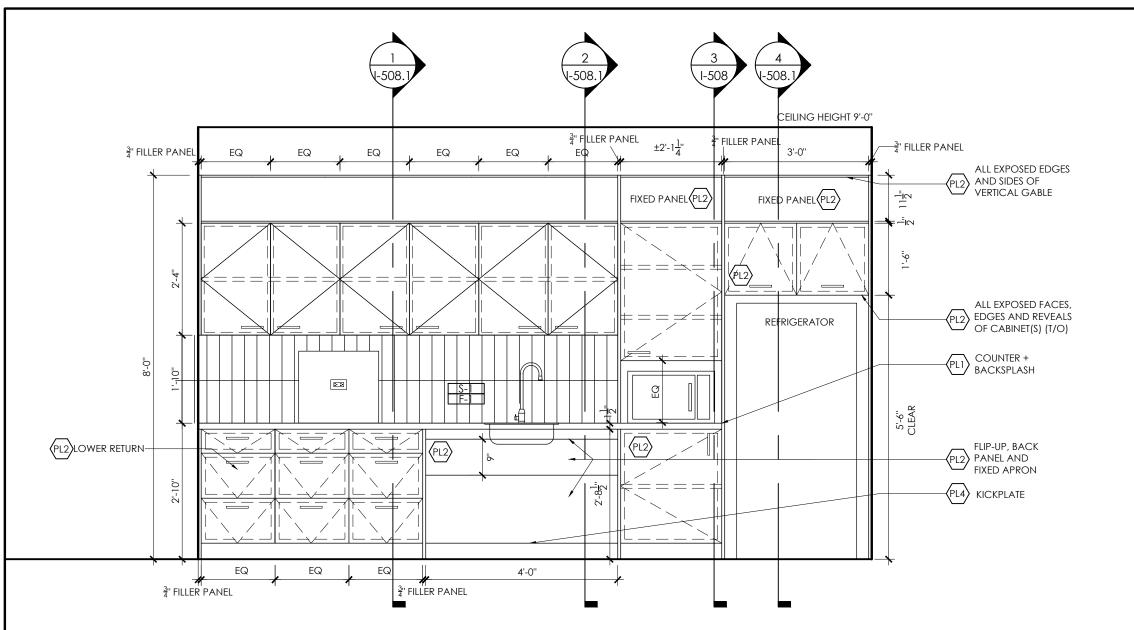
1-508 1/2" = 1'-0"

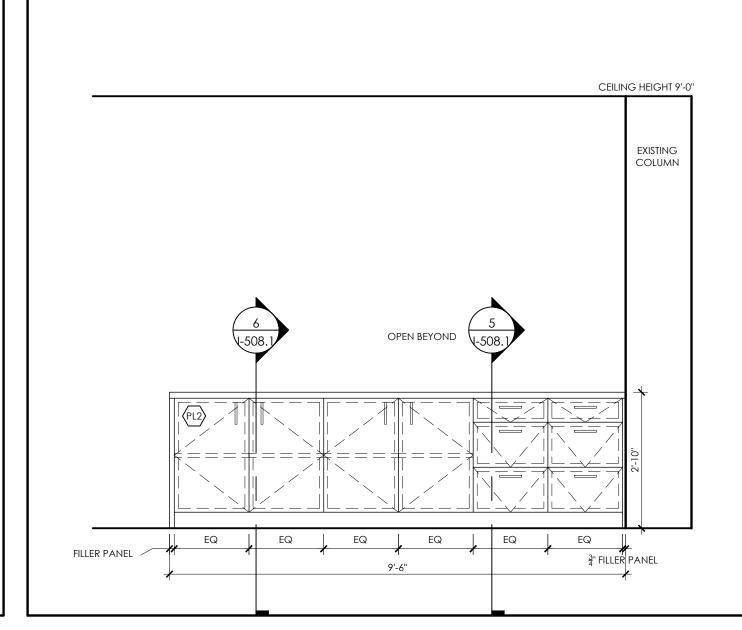


4 SECTION: COPY @ LOWERS

2 | ELEVATION: COPY AREA 506







7 ELEVATION: WORK CAFE AREA 511

MILLWORK FINISHES LEGEND

SYMBOL	DESCRIPTION
(ML1)	MELAMINE (CABINET INTERIORS) MANUFACTURER: PANOLAM COLOUR: WHITE
(PL1)	PLASTIC LAMINATE FINISH #1 (COUNTERS, THROUGHOUT) MANUFACTURER: WILSONART COLUR: D354-60 DESIGNER WHITE FINISH: MATTE
(PL2)	PLASTIC LAMINATE FINISH #2 (UPPERS & LOWERS, THROUGHOUT) MANUFACTURER: WILSONART COLOUR: 7971K-12 UPTOWN WALNUT FINISH: SOFT GRAIN, PREMIUM LAMINATE
(PL3)	PLASTIC LAMINATE FINISH #3 (RESERVED) MANUFACTURER: COLOUR: GRAIN DIRECTION: FINISH:
(PL4)	PLASTIC LAMINATE FINISH #4 (KICKPLATES, THROUGHOUT) MANUFACTURER: WILSONART COLOUR: D91-60 SLATE GREY FINISH: MATTE
(TL3)	BACKSPLASH TILE (WORK CAFE 511)  MANUFACTURER: OLYMPIATILE  SERIES: COLOUR & DIMENSIONS  COLOUR: ARCTIC WHITE  SIZE: 4" x 8"  FINISH: BRIGHT/GLOSSY  NOTES: VERTICAL STACKED INSTALLATION AS PER ELEVATION. 18"  EPOXY GROUT, COLOUR TBD.

### MILLWORK HARDWARE LEGEND

SYMBOL	DESCRIPTION
PULL-1	HINGES  MANUFACTURER: BLUM  MODEL: BLUMOTION SOFT CLOSE, CONCEALED, SELF-CLOSING, 170 DEGREES OPENING  MATERIAL: CAST STEEL  FINISH: SATIN CHROME FINISH
	GLIDES MANUFACTURER: RICHELIEU MODEL: 3832SC
	ADJUSTABLE SHELF PILASTERS AND CLIPS MANUFACTURER: KNAPE AND VOGT OR APPROVED EQUAL MODEL: 255 FINISH: SATIN CHROME FINISH
	BRACKET/BRACING FOR OPEN SHELF MANUFACTURER: RICHELIEU MODEL: TRIADE MAXI CONCEALED MOUNTING BRACKET, 1621612G FINISH: NICKEL
	DOOR PULL #1 MANUFACTURER: RICHELIEU MODEL: 1076CV FUNCTIONAL METAL PULL FINISH: CHROME
LED 1	UNDER COUNTER LED STRIP LIGHT MANUFACTURER: SGI LED FLEX LIGHT BASIC BRIGHT DRIVER: SGI - LED 60 WATT, 12VDC DIMMABLE DRIVER TRACK: SGI LED TRACK - ANGLED 2618

### MECHANICAL SPECIFICATIONS LEGEND

SYMBOL	DESCRIPTION
<u>S-1</u>	SINK #1 NEW MANUFACTURER: ELKAY CROSSTOWEN MODEL: ECTSRAD25226TBG FINISH: STAINLESS STEEL
F-1	FAUCET #1 NEW MANUFACTURER: CHICAGO FAUCETS MODEL: 434-ABCP FINISH:

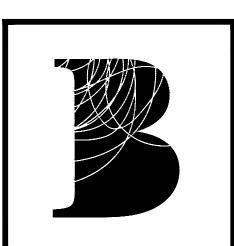
### MILLWORK NOTES

- 1. THE CONTRACTOR SHALL CONFIRM ALL COLOURS, FINISHES, HARDWARE AND MATERIALS REQUIRED TO PERFORM THE WORK AS SPECIFIED.
- 2. PRIOR TO FABRICATION OF MILLWORK THE CONTRACTOR MUST SUBMIT MILLWORK SHOP DRAWINGS FOR APPROVAL BY DESIGNER.
- 3. LOCATION OF LAMINATE SEAMS ON WORK SURFACES SHALL BE INSPECTED AND APPROVED BY DESIGNER.
- 4. ALL MILLWORK TO BE CONSTRUCTED OF 3/4" PLYWOOD WITH PLASTIC LAMINATE
- FINISH ON ALL EXPOSED FACES UNLESS NOTED OTHERWISE. 5. MILLWORK CONTRACTOR SHALL COORDINATE INSTALLATION OF MILLWORK THROUGH THE GENERAL CONTRACTOR TO ENSURE THAT ALL REQUIRED BLOCKING IS PROVIDED IN DESIGNATED WALLS TO ACCOMMODATE LIVE WEIGHT REQUIREMENTS
- 6. AT COMPLETION, MILLWORK CONTRACTOR SHALL TOUCH-UP AND RESTORE SURFACES WHERE DAMAGED AND LEAVE FINISHED SURFACES IN GOOD CONDITION.

OF ALL MILLWORK COMPONENTS AND EQUIPMENT.

### PLUMBING NOTES

- PROVIDE FIXTURE AS SPECIFIED. ANY SUBSTITUTION IS TO BE EQUAL IN QUALITY AND WARRANTY AND MUST BE APPROVED BY BDA DESIGNER PRIOR TO PURCHASE.
- 2. PROVIDE SHIELDING FOR ALL SINK TRAPS AS PER ADA STANDARDS.



# BENNETT

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- DO NOT SCALE DRAWINGS.

no.	date	by	description	
REVISIONS				

03 18JUL24 AH ISSUED FOR TENDER

by description

02 23MAY24 CC ISSUED FOR 90% REVIEW

01 10APR24 CC ISSUED FOR 50% REVIEW

ISSUED



MPAC MISSISSAUGA 6925 CENTURY AVE SUITE 502 RENOVATIONS MISSISSUGA, ON

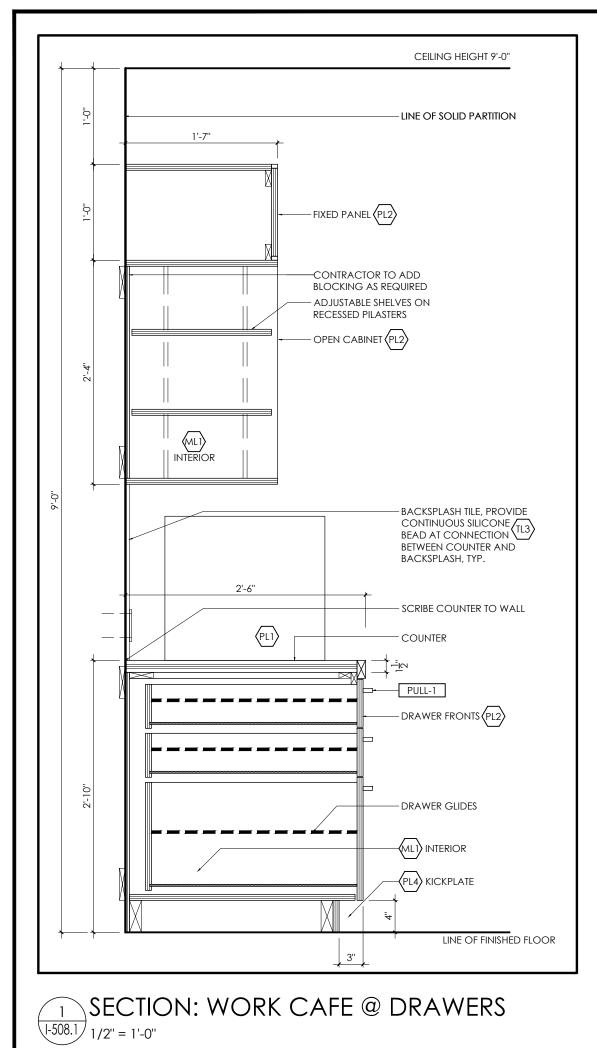
MILLWORK DETAILS

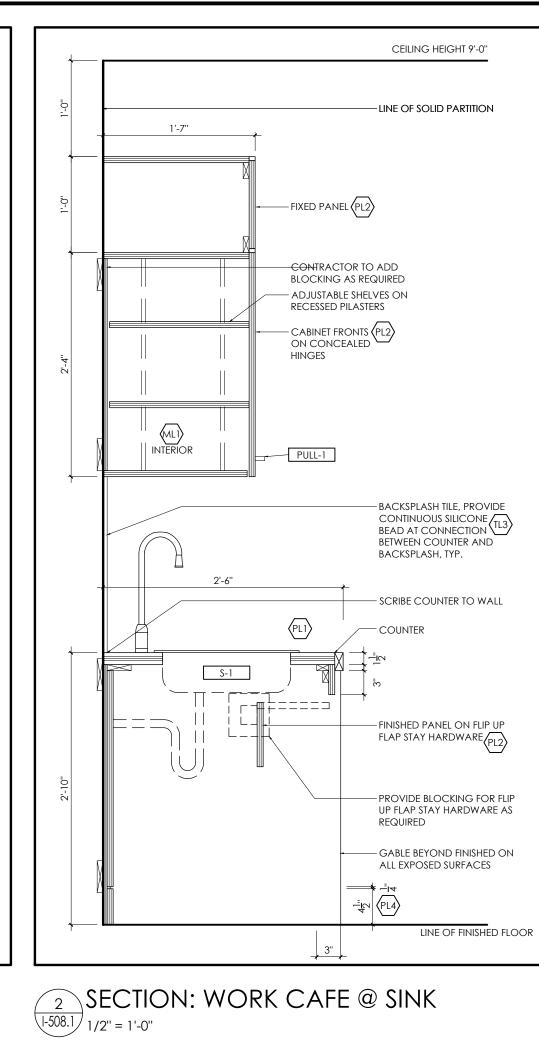


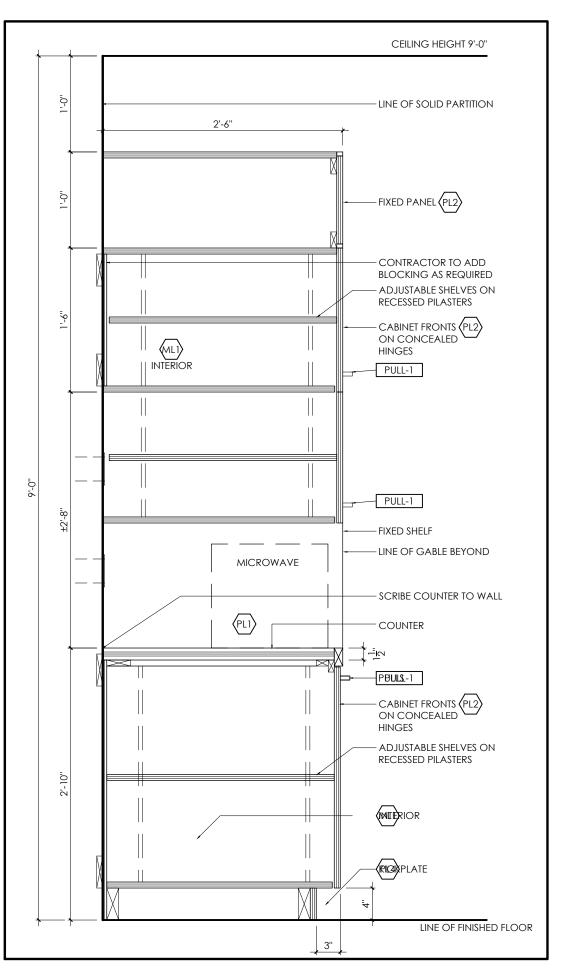
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	11JUN24	24-1011
	drawn by	cad file:
	CC	25-1011-I-508
	checked by	drawing no.
/	AH	
	scale 1/8"=1'-0"	I-508

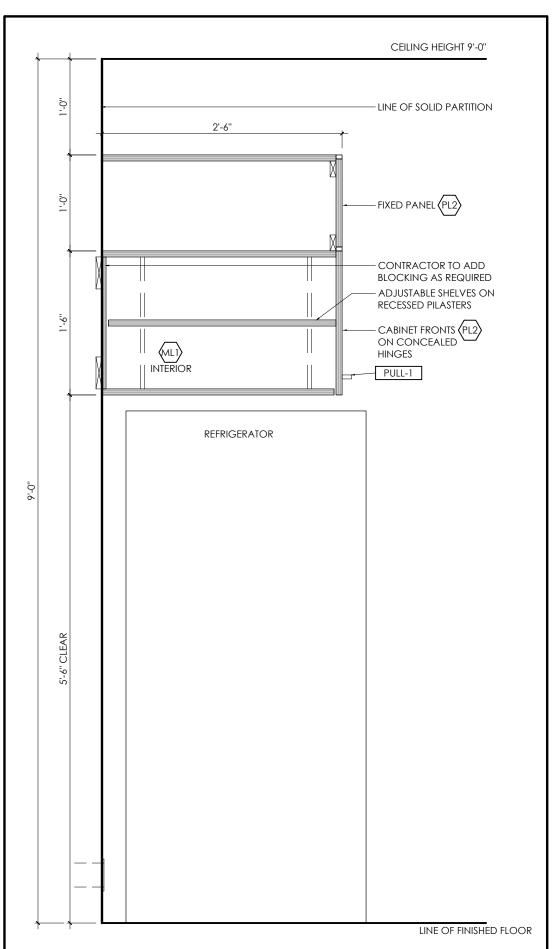


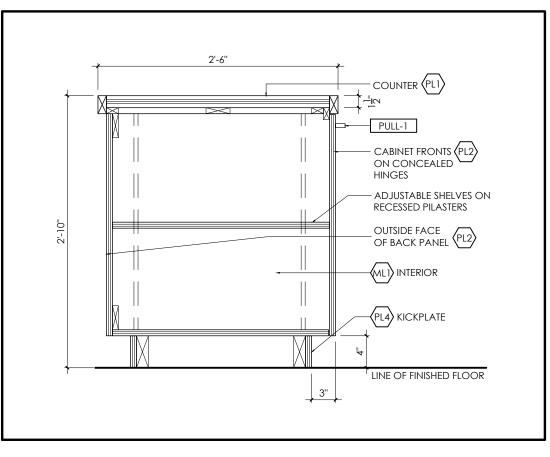
ELEVATION: WORK CAFE AREA 511



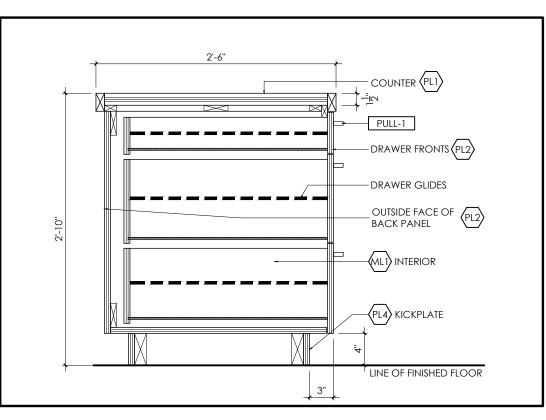












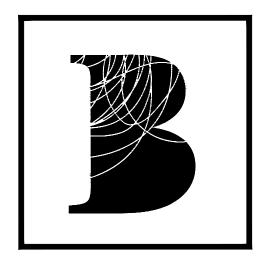
SECTION: WORK CAFE @ MICROWAVES

4 SECTION: WORK CAFE @ REFRIGERATOR

1/2" = 1'-0"

SECTION: WORK CAFE @ REFRIGERATOR





# BENNETT

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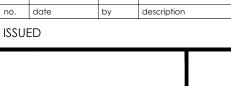
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no. date by description

REVISIONS



03 | 18 JUL 24 | AH | ISSUED FOR TENDER

02 23MAY24 CC ISSUED FOR 90% REVIEW

01 10APR24 CC ISSUED FOR 50% REVIEW

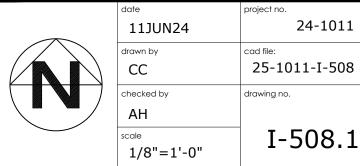


project title

MPAC MISSISSAUGA 6925 CENTURY AVE SUITE 502 RENOVATIONS MISSISSUGA, ON

drawing title

MILLWORK SECTIONS

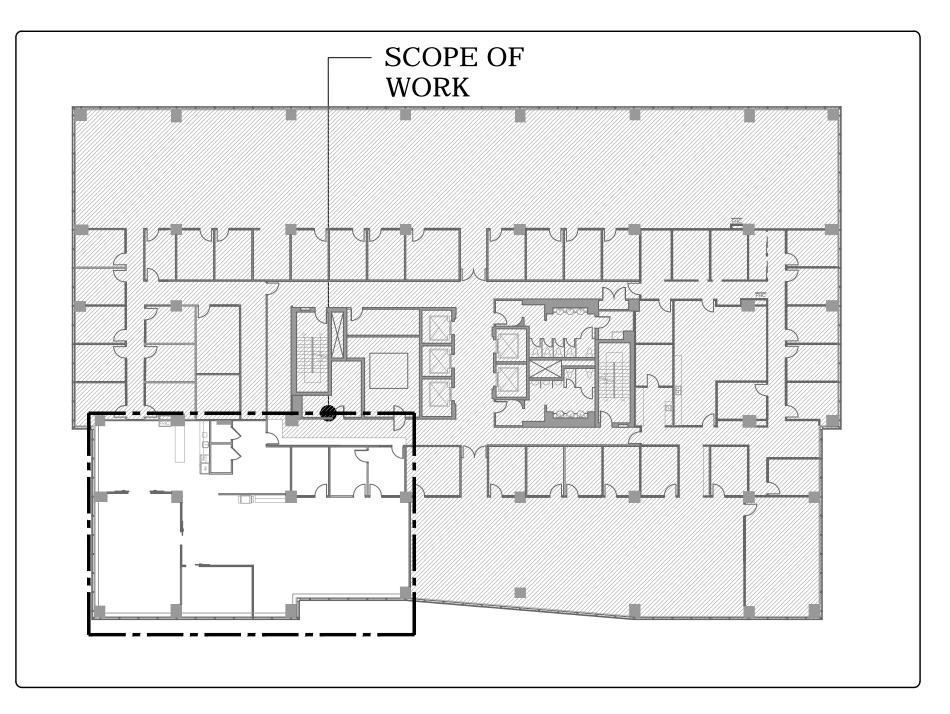




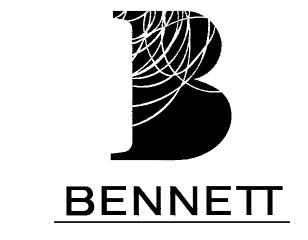
# 6925 CENTURY AVENUE SUITE 502 MISSISSAUGA ON

# MECHANICAL DRAWINGS

DRAWING LIST				
NUMBER	DESCRIPTION			
M-1	COVER SHEET			
M-2	SPECIFICATIONS SHEET			
M-3	EQUIPMENT SCHEDULES AND LEGEND SHEET			
M-4	PARTIAL 5TH FLOOR — DEMOLITION MECHANICAL PLAN			
M-5	PARTIAL 5TH FLOOR - NEW MECHANICAL PLAN			
M-6	DETAILS SHEET			



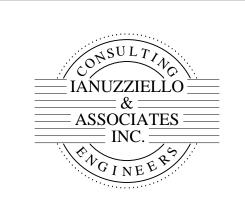
<u>5TH FLOOR – KEY PLAN</u> SCALE: N.T.S.



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This drawing shall be read in conjunction with the architectural, structural, mechanical and all other consultant's drawings prior to proceeding with the work. Do not scale the drawings.

The contractor is to verify and accept responsibility for all dimensions and conditions on site and must notify IANUZZIELLO & ASSOCIATES INC. of any variations from the drawings.

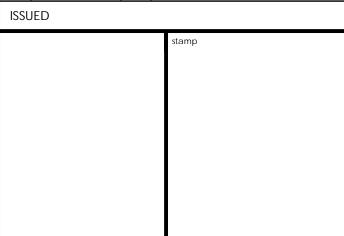


### IANUZZIELLO & ASSOCIATES INC.

305 MILNER AVENUE, SUITE 215 TORONTO, ONTARIO, M1B 3V4 TEL: (416) 609-8570 FAX: (416) 609-0702 E-mail: info@ianuzziello.com

no.	date	by	description
REV	'ISIONS		

4 17.JUL.2024 G.I. ISSUED FOR TENDER	
2 11 HIN 2024 C I ISSUED FOR DEDVIE /TENDE	
3   11.JUN.2024   G.I.   ISSUED FOR PERMIT/TENDE	R
2 23.MAY.2024 G.I. ISSUED FOR 90% REVIEW	
1 10.APR.2024 G.I. ISSUED FOR 50% REVIEW	
no. date by description	



MPAC MISSISSAUGA 6925 CENTURY AVENUE **UNIT 502** MISSISSAUGA, ON

**COVER SHEET** 



date	project no.
APRIL 2024	24135
drawn by	cad file:
R.C.	
checked by	drawing no.
G.I.	
scale	M-1
N.T.S.	

