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City of Toronto

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| No.    | DESCRIPTION                  | DATE       |  |  |  |  |  |  |  |
| Α      | ISSUED FOR 50%<br>SUBMISSION | 2024-11-19 |  |  |  |  |  |  |  |
| В      | ISSUED FOR 75%<br>SUBMISSION | 2024-12-13 |  |  |  |  |  |  |  |
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PROJECT

95 The Esplanade

95 The Esplanade Toronto, ON M5E 1Y8

CHECKED BY:

R. BARROSO

**E. HADDAD**APPROVED BY:

PROJECT NO:
148121
DRAWN BY:
C. SU
PROJECT MGR:

F. BOLOURIAN
SHEET TITLE

HEET TITLE

MECHANICAL LEGEND AND

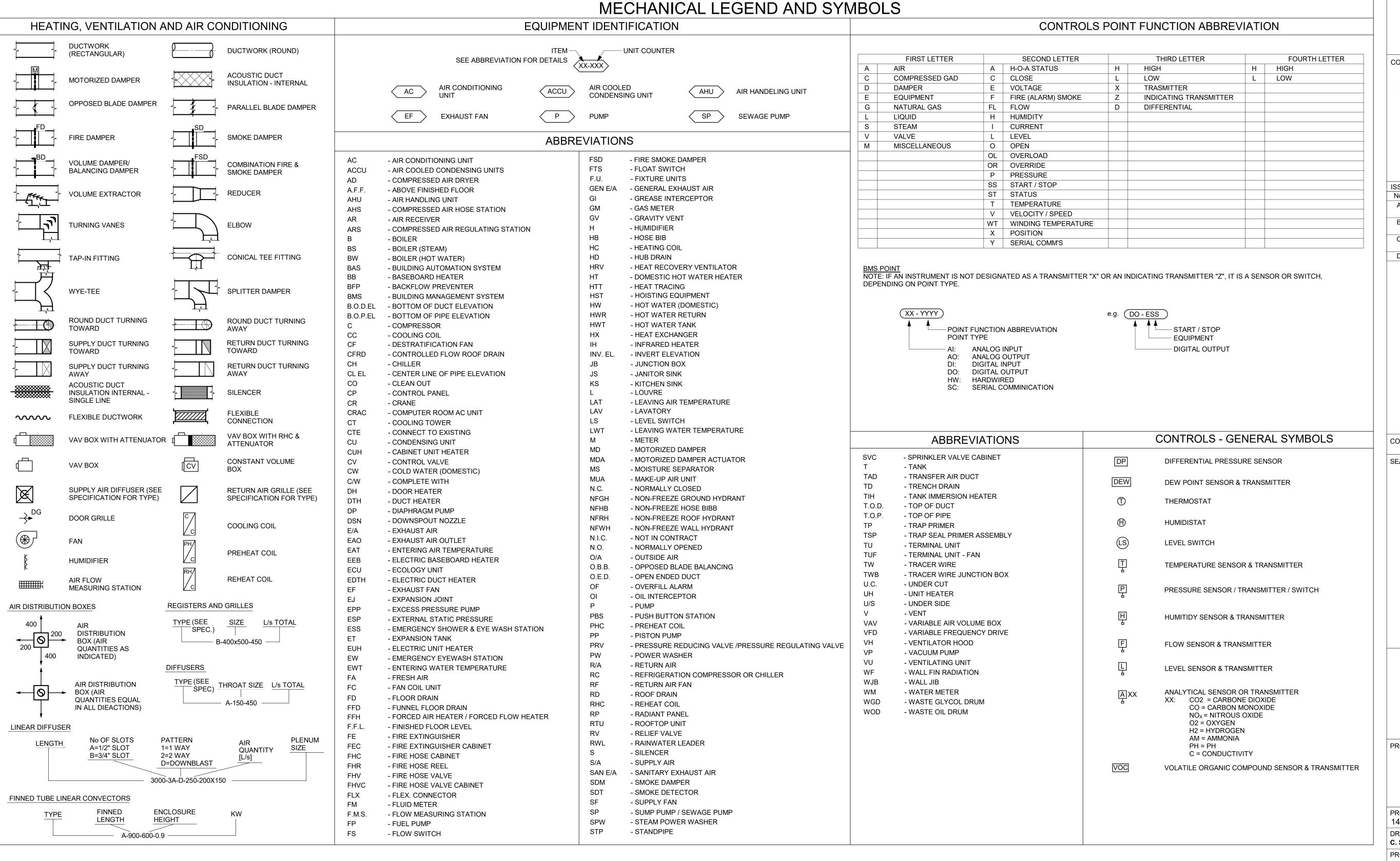
M001

SYMBOLS 1 OF 2

SHEET NUMBER

ISSUE

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**PROJECT** 

95 The Esplanade

95 The Esplanade Toronto, ON M5E 1Y8

PROJECT NO: 148121 DRAWN BY: C. SU

CHECKED BY: E. HADDAD APPROVED BY: PROJECT MGR: F. BOLOURIAN R. BARROSO

SHEET TITLE

MECHANICAL LEGEND AND SYMBOLS 2 OF 2

SHEET NUMBER

M002

| CLIENT |                 |
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|        | <b>TORONTO</b>  |