### GENERAL SPECIFICATIONS GENERAL SPECIFICATIONS CONT'D 1.1. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE WORKERS AND OCCUPANTS. ONTARIO BUILDING CODE, CSA, ASHRAE, NEPA, ETC. WHERE CODES/STANDARD ARE PRESENT FORM MULTIPLE SOURCES, THE MOST STRINGENT SHALL BE UTILIZED. 1.2. THE FOLLOWING SPECIFICATIONS FORM AN ESSENTIAL PART OF THE CONTRACT DOCUMENTS. REFER AND COORDINATE WITH ALL OTHER DIVISIONS, SECTIONS AND SPECIFICATIONS TO PROVIDE A COMPLETE AND OPERATIONAL INSTALLATION. OR CORING SHALL TAKE PLACE UNTIL WRITTEN APPROVAL IS RECEIVED. THE 1.3. FOR THE PURPOSE OF THESE SPECIFICATIONS, DRAWINGS AND CONTRACT DOCUMENTS, THE WORD 'PROVIDE' REFERS TO THE SUPPLY, INSTALLATION AND TESTING OF THE LEAST 72 HOURS IN ADVANCE. RESPECTIVE EQUIPMENT/COMPONENTS. IDENTIFICATION OF MECHANICAL SERVICES 1.4. CONTRACTOR IS TO REPORT ALL APPARENT DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS OF ALL DIVISIONS PRIOR TO TENDER SUBMISSION, NO EXCEPTIONS WILL

- 1.5. ALL DIV.15 WORK SHALL BE COORDINATED AND SCHEDULED WITH ALL OTHER DIVISIONS. 1.6. THIS CONTRACTOR SHALL VISIT THE SITE AND COMPLETELY INVESTIGATE AND UNDERSTAND THE EXISTING CONDITIONS AND THEIR RELATION TO THE DESIGN DRAWINGS/DOCUMENTS. NO CONSIDERATION WILL BE GIVEN TO THE CONTRACTOR FOR ANY HINDRANCES TO THE MECHANICAL INSTALLATION FROM SITE CONDITIONS WHICH EXISTED PRIOR TO TENDER SUBMISSION. AS SUCH AND WHERE REQUIRED, THE
- THE CONSULTANT FOR REVIEW. 1.7. PROVIDE NEW MATERIALS AND EQUIPMENT OF ACCEPTABLE QUALITY THAT ARE MANUFACTURED IN CANADA OR THE UNITED STATES AND BEAR THE APPROVAL OF RECOGNIZED NORTH AMERICAN STANDARD ASSOCIATIONS SUCH AS CSA, ASME, ETC. THE CONTRACTOR SHALL MAXIMIZE THE UTILIZATION OF CANADIAN EQUIPMENT.

CONTRACTOR SHALL PROVIDE INTERFERENCE DRAWINGS AND SHALL SUBMIT THEM TO

BE GIVEN TO CONTRACTORS WHO DO NOT COMPLETELY UNDERSTAND THE SCOPE OF

- 1.8. ALL EQUIPMENT, MATERIALS, ETC. SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
- 1.9. THE MECHANICAL DRAWINGS DISPLAY A GENERAL DESIGN AND INSTALLATION. THEREFOR THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE CONSULTANT PRIOR TO
- 1.10. THESE DRAWINGS HAVE BEEN PREPARED FOR DIV.15 AND DO NOT ACCURATELY DISPLAY ALL ELECTRICAL, STRUCTURAL AND ARCHITECTURAL ELEMENTS. REFER TO OTHER DIVISION'S DRAWINGS FOR CLARIFICATION.
- 1.11. IN NO CASE SHALL THESE DRAWINGS BE SCALED. ALL ROUGH-IN'S SHALL BE COORDINATED WITH OTHER DIVISIONS.
- 1.12. DO NOT PROCEED WITH WORK OUTSIDE THE SCOPE OF THE DESIGN DRAWINGS AND SPECIFICATIONS WITHOUT WRITTEN CONSENT FROM THE OWNER. THIS APPLIES TO ALL DIV.15 CHANGE NOTICES AS ISSUED BY THE CONSULTANT.
- 1.13. IN REGARDS TO DIV.15 CHANGE NOTICES, CONTRACTOR SHALL PROVIDE A BREAKDOWN INCLUDING, BUT NOT LIMITED TO, MATERIALS, LABOUR, MARK-UP, ETC QUOTATIONS SHALL BE BASED ON ALLPRISER FOR EQUIPMENT AND THE MECHANICAL CONTRACTORS OF AMERICA, SMACNA, AND NATIONAL ELECTRICAL CONTRACTORS FOR
- 1.14. WHERE EQUIPMENT HAS BEEN PRE-PURCHASED, DIV.15 SHALL ACCEPT ALL RESPONSIBILITY FOR EQUIPMENT DELIVERY, INSTALLATION, TESTING AND WARRANTY, SIMILAR TO AS IF THE EQUIPMENT WAS PURCHASED BY DIV.15.
- 1.15. THE CONTRACTOR SHALL WARRANTY ALL MATERIALS, EQUIPMENT, INSTALLATION AND QUALITY OF WORKMANSHIP FOR A MINIMUM OF ONE (1) YEAR UNLESS OTHERWISE
- 1.16. IT IS THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO PAY FOR ALL CHARGES AND DAMAGES ASSOCIATED WITH EQUIPMENT THAT IS NOT PROVIDED AS SPECIFIED AND INCLUDES NOT MEETING THE MANUFACTURER'S RATINGS, PUBLISHED DATA AND/OR THE APPLICABLE GOVERNING STANDARDS.
- 1.17. THE CONTRACTOR MAY SUBMIT FOR ALTERNATE MATERIALS AND EQUIPMENT ONLY WHEN THE SPECIFIED ARE NOT AVAILABLE OR WILL ADVERSELY IMPACT THE COMPLETION SCHEDULE. THE CONTRACTOR SHALL COMPENSATE THE CONSULTANT FOR THEIR TIME REQUIRED TO REVIEW THE ALTERNATE SUBMITTALS.

### 2. <u>SUBMITTALS</u>

<u>GENERAL</u>

- 2.1. THE CONTRACTOR SHALL SUBMIT THREE (3) HARD COPIES OF MECHANICAL SHOP DRAWINGS TO THE CONSULTANTS FOR REVIEW. ELECTRONIC SUBMISSION OF SHOP DRAWINGS SHALL BE DEEMED ACCEPTABLE UPON APPROVAL FROM CONSULTANT. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH THE DOCUMENT SUBMITTAL
- 2.2. ALL SHOP DRAWINGS SUBMITTED FOR REVIEW MUST BEAR THE REVIEW STAMP OF THE MECHANICAL CONTRACTOR. SHOP DRAWINGS THAT DO NOT BEAR THE CONTRACTOR'S STAMP WILL, WITHOUT QUESTION, BE REJECTED BY THE CONSULTANT.
- 2.3. <u>SHOP DRAWINGS</u> SHALL INCLUDE ALL INFORMATION REQUIRED FOR THE CONSULTANT TO PERFORM A REASONABLE REVIEW OF THE SUBMITTALS AS THE PERTAIN TO THE MECHANICAL DESIGN DRAWINGS AND SPECIFICATIONS.
- 2.4. THE CONTRACTOR SHALL MAINTAIN ON SITE ONE (1) RECORD OF MECHANICAL DRAWINGS THAT SHALL INDICATE WITH RED LINES ALL PROJECT CONDITIONS, LOCATIONS, NFIGURATIONS AND ANY OTHER CHANGES OR DEVIATIONS WHICH MAY VARY FROM HE ORIGINAL CONTRACT DOCUMENTS AND DRAWINGS. IN ADDITION, THIS SET SHALL INCLUDE REVISIONS AS A RESULT OF ALL ADDENDAS, CHANGE NOTICES, SITE INSTRUCTIONS, ETC. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND ENGINEER ONE (1) COPY EACH OF A HARDCOPY AND ELECTRONIC COPY (PDF) FOR REVIEW. ONE (1) SET OF BOTH COPIES SHALL ALSO BE INCLUDED IN THE CLOSEOUT DOCUMENT PACKAGE.
- 2.5.TWO (2) COPIES OF <u>OPERATION AND MAINTENANCE MANUALS</u> SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW UPON PROJECT COMPLETION. THE MANUALS SHALL CONTAIN THE FOLLOWING WHERE APPLICABLE: DESCRIPTION OF EACH SYSTEM
- DESCRIPTION OF EACH MAJOR COMPONENT OF SYSTEM ALL SHOP DRAWINGS WITH APPROVAL STAMPS
- EQUIPMENT MANUFACTURER'S INSTALLATION AND OPERATION MANUALS AND SPARE PARTS LIST
- WIRING DIAGRAMS LUBRICATION SCHEDULE
- EQUIPMENT IDENTIFICATION LIST WITH SERIAL NUMBERS VALVE TAG SCHEDULES AND FLOW DIAGRAMS FINAL AND REVIEWED BALANCING REPORTS (AIR AND WATER)
- WATER TREATMENT PROCEDURE AND TESTS
- CONTROL DRAWINGS AND SEQUENCES OF OPERATION AS-BUILT DRAWINGS (HARDCOPY AND ELECTRONIC) WARRANTY DOCUMENTATION

- 3.1. PERIODIC INSPECTIONS OF THE WORK WILL BE CONDUCTED OVER THE COURSE OF THE PROJECT. ALL REPORTED DEFICIENCIES SHALL BE RECTIFIED BY THE CONTRACTOR IN A TIMELY FASHION. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR NOT MEETING THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- 3.2.IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL INSPECTIONS WITH CITY AND/OR MUNICIPAL OFFICIALS AND ALL OTHER AUTHORITIES
- 3.3.IN REGARDS TO TEMPORARY SERVICES, PROVIDE, AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, TEMPORARY FIRE PROTECTION SYSTEMS. REFRAIN FROM USING INSTALLED SYSTEMS FROM THE CONTRACT DOCUMENTS AS A TEMPORARY SERVICES. THIS SHALL APPLY TO ALL MECHANICAL SYSTEMS INCLUDING HVAC, PLUMBING AND
- 3.4. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING AND RESTORATION. WHERE REQUESTED, THE CONTRACTOR SHALL CONTRACT THE SERVICES OF THE BASE BUILDING TRADES AT DIV.15 EXPENSE
- 3.5.PROVISIONS SHALL BE MADE FOR THE PROTECTION OF DIV.15 WORK UNTIL THE COMPLETION OF THE PROJECT. THIS MAY INCLUDE, BUT NOT LIMITED TO, COVERING OF EQUIPMENT OPENINGS AND DUCTWORK, PLUMBING FIXTURES, FLOOR DRAINS, ETC.
- 3.6.UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL MAKE ALL FINAL ADJUSTMENTS TO EQUIPMENT AS WELL AS REMOVE ALL PROTECTION. ALL INSTALLATIONS SHALL BE CLEANED THOROUGHLY AND TESTED FOR PROPER OPERATION. CHANGE ALL AIR AND WATER FILTERS AS REQUIRED.
- 3.7.IN REGARDS TO INTERRUPTION OF SERVICES, THE CONTRACTOR SHALL CARRY OUT THEIR WORK IN A MANNER THAT CAUSES THE LEAST DISTURBANCE TO THE OWNER. PROVIDE NOTIFICATION TO THE OWNER IN WRITING WITH AT LEAST 72 HOURS OF THE SCHEDULED INTERRUPTION.
- 3.8. ARRANGE AND PAY FOR THE SAFE DISPOSAL OF REMOVED ITEMS AS SPECIFIED. PROVIDE PROOF OF SAFE DISPOSAL FOR ITEMS SUCH AS HVAC REFRIGERANT. COORDINATE THE TIME AND METHOD OF DISPOSAL WITH THE OWNER. FOR EXAMPLE LEARLY INDICATE THE ROUTE THAT WILL BE TAKEN FROM THE INSIDE OF THE BUILDING TO THE OUTDOORS, AS WELL AS THE STORAGE LOCATION OUTDOORS IF APPLICABLE.
- 3.9. WHERE COMPONENTS ARE TO BE REUSED, THE CONTRACTOR SHALL CLEAN AND TEST THE COMPONENT TO ENSURE PROPER OPERATION. THE CONSULTANT SHALL BE NOTIFIED IN THE EVENT THERE IS A DEFICIENCY WITH THE COMPONENT.
- 3.10. PERFORM WORK SO AS TO CAUSE MINIMAL DISTURBANCE TO OWNER AND/OR ADJACENT AREAS. MINIMIZE DUST AND NOISE AND PROVIDE TEMPORARY AIR FILTERS ON

- AIR HANDLING SYSTEMS AFFECT BY THE AREA OF WORK. ALL COSTS ASSOCIATED WITH DAMAGES AS A RESULT OF THE MECHANICAL INSTALLATION SHALL BE COVERED BY DIV.15. MAINTAIN SAFETY STANDARDS AND PROVIDE ADEQUATE SIGNAGE FOR BOTH
- 3.11. WHERE CUTTING OR CORE DRILLING OF THE EXISTING CONCRETE STRUCTURE IS REQUIRED, THE MECHANICAL CONTRACTOR SHALL CONTRACT THE SERVICES OF AN EXPERIENCED AND REPUTABLE COMPANY TO CARRY OUT X-RAYING. THE RESULTS SHALL BE SUBMITTED TO THE BASE BUILDING STRUCTURAL ENGINEER AND NOT CUTTING CONTRACTOR SHALL PROVIDE A WRITTEN REQUEST TO PERFORM X-RAYING WITH AT
- 4.1. PROVIDE SMS WRAP-MARK ON ALL PIPE COVERINGS WITH FLOW ARROW AND ALTERNATING WORDING. COVERING COLOURS SHALL MATCH BASE BUILDING. IN THE CASE WHERE THERE IS NO EXISTING STANDARD, INDUSTRY STANDARDS SHALL BE
- 4.2.USE STENCILS AND STENCIL PAINT ON DUCTWORK AND DUCTWORK INSULATION WITH BLACK CAPITALIZED LETTERS 2" (50 MM) HIGH AND SOLID BLACK FLOW ARROWS. 4.3.IDENTIFICATION OF PIPING AND DUCTWORK SHALL BE PROVIDED AT THE FOLLOWING
- AT LEAST ONCE IN EACH ROOM AT EACH PIECE OF FOUIPMENT
- AT EACH BRANCH CLOSE TO THE CONNECTION POINT AT MAIN AT NOT GREATER INTERVALS OF 50 FT. (15 M) ON STRAIGHT RUNS OF — EXPOSED
- PIPING AND DUCTWORK AT ENTRY AND LEAVING POINT TO PIPE AND DUCT CHASES, OR OTHER CONCEALED SPACES BOTH SIDES WHERE PIPING AND DUCTWORK PASSES THROUGH WALL. PARTITIONS AND
- ON VERTICAL PIPES AND DUCTS APPROXIMATELY 6 FT. (1800 MM) A.F.F. BEHIND EACH ACCESS DOOR AND PANEL
- 4.1. PROVIDE IDENTIFICATION FOR PIPING CONTAINING ELECTRICAL HEAT TRACING. 4.2. TAG ALL VALVES, EXCEPT SMALL VALVES ISOLATING EQUIPMENT, WITH BRASS TAGS AND HIGH DIE-STAMPED BLACK LETTERS ATTACHED TO VALVES WITH 4" BRASS
- 4.3. PROVIDE IDENTIFICATION FOR ALL NEW EQUIPMENT, STARTERS AND REMOTE CONTROL DEVICES WITH LAMACOID LABELS ENGRAVED WITH WHITE LETTERING AND A BLACK BACKGROUND. THE MINIMUM LETTERING SIZE SHALL BE 3/8" (10 MM).
- ACCESS DOORS AND PANELS
- 5.1. PROVIDE ADEQUATE ACCESS TO CONCEALED EQUIPMENT AND COMPONENTS THAT REQUIRE ACCESS FOR MAINTENANCE, ADJUSTMENT AND INSPECTION. PROVIDE MARKING TO THE OWNER'S SATISFACTION THE LOCATIONS WHERE CONCEALED EQUIPMENT IS
- 5.2.ENSURE THAT THE SIZE OF THE DOOR COMPLIES WITH THE MANUFACTURER'S SUGGESTED ACCESS REQUIREMENTS.
- 5.3. COORDINATE ALL ACCESS DOOR AND PANEL SIZES AND LOCATIONS WITH ARCHITECT/INTERIOR DESIGNER.
- FLASHING, CURBS AND CONCRETE
- 6.1. FLASHING SHALL BE CARRIED OUT AS SHOWN ON ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS AT THE EXPENSE OF DIV.15.
- 6.2. ALL CURBS REQUIRED FOR MECHANICAL EQUIPMENT SHALL BE CARRIED OUT AS SHOWN ON ARCHITECTURAL AND/OR MECHANICAL DRAWINGS AT THE EXPENSE OF DIV.15. CURBS SHALL BE INSTALLED AT LEAST 14" ABOVE THE ROOF LEVEL.
- 6.3. PREMANUFACTURED EQUIPMENT CURBS SHALL BE SUPPLIED BY THE EQUIPMENT MANUFACTURER.
- 6.4.PROVIDE 4" (100 MM) THICK CONCRETE HOUSEKEEPING PADS WHERE INDICATED ON
- ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS. <u>FIRESTOPPING</u>
- 7.1. PROVIDE FIRE STOPPING SYSTEMS AND PRODUCTS FOR ALL DUCTS, PIPING, ETC PENETRATING FIRE SEPARATIONS THAT ARE ULC LISTED AND COMPLY WITH CAN4-S115S AND THE AUTHORITIES HAVING JURISDICTION.
- 7.2. MAINTAIN ALL FLOOR AND WALL FIRE RATINGS TO COMPLY WITH BASE BUILDING STANDARDS AND THE AUTHORITIES HAVING JURISDICTION.
- 8. PIPE, DUCT AND EQUIPMENT INSTALLATION
- 8.1. INSTALL ALL PIPING, DUCTWORK AND EQUIPMENT TO PROVIDE ADEQUATE CLEARANCES FOR SERVICING AS WELL AS MAXIMUM USABLE SPACE FOR ALL OTHER DIVISIONS. 8.2.INSTALL PIPING AND DUCTWORK STRAIGHT, IN A NEAT AND CLEAN FASHION AND TIGHT
- TO STRUCTURES ABOVE (UNLESS OTHERWISE NOTED). 8.3. TAKE MEASURES TO PROTECT COPPER PIPING CORROSION FROM CONTACT WITH
- DISSIMILAR METALS. HANGERS AND SUPPORTS
- 9.1. PROVIDE HANGER SYSTEMS FOR ALL DUCTWORK, PIPING AND EQUIPMENT TO RENDER A SAFE AND FUNCTIONAL INSTALLATION. HANGER RODS SHALL BE ATTACHED DIRECTLY TO THE STRUCTURE AND IN NO WAY SHALL BE ATTACHED TO OTHER MECHANICAL COMPONENTS OR CEILING SYSTEMS. WHERE COMPONENTS ARE TO BE SUSPENDED BETWEEN JOIST OR BEAMS, PROVIDE AUXILIARY STEEL CHANNELS TO SUIT.
- 9.2.FOR GENERAL CONDITIONS, PROVIDE ROUND STEEL THREADED RODS CONFORMING TO ASTM A-36. WHERE SPECIAL CONDITIONS EXIST, SUCH AS HIGH HUMIDITY OR EXPOSURE TO ELEMENTS, PROVIDE HANGER COMPONENTS TO SUIT.
- 9.3.IN REGARDS TO ALL PIPING, PROVIDE SUPPORTS AT CONNECTION (SUCH AS HUB) AND AT EVERY CHANGE IN DIRECTION.

### O. STRUCTURAL AND SEISMIC

- 10.1. WHERE THERE IS NO STRUCTURAL DIVISION AS PART OF THE PROJECT, IT SHALL BE THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO PROVIDE STRUCTURAL REINFORCING FOR ALL DIV.15 INSTALLATIONS. THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER WHO IS TO PROVIDE A DESIGN BEARING THEIR PROFESSIONAL SEAL. THE CONTRACTOR SHALL APPLY FOR BUILDING PERMIT AND ASSUME ALL RESPONSIBILITY AND COST FOR THE PERMIT PROCESS. UPON COMPLETION OF WORK, CONTRACTOR SHALL SUBMIT A LETTER FROM THE STRUCTURAL ENGINEER COMPLETE WITH PROFESSIONAL SEAL TO INDICATE THAT THE WORK HAS BEEN COMPLETED TO THE ONTARIO BUILDING CODE, ALL OTHER RELEVANT CODES AND STANDARDS AND TO THE AUTHORITIES HAVING JURISDICTION.
- 10.2. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE THE REQUIREMENTS FOR SEISMIC BRACING AND SUPPORTS WITH STRUCTURAL DRAWINGS. DIV.15 SHALL CONTRACT THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER TO DESIGN SUPPORTS AND BRACING IN ACCORDANCE WITH ALL CURRENTS CODES AND THAT MATCHES THE REQUIREMENT OF THE LOCATION IN WHICH THE SYSTEMS ARE BEING INSTALLED. UPON COMPLETION OF THE PROJECT, SEISMIC ENGINEER SHALL PROVIDE A LETTER BEARING THEIR PROFESSIONAL SEAL INDICATING THAT THE INSTALLATION MEETS THE SEISMIC DESIGN DOCUMENT AND CONFORMS TO THE BUILDING CODE AND THE AUTHORITIES HAVING JURISDICTION.
- 11.1. ALL ELECTRICAL MOTORS, STARTERS, CONTACTORS, DISCONNECT SWITCHES AND CONTROL DEVICES FOR DIV.15 WORK SHALL BE PROVIDED BY DIV.15.
- 11.2. DIV.16 SHALL BE RESPONSIBLE FOR POWERING LOAD SIDE OF STARTERS AND CONTACTORS, POWER FOR ELECTRICAL HEAT TRACING AND CONTROLS, LINE SIDE POWER
- 11.3. ALL LOW VOLTAGE WIRING AND CONNECTION IS TO BE PROVIDED BY THE MECHANICAL CONTRACTOR.

TO LOOSE STARTERS AND DISCONNECTS.

11.4. WHERE THERE IS NO DIV.16 (ELECTRICIAN) AS PART OF THE PROJECT, THE MECHANICAL CONTRACTOR SHALL CONTRACT THE SERVICES OF A LICENSED ELECTRICAL CONTRACTOR AND OBTAIN THE APPROPRIATE INSPECTIONS AND APPROVALS FOR THE INSTALLATION OF ALL ELECTRICAL WORK REQUIRED FOR MECHANICAL SYSTEMS.

# PROVIDE ALL LABOUR AND MATERIALS TO SUPPLY AND INSTALL THE DUCTWORK AND

HVAC SPECIFICATIONS

CONNECTIONS TO OUTLETS, INLETS AND EQUIPMENT TO PROVIDE A COMPLETE SYSTEM. UNIESS OTHERWISE NOTED, FABRICATE ALL DUCTWORK SYSTEMS, INCLUDING DUCTWORK. HOUSINGS, DAMPERS AND ACCESS DOORS, WITH GALVANIZED STEEL SHEET METAL MEETING ASTM A653 AND A924. CONSTRUCTION OF THE DUCTWORK SYSTEMS SHALL BE IN STRICT ACCORDANCE WITH SMACNA, SMACNA DUCT CLEANLINESS AND ASHRAE. ALL DUCTWORK SHALL BE SMOOTH ON THE INSIDE AND SHALL BE FREE FROM RATTLING OR VIBRATION. DUCTWORK NOT MEETING THESE STANDARDS WILL BE REPLACED AT NO EXTRA CHARGE TO

SHEET METAL SYSTEMS AS INDICATED ON MECHANICAL DRAWINGS. THIS INCLUDES

INSTALLING THE DUCTWORK, ACCESSORIES, ASSOCIATED ITEMS AND ALL NECESSARY

- CONSTRUCT DUCTWORK AND SEAL ACCORDING TO THE APPROPRIATE SMACNA STANDARDS. LOW PRESSURE DUCTWORK SHALL BE CONSTRUCTED WITH THE ONE (1) INCH PRESSURE CLASSIFICATION AND ALL OTHER DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE THREE (3) INCH CLASSIFICATION. DUCT PRESSURES SHALL BE CLASSIFIED AS FOLLOWS:
- 3.1. LOW: DUCT PRESSURES (LOW) OF 1/2" TO 2" W.C. AND NOT EXCEEDING AN AIR VELOCITY OF 2000 FPM.
- 3.2. MEDIUM: DUCT PRESSURES EXCEEDING 2" W.C. OR AND AIR VELOCITY OF 2000 FPM.
- 3.3. THREE INCH: ALL VARIABLE AIR VOLUME (VAV) SUPPLY AIR DUCT SYSTEMS AND AIR DUCTWORK SYSTEMS EXPOSED TO THE OUTDOORS.
- 4.1. PROVIDE, WHERE INDICATED ON MECHANICAL DRAWINGS, FLEXIBLE DUCTWORK EQUAL TO FLEXMASTER TRIPLE LOCK ALUMINUM DUCTWORK. THE PRESSURE RATING OF THE DUCTWORK SHALL MATCH THE DUCTWORK SYSTEM TO WHICH IT IS ATTACHED. MATCH THE DUCTWORK SIZE TO THE CONNECTION OUTLET OF THE AIR TERMINAL
- 4.2. SECURE FLEXIBLE DUCTWORK USING GEAR CLAMPS WITH AN ADJUSTING WORM DRIVE TYPE SCREW. SEAL AROUND CONNECTION WITH DUCT TAPE TO OBTAIN THE APPROPRIATE SMACNA SEAL CLASS.
- 4.3. MAXIMUM LENGTH OF FLEXIBLE DUCTWORK PERMITTED IN LOW PRESSURE SYSTEMS IS 10'-0" AND 4'-0" IN ALL OTHER HIGHER PRESSURE SYSTEMS.
- ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS. CONTRACTOR TO TAKE INTO ACCOUNT DUCT LINERS, ETC. WHEN PERFORMING TAKE-OFFS. . MAKE ALL DUCT CONNECTIONS, CONCENTRIC AND ECCENTRIC TRANSITIONS, ETC., IN ACCORDANCE WITH SMACNA.
- PROVIDE DUCT ACCESS DOORS AT LOCATIONS AS SHOWN ON DRAWINGS, AS WELL AS AT THE LINKAGE SIDE OF AUTOMATIC DAMPERS, FIRE DAMPERS AND ANY OTHER SERVICE, BALANCE OR CONTROL DEVICE REQUIRING PERIODIC MAINTENANCE. THE DOORS SHALL CONSTRUCTED IN ACCORDANCE WITH SMACNA AND SHALL MATCH THE PRESSURE RATING OF THE DUCTWORK SYSTEM TO WHICH IT IS BEING INSTALLED.
- PROVIDE <u>FLEXIBLE CONNECTIONS</u> AT THE INLET AND OUTLET CONNECTION FOR EACH FAN BETWEEN DUCTWORK AND INLET AND OUTLET COLLARS. FLEXIBLE CONNECTIONS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE NEOPRENE COATED FIBERGLASS FABRIC. FOR OUTDOOR CONNECTIONS, PROVIDE A CONNECTOR THAT IS SUITABLE FOR EXPOSURE TO SUNLIGHT AND THE ELEMENTS.
- PROVIDE FIRE DAMPERS WHERE INDICATED ON MECHANICAL DRAWINGS. ALL DAMPERS SHALL BE SELECTED TO SUIT THE RATING OF THE FLOOR OR WALL ASSEMBLY IN WHICH IT WILL BE INSTALLED, WITH A RATING OF NO LESS THAN 1-1/2 HOURS. FIRE DAMPERS SHALL BE ULC LISTED AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, NFPA 90A AND THE AUTHORITIES HAVING JURISDICTION. TYPE A FIRE DAMPERS ARE PERMITTED FOR NON-DUCTED TRANSFER DUCTWORK. TYPE B FIRE DAMPERS SHALL BE USED IN ALL OTHER CASES UNLESS OTHERWISE NOTED.
- ). <u>MANUAL BALANCING DAMPERS</u> INSTALLED IN DUCTWORK NOT EXCEEDING 12" ON THE LONGEST SIDE SHALL BE CONSTRUCTED AS PER SMACNA. PROVIDE OPPOSED BLADE DAMPERS WHERE THE DIMENSION OF THE LONGEST SIDE OF THE DUCTWORK EXCEEDS 12", OPPOSED-BLADE DAMPERS SHALL BE OF GALVANIZED STEEL CONSTRUCTION WITH LOCK SCREWS AT OPPOSITE ENDS. PROVIDE BALANCING DAMPERS AT WHERE SHOWN ON DRAWING AS WELL AS ON BRANCHES OFF OF MAIN DUCTWORK WITH ADEQUATE ACCESS.
- . PROVIDE ALL DIFFUSERS, REGISTERS, GRILLES, ETC. OF TYPE AND SIZE AS INDICATED ON MECHANICAL DRAWINGS. CONFIRM ALL AIR TERMINAL COLOURS WITH ARCHITECT/INTERIOR DESIGNER, REGARDLESS OF SPECIFICATION ON MECHANICAL DRAWINGS. MECHANICAL CONTRACTOR IS TO COORDINATE INSTALLATION OF DOOR GRILLES WITH ARCHITECTURAL DRAWINGS AND GENERAL CONTRACTOR.
- PROVIDE <u>DUCTWORK INSULATION AND LINERS</u> WHERE NOTED ON MECHANICAL DRAWINGS, AS PER THE FOLLOWING:

### 12.1. ACOUSTIC LINING:

4. FLEXIBLE DUCTWORK

- 12.1.1. RECTANGULAR DUCTWORK: PROVIDE ONE INCH (1") THICK ACOUSTIC LINING EQUAL TO JOHNS MANVILLE LINACOUSTIC RC COMPLETE WITH PERMACOTE ACRYLIC ANTI-MICROBIAL COATING.
- 12.1.2. SPIRAL DUCTWORK: PROVIDE ONE INCH (1") THICK ACOUSTIC LINING EQUAL TO JOHNS MANVILLE SPINACOUSTIC PLUS ROUND DUCT LINER SYSTEM COMPLETE WITH PERMACOTE ANTI-MICROBIAL COATING.
- 12.2. THERMAL INSULATION
- 12.2.1. PROVIDE THERMAL INSULATION WHERE NOTED ON MECHANICAL DRAWINGS. INSULATE ALL DUCTWORK LEAVING OR ENTERING THE BUILDING FOR THE FIRST 6 FT. FROM THE BUILDING PENETRATION WITH 2" OF THERMAL INSULATION.
- 12.2.1. RECTANGULAR DUCTWORK: PROVIDE ONE INCH (1") JOHNS MANVILLE SERIES 814 SPIN-GLAS FIBER GLASS DUCT BOARD INSULATION WITH FSK FACING. IMPALE ON MECHANICALLY FASTENED PINS LOCATED AT NOT MORE THAN 12" ON CENTRE, AND SECURE WITH SPEED WASHERS. WHERE DUCTWORK IS INSTALLED OUTSIDE THE BUILDING OR EXPOSED TO THE ELEMENTS, PROVIDE TWO INCHES (2") OF THERMAL INSULATION, BUTT JOINTS TIGHTLY TOGETHER AND SEAL WASHERS, BREAKS AND JOINTS WITH SELF-ADHERING 4" WIDE PLAIN ALUMINUM TAPE, OR ADHERE FOIL WITH CHILDERS CP82 OR BAKELITE 230-39 ADHESIVE.
- 12.2.2. RIGID ROUND (SPIRAL) DUCTWORK: PROVIDE ONE INCH (1") JOHNS MANVILLE MICROLITE EQ FSK FIBER GLASS DUCT WRAP INSULATION WHERE INDICATED ON DRAWINGS. ADHERE INSULATION TO DUCT SURFACE AND LAP ALL EDGES AT LEAST 2". SEAL JOINTS WITH 4" WIDE ALUMINUM FOIL TAPE.
- 12.2.3. FLEXIBLE DUCTWORK: PROVIDE ONE INCH (1.25") JOHNS MANVILLE FLEX-GLAS EQ FLEXIBLE DUCTWORK INSULATION WITH FSK FACING. LAP JOINTS AND SEAL WITH 4" WIDE ALUMINUM FOIL TAPE.

### 13. HVAC BALANCING

13.1. PROVIDE BALANCING OF ALL AIR AND WATER SYSTEMS AS INDICATED ON MECHANICAL DRAWINGS. THE BALANCING CONTRACTOR SHALL HAVE A MINIMUM OF FIVE (5) YEARS EXPERIENCE AND BE NEBB CERTIFIED. ALL BALANCING, TESTING ADJUSTING AND REPORTING SHALL BE CARRIED OUT IN ACCORDANCE WITH NEBB, PROCEDURAL STANDARDS FOR TESTING, ADJUSTING AND BALANCING OF ENVIRONMENTAL SYSTEMS. WHERE APPLICABLE, THE MECHANICAL CONTRACTOR SHALL CONTRACT THE

SERVICES OF THE BASE BUILDING APPROVED TAB CONTRACTOR.

- 13.2. PERFORM TESTING AND BALANCING PROCEDURES ON EACH SYSTEM ACCORDING TO THE CURRENT EDITION OF THE NEBB STANDARDS. MARK EQUIPMENT AND BALANCING DEVICE SETTING WITH PAINT OR OTHER SUITABLE PERMANENT IDENTIFICATION MATERIAL
- 13.3. BALANCE AIRFLOW AND HYDRONIC FLOW QUANTITIES WITHIN  $\pm /-$  10% OF THE DESIGN CRITERIA. IN THE EVENT THAT A CONDITION OR DEFICIENCY IS PREVENTING THE ACCEPTANCE RANGE FROM BEING ACHIEVED, IT SHALL BE NOTED WITH DESCRIPTION ON THE TAB REPORT.UPON COMPLETION, SUBMIT A FINAL TAB REPORT TO THE

### CONSULTANT FOR REVIEW.

- 14.1. PROVIDE ALL CONTROLS, WIRING, CONDUIT, ACCESSORIES, ETC. AND INTERLOCK WITH EQUIPMENT/STARTERS AS INDICATED ON DRAWINGS.
- 14.2. WHEN INSTALLED IN CEILING PLENUMS, CABLE MAY BE FREE—AIR, UNLESS OTHERWISE
- 14.3. WHEN INSTALLED IN OPEN AREAS, PROVIDE EMT CONDUIT, FITTINGS, MOUNTING ACCESSORIES, ETC. TO DELIVER A NEAT AND CLEAN INSTALLATION.

### 14.4. MOUNTING HEIGHTS

14.4.1. OCCUPANT ADJUSTABLE: MOUNT AT 3'-11" (1200 MM) A.F.F. 14.4.2. NON-ADJUSTABLE (SENSOR ONLY): MOUNT AT 5'-0" (1500 MM) A.F.F.

\*\*CONFIRM MOUNTING HEIGHTS WITH CONSULTANT PRIOR TO INSTALLATION.

NOTED, PROVIDING THE WIRING IS FT-6 PLENUM RATED.

- 14.5. COORDINATE INSTALLATION OF ALL CONTROL DEVICES/SENSORS WITH ARCHITECTURAL
- 14.6. INSTALL CONTROL DEVICES/SENSORS CLEAR OF DIMMERS SO AS TO AVOID
- 14.7. THE MECHANICAL CONTRACTOR SHALL TEST ALL CONTROLS/INTERLOCKS FOR GOOD OPERATION PRIOR TO PROJECT CLOSE-OUT. PROVIDE A REPORT FOR REVIEW TO THE ENGINEER INDICATING DEFICIENCIES.

### HVAC SPECIFICATIONS CONT'D

- 14.8. WIRE ALL DEVICES TO THEIR RESPECTIVE MAGNETIC STARTERS AND PROVIDE POWER TO DIV.15 CONTROL PANELS FROM NEAREST AND MOST SUITABLE ELECTRICAL PANEL. 14.9. CONTRACT THE SERVICES OF THE BASE BUILDING APPROVED CONTROLS CONTRACTOR
- WHERE APPLICABLE. 14.10. PNEUMATIC CONTROLS
- 14.10.1. PROVIDE TYPE M SEAMLESS COPPER TUBING THAT COMPLIES WITH ASTM B280, WROUGHT COPPER FITTINGS THAT COMPLY WITH ANSI/ASME B16.22, AND JOINTS THAT COMPLY WITH ANSI/ASTM B32.

### 14.10.2. CONCEAL TUBING, UNLESS LOCATED IN MECHANICAL ROOMS, AND MECHANICALLY FASTEN TO SUPPORTING STRUCTURES. PURGE TUBING WITH OIL—FREE COMPRESSED AIR BEFORE CONNECTING TO CONTROL INSTRUMENTS.

UPON COMPLETION OF WORK, PROVIDE A WRITTEN ONE YEAR WARRANTY COVERING THE COMPLETE WORK. RECTIFY ANY DEFECTS ARISING DURING THIS PERIOD AT NO EXTRA COST. FOR THE ISSUANCE OF THE MECHANICAL LETTER OF COMPLIANCE, ONE WEEK PRIOR TO

PROJECT CLOSE OUT

- OCCUPANCY. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING: OPERATING AND MAINTENANCE MANUALS AS-BUILT RECORD DRAWINGS ON WHITE PRINTS AND ASSOCIATED DATA EXTENDED WARRANTIES FOR EQUIPMENT AS SPECIFIED
- ALL OPERATING TEST CERTIFICATES, E.G. SPRINKLER TEST CERTIFICATE FINAL COMMISSIONING REPORT AND TESTING AND AIR BALANCING REPORT ENGINEER SIGNED AND SEALED LETTER CONFIRMING THAT THE SPRINKLER
- INSTALLATION COMPLIES WITH NFPA 13 IDENTIFIED KEYS FOR MECHANICAL EQUIPMENT AND/OR PANELS FOR WHICH KEYS ARE REQUIRED, AND ALL OTHER ITEMS REQUIRED TO BE SUBMITTED OTHER DATA OR PRODUCTS SPECIFIED
- CONTRACTOR SHALL NOTIFY THE CONSULTANT MINIMUM THREE (3) DAYS PRIOR TO CITY
- SUBMIT A LEGIBLE SET OF AS-BUILT DRAWINGS ON WHITE PRINTS TO THE CONSULTANT AND ELECTRONIC CAD FILES. INCLUDE FOR CONSULTANTS COST TO UPDATE DRAWINGS TO AS-BUILT & PLOT. CONTRACTOR TO CARRY \$1,000.00 FOR CONSULTANT COSTS. WHITE PRINTS SHALL INCORPORATE ALL CHANGES AND DEVIATIONS FROM THE ORIGINAL TENDER DRAWINGS, SHOW ALL HVAC, PLUMBING AND/OR FIRE PROTECTION LAYOUTS.

### PLUMBING SPECIFICATIONS

- 1.1. PROVIDE PLUMBING SYSTEMS AS PER DRAWINGS, SPECIFICATIONS, THE LATEST EDITION OF THE ONTARIO BUILDING CODE. MUNICIPAL BY-LAWS AND THE AUTHORITY HAVING JURISDICTION. THE TERM "SYSTEM" REFERS TO ALL PIPING, FITTINGS, SUPPORTS, CURBS,
- 1.2. ALL ITEMS REQUIRED FOR PLUMBING SYSTEMS SHALL BE CSA APPROVED UNLESS
- 1.3. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO BID AND CONTRACT AWARD TO ENSURE THAT PIPING INVERTS, LOCATIONS, DIMENSIONS AND LENGTHS ARE SUFFICIENT IN TERMS OF ARRANGEMENT FOR THE RUNS SHOWN ON MECHANICAL DRAWINGS. REPORT
- DISCREPANCIES TO ENGINEER IMMEDIATELY. 1.4. CARRY OUT TESTING ON ALL SYSTEMS INCLUDING SANITARY DRAINAGE SYSTEMS. STORM DRAINAGE SYSTEMS AND DOMESTIC WATER SYSTEMS AS PER THE CONSTRUCTION CODE

AND THE AUTHORITIES HAVING JURISDICTION. TESTS MAY INCLUDE, BUT ARE NOT LIMITED

- TO, A WATER TEST, PRESSURE TEST, BALL TEST AND FINAL TEST. 1.5. PROVIDE FIRESTOPPING AT ALL FIRE-RATED WALL AND FLOOR ASSEMBLIES AS PER THE 'GENERAL SPECIFICATIONS'.
- 1.6. COORDINATE EXACT LOCATIONS OF ALL PLUMBING FIXTURES WITH ALL TRADES AND ARCHITECTURAL/INTERIOR DESIGN DRAWINGS. DO NOT SCALE MECHANICAL DRAWINGS
- 1.7. WHERE PLUMBING FIXTURES ARE SPECIFIED, THE CONTRACTOR SHALL PROVIDE ALL ACCESSORIES AND APPURTENANCES TO PROVIDE A FULL AND COMPLETE INSTALLATION OF THE RESPECTIVE FIXTURE. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, STOP VALVES, RISER PIPING, ESCUTCHEON PLATES, ETC.
- 1.8. PROVIDE VENTING SYSTEMS IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.
- 1.9. PRIOR TO BID SUBMISSION THE CONTRACTOR SHALL EXAM THE SITE INCLUDING THE SPACES BELOW NEW AND/OR RENOVATED AREAS AND CARRY IN HIS BID TO ADJUST THE UNDER-SLAB SYSTEMS ROUTING TO MEET THE DESIGN INTENT.
- 1.10. ANY DRILLING OR CUTTING MUST BE PERFORMED BEFORE OR AFTER HOURS. WHEN DRILLING AND CORING, X-RAYS AND CORES MUST BE REVIEWED BY BASE BUILDING STRUCTURAL ENGINEER. ALL REDUNDANT CORE HOLES ARE TO BE PROPERLY FILLED WITH PRE-BAG CEMENT REINFORCED WITH METAL PLATES FROM THE BOTTOM.
- 1.11. MAKE ALL PIPING AND ELECTRICAL CONNECTIONS TO PUMPS AND MOTOR ASSEMBLIES AS SPECIFIED. REFER TO PUMP SCHEDULE (WHERE APPLICABLE).
- 1.12. ONLY PIPING THAT IS TOO LOW TO DRAIN INTO A BUILDING SEWER BY GRAVITY SHALL BE DRAINED TO A SUMP OR RECEIVING TANK. PRIOR TO BID SUBMISSION, THE CONTRACTOR SHALL EXAMINE THE SITE, INCLUDING THE SPACES BELOW NEW AND/OR RENOVATED AREAS AND REPORT TO THE ENGINEER ANY SITE CONDITIONS THAT MAY PREVENT DRAINAGE BY GRAVITY. FOR ANY ALTERNATIVE TO DRAINAGE BY GRAVITY: CONTRACTOR IS TO PROVIDE A SEPARATE PRICE IN BID, HE IS TO SUBMIT THE REQUIRED DOCUMENTATION TO AND OBTAIN APPROVAL FROM THE AUTHORITY HAVING JURISDICTION AND THE LANDLORD AT HIS OWN TIME AND EXPENSE, AND HE IS TO RETAIN AN ENGINEER AT HIS OWN TIME AND EXPENSE TO PROVIDE SIGNED AND SEALED DRAWINGS FOR ANY
- 2. CLEANING, FLUSHING AND DISINFECTING OF DOMESTIC WATER PIPING
- 2.1. FOLLOW PROCEDURES AS OUTLINED IN THE LATEST EDITION OF STANDARD AWWA C651.
- 2.2. PREVENT CONTAMINATING MATERIAL FROM ENTERING THE SYSTEM DURING STORAGE, CONSTRUCTION AND REPAIR.
- 2.3. REMOVE AND FLUSH ALL FOREIGN MATTER THAT HAS ENTERED THE PIPING.
- 2.4. PROTECT THE EXISTING DISTRIBUTION SYSTEM FROM BACKFLOW DUE TO HYDROSTATIC PRESSURE AND DISINFECTION PROCEDURES. 2.5. CHLORINATE RESIDUAL CONTAMINATION THAT MAY REMAIN AND FLUSH THE CHLORINATED WATER WHEN COMPLETE. FOLLOWING THIS, DETERMINE THE BACTERIOLOGICAL QUALITY OF

THE WATER BY LABORATORY TESTING. CONNECT THE WATER SYSTEM ONLY WHEN TEST

- RESULTS INDICATE AN APPROVED AND DISINFECTED SYSTEM.
- 3. PIPING INSULATION 3.1. PROVIDE PIPING INSULATION FOR PLUMBING SYSTEMS AS FOLLOWS:

ENSURE THAT THE METHODS COMPLY WITH LOCAL BY-LAWS.

- 3.1.1. DCW: TYPE 'A', 1"ø TO 4"ø 1/2" THICK, 5" AND UP 1" THICK
- 3.1.2. DHW(R): TYPE 'A', UP TO 2"Ø 1" THICK, 2-1/2"Ø AND UP 1-1/2" THICK 3.1.3. CD (HORIZONTAL): TYPE 'A', 1/2" AND UP - 1" THICK
- JACKET AND VAPOUR RETARDER. CONNECT SECTIONS OF INSULATION WITH BUTT STRIPS SUPPLIED BY THE INSULATION MANUFACTURER.

3.2. TYPE 'A': JOHNS MANVILLE MICRO-LOK FIBER GLASS PIPE INSULATION COMPLETE WITH

3.3. WHERE NOTED, RECOVER INSULATION WITH HEAVY-GAUGE PVC FITTINGS, COVER AND

### JACKETING EQUAL TO JOHNS MANVILLE ZESTON 300 SERIES. 4. PIPING MATERIALS (SEE BELOW FOR MATERIALS

### SPECIFICATIONS)

- 4.1. DCW AND DHW(R)
- 4.1.1. ABOVE GROUND: TYPE
- 4.1.2. UNDERGROUND: TYPE 2 4.2. SANITARY & STORM DRAINAGE PIPING
- 4.2.1. ABOVE GROUND: TYPE 3, TYPE 4
- 4.2.2. UNDERGROUND: TYPE 4 (2"ø MIN.), TYPE 5, TYPE 7 4.3. <u>VENT PIPING</u>
- 4.3.1. ABOVE GROUND: TYPE 3, TYPE 4,

CLASSIFICATION OF LESS THAN 50.

- 4.3.2. UNDERGROUND: TYPE 4, TYPE 5, TYPE 7 TYPE 1: TYPE L HARD DRAWN COPPER TUBING WITH WROUGHT COPPER FITTINGS AND 95/5
- TIN/ANTIMONY SOLDER JOINTS.'
- TYPE 2: TYPE K SOFT ANNEALED COPPER TUBING WITH NO JOINTS. TYPE 3: TYPE DWV COPPER TUBE AND FITTINGS WITH 95:5 TIN: ANTIMONY SOLDER JOINTS
- TYPE 4: CAST IRON PIPING AND FITTINGS COMPLYING WITH CAN/CSA-B70. FOR MECHANICAL JOINTS ABOVE GRADE. USE NEOPRENE OR BUTYL RUBBER COMPRESSION GASKETS TO CAN / CSA - B70 WITH STAINLESS STEEL CLAMPS. FOR MECHANICAL JOINTS BELOW GRADE USE MISSION HEAVYWEIGHT COUPLINGS FOR HUB AND SPIGOT CONNECTIONS, PROVIDE NEOPRENE GASKET TO CAN/CSA-B70 AND COLD CAULKING COMPOUNDS. DO NOT USE HUB AND SPIGOT FOR ABOVE GROUND APPLICATIONS.
- TYPE 5: IPEX RING-TITE PVC SDR 35 SEWER PIPE IN COMPLIANCE WITH CSA B182.2 AND CSA B182.7. LATERALS WILL BE IPEX RING-TITE PVC SDR 28 IN COMPLIANCE WITH CSA
- TYPE 6: IPEX SYSTEM 15 PIPING AND FITTINGS COMPLYING WITH CSA B181.2, SCHEDULE 40 WITH A FLAME SPREAD RATING OF NOT GREATER THAN 25 AND A SMOKE DEVELOPED
- 5. <u>VALVES</u> 5.1. PROVIDE ASTM DOMESTIC WATER VALVES TO THE FOLLOWING KITZ FIGURE NUMBERS:

TYPE 7: ROYAL ABS-DWV PIPING AND FITTINGS CERTIFIED TO CSA B181.1.

- 5.1.1. GATE VALVES 5.1.1.1. 2"ø AND SMALLER: SOLDERED, 1400 KPA [200PSI] W.O.G., FIG. 44 5.1.1.2. 2-1/2"ø AND LARGER: FLANGED, 1400 KPA [200PSI] W.O.G., FIG. 44
- 5.1.2.1. 2"0 AND SMALLER: SOLDERED, 2070 KPA [300 PSI], W.O.G. FIG 10 WITH SUITABLE COMPOSITION DISC. 5.1.2.2. 2-1/2"ø AND LARGER: FLANGED, 1400 KPA [200 PSI], W.O.G. FIG. 76
- 5.1.3. STANDARD CHECK VALVES 5.1.3.1. 2"ø AND SMALLER: SOLDERED, 2070 KPA [300 PSI], W.O.G. FIG 23

5.1.3.2. 2-1/2"ø AND LARGER: FLANGED, 1400 KPA [200 PSI], W.O.G. FIG. 78

5.1.4.1. 2"Ø AND SMALLER: BALL VALVES MAY BE PROVIDED AS A SUBSTITUTE FOR GATE AND GLOBE VALVES. PROVIDE BALL VALVES WITH BRASS OR BRONZE BODY, CHROME

PLATED SOLID BALL, PTFE SEATS AND SEALS AND FULL PORT, KITZ FIG. 59

5.2. PROVIDE ISOLATION VALVES FOR DOMESTIC HOT AND COLD WATER SYSTEMS AT MAIN PIPING, BRANCH PIPING, AT FIXTURES AND EQUIPMENT.



# BENNET

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consultant's drawings prior to proceeding with the work.

architectural, structural, mechanical and all other



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by description

B | 11.JUN.2024 | G.I. | ISSUED FOR PERMIT/TENDER

23.MAY.2024 | G.I. | ISSUED FOR 90% REVIEW

10.APR.2024 G.I. ISSUED FOR 50% REVIEW

MISSISSAUGA, ON

SPECIFICATIONS SHEET

N.T.S.