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|    | ISSUE | S                            |            |
| _  | No.   | DESCRIPTION                  | DATE       |
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| TH | В     | ISSUED FOR 75%<br>SUBMISSION | 2024-12-13 |
|    | С     | ISSUED FOR 95%<br>SUBMISSION | 2025-2-3   |
|    | D     | ISSUED FOR 100%/PERMIT       | 2025-2-10  |

|         | EXHAUST FAN SCHEDULE |                          |                          |                  |                         |                    |                    |                    |  |          |  |  |  |
|---------|----------------------|--------------------------|--------------------------|------------------|-------------------------|--------------------|--------------------|--------------------|--|----------|--|--|--|
| TAG NO. | SERVICE              | MANUFACTURER & MODEL NO. | FAN<br>CAPACITY<br>(L/s) | FAN<br>S.P. (Pa) | FAN TYPE                | MOTOR<br>HP        | MOTOR<br>RPM       | MOTOR<br>V/Ph/Hz   | NOTES  |          |  |  |  |
| EF-A    | KITCHEN              | AS PER EXISTING          | 0                        | 0.0              | CENTRIFUGAL,<br>CEILING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | UNIT SHALL BE REUSED EQUIPMENT AS PER CLIENT DIRECTION. THE UNIT SHALL BE SUBJECT TO RECALIBRATION AND TESTING FOR FUNCTIONALITY BY THE CONTRACTOR. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE. | CC       |  |  |  |
| EF-B    | WASHROOM             | AS PER EXISTING          | 0                        | 0.0              | CENTRIFUGAL,<br>CEILING | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE REUSED EQUIPMENT AS PER CLIENT DIRECTION. THE UNIT SHALL BE SUBJECT TO RECALIBRATION AND TESTING FOR FUNCTIONALITY BY THE CONTRACTOR. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE. |          |  |  |  |
| EF-C    | PRINTER AREA         | AS PER EXISTING          | 0                        | 0.0              | CENTRIFUGAL,<br>CEILING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | UNIT SHALL BE REUSED EQUIPMENT AS PER CLIENT DIRECTION. THE UNIT SHALL BE SUBJECT TO RECALIBRATION AND TESTING FOR FUNCTIONALITY BY THE CONTRACTOR. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE. |          |  |  |  |
| EF-D    | PRINTER AREA         | AS PER EXISTING          | 0                        | 0.0              | CENTRIFUGAL,<br>CEILING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | UNIT SHALL BE REUSED EQUIPMENT AS PER CLIENT DIRECTION. THE UNIT SHALL BE SUBJECT TO RECALIBRATION AND TESTING FOR FUNCTIONALITY BY THE CONTRACTOR. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE. | ISS<br>N |  |  |  |
| EF-E    | UPS/TELECOM<br>ROOM  | GREENHECK SQ-120-VG5X-QD | 800                      | 100.0            | INLINE                  | 1/2                | 1725               | 115/1/60           | UNIT SHALL BE ENABLED IMMEDIATELY DURING POWER OUTAGE. ITS ACTIVATION AND DEACTIVATION IS INTERLOCKED WITH THE LOUVER/FIRE DAMPERS. CONTRACTOR TO PROVIDE OPTIONAL SOUND ATTENUATION FOR THE UNIT.   | - t      |  |  |  |
| KEF-1   | KITCHEN              | BROAN AVSF1302SS         | 188                      | 75               | CENTRIFUGAL,<br>CEILING | 0.65A              |                    | 230/1/60           | SELECTION IS PRELIMINARY. SELECTION SHALL BE FINALIZED USING SAME EQUIPMENT PERFORMANCE, AESTHETIC TO BE COORDINATED WITH ARCHITECT/INTERIOR DESIGNER  |          |  |  |  |

4 PIPE HYDRONIC FAN COIL UNITS SCHEDULE

|         |  |   | FAN                | EXTERNAL           | AIR SIDE           |  |  |
|---------|--|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|--|
| TACNO   | SEDVICE                                    | MANUFACTURER &                                      | CAPACITY           | STATIC             | TOTAL              | DB EAT             | WB EAT             | DB LAT             | WB LAT             | NOTEC  |  |
| TAG NO. | SERVICE                                    | MODEL NO.   | (L/s)              | PRESSURE (Pa)      | CAPACITY (KVV)     | (°C)               | (°C)               | (°C)               | (°C)               | NOTES  |  |
| FCU-A   | CLIENT<br>INTAKE                           | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | CONSULTANTS  |
| FCU-B   | CLIENT<br>INTAKE                           | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | SEAL   |
| FCU-C   | KITCHEN                                    | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | LICENSCEED   |
| FCU-D   | KITCHEN                                    | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | 73   |
| FCU-E   | MEETING<br>ROOM 1                          | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE |  |
| FCU-F   | MEETING<br>ROOM 2                          | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE |  |
| FCU-G   | FOCUS ROOM<br>2                            | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | 9AF  |
| FCU-H   | MEETING<br>ROOM 3                          | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | 175 Galaxy Blvd,<br>Toronto, ON M9W                      |
| FCU-I   | LARGE<br>MEETING<br>ROOM                   | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | tel 416 679 1930<br>www.arcadis.com<br>PROJECT<br>95 The |
| FCU-J   | LARGE<br>MEETING<br>ROOM/BREAK<br>OUT ROOM | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | 95 The To No.  |
| FCU-K   | LARGE<br>MEETING<br>ROOM                   | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | 148121<br>DRAWN BY:<br>C. SU                             |
| FCU-L   | CLIENT<br>INTAKE                           | DAIKIN<br>F.TSH.2.S06.A.A.00.B.0<br>0.AX.20.Z.Z.A.1 | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING |                    | AS PER<br>EXISTING | AS PER<br>EXISTING | AS PER<br>EXISTING | UNIT SHALL BE A REUSED EQUIPMENT AS PER CLIENT DIRECTION. IT SHALL BE SUBJECT TO CONTRACTOR'S RECALIBRATION AND TESTING FOR ITS FUNCTIONALITY. COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER WHERE REQUIRED TO MEET CAPACITY AND PERFORMANCE REQUIREMENTS SHOWN ON NAMEPLATE | PROJECT MGR:  F. BOLOURIAN  SHEET TITLE  MECHANIC        |