APRIL 2024 24135

MPAC MISSISSAUGA 6925 CENTURY AVENUE UNIT 502

SYMBOL	DESCRIPTION
	EXISTING DUCTWORK/EQUIPMENT
	EXISTING DUCTWORK/EQUIPMENT TO BE REMOVED
	NEW RIGID DUCTWORK
	NEW HVAC EQUIPMENT
	EXISTING FLEXIBLE DUCTWORK
	NEW FLEXIBLE DUCTWORK
L BD	'BALANCING DAMPER'
	TROFFER DIFFUSER
<u> </u>	LINEAR SLOT DIFFUSER
M	SQUARE SUPPLY AIR DIFFUSER
	RETURN AIR GRILLE
 	THERMOSTAT, SENSOR
A-6"ø_	DIFF TYPE/SIZE_
150CFM	AIR CAPACITY
TYP.	'TYPICAL'
\$	SINGLE POLE SWITCH
X-XX	EQUIPMENT TAG
CAP	CAP ON DUCTWORK
CTE	'CONNECT TO EXISTING'
	CABINET EXHAUST FAN
# <b>\</b> #	INLINE EXHAUST FAN
<b>≿=====</b>	DUCTWORK WITH ACOUSTIC OR THERMAL INSULATION (SEE SPECS.
	DUCTWORK WITH ACOUSTIC INSULATION
	DUCTWORK WITH THERMAL INSULATION
<del></del>	CONTINUATION OF DUCTWORK/PIPING
	EXISTING CONTROL WIRING
	NEW CONTROL WIRING
□	SPIN-IN DUCT CONNECTION WITH BALANCING DAMPER
	AIR TRANSFER DUCT
	RETURN AIR
	SUPPLY AIR
EX.SAN	EXISTING ABOVE GROUND SANITARY DRAINAGE PIPING
EX.SAN	EXISTING UNDERGROUND SANITARY DRAINAGE PIPING
SAN	ABOVE GROUND SANITARY DRAINAGE PIPING
——SAN——	UNDERGROUND SANITARY DRAINAGE PIPING
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
HD O	HUB DRAIN
CO 1 <del></del>	EXPOSED CLEANOUT
ு	SANITARY 'P' TRAP
7	DRAWING NOTE

TAG MAKE/MODEL FINISH REMARKS								
A	EH PRICE ATG1 DOOR GRILLE		ALUMINUM CONSTRUCTION, SIGHT-PROOF, WITH CONCEALED MOUNTING OF FLANGE FRAME. SIZE AS SHOWN ON DRAWINGS.					
В	EH PRICE MODEL 80 EGG CRATE RETURN/EXHAUST GRILLE	B12	CORE ONLY, 1/2"X1/2"X1/2" ALUMINUM GRID CORE, FOR T-BAR LAY-IN					
C EH PRICE MODEL 510 LOUVERED EXHAUST GRILLE  B12 STEEL CONSTRUCTION, 3/4" BLADE SPACING. 0° DEFLECTION, FOR T-BAR LAY-IN 1/2"X1/2"X1/2" ALUMINUM GRID CORE, FOR T-BAR LAY-IN.								

3. CONFIRM ALL FINISHES WITH ARCHITECT/INTERIOR DESIGNER.

	PLUMBING FIXTURE SCHEDULE							
	FIXTURES	PIPE CONNECTION						
TAG	SPECIFICATION	TRAP	COLD WATER	HOT WATER	DRAIN	VENT		
	SINGLE COMPARTMENT KITCHEN SINK - SINGLE HANDLE FAUCET							
	ELKAY CELEBRITY, MODEL PSRADW191955L, STAINLESS STEEL 19-1/2"X19-1/2"X5-1/2" BOWL, DROP-IN ADA SINK, 1 FAUCET HOLE.							
	FRANKE FFP3350 PULL DOWN SPRAY FAUCET — MANUAL, SINGLE HANDLE, SINK FAUCET, STAINLESS STEEL FINISH.							
S1	LAWLER 570-86820 MIXING VALVE - POINT OF USE AND MASTER CONTROLLED FIXTURES, THERMOSTATIC MASTER WATER MIXING CONTROL VALVE, 11 LPM (3 GPM) TEMPERED FLOWRATE @ 5 PSI PRESSURE DROP, 7 GPM FLOWRATE @ 45 PSI, 1.9 - 30 LPM (0.5 - 8 GPM) RANGE FOR FLOWRATE	1-1/2"ø	1/2"ø	1/2"ø	1-1/2"ø	1-1/4 <b>"</b> ø		
	MCGUIRE LFCK165LK SUPPLY — ICV DEFENDER, LEAD FREE, WITH CHROME—PLATED FINISH, INTEGRAL CHECK SUPPLY KIT, FAUCET PIPE TO COMPRESSION CONNECTION, 3/8" I.P.S X 3/8" O.D CONNECTION, SHALLOW WALL FLANGE, LOOSE KEY HANDLE.							
	MCGUIRE 8912CB P-TRAP - HEAVY CAST BRASS, ADJUSTABLE P-TRAP, 292 MM (11-1/2") LENGTH, WITH CLEANOUT PLUG							
	HUB DRAIN							
HD	MIFAB SERIES F1780-13 LACQUERED CAST IRON INDIRECT WASTE FUNNEL. 2"Ø, NO HUB, GALVANIZED BODY.	2"ø			2"ø			
	TRAP SEAL PRIMER							
TSP	P.P.P. #SMP-500-115V HARD WIRED TRAP SEAL PRIMER - LEAD-FREE BRASS BODY SMART-PRIME ELECTRONIC TRAP PRIMING MANIFOLD, 1/2" (13 MM) DIAMETER CONNECTION EQUIPPED WITH VACUUM BREAKER PORTS AND INTERNAL BACKFLOW PROTECTION.		1/2"ø					

	ELECTRIC HOT WATER TANK/HEATER SCHEDULE									
RE.	F. MANUFACTURER	MODEL	CAPACITY (USGAL)	TYPE	INPUT (KW)	RECOVERY RATE (USGAL/HR)	V/PH/HZ	APPROX OPERATING WEIGHT (LBS)	REMARKS	
HW	1 AOSMITH	DEL-6	6.0	ELECTRIC	1.5	7 @ ΔT=90°F	120/1/60	85.0	COMMERCIAL GRADE ELECTRIC HOT WATER TANK. INSTALL SYSTEM IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFER	

TO DETAILS FOR PIPING SCHEMATIC.

\*\*NOTE\*\* REFER TO INTERIOR DESIGNER'S DRAWINGS FOR SPECIFICATIONS OF PLUMBING FIXTURES NOT LISTED ON MECHANICAL DRAWINGS.

	EXHUAST FAN SCHEDULE										
TAG	MODEL	MAKE	SERVICE ROOM	CAPACITY (CFM)	ESP (IN.WG.)	RPM	DRIVE	MOTOR (W)	V/PH/HZ	APPOX. WEIGHT (LBS)	REMARKS
TF1	SP-A390	GREENHECK	LAN. ROOM — 513	300	0.25	1350	DIRECT	135	115/1/60	30.0	FAN TO BE CONTROLLED BY REVERSE ACTING THERMOSTAT.
TF2	CSP-A390	GREENHECK	MEETING ROOM - 307	300	0.25	1350	DIRECT	135	115/1/60	30.0	FAN TO BE CONTROLLED BY WALL MOUNTED TIME DELAY SWITCH, MODEL 874214.
TF3	CSP-A710	GREENHECK	TRAINING ROOM - 306	500	0.25	906	DIRECT	285	115/1/60	40.0	FAN TO BE CONTROLLED BY WALL MOUNTED TIME DELAY SWITCH, MODEL 874214.

1. COLOURS SHALL BE SELECTED BY ARCHITECT/INTERIOR DESIGNER.
2. TITUS AND NAILOR WILL BE CONSIDERED EQUAL GIVEN THAT THE PERFORMANCE DATA IS EQUIVALENT.

EXISTING VAV TERMINAL UNIT									
TAG	MANUFACTURER	MODEL NO.	SIZE (IN.)	CFM (MAX. / MIN.)	ELECTRICAL (V/PH/HZ)	REMARKS			
EX.VAV1	-	-	6"ø	450 / 325		EXISTING TO RE-BALANCE			
EX.VAV2	_	-	10"ø	600 / 300		EXISTING TO RE-BALANCE			
EX.VAV3	_	-	12"ø	900 / 450		EXISTING TO RE-BALANCE			
EX.VAV4	_	-	12"ø	1050 / 500		EXISTING TO RE-BALANCE			
EX.VAV5	_	-	12"ø	750 / 350		EXISTING TO RE-BALANCE			
EX.VAV6	_	-	12"ø	900 / 450		EXISTING TO RE-BALANCE			
EX.VAV7	_	-	6"ø	250 / 150		EXISTING TO RE-BALANCE			
EX.VAV8	-	-	10 <b>"</b> ø	750 / 400		EXISTING TO RE-BALANCE			

1. BASIS OF DESIGN: E.H. PRICE, SDV 2. EQUAL IN: CARNES, NAILOR, TITUS.

3. COORDINATE WITH CONTROLS VENDOR PRIOR TO SUBMITTING SHOP DRAWINGS C/W CONTROL TRANSFORMER, REFER TO SCHEDULES FOR VAV MAXIMUM AND MINIMUM AIRFLOW SETTINGS.

4. PROVIDE NEW INTERNAL INSULATION AND FILTERED RETURN AIR INLET.
5. MIN. VENTILATION CFM SET TO 25%.
6. ALL CONTROL WIRING AND COMMISSIONING SHALL BE PERFORMED BY FACTORY CERTIFIED TECHNICIAN.

	DESIGN COOLI		DESIGN HEATING						
	C	OOLING OA DB/WB 87.0°F 71.0	°F	HEATI	HEATING OA DB/WB -4.0°F -5.3°F				
ZONE LOADS	DETAILS	SENSIBLE (BTU/HR)	LATENT (BTU/HR)	DETAILS	SENSIBLE (BTU/HR)	LATENT (BTU/HR)			
WINDOWS SOLAR LOADS	851 FT²	48581							
WALL TRANSMISSION	820 FT²	3761		820 FT²	13670				
WINDOW TRANSMISSION	851 FT²	4192		851 FT²	37007				
LIGHTING	3730 W	9699							
EQUIPMENT	10700 W	32634							
PEOPLE	69	11882	14145						
VENTILATION	756 CFM	8222	13008	756 CFM	56671				
TOTAL SYSTEM LOADS		128889	27153		103595				

VENTILATION AIR CALCULATIONS						
SCOPE OF WORK (FT²) =	3730					
# OF PEOPLE =	69					
VENTILATION AIR						
OFFICE AREA (3130 FT <sup>2</sup> * 0.06) =	188	CFM				
WORK CAFE (600 FT <sup>2</sup> * 0.12) =	72					
PEOPLE (PPL * 5 CFM) =	345	CFM				
ZONE AIR DISTRIBUTION EFFECTIVENESS	0.8					
DESIGN OUTDOOR AIRFLOW	756	CFM				



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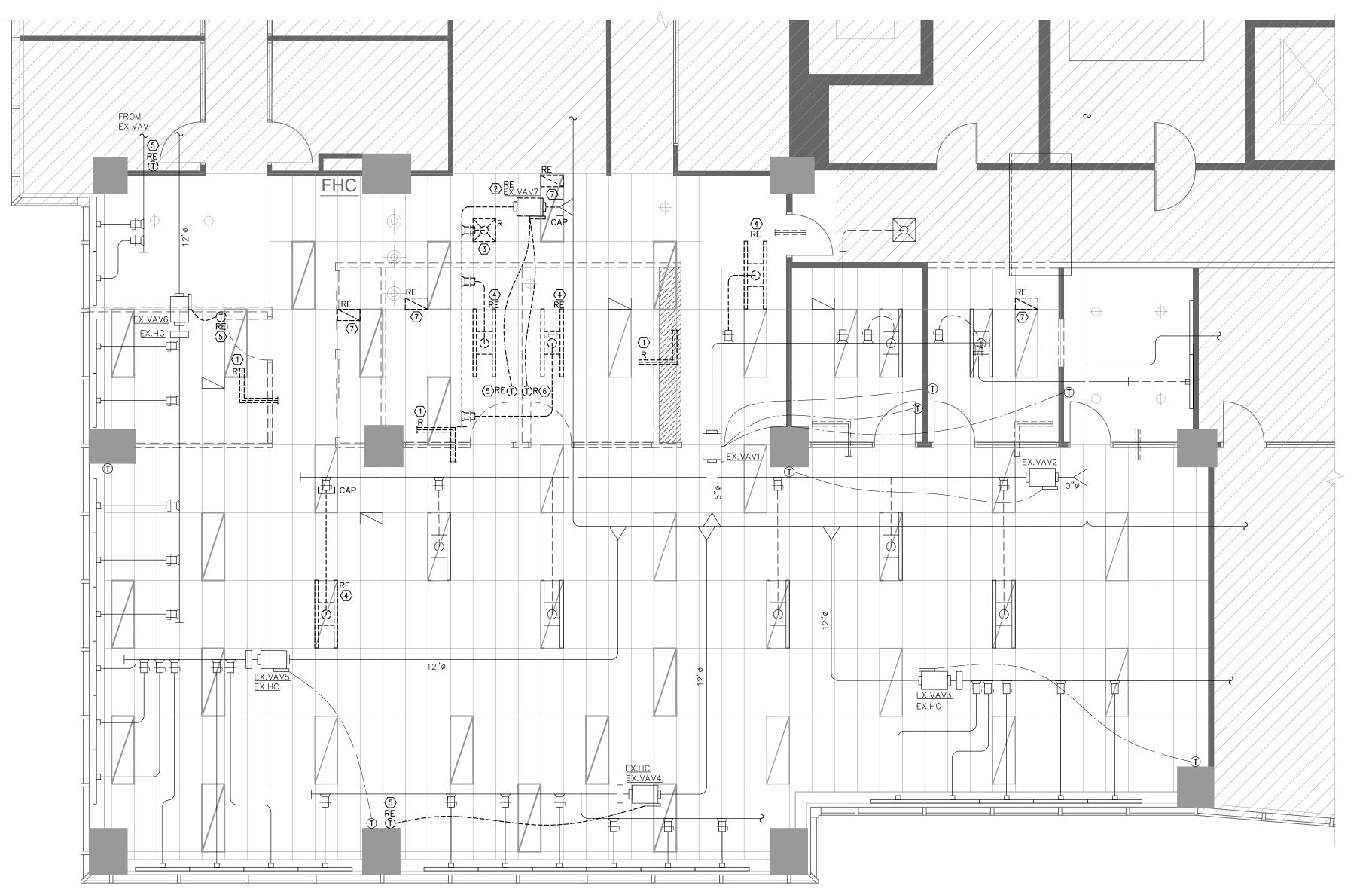
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roject title	
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6925 CENTURY	AVENUE
UNIT 502	

MISSISSAUGA, ON

EQUIPMENT SCHEDULES AND LEGEND SHEET

date	project no.	
APRIL 2024	24135	
drawn by	cad file:	
R.C.		
checked by	drawing no.	
G.I.		
scale N.T.S.	M-3	



### GENERAL DEMOLITION MECHANICAL NOTES

- 1. REMOVE ALL EQUIPMENT AS INDICATED AND ITS ASSOCIATED DUCTWORK, PIPING, AND CONTROLS. RE-PATCH AND REPAIR ALL EXISTING HOLES AND PENETRATION TO MATCH EXISTING.
- 2. CONTRACTOR SHALL INCLUDE IN THE TENDER PRICE A PRE-BALANCING REPORT FOR EXISTING HVAC SYSTEM SERVING THE SPACES(S) WITHIN THE SCOPE OF WORK. COMPLETE WITH INFORMATION SUCH AS STATIC PRESSURE, AIR VELOCITIES, OUTDOOR/SUPPLY/RETURN AIR QUANTITIES, DISCREPANCIES (IF ANY), AND DEFICIENCIES (IF ANY) FOR ALL COMPONENTS OF THE EXISTING HVAC SYSTEM SUCH AS AIR HANDLING UNITS, VAV BOXES, FAN, DUCTWORK, AND DIFFUSERS. THE REPORT IS TO BE SUBMITTED FOR ENGINEER'S REVIEW PRIOR TO CONSTRUCTION.

### DEMOLITION MECHANICAL DRAWING NOTES

- (1) EXISTING TRANSFER AIR DUCTWORK TO BE REMOVED. TYPICAL FOR 3.
- (2) EXISTING VAV BOX TO BE RELOCATED. REMOVE AND DEMOLISH ASSOCIATED DUCTWORK AS SHOWN. POWER DISCONNECTION BY ELECTRICAL DIVISION.
- (3) EXISTING SQUARE DIFFUSER TO BE REMOVED C/W FLEX/RIGID BRANCH DUCTWORK BACK TO MAIN.
- (4) EXISTING LIGHT TROFFER DIFFUSER TO BE RELOCATED.
  CUT AND CAP FLEX/RIGID BRANCH DUCTWORK BACK TO
  MAIN. TYPICAL FOR 4.
- (5) EXISTING THERMOSTAT TO BE RELOCATED. TYPICAL FOR 4.
- (6) EXISTING THERMOSTAT TO BE REMOVED.
- (7) EXISTING RETURN AIR GRILLE TO BE RELOCATED. TYPICAL FOR 2



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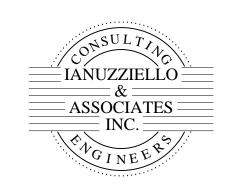
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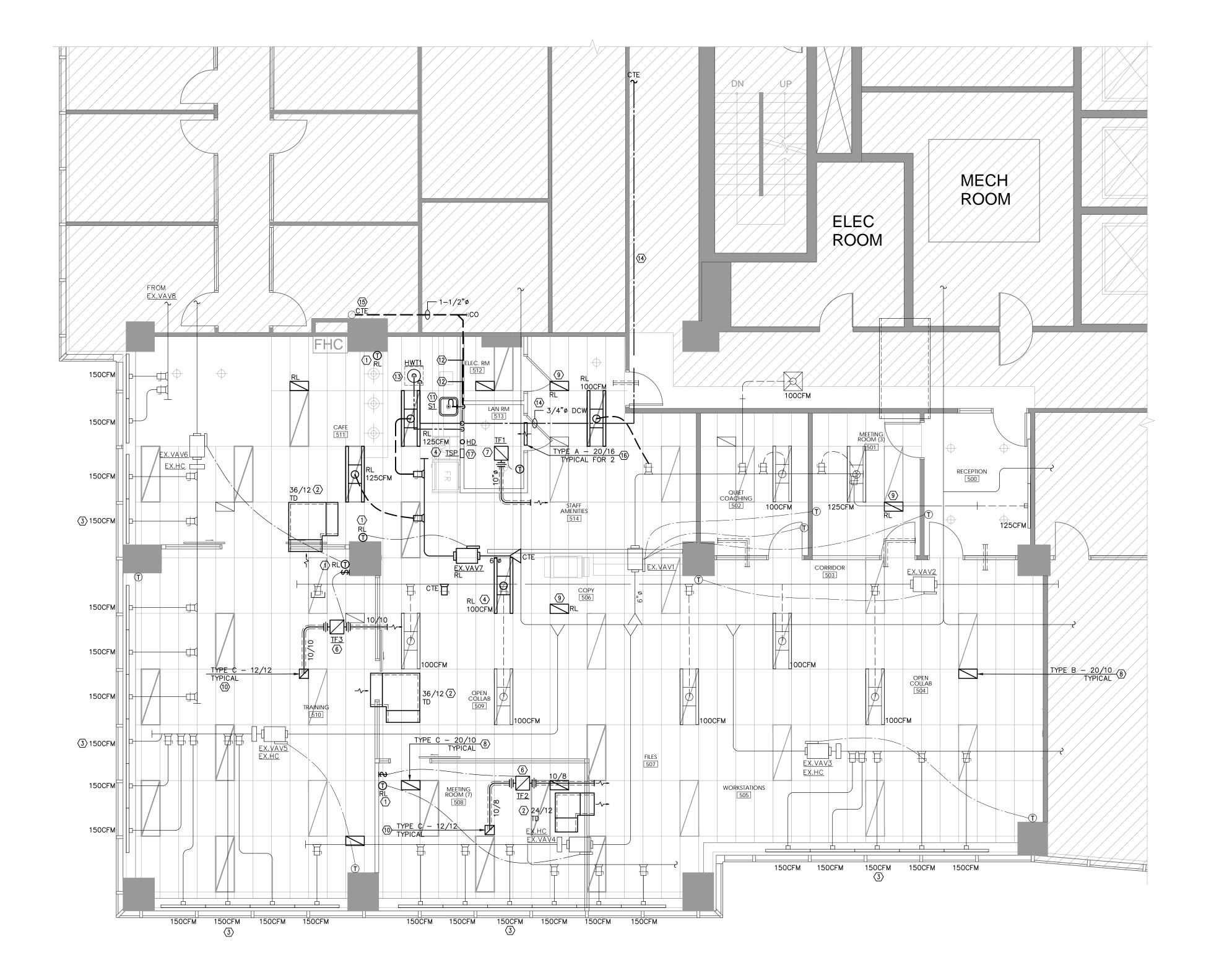
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awing title

PARTIAL 5TH FLOOR DEMOLITION MECHANICAL PLAN



G.I. scale 3/16" = 1' - 0"	M-4
checked by	drawing no.
R.C.	
drawn by	cad file:
APRIL 2024	24135
date	project no.



### GENERAL MECHANICAL NOTES

- 1. DO NOT SCALE DRAWINGS. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR SPECIFIED THAT ATE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED BY THE SITE CONDITIONS. REVIEW ALL REVISIONS WITH THE CONSULTANT.
- FLOOR PLANS SHALL BE READ IN CONJUNCTION WITH SCHEMATICS. INFORMATION SHOWN ON FLOOR PLANS SHALL BE ASSUMED TO BE APPLICABLE TO THE RELATED SYSTEM SCHEMATIC AND VICE—VERSA TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
- 3. ALL TRANSFER AIR DUCTS SHALL BE ACOUSTICALLY LINED ELBOW DUCTS AS SHOWN OR UNLESS INDICATED OTHERWISE. TRANSFER AIR DUCTS SHALL NOT BE USED IN LIEU OF SILENCERS.
- 4. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF GRILLES AND DIFFUSERS.
- 5. COORDINATE FINAL LOCATION WITH THE ARCHITECT WITHIN 1000MM (40 IN) OF LOCATION SHOWN. ALL RELOCATIONS OUTSIDE OF THIS RANGE SHALL BE REVIEWED WITH THE CONSULTANT.

6. TEMPERATURE SENSORS SHALL MATCH ELEVATION OF LIGHT SWITCHES

- ABOVE THE FINISHED FLOOR UNLESS INDICATED OTHERWISE.
- 7. DIFFUSER DUCT RUN-OUTS SHALL BE THE SAME SIZE AS THE DIFFUSER INLETS UNLESS INDICATED OTHERWISE.
- 8. ALL DUCT BRANCHES TO EACH DIFFUSER SHALL BE EQUIPPED WITH A BALANCING DAMPER EXCEPT WHERE THE DIFFUSER INCLUDES THE
- 9. COORDINATE ALL MECHANICAL SITE SERVICES, PIPING, AND EQUIPMENT WITH ALL OTHER DIVISIONS.
- 10. ALL BRANCH PIPING SHALL BE EQUIPPED WITH SHUT-OFF VALVES.
  PROVIDE ISOLATION VALVES AT ALL FIXTURES.
- 11. ALL CLEANOUTS AND ISOLATION VALVES AND EQUIPMENT INSTALLED IN CEILING SPACE NOT ACCESSIBLE, THE CEILING SHALL BE ACCESSIBLE
- VIA AN ACCESS HATCH.

  12. LAYOUT INDICATED ON THIS DRAWINGS IS DIAGRAMMATIC AND IDENTIFIES
- THE DESIGN INTENT ONLY.

  13. THE MECHANICAL CONTRACTOR SHALL EXAMINE THE SITE PRIOR TO BID
- 14. PROVIDE PIPE SLEEVES FOR ALL PENETRATIONS THROUGH WALLS AND FLOORS. PACK AND SEAL OPENINGS WITH APPROVED FIRE PROOFING
- MATERIAL AS DIRECTED BY ARCHITECT.

  15. PROVIDE SHUT OFF VALVE AT EACH WATER CONNECTION TO FIXTURES.

SUBMISSION.

- 16. CONTRACTOR TO FIELD LOCATE ALL EXISTING SERVICES THAT ARE REQUIRE FOR THIS PROJECT
- 17. ALL FLOOR DRAINS/HUB DRAINS SHALL BE COMPLETE WITH TRAPS AND TRAP PRIMERS IN COMPLIANCE WITH OBC.
- 18. UPDATE EXISTING BUILDING AUTOMATION CONTROL SYSTEM GRAPHICS TO REFLECT CHANGES IN VAV BOXES AND ASSOCIATED TEMPERATURE SENSOR LOCATIONS AS REQUIRED. COORDINATE THIS WORK WITH BUILDING MANAGEMENT.
- 19. ANY DRILLING OR CUTTING MUST BE PERFORMED BEFORE OR AFTER HOURS. WHEN DRILLING AND CORING, X—RAYS AND CORES MUST BE REVIEWED BY BASE BUILDING STRUCTURAL ENGINEER. ALL REDUNDANT CORE HOLES ARE TO BE PROPERLY FILLED WITH PRE—BAG CEMENT REINFORCED WITH METAL PLATES FROM THE BOTTOM.

### NEW MECHANICAL DRAWING NOTES

- The relocated existing thermostat/sensor serving vav to where shown. Provide New Control Wiring as required. Typical for 4.
- PROVIDE NEW TRANSFER AIR DUCTWORK OF SIZE AND TYPE INDICATED. TYPICAL FOR 3.
- (3) EXISTING SUPPLY SQUARE/LINEAR DIFFUSER TO REMAIN. RE-BALANCE AIR QUANTITY AS INDICATED. TYPICAL.
- EXISTING LIGHT TROFFER DIFFUSER TO BE RELOCATED C/W NEW FLEX/RIGID BRANCH DUCTWORK (SIZE TO MATCH DIFFUSER NECK). BALANCE AIR QUANTITY AS INDICATED. TYPICAL.
- PROVIDE NEW S/A DIFFUSER OF SIZE AND TYPE SPECIFIED C/W FLEX/RIGID BRANCH DUCTWORK AND DUCT COLLAR CONNECTION (SIZE TO MATCH DIFFUSER NECK). BALANCE AIR QUANTITY AS INDICATED.
- PROVIDE NEW TRANSFER FAN AS SPECIFIED C/W HANGERS AND SUPPORT. PROVIDE DUCTWORK OF SIZE INDICATED AND TERMINATE IN CEILING PLENUM. FAN TO BE CONTROLLED BY 20/40/60 TIMER. TYPICAL FOR 2.

TYPICAL FOR 2.

THERMOSTAT.

- PROVIDE NEW TRANSFER FAN AS SPECIFIED C/W HANGERS AND SUPPORT. PROVIDE DUCTWORK OF SIZE INDICATED AND TERMINATE IN CEILING PLENUM. FAN TO BE CONTROLLED BY REVERSE ACTING
- (8) PROVIDE NEW RETURN AIR GRILLE OF SIZE AND TYPE SPECIFIED.
- (9) EXISTING RELOCATED RETURN AIR GRILLE TO NEW LOCATION. TYPICAL
- PROVIDE NEW EXHAUST GRILLE OF SIZE AND TYPE SPECIFIED. TYPICAL FOR 2.
- (1) RUN NEW 1/2"Ø DCW/DHW, 1-1/2"Ø SANITARY DRAIN AND 1-1/4"Ø SANITARY VENT TO NEW SINK. RUN ALL VERTICAL PIPING IN WALL
- PROVIDE NEW 1/2" DCW PROVISION TO COFFEE MACHINE/WATER COOLER. USE COPPER PIPE ONLY. TYPICAL FOR 2.
- PROVIDE NEW ELECTRIC HOT WATER TANK AS SPECIFIED. INSTALL IN CEILING SPACE C/W DRAIN PAN AND LEAK DETECTION SYSTEM. INDIRECTLY TERMINATE RELIEF AND DRAIN PAN TO NEW HUB DRAIN IN CEILING SPACE. REFER TO DETAILS FOR INSTALLATION. ELECTRICAL DIVISION TO PROVIDE POWER.
- RUN NEW DCW LINE AND TIE-IN TO EXISTING. EXACT TIE-IN POINT TO BE VERIFIED ON SITE. TYPICAL.
- (5) CONNECT NEW SANITARY DRAIN FROM SINK TO EXISTING SANITARY STACK. EXACT TIE—IN POINT TO BE VERIFIED ON SITE. TYPICAL.
- (6) PROVIDE NEW DOOR GRILLE OF SIZE AND TYPE INDICATED. TYPICAL.
- PROVIDE NEW ELECTRONIC TRAP SEAL PRIMER TO SERVE NEW HUB DRAIN. POWER BY ELECTRICAL DIVISION.



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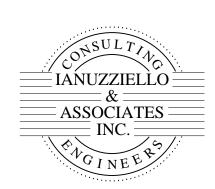
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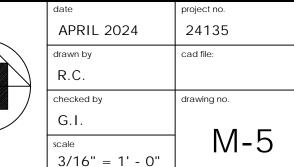
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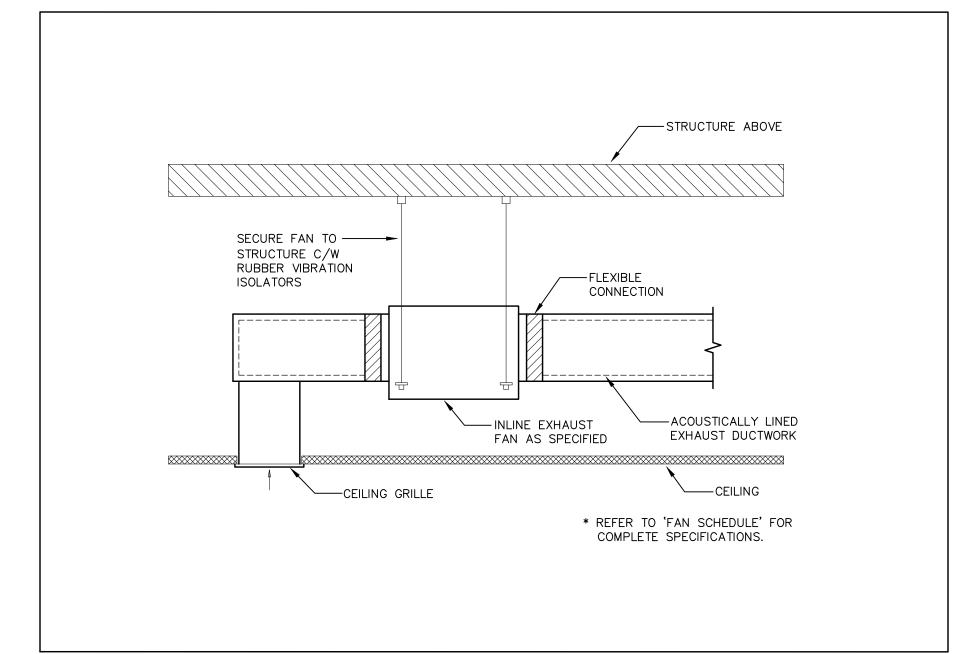
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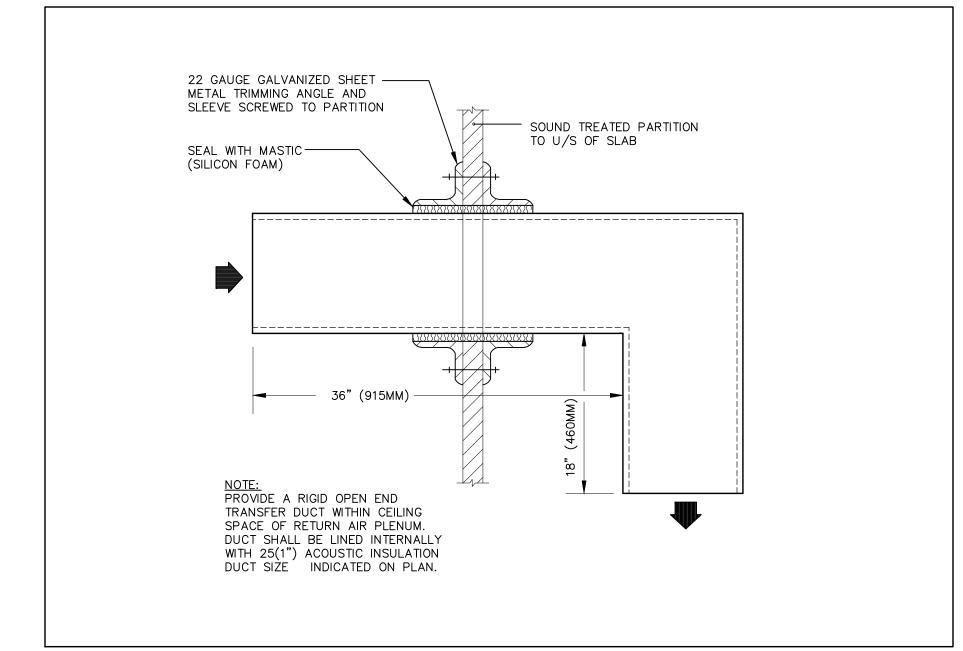
PARTIAL 5TH FLOOR NEW MECHANICAL PLAN



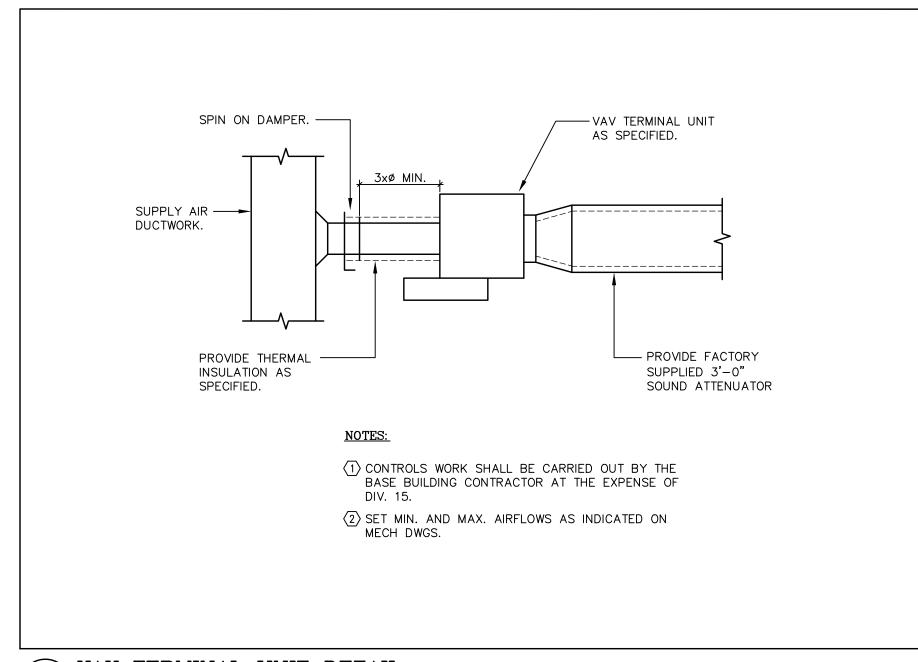


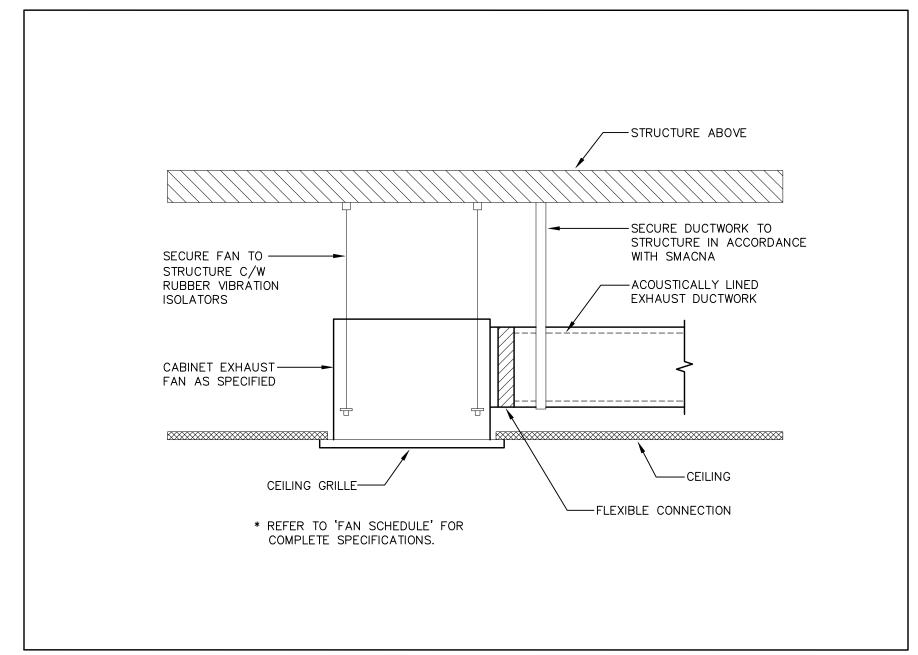


### 1 INLINE EXHAUST FAN DETAIL M-6 SCALE: N.T.S.

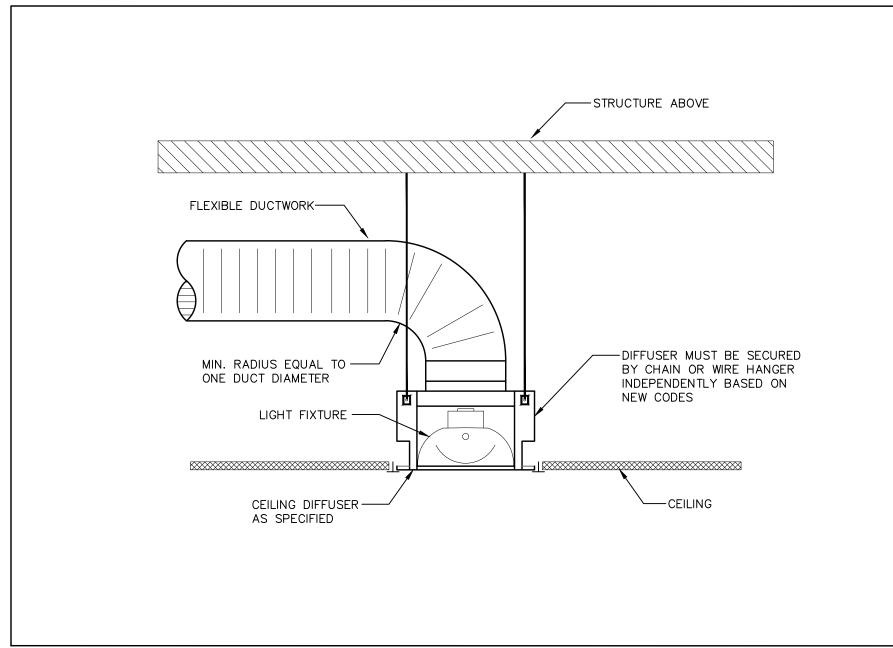


TRANSFER DUCTWORK DETAIL
SCALE: N.T.S.

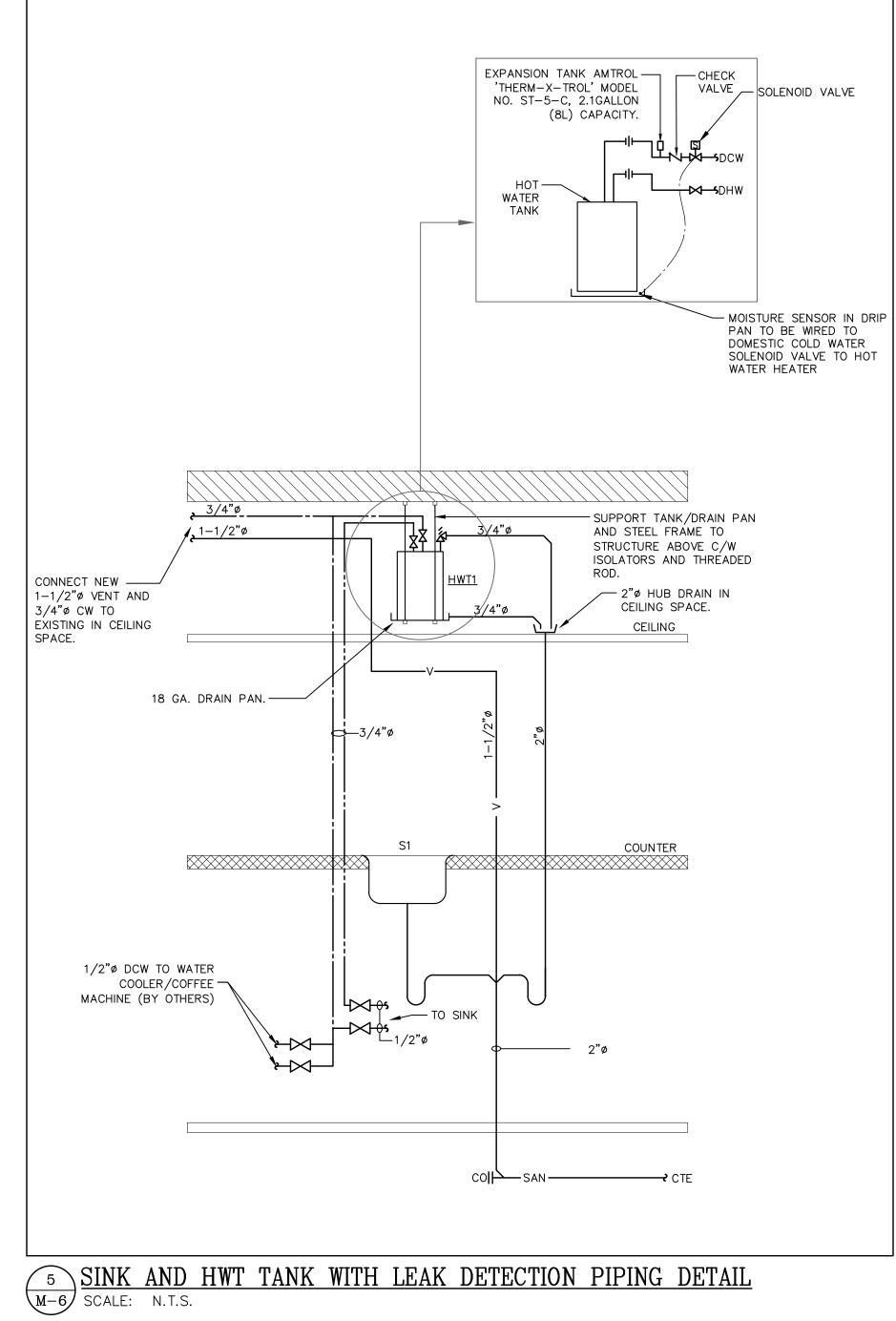




2 CABINET EXHAUST FAN DETAIL SCALE: N.T.S.



4 LIGHT TROFFER DIFFUSER SUPPORT DETAIL SCALE: N.T.S.



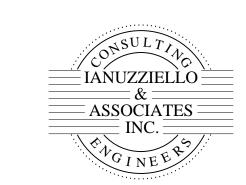


# BENNETT

BENNETTDESIGN 10 Douglas Rd., Unit 2 Uxbridge, ON, L9P1S9 Tel. 905.852.4617 Fax. 905.852.2507 bennettdesign.ca

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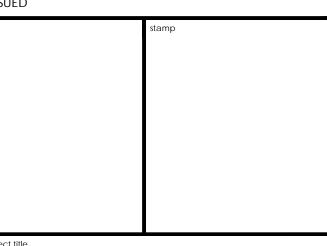


### IANUZZIELLO & ASSOCIATES INC.

305 MILNER AVENUE, SUITE 215 TORONTO, ONTARIO, M1B 3V4 TEL: (416) 609-8570 FAX: (416) 609-0702 E-mail: info@ianuzziello.com

# by description REVISIONS

4	17.JUL.2024	G.I.	ISSUED FOR TENDER
3	11.JUN.2024	G.I.	ISSUED FOR PERMIT/TENDER
2	23.MAY.2024	G.I.	ISSUED FOR 90% REVIEW
1	10. APR. 2024	G.I.	ISSUED FOR 50% REVIEW
no.	date	by	description
ISSL	JED		



MPAC MISSISSAUGA 6925 CENTURY AVENUE **UNIT 502** MISSISSAUGA, ON

**DETAILS SHEET** 

date	project no.
APRIL 2024	24135
drawn by	cad file:
R.C.	
checked by	drawing no.
G.I.	
scale	∃ M-6 I
N.T.S.	

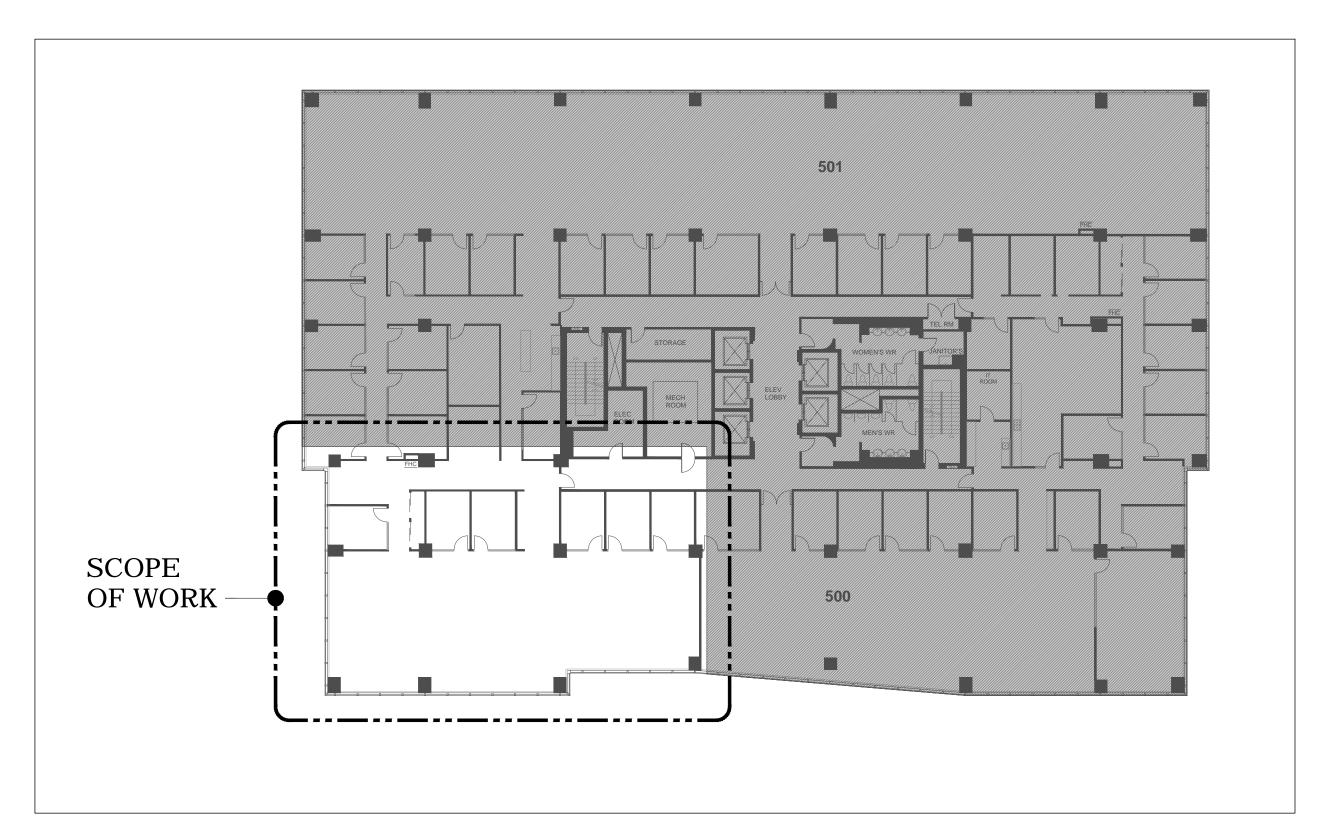
6 VAV TERMINAL UNIT DETAIL SCALE: N.T.S.



# 6925 CENTURY AVENUE **UNIT 501** MISSISSAUGA, ON

# ELECTRICAL DRAWINGS

DRAWING LIST			
NUMBER	DESCRIPTION		
E-1	COVER SHEET		
E-2	SPECIFICATIONS, LEGEND AND DETAIL		
E-3	PART FIFTH FLOOR — DEMOLITION PLAN		
E-4	PART FIFTH FLOOR — LIGHTING PLAN		
E-5	PART FIFTH FLOOR — POWER AND SYSTEMS PLAN		
C-1	PART FIFTH FLOOR — COMMUNICATION PLAN		



5TH FLOOR - KEY PLAN SCALE: N.T.S.

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Uxbridge, ON, L9P 1\$9 Tel. 905.852.4617 Fax. 905.852.2507 bennettdesign.ca

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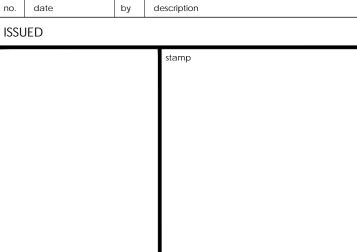
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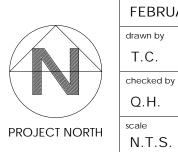
17.JUN.2024	QH	ISSUED FOR TENDER
11.JUN.2024	QH	ISSUED FOR PERMIT/TENDER
23.MAY.2024	QH	ISSUED FOR 90% REVIEW
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REVISIONS



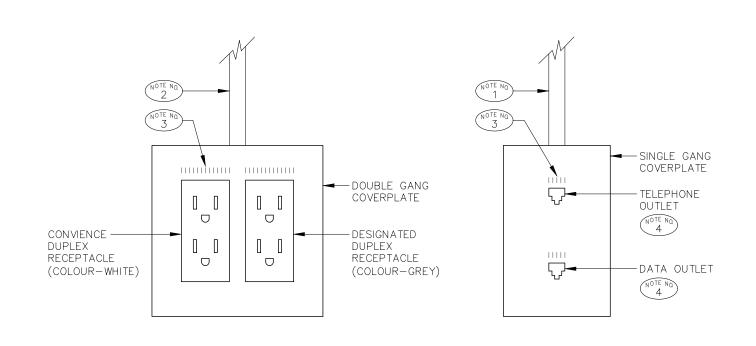
**MPAC** 6925 CENTURY AVENUE **UNIT 502** MISSISSAUGA, ONTARIO

**COVER SHEET** 



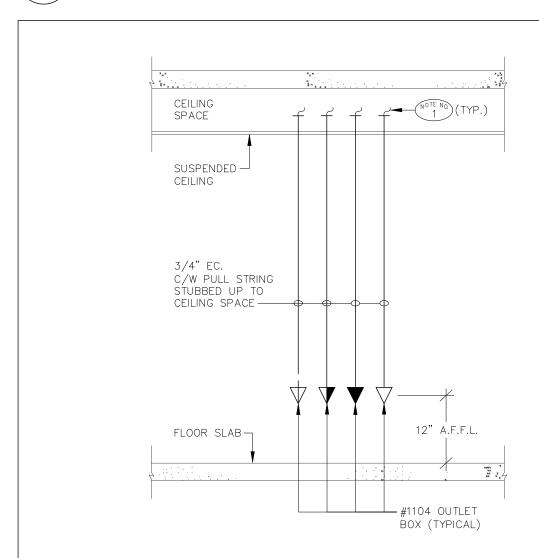
date	project no.
FEBRUARY 2024	24112
drawn by	cad file:
T.C.	
checked by	drawing no.
Q.H.	