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95 The Esplanade

95 The Esplanade Toronto, ON M5E 1Y8 OJECT NO: 8121

CHECKED BY: E. HADDAD APPROVED BY: R. BARROSO

MECHANICAL EQUIPMENT SCHEDULES 1 OF 2

NOTES:

SEE DRAWINGS FOR LOCATION AND TYPE OF FAN COIL UNIT. FCUS SHALL BE INSTALLED AS PER MANUFACTURER RECOMMENDATION INCLUDING REFRIGERANT PIPING AND CONDENSATE DRAINS. FCUS SHALL BE INDIVIDUALLY CONTROLLED THROUGH A THERMOSTAT. CONTROL WIRING TO BE PROVIDED BY MECHANICAL CONTRACTOR. WIRED THERMOSTAT TO BE INCLUDED AS ACCESSORY

| TAG NO. | SERVICE     | MANUFACTURER<br>& MODEL NO. | CAPACITY<br>(kW) | REFRIGERANT<br>TYPE |         | CONDENSER COIL<br>HEAT REJECTION<br>(kW) | CONDENSER<br>COIL EAT (°C) | NUMBER OF<br>CONDENSER<br>FANS | DISCHARGE<br>POSITION | MCA | V/Ph/Hz  | NOTES  |
|---------|-------------|-----------------------------|------------------|---------------------|---------|--|----------------------------|--------------------------------|-----------------------|-----|----------|--|
| ACC-9   | SERVER ROOM | CARRIER<br>38MARBQ18AA3     | 5.28             | R410A               | -22, 50 | 7.62                                     | 50                         | 1                              | HORIZONTAL            | 16  | 208/1/60 | WIRED THERMOSTAT TO BE INCLUDED AS ACCESSORY |
| ACC-10  | UPS ROOM    | CARRIER<br>38MARBQ18AA3     | 5.28             | R410A               | -22, 50 | 7.62                                     | 50                         | 1                              | HORIZONTAL            | 16  | 208/1/60 | WIRED THERMOSTAT TO BE INCLUDED AS ACCESSORY |

|        | GRILLES AND DIFFUSERS SCHEDULE  |                          |             |          |                |                |  |  |  |  |
|--------|---------------------------------|--------------------------|-------------|----------|----------------|----------------|--|--|--|--|
| SYMBOL | TYPE                            | MANUFACTURER & MODEL NO. | LOCATION    | MATERIAL | FACE SIZE (IN) | NECK SIZE (IN) | COMMENTS   |  |  |  |
| В      | RETURN LOUVERED GRILLE          | EH PRICE 630             | SEE DRAWING | ALUMINUM | SEE DRAWING    | N/A            | 45° DEFLECTION, 3/4 IN BLADE SPACING                   |  |  |  |
| Α      | SUPPLY AIR SQUARE CONE DIFFUSER | EH PRICE ASCDA           | SEE DRAWING | ALUMINUM | 24 x 24        | SEE DRAWING    | 4 CONE, NECK SIZE AS SHOWN ON DWG C/W BALANCING DAMPER |  |  |  |
| С      | SUPPLY LOUVERED GRILLE          | EH PRICE 610             | SEE DRAWING | ALUMINUM | SEE DRAWING    | N/A            |  |  |  |  |

## NOTES:

- 1. SUBMIT COLOUR AND FINISH FOR ARCH REVIEW.
- 2. REFER TO ARCH DWG FOR CEILING TYPE.

|         | DRINKING FOUNTAIN SCHEDULE |                             |                    |                  |                                     |             |     |          |  |  |  |  |
|---------|----------------------------|-----------------------------|--------------------|------------------|-------------------------------------|-------------|-----|----------|--|--|--|--|
| TAG NO. | SERVICE                    | MANUFACTURER<br>& MODEL NO. | LxWxH<br>(MM)      | MOUNTING<br>TYPE | APPROX.<br>SHIPPING<br>WEIGHT (LBS) | RATED WATTS | FLA | V/Ph/Hz  | NOTES  |  |  |  |
| DF-1    | HALLWAY                    | ELKAY<br>EZSDWSLK           | 467 x 483 x<br>993 | WALL             | 52                                  | 15          | 1.1 | 115/1/60 | SEE DRAWINGS FOR LOCATION OF DRINKING FOUNTAIN.<br>BRAND SHALL BE ELKAY OR APPROVED EQUAL. |  |  |  |



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PROJECT

95 The Esplanade

95 The Esplanade Toronto, ON M5E 1Y8

PROJECT NO: 148121

DRAWN BY: C. SU PROJECT MGR:

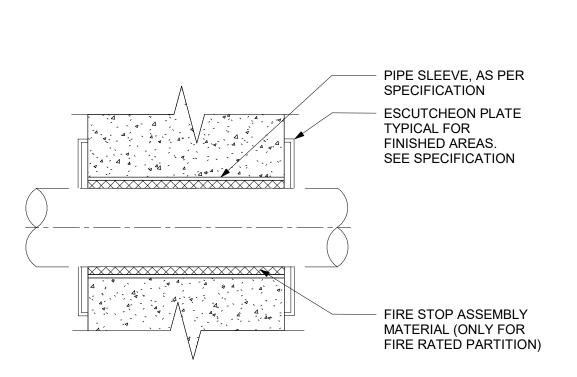
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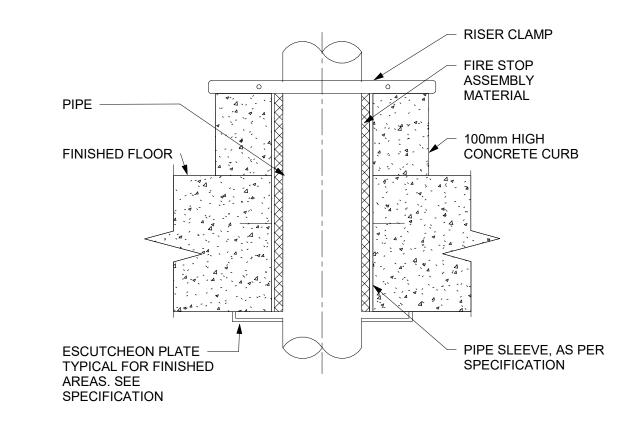
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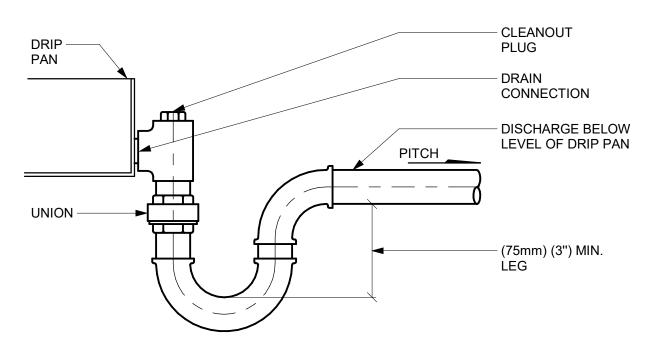
MECHANICAL EQUIPMENT SCHEDULES 2 OF 2

SHEET NUMBER

M004







DRIP PAN TRAP INSTALLATION

M005 / Scale : NTS

## PIPE SLEEVE THROUGH INTERIOR WALL

M005 / Scale : NTS

MINERAL WOOL INSULATION

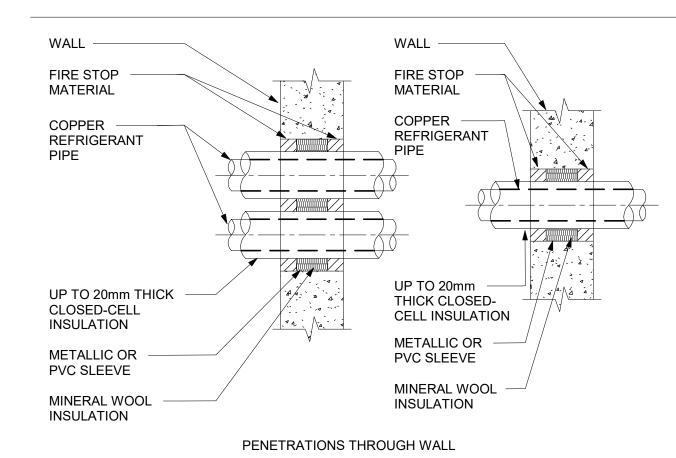
PIPE SLEEVE THROUGH FLOORS M005 / Scale : NTS

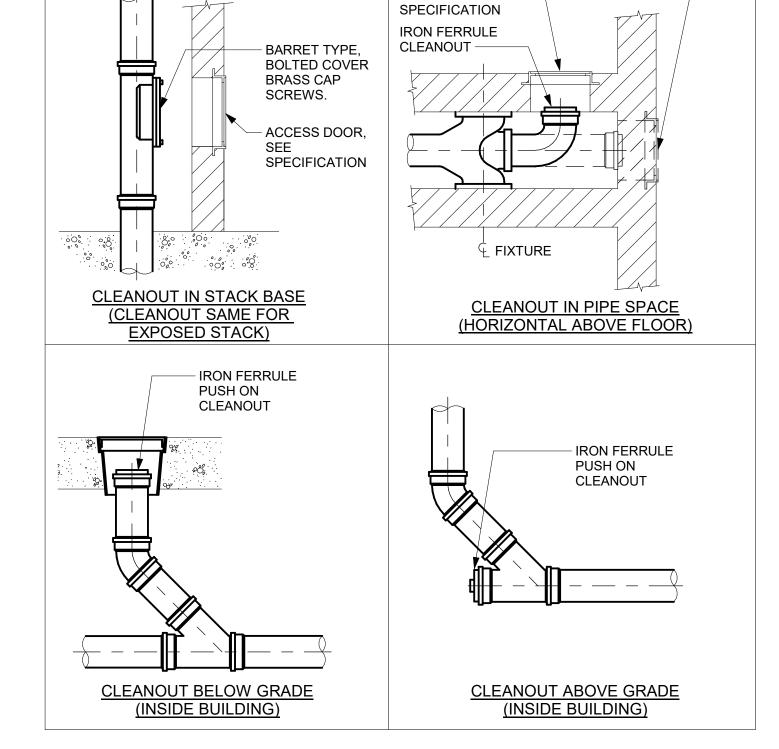
COPPER COPPER -REFRIGERANT PIPE REFRIGERANT PIPE UP TO 20mm THICK UP TO 20mm THICK CLOSED-CELL CLOSED-CELL INSULATION INSULATION FIRE STOP MATERIAL FIRE STOP MATERIAL 100mm HIGH CONCRETE CURB FLOOR METALLIC OR METALLIC OR PVC SLEEVE PVC SLEEVE

PENETRATIONS THROUGH FLOOR

MINERAL

WOOL INSULATION





ALTERNATE LOCATION FOR -

CLEANOUT AND ACCESS

ACCESS DOOR,

REFRIGERANT PIPING PENETRATION

M005 Scale : NTS

DRAINAGE CLEANOUT DETAIL INTERIOR

M005 / Scale : NTS

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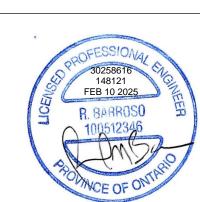
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DRAWN BY: C. SU PROJECT MGR: F. BOLOURIAN

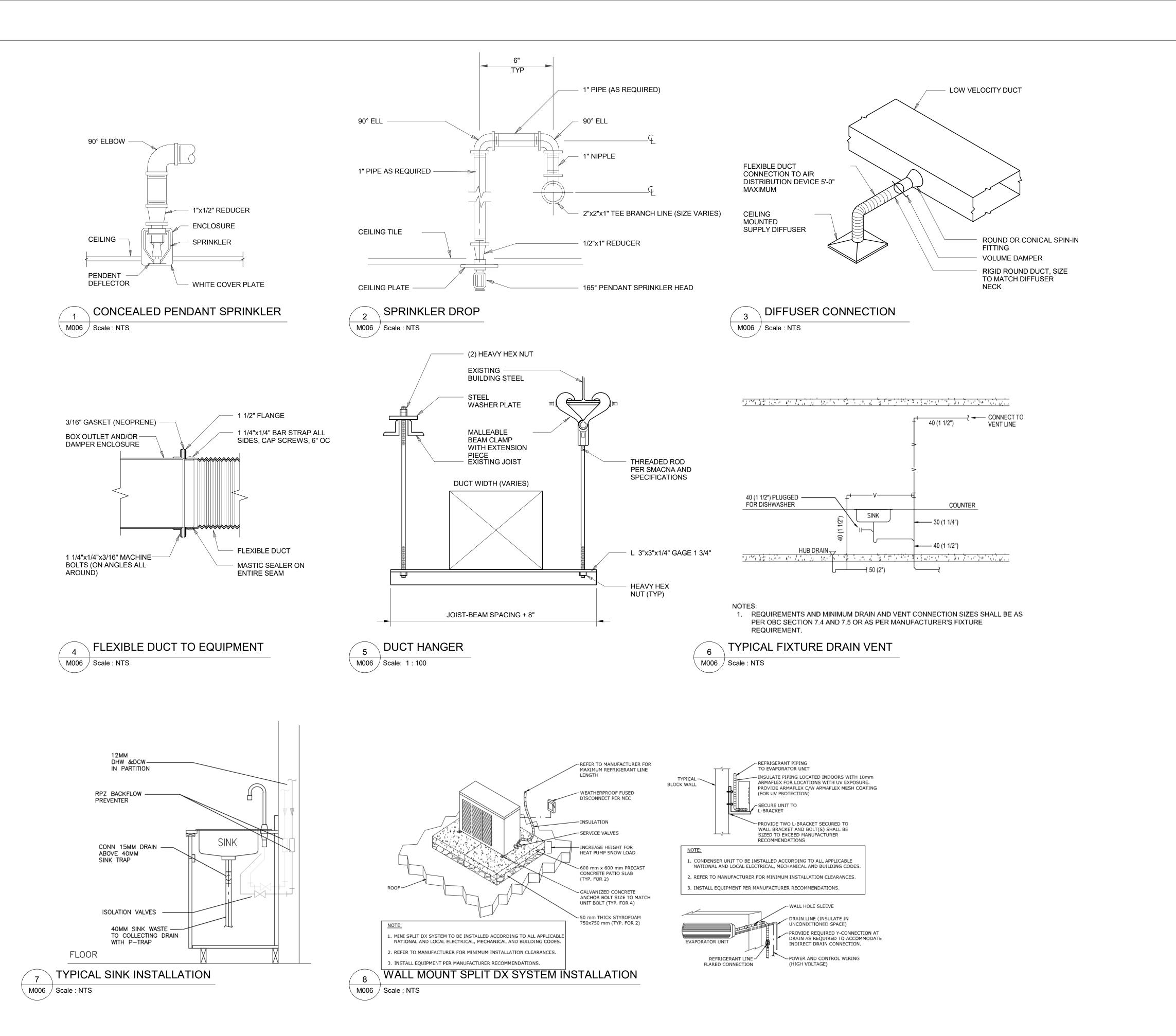
CHECKED BY: E. HADDAD APPROVED BY: R. BARROSO

SHEET TITLE

MECHANICAL DETAILS 1 OF 2

SHEET NUMBER

M005



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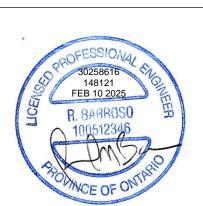
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| В   | ISSUED FOR 75%<br>SUBMISSION | 2024-12-13 |
| С   | ISSUED FOR 95%<br>SUBMISSION | 2025-2-3   |
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## PROJECT

95 The Esplanade

95 The Esplanade Toronto, ON M5E 1Y8

PROJECT NO: 148121

DRAWN BY:
C. SU

PROJECT MGR:
F. BOLOURIAN

SHEET TITLE

MECHANICAL DETAILS 2 OF 2

HEET NUMBER

M006

)6 D

CHECKED BY:

APPROVED BY:

R. BARROSO

E. HADDAD

City of Toronto

Toronto, Canada, M9N 1J6

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**PROJECT** 

95 The Esplanade

95 The Esplanade Toronto, ON M5E 1Y8

| PROJECT NO: 148121           |                          |
|------------------------------|--------------------------|
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| PROJECT MGR:<br>F. BOLOURIAN | APPROVED BY: R. BARROSO  |