E-1



- NOTENON PROVIDE CONDUIT & PULLSTRING TO ACCESSIBLE CEILING SPACE FOR COMMUNICATION OUTLET AT LOCATION OF EXTERIOR WINDOWS PROVIDE 3/4" FLEX CONDUIT WITHIN METAL ENCLOSURE TO PARTITION AND UP TO ACCESSIBLE CELLING.
- POWER CONDUIT TO ASSOCIATED PANEL AT LOCATIONS OF EXTERIOR WINDOWS RUN CONDUIT WITHIN METAL ENCLOSURE TO PARTITON AND UP TO ACCESSIBLE CEILING.
- PROVIDE TAPE LABELLING INDICATING CIRCUIT No. (TYPICAL FOR COMMUNICATION AND POWER OUTLETS).
- CABLING, JACKS AND OUTLET COVERPLATE BY COMMUNICATION CONTRACTOR.

# 1 TYPICAL WALL MOUNTED OUTLET DETAIL

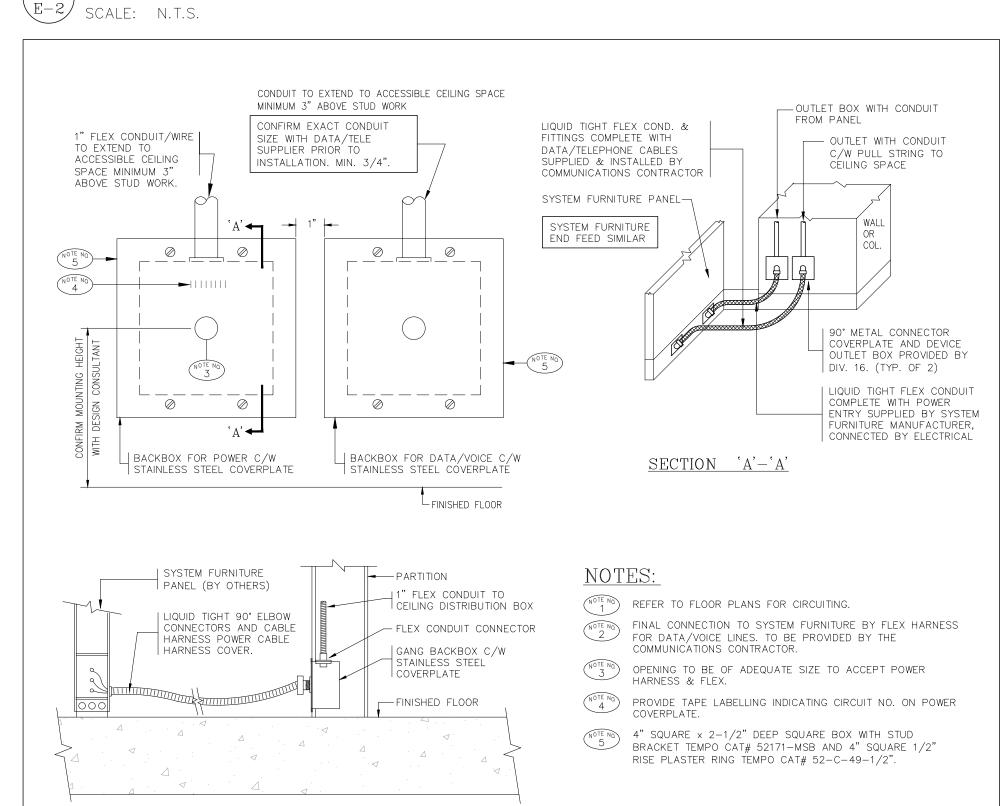


- NOTE NO. ALL CONDUITS TO BE C/W PULL STRINGS 1 BY THIS CONTRACTOR.
- NOTE NO DATA CABLING SHALL BE PLENUM RATED  $2^{-2}$  COMMUNICATION CONTRACTOR.
- TELEPHONE CABLING BY COMMUNICATION CONTRACTOR. NOTE NO CABLING, JACKS AND OUTLET COVERPLATE

DESIGN DRAWINGS FOR DIMENSIONS.

- $\stackrel{\sim}{\sim}$  5  $\stackrel{\sim}{\supset}$  BY COMMUNICATION CONTRACTOR. NOTE NO REFER TO FLOOR PLANS FOR EXACT LOCATION OF OUTLETS AND INTERIOR

# 2 TYPICAL COMMUNICATION DIAGRAM DETAIL



### TYPICAL SYSTEM FURNITURE WALL POWER/COMM-IN DETAIL $\overline{E}$ SCALE: N.T.S.

### LEGEND SYMBOL DESCRIPTION 4" RECESSED DOWNLIGHT LED LUMINAIRE C/W 50° BEAM ANGLE, 0-10V DIMMING DRIVER, 20 WATTS 120V, 1400 LUMENS, 4000°K MANUFACTURER: CSCLED CAT.# CDL02-4-R-20W-4CCT-UD EXISTING RECESSED 20"x60" BASE BUILDING LUMINAIRE TO REMAIN UNLESS NOTED OTHERWISE. EXISTING RECESSED 20"x60" BASE BUILDING LUMINAIRE TO BE REMOVED AND RELOCATED. L\_\_\_\_J EXISTING RECESSED 20"x60" BASE BUILDING LUMINAIRE SHOWN IN RELOCATED POSITION. RECESSED 20"x60" LUMINAIRE TO MATCH EXISTING BASE BUILDING EXISTING RECESSED 20"x60" BASE BUILDING LUMINAIRE TO BE CONNECTED TO EMERGENCY LIGHTING CIRCUIT. EXISTING RECESSED DOWNLIGHT LUMINAIRE TO REMAIN UNLESS NOTED OTHERWISE. EXISTING PENDANT LUMINAIRE TO BE REMOVED. WALL/CEILING MOUNTED EDGE-LIT RUNNING MAN (PICTOGRAM) LED EXIT LIGHT C/W FACES AND DIRECTIONAL ARROW AS SHOWN. BELUCE (BEGHELLI) BRUNO RM CAT.# BRU-RM-L-U-OLR-M. CEILING MOUNTED FIRE ALARM EVAC SPEAKER. CEILING MOUNTED OCCUPANCY SENSOR TO MATCH EXISTING. WALL MOUNTED TOGGLE LIGHT SWITCH. (VOLTAGE AS REQUIRED). WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH. WALL MOUNTED DIMMER. SIZE TO SUIT LOAD TYPE AND VOLTAGE AS REQUIRED. WALL MOUNTED FAN SWITCH AND/OR THERMOSTAT SUPPLIED BY DIVISION 25, INSTALLED AND WIRED BY THIS CONTRACTOR. $\Rightarrow$ WALL MOUNTED DUPLEX RECEPTACLE. WALL MOUNTED QUAD RECEPTACLE. WALL MOUNTED DUPLEX RECEPTACLE ON A SEPARATE CIRCUIT. WALL MOUNTED CSA#15/20RA T-SLOT DUPLEX RECEPTACLE. WALL MOUNTED 15A, 120V RECEPTACLE C/W TWO USB TYPE C/C FAST CHARGING PORTS. LEGRAND CAT. #TR15USBCC6W WALL MOUNTED CSA# 15/20RA T-SLOT DUPLEX RECEPTACLE C/W GROUND FAULT INTERRUPTER RECEPTACLE. DENOTES: OUTLET TO BE MOUNTED AT A SPECIFIC HEIGHT. REFER TO INTERIOR DESIGNER DRAWINGS FOR MOUNTING HEIGHT. WALL FEED POWER/COMMUNICATION-IN CONNECTION TO ELECTRIFIED SYSTEMS FURNITURE. CONFIRM EXACT CIRCUIT WIRING WITH MANUFACTURE PRIOR TO ROUGH-IN. WIREMOLD FEED POWER/COMMUNICATION-IN CONNECTION TO ELECTRIFIED SYSTEM FURNITURE IN WIREMOLD C/W 2 CELL AND DIVIDER FOR POWER AND COMMUNICATIONS C/W ALL MOUNTING HARDWARE AND ACCESSORIES. LEGRAND G3000 SERIES. CONFIRM EXACT CIRCUIT WIRING WITH MANUFACTURE PRIOR TO ROUGH-IN. UNDERCARPET CONNECTRAC SYSTEM FLOOR BOX C/W RECEPTACLES AND COMMUNICATION OUTLETS AS SHOWN. PROVIDE \_\_\_ ALL NECESSARY HARDWARE AND ACCESSORIES AS REQUIRED. MANUFACTURER: LEGRAND FLOOR MOUNTED WIREMOLD C/W ALL MOUNTING HARDWARE AND ACCESSORIES. LEGRAND G3000 SERIES. SURFACE MOUNTED LOW PROFILE FLOOR MONUMENT C/W DUPLEX RECEPTACLE AND DATA OUTLET AS SHOWN. COORDINATE EXACT LOCATION WITH INTERIOR DESIGNER PRIOR TO ROUGH-IN. EXISTING SURFACE MOUNTED FURNITURE SYSTEMS FLOOR MONUMENT TO BE REMOVED. MOTOR CONNECTION TO EQUIPMENT AS SHOWN. UNFUSED DISCONNECT SWITCH. DIRECT CONNECTION TO EQUIPMENT AS SHOWN. WALL MOUNTED COMBINED TELEPHONE/DATA OUTLET. WALL MOUNTED DATA OUTLET. CR SECURITY SYSTEM CARD READER. SECURITY SYSTEM ELECTRIC STRIKE. DC SECURITY SYSTEM DOOR ALARM CONTACT. SECURITY SYSTEM REQUEST TO EXIT MOTION SENSOR. WS WALL MOUNTED WAVE SENSOR DOOR OPENER. DENOTES: EXISTING TO REMAIN UNLESS OTHERWISE NOTED. DENOTES: EXISTING EQUIPMENT IN RELOCATED POSITION.

DENOTES: REFER TO DRAWING NOTE No. 1.

### ELECTRICAL SPECIFICATION

### 1: GENERAL REQUIREMENTS

- 1. CONTRACTOR SHALL EXAMINE THE SITE CONDITIONS OF THE PROPOSED WORK, TOGETHER WITH THE WORK OF ALL OTHER TRADES, AND INCLUDE IN THE TENDER PRICE ALL COST FOR WORK, SUCH AS CUTTING AND PATCHING, REROUTING AND REPOSITIONING OF ELECTRICAL EQUIPMENT AND WIRING, ETC., NECESSARY TO ACCOMMODATE OTHER TRADES. THERE WILL BE NO CONSIDERATION FOR EXTRAS FOR FAILURE TO COMPLY WITH THIS ITEM.
- 2. PROVIDE ALL EQUIPMENT AND LABOUR REQUIRED TO COMPLETE THE WORK AS SHOWN ON THE DRAWINGS.
- 3. CARRY OUT ALL WORK IN ACCORDANCE WITH THE LATEST APPLICABLE BUILDING CODE AND CSA STANDARD C22-1 AS AMENDED PROVINCIALLY, AND LOCAL INSTPECTOR'S ADDITIONAL REQUIREMENTS AND INSTRUCTIONS. DO NOT REDUCE THE STANDARD SET BY THESE DRAWINGS BY APPLYING
- 4. OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS PRIOR TO COMMENCING THE WORK.
- 5. WORK SHALL BE IN ACCORDANCE WITH BASE BUILDING STANDARDS.
- 6. CO-ORDINATE ALL WORK WITH OTHER TRADES.
- 7. DAMAGE TO ANY SYSTEM OCCURRING DURING EXECUTION OF THE WORK SHALL BE REPAIRED AT NO COST TO OWNER.
- 8. DO NOTE SCALE ELECTRICAL DRAWINGS FOR MEASUREMENT. REFER TO SITE AND ARCHITECTURAL DRAWINGS.
- 9. BID PRICE SHALL INCLUDE FOR ALL MODIFICATIONS TO EXISTING BUILDING SYSTEMS AND ANY EXISTING EQUIPMENT AFFECTED BY THE NEW WORK. PROVIDE ALL REQUIRED NEW PRODUCTS TO MATCH EXISTING. MODIFICATIONS TO EXISTING BUILDING SYSTEM BY LANDLORD'S APPROVED CONTRACTOR.
- 10. INCLUDE IN THE BID PRICE FOR PREMIUM TIME REQUIRED ON WORK WHICH AFFECTS THE NORMAL OPERATION OF THE BUILDING.
- 11. ALL FIRE ALARM WORK TO BE PERFORMED BY THE LANDLORD'S DESIGNATED FIRE ALARM CONTRACTOR. PRIOR TO BID SUBMISSION THE CONTRACTOR SHALL CONTACT THE THIRD PARTY AND CARRY HIS COSTS WITHIN THE TENDER (IF APPLICABLE).
- 12. UPON COMPLETION OF ALL FIRE ALARM WORK AND PRIOR TO OCCUPANCY, THE FIRE ALARM DEVICES SHALL BE VERIFIED BY LANDLORD'S THIRD PARTY CONTRACTOR (IF APPLICABLE).
- 13. ALL CUTTING AND PATCHING REQUIRED SHALL BE PROVIDED BY THIS CONTRACTOR. OBTAIN APPROVAL FROM THE BASE BUILDING OWNER'S REPRESENTATIVE.
- 14. INTERRUPTION OF EXISTING SERVICES SHALL OCCUR AT TIMES SUITABLE TO THE BUILDING OWNER.
- 15. INCLUDE FOR CONNECTIONS TO ALL OWNERS EQUIPMENT. COORDINATE PRIOR
- 16. IDENTIFY ALL EQUIPMENT WITH LAMACOID PLATES, BLACK BACKGROUND WITH WHITE LETTERING. SUBMIT WORDING FOR LAMACOID PLATES TO THE CONSULTANT FOR REVIEW PRIOR.
- 17. SUBMIT FULLY ITEMIZED BREAKDOWN OF MATERIAL, EQUIPMENT AND LABOUR FOR CHANGES TO THE CONTRACT. CONTRACTOR SHALL USE DISCOUNTED TRADER PRICES AND NECA 1 LABOUR RATES FOR ALL CHANGES.
- 18. BECOME FULLY FAMILIAR WITH THE EXISTING BUILDING AND EQUIPMENT OPERATIONS, PROVIDE ALL REQUIRED PRODUCTS TO MAKE THE NEW WORK FULLY OPERATIONAL AND MEET THE DESIGN INTENT.
- 19. HAVE ALL FLOOR PENETRATIONS FOR POKE-THROUGH SERVICES APPROVED ON SITE BY THE ARCHITECT, BUILDING OWNER AND STRUCTURAL ENGINEER.
- 20. PROVIDE COPIES OF SHOP DRAWINGS FOR ALL MAJOR EQUIPMENT AND LIGHT FIXTURES. SHOP DRAWING SHALL BE REVIEWED AND STAMPED BY THE CONTRACTOR PRIOR TO SUBMISSION TO THE CONSULTANT.
- 21. CONTRACTOR TO REFER TO BASE BUILDING CONSTRUCTION MANUAL FOR AFTER HOURS WORK, WORK TO BE DONE BY BASE BUILDING CONTRACTORS, RULES AND REGULATIONS ETC.
- 22. REFER TO ARCHITECT DRAWINGS FOR SHOP DRAWING SUBMISSION REQUIREMENTS.
- 23. CONTRACTOR TO SCAN/XRAY FLOOR FOR EXISTING SERVICES PRIOR TO CUTTING OR TRENCHING THE FLOOR. ALL CUTTING AND TRENCHING SHALL BE COORDINATED AND APPROVED BY THE LANDLORD. ALL ASSOCIATED COSTS SHALL BE CARRIED IN THIS TENDER PRICE. CUTTING AND TRENCHING OF FLOOR SLAB OF ANY PART OF THE BUILDING STRUCTURE TO BE PERFORMED BY LANDLORD'S APPROVED CONTRACTOR.
- 24. CONTRACTOR TO REFER MEDALLION CORPORATION AND DEMOLITION WASTE MANAGEMENT GUIDELINE FOR ALL GARBAGE AND WASTE MATERIAL.

### 2: <u>DEMOLITION</u>

- 1. DRAWING IS DIAGRAMMATIC, CONTRACTOR SHALL REVIEW DOCUMENTS OF ALL DISCIPLINES AND VISIT THE SITE TO ASCERTAIN COMPLETE EXTENT OF REMOVAL OF EXISTING EQUIPMENT AND WIRING.
- 2. THIS CONTRACTOR IS RESPONSIBLE FOR REMOVING AND MAKING SAFE ALL CONDUIT. WIRING AND EQUIPMENT RENDERED REDUNDANT BY THIS
- 3. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE'S WITH THE PROJECT SCHEDULE AND PHASING.
- 4. TURN OVER TO THE LANDLORD ANY EQUIPMENT WHICH THEY WISH TO RETAIN. REMOVE FROM SITE ALL OTHER MATERIAL UNLESS OTHERWISE NOTED. ALL EQUIPMENT TO BE RE-USED SHALL BE CAREFULLY REMOVED AND STORED FOR RE-INSTALLATION.
- 5. DISCONNECT AND REMOVE POWER WIRING TO EQUIPMENT OF OTHER DISCIPLINES WHERE SUCH EQUIPMENT IS BEING REMOVED. SEE MECHANICAL.
- 6. ADVISE LANDLORD'S TELEPHONE CONTRACTOR OF ANY EXISTING TELEPHONE CABLING WHICH IS DISTURBED BY CONSTRUCTION OR MUST BE REMOVED OR RE-ROUTED. THIS CONTRACTOR SHALL INCLUDE FOR LANDLORD'S CONTRACTOR COSTS TO REMOVE OR RELOCATE EXISTING CABLING AS DIRECTED BY LANDLORD.
- 7. ADVISE LANDLORD'S COMMUNICATIONS CONTRACTOR OF ANY EXISTING DATA CABLING WHICH IS DISTURBED BY CONSTRUCTION OR MUST BE REMOVED OR RE-ROUTED. THIS CONTRACTOR SHALL INCLUDE FOR LANDLORD'S CONTRACTOR COSTS TO REMOVE OR RELOCATE EXISTING CABLING AS DIRECTED BY LANDLORD.
- 8. THIS CONTRACTOR SHALL DISCONNECT POWER TO MECHANICAL DIVISION EQUIPMENT BEING REMOVED (REFER TO MECHANICAL DRAWINGS FOR LOCATION). CUTBACK CONDUIT AND WIRING BACK TO SOURCE AND MAKE
- 9. INFORMATION SHOWN ON DRAWINGS IS PROVIDED TO ASSIST THE CONTRACTOR WITH THE DEMOLITION SCOPE. DRAWINGS DO NOT NECESSARILY REFLECT AS BUILT CONDITION NOR EXACT QUANTITIES OF DEVICES.
- 10. CONTRACTOR SHALL REMOVE ALL ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE PRIOR TO NEW CONSTRUCTION.
- 11. ALL LUMINAIRES AND CEILING DEVICES TO BE REMOVED.

### 2: DEMOLITION CON'T

- 12. CONTRACTOR TO CONFIRM WITH LANDLORD PRIOR TO DISCONNECTING BREAKERS THAT LOADS FOR THIS RENOVATION DO NOT AFFECT OPERATION IN ANY WAY UNRENOVATED AREAS.
- 13. RELOCATE EXISTING CEILING JUNCTION BOXES TO SUIT NEW DRYWALL CEILING CONSTRUCTION. EXTEND AND/OR CUTBACK CONDUIT & WIRING AS REQUIRED. REFER TO ARCHITECTURAL DOCUMENTS.
- 14. CONTRACTOR SHALL CARRY IN HIS BID PROVISIONS FOR TEMPORARY POWER TO SUIT THE RELOCATION OF THE SUITE'S EQUIPMENT. COORDINATE THIS POWER WITH GENERAL CONTRACTOR AND LANDLORD.
- 15. LIFE SAFETY SYSTEM SHALL BE PROTECTED AND OPERATIONAL DURING DEMOLITION PPHASE UNTIL FINAL WORK CAN BE COMPLETED. COORDINATE PHASING WITH GENERAL CONTRACTOR.
- 16. CONTRACTOR SHALL ADHERE TO ALL LANDLORD BASE BUILDING DOCUMENTS REGARDING DEMOTION, REMOVAL OF EQUIPMENT ETC.
- 17. ALL EXISTING ELECTRICAL DEVICES INCLUDING LUMINAIRES TO BE DEMOLISHED AND RETURNED BACK TO LANDLORD.

### 3: <u>EQUIPMENT</u>

- 1. WHERE MANUFACTURER IS NOT SPECIFIED, PRODUCTS SHALL BE OF HIGHEST COMMERCIAL QUALITY. ALL PRODUCTS SHALL BE NEW CSA AND CONSULTANT APPROVED.
- 2. PROVIDE EMT CONDUIT WITH STEEL SET SCREW CONNECTORS AND COUPLINGS FOR ALL EXPOSED WIRING UNLESS OTHERWISE NOTED. RUN CONDUIT AND EXPOSED CABLE NEATLY, PARALLEL AND PERPENDICULAR TO EXISTING BUILDING SURFACES SO AS TO CREATE MINIMUM
- 3. ARMOURED CABLE (BX) MAY BE USED FOR OUTLET DROPS IN PARTITION WALLS OR FOR FINAL CONNECTIONS TO LIGHT FIXTURES. MAXIMUM LENGTH OF BX CABLE IN THE CEILING SPACE IS 2m.
- 4. ALL WIRING AND EQUIPMENT SHALL BE COPPER, MINIMUM #12 AWG R90.
- 5. WIRING DEVICES SHALL BE SPECIFICATION GRADE.
- 6. NEW TENANT PANEL DESIGNATION IS DIAGRAMMATIC TO ILLUSTRATE DESIGN INTENT. CONTRACTOR SHALL COORDINATE EXACT LABEL WITH LANDLORD AND PROVIDE A NEW LAMACOID NAMEPLATE c/w TYPED PANEL DIRECTORY.

### 4: INSTALLATION

- 1. PROVIDE COPPER GROUND WIRE IN ALL CONDUITS.
- 2. OBTAIN OWNERS LIST OF EQUIPMENT TO ENSURE RECEPTACLES ARE INSTALLED TO MATCH THE EQUIPMENT. MAKE CHANGES TO SUITE AT NO ADDITIONAL COST.
- 3. PROVIDE TYPE WRITTEN PANEL SCHEDULES REFLECTING ALL CHANGES MADE TO THE CIRCUITS BEFORE FINAL ACCEPTANCE OF WORK.
- 4. CIRCUIT NUMBERS INDICATED ARE DIAGRAMMATIC. BALANCE LOADS TO WITHIN 10% ACROSS PHASES.
- 5. PACK AND SEAL PENETRATIONS THROUGH FLOORS AND FIRE RATED WALLS WITH MATERIAL AND MAINTAIN EXISTING FIRE RATING.
- 6. MOUNTING HEIGHTS AND EXACT LOCATION OF ALL DEVICES ARE AS
- NOTED ON ARCHITECTS DRAWINGS.
- 7. CONFIRM EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL PRIOR TO ROUGH-IN FOR ALL MECHANICAL EQUIPMENT.
- 8. REFER TO MECHANICAL DOCUMENTS PRIOR TO TENDER CLOSING AND PROVIDE ALL POWER WIRING AND DISCONNECT SWITCHES REQUIRED.
- 9. VERIFY ALL ELECTRICAL EQUIPMENT SUPPLIED BY OTHER TRADES IS SUITABLE FOR THE VOLTAGE AVAILABLE PRIOR TO IT'S RELEASE.

SEISMIC RESTRAINT CODES WHERE APPLICABLE.

- 10. PROVIDE ONE SIZE LARGER NEUTRAL CONDUCTOR FOR THREE OR FOUR WIRE BRANCH CIRCUITS FEEDING COMPUTERS AND ELECTRONIC BALLASTS.
- 11. CONDUIT AND ARMOURED CABLE SHALL NOT BE SUSPENDED FROM CEILING SUSPENSION SYSTEM. PROVIDE INDEPENDENT SUSPENSION FROM BUILDING STRUCTURE
- 12. ALL OUTLETS MOUNTED ABOVE MILLWORK ARE TO BE INSTALLED HORIZONTALLY. CONTRACTOR TO COORDINATE LOCATION OF OUTLETS WITH MILL WORK DRAWING
- 13. PROVIDE SUPPORT FOR ALL ELECTRICAL COMPONENTS TO MEET CURRENT
- 14. ALL FIRE ALARM WIRING, TESTING AND VERIFICATION SHALL BE PROVIDED BY LANDLORDS CONTRACTOR. THIS ELECTRICAL CONTRACTOR SHALL INCLUDE AND CARRY IN HIS COST. SUBMIT ALL REPORTS TO CONSULTANTS.
- 15. PROVIDE INDEPENDENT SUPPORT FOR ALL LUMINAIRES. CEILING SUSPENSION AND CEILINGS ARE NOT TO BE USED FOR LUMINAIRE SUPPORT TO MEET SAFETY AUTHORITY CODE. PARASISMIC REPORT/CERTIFCATE MUST BE RECEIVED AT THE END OF THE PROJECT (WHERE APPLICABLE).
- 16. WHERE TENANT SPACE IS LOCATED ABOVE AN UNDERGROUND PARKING LOT THE CONTRACTOR SHALL REVIEW THE SITE PRIOR TO BID SUBMISSION AND REVIEW PARKING STRUCTURE DESIGN FOR ANY CORING LOCATIONS AND CARRY ASSOCIATED COSTS.