SHEET TITLE

DEMOLITION GROUND FLOOR PLAN

SHEET NUMBER

M1101

Toronto, Canada, M9N 1J6

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## PROJECT

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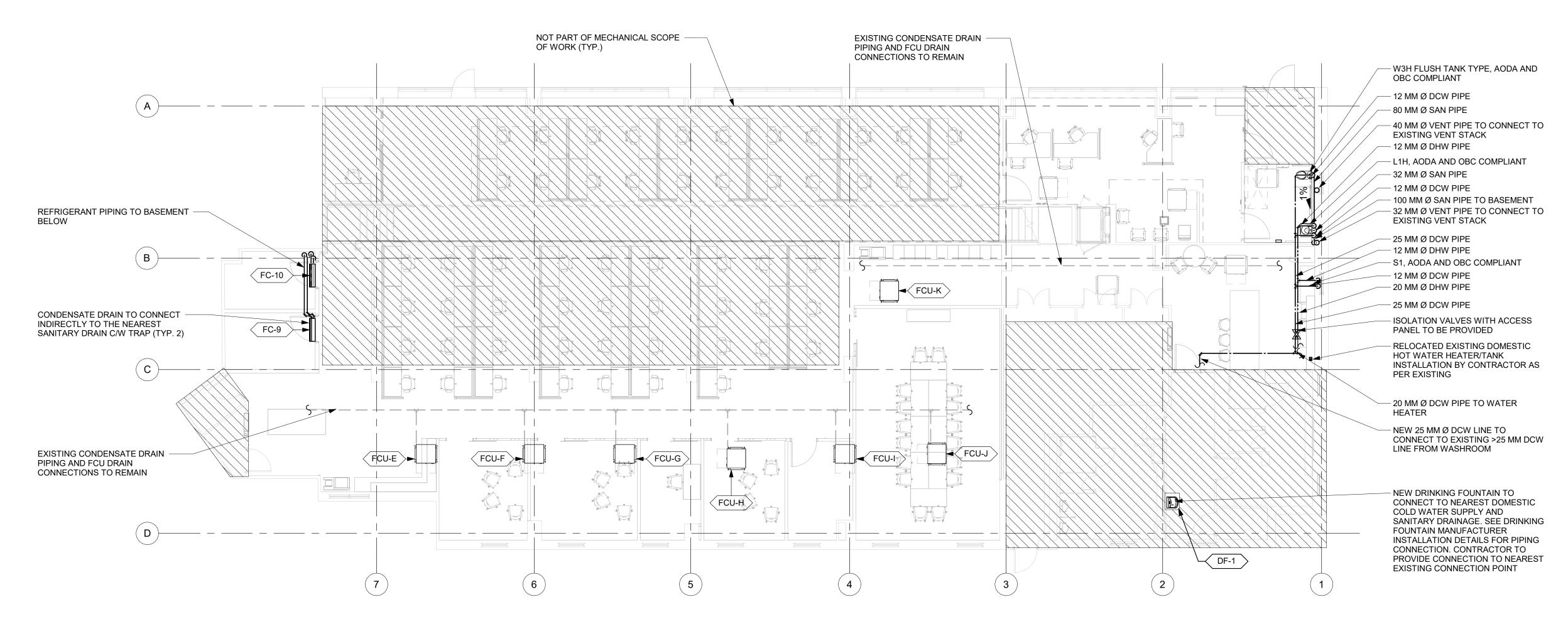
PROJECT NO: 148121 DRAWN BY: C. SU

CHECKED BY: E. HADDAD APPROVED BY: PROJECT MGR: R. BARROSO F. BOLOURIAN

SHEET TITLE

PLUMBING AND DRAINAGE GROUND FLOOR PLAN

M2101



PLUMBING AND DRAINAGE GROUND FLOOR

∖ M2101 / Scale: 1 : 100

## NOTES:

1. CONTRACTOR TO INVESTIGATE ON SITE FOR WASHROOM DRAINAGE PIPE ROUTING TO MINIMIZE TRENCHING REQUIRED.

2. PIPING LAYOUT IS SCHEMATIC TO SHOW SYSTEM ARRANGEMENT WHICH DOES NOT NECESSARILY SHOW ALL FITTINGS, SUPPORTS, HANGERS, INSULATIONS AND OTHER REQUIREMENTS. CONTRACTOR SHALL REVIEW DETAILS, OTHER DISCIPLINE DRAWINGS, SPECIFICATIONS AND EQUIPMENT INSTALLATION INSTRUCTIONS AND PROVIDE A COMPLETE SYSTEM.

3. SANITARY VENT PIPING AND VENT PIPE ROUTING IS NOT SHOWN ON THE DRAWING FOR CLARITY. NEW SANITARY VENTING SYSTEM TO BE SIZED, PROVIDED AND INSTALLED BY THE CONTRACTOR AS PER OBC REQUIREMENTS.

4. EXISTING MECHANICAL EQUIPMENT AND PIPE LAYOUTS SHOWN ARE FOR DRAWING REFERENCE ONLY. CONTRACTOR TO VERIFY ACTUAL LAYOUTS ON SITE PRIOR TO PROCEEDING WITH THE WORK. NOTIFY ENGINEER FOR GUIDANCE FOR DISCREPANCIES FOUND WITH ACTUAL RETROFIT WORK REQUIRED FOR GUIDANCE.

SHEET NUMBER



- NEW CLEAN OUT

40MM SAN DRAIN

FROM NEW KITCHEN SINK

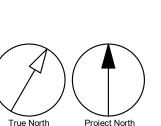
BASEMENT PLUMBING AND DRAINAGE PIPING

M2102 | Scale : NTS

NOTES:

1. CONTRACTOR TO INVESTIGATE ON SITE FOR WASHROOM DRAINAGE PIPE ROUTING TO MINIMIZE TRENCHING REQUIRED.

2. PIPING LAYOUT IS SCHEMATIC TO SHOW SYSTEM ARRANGEMENT WHICH DOES NOT NECESSARILY SHOW ALL FITTINGS, SUPPORTS, HANGERS, INSULATIONS AND OTHER REQUIREMENTS. CONTRACTOR SHALL REVIEW DETAILS, OTHER DISCIPLINE DRAWINGS, SPECIFICATIONS AND EQUIPMENT INSTALLATION INSTRUCTIONS AND PROVIDE A COMPLETE SYSTEM.



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PROJECT

95 The Esplanade

95 The Esplanade Toronto, ON M5E 1Y8

PROJECT NO: 148121 DRAWN BY: CHECKED BY: C. SU E. HADDAD PROJECT MGR: APPROVED BY: F. BOLOURIAN R. BARROSO

SHEET TITLE

PLUMBING AND DRAINAGE BASEMENT PLAN

ISSUE D

M2102 | Scale: 1 : 150

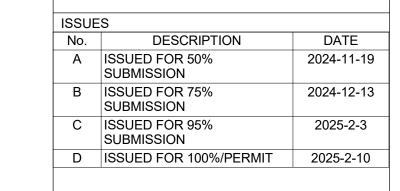
Scale: 1:150

M2102



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## PROJECT

95 The Esplanade

95 The Esplanade Toronto, ON M5E 1Y8

| OJECT NO:<br>18121    |  |
|-----------------------|--|
| RAWN BY:<br><b>SU</b> |  |

CHECKED BY: E. HADDAD PROJECT MGR: APPROVED BY: R. BARROSO F. BOLOURIAN

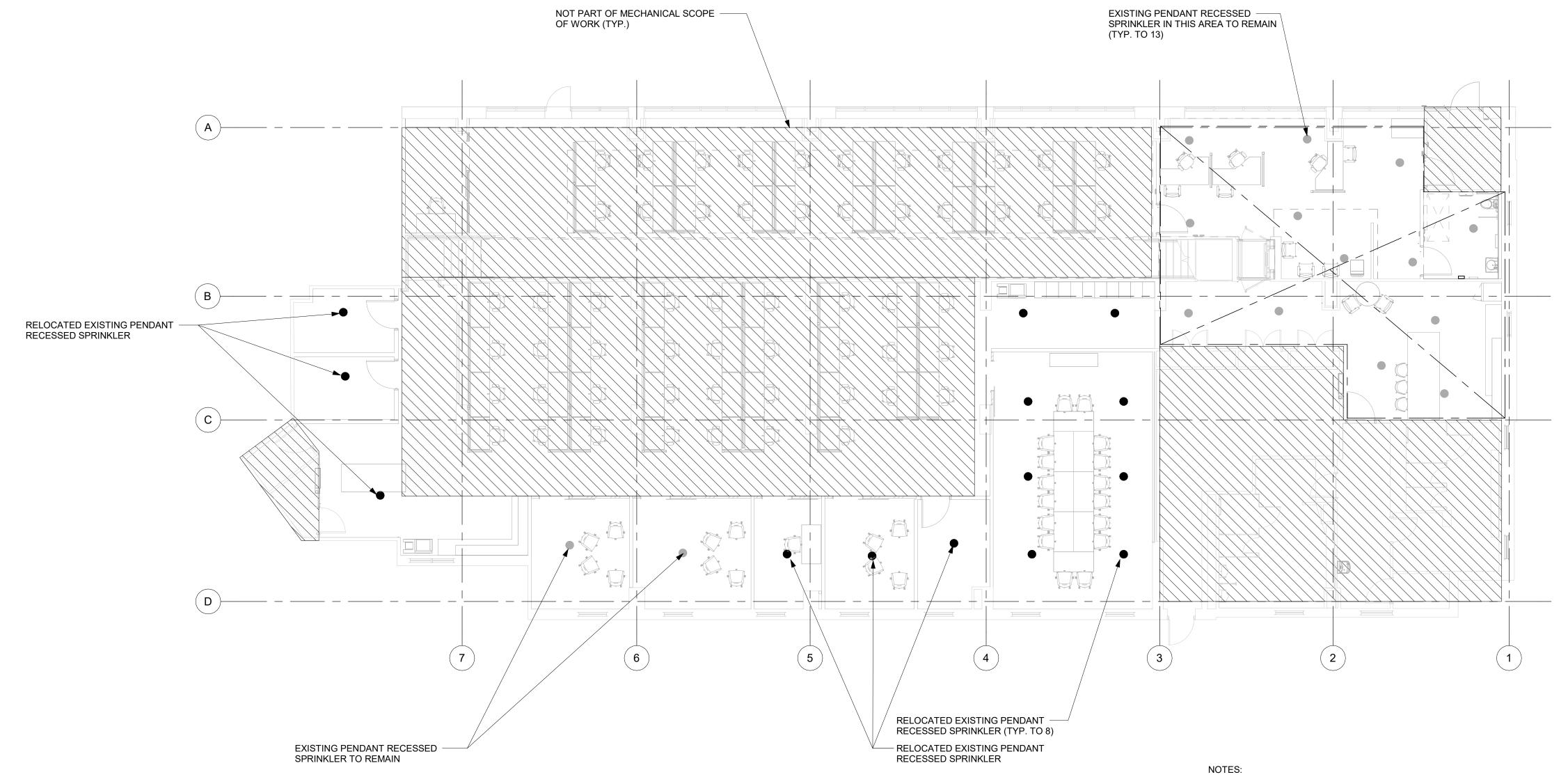
SHEET TITLE

FIRE PROTECTION GROUND FLOOR PLAN

M3101

ISSUE

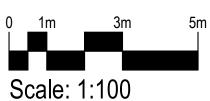
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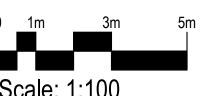


1. FIRE EXTINGUISHER LOCATIONS SHALL REMAIN AS EXISTING.

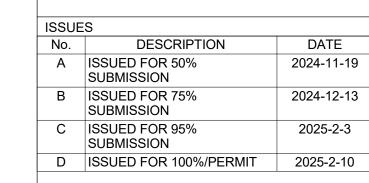
2. ALL RELOCATED SPRINKLERS SHALL COMPLY WITH OBC AND NFPA 13.