### 5: PROJECT COMPLETION

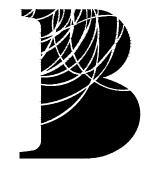
1. UPON COMPLETION OF WORK, PROVIDE A WRITTEN ONE YEAR WARRANTY COVERING THE COMPLETE WORK. RECTIFY ANY DEFECTS ARISING DURING THIS PERIOD AT NO EXTRA COST TO THE OWNER.

FOR THE ISSUANCE OF THE ELECTRICAL LETTER OF COMPLIANCE. ONE WEEK PRIOR TO OCCUPANCY, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:

- FIRE ALARM VERIFICATION REPORT ELECTRICAL SAFETY INSPECTION REPORTS
- BATTERY UNIT TEST REPORT EMERGENCY LIGHTING VERIFICATION REPORT
- MUSIC/SOUND EQUIPMENT INTERFACED WITH THE FIRE ALARM AND SHALL BE TESTED AND VERIFIED AS A COMPLETE SYSTEM

CONTRACTOR SHALL NOTIFY THE CONSULTANT THREE DAYS PRIOR TO CITY INSPECTOR VISIT.

SUBMIT A LEGIBLE SET OF AS-BUILT DRAWINGS ON WHITE PRINTS TO THE CONSULTANT FOR TRANSFER TO CADD FILES. INCLUDE FOR CONSULTANTS COST TO UPDATE DRAWINGS TO AS-BUILT & PLOT. CONTRACTOR TO CARRY \$1000.00 FOR CONSULTANT COSTS. WHITE PRINTS SHALL INCORPORATE ALL CHANGES AND DEVIATIONS FROM THE ORIGINAL TENDER DRAWINGS, SHOW ALL MAIN AND BRANCH CONDUIT RUNS (COMPLETE WITH CONDUIT SIZE, WIRE SIZE, AND QUANTITY) AND JUNCTION BOX LOCATIONS AND SIZES.

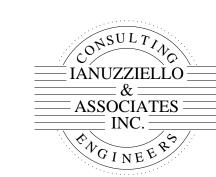


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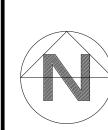
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ISSUED

MPAC

6925 CENTURY AVENUE MISSISSAUGA, ONTARIO

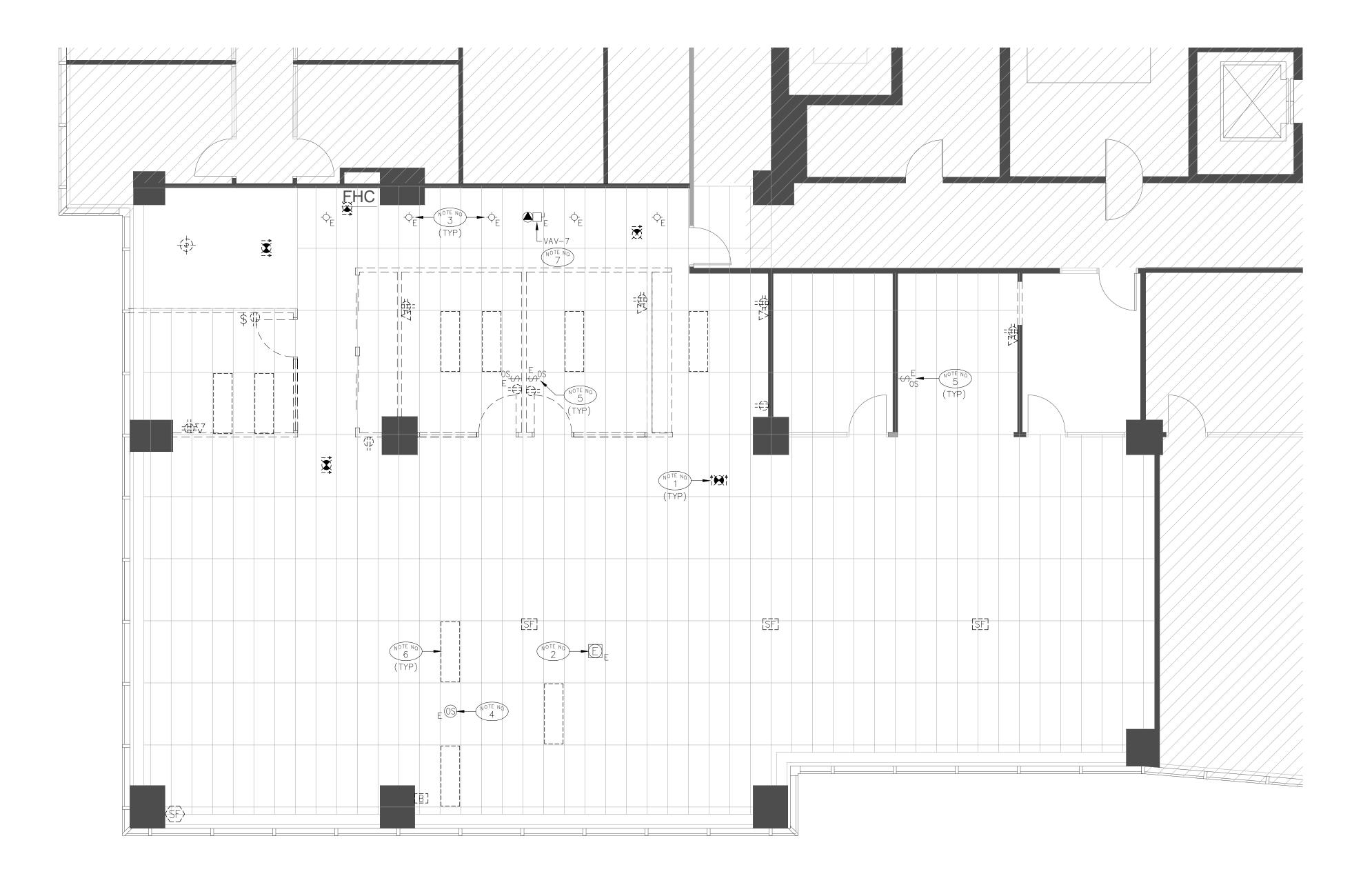
SPECIFICATION, LEGEND AND DETAIL



FEBRUARY 2024 24112 T.C.

PROJECT NORTH

Q.H. N.T.S.



### NOTES:

- (NOTE NO) EXISTING WALL MOUNTED EXIT LIGHT C/W FACES AND DIRECTIONAL ARROWS 1 ) TO BE REMOVED. EXISTING CONDUIT AND WIRING TO REMAIN FOR NEW INSTALLATION. (REFER TO LIGHTING PLAN ON DRAWING No. E-4 FOR EXIT LIGHT LAYOUT).
- NOTE NO EXISTING CEILING MOUNTED FIRE ALARM SPEAKER TO BE RELOCATED. (REFER 2 TO LIGHTING PLAN ON DRAWING No. E-4 FOR LOCATION).
- NOTE NO. EXISTING CEILING MOUNTED RECESSED DOWNLIGHT TO BE RELOCATED. (REFER TO LIGHTING DRAWING ON DRAWING No. E-4 FOR LOCATION).
- NOTE NO EXISTING CEILING MOUNTED OCCUPANCY SENSOR TO BE RELOCATED. (REFER  $\stackrel{(}{\smile}4$  TO LIGHTING DRAWING ON DRAWING No. E-4 FOR LOCATION).
- EXISTING WALL MOUNTED OCCUPANCY SENSOR SWITCH TO BE RELOCATED. (REFER TO LIGHTING DRAWING ON DRAWING No. E-4 FOR LOCATION).
- NOTE NO EXISTING RECESSED 2'x4' LUMINAIRE TO BE RELOCATED. (REFER TO LIGHTING 6 DRAWING ON DRAWING No. E-4 FOR LOCATION).
- (REFER TO POWER AND SYSTEMS PLAN ON DRAWING No. E-5 FOR LOCATION).

### GENERAL DEMOLITION NOTES:

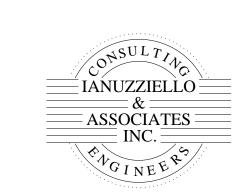
- 1. CONTRACTOR TO REVIEW DOCUMENTS OF ALL DISCIPLINES AND SITE TO ASCERTAIN COMPLETE EXTENT OF REMOVAL OF EXISTING ELECTRICAL EQUIPMENT AND WIRING REQUIRED. THIS CONTRACTOR IS RESPONSIBLE FOR REMOVING AND MAKING SAFE ALL CONDUIT. WIRING AND EQUIPMENT RENDERED REDUNDANT BY THIS RENOVATION. THIS CONTRACTOR IS ALSO RESPONSIBLE FOR RELOCATING OR RE—ROUTING EXISTING SERVICES AND EQUIPMENT AS REQUIRED TO SUIT RENOVATION.
- 2. ALL WORK TO BE CARRIED OUT IN ACCORDANCE'S WITH THE PROJECT SCHEDULE
- 3. TURN OVER TO THE OWNER ANY EQUIPMENT WHICH THEY WISH TO RETAIN. REMOVE FROM SITE ALL OTHER MATERIAL UNLESS OTHERWISE NOTED. ALL EQUIPMENT TO BE RE-USED SHALL BE CAREFULLY REMOVED AND STORED FOR RE-INSTALLATION AS NOTED ELSEWHERE IN THESE DRAWINGS.
- 4. ELECTRICAL CONTRACTOR IS TO ENSURE SERVICES TO AREAS NOT UNDERGOING DEMOLITION ARE NOT DISCONNECTED. PROVIDE TEMPORARY SERVICES AND FEEDS TO MAINTAIN UN-RENOVATED AREAS IN SERVICE AT ALL TIMES.
- 5. DISCONNECT AND REMOVE POWER WIRING TO EQUIPMENT OF OTHER DIVISIONS WHERE SUCH EQUIPMENT IS BEING REMOVED.
- 6. ADVISE OWNER'S TELEPHONE CONTRACTOR OF ANY EXISTING TELEPHONE CABLING WHICH IS DISTURBED BY CONSTRUCTION OR MUST BE REMOVED OR RE-ROUTED. THIS CONTRACTOR SHALL INCLUDE FOR ALL COSTS TO REMOVE OR RELOCATE EXISTING CABLING AS DIRECTED BY OWNER.
- 7. ADVISE OWNER'S COMMUNICATIONS CONTRACTOR OF ANY EXISTING DATA CABLING WHICH IS DISTURBED BY CONSTRUCTION OR MUST BE REMOVED OR RE-ROUTED. THIS CONTRACTOR SHALL INCLUDE FOR ALL COSTS TO REMOVE OR RELOCATE EXISTING CABLING AS DIRECTED BY OWNER.
- 8. THIS CONTRACTOR SHALL DISCONNECT POWER TO MECHANICAL DIVISION EQUIPMENT BEING REMOVED (REFER TO MECHANICAL DRAWINGS FOR LOCATION). CUTBACK CONDUIT AND WIRING BACK TO SOURCE AND MAKE SAFE.
- 9. ALL EXISTING ELECTRICAL EQUIPMENT SHOWN IS TO BE REMOVED UNLESS OTHERWISE
- 10. INFORMATION SHOWN ON DRAWINGS IS PROVIDED TO ASSIST CONTRACTOR WITH THE TENDERING AND DOES NOT NECESSARILY REFLECT AS BUILT CONDITIONS.
- 11. CONTRACTOR TO REMOVE ALL ASSOCIATED CONDUIT AND WIRING FOR DEMOLITION BACK TO SOURCE AS PER BASE BUILDING STANDARDS.



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no.	date	by	description
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4 | 17.JUN.2024 | QH | ISSUED FOR TENDER 11.JUN.2024 QH ISSUED FOR PERMIT/TENDER 23.MAY.2024 QH ISSUED FOR 90% REVIEW 10.APR.2024 QH ISSUED FOR 50% REVIEW no. date by description ISSUED

MPAC 6925 CENTURY AVENUE UNIT 502 MISSISSAUGA, ONTARIO

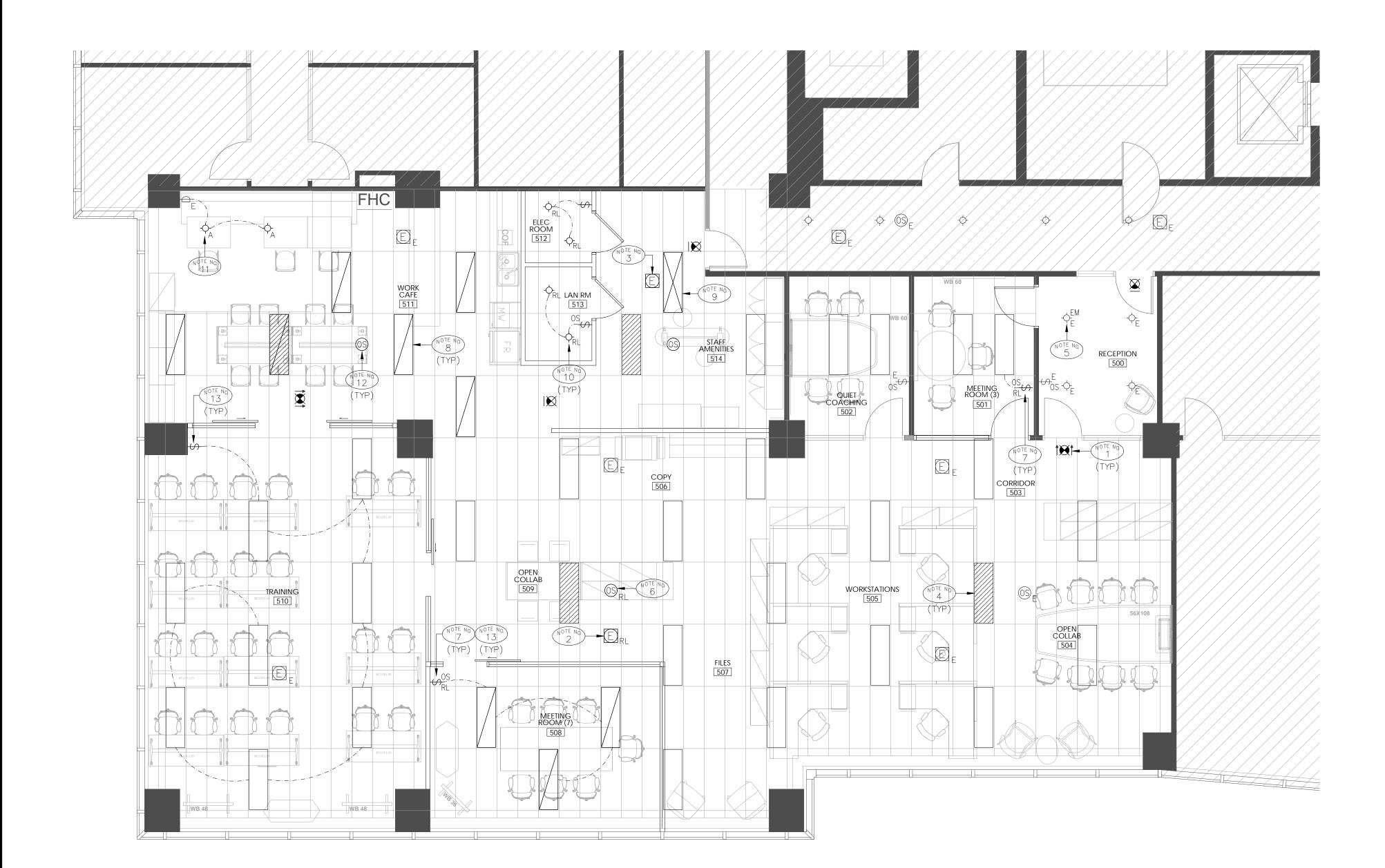
PART FIFTH FLOOR DEMOLITION PLAN



FEBRUARY 2024 24112

E-3

PROJECT NORTH 3/16"=1'-0"



### NOTES:

- CEILING MOUNTED EDGE LIT RUNNING MAN (PICTOGRAM) BRUNO RM SERIES LED EXIT LIGHT C/W FACES AND DIRECTIONAL ARROW AS SHOWN. CONNECT TO WALL MOUNTED EMERGENCY BATTERY UNIT 'BU1' AND EXIT LIGHTING CIRCUIT AS SHOWN.
- (NOTE NO) EXISTING CEILING MOUNTED FIRE ALARM SPEAKER IN RELOCATED POSITION. CUTBACK AND/OR EXTEND CONDUIT AND WIRING AS REQUIRED PER BASE BUILDING STANDARD. (REFER TO DEMOLITION PLAN ON DRAWING No. E-3 FOR LOCATION).
- CEILING MOUNTED FIRE ALARM SPEAKER TO MATCH EXISTING BASE BUILDING STANDARD FIRE ALARM SYSTEMS.
- BASE BUILDING RECESSED 20"X60" LUMINAIRE TO BE CONNECTED TO EMERGENCY LIGHTING CIRCUIT AS REQUIRED PER BASE BUILDING STANDARD.
- EXISTING RECESSED POT LIGHT LUMINAIRE TO BE CONNECTED TO EMERGENCY LIGHTING CIRCUIT AS REQUIRED PER BASE BUILDING STANDARD.
- EXISTING CEILING MOUNTED OCCUPANCY SENSOR IN RELOCATED POSITION.

  CUTBACK AND/OR EXTEND CONDUIT AND WIRING AS REQUIRED PER BASE BUILDING STANDARD. (REFER TO DEMOLITION PLAN ON DRAWING No. E-3 FOR LOCATION).
- (NOTE NO) EXISTING WALL MOUNTED OCCUPANCY SENSOR SWITCH IN RELOCATED POSITION. CUTBACK AND/OR EXTEND CONDUIT AND WIRING AS REQUIRED PER BASE BUILDING STANDARD. (REFER TO DEMOLITION PLAN ON DRAWING No. E-3 FOR LOCATION).
- EXISTING RECESSED 20"X60" LUMINAIRE IN RELOCATED POSITION. CUTBACK AND/OR EXTEND CONDUIT AND WIRING AS REQUIRED PER BASE BUILDING STANDARD. (REFER TO DEMOLITION PLAN ON DRAWING No. E-3FOR LOCATION).
- NOTE NO RECESSED 20"x60" LUMINAIRE TO MATCH EXISTING BASE BUILDING STANDARD. 9 CONNECT TO NEAREST EXISTING LIGHTING CIRCUIT AS REQUIRED PER BASE BUILDING STANDARD.
- EXISTING RECESSED DOWNLIGHT IN RELOCATED POSITION. CUTBACK AND/OR EXTEND CONDUIT AND WIRING AS REQUIRED PER BASE BUILDING STANDARD. (REFER TO DEMOLITION PLAN ON DRAWING No. E-3FOR LOCATION).
- NOTE NO 11 NEW 4" RECESSED LED POT LIGHT AND CONNECT TO EXISTING DIMMER.
- CEILING MOUNTED OCCUPANCY SENSOR TO MATCH EXISTING.
- BASE BUILDING RECESSED 20"X60" LUMINAIRE TO BE CONNECTED TO EMERGENCY LIGHTING CIRCUIT AS REQUIRED PER BASE BUILDING STANDARD.

### GENERAL NOTES:

- 1. REFER TO INTERIOR DESIGNER'S DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF DEVICES.
- 2. CONFIRM EXACT ROUTING AND DISTANCE ON SITE PRIOR TO ROUGH-IN AND INSTALLATION.
- 3. CONTRACTOR TO CONFIRM WITH OWNER PRIOR TO DISCONNECTING BREAKERS THAT LOADS FOR THIS RENOVATION DO NOT AFFECT OPERATION IN ANY WAY UNRENOVATED AREAS.
- 4. SHUTDOWN OF ANY ELECTRICAL SYSTEM TO BE CO-ORDINATED WITH BASE BUILDING. NO WORK IS TO BE PERFORMED UNLESS CONFIRMED IN WRITING BY BASE BUILDING.
- 5. CONTRACTOR TO CONFIRM EXACT LIGHTING CONTROL REQUIREMENTS WITH LIGHTING REPRESENTATIVE PRIOR TO ROUGH—IN AND INSTALLATION.

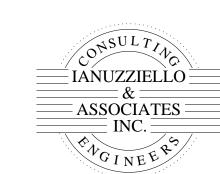
PANEL DESIGNATION: 'RP-	-T'					NEW 🌌	EXISTING
VOLTAGE: 120/2	208V 🌌	3	47/60	0V [		1ø, 3W 🗌	3ø, 4₩ 🎆
TYPE: SQUARE 'D' NQ	SERIES		MAIN:	S:		100A 🗌	225A 🌌
LOCATION: ELECTRICAL ROO	M 512		иоом	ITING:		FLUSH	SURFACE 🌌
LOAD DESCRIPTION	BREAKER	CIRC	PHASE	CIRC	BREAKER	LOAD	DESCRIPTION
SPACE FOR EXISTING EQUPMENT	15A	1	А	2	15A	SPACE FOR	EXISTING EQUPME
SPACE FOR EXISTING EQUPMENT	15A	3	В	4	15A	SPACE FOR	EXISTING EQUPME
RECEPTACLES	15A	5	С	6	15A	USB RECEP	TACLES
USB RECEPTACLES	15A	7	А	8	15A	WIREMOLD 1	RECEPTACLES
WIREMOLD RECEPTACLES	15A	9	В	10	15A	FLAT & MC	BILE TV RECEPT
WIREMOLD RECEPTACLES	15A	11	С	12	15A	TV, CONNEC	CTRAC, RECEPT
SYSTEM FURNITURE #(1)	15A	13	Α	14	15A	SYSTEM FU	RNITURE #\(\frac{2}{2}\)
FLAT TV/RECEPTACLES	15A	15	В	16	15A	RECEPTACL	ES
RECEPTACLES	15A	17	С	18	15A	FLAT TV RE	ECEPTACLES
DOOR OPERATORS	15A	19	А	20	20A	COPIER REC	CEPTACLE
TRAP SEAL PRIMER/RECEPTACLE	15A	21	В	22	15A	COUNTER R	ECEPTACLES
COUNTER GFI RECEPTACLE	20A	23	С	24	20A	COFFEE MA	KER RECEPTACLE
MIRCROWAVE RECEPTACLE	20A	25	А	26	20A	MICROWAVE	RECEPTACLE
FRIDGE RECEPTACLE	15A	27	В	28	20A	UPS SERVE	R RECEPTACLE
UPS SERVER RECEPTACLE	20A	29	С	30	20A	SECURITY F	RECEPTACLE
SOUND MASKING RECEPTACLE	15A	31	А	32	20A	HOT WATER	TANK 'HWT-1'
TRANSFER FANS TF-1, TF-2 AND TF-3	15A	33	В	34	15A	VAV-1, VAV VAV-5, VAV	-2, VAV-3, VAV-
SPARE	15A	35	С	36	15A	SPARE	
SPARE	15A	37	А	38	15A	SPARE	
SPACE		39	В	40		SPACE	
SPACE		41	С	42		SPACE	



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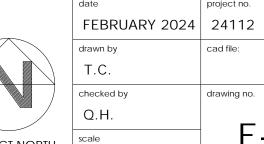
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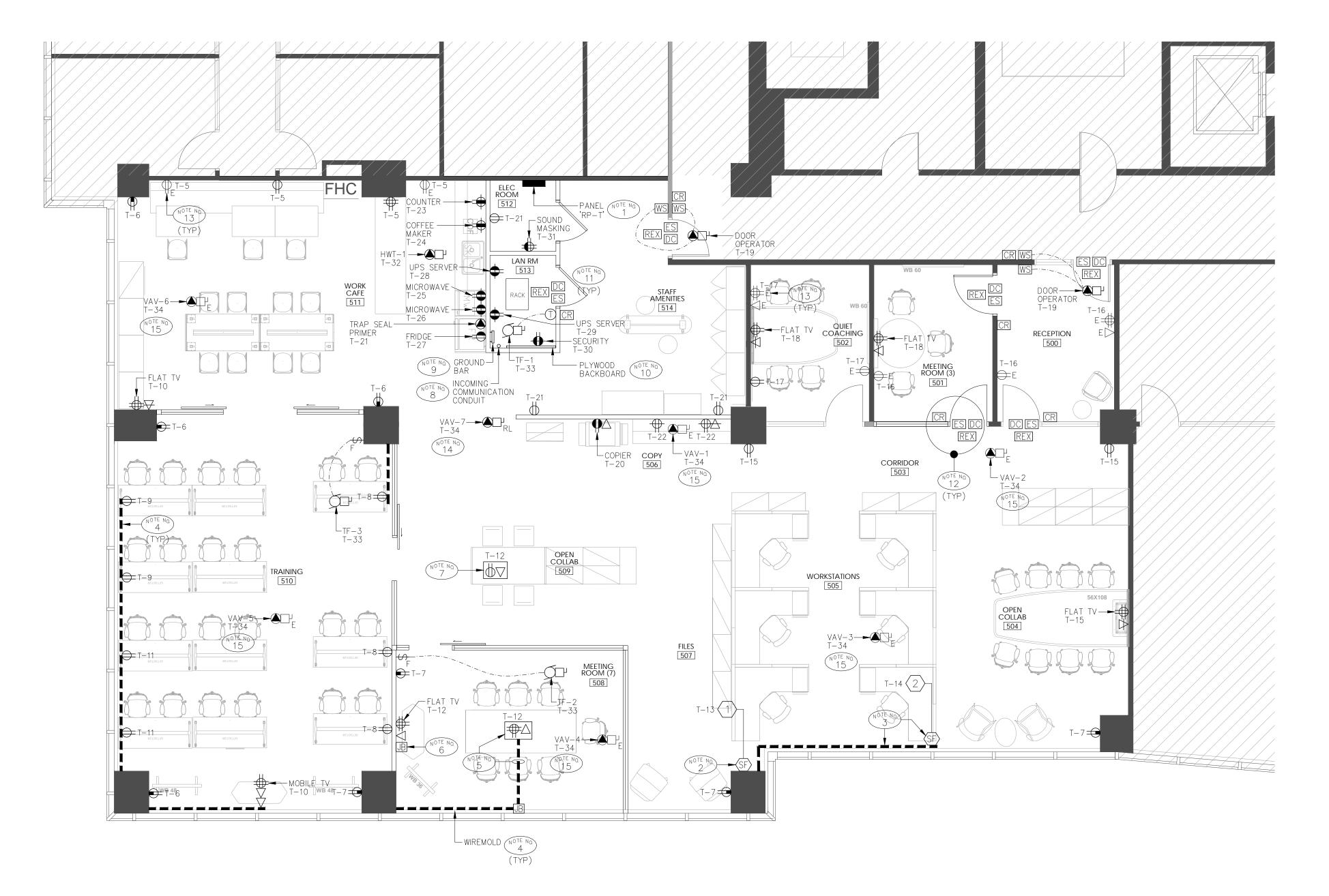
**MPAC** 6925 CENTURY AVENUE **UNIT 502** MISSISSAUGA, ONTARIO