FIRE PROTECTION GROUND FLOOR M3101 / Scale: 1:100





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**PROJECT** 

95 The Esplanade

95 The Esplanade Toronto, ON M5E 1Y8

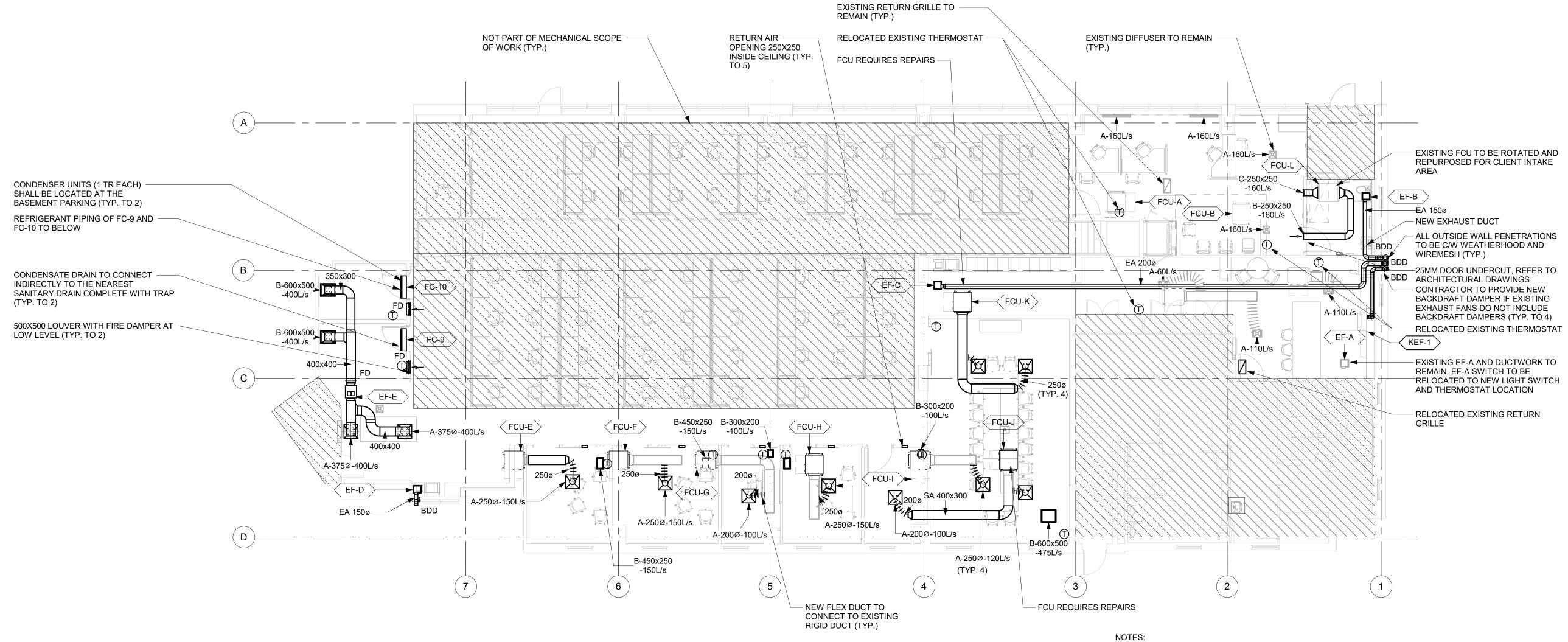
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F. BOLOURIAN SHEET TITLE

HVAC GROUND FLOOR PLAN

SHEET NUMBER

ISSUE



HVAC GROUND FLOOR M4101 / Scale: 1 : 100

1. EXISTING MECHANICAL EQUIPMENT AND DUCT LAYOUTS SHOWN ARE FOR DRAWING REFERENCE ONLY. CONTRACTOR TO VERIFY ACTUAL LAYOUTS ON SITE PRIOR TO PROCEEDING WITH THE WORK. NOTIFY ENGINEER FOR GUIDANCE FOR DISCREPANCIES FOUND WITH ACTUAL RETROFIT WORK REQUIRED FOR GUIDANCE.

2. EXISTING MECHANICAL EQUIPMENT TO BE TESTED AND COMMISSIONED BY MECHANICAL CONTRACTOR TO THE EQUIPMENT'S CAPACITY PERFORMANCE AS PER ITS NAMEPLATE. INCLUDE REPAIR SCOPE FOR EQUIPMENT THAT IS NOT OPERATIONAL. SUPPLY AIR SHALL BE RE-BALANCED AS SHOWN AND PROVIDE A REPORT FOR ENGINEER'S REVIEW AND APPROVAL.

3. THERMOSTATS SHALL BE PROGRAMMABLE WITH SETPOINTS WHICH CAN BE PROGRAMMED WITH OCCUPANCY SCHEDULES. THERMOSTATS SHALL ALSO BE LINE-POWERED. LOCATION SHALL BE COORDINATED WITH ARCHITECTURAL LAYOUT. SUBMIT SHOP DRAWING FOR REVIEW AND APPROVAL.

4. CONTRACTOR TO INCLUDE DUCT CLEANING AND DISINFECTING OF NEW AND EXISTING EQUIPMENT, DUCTWORKS AND ITS ACCESSORIES UNDER THIS SCOPE OF WORK.

5. CONTRACTOR TO CONDUCT AIR BALANCING TO MEET THE REQUIRED AIRFLOW AS SHOWN IN THE DRAWINGS. IT SHALL INCLUDE BOTH NEW AND EXISTING DIFFUSERS AND GRILLES.