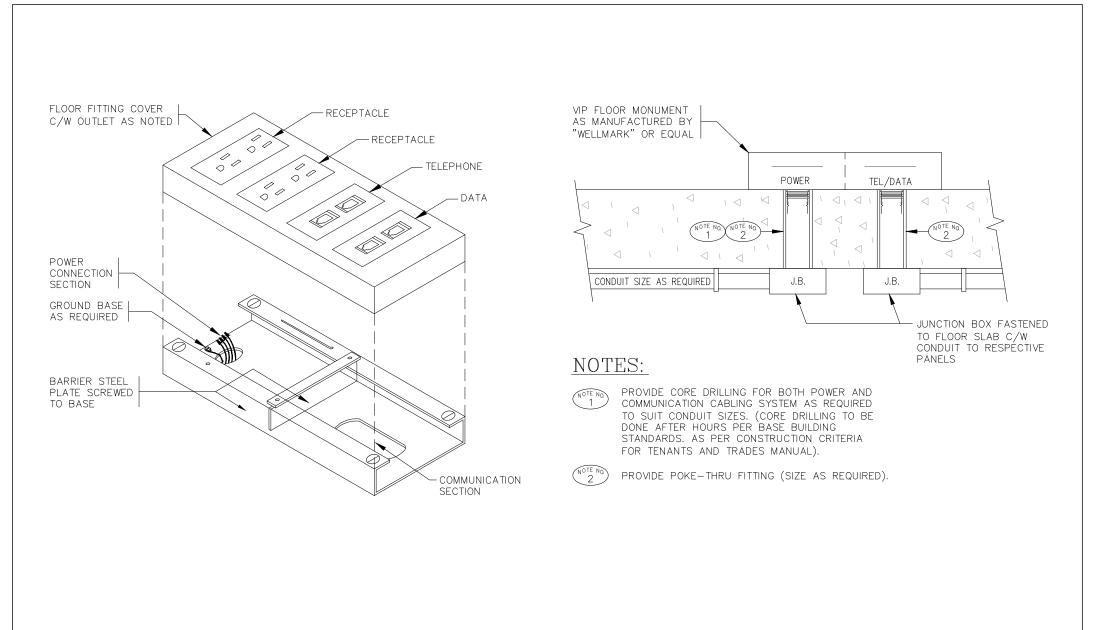
PART FIFTH FLOOR LIGHTING PLAN



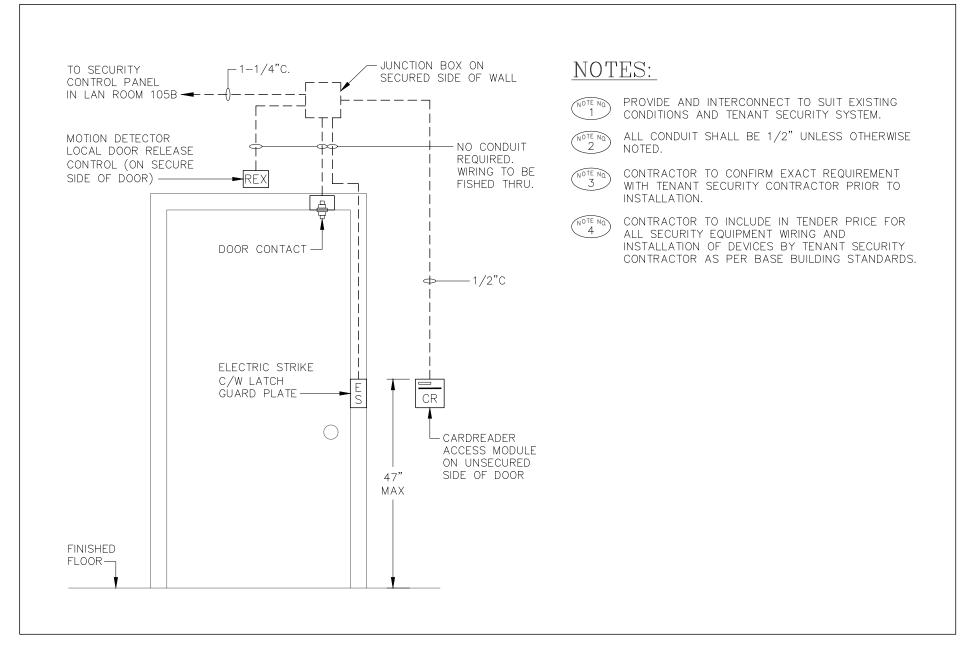


L-4 3/16"=1'-0"





# TYPICAL LOW PROFILE POKE THROUGH FLOOR MONUMENT DETAIL SCALE: N.T.S.



TENANT PANEL 'RP-T' 120/208V. 30. 4W.

(REFER TO THIS DRAWING FOR PANELBOARD SCHEDULE). PROVIDE AND PULL 4#3 WIRE IN EXISTING LANDLORD PROVIDED CONDUIT VIA EXISTING 100A LANDLORD PROVIDED DISCONNECT SWITCH IN ELECTRICAL ROOM. COORDINATE EXACT ROUTING AND DISTANCE ON SITE AND INCLUDE IN TENDER SUBMITTAL.

NOTES:

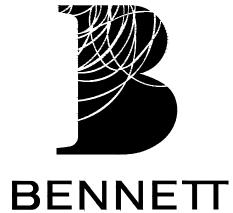
- WALL FEED POWER/COMMUNICATION—IN CONNECTION TO ELECTRIFIED SYSTEM FURNITURE. CONFIRM EXACT CIRCUIT WIRING WITH MANUFACTURE PRIOR TO ROUGH—IN. (REFER TO TYPICAL DETAIL ON DRAWING No. E-2 FOR REQUIREMENTS).
- WIREMOLD FEED POWER/COMMUNICATION—IN CONNECTION TO ELECTRIFIED SYSTEMS FURNITURE IN WIREMOLD C/W 2 CELL AND DIVIDER FOR POWER AND COMMUNICATIONS C/W ALL MOUNTING HARDWARE AND ACCESSORIES. LEGRAND AL3300 SERIES.
- SURFACE MOUNTED WIREMOLD C/W 2 CELL AND DIVIDER FOR POWER AND COMMUNICATIONS C/W ALL MOUNTING HARDWARE AND ACCESSORIES. LEGRAND AL3300 SERIES.
- PROVIDE AND INSTALL ON CARPET CONNECTRAC SYSTEM FLOOR BOX C/W RECEPTACLES FOR POWER AS SHOWN. EXACT ROUTING AND TERMINATION OF CONNECTRAC SYSTEM SHALL BE DETERMINED ON SITE. PROVIDE ALL REQUIRED COMPONENTS AND MOUNTING HARDWARE. LEGRAND SERIES.
- PROVIDE 1 1/4" CONDUIT C/W PULLSTRING FOR DATA CABLING FROM FLOOR WIREMOLD UP TO WALL THEN ACROSS AND DOWN TO FLAT LCD TV LOCATION 12" AFF. COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH—IN.
- LOW PROFILE FLOOR MONUMENT C/W RECEPTACLES AND DATA/TELEPHONE OUTLETS AS SHOWN. CONFIRM EXACT LOCATION WITH INTERIOR DESIGNER PRIOR TO ROUGH—IN. (REFER TO DETAIL ON THIS DRAWING FOR REQUIREMENTS).
- PROVIDE 2" CONDUIT C/W PULLSTRING FROM NEW LAN ROOM 513 TO EXISTING MAIN COMMUNICATIONS RISER ROOM. EXACT LOCATION SHALL BE DETERMINED ON SITE PRIOR TO INSTALLATION.
- PROVIDE GROUND BAR C/W 6#AWG INSULATED GREEN GROUND WIRE IN A 1"
  CONDUIT AND BOND SERVER RACK. TERMINATE BACK TO THE BUILDING
  GROUND RISER. EXACT LOCATION SHALL BE DETERMINED ON SITE.
- PROVIDE WALL MOUNTED 4'x8'x3/4" FIRE RATED PLYWOOD BACKBOARD.

  EXACT LOCATION TO BE DETERMINED ON SITE BY TENANT'S IT

  REPRESENTATIVE.
- CONFIRM TO VERIFY EXACT POWER REQUIREMENTS, LOCATION AND MOUNTING FOR SERVER EQUIPMENTS WITH TENANT IT REPRESENTATIVE PRIOR TO ROUGH—IN.
- PROVIDE SINGLE DOOR ELECTRIC STRIKE SECURITY. CONFIRM EXACT REQUIREMENTS WITH SECURITY VENDOR. (REFER TO DETAIL ON DRAWING No. E-5 FOR REQUIREMENTS).
- CONTRACTOR TO RECIRCUIT EXISTING WALL MOUNTED RECEPTACLES ONTO NEW TENANT PANEL 'RP-T' AS SHOWN. DISCONNECT EXISTING CONDUIT AND WIRING AND PROVIDE NEW CONDUIT AND WIRING AS REQUIRED.
- EXISTING ELECTRICAL CONNECTIONS FOR VAV BOX 'VAV-7' IN RELOCATED POSITION. CONNECT TO NEW TENANT PANEL 'RP-T'. DISCONNECT EXISTING CONDUIT AND WIRING AND PROVIDE NEW CONDUIT AND WIRING AS REQUIRED PER BASE BUILDING STANDARD. (REFER TO DEMOLITION PLAN ON DRAWING No. E-3 FOR EXISTING LOCATION).
- CONTRACTOR TO RECIRCUIT EXISTING ELECTRICAL CONNECTIONS FOR EXISTING VAV BOXES ONTO TENANT PANEL 'RP-T' AS SHOWN. DISCONNECT EXISTING CONDUIT AND WIRING AND PROVIDE NEW CONDUIT AND WIRING AS REQUIRED.

### GENERAL NOTES:

- REFER TO INTERIOR DESIGNER'S DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF DEVICES.
- 2. CONFIRM EXACT LOCATION AND REQUIREMENTS WITH DIV.25 PRIOR TO ROUGH—IN FOR ALL MECHANICAL EQUIPMENTS. (TYPICAL)
- 3. CONFIRM EXACT SECURITY REQUIREMENTS WITH BASE BUILDING SECURITY VENDOR PRIOR TO ROUGH—IN.
- 4. CONFIRM EXACT ROUTING AND DISTANCE ON SITE PRIOR TO ROUGH-IN AND INSTALLATION.
- 5. CONTRACTOR TO CONFIRM WITH OWNER PRIOR TO DISCONNECTING BREAKERS THAT LOADS FOR THIS RENOVATION DO NOT AFFECT OPERATION IN ANY WAY UNRENOVATED AREAS.
- 6. SHUTDOWN OF ANY ELECTRICAL SYSTEM TO BE CO-ORDINATED WITH BASE BUILDING. NO WORK IS TO BE PERFORMED UNLESS CONFIRMED IN WRITING BY BASE BUILDING.



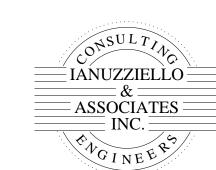
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onsultant



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MPAC 6925 CENTURY AVENUE UNIT 502 MISSISSAUGA, ONTARIO

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PART FIFTH FLOOR POWER AND SYSTEMS PLAN



FEBRUARY 2024 24112

drawn by cad file:

T.C.

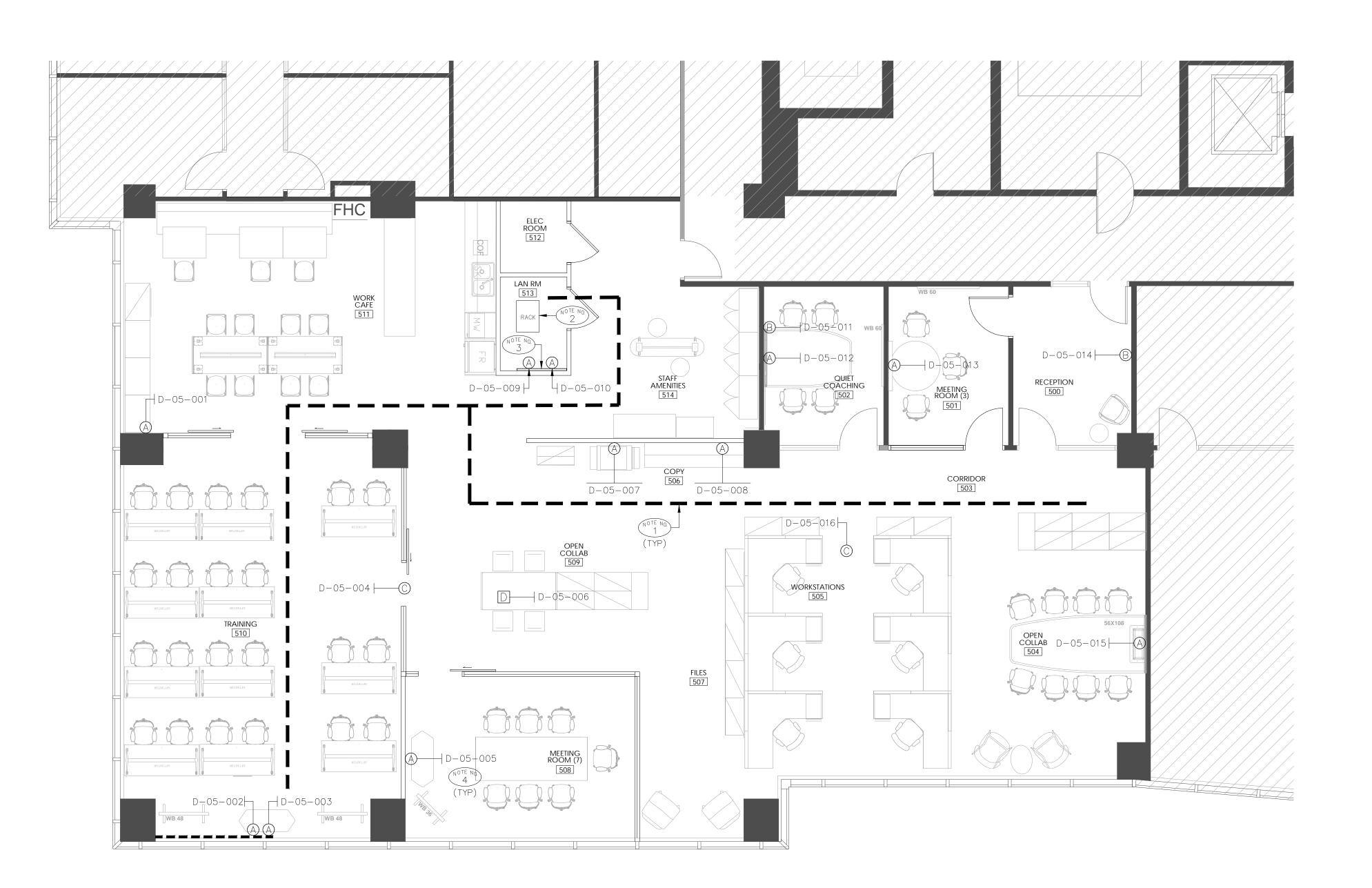
checked by drawing no.

Q.H.

scale

3/16"=1'-0"

 $\underbrace{ \frac{2}{E-5}}_{SCALE: \ N.T.S.} \underbrace{ \frac{TYPICAL\ SINGLE\ DOOR\ ELECTRIC\ STRIKE\ SECURITY\ DETAIL}_{SCALE: \ N.T.S.}$ 



### NOTES:

- LOCATION OF DATA CABLING MAIN ROUTING IN CEILING SPACE.

  CONTRACTOR TO PROVIDE J HOOKS EVERY 5 FEET TO SECURE
- LOCATION OF SERVER RACK IN NEW LAN ROOM 513.
- LOCATION OF PLYWOOD BACKBOARD IN NEW LAN ROOM 513.
- ELECTRICAL CONTRACTOR SHALL PROVIDE DATA CABLING AND ALL OTHER REQUIREMENTS AS PART OF COMMUNICATIONS SCOPE OF WORK.

### GENERAL NOTES:

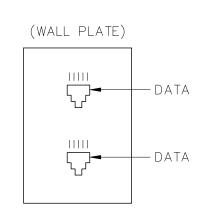
- 1. CONTRACTOR TO CONFIRM EXACT SPECIFICATIONS WITH TENANT IT REPRESENTATIVE PRIOR TO INSTALLATION.
- 2. CONTRACTOR TO SUPPLY AND INSTALL ALL DATA CABLING TO BE CAT 6, BLUE IN COLOUR, TO BE HOME RUNS FROM NEW LAN ROOM 513 TO TERMINATION POINTS IN OFFICES AND OPEN AREAS ETC.
- 3. CONTRACTOR TO PROVIDE REQUIRED QUANTITIES OF PATCH CABLES FOR EACH CABLE RUN AT NEW SERVER RACK LOCATED IN NEW LAN ROOM 513.
- 4. ALL CABLING TO HAVE RJ45 JACKS TERMINATED AT BOTH ENDS, LABELLED AND TESTED FOR A COMPLETE INSTALLATION SOLUTION (INCLUDING PATCH
- 5. DATA CABLES TO RUN IN CEILING SPACE BACK TO NEW LAN ROOM 513 DATA EQUIPMENT.
- 6. REFER TO INTERIOR DESIGN DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF DEVICES.
- 7. CABLING CONTRACTOR HAS TO PROVIDE AS BUILT CAD DRAWINGS OF ALL THE VOICE AND DATA CABLING AFTER THE WORK IS COMPLETE.

### LEGEND:

- DENOTES SINGLE DROP AT DRYWALL LOCATION COMPRISING OF 1 (ONE) CAT6 (DATA).
- DENOTES SINGLE DROP AT EXISTING DATA OUTLET BOX LOCATION COMPRISING OF 1 (ONE) CAT6 (DATA).
- DENOTES SINGLE DROP IN CEILING SPACE COMPRISING OF 1 O DENUILS SINGLE DISCI (ONE) CAT6 (DATA).
- DENOTES SINGLE DROP AT FLOOR MONUMENT LOCATION COMPRISING OF 1 (ONE) CAT6 (DATA).



CABLE LABELING



### NOTES:

- PROVIDE TAPE LABELING INDICATING CABLE No. FOR DATA CABLES.
- DATA CABLE CONNECTOR INSERTS TO MATCH EXISTING 2 TENANT STANDARDS.

TYPICAL COMMUNICATION WALL MOUNTED OUTLET DETAIL

SCALE: N.T.S.

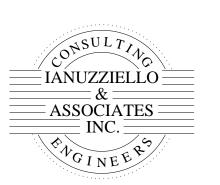


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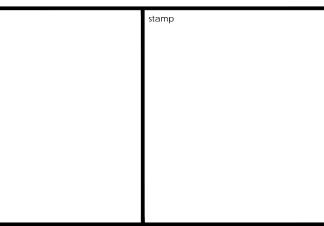
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2	23.MAY.2024	QH	ISSUED FOR 90% REVIEW
1	10. APR. 2024	QH	ISSUED FOR 50% REVIEW
no.	date	by	description

ISSUED



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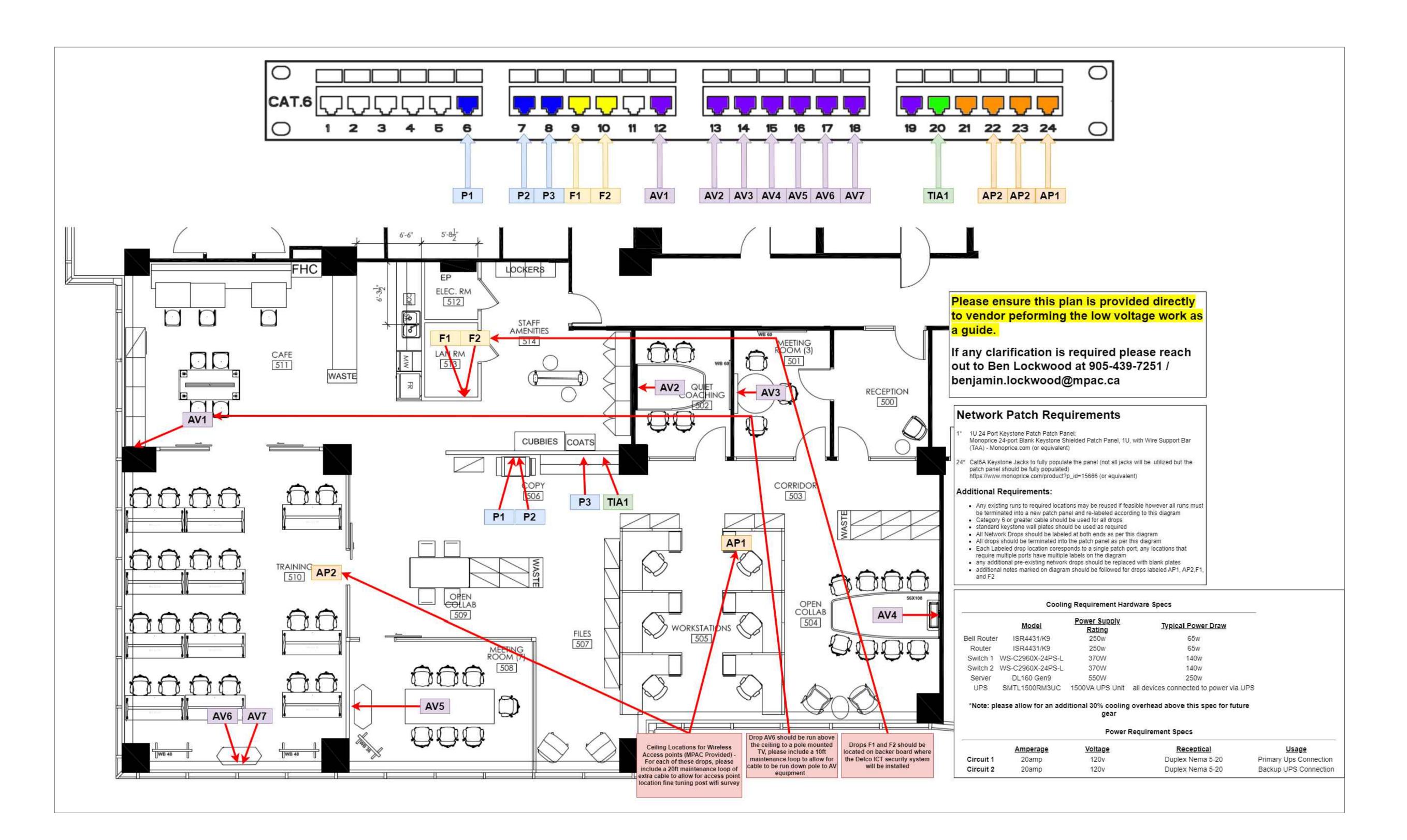
PART FIFTH FLOOR COMMUNICATION PLAN



	date
	FEBRUARY 2024
\	drawn by
	T.C.
7	checked by
/	Q.H.

C-1 PROJECT NORTH scale 3/16"=1'-0"

24112

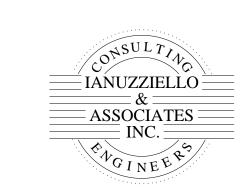




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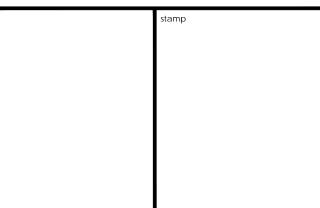
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10. APR. 2024	QH	ISSUED	FOR	50%	REVIEW	

### ISSUED



by description

MPAC 6925 CENTURY AVENUE UNIT 502 MISSISSAUGA, ONTARIO

PART FIFTH FLOOR NETWORKING PLAN



	date	project no.
	FEBRUARY 2024	24112
	drawn by	cad file:
	T.C.	
	checked by	drawing no.
	Q.H.	
PROJECT NORTH	scale 3/16"=1'-0"	<u> </u>